

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
 Acq On : 18 Dec 2015 1:24
 Operator : UM/SJ
 Sample : G4767-19DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.096	888	895	903	rBV	61192	101813	1.87%	0.302%
2	8.637	979	987	995	rBB	39957	66718	1.22%	0.198%
3	10.529	1302	1309	1317	rBB2	23024	38683	0.71%	0.115%
4	10.916	1367	1375	1377	rBV	84433	147156	2.70%	0.436%
5	10.969	1377	1384	1391	rVV	974447	1744157	32.01%	5.167%
6	11.081	1399	1403	1412	rVB	30458	53120	0.97%	0.157%
7	11.739	1507	1515	1524	rBV	131643	234805	4.31%	0.696%
8	12.562	1647	1655	1662	rBV	571264	920417	16.89%	2.727%
9	12.779	1681	1692	1702	rVB	280859	489679	8.99%	1.451%
10	13.267	1770	1775	1783	rBV	54585	89875	1.65%	0.266%
11	13.560	1818	1825	1834	rVB	230376	344019	6.31%	1.019%
12	13.754	1853	1858	1869	rVB	70308	125946	2.31%	0.373%
13	13.889	1870	1881	1882	rBV	81673	123540	2.27%	0.366%
14	14.048	1899	1908	1913	rBV	119378	224893	4.13%	0.666%
15	14.101	1913	1917	1920	rBV	75543	126219	2.32%	0.374%
16	14.283	1943	1948	1951	rVV	51979	79725	1.46%	0.236%
17	14.448	1963	1976	1988	rVB3	85469	231762	4.25%	0.687%
18	14.694	2013	2018	2020	rVV	85723	123399	2.26%	0.366%
19	14.730	2020	2024	2029	rVV2	156687	250231	4.59%	0.741%
20	14.794	2029	2035	2041	rVV	1161959	1882633	34.55%	5.578%
21	14.853	2041	2045	2051	rVV	58850	86146	1.58%	0.255%
22	14.923	2051	2057	2065	rVV2	31281	73810	1.35%	0.219%
23	15.035	2071	2076	2080	rVV2	41212	71299	1.31%	0.211%
24	15.123	2084	2091	2098	rVV	798954	1299293	23.85%	3.849%
25	15.194	2099	2103	2111	rVB3	29476	46819	0.86%	0.139%
26	15.335	2121	2127	2132	rBV2	22764	41484	0.76%	0.123%
27	15.505	2148	2156	2160	rBV2	19451	40119	0.74%	0.119%
28	15.717	2188	2192	2196	rVV	66180	102544	1.88%	0.304%
29	15.775	2196	2202	2209	rVV	1107749	1703830	31.27%	5.048%
30	15.864	2213	2217	2219	rVV2	44551	68570	1.26%	0.203%
31	15.893	2219	2222	2225	rVV2	75298	117044	2.15%	0.347%
32	15.934	2225	2229	2233	rVV2	133935	209508	3.85%	0.621%
33	15.981	2233	2237	2240	rVV3	33821	60234	1.11%	0.178%
34	16.022	2240	2244	2247	rVV	65235	107329	1.97%	0.318%

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35	16.063	2247	2251	2260	rVB	150538	221272	4.06%	0.656%
36	16.210	2265	2276	2283	rVV	157870	351672	6.45%	1.042%
37	16.275	2283	2287	2289	rVV2	29045	42410	0.78%	0.126%
38	16.298	2289	2291	2297	rVV	27058	37778	0.69%	0.112%
39	16.563	2331	2336	2342	rVB	62151	92888	1.70%	0.275%
40	16.768	2359	2371	2376	rBV2	109551	254364	4.67%	0.754%
41	16.821	2376	2380	2386	rVB2	39987	57040	1.05%	0.169%
42	16.921	2391	2397	2402	rVB2	46939	81304	1.49%	0.241%
43	16.998	2402	2410	2413	rBV3	37148	86187	1.58%	0.255%
44	17.039	2413	2417	2420	rVB2	31700	40069	0.74%	0.119%
45	17.127	2428	2432	2437	rVB3	25231	43438	0.80%	0.129%
46	17.197	2437	2444	2452	rBV3	49688	132792	2.44%	0.393%
47	17.291	2454	2460	2474	rVB	271251	431139	7.91%	1.277%
48	17.473	2485	2491	2494	rBV	198349	353785	6.49%	1.048%
49	17.532	2494	2501	2505	rVV	3114007	5448502	100.00%	16.142%
50	17.573	2505	2508	2511	rVV2	167502	276139	5.07%	0.818%
51	17.609	2511	2514	2519	rVV	365674	503019	9.23%	1.490%
52	17.661	2519	2523	2528	rVV3	23895	44904	0.82%	0.133%
53	17.873	2547	2559	2568	rBV2	292125	589016	10.81%	1.745%
54	17.985	2574	2578	2582	rVV	54425	86451	1.59%	0.256%
55	18.055	2586	2590	2598	rVB4	21886	38496	0.71%	0.114%
56	18.196	2609	2614	2621	rVB	22367	47788	0.88%	0.142%
57	18.343	2634	2639	2643	rBV	209954	308747	5.67%	0.915%
58	18.396	2643	2648	2653	rVB	300661	456858	8.39%	1.354%
59	18.472	2653	2661	2667	rBV	104111	171721	3.15%	0.509%
60	18.543	2667	2673	2677	rBV2	432451	750683	13.78%	2.224%
61	18.637	2683	2689	2693	rBV4	22991	35323	0.65%	0.105%
62	18.837	2718	2723	2728	rVV	185696	263307	4.83%	0.780%
63	19.083	2760	2765	2769	rVB4	34274	44272	0.81%	0.131%
64	19.254	2788	2794	2798	rBV	53368	98574	1.81%	0.292%
65	19.318	2799	2805	2813	rVB3	39829	95943	1.76%	0.284%
66	19.524	2832	2840	2846	rBV	1992303	3007232	55.19%	8.909%
67	19.612	2852	2855	2859	rVB	44078	51632	0.95%	0.153%
68	19.759	2874	2880	2890	rVB2	68928	133513	2.45%	0.396%
69	19.853	2890	2896	2898	rBV3	438028	737910	13.54%	2.186%
70	19.882	2898	2901	2908	rVB	1289436	1909621	35.05%	5.657%
71	19.947	2908	2912	2919	rVB3	64242	101855	1.87%	0.302%

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72	20.053	2924	2930	2936	rBV	75948	111836	2.05%	0.331%
73	20.117	2936	2941	2945	rVB	41025	61113	1.12%	0.181%
74	20.194	2948	2954	2956	rBV	68204	121659	2.23%	0.360%
75	20.253	2961	2964	2969	rVV	51864	66869	1.23%	0.198%
76	20.370	2969	2984	2989	rVB	225882	418298	7.68%	1.239%
77	20.470	2994	3001	3005	rBV	244274	367694	6.75%	1.089%
78	20.523	3005	3010	3014	rVV2	73390	147610	2.71%	0.437%
79	20.564	3014	3017	3020	rVV	46186	61491	1.13%	0.182%
80	20.605	3020	3024	3029	rVV4	23803	35842	0.66%	0.106%
81	20.664	3029	3034	3038	rVV	32936	48451	0.89%	0.144%
82	20.711	3038	3042	3045	rVV	42426	63856	1.17%	0.189%
83	20.746	3045	3048	3055	rVB5	35673	43850	0.80%	0.130%
84	21.081	3101	3105	3110	rBV3	24551	50985	0.94%	0.151%
85	21.322	3137	3146	3149	rBV	69810	116005	2.13%	0.344%
86	21.363	3149	3153	3157	rVV	64080	103931	1.91%	0.308%
87	21.416	3157	3162	3166	rVV2	57612	106093	1.95%	0.314%
88	21.604	3185	3194	3201	rBV2	19555	50593	0.93%	0.150%
89	21.733	3205	3216	3223	rVV3	415113	1157515	21.24%	3.429%
90	21.792	3223	3226	3235	rVV	258663	398816	7.32%	1.182%
91	21.951	3247	3253	3262	rBV	60407	110376	2.03%	0.327%
92	22.086	3271	3276	3282	rVB3	15756	34992	0.64%	0.104%
93	22.156	3282	3288	3295	rBV3	37306	74296	1.36%	0.220%
94	22.485	3336	3344	3350	rVV	26866	68250	1.25%	0.202%
95	22.814	3395	3400	3408	rVB4	23156	49493	0.91%	0.147%
96	23.978	3589	3598	3605	rBV2	71872	234125	4.30%	0.694%
97	24.712	3714	3723	3729	rBV2	32491	84658	1.55%	0.251%
98	24.788	3729	3736	3742	rVV2	45628	123403	2.26%	0.366%
99	24.859	3742	3748	3764	rVB2	50428	140698	2.58%	0.417%
100	25.018	3764	3775	3783	rBV	159186	446549	8.20%	1.323%

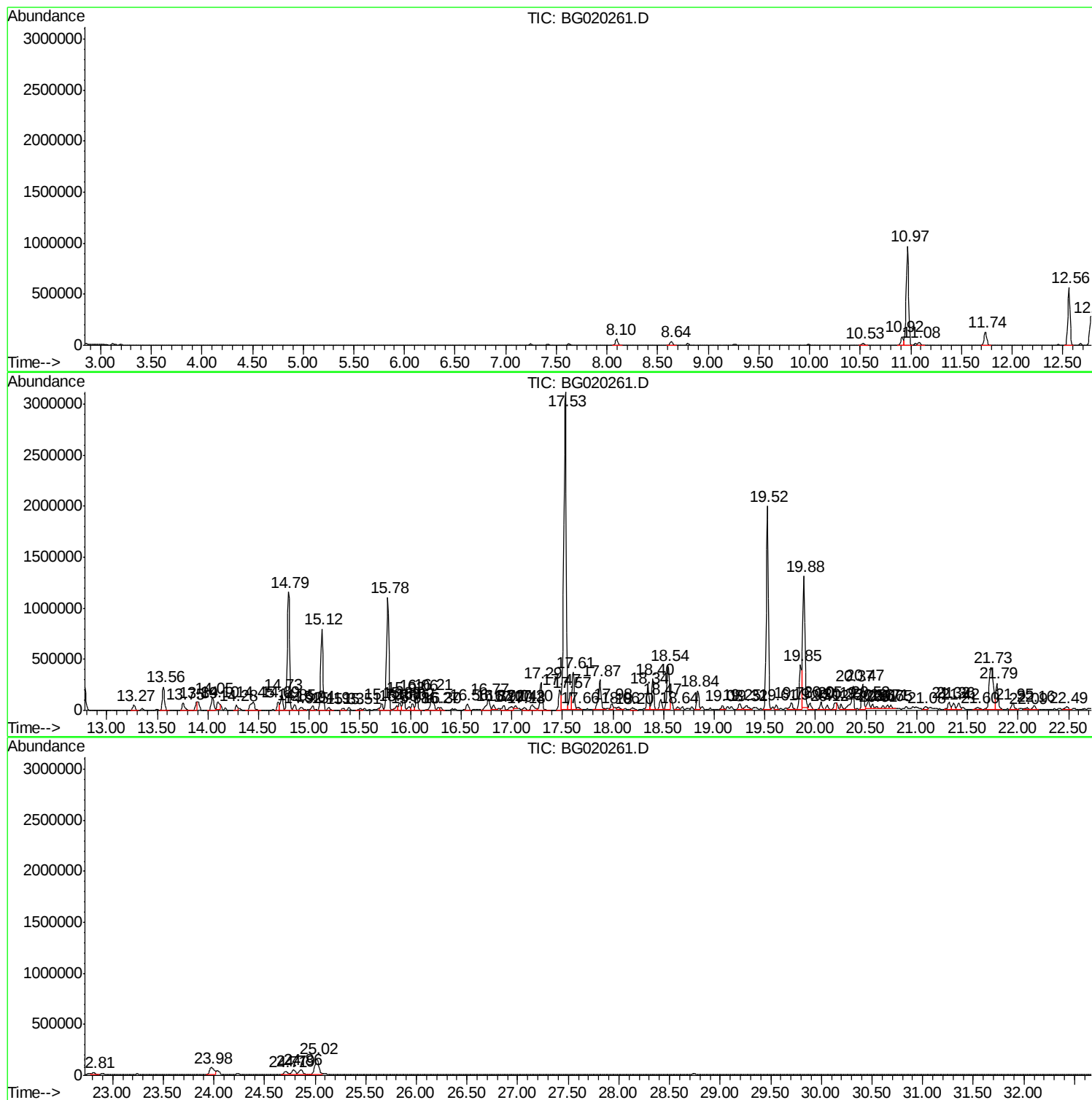
Sum of corrected areas: 33753810

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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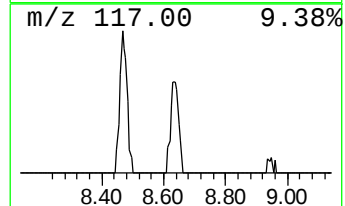
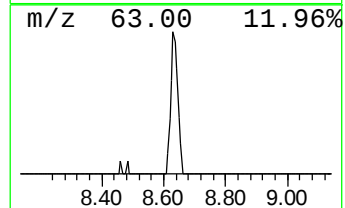
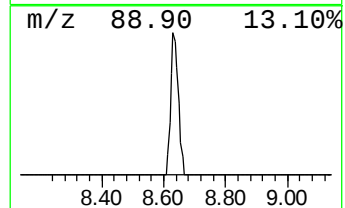
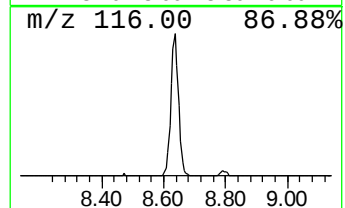
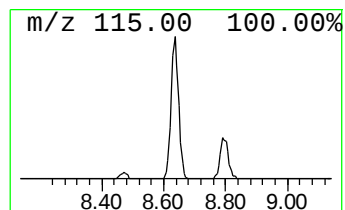
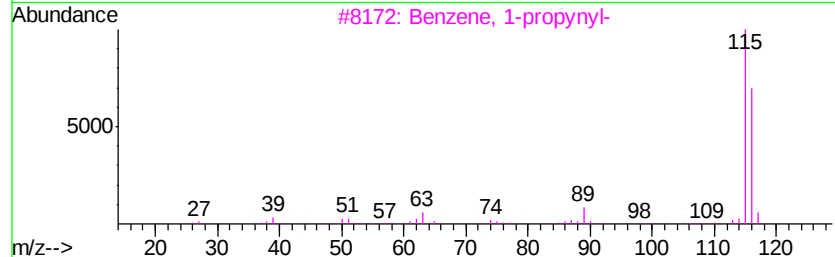
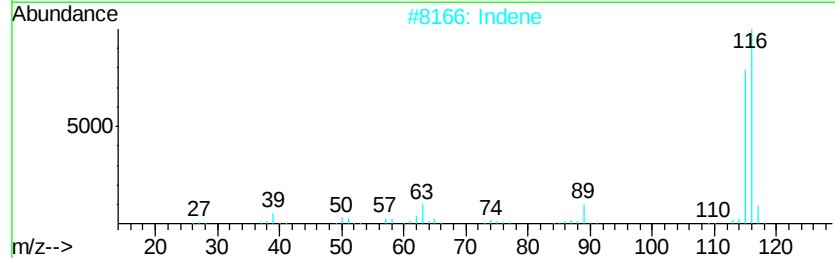
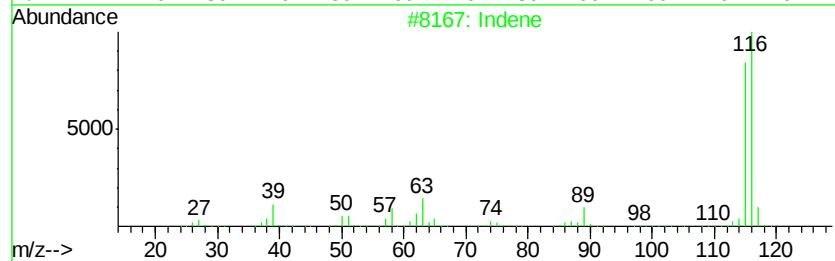
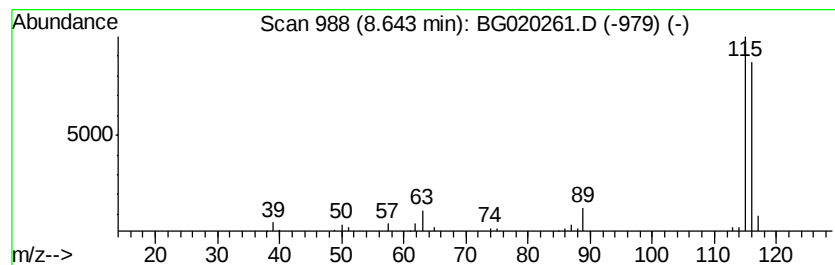
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	13.11 ng/ul	66718	1,4-Dichlorobenzene-d4	8.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



