

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006056.D
 Acq On : 04 Jun 2019 03:31
 Operator : JU/SJ
 Sample : K2928-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C9

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-BN060319MA.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	6.907	628	638	647	rBV	1478081	2536847	3.43%	0.246%
2	7.265	693	699	706	rVB	1580785	2432665	3.29%	0.236%
3	7.730	771	778	785	rBV	1894214	3002973	4.07%	0.291%
4	8.436	891	898	906	rBV	1711336	2855338	3.87%	0.277%
5	8.883	968	974	983	rVB	1372732	2286988	3.10%	0.222%
6	10.148	1182	1189	1197	rBV	1667004	2763144	3.74%	0.268%
7	10.518	1242	1252	1257	rBV	2472094	4147869	5.62%	0.402%
8	13.794	1805	1809	1813	rVV	2892318	3986879	5.40%	0.387%
9	14.077	1852	1857	1861	rBV	3057776	4809077	6.51%	0.467%
10	14.389	1899	1910	1916	rBV2	3131013	5365246	7.26%	0.520%
11	14.606	1939	1947	1954	rBV4	1468778	3331908	4.51%	0.323%
12	14.689	1954	1961	1967	rBV2	1108143	2545472	3.45%	0.247%
13	14.789	1971	1978	1985	rVB	1732197	3136146	4.25%	0.304%
14	14.865	1986	1991	1995	rVB	2314364	3111514	4.21%	0.302%
15	15.006	2010	2015	2020	rBV	2302917	3838173	5.20%	0.372%
16	15.183	2037	2045	2048	rBV2	1750854	3720341	5.04%	0.361%
17	15.347	2065	2073	2076	rBV3	1451298	3098505	4.19%	0.301%
18	15.383	2076	2079	2084	rVV	3308338	4753539	6.44%	0.461%
19	15.565	2107	2110	2113	rVV2	2212056	3124128	4.23%	0.303%
20	15.653	2121	2125	2132	rVV	2181286	3917125	5.30%	0.380%
21	15.724	2132	2137	2140	rVV3	1437323	3259802	4.41%	0.316%
22	15.759	2140	2143	2147	rVB	1996893	2652195	3.59%	0.257%
23	16.118	2199	2204	2210	rVB4	3486922	6745992	9.13%	0.654%
24	16.253	2223	2227	2231	rVV2	1705107	2538749	3.44%	0.246%
25	16.453	2253	2261	2265	rBV3	1925465	4431407	6.00%	0.430%
