

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005343.D
 Acq On : 27 Apr 2019 06:51
 Operator : JU/SJ
 Sample : K2456-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHN6

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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	7.593	774	783	791	rBV	1814039	2848728	3.72%	0.307%
2	10.352	1243	1252	1270	rBV	2675002	5663020	7.39%	0.611%
3	11.881	1504	1512	1528	rVV3	867709	3242058	4.23%	0.350%
4	12.028	1530	1537	1545	rVB	4912443	8086835	10.56%	0.872%
5	12.252	1564	1575	1593	rVB	12674958	21495074	28.06%	2.319%
6	13.069	1706	1714	1721	rBV2	1592812	2612119	3.41%	0.282%
7	13.393	1760	1769	1770	rBV	6460259	10198914	13.32%	1.100%
8	13.551	1788	1796	1801	rVV	9875073	17939118	23.42%	1.935%
9	13.604	1801	1805	1809	rVV	6622446	9242009	12.07%	0.997%
10	13.646	1809	1812	1815	rVV	2591726	3829377	5.00%	0.413%
11	13.681	1815	1818	1824	rVV2	4418807	6804753	8.88%	0.734%
12	13.787	1830	1836	1840	rVV	5074514	7924476	10.35%	0.855%
13	13.951	1853	1864	1877	rVB2	13195277	24484863	31.97%	2.641%
14	14.228	1902	1911	1916	rVV3	3577194	6458255	8.43%	0.697%
15	14.293	1916	1922	1926	rBV2	2272313	3397737	4.44%	0.367%
16	14.446	1942	1948	1957	rVB2	1936453	4174435	5.45%	0.450%
17	14.634	1970	1980	1988	rBV2	2763105	5697745	7.44%	0.615%
18	14.716	1988	1994	1998	rVB	3264100	4711277	6.15%	0.508%
19	14.846	2009	2016	2024	rBV3	3571819	9093110	11.87%	0.981%
20	15.110	2056	2061	2066	rVB2	4100787	5823797	7.60%	0.628%
21	15.234	2074	2082	2086	rVB4	6112729	11068888	14.45%	1.194%
22	15.287	2086	2091	2102	rBV2	7414289	14954879	19.52%	1.613%
23	15.410	2109	2112	2121	rVB3	2863369	4430747	5.78%	0.478%
24	15.498	2121	2127	2135	rVB6	1312393	3322903	4.34%	0.358%
25	15.581	2135	2141	2145	rBV3	1520115	2753505	3.59%	0.297%
26	15.975	2201	2208	2212	rBV2	2192852	4224935	5.52%	0.456%
27	16.293	2255	2262	2267	rVV3	3197993	7486217	9.77%	0.808%
28	16.345	2267	2271	2276	rVV2	3425878	4939970	6.45%	0.533%
29	16.445	2283	2288	2293	rVB3	2713699	4412826	5.76%	0.476%
30	16.563	2304	2308	2312	rVB3	1738666	2723429	3.56%	0.294%
31	16.804	2346	2349	2359	rVB	1794102	3368838	4.40%	0.363%
32	16.987	2375	2380	2383	rBV	4248322	6235061	8.14%	0.673%
33	17.040	2383	2389	2393	rVV	23779096	37329936	48.74%	4.027%
34	17.087	2393	2397	2400	rVV	3779279	5445729	7.11%	0.587%

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35	17.122	2400	2403	2407	rVV	5922919	7319504	9.56%	0.790%
36	17.181	2407	2413	2419	rVV3	2005832	4177078	5.45%	0.451%
37	17.510	2465	2469	2474	rBV	3943424	5114142	6.68%	0.552%
38	17.569	2475	2479	2485	rVB3	2134615	3303999	4.31%	0.356%
39	17.681	2493	2498	2510	rVB3	2681982	6711806	8.76%	0.724%
40	17.792	2512	2517	2522	rBV3	1594751	3027741	3.95%	0.327%
41	17.869	2525	2530	2534	rVV	10075930	14570798	19.02%	1.572%
42	17.916	2534	2538	2547	rVB	13020031	19431351	25.37%	2.096%
43	17.998	2547	2552	2557	rBV	2238644	3511687	4.58%	0.379%
44	18.063	2557	2563	2567	rVV2	19145135	33871434	44.22%	3.654%
45	18.104	2567	2570	2579	rVB	7728896	10033945	13.10%	1.082%
46	18.187	2580	2584	2590	rBV2	1698554	3009258	3.93%	0.325%
47	18.334	2602	2609	2612	rBV3	1498939	2950221	3.85%	0.318%
48	18.375	2612	2616	2621	rVV	8559899	12595452	16.44%	1.359%
49	18.422	2621	2624	2628	rVB2	2327288	2930418	3.83%	0.316%
50	18.622	2655	2658	2663	rVV3	3094965	5318910	6.94%	0.574%
51	18.675	2663	2667	2671	rVV	3112213	4570963	5.97%	0.493%
52	18.716	2671	2674	2679	rVB	2529981	3124042	4.08%	0.337%
53	18.798	2679	2688	2693	rBV3	7894087	15667969	20.46%	1.690%
54	18.863	2693	2699	2702	rVV2	5456982	9991492	13.04%	1.078%
55	18.892	2702	2704	2709	rVB	3588900	4460044	5.82%	0.481%