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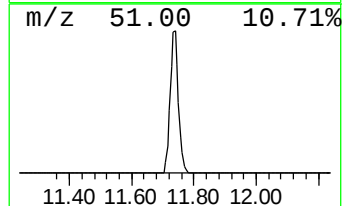
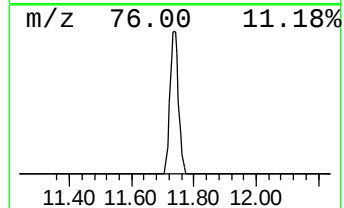
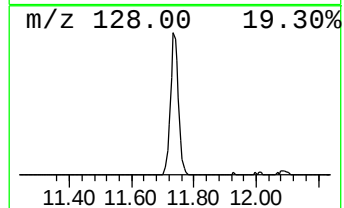
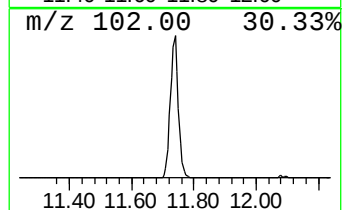
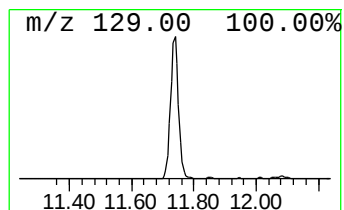
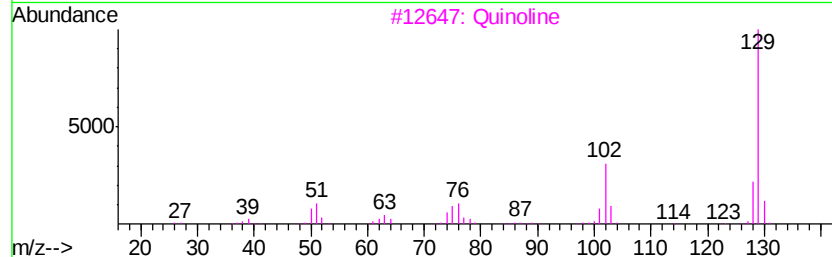
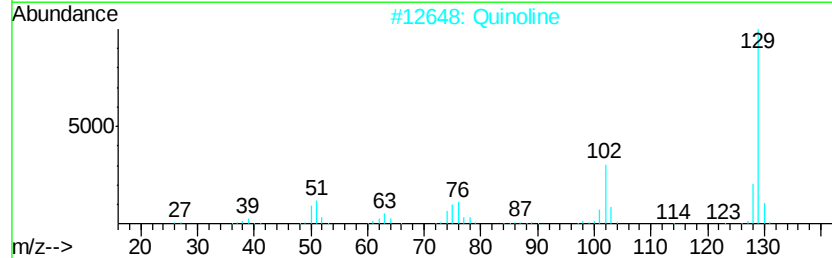
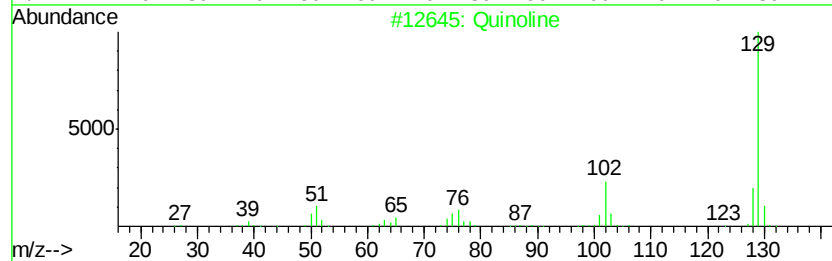
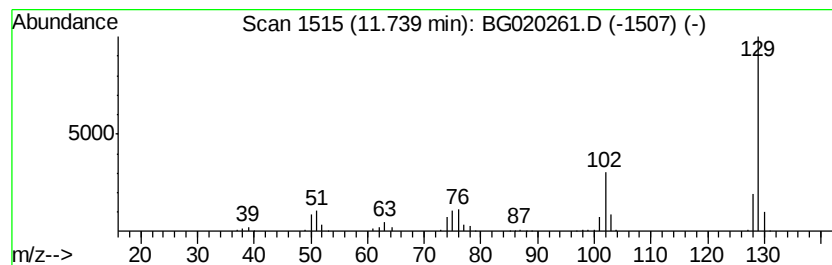
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Quinoline Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	31.91 ng/ul	234805	Napthalene-d8	10.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline	129	C9H7N	000091-22-5	97
2		Quinoline	129	C9H7N	000091-22-5	96
3		Quinoline	129	C9H7N	000091-22-5	96
4		Isoquinoline	129	C9H7N	000119-65-3	95
5		Isoquinoline	129	C9H7N	000119-65-3	95



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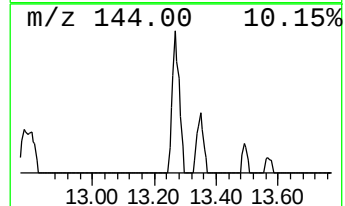
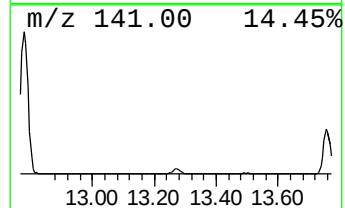
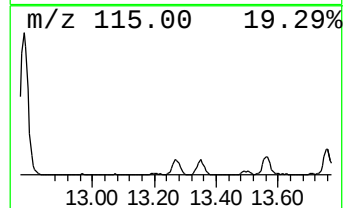
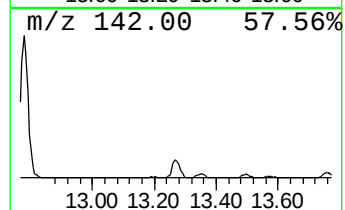
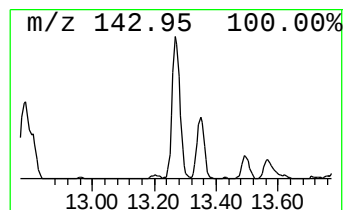
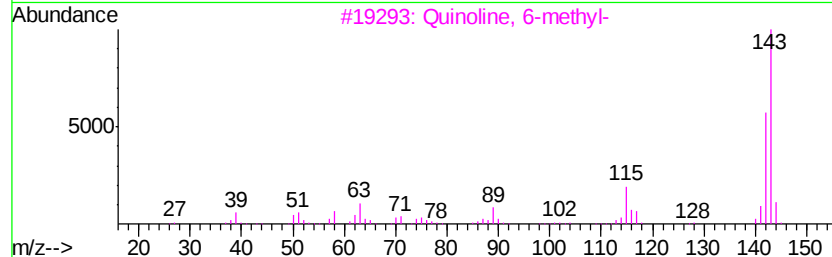
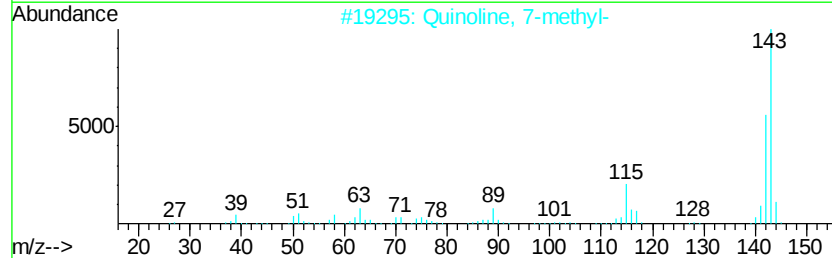
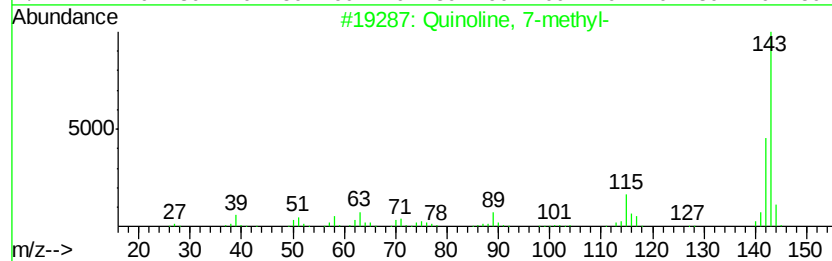
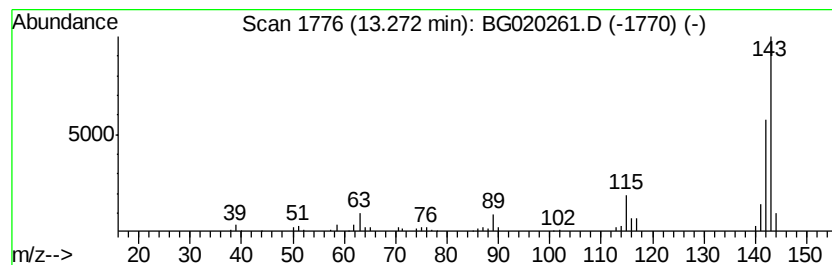
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Peak Number 3 Quinoline, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.18 ng/ul	89875	Acenaphthene-d10	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Quinoline, 7-methyl-	143	C10H9N	000612-60-2 96
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2 96
3	Quinoline, 6-methyl-	143	C10H9N	000091-62-3 96
4	Quinoline, 8-methyl-	143	C10H9N	000611-32-5 96
5	Quinoline, 8-methyl-	143	C10H9N	000611-32-5 96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

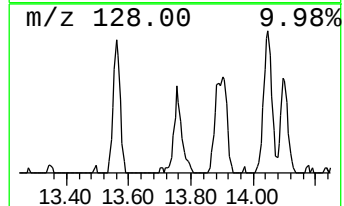
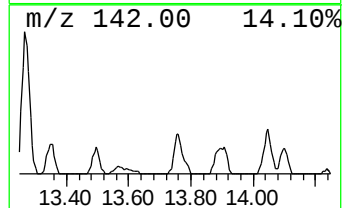
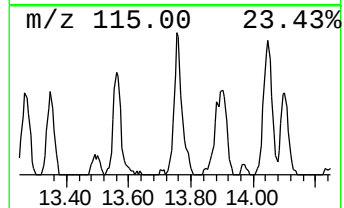
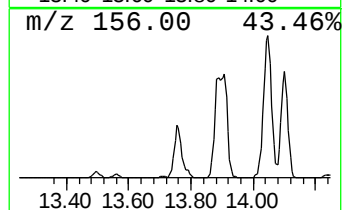
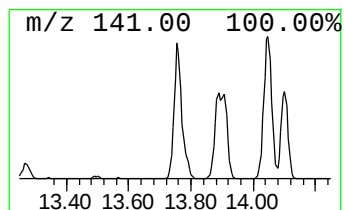
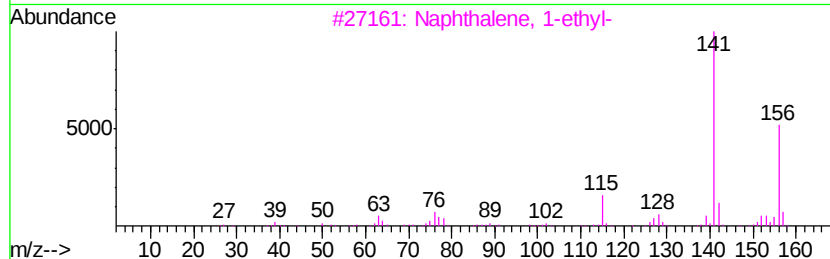
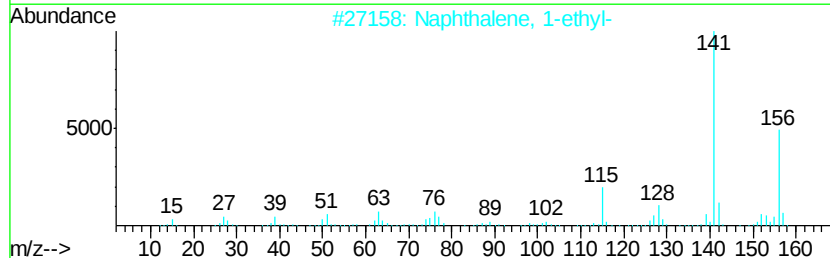
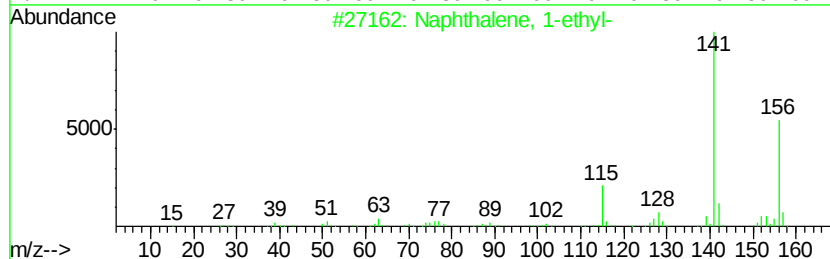
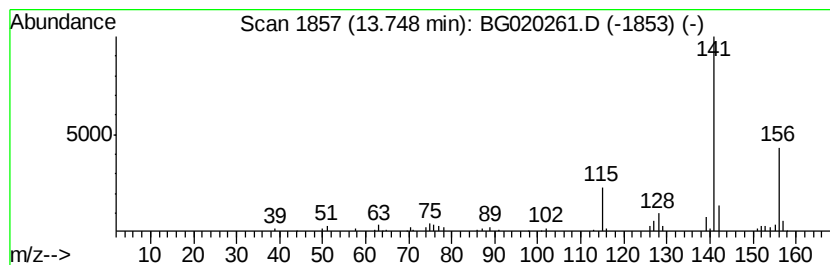
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	10.07 ng/ul	125946	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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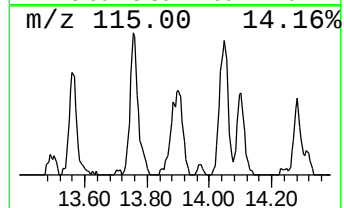
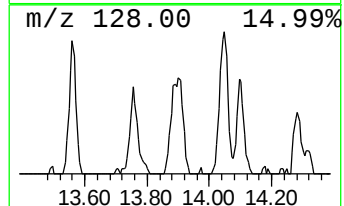
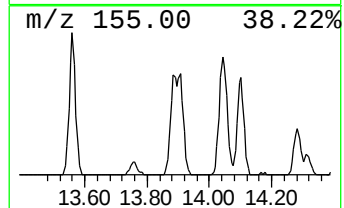
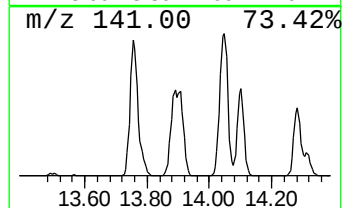
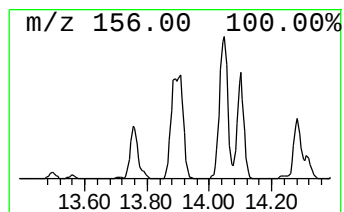
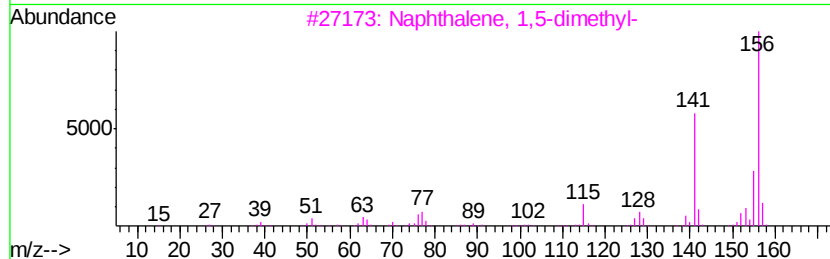
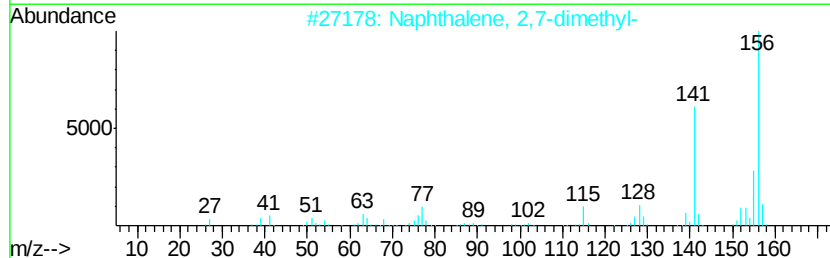
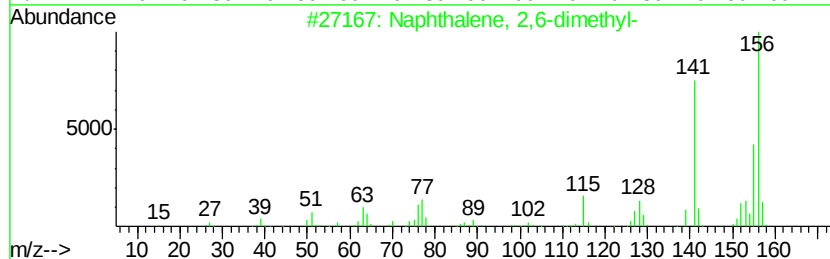
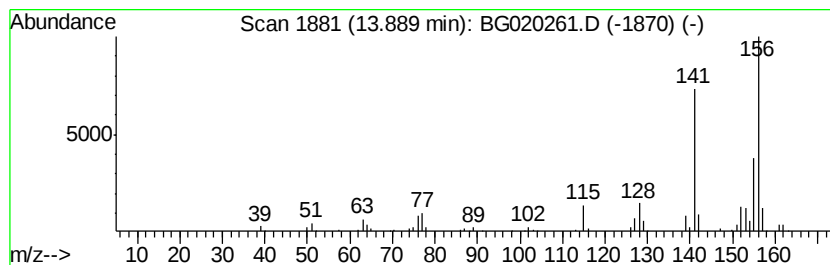
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.87 ng/ul	123540	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D9N41DL