26	16.500	2265	2269	2275	rVV3	2229216	3831223	5.19%	0.372%
27	16.600	2284	2286	2291	rVB2	2309643	2854002	3.86%	0.277%
28	16.653	2291	2295	2297	rBV2	1691943	2585655	3.50%	0.251%
29	16.718	2303	2306	2310	rVB3	2306565	2919536	3.95%	0.283%
30	16.800	2316	2320	2326	rBV3	1376150	2466945	3.34%	0.239%
31	16.877	2327	2333	2335	rBV4	1965392	3325215	4.50%	0.323%
32	16.959	2344	2347	2356	rVB6	1619014	3679585	4.98%	0.357%
33	17.147	2374	2379	2382	rVV	2760165	4243770	5.75%	0.412%
34	17.194	2382	2387	2391	rVV	13032864	19567371	26.49%	1.898%

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 Title : SVOA CALIBRATION

35	17.247	2392	2396	2398	rVV	3220340	4910805	6.65%	0.476%
36	17.283	2398	2402	2406	rVB	5510649	7671342	10.39%	0.744%
37	17.335	2406	2411	2417	rBV2	2473746	5897912	7.98%	0.572%
38	17.553	2444	2448	2450	rBV3	1789750	2661430	3.60%	0.258%
39	17.665	2465	2467	2471	rVB	2321904	2645726	3.58%	0.257%
40	17.730	2471	2478	2487	rVB4	4292186	7736379	10.47%	0.750%
41	17.877	2498	2503	2507	rVB	1278591	2298384	3.11%	0.223%
42	18.030	2524	2529	2533	rVV	8983109	14479922	19.60%	1.405%
43	18.082	2533	2538	2544	rVB	12380104	19530389	26.44%	1.895%
44	18.165	2545	2552	2557	rBV	6295370	12139764	16.44%	1.178%
45	18.224	2557	2562	2567	rVV2	15170250	30151429	40.82%	2.925%
46	18.265	2567	2569	2575	rVB	10755488	13732823	18.59%	1.332%
47	18.341	2578	2582	2585	rBV2	3221721	4124200	5.58%	0.400%
48	18.430	2592	2597	2601	rVB2	3729784	5258279	7.12%	0.510%
49	18.530	2610	2614	2619	rBV3	6814183	10860171	14.70%	1.054%
50	18.588	2621	2624	2632	rVB3	5043218	7824463	10.59%	0.759%
51	18.659	2632	2636	2640	rBV	2987362	4464967	6.04%	0.433%
52	18.753	2648	2652	2653	rBV2	3281071	3981327	5.39%	0.386%