56	18.951	2709	2714	2721	rBV2	6926667	14600325	19.06%	1.575%
57	19.075	2726	2735	2742	rVV	29795596	50719138	66.22%	5.471%
58	19.139	2742	2746	2749	rVV	4342963	6537659	8.54%	0.705%
59	19.175	2749	2752	2755	rVV3	2707955	4648139	6.07%	0.501%
60	19.222	2755	2760	2764	rVV	10921148	15896274	20.75%	1.715%
61	19.275	2764	2769	2773	rVV3	1724722	3043059	3.97%	0.328%
62	19.339	2776	2780	2786	rVV2	2070046	4356945	5.69%	0.470%
63	19.451	2786	2799	2804	rVV3	37643505	76595737	100.00%	8.263%
64	19.516	2805	2810	2815	rVB3	2150097	3623883	4.73%	0.391%
65	19.675	2832	2837	2843	rVB5	1911209	3645552	4.76%	0.393%
66	19.763	2848	2852	2863	rVV2	6575527	14044839	18.34%	1.515%
67	19.904	2870	2876	2878	rVV4	6181744	11148143	14.55%	1.203%
68	19.939	2879	2882	2886	rVB	9794442	12957746	16.92%	1.398%
69	20.039	2895	2899	2905	rBV	6039543	8091816	10.56%	0.873%
70	20.098	2905	2909	2913	rVB	8592914	11031303	14.40%	1.190%
71	20.239	2928	2933	2937	rVV	7087458	9989122	13.04%	1.078%

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72	20.286	2937	2941	2948	rVB	8396341	11067825	14.45%	1.194%
73	20.692	3007	3010	3017	rVB	3749361	6053181	7.90%	0.653%
74	20.851	3029	3037	3042	rBV6	2451346	6505041	8.49%	0.702%
75	20.898	3042	3045	3049	rVV	5347769	6598764	8.62%	0.712%
76	20.939	3049	3052	3056	rVV	2740747	4313081	5.63%	0.465%
77	20.998	3059	3062	3068	rVB	2459982	3479693	4.54%	0.375%
78	21.210	3092	3098	3103	rBV2	18014262	32830136	42.86%	3.542%
79	21.263	3103	3107	3112	rVB	16883593	23244646	30.35%	2.508%
80	21.428	3132	3135	3140	rVB	4760059	5984022	7.81%	0.646%
81	21.775	3187	3194	3198	rBV	5882207	8697302	11.35%	0.938%
82	21.822	3198	3202	3208	rVB2	3737656	5955485	7.78%	0.642%
83	21.892	3208	3214	3217	rBV2	2191824	4442868	5.80%	0.479%
84	21.963	3222	3226	3229	rVV2	3612760	5828906	7.61%	0.629%
85	21.992	3229	3231	3236	rVV2	3914863	5281044	6.89%	0.570%
86	22.069	3240	3244	3249	rVB2	1767774	2568955	3.35%	0.277%
87	22.292	3278	3282	3289	rVB6	1473473	3066962	4.00%	0.331%
88	22.410	3299	3302	3308	rVB4	1669504	2737611	3.57%	0.295%
89	22.604	3332	3335	3353	rVB4	1264445	3983713	5.20%	0.430%
90	22.780	3358	3365	3376	rVB2	7422388	23275954	30.39%	2.511%
91	22.939	3387	3392	3401	rVB	2744191	4832070	6.31%	0.521%
92	23.239	3437	3443	3448	rBV	4282891	8024421	10.48%	0.866%
93	23.286	3448	3451	3454	rVV2	2141597	3366660	4.40%	0.363%
94	23.339	3454	3460	3466	rVV	6673113	12581797	16.43%	1.357%
95	23.427	3470	3475	3479	rVV	2783927	5295528	6.91%	0.571%
96	23.474	3480	3483	3491	rVB4	1365387	3087340	4.03%	0.333%
97	24.269	3613	3618	3631	rVB3	1207559	2861544	3.74%	0.309%
98	25.104	3756	3760	3775	rVB5	1651034	4548062	5.94%	0.491%
99	25.616	3839	3847	3857	rVB	2975705	8253506	10.78%	0.890%
100	26.280	3953	3960	3970	rVB	1810613	5184366	6.77%	0.559%

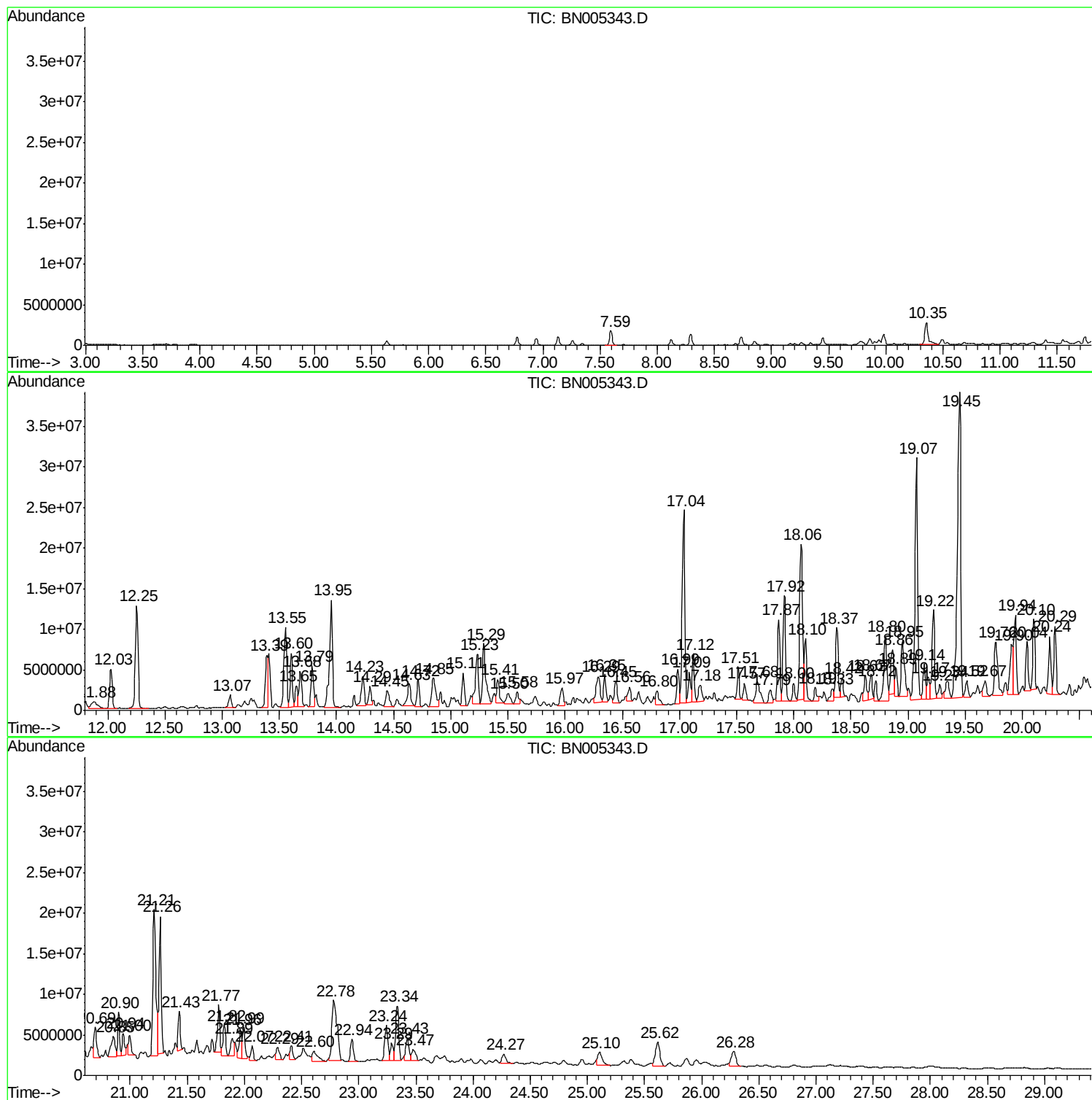
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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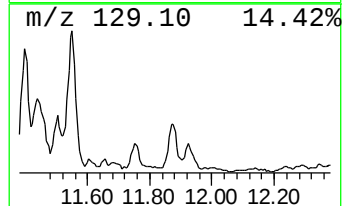
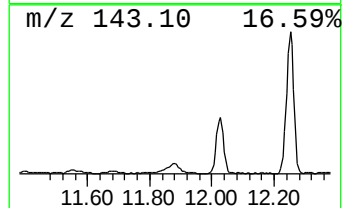
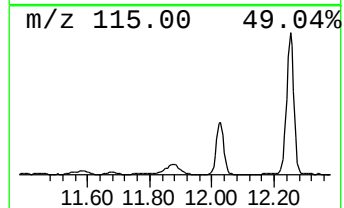
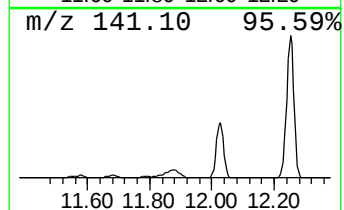
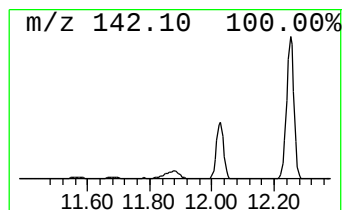
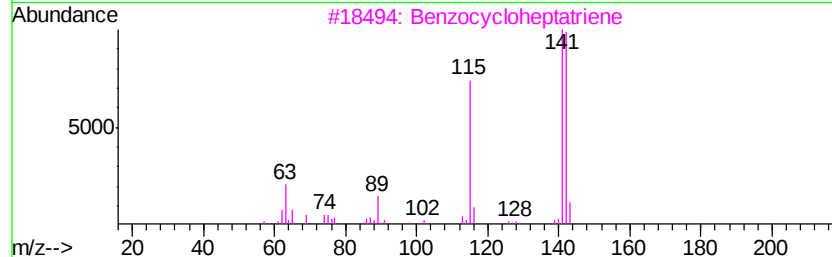
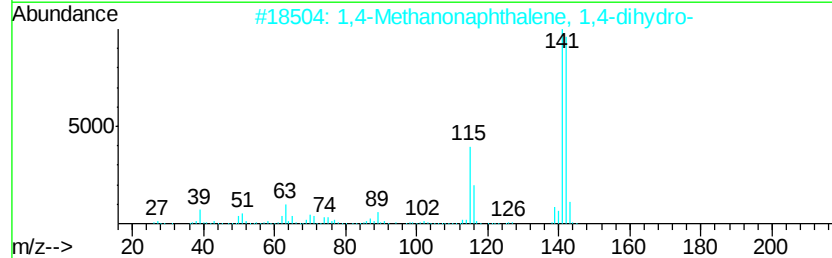
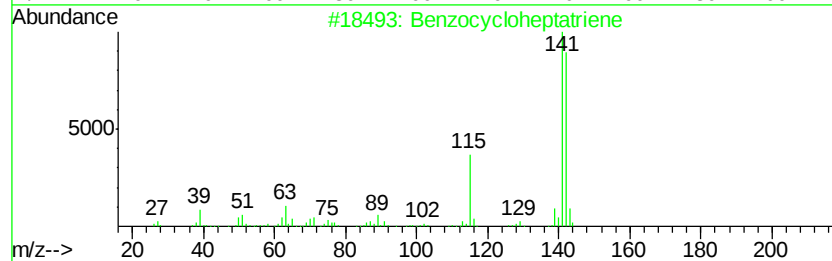
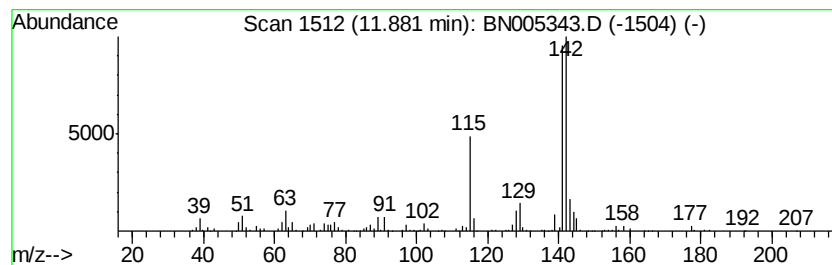
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzocycloheptatriene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	11.45 ng/ul	3242060	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	87
2		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
3		Benzocycloheptatriene	142	C11H10	000264-09-5	87