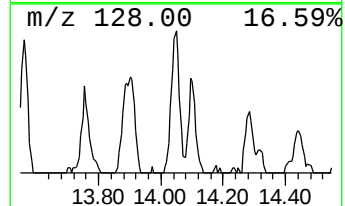
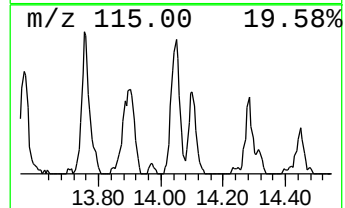
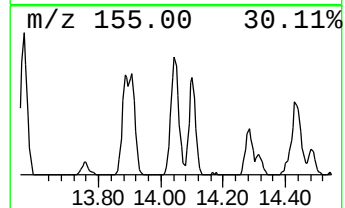
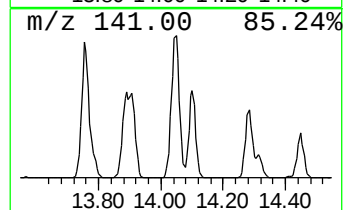
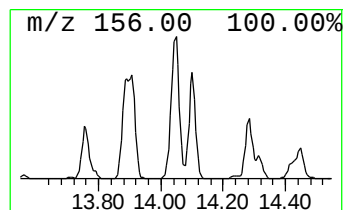
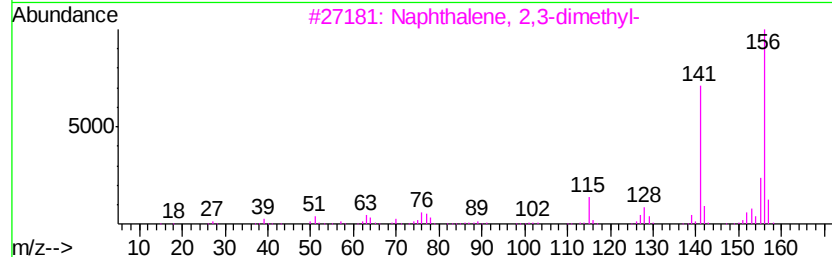
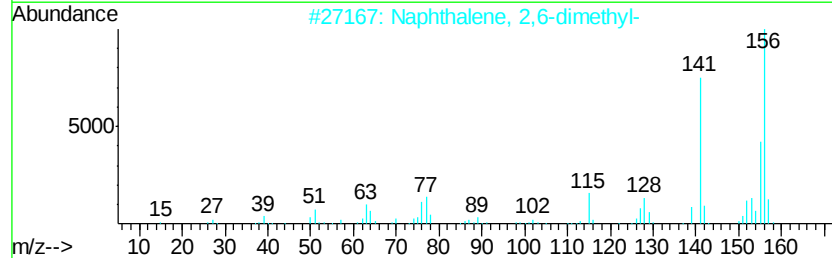
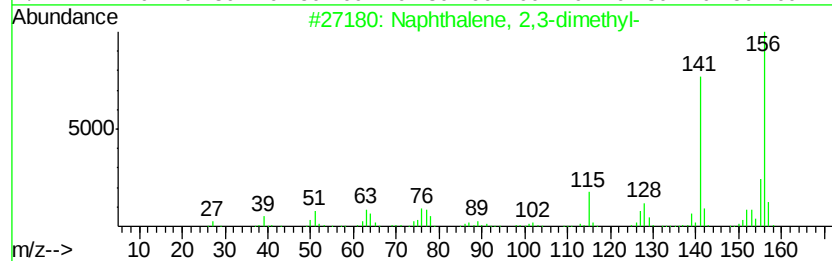
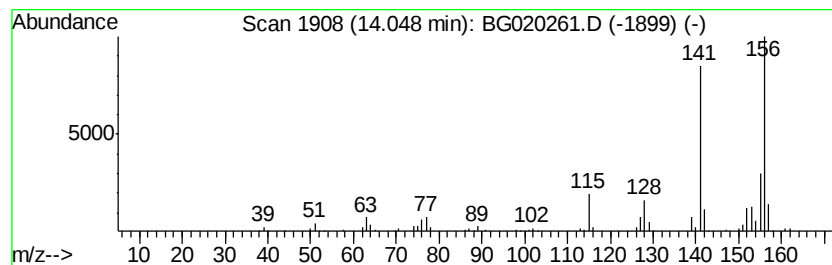
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	17.97 ng/ul	224893	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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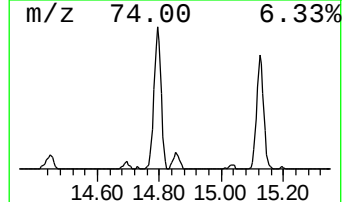
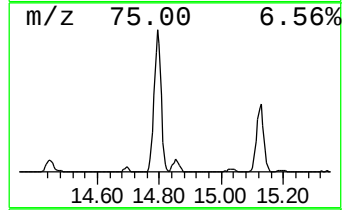
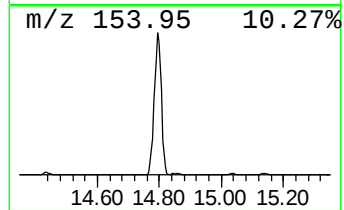
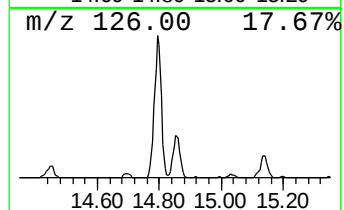
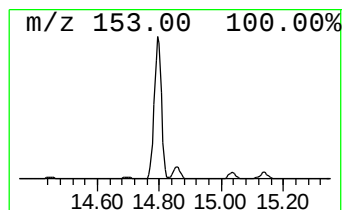
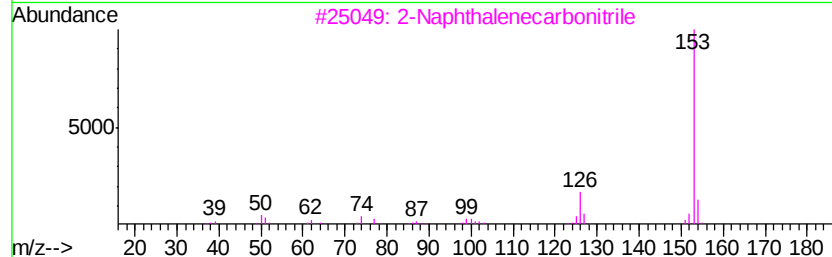
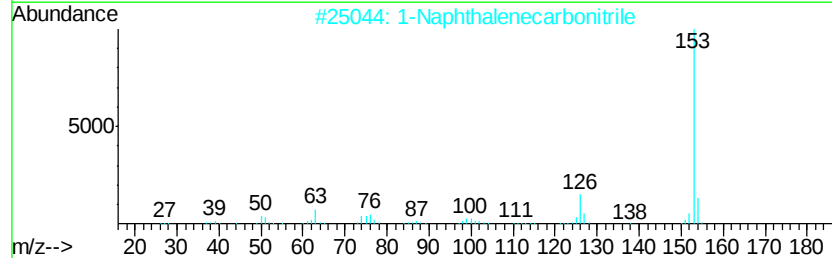
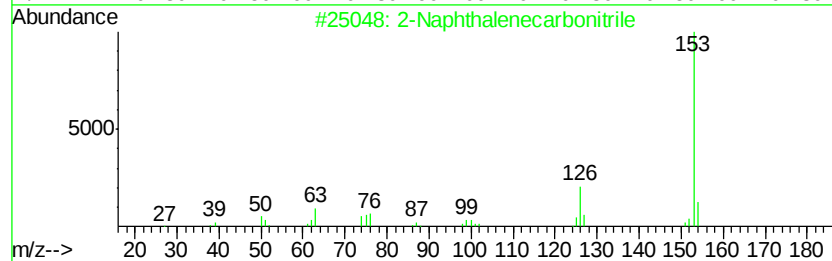
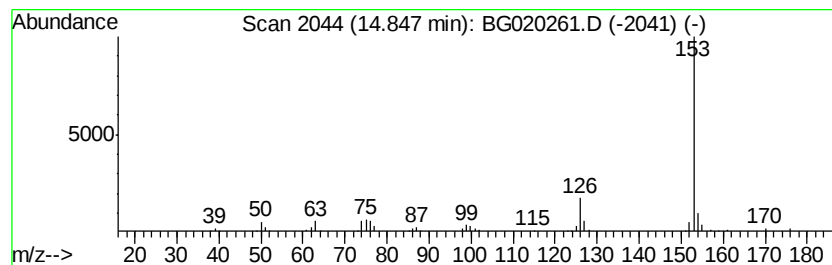
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Naphthalenecarbonitrile Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	6.89 ng/ul	86146	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
2			1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3			2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4			1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5			2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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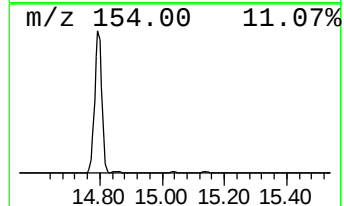
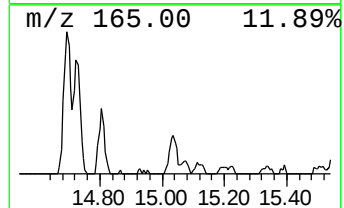
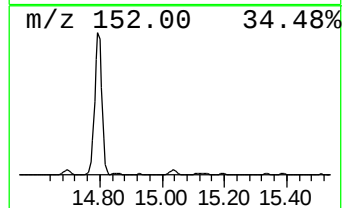
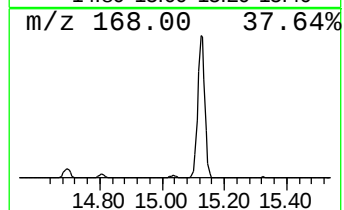
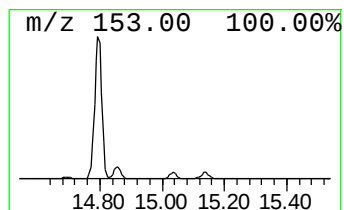
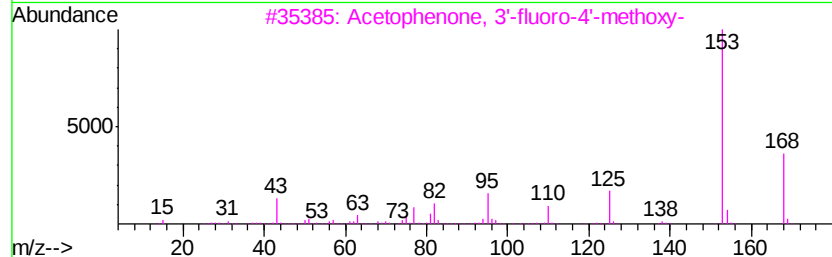
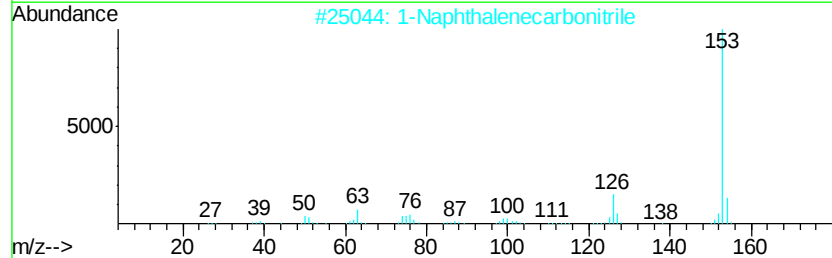
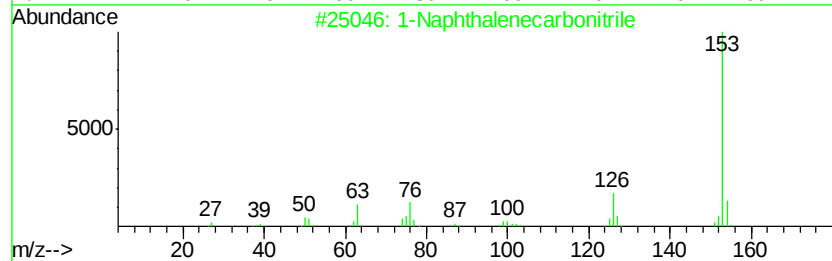
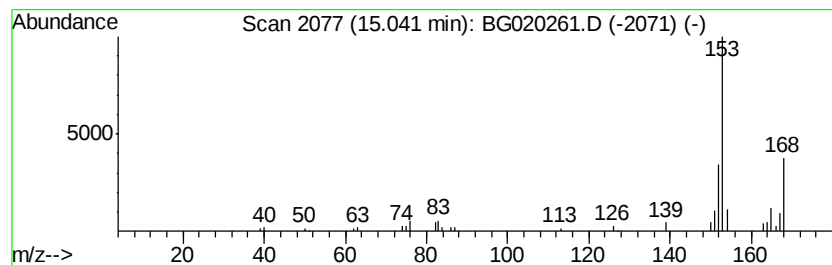
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Naphthalenecarbonitrile Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.70 ng/ul	71299	Acenaphthene-d10	14.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	38	
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	32	
3	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9F02	000455-91-4	25	
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	23	
5	2(1H)-Pyridinethione, 1,4,6-trim...	153	C8H11NS	019006-70-3	9	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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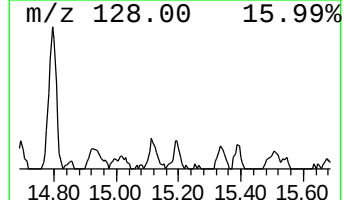
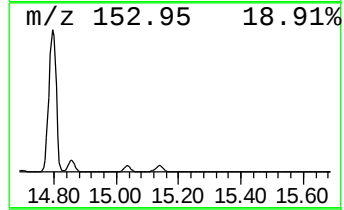
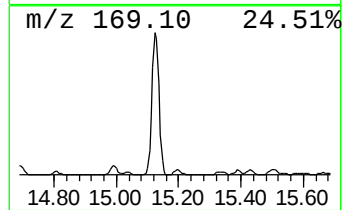
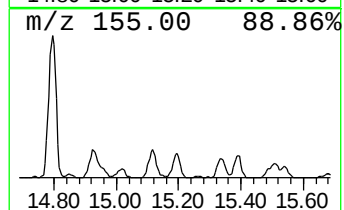
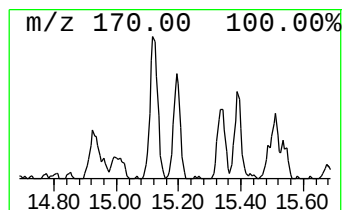
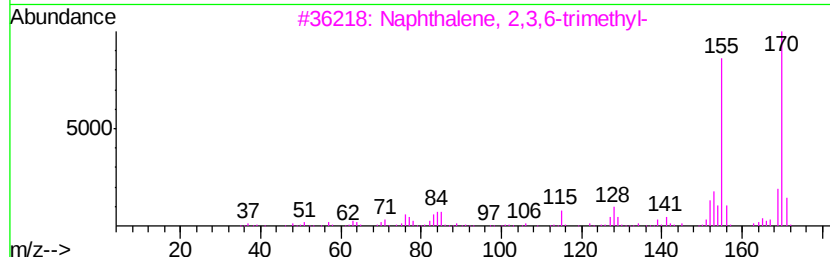
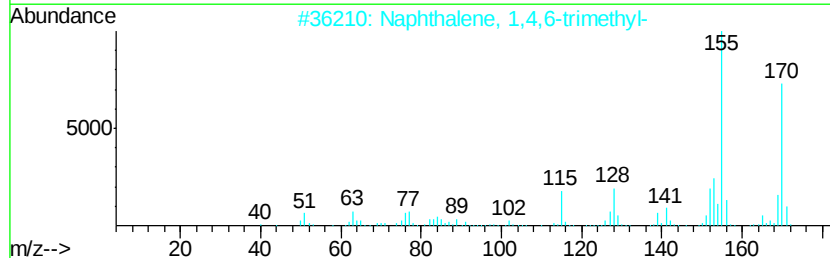
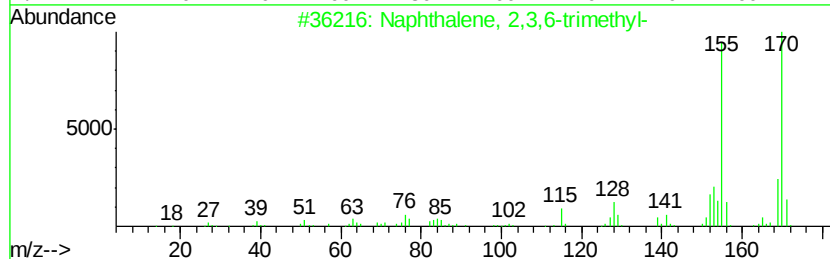
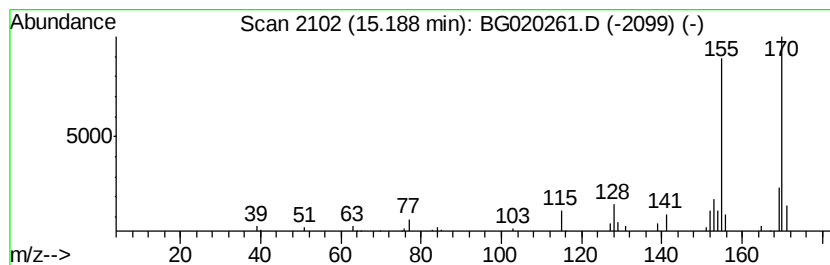
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.74 ng/ul	46819	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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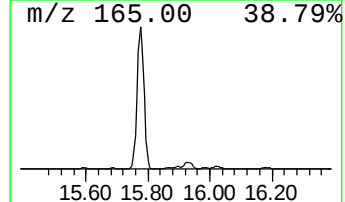
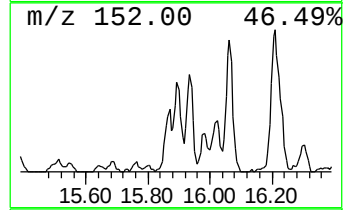
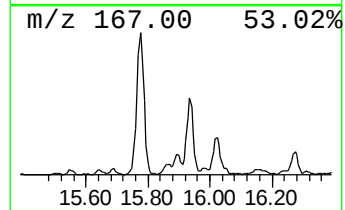
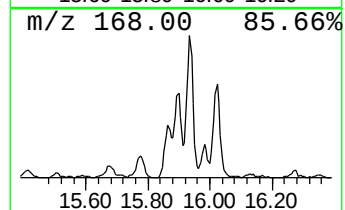
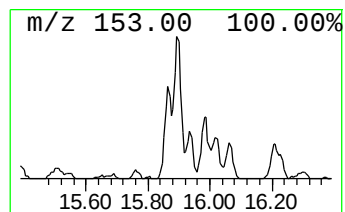
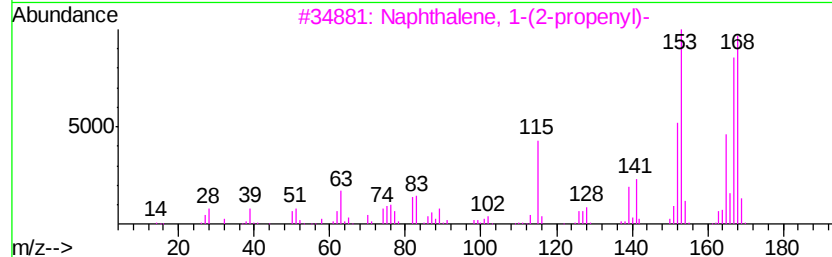
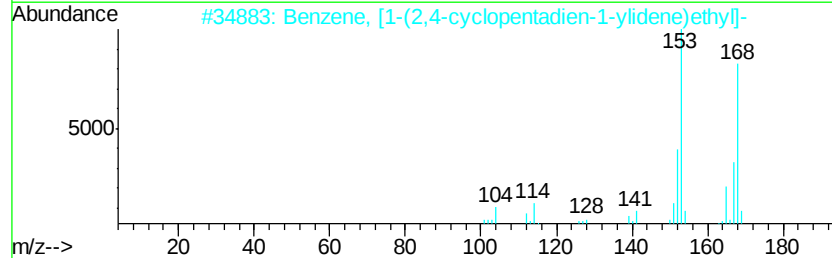
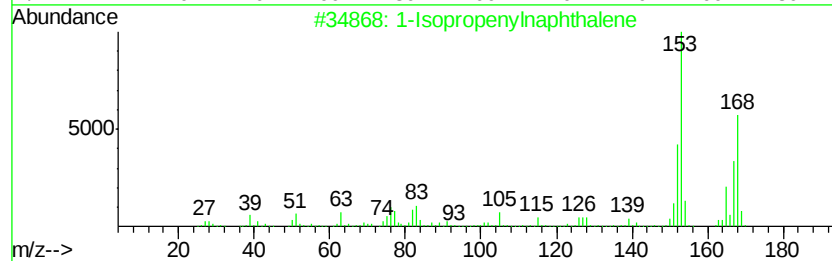
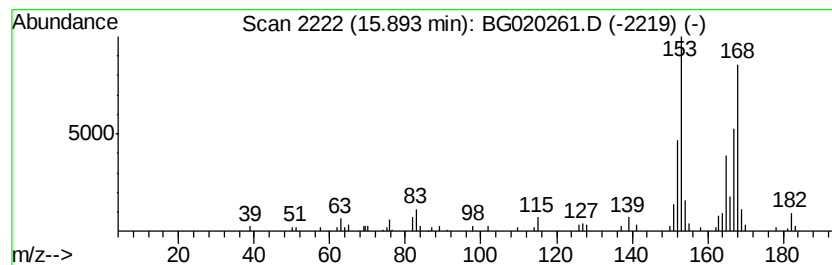
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	9.35 ng/ul	117044	Acenaphthene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	47
5			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