53	18.782	2653	2657	2660	rVV	6163413	10243528	13.87%	0.994%
54	18.835	2662	2666	2669	rVV	5402031	8739401	11.83%	0.848%
55	18.871	2669	2672	2677	rVB2	4540186	6501121	8.80%	0.631%
56	18.965	2682	2688	2692	rBV	13235716	26556098	35.95%	2.576%
57	19.053	2701	2703	2707	rVB	5107184	5283306	7.15%	0.513%
58	19.118	2707	2714	2719	rBV3	8420136	18145907	24.57%	1.760%
59	19.247	2727	2736	2739	rBV3	23111552	54340045	73.57%	5.271%
60	19.288	2739	2743	2746	rVV	3279658	5022929	6.80%	0.487%
61	19.324	2746	2749	2754	rVB3	4657221	6512862	8.82%	0.632%
62	19.518	2779	2782	2786	rVB2	4131366	5079552	6.88%	0.493%
63	19.612	2786	2798	2803	rBV5	24353160	73864903	100.00%	7.165%
64	19.665	2803	2807	2813	rVB2	7504896	13341556	18.06%	1.294%
65	19.759	2813	2823	2831	rBV2	4222337	14695427	19.90%	1.426%
66	19.829	2831	2835	2841	rVB3	4720697	7548838	10.22%	0.732%
67	19.924	2845	2851	2861	rBV6	8609314	24967185	33.80%	2.422%
68	20.006	2862	2865	2869	rVV2	2592149	3890883	5.27%	0.377%
69	20.059	2869	2874	2875	rVV2	7001140	10221420	13.84%	0.992%
70	20.094	2878	2880	2884	rVB	10578999	12677766	17.16%	1.230%
71	20.194	2893	2897	2901	rVB	5113731	5961249	8.07%	0.578%

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72	20.259	2902	2908	2911	rVB2	9073343	14365389	19.45%	1.394%
73	20.335	2918	2921	2925	rVB3	2755491	3624517	4.91%	0.352%
74	20.400	2927	2932	2935	rBV	9040674	13475401	18.24%	1.307%
75	20.441	2935	2939	2943	rVB	8062280	10520701	14.24%	1.021%
76	20.753	2990	2992	2997	rVB2	2794171	3411337	4.62%	0.331%
77	20.853	3005	3009	3014	rVB	9000815	12816802	17.35%	1.243%
78	20.935	3020	3023	3028	rVB	2447817	3285316	4.45%	0.319%
79	21.012	3029	3036	3040	rBV2	9177058	18648872	25.25%	1.809%
80	21.053	3040	3043	3047	rVV	7552944	10968926	14.85%	1.064%