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	81



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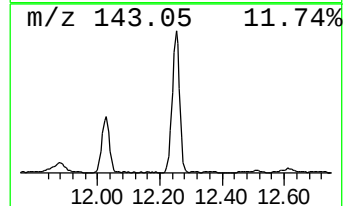
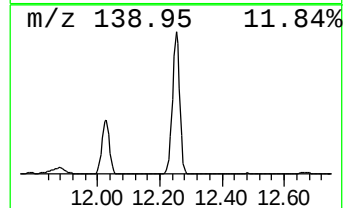
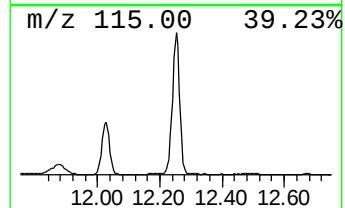
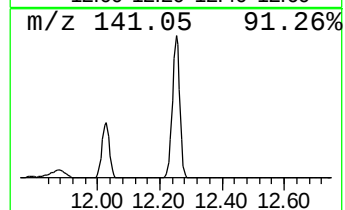
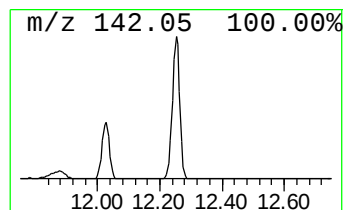
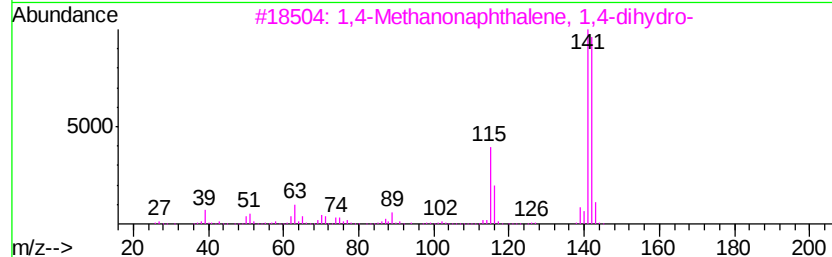
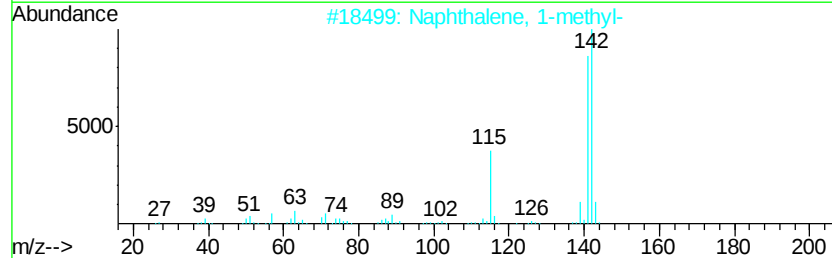
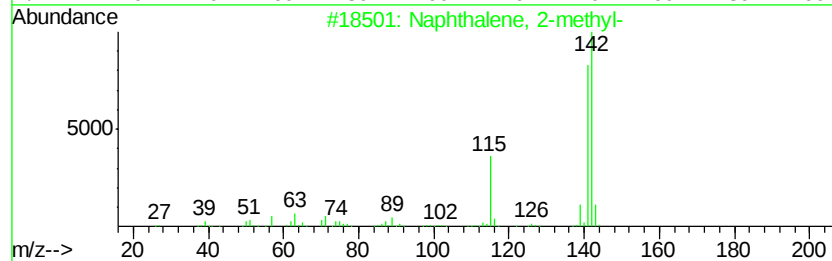
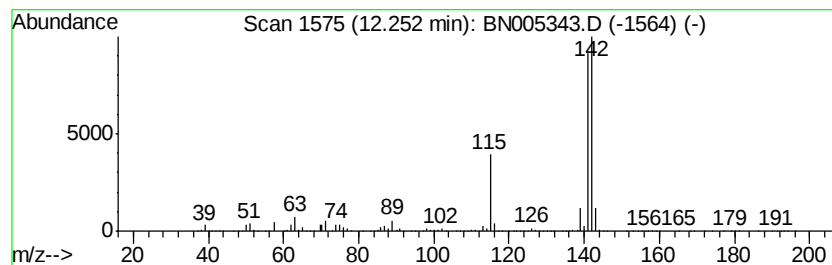
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	75.91 ng/ul	21495100	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		Benzocycloheptatriene	142 C11H10	000264-09-5 91



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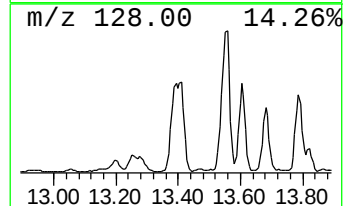
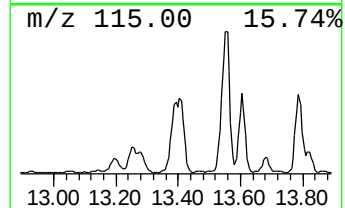
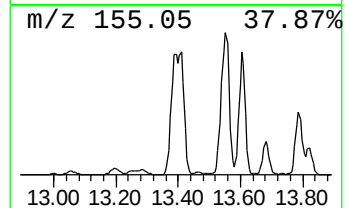
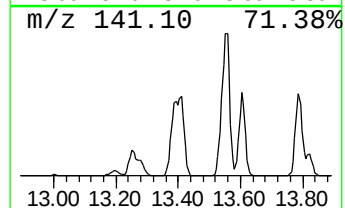
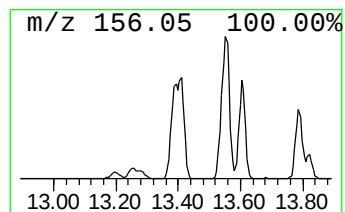
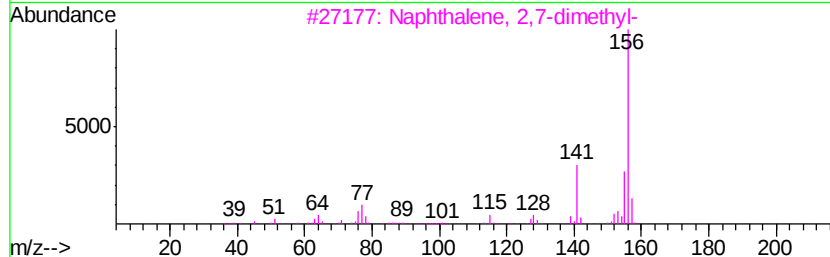
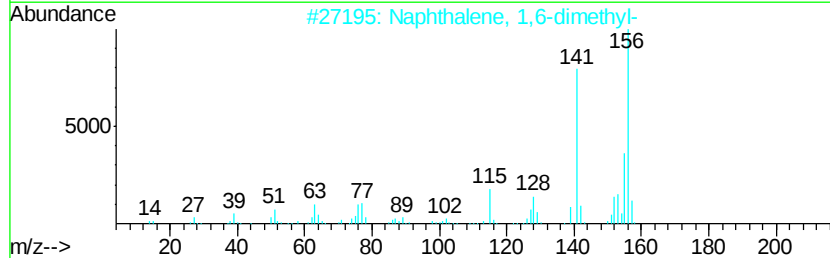
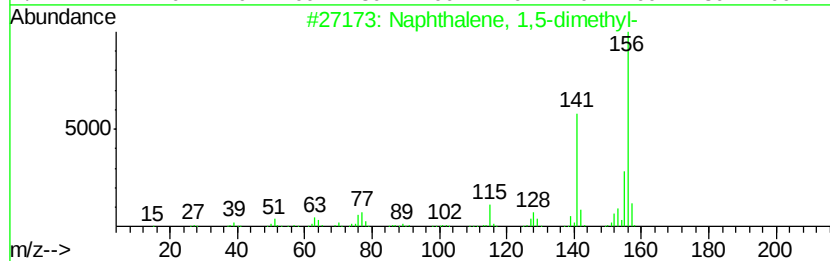
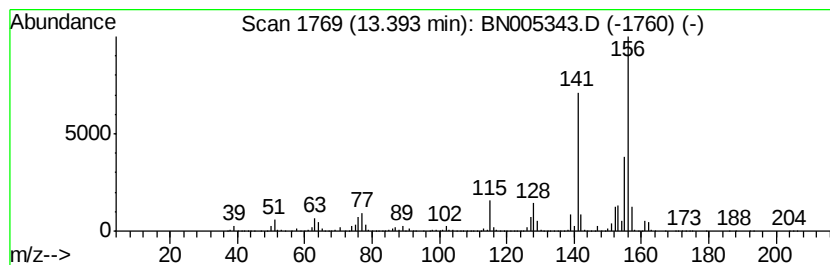
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GAHN6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	31.58 ng/ul	10198900	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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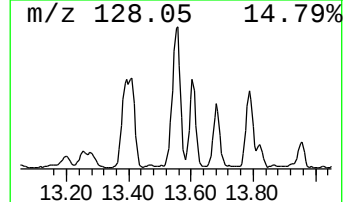
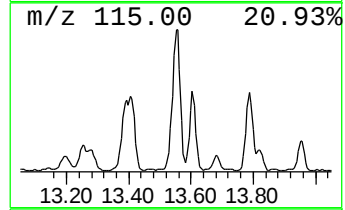
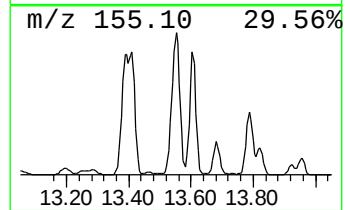
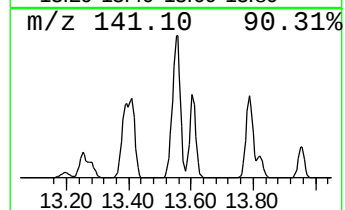
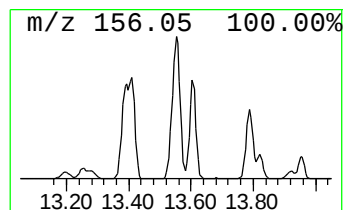
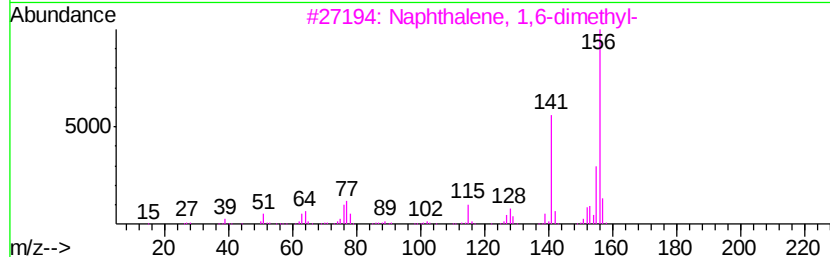
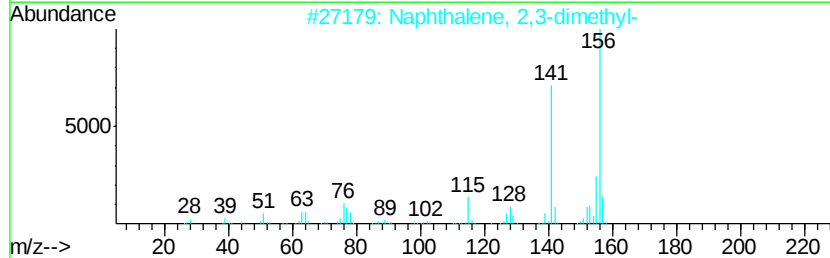
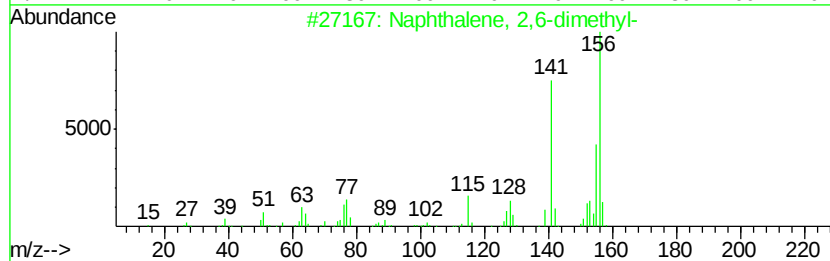
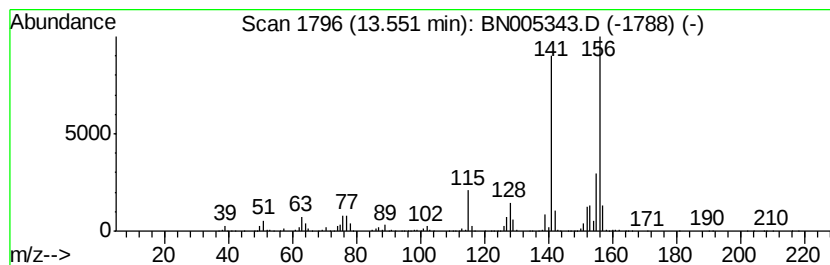
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	55.55 ng/ul	17939100	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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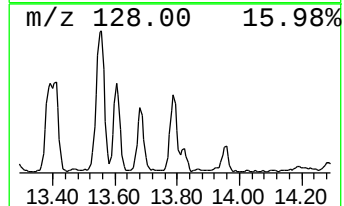
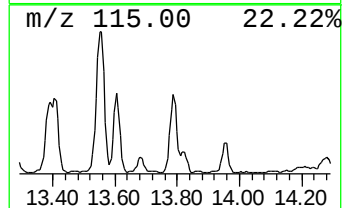
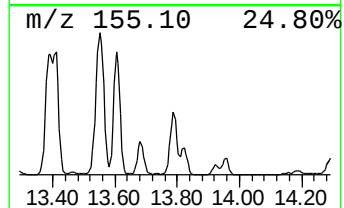
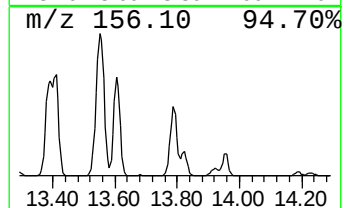
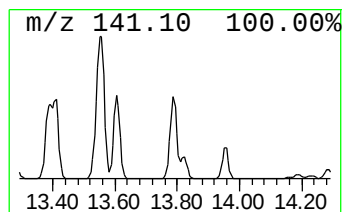
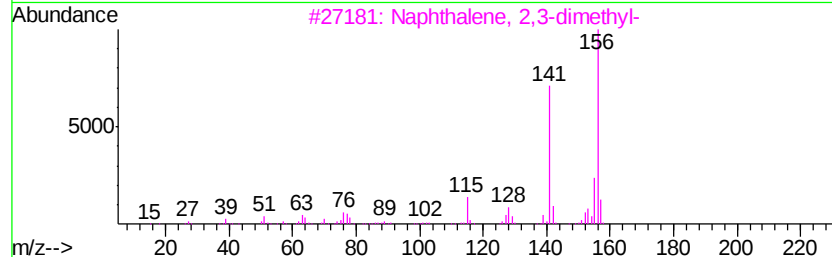
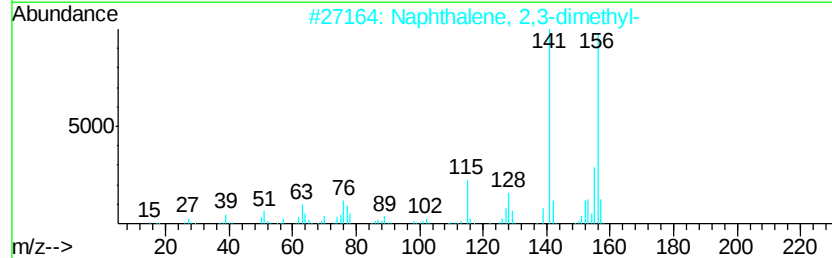
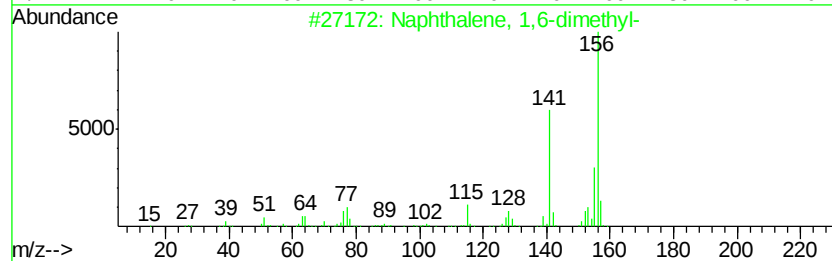
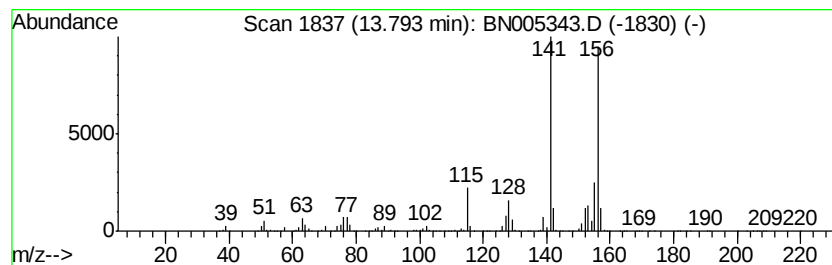
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	24.54 ng/ul	7924480	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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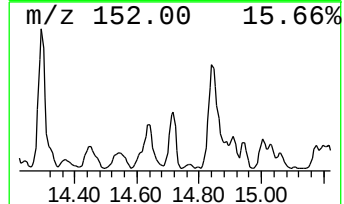
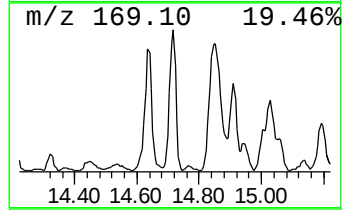
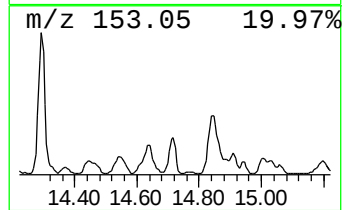
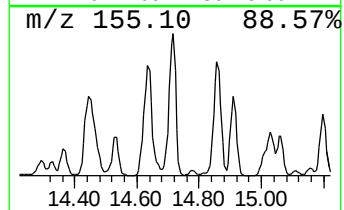
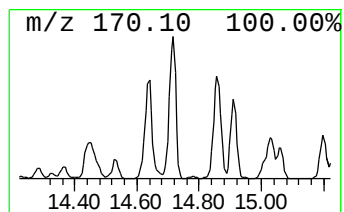
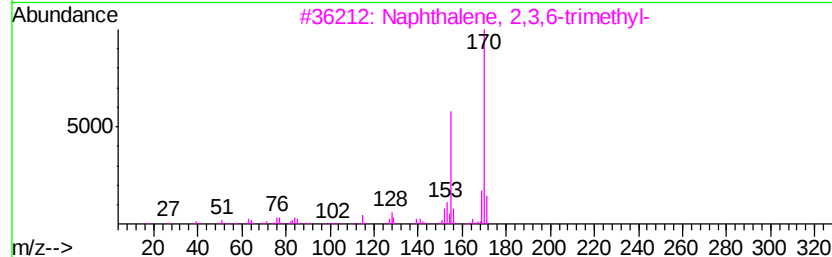
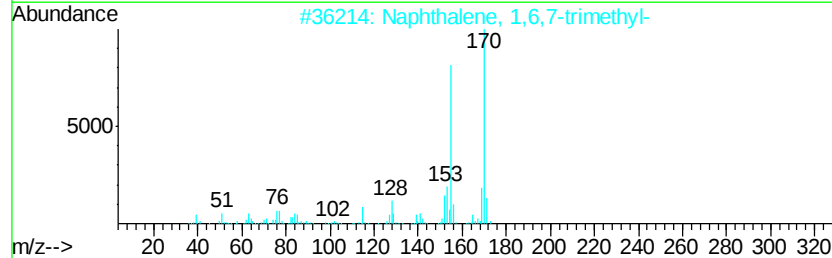
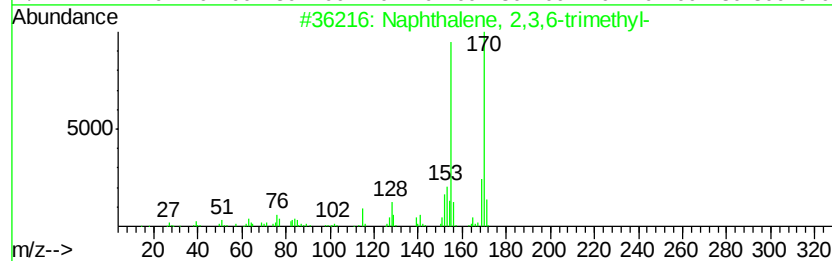
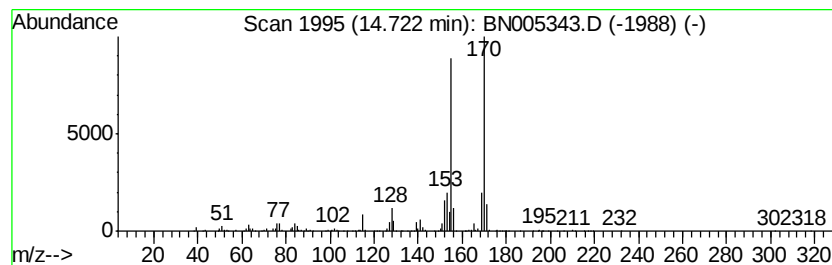
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	14.59 ng/ul	4711280	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

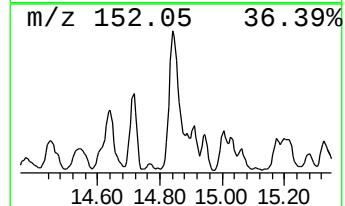
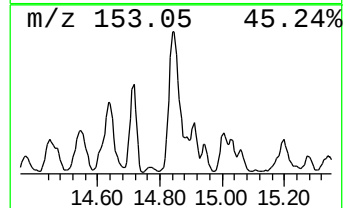
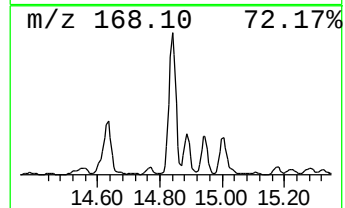
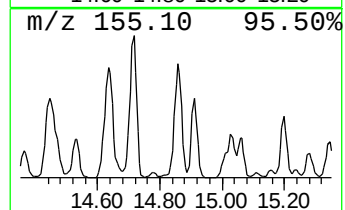
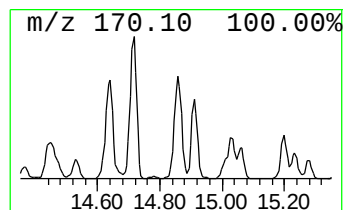
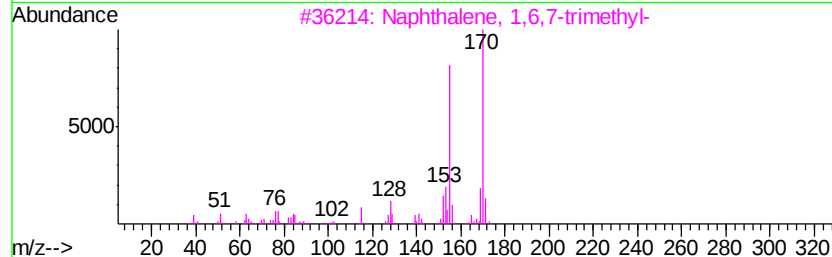
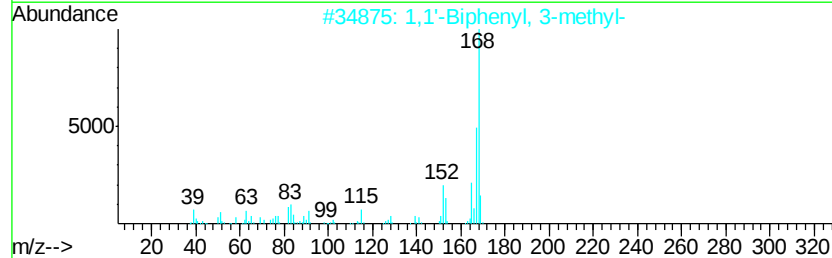
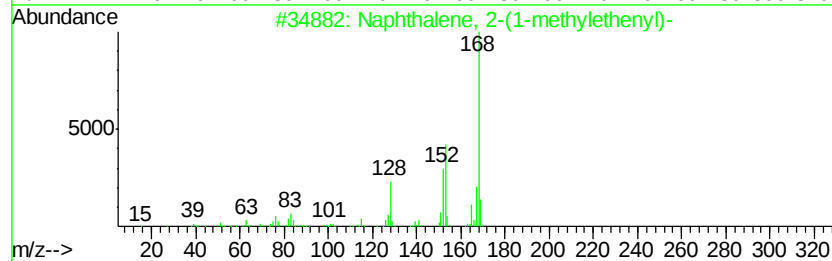
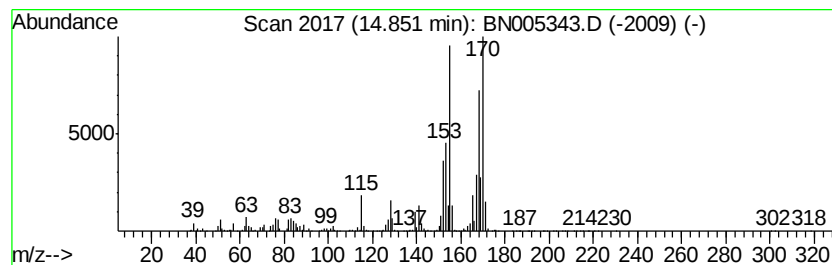
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	28.16 ng/ul	9093110	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 49
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 38
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 38
4		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 38