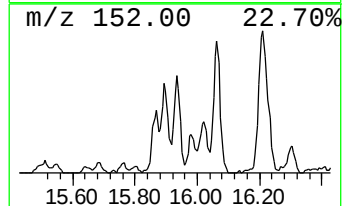
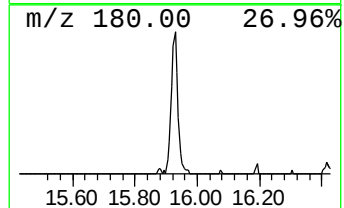
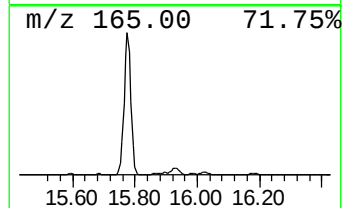
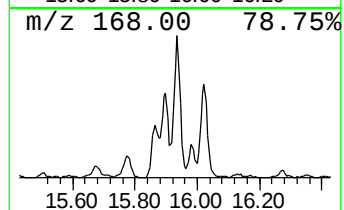
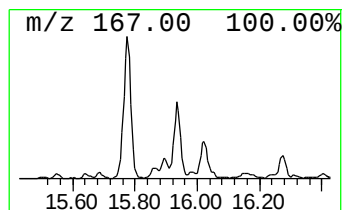
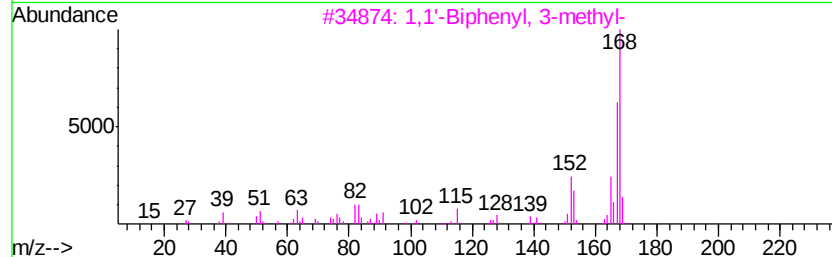
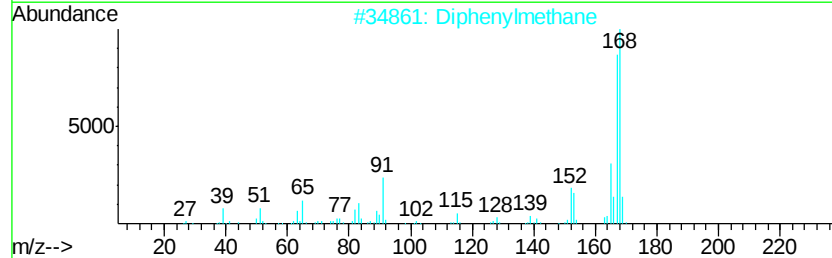
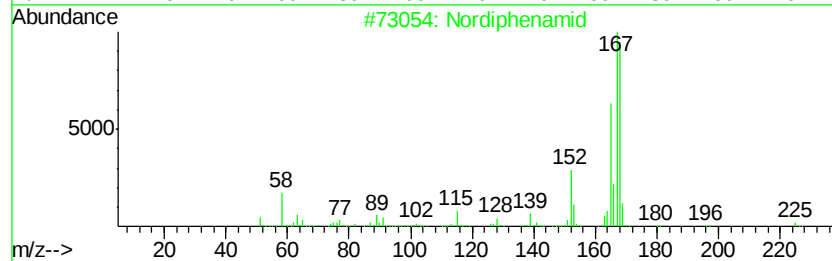
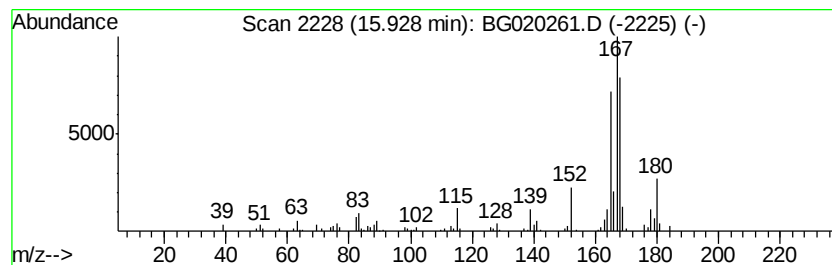
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Nordiphenamid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	16.75 ng/ul	209508	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nordiphenamid	225	C15H15NO	000954-21-2	86
2		Diphenylmethane	168	C13H12	000101-81-5	68
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
4		Diphenylmethane	168	C13H12	000101-81-5	58
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D9N41DL

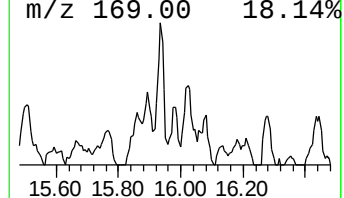
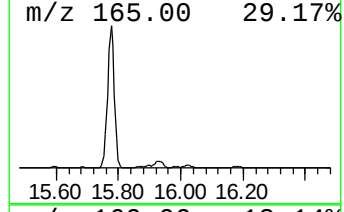
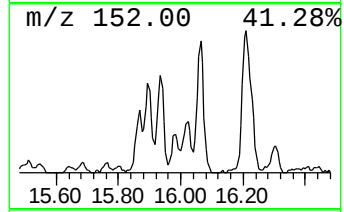
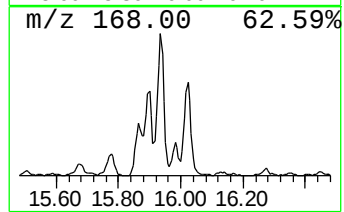
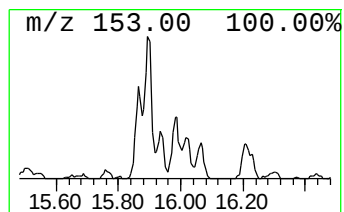
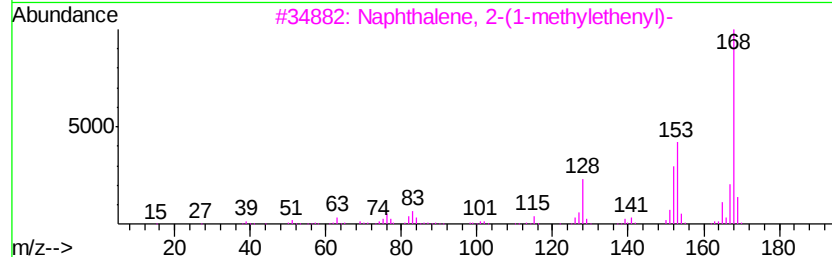
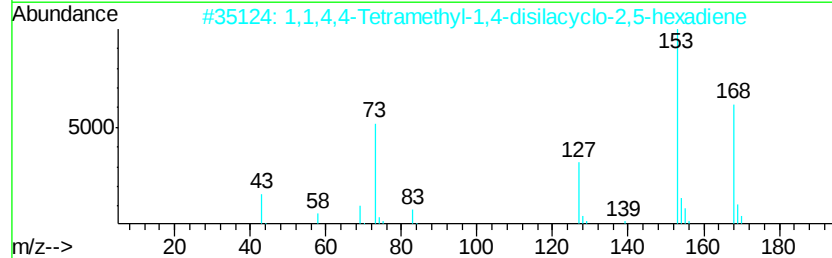
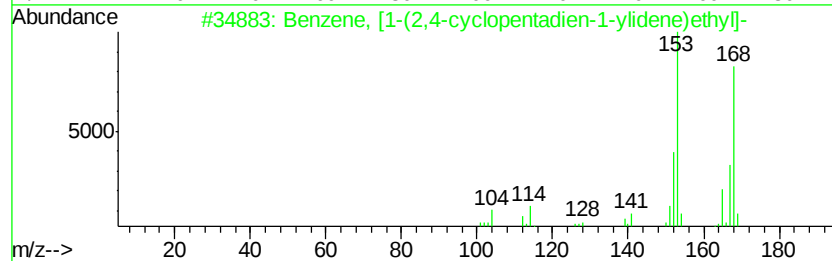
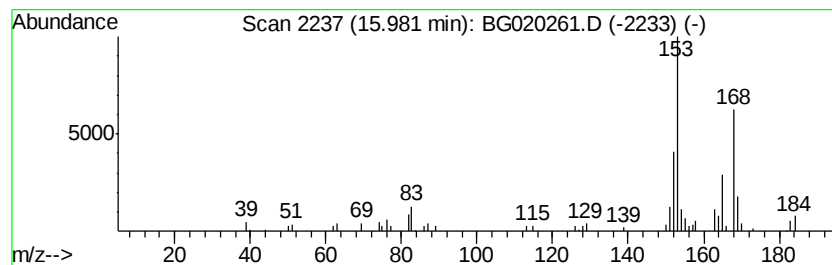
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, [1-(2,4-cyclopenta... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	4.81 ng/ul	60234	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	58
2		1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	53
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
5		1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

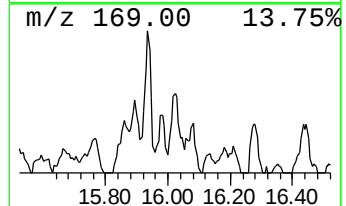
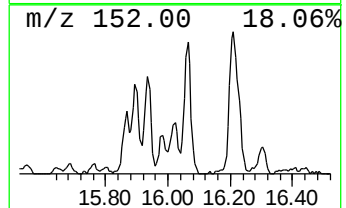
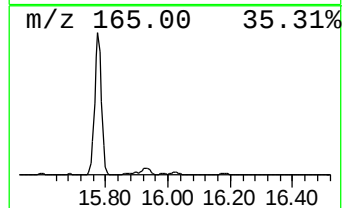
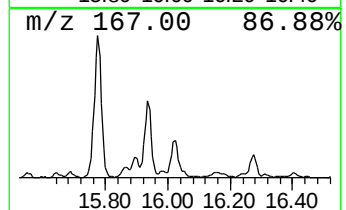
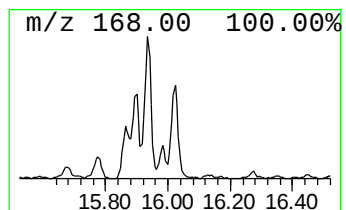
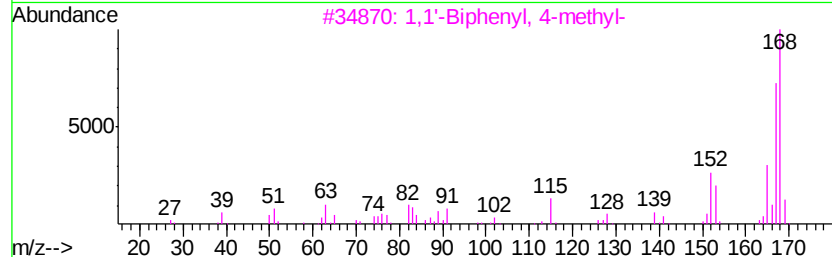
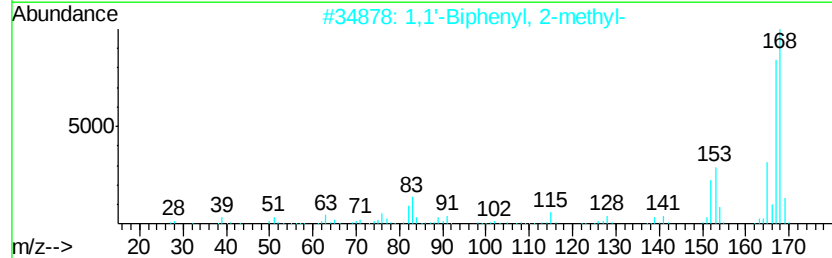
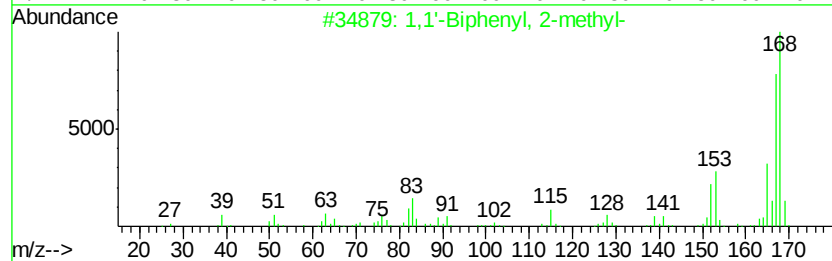
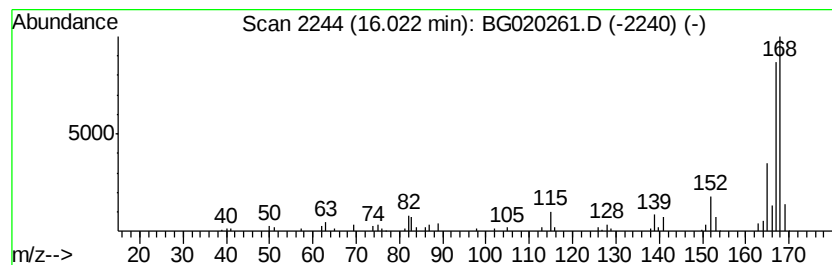
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1,1'-Biphenyl, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.02	8.58 ng/ul	107329	Acenaphthene-d10		14.73
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	87
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	87
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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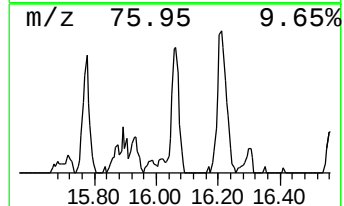
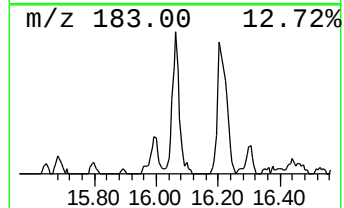
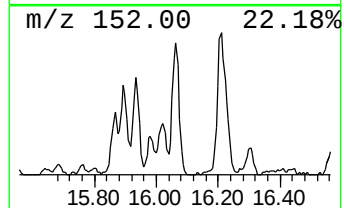
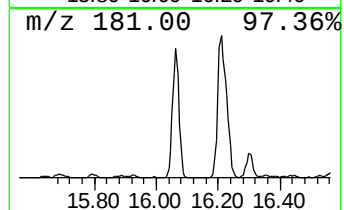
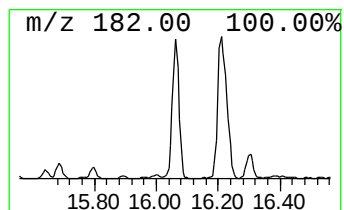
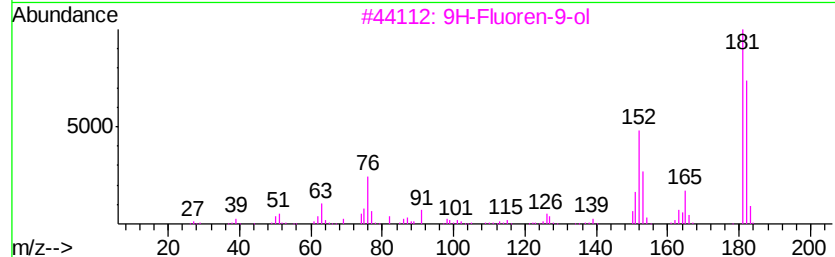
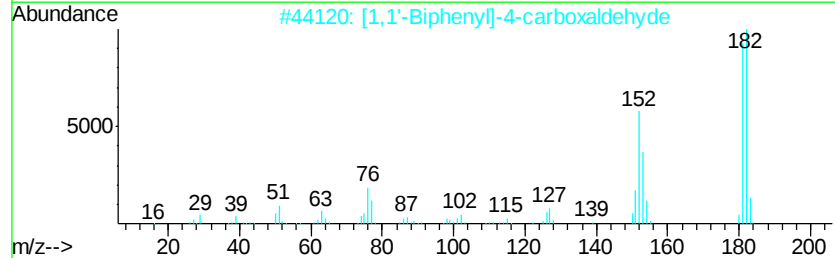
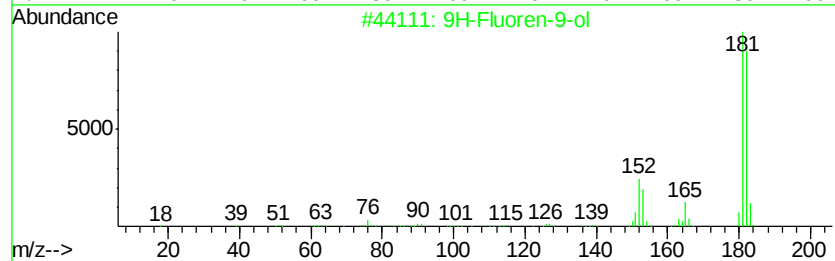
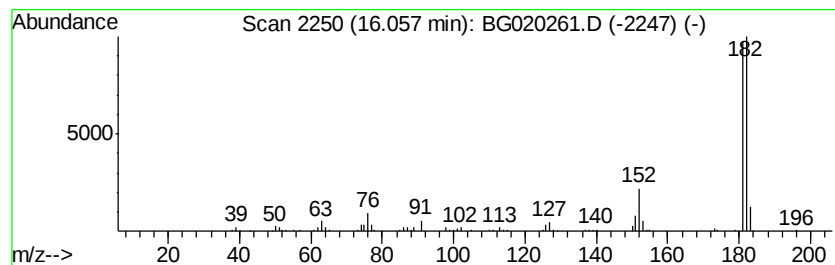
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9H-Fluoren-9-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	17.69 ng/ul	221272	Acenaphthene-d10	14.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	56