81	21.094	3047	3050	3054	rVV2	5632456	8729641	11.82%	0.847%
82	21.159	3057	3061	3066	rVB	6791897	10097422	13.67%	0.980%
83	21.365	3089	3096	3100	rBV	18700109	42487056	57.52%	4.122%
84	21.423	3101	3106	3114	rVB	20477688	42252249	57.20%	4.099%
85	21.494	3114	3118	3121	rBV2	3717840	5140592	6.96%	0.499%
86	21.529	3121	3124	3130	rVB3	4006758	5382160	7.29%	0.522%
87	21.741	3157	3160	3164	rVB3	3037523	3854203	5.22%	0.374%
88	21.829	3172	3175	3179	rVB2	2769647	3675193	4.98%	0.357%
89	21.876	3180	3183	3186	rVV	3020371	4068465	5.51%	0.395%
90	21.941	3190	3194	3198	rVV	10064207	17083834	23.13%	1.657%
91	21.988	3199	3202	3206	rVB2	5937259	8270675	11.20%	0.802%
92	22.141	3224	3228	3232	rBV2	5857806	9350919	12.66%	0.907%
93	22.235	3240	3244	3249	rVB2	4900206	7691669	10.41%	0.746%
94	22.729	3324	3328	3333	rVB2	3501463	5634602	7.63%	0.547%
95	23.012	3367	3376	3381	rBV2	14725018	45612410	61.75%	4.425%
96	23.165	3398	3402	3408	rBV	4050406	6472819	8.76%	0.628%
97	23.494	3451	3458	3467	rBV	10168763	25291498	34.24%	2.453%
98	23.606	3469	3477	3483	rVB	15070578	36314405	49.16%	3.523%
99	23.735	3494	3499	3508	rVB3	6026912	13542013	18.33%	1.314%
100	26.041	3880	3891	3898	rVB2	8492688	30948429	41.90%	3.002%

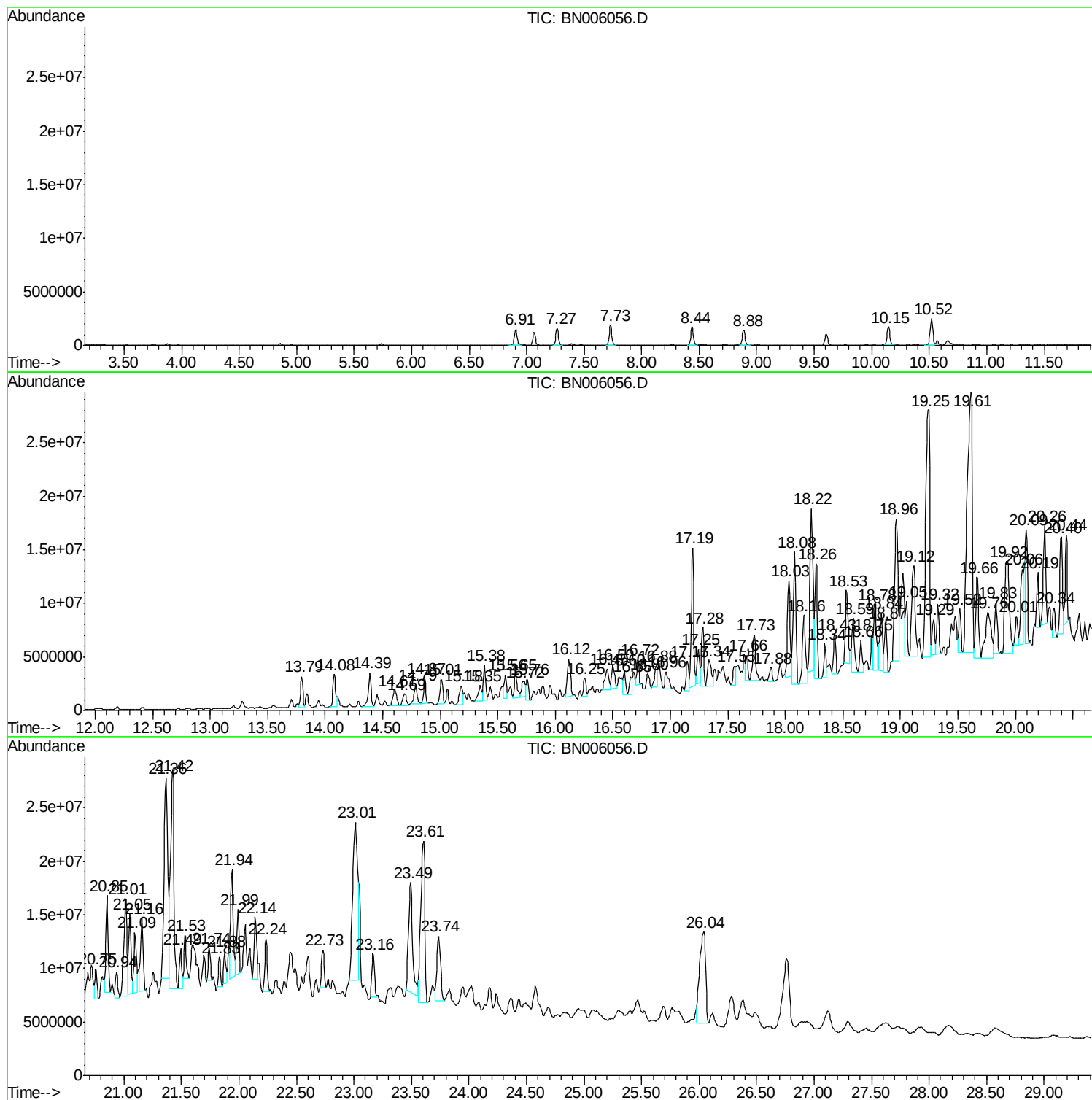
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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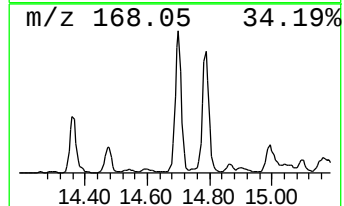
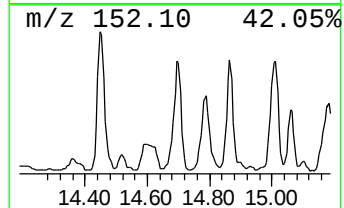
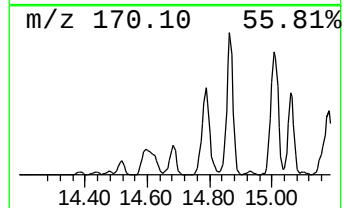
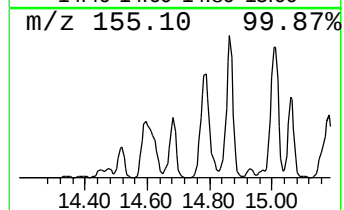
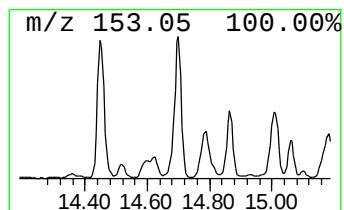
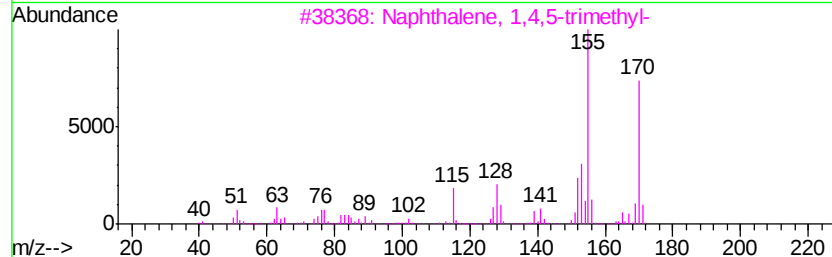
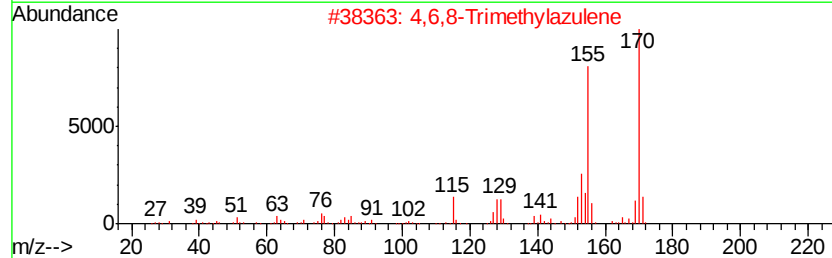
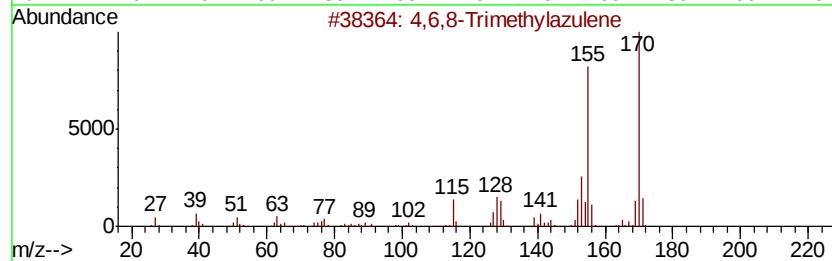