5		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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Sample : K2456-16
Misc :
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Instrument :
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ClientSampleId :
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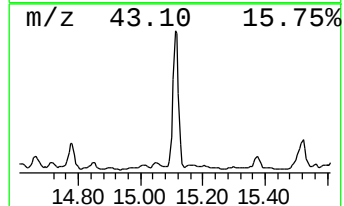
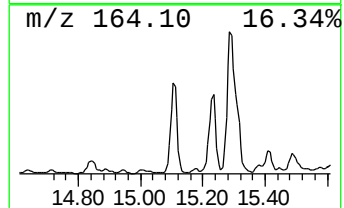
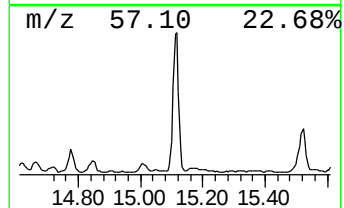
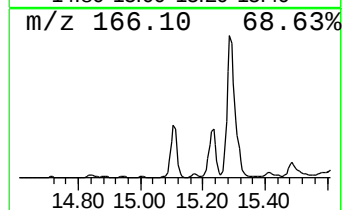
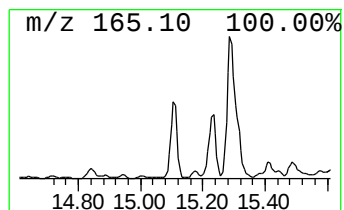
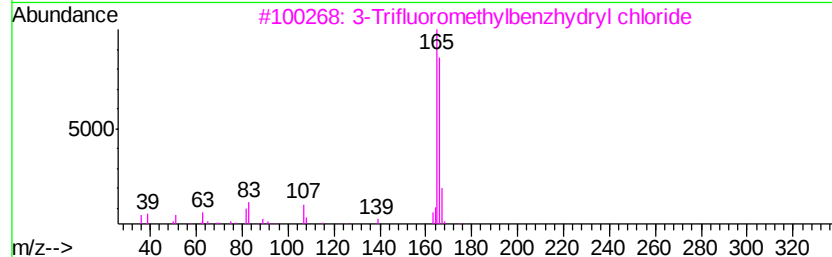
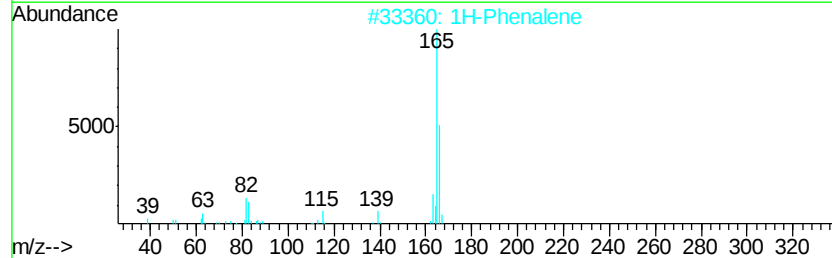
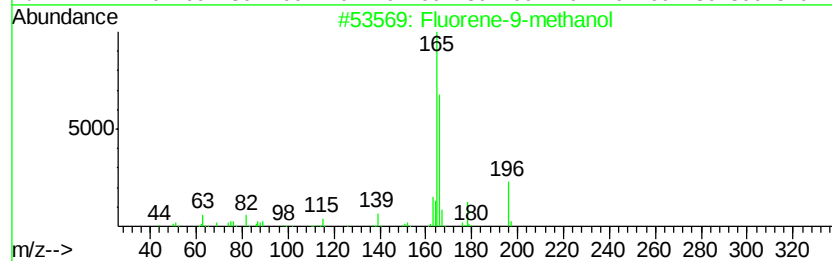
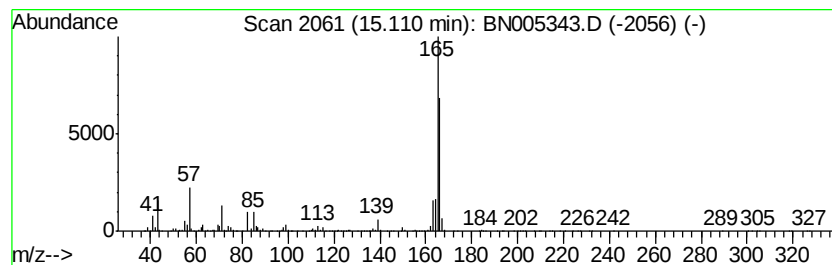
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Fluorene-9-methanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	18.04 ng/ul	5823800	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene-9-methanol	196	C14H12O	024324-17-2	64
2		1H-Phenylene	166	C13H10	000203-80-5	64
3		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
4		Fluorene	166	C13H10	000086-73-7	47
5		Fluorene	166	C13H10	000086-73-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
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Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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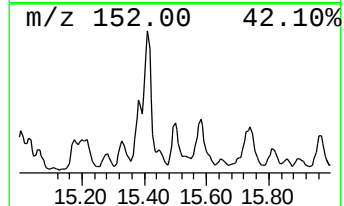
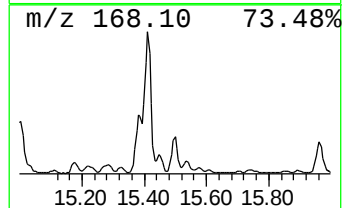
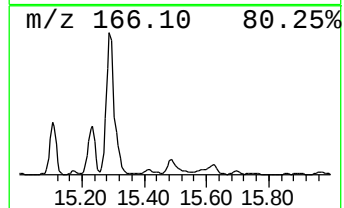
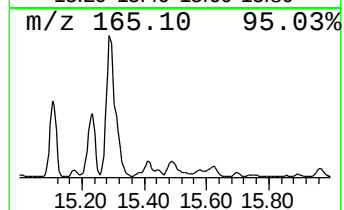
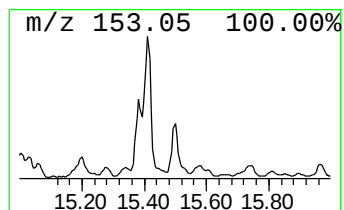
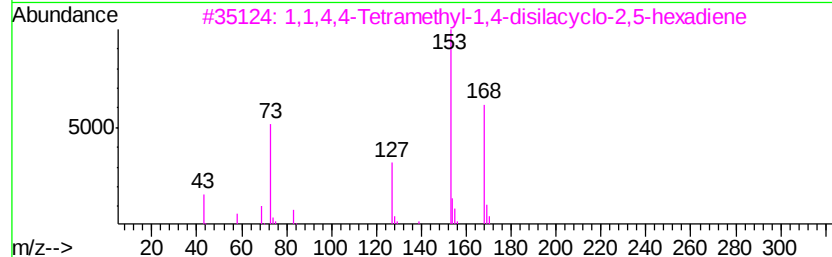
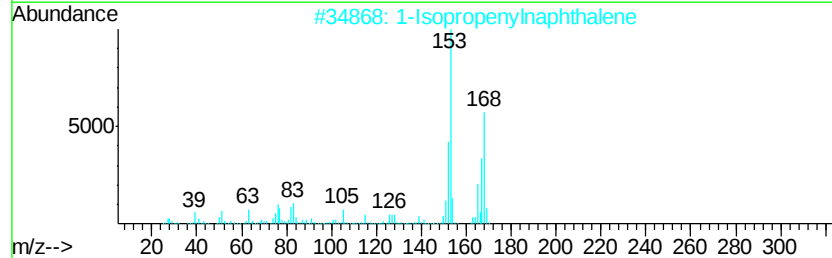
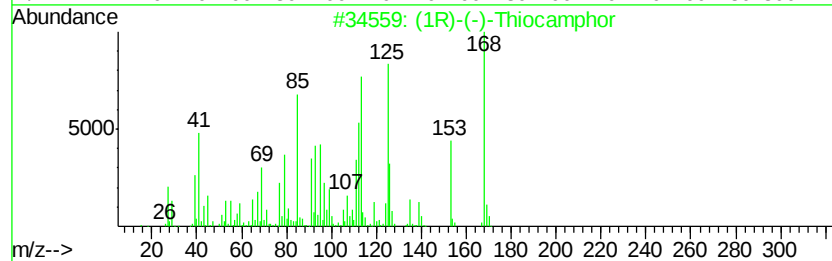
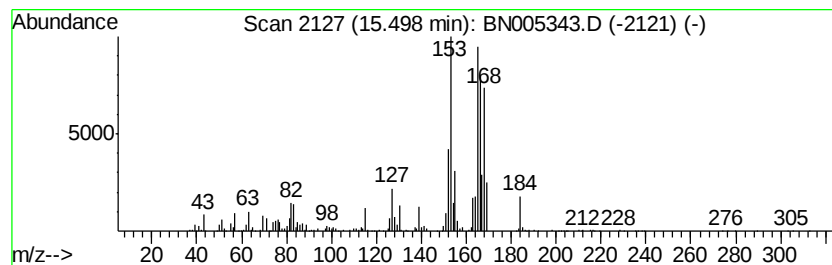
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	10.29 ng/ul	3322900	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	42
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	35
3		1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	35
4		Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	35
5		Fluorene	166	C13H10	000086-73-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

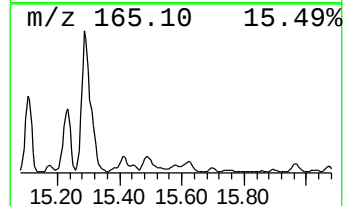
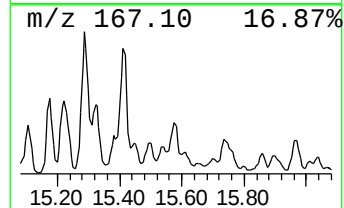
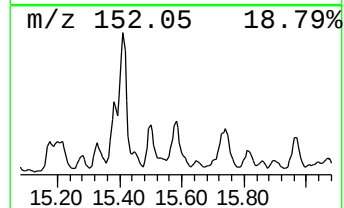
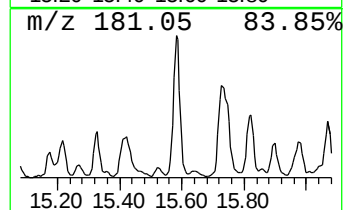
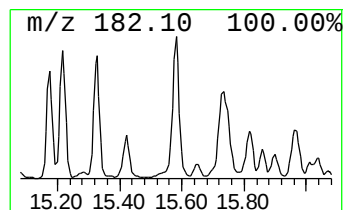
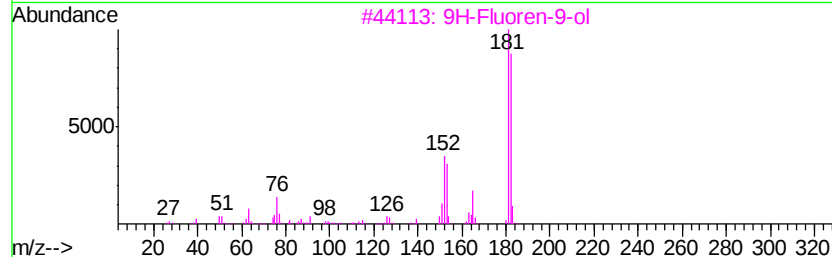
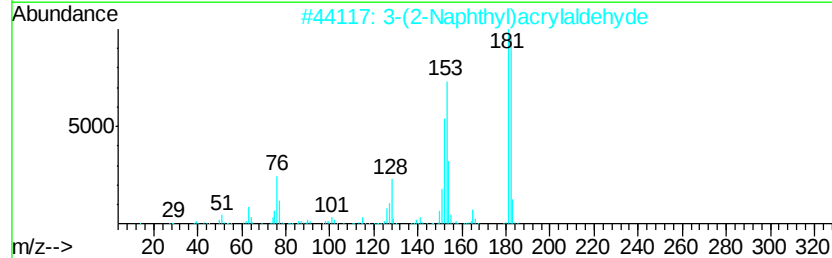
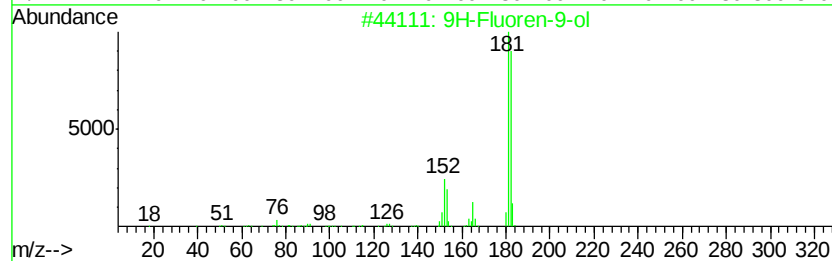
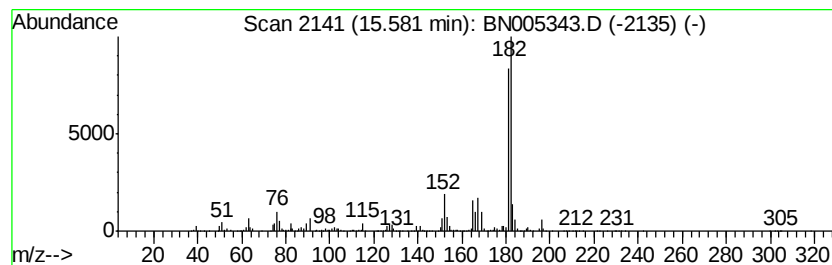
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluoren-9-ol Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	8.53 ng/ul	2753510	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	74
2	3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3	72
3	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	72
4	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	68
5	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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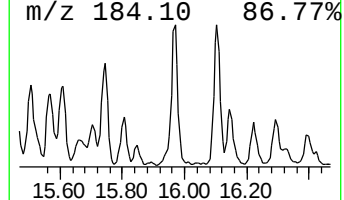
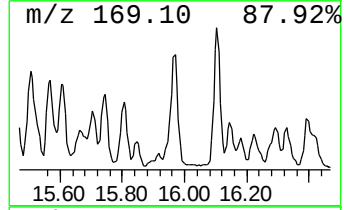
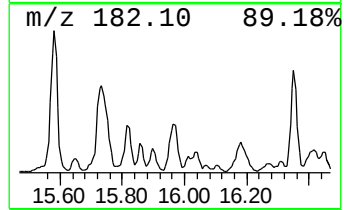
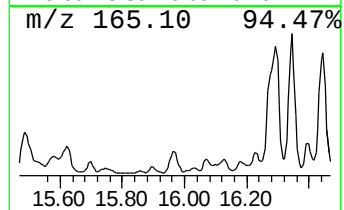
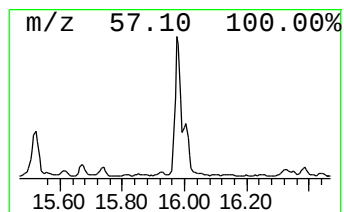
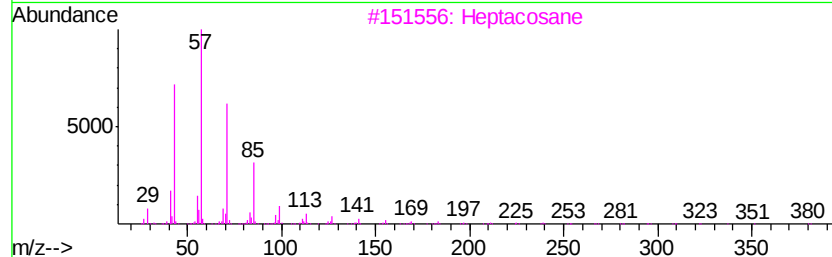
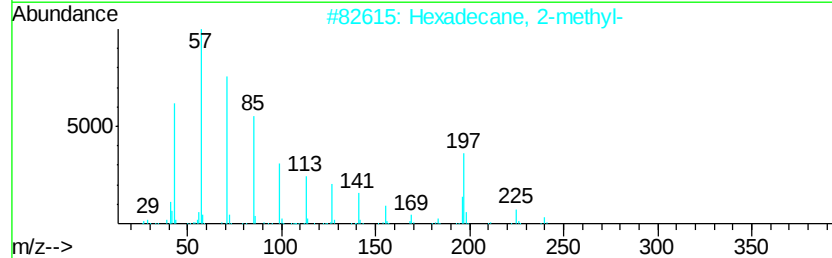
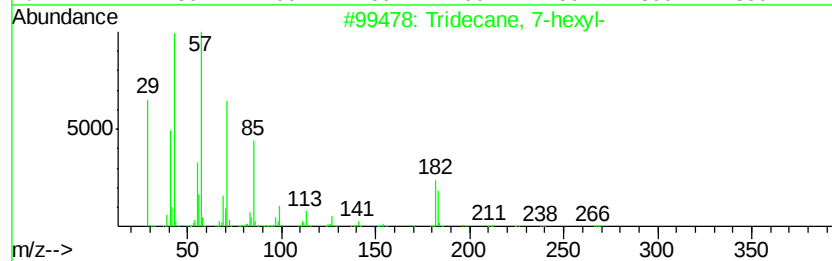
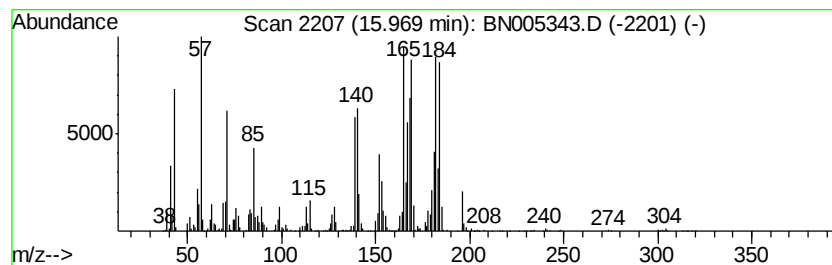
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	13.55 ng/ul	4224940	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	15
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	15
3		Heptacosane	380	C27H56	000593-49-7	11
4		Pentadecane	212	C15H32	000629-62-9	11