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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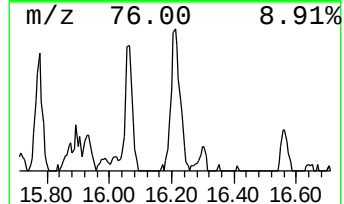
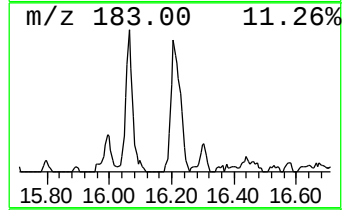
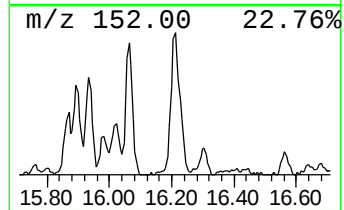
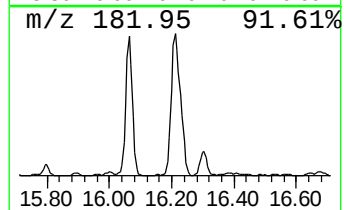
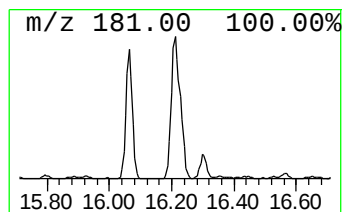
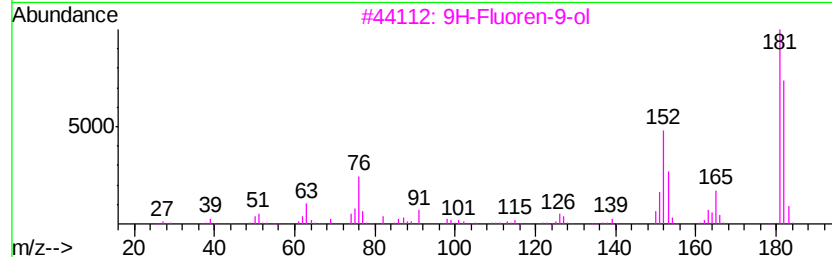
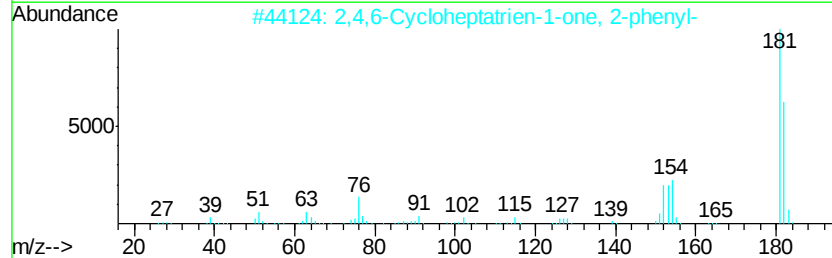
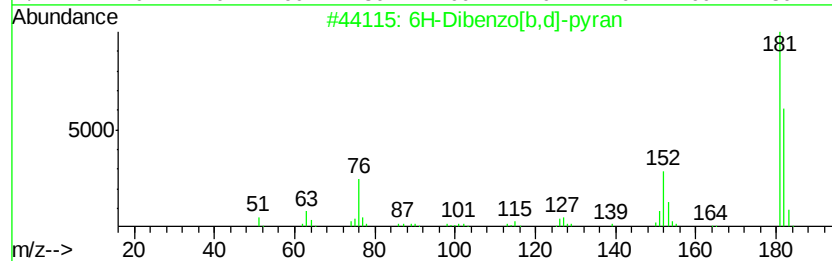
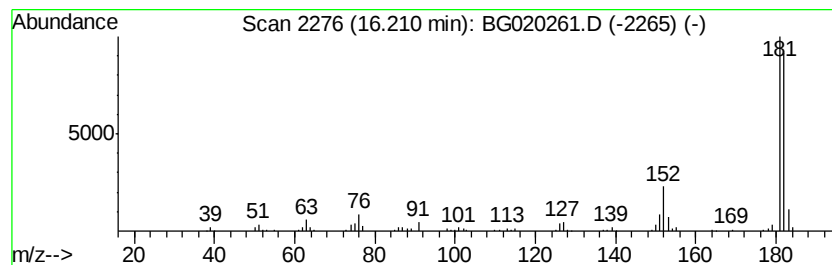
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 6H-Dibenzo[b,d]-pyran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	19.88 ng/ul	351672	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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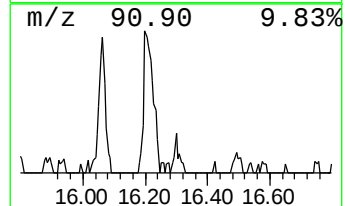
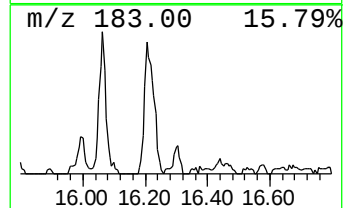
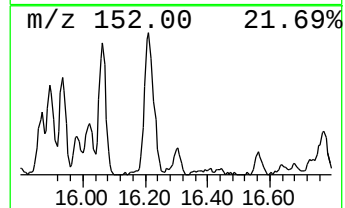
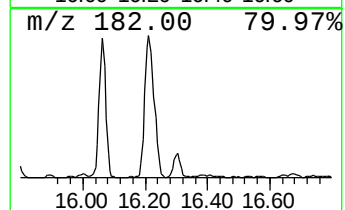
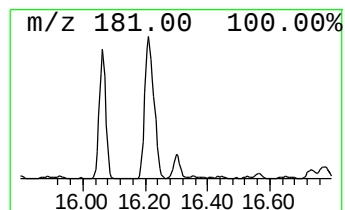
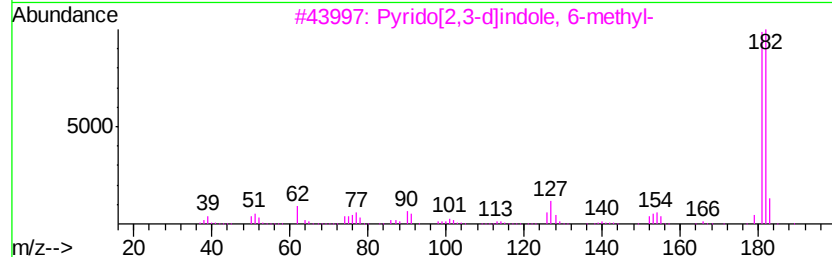
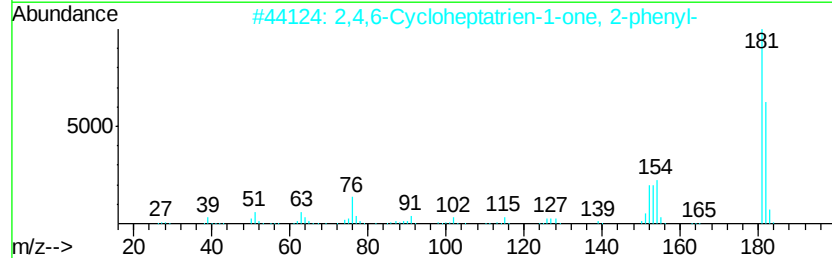
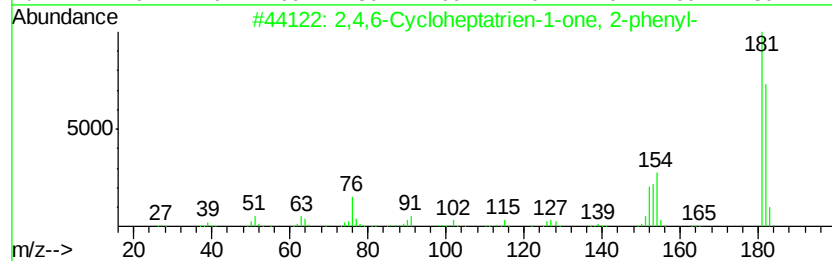
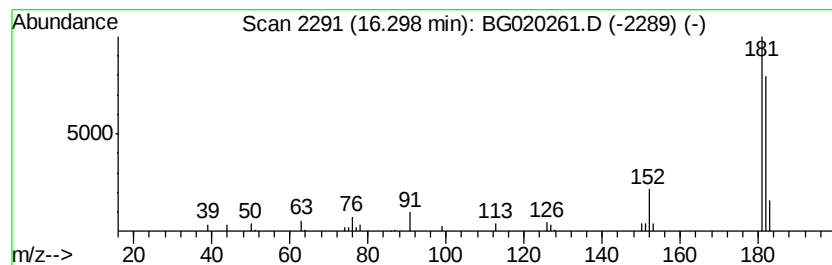
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2,4,6-Cycloheptatrien-1-one... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.14 ng/ul	37778	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3			Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
4			Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
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ALS Vial : 14 Sample Multiplier: 1

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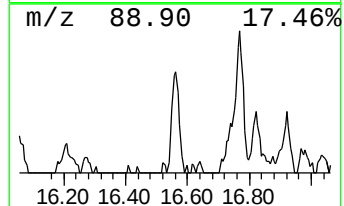
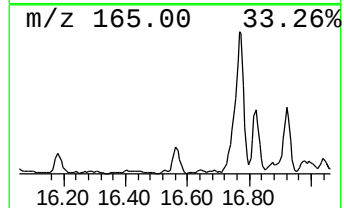
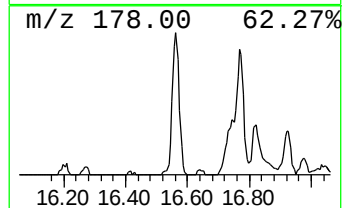
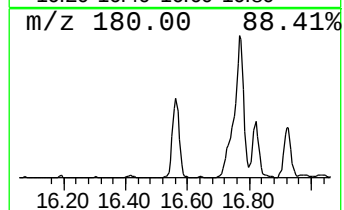
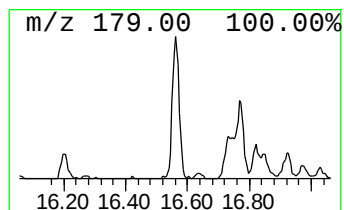
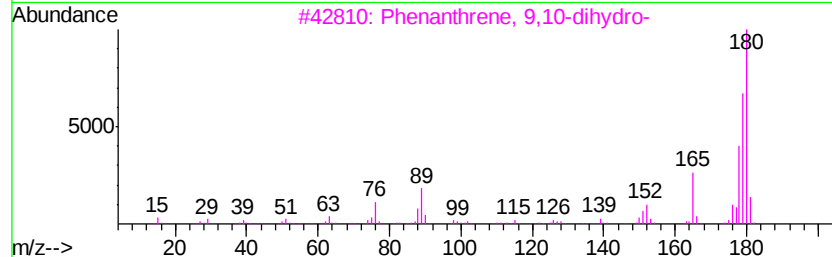
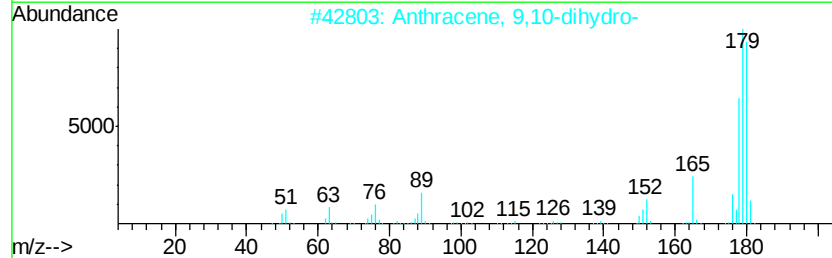
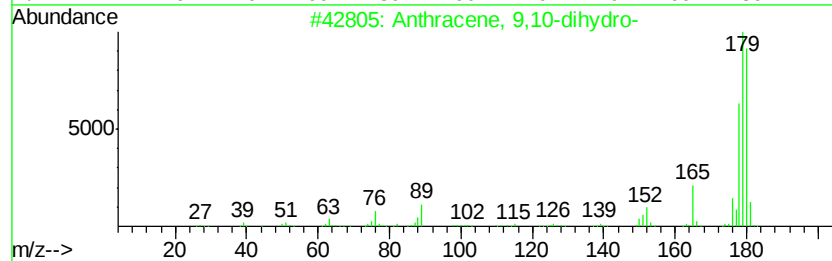
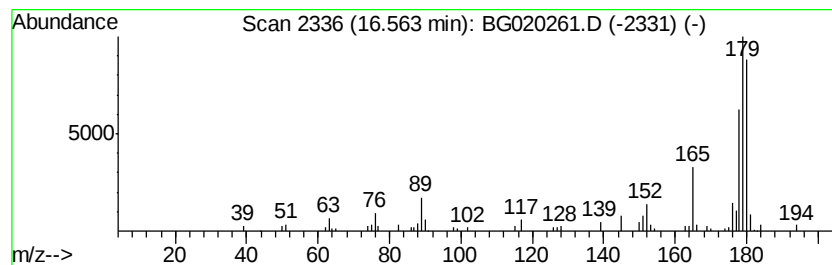
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Anthracene, 9,10-dihydro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	5.25 ng/ul	92888	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	94
2			Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	90
3			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	83
4			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	83
5			(E)-Stilbene	180	C14H12	000103-30-0	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

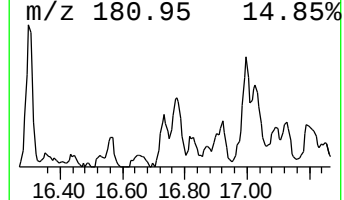
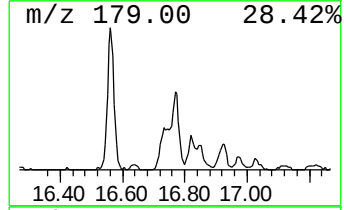
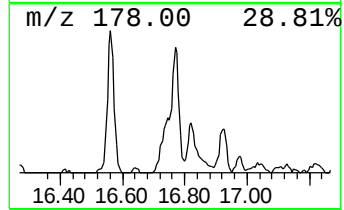
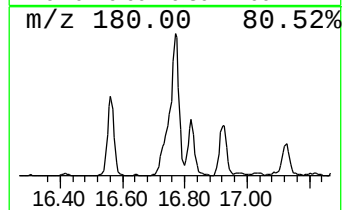
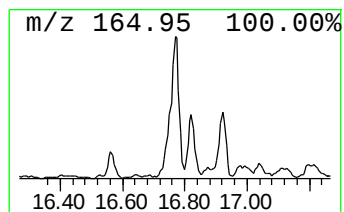
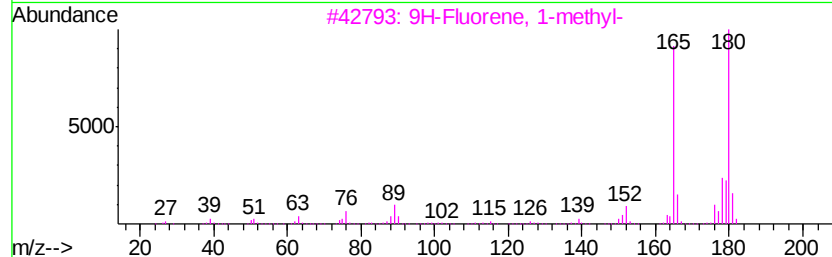
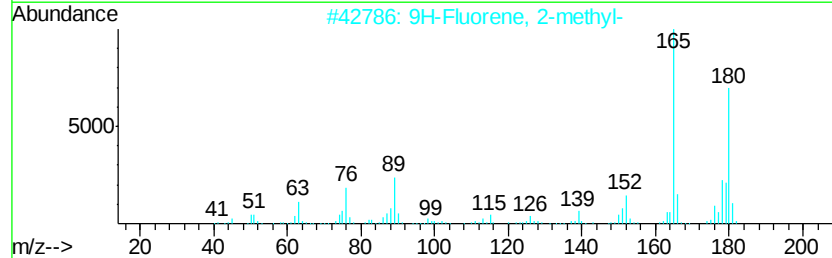
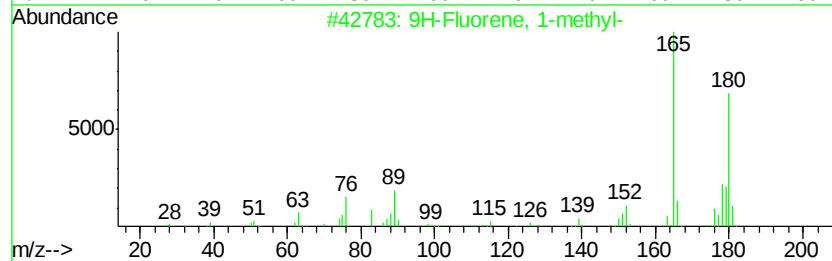
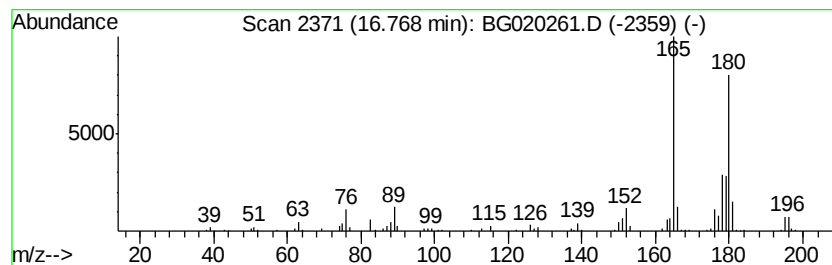
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	14.38 ng/ul	254364	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