5		Octacosane	394	C28H58	000630-02-4	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
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Sample : K2456-16
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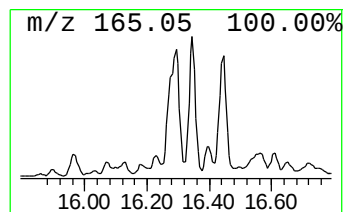
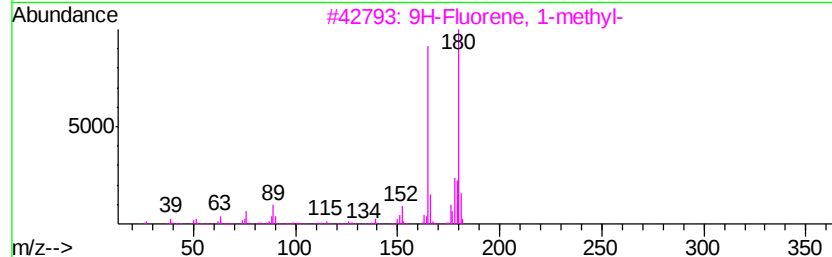
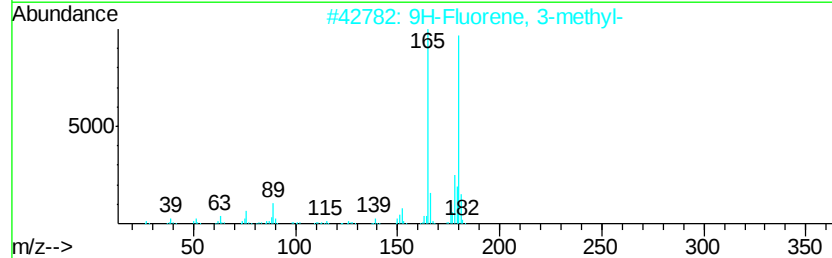
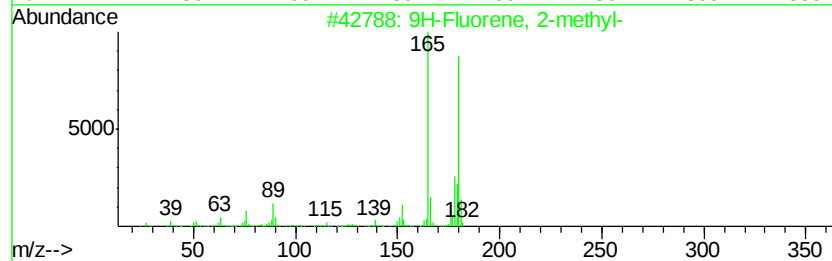
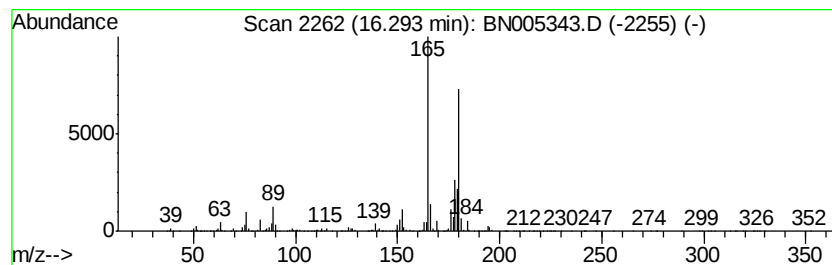
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	24.01 ng/ul	7486220	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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Sample : K2456-16
Misc :
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Instrument :
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ClientSampleId :
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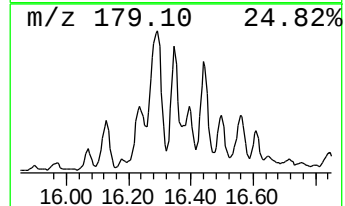
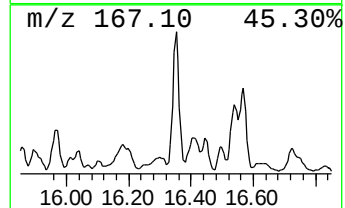
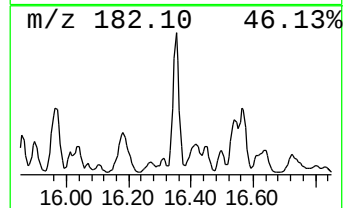
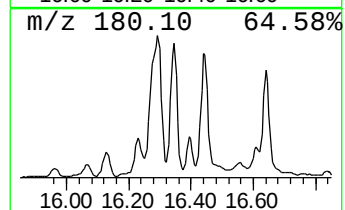
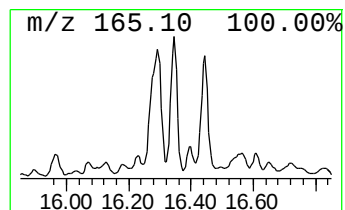
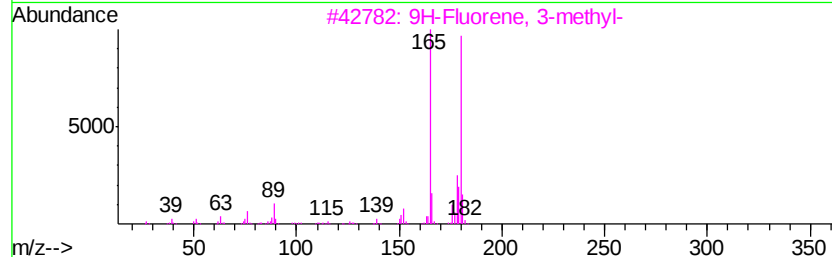
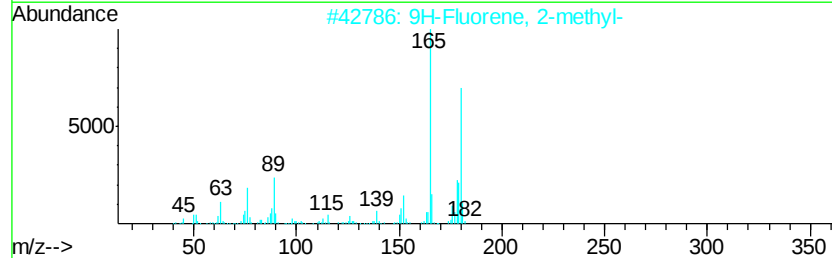
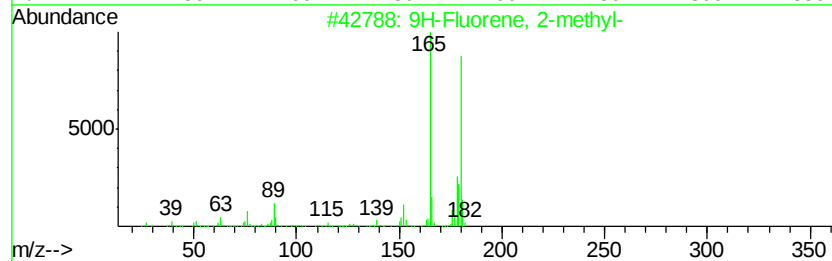
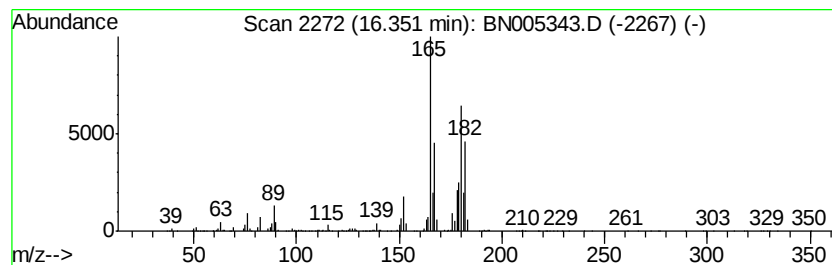
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9H-Fluorene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	15.85 ng/ul	4939970	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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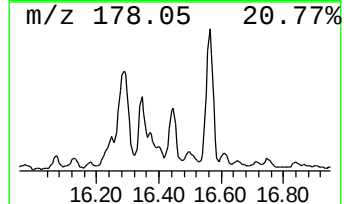
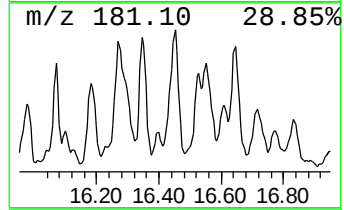
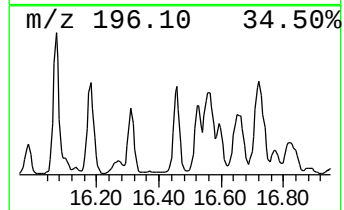
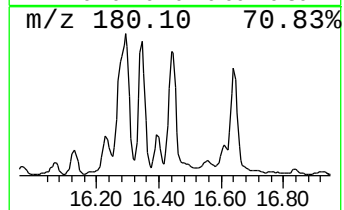
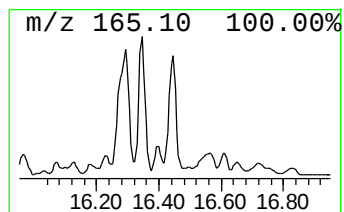
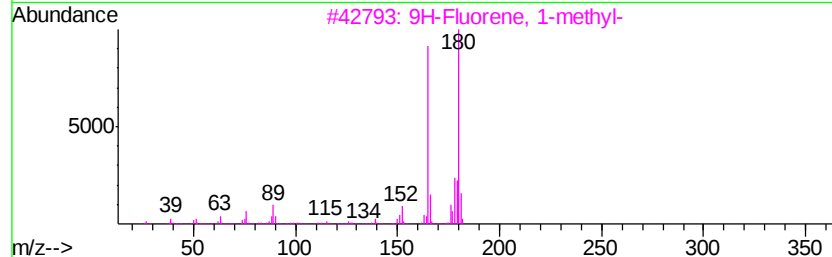
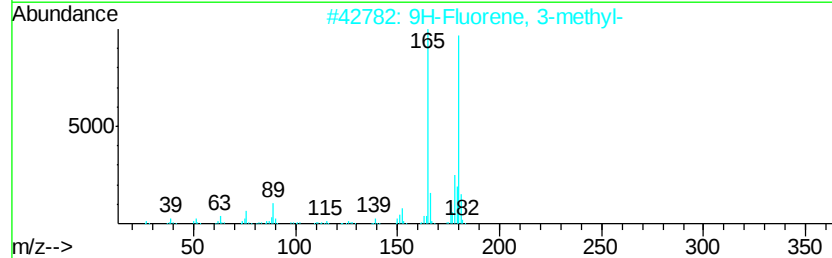
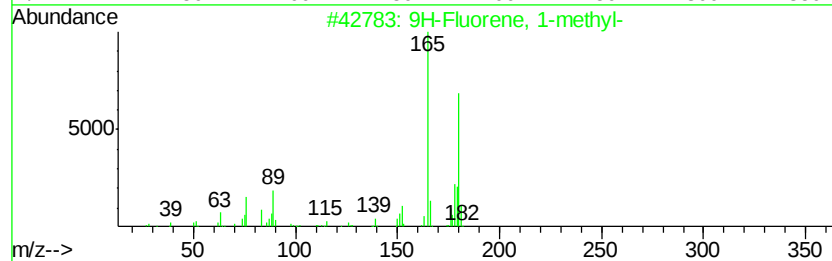
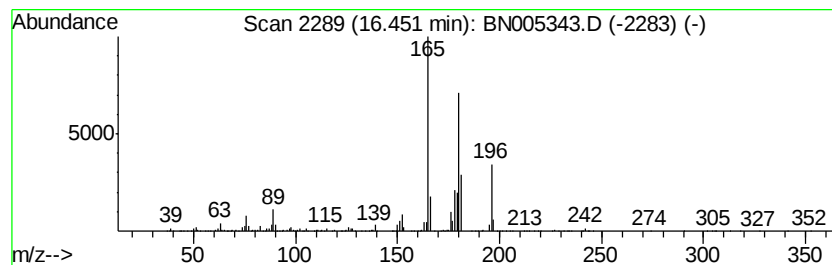
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9H-Fluorene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	14.15 ng/ul	4412830	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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Misc :
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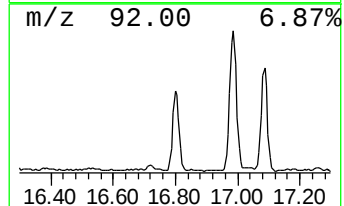
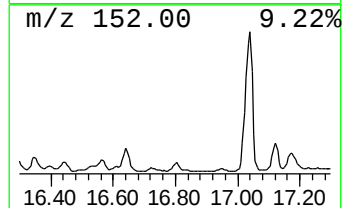
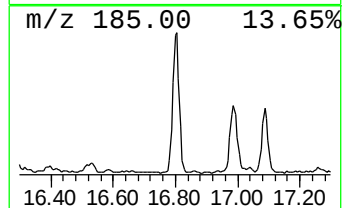
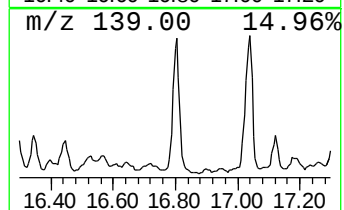
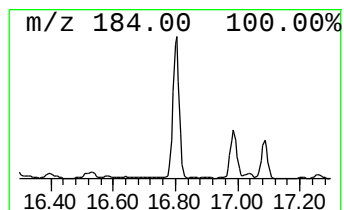
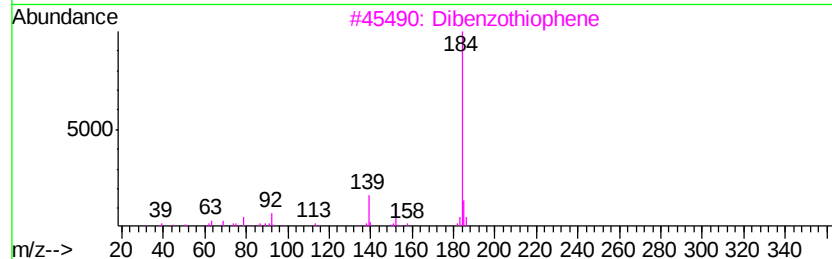
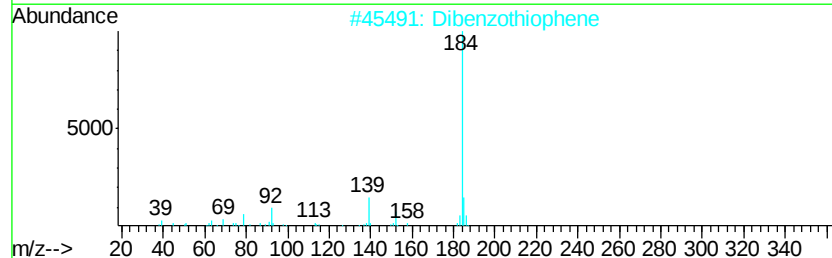
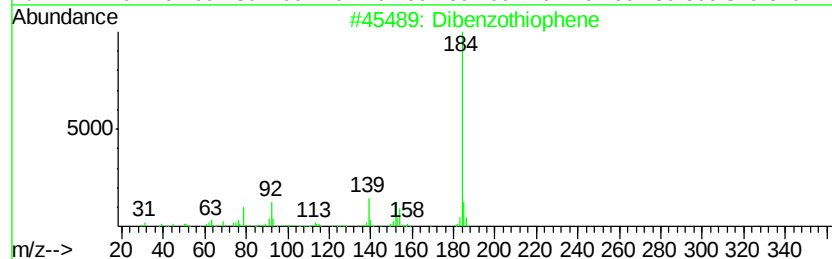
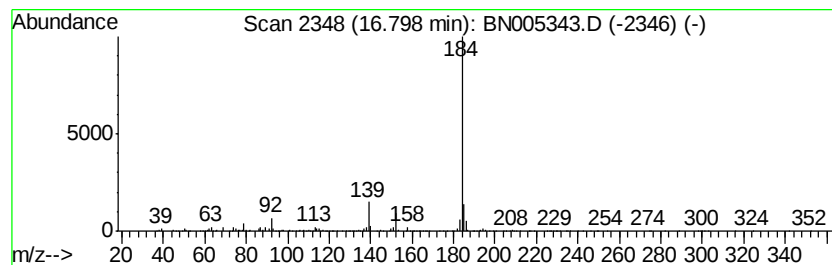
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Dibenzothiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	10.81 ng/ul	3368840	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Dibenzothiophene	184	C12H8S	000132-65-0	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	91
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



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Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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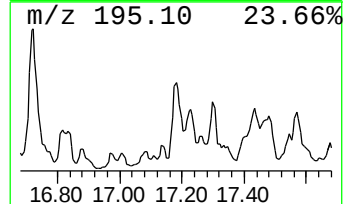
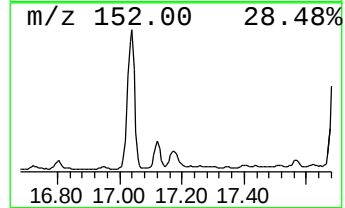
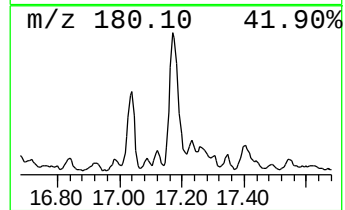
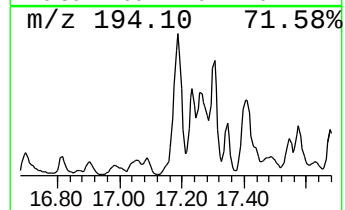
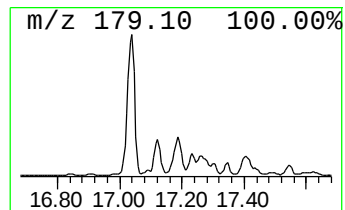
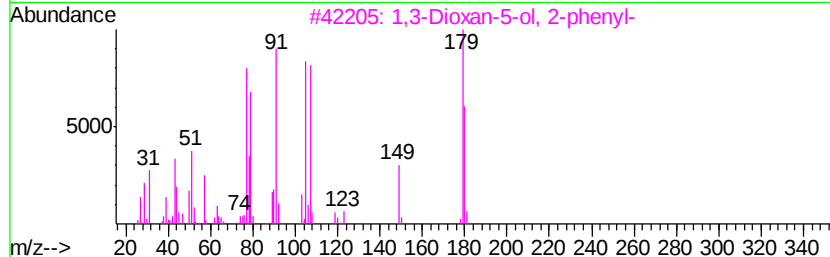
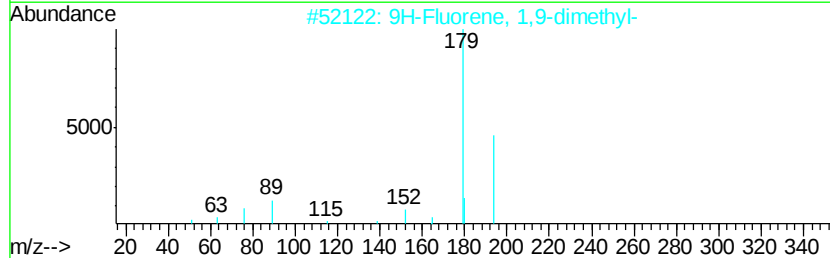
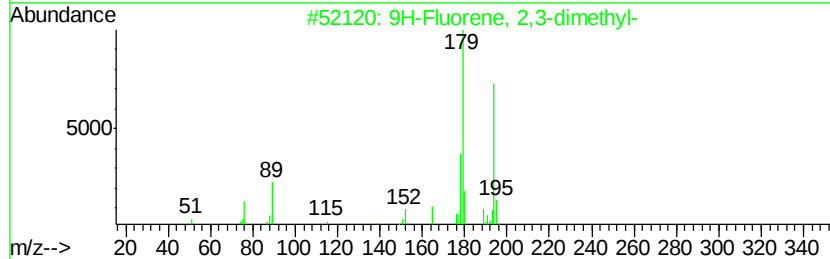
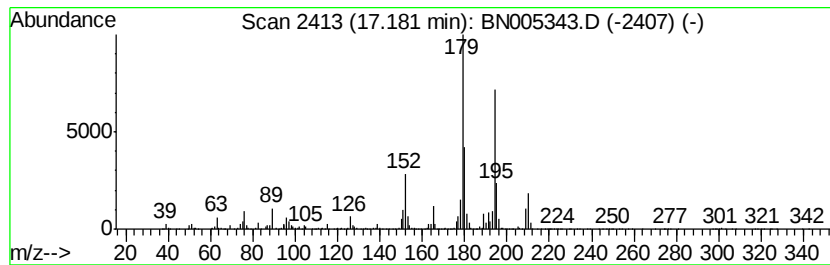
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	13.40 ng/ul	4177080	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	52
2		9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	46
3		1,3-Dioxan-5-ol, 2-phenyl-	180	C10H12O3	001708-40-3	45