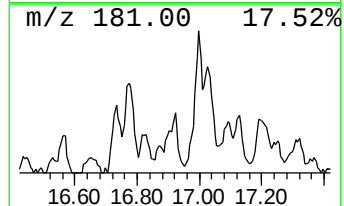
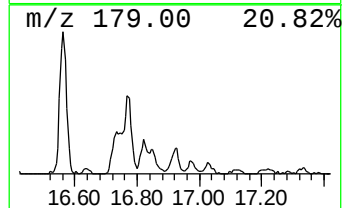
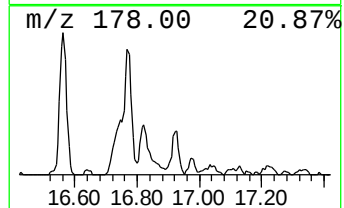
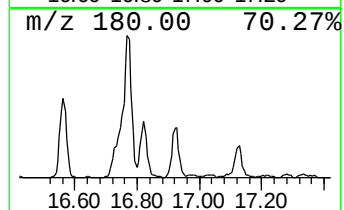
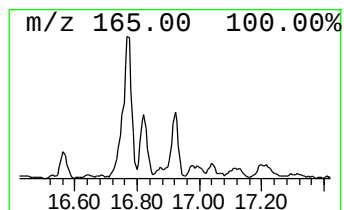
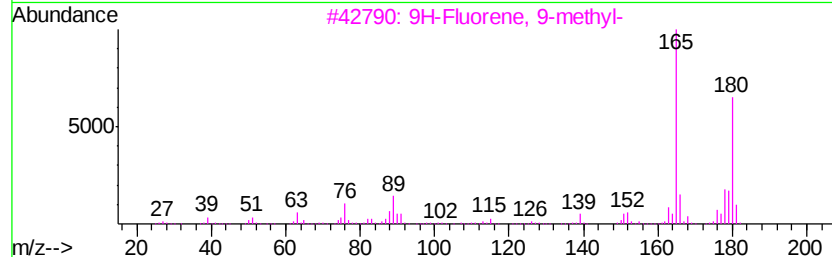
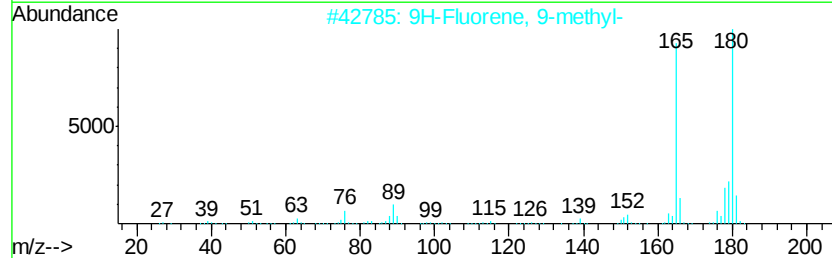
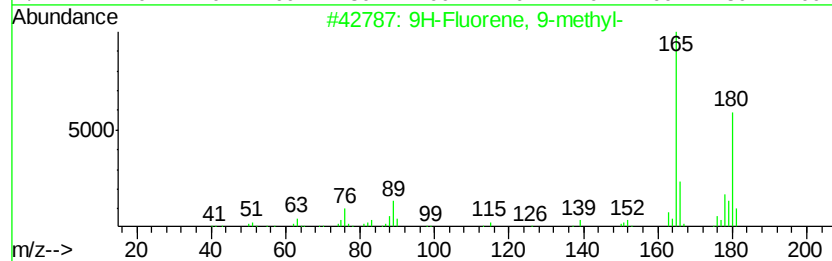
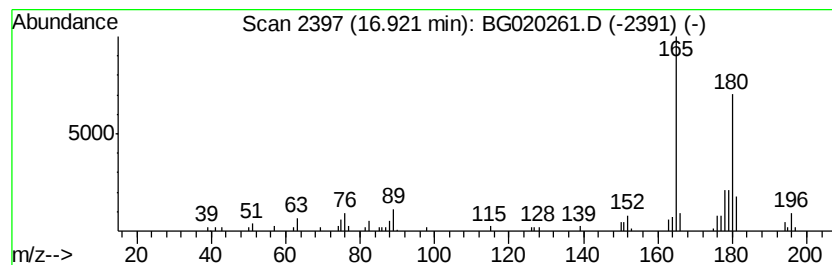
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 9H-Fluorene, 9-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	4.60 ng/ul	81304	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
D9N41DL

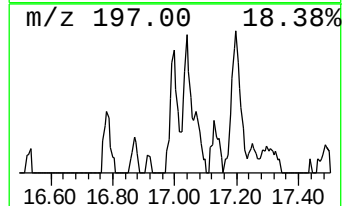
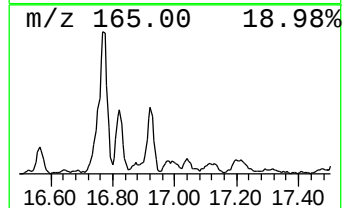
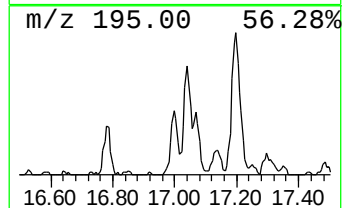
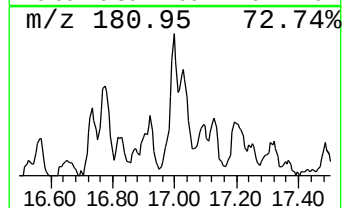
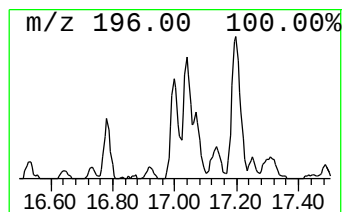
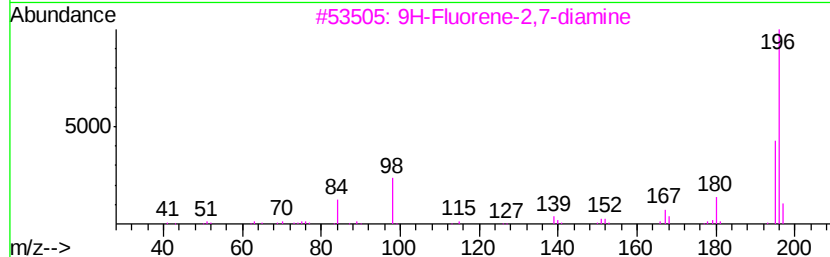
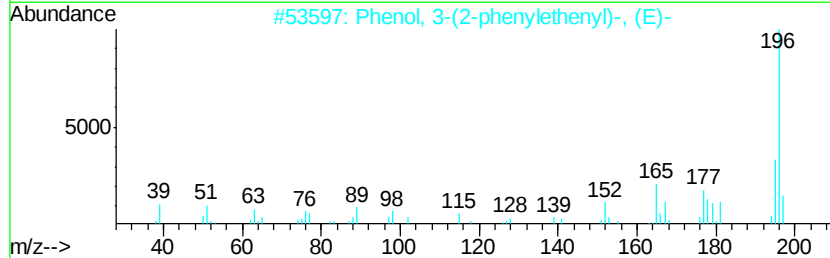
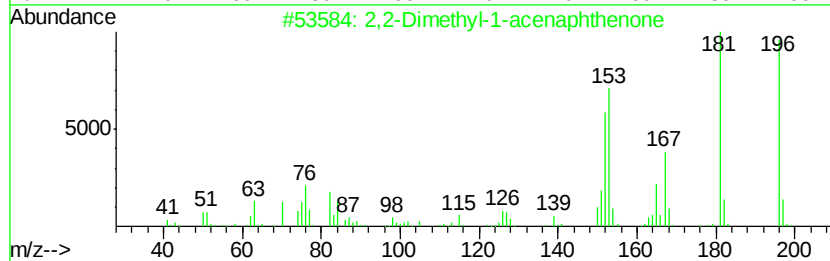
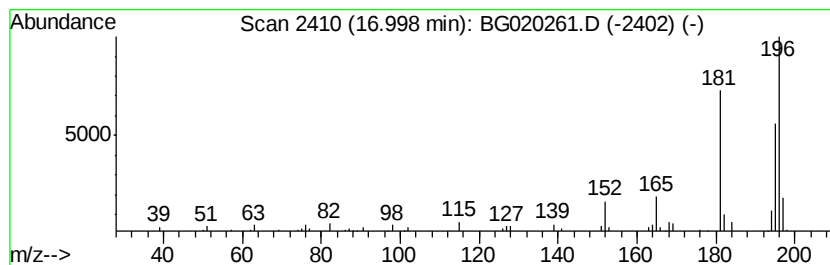
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 2,2-Dimethyl-1-acenaphthenone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	4.87 ng/ul	86187	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	62
2			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
3			9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	47
4			Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	46
5			.beta.-Carboline, 1,2-dimethyl-	196	C13H12N2	109847-05-4	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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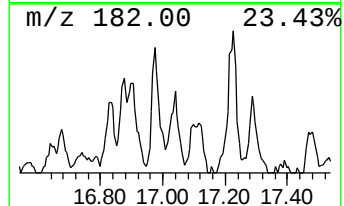
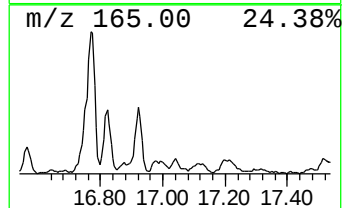
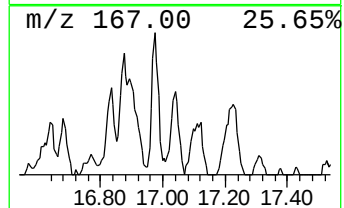
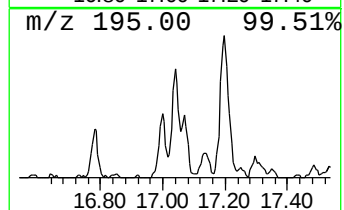
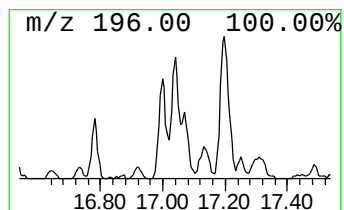
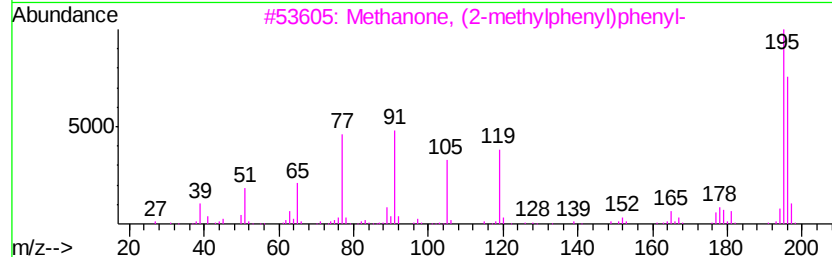
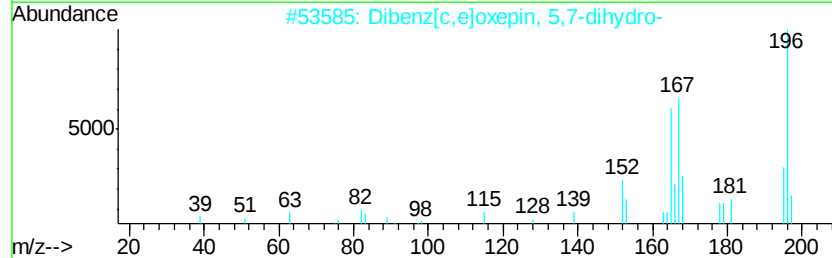
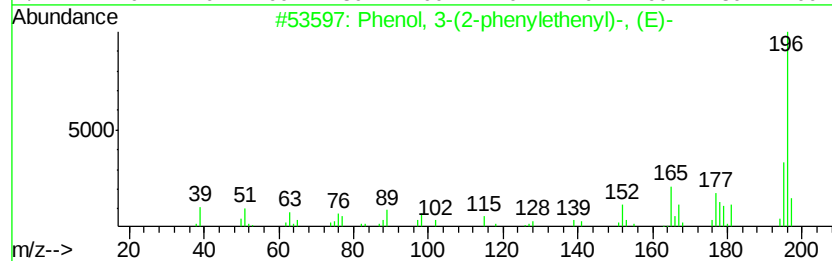
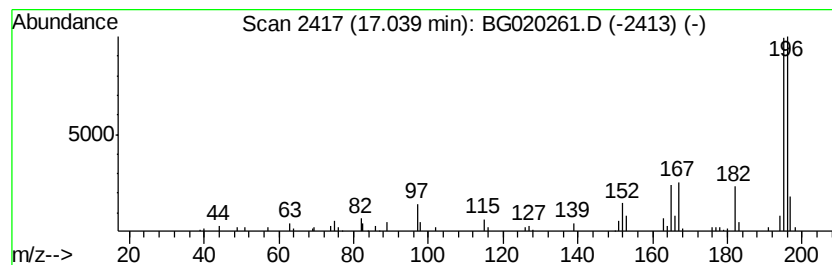
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Phenol, 3-(2-phenylethenyl)... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.27 ng/ul	40069	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
2		Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	53
3		Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	52
4		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

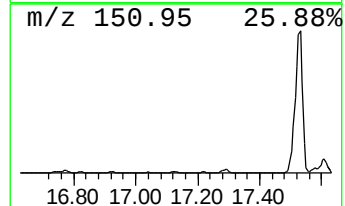
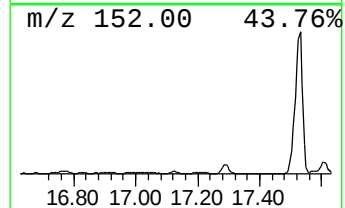
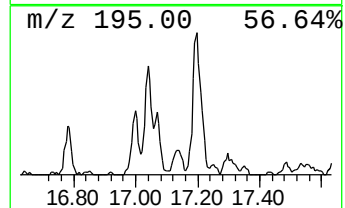
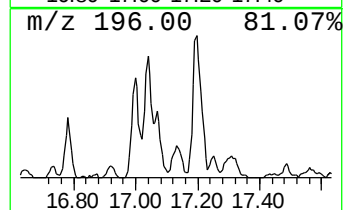
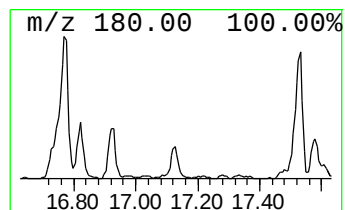
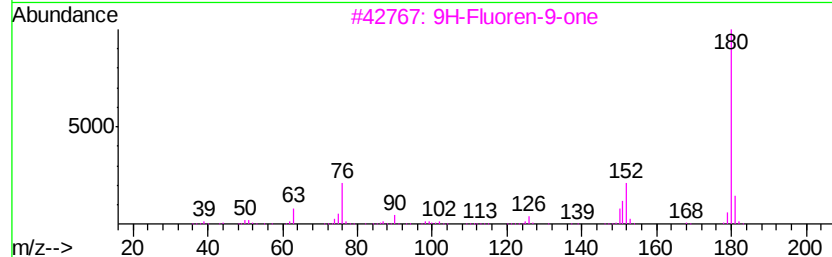
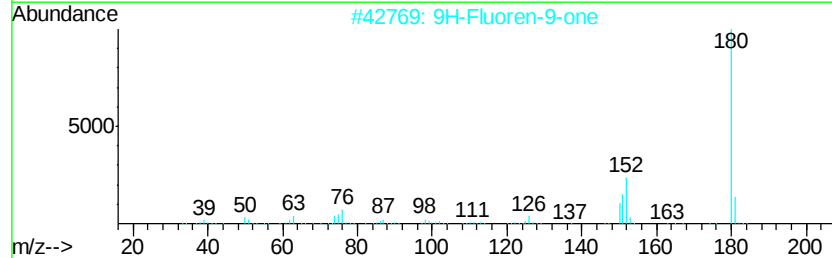
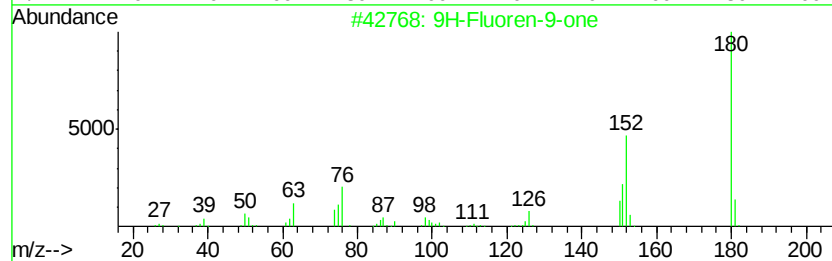
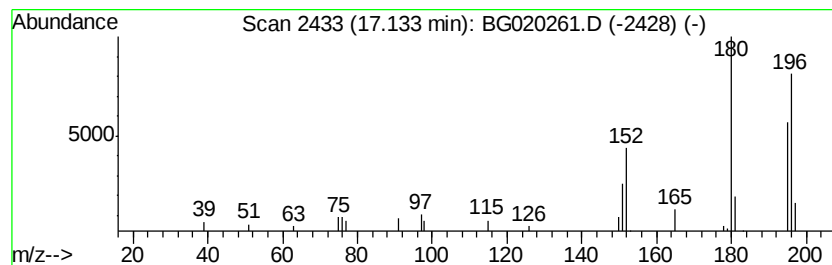
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 9H-Fluoren-9-one Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.46 ng/ul	43438	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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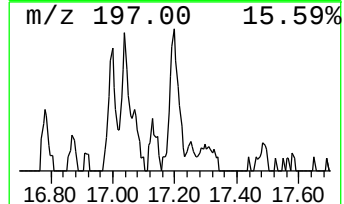
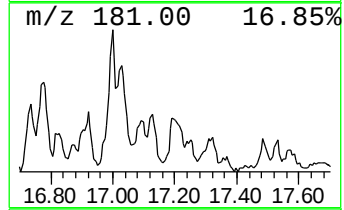
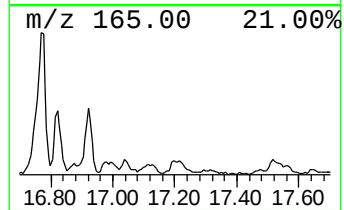
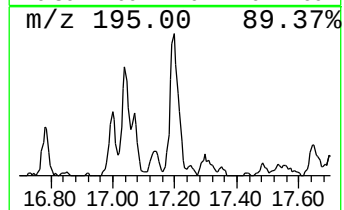
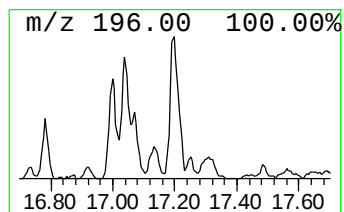
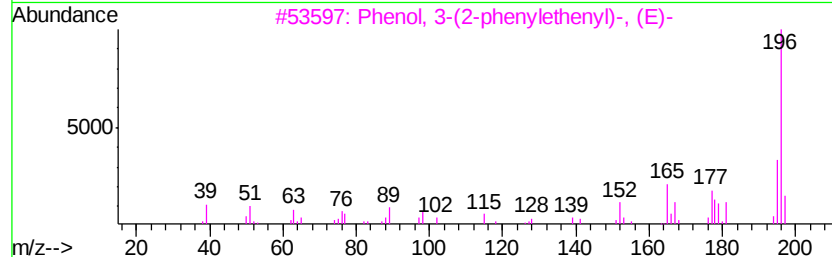
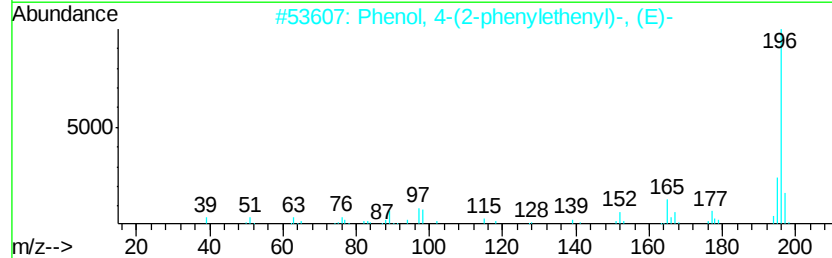
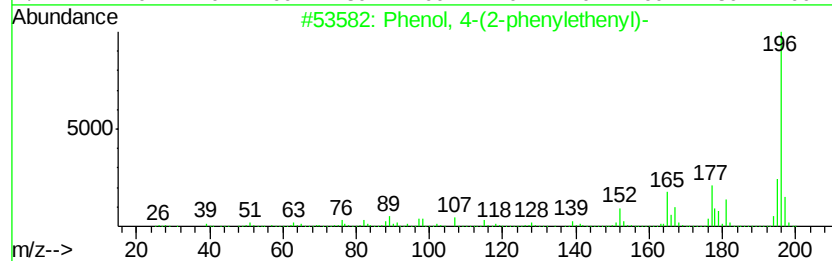
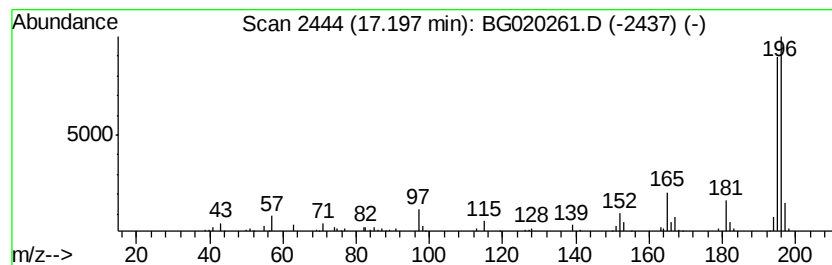
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Phenol, 4-(2-phenylethenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	7.51 ng/ul	132792	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	70
2			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
3			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
4			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
5			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

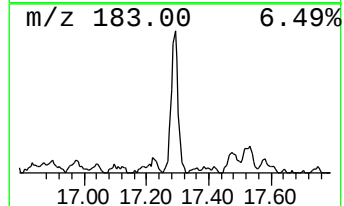
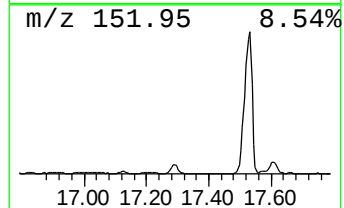
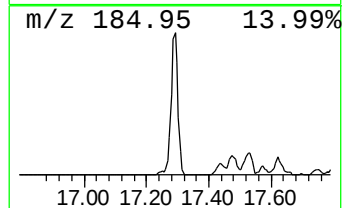
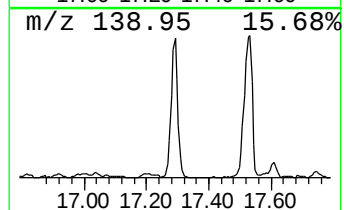
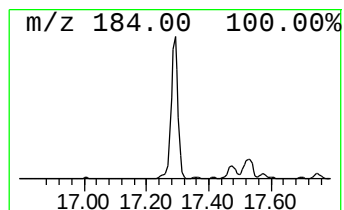
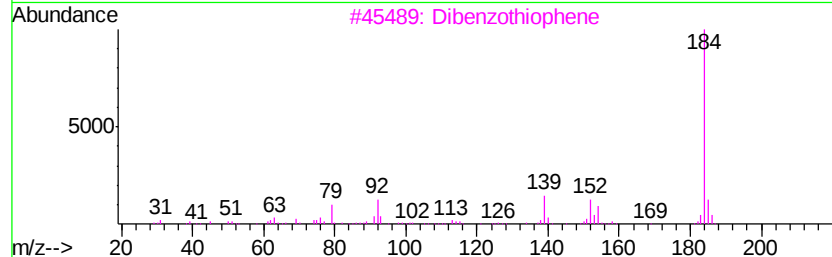
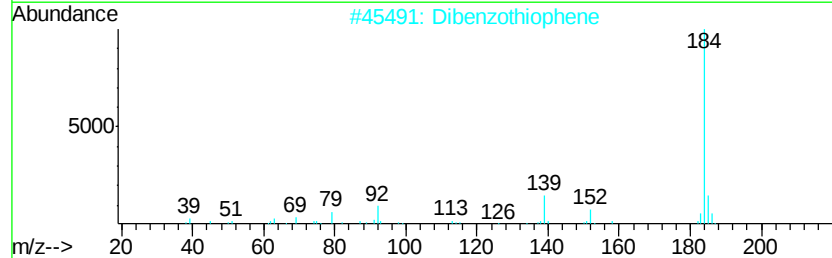
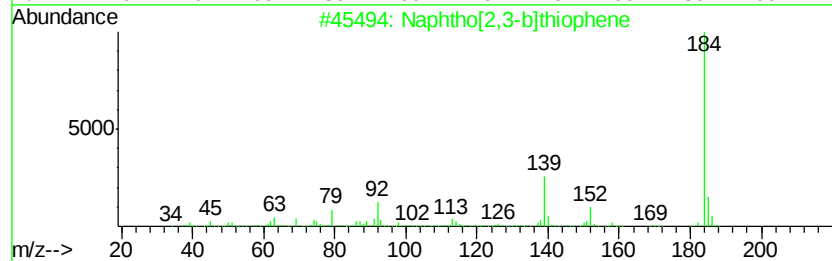
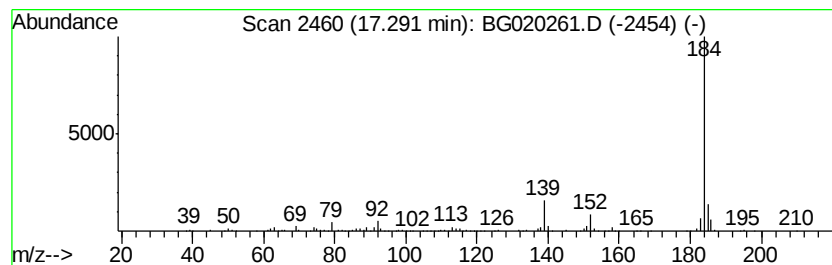
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Naphtho[2,3-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	24.37 ng/ul	431139	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	91
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
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Instrument :
BNA_G
ClientSampleId :
D9N41DL

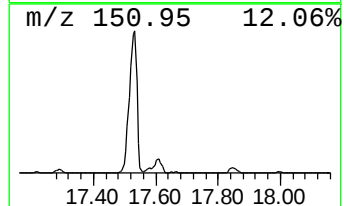
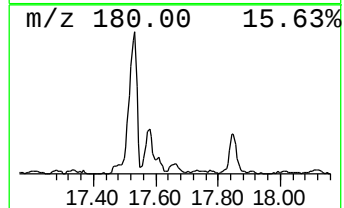
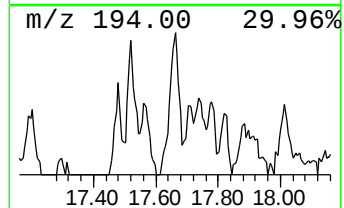
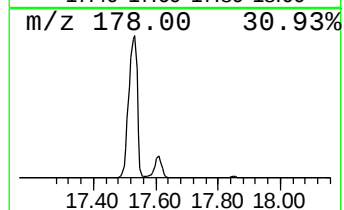
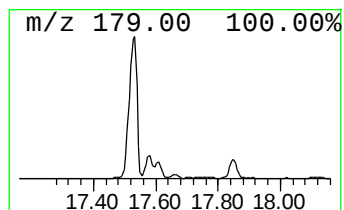
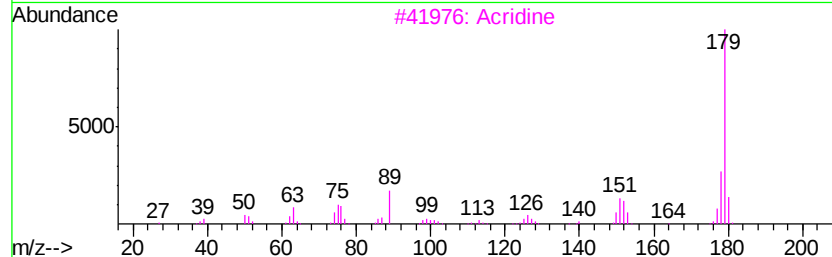
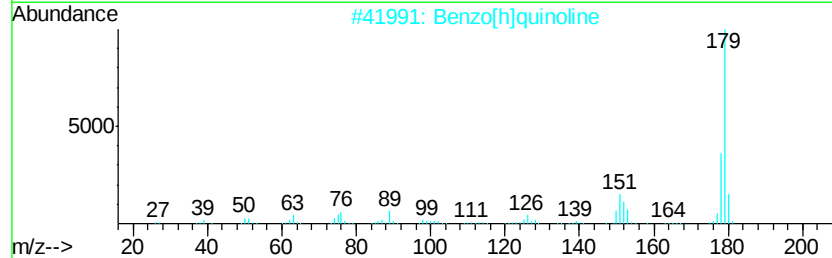
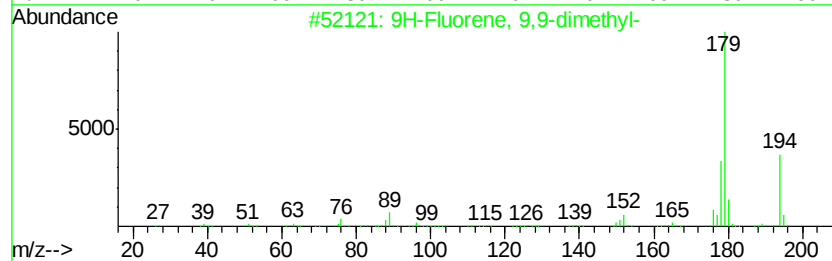
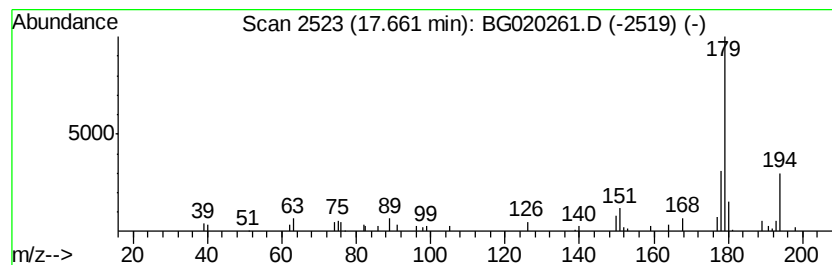
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 9H-Fluorene, 9,9-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.54 ng/ul	44904	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	80
2			Benzo[h]quinoline	179	C13H9N	000230-27-3	76
3			Acridine	179	C13H9N	000260-94-6	68
4			Benzo[h]quinoline	179	C13H9N	000230-27-3	68
5			Benzo[f]quinoline	179	C13H9N	000085-02-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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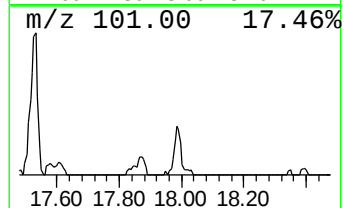
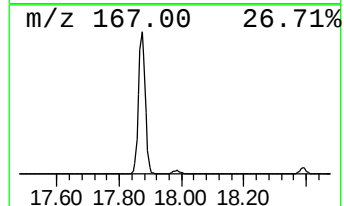
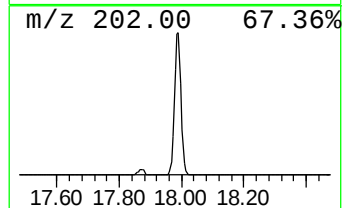
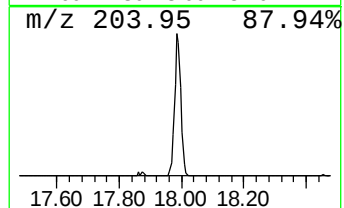
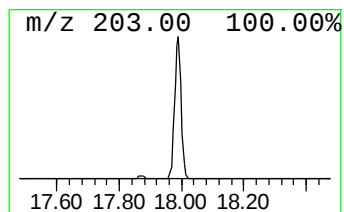
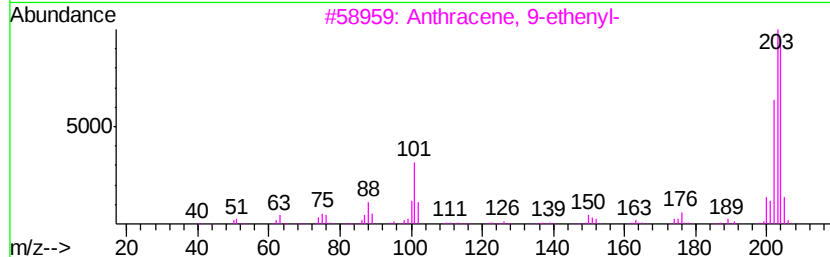
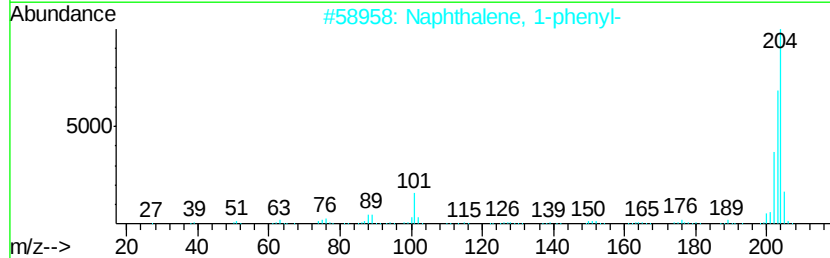
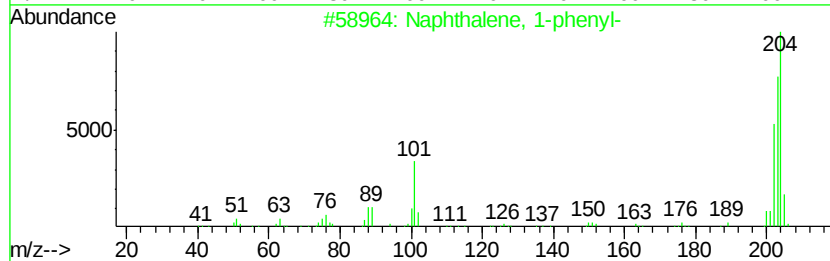
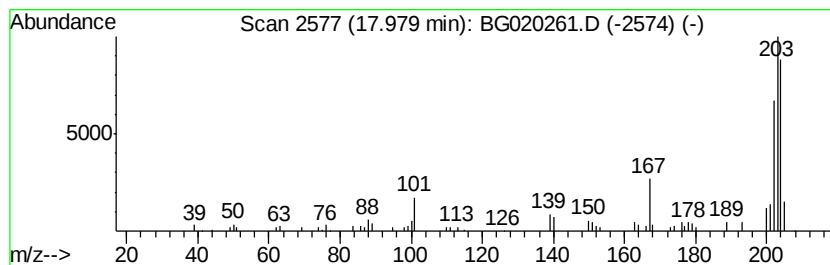
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Naphthalene, 1-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.89 ng/ul	86451	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
4		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
5		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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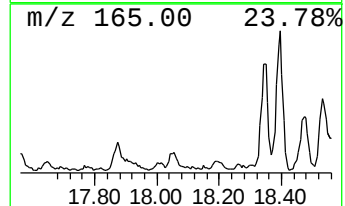
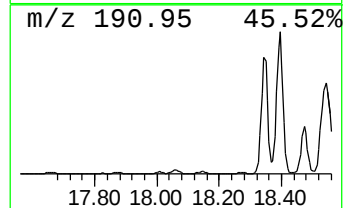
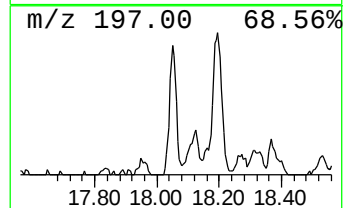
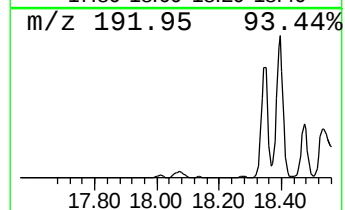
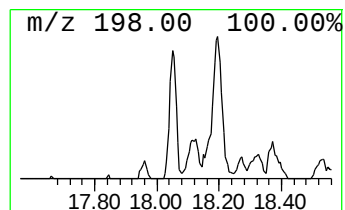
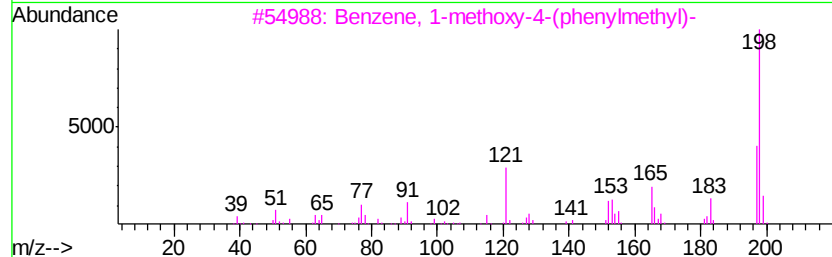
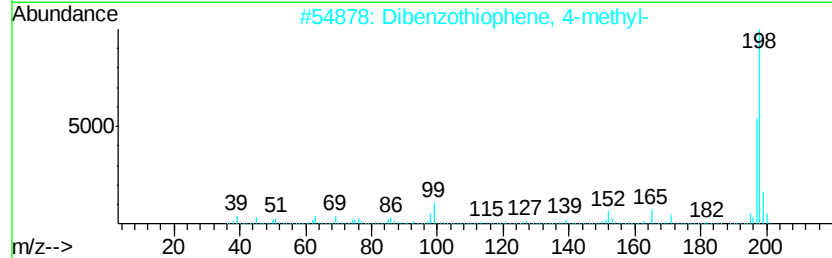
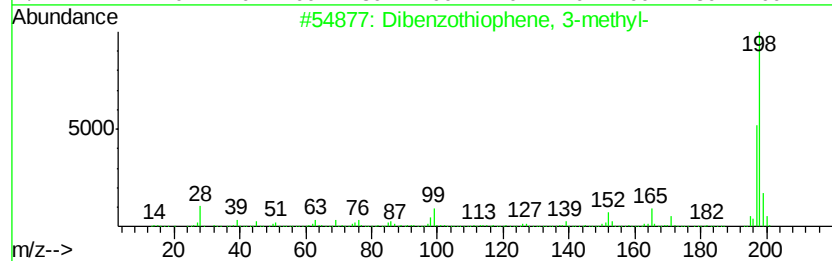
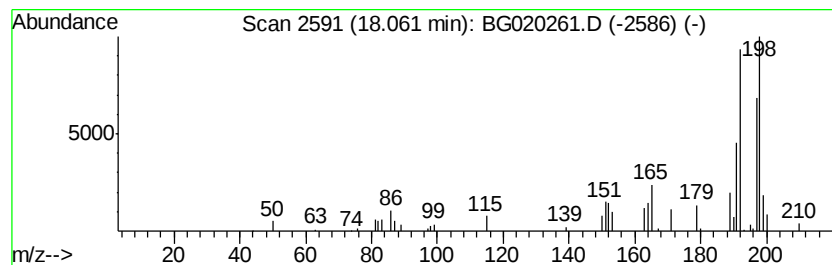
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Dibenzothiophene, 3-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.18 ng/ul	38496	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86
3			Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	53
4			1,2,3,4-Tetrahydrophenanthren-9-ol	198	C14H14O	019817-12-0	49
5			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N41DL