4		Benzo[h]quinoline	179	C13H9N	000230-27-3	42
5		Benzo[f]quinoline	179	C13H9N	000085-02-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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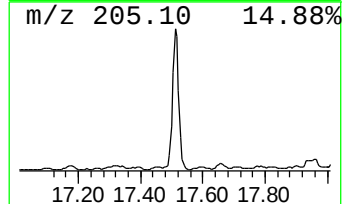
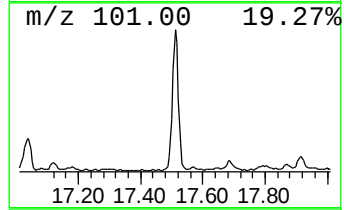
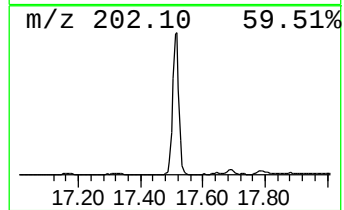
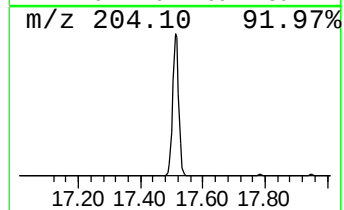
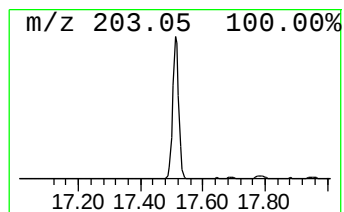
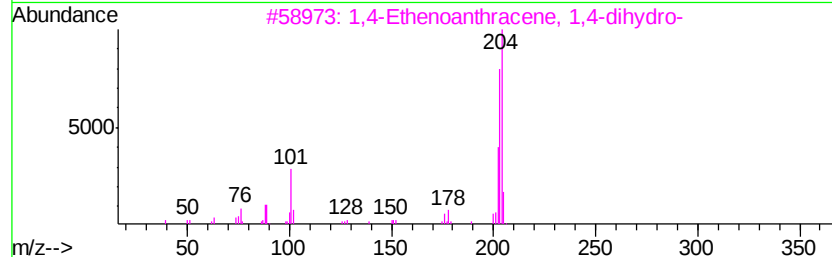
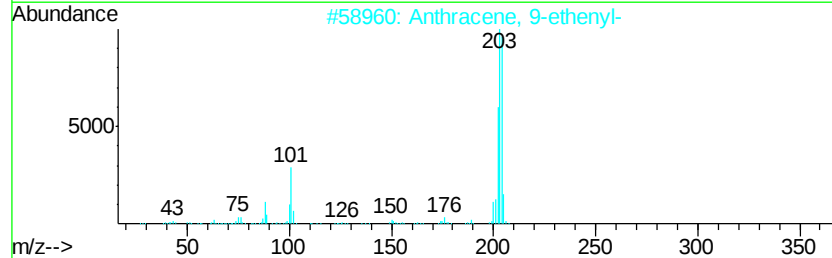
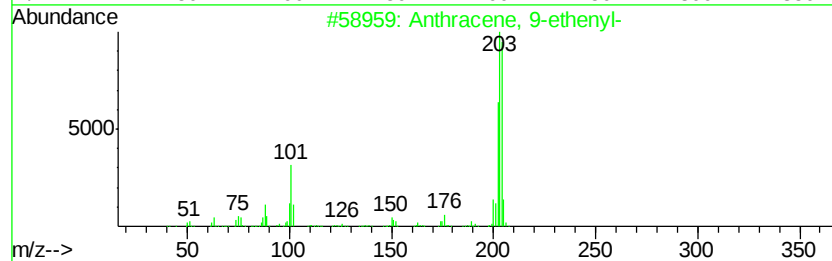
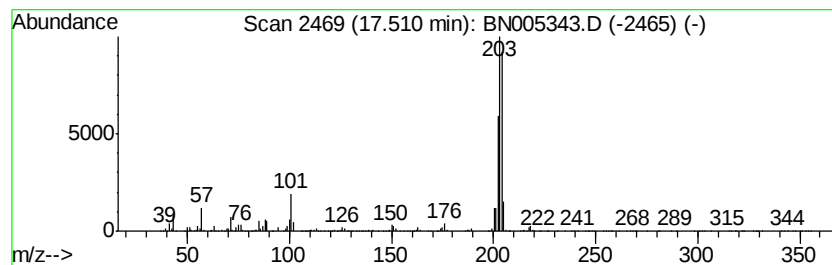
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Anthracene, 9-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	16.40 ng/ul	5114140	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	81
3		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	81
4		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	81
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN6

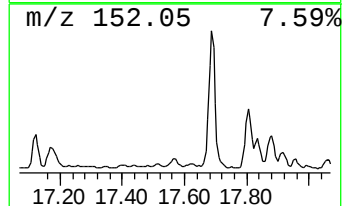
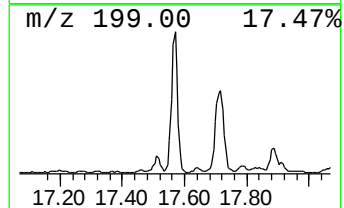
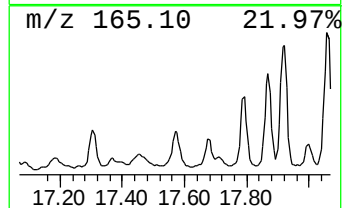
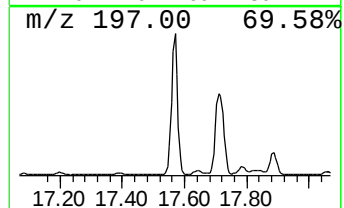
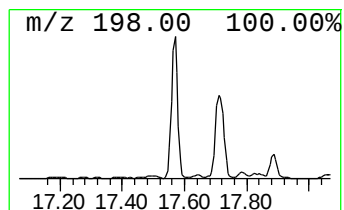
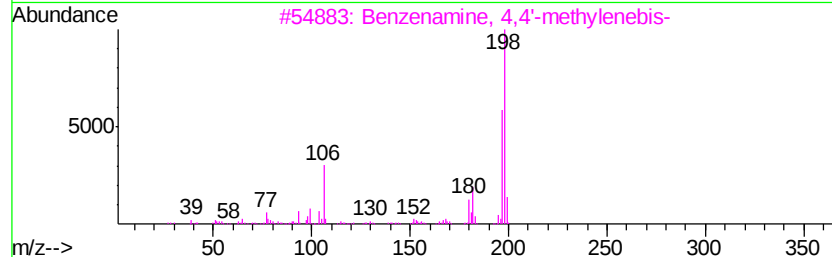
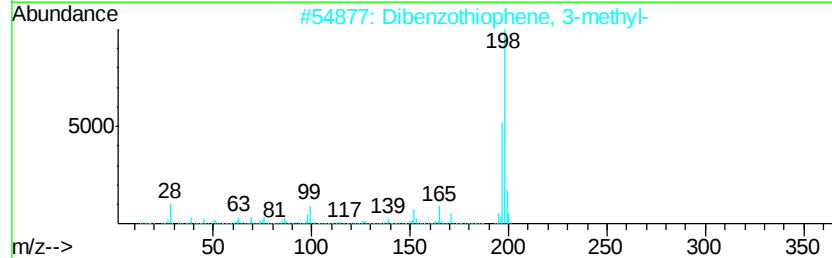
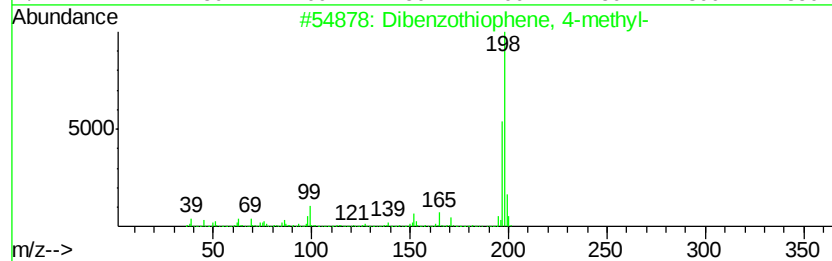
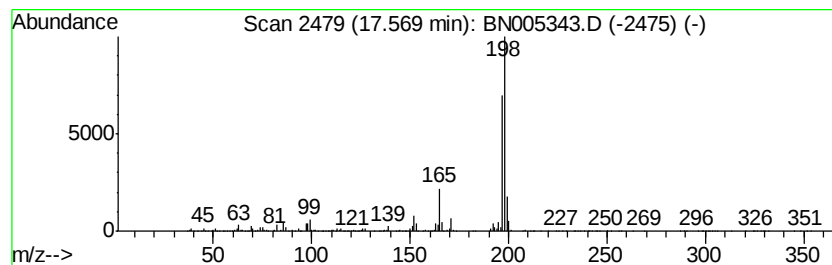
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Dibenzothiophene, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	10.60 ng/ul	3304000	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
3		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	59
5		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHN6

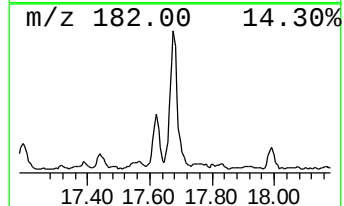
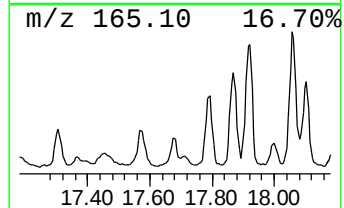
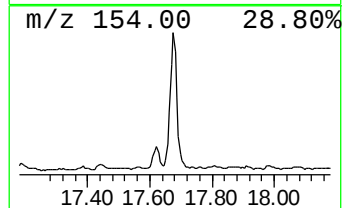
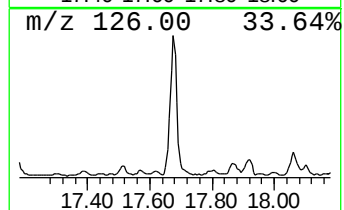
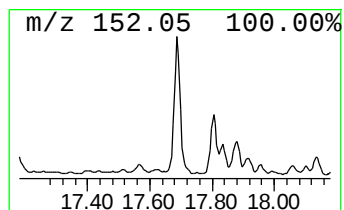
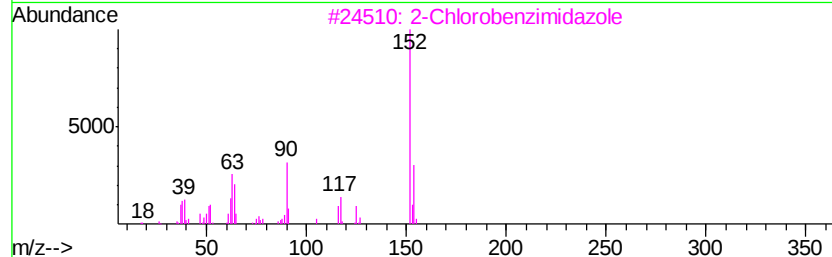
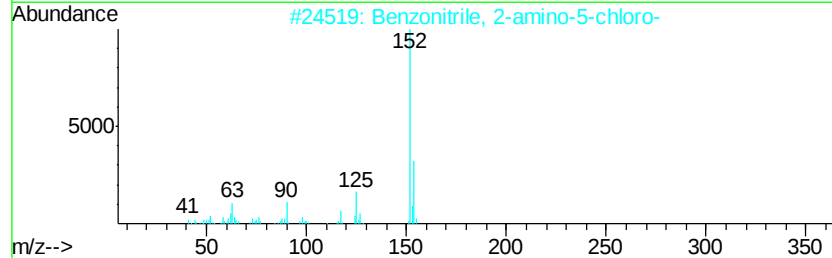
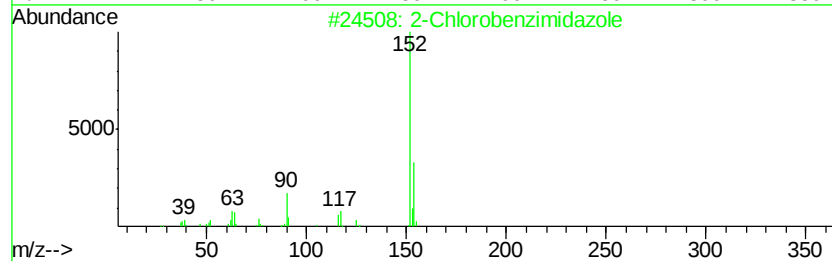
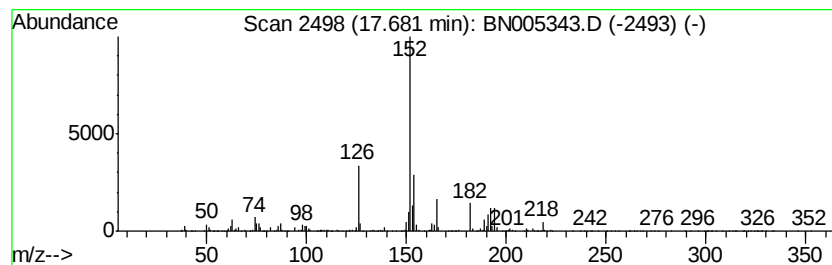
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	21.53 ng/ul	6711810	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	49
2		Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	47
3		2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	47
4		2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	47
5		Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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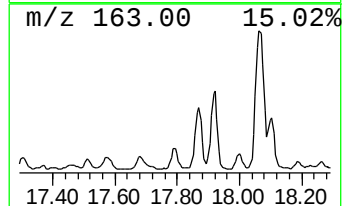
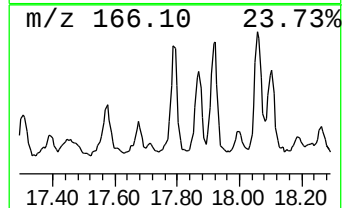
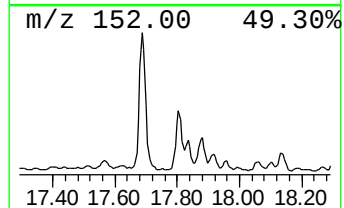
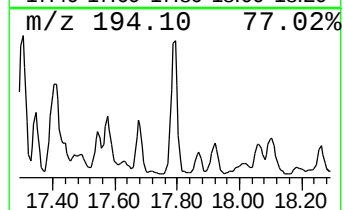
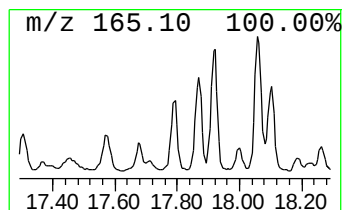
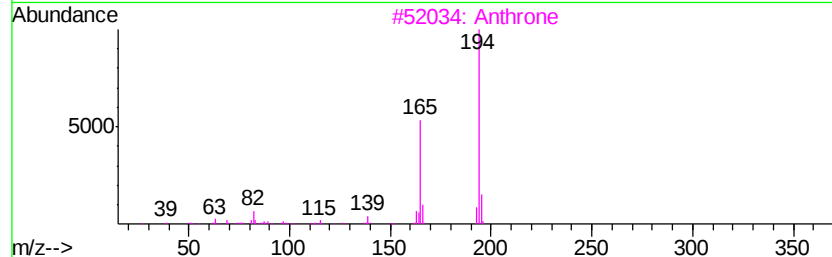
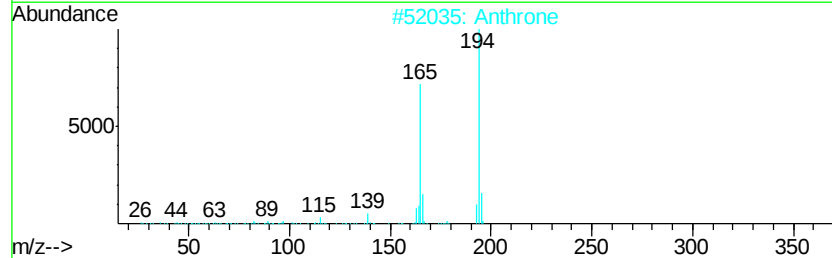
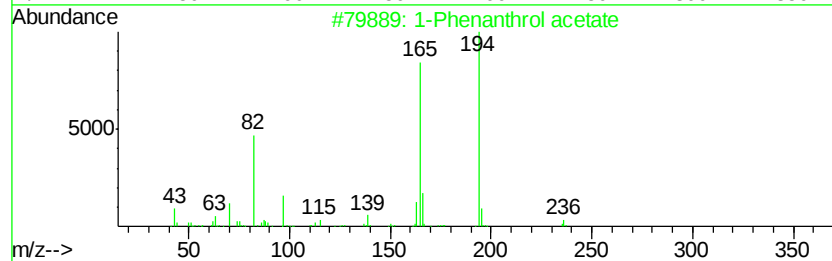
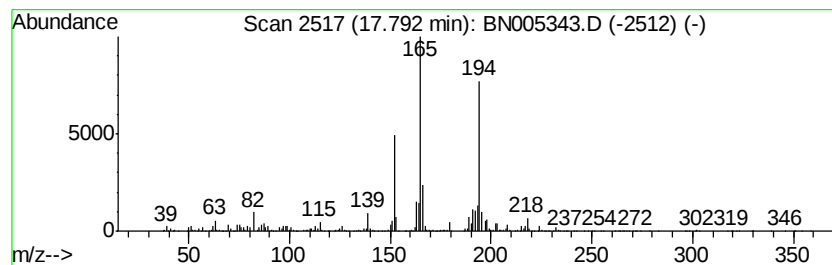
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1-Phenanthrol acetate Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	9.71 ng/ul	3027740	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenanthrol acetate	236	C16H12O2	118621-70-8	86
2			Anthrone	194	C14H10O	000090-44-8	76
3			Anthrone	194	C14H10O	000090-44-8	76
4			1-Phenanthrenol	194	C14H10O	002433-56-9	70
5			2-Phenanthrenol	194	C14H10O	000605-55-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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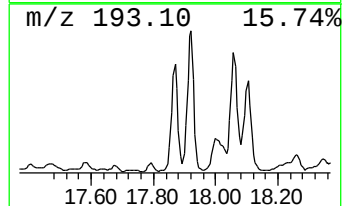
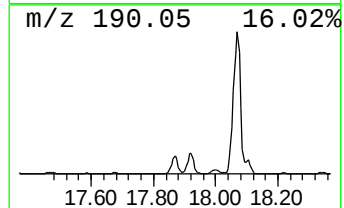
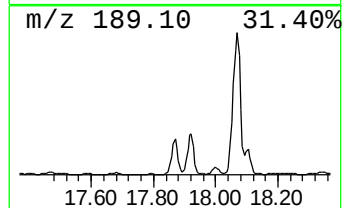
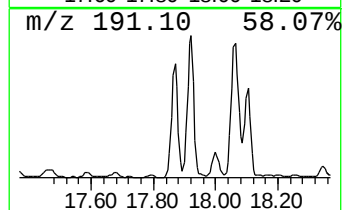
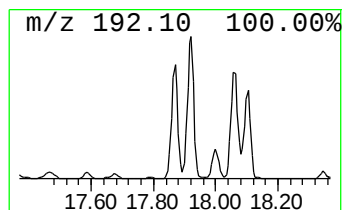
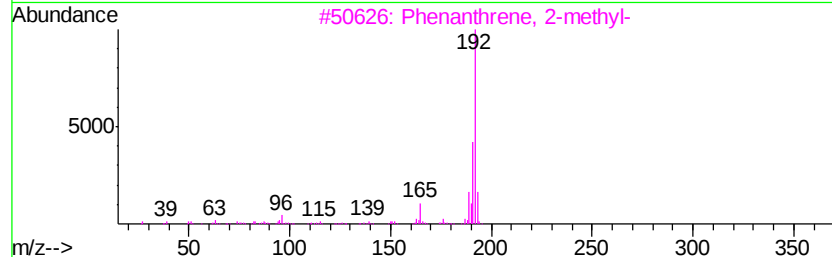