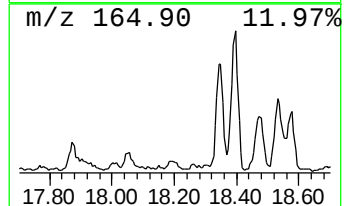
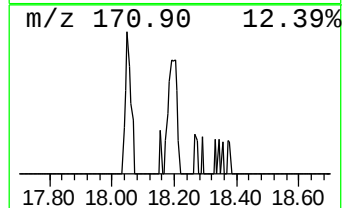
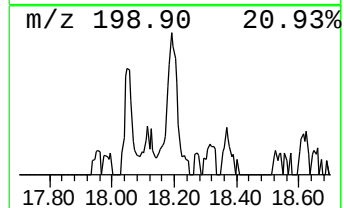
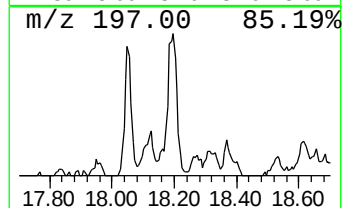
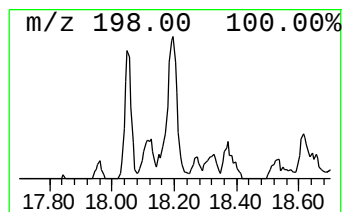
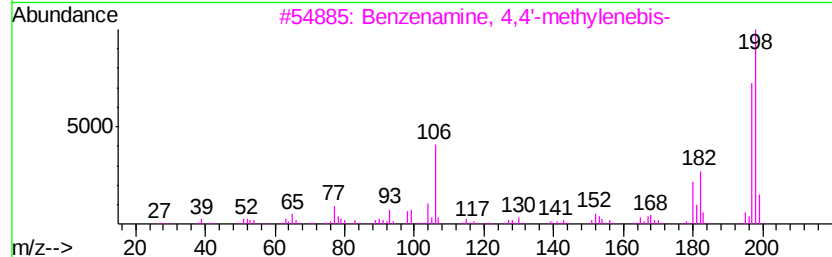
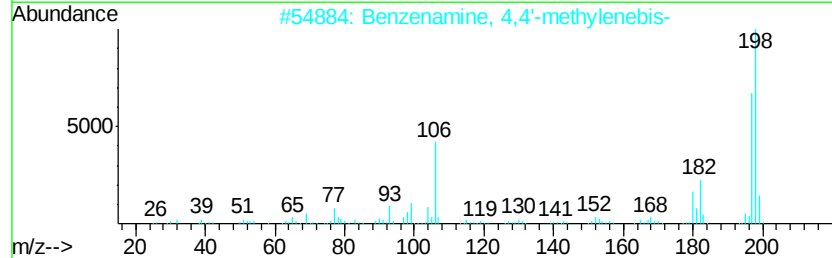
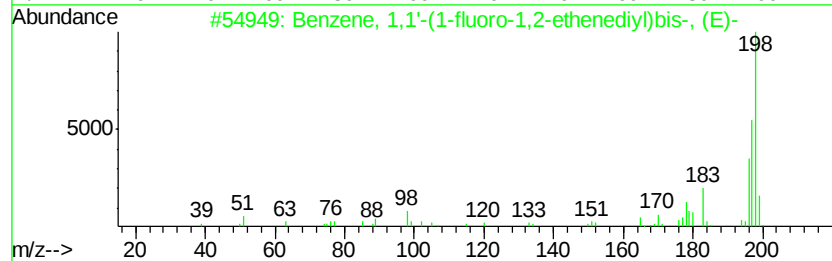
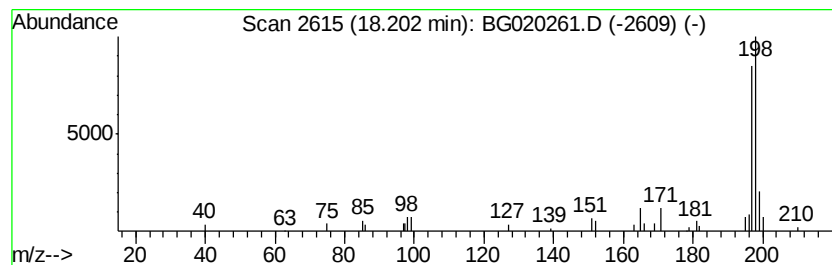
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1,1'-(1-fluoro-1,2... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.70 ng/ul	47788	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	80
2			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
3			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72
5			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020261.D
Acq On : 18 Dec 2015 1:24
Operator : UM/SJ
Sample : G4767-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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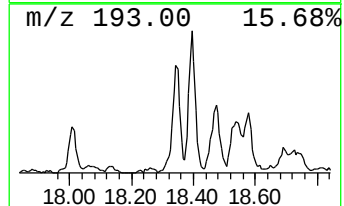
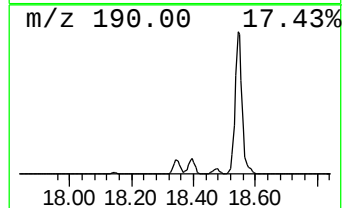
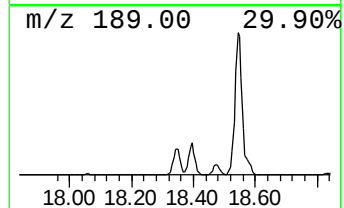
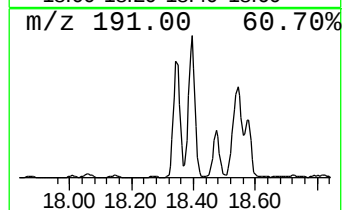
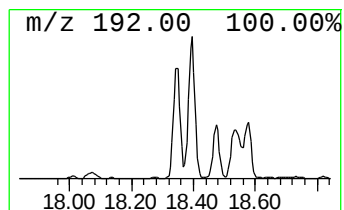
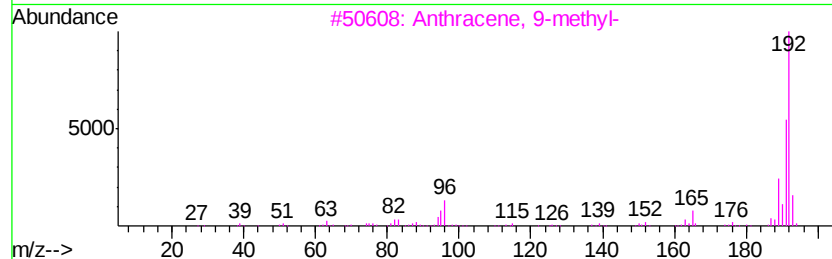
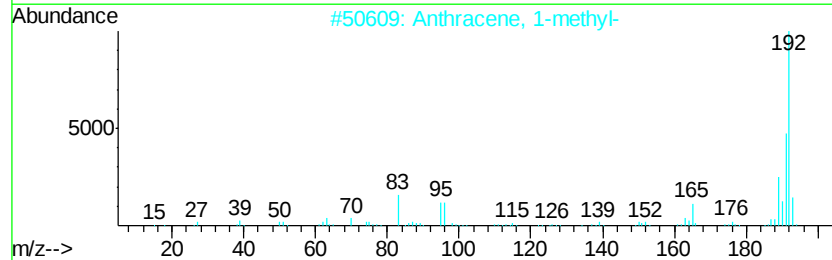
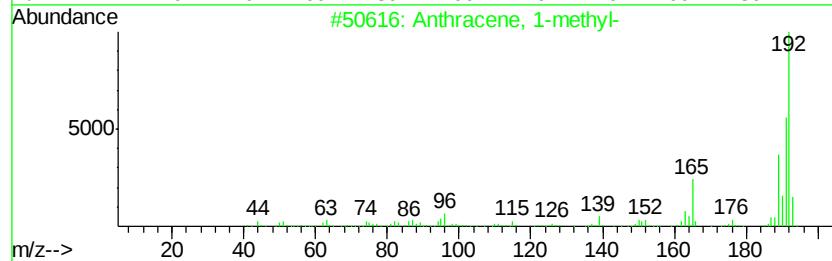
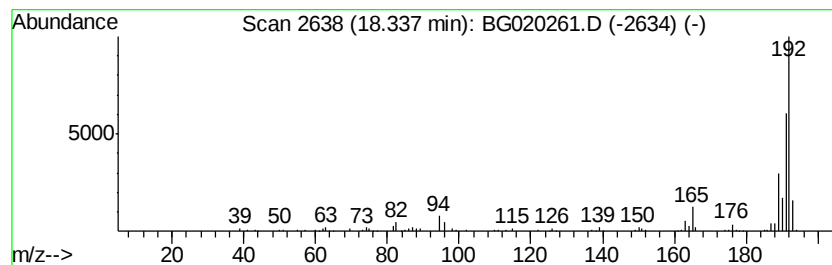
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	17.45 ng/ul	308747	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020261.D
 Acq On : 18 Dec 2015 1:24
 Operator : UM/SJ
 Sample : G4767-19DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N41DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indene	8.64	13.1	ng/ul	66718	1	8.10	101813	20.0
Quinoline	11.74	31.9	ng/ul	234805	2	10.92	147156	20.0
Quinoline, 7-methyl-	13.27	7.2	ng/ul	89875	3	14.73	250231	20.0
Naphthalene, 1-et...	13.75	10.1	ng/ul	125946	3	14.73	250231	20.0
Naphthalene, 2,6-...	13.89	9.9	ng/ul	123540	3	14.73	250231	20.0
Naphthalene, 2,3-...	14.05	18.0	ng/ul	224893	3	14.73	250231	20.0
2-Naphthalenecarb...	14.85	6.9	ng/ul	86146	3	14.73	250231	20.0
1-Naphthalenecarb...	15.04	5.7	ng/ul	71299	3	14.73	250231	20.0
Naphthalene, 2,3,...	15.19	3.7	ng/ul	46819	3	14.73	250231	20.0
1-Isopropenylnaph...	15.89	9.3	ng/ul	117044	3	14.73	250231	20.0
Nordiphenamid	15.93	16.8	ng/ul	209508	3	14.73	250231	20.0
Benzene, [1-(2,4-...	15.98	4.8	ng/ul	60234	3	14.73	250231	20.0
1,1'-Biphenyl, 2-...	16.02	8.6	ng/ul	107329	3	14.73	250231	20.0
9H-Fluoren-9-ol	16.06	17.7	ng/ul	221272	3	14.73	250231	20.0
6H-Dibenzo[b,d]-p...	16.21	19.9	ng/ul	351672	4	17.47	353785	20.0
2,4,6-Cycloheptat...	16.30	2.1	ng/ul	37778	4	17.47	353785	20.0
Anthracene, 9,10-...	16.56	5.3	ng/ul	92888	4	17.47	353785	20.0
9H-Fluorene, 1-me...	16.77	14.4	ng/ul	254364	4	17.47	353785	20.0
9H-Fluorene, 9-me...	16.92	4.6	ng/ul	81304	4	17.47	353785	20.0
2,2-Dimethyl-1-ac...	17.00	4.9	ng/ul	86187	4	17.47	353785	20.0
Phenol, 3-(2-phen...	17.04	2.3	ng/ul	40069	4	17.47	353785	20.0
9H-Fluoren-9-one	17.13	2.5	ng/ul	43438	4	17.47	353785	20.0
Phenol, 4-(2-phen...	17.20	7.5	ng/ul	132792	4	17.47	353785	20.0
Naphtho[2,3-b]thi...	17.29	24.4	ng/ul	431139	4	17.47	353785	20.0
9H-Fluorene, 9,9-...	17.66	2.5	ng/ul	44904	4	17.47	353785	20.0
Naphthalene, 1-ph...	17.98	4.9	ng/ul	86451	4	17.47	353785	20.0
Dibenzothiophene,...	18.06	2.2	ng/ul	38496	4	17.47	353785	20.0
Benzene, 1,1'-(1-...	18.20	2.7	ng/ul	47788	4	17.47	353785	20.0
Anthracene, 1-met...	18.34	17.4	ng/ul	308747	4	17.47	353785	20.0