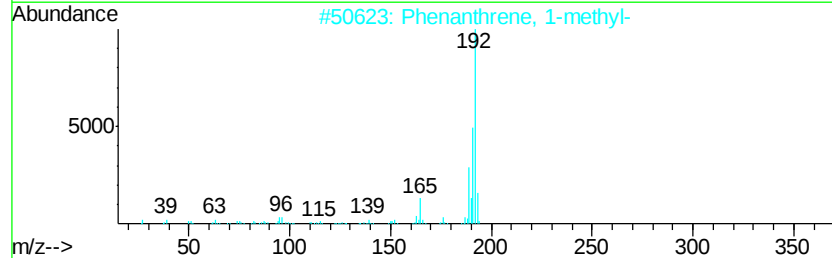
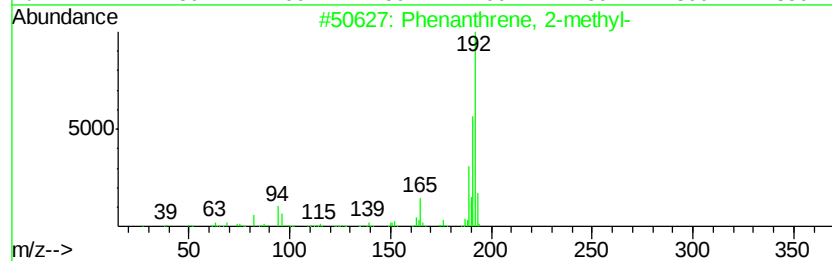
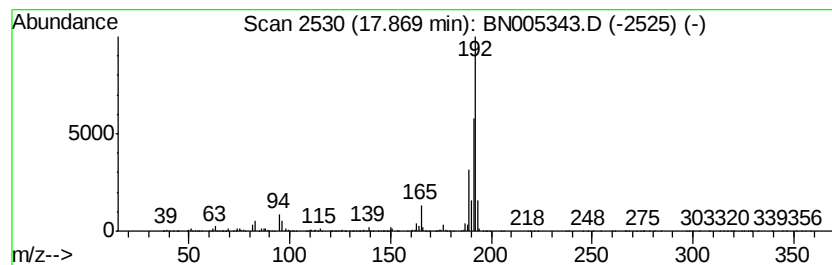
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	46.74 ng/ul	14570800	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

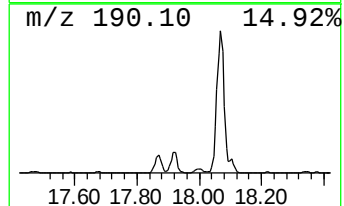
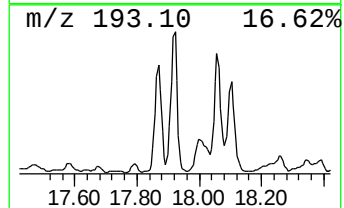
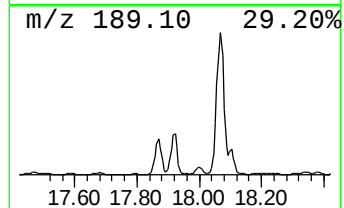
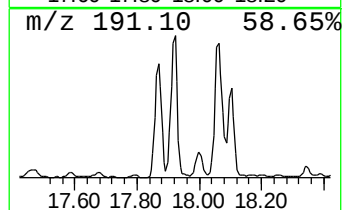
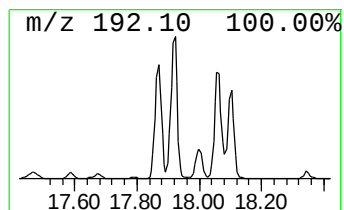
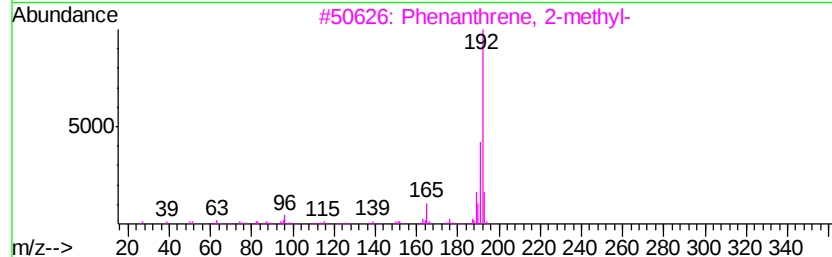
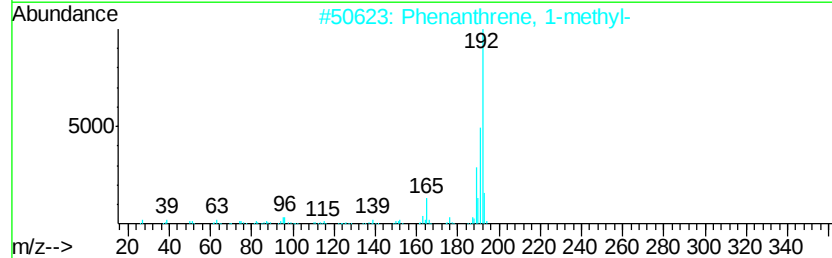
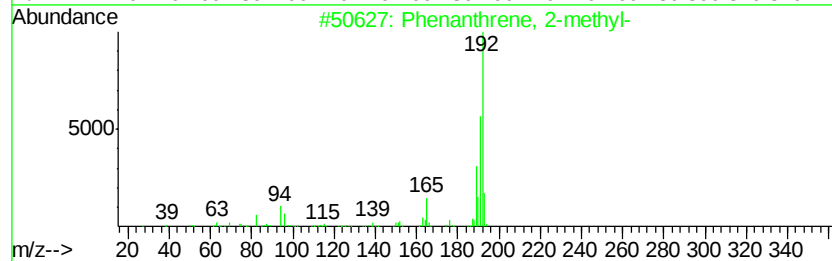
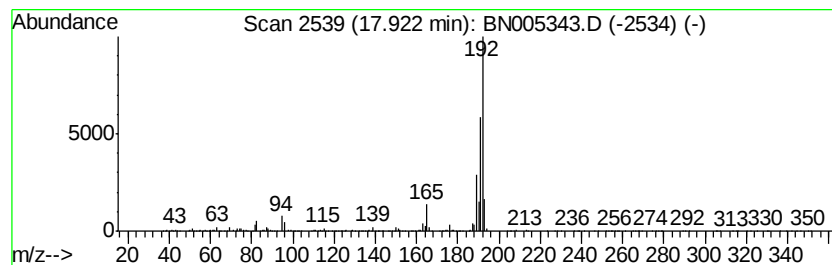
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	62.33 ng/ul	19431400	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
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Sample : K2456-16
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Instrument :
BNA_N
ClientSampleId :
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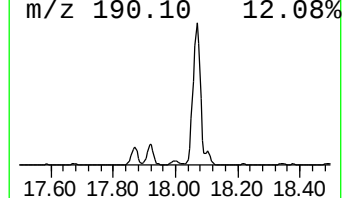
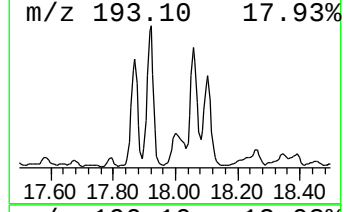
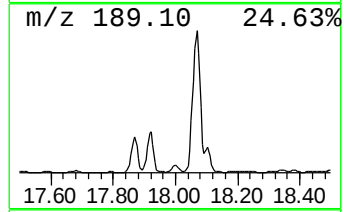
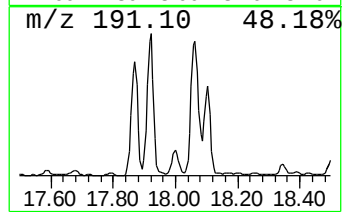
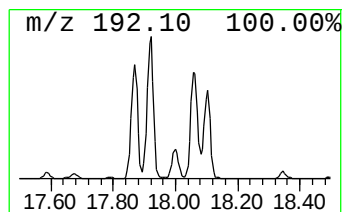
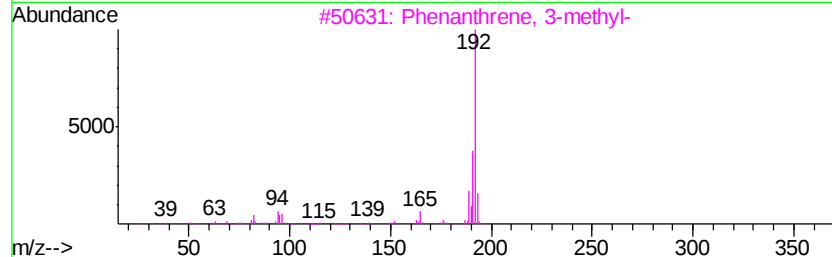
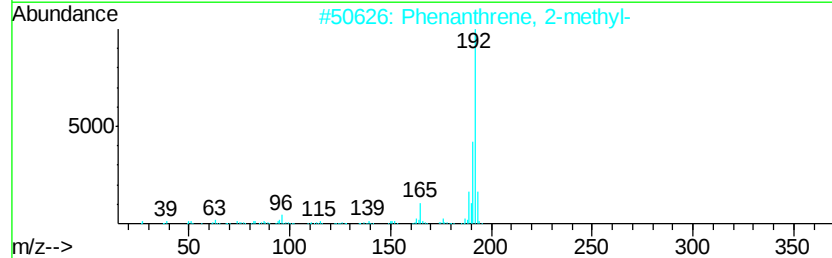
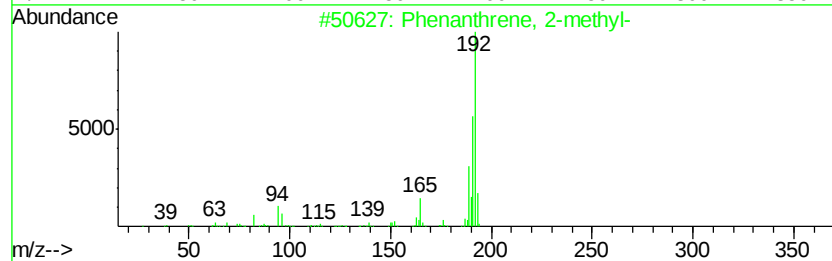
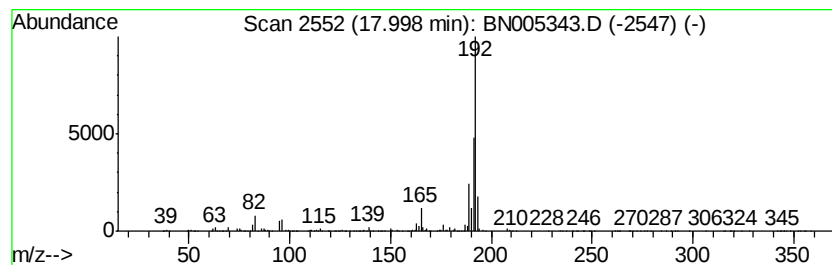
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.26 ng/ul	3511690	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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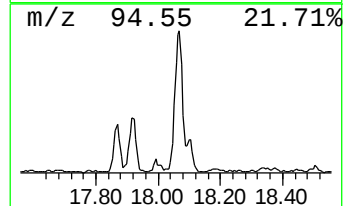
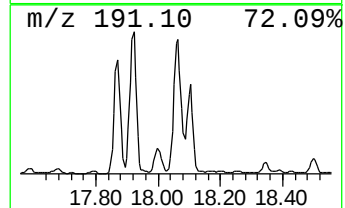
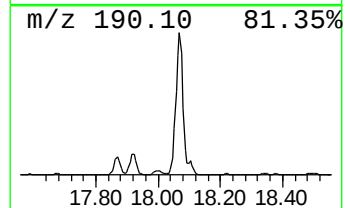
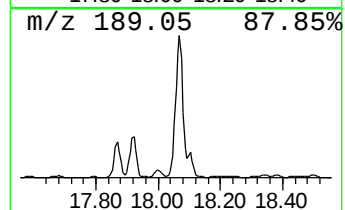
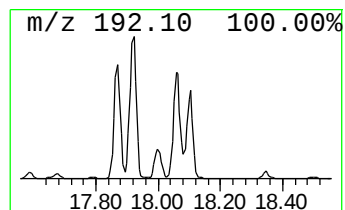
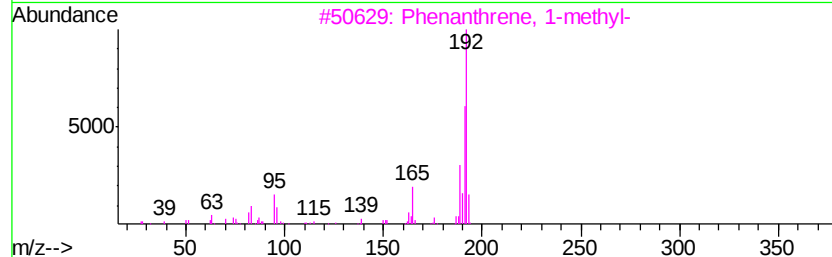
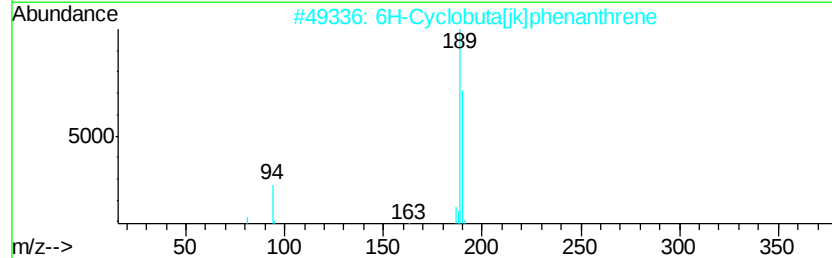
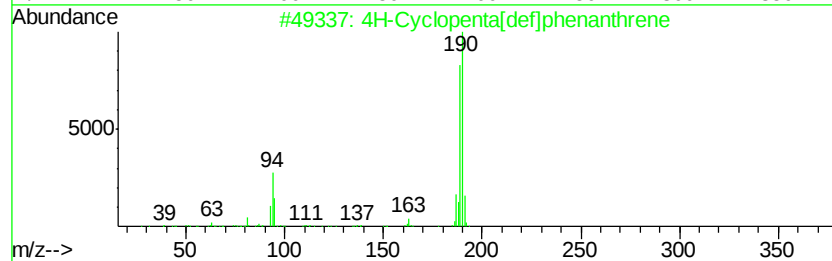
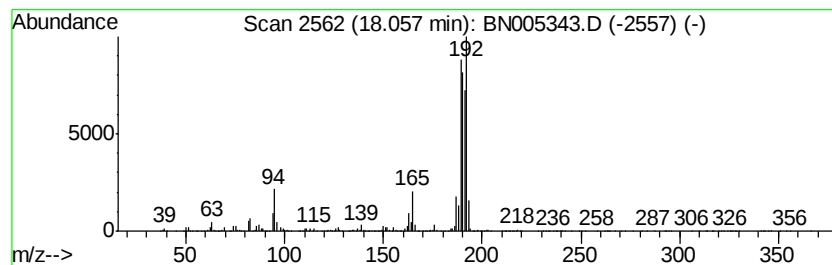
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	108.65 ng/ul	33871400	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

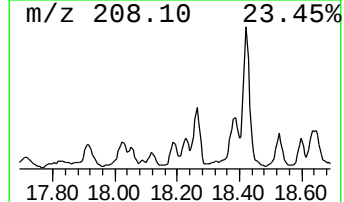
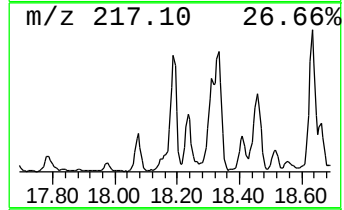
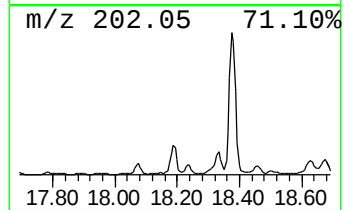
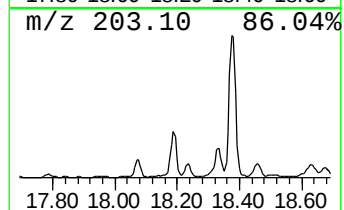
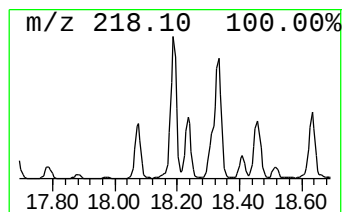
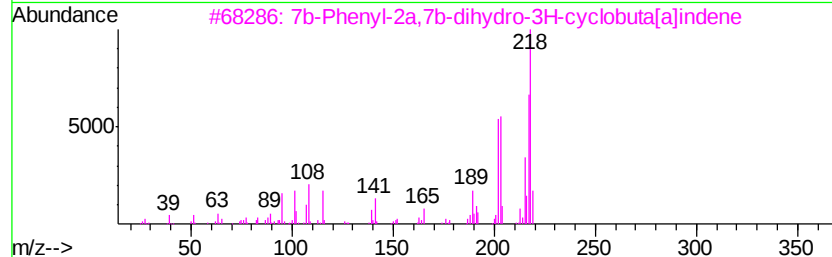
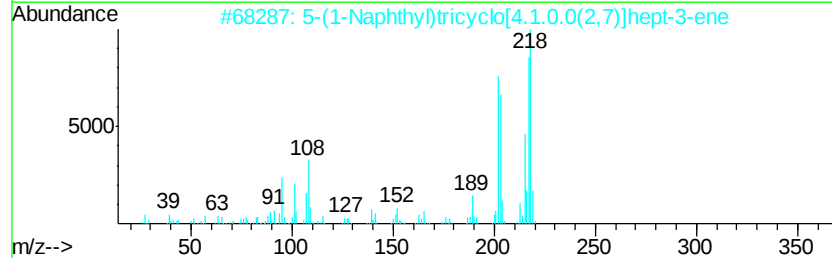
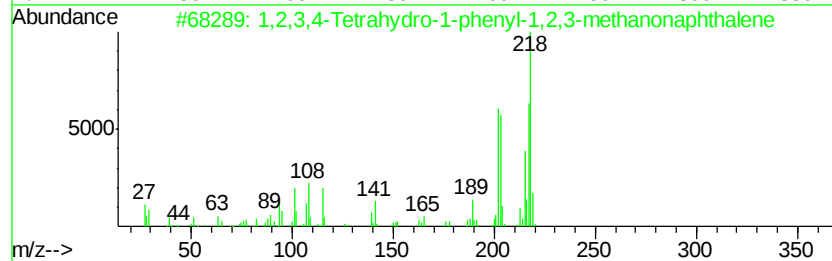
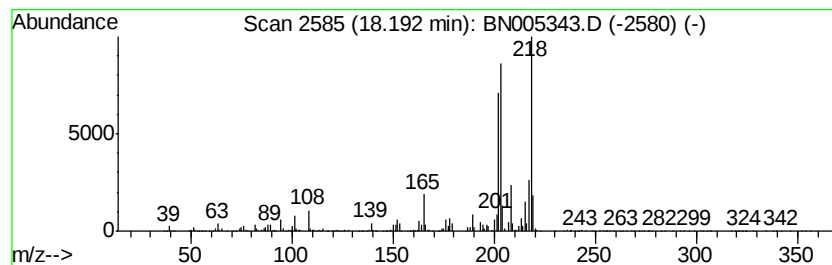
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.19	9.65 ng/ul	3009260	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	76	
2	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	64	
3	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	64	
4	2H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129833-00-7	53	
5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	53	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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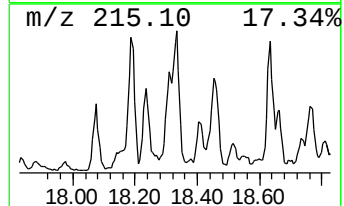
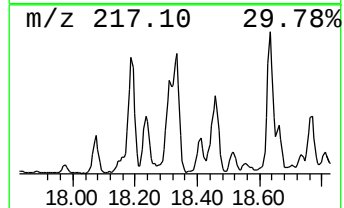
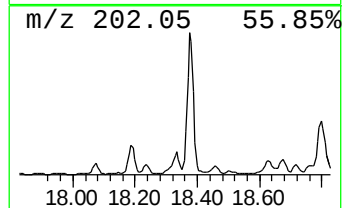
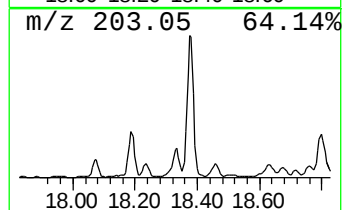
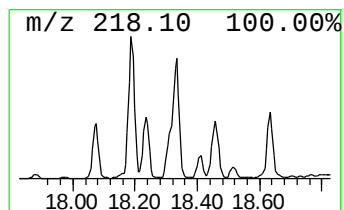
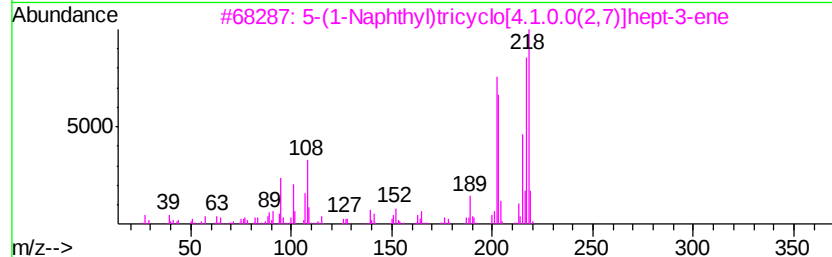
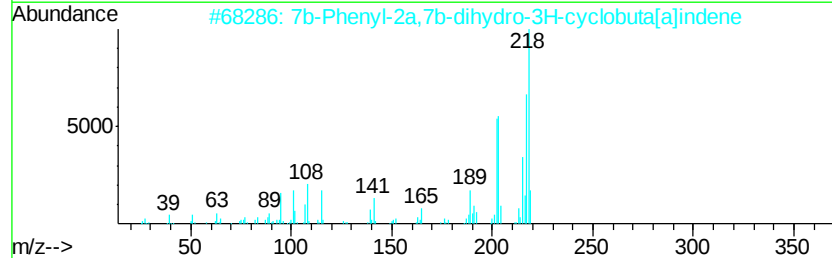
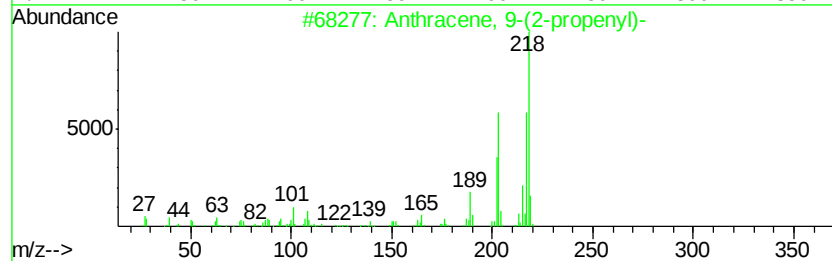
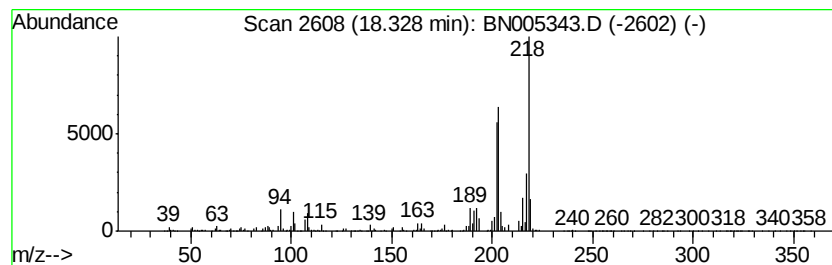
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Anthracene, 9-(2-propenyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	9.46 ng/ul	2950220	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	83
2		7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	76
3		5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	64
4		1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	62
5		9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
Operator : JU/SJ
Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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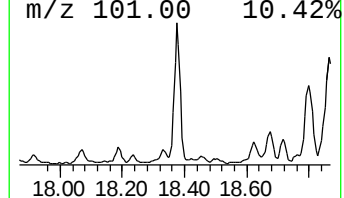
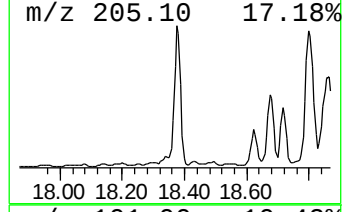
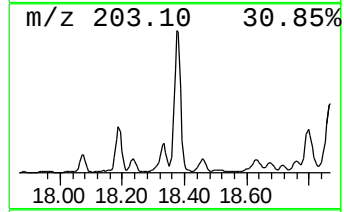
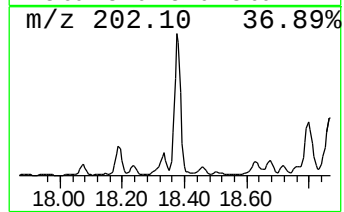
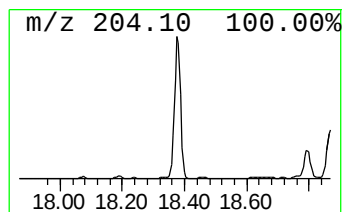
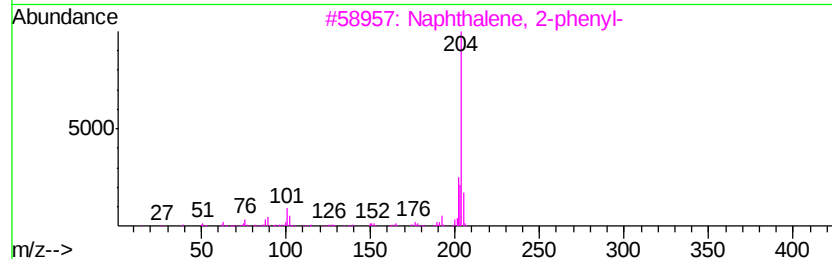
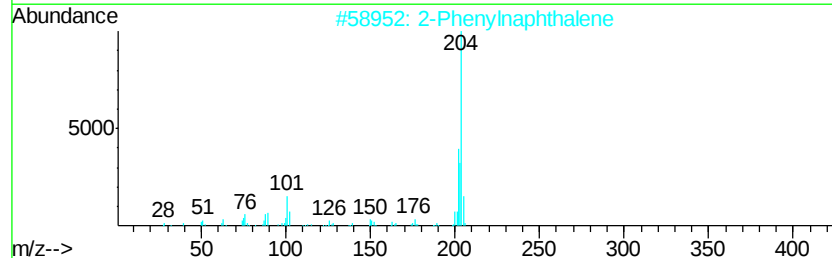
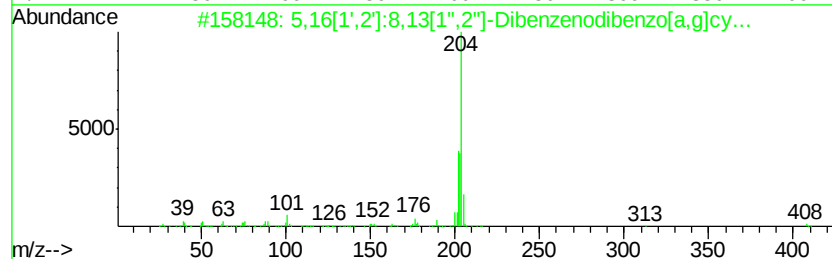
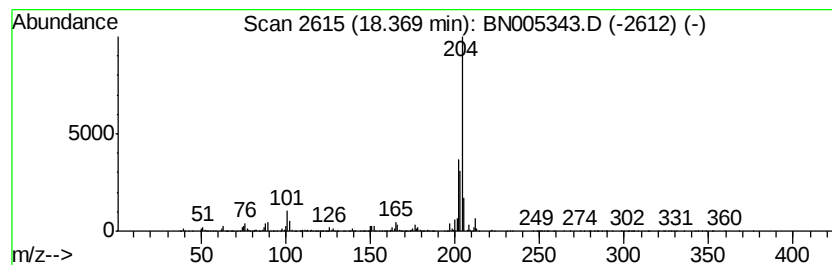
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	40.40 ng/ul	12595500	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005343.D
Acq On : 27 Apr 2019 06:51
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Sample : K2456-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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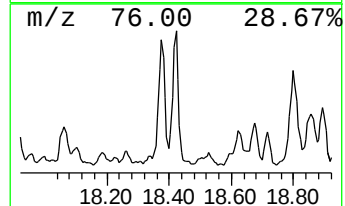
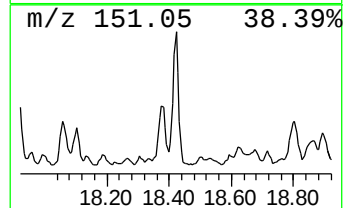
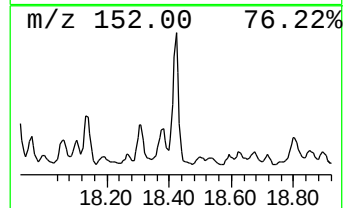
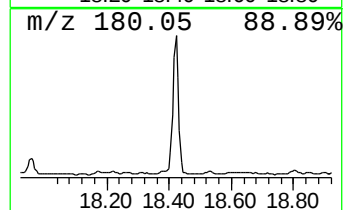
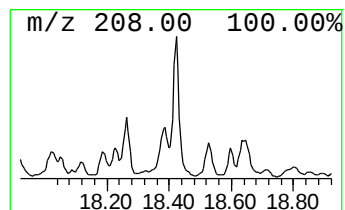
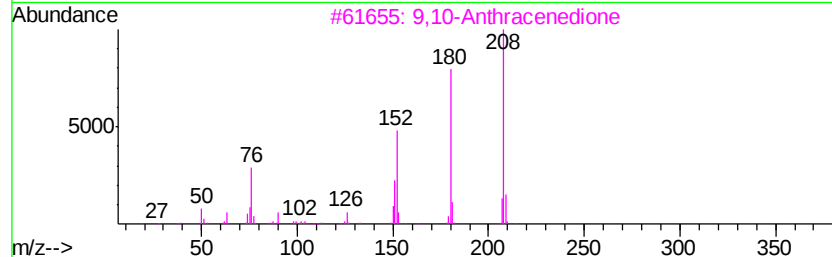
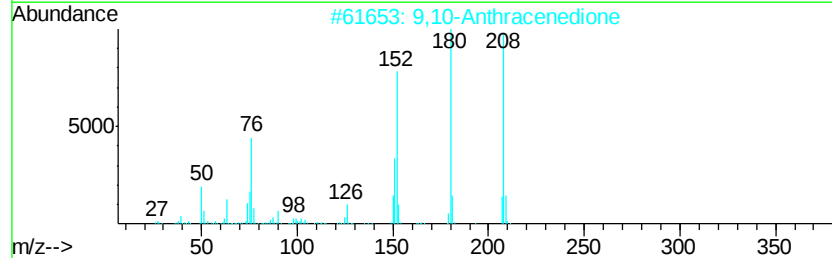
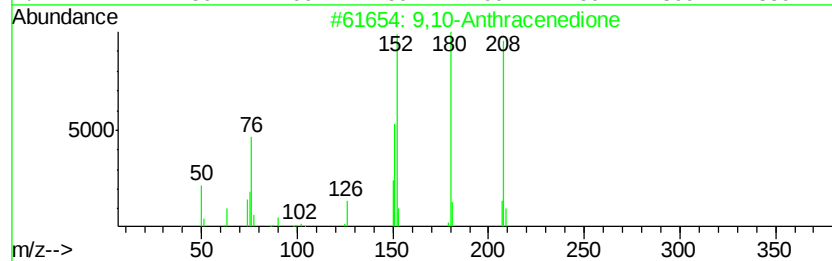
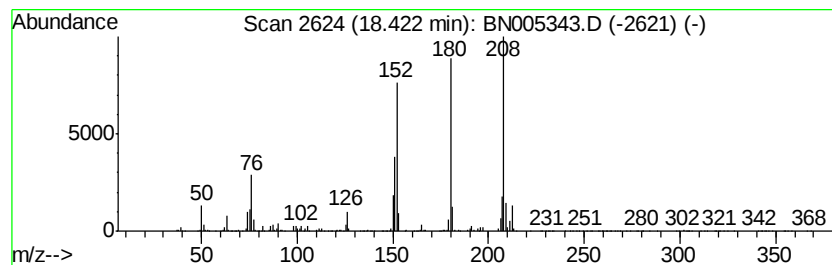
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 9,10-Anthracenedione Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	9.40 ng/ul	2930420	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005343.D
 Acq On : 27 Apr 2019 06:51
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 Sample : K2456-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 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
Benzocycloheptatr...	11.88	11.4	ng/ul	3242060	2	10.36	5663020	20.0
Naphthalene, 1-me...	12.25	75.9	ng/ul	21495100	2	10.36	5663020	20.0
Naphthalene, 1,5-...	13.39	31.6	ng/ul	10198900	3	14.23	6458260	20.0
Naphthalene, 2,6-...	13.55	55.5	ng/ul	17939100	3	14.23	6458260	20.0
Naphthalene, 1,6-...	13.79	24.5	ng/ul	7924480	3	14.23	6458260	20.0
Naphthalene, 2,3,...	14.72	14.6	ng/ul	4711280	3	14.23	6458260	20.0
unknown-01	14.85	28.2	ng/ul	9093110	3	14.23	6458260	20.0
Fluorene-9-methanol	15.11	18.0	ng/ul	5823800	3	14.23	6458260	20.0
unknown-02	15.50	10.3	ng/ul	3322900	3	14.23	6458260	20.0
9H-Fluoren-9-ol	15.58	8.5	ng/ul	2753510	3	14.23	6458260	20.0
(DEL) Alkane: Str...	15.97	13.6	ng/ul	4224940	4	16.99	6235060	20.0
9H-Fluorene, 2-me...	16.29	24.0	ng/ul	7486220	4	16.99	6235060	20.0
9H-Fluorene, 3-me...	16.35	15.9	ng/ul	4939970	4	16.99	6235060	20.0
9H-Fluorene, 1-me...	16.45	14.2	ng/ul	4412830	4	16.99	6235060	20.0
Dibenzothiophene	16.80	10.8	ng/ul	3368840	4	16.99	6235060	20.0
9H-Fluorene, 2,3-...	17.18	13.4	ng/ul	4177080	4	16.99	6235060	20.0
Anthracene, 9-eth...	17.51	16.4	ng/ul	5114140	4	16.99	6235060	20.0
Dibenzothiophene,...	17.57	10.6	ng/ul	3304000	4	16.99	6235060	20.0
unknown-03	17.68	21.5	ng/ul	6711810	4	16.99	6235060	20.0
1-Phenanthrol ace...	17.79	9.7	ng/ul	3027740	4	16.99	6235060	20.0
Phenanthrene, 2-m...	17.87	46.7	ng/ul	14570800	4	16.99	6235060	20.0
Phenanthrene, 1-m...	17.92	62.3	ng/ul	19431400	4	16.99	6235060	20.0
Phenanthrene, 3-m...	18.00	11.3	ng/ul	3511690	4	16.99	6235060	20.0
4H-Cyclopenta[def...	18.06	108.7	ng/ul	33871400	4	16.99	6235060	20.0
1,2,3,4-Tetrahydr...	18.19	9.7	ng/ul	3009260	4	16.99	6235060	20.0
Anthracene, 9-(2-...	18.33	9.5	ng/ul	2950220	4	16.99	6235060	20.0
5,16[1',2']:8,13[...	18.37	40.4	ng/ul	12595500	4	16.99	6235060	20.0
9,10-Anthracenedione	18.42	9.4	ng/ul	2930420	4	16.99	6235060	20.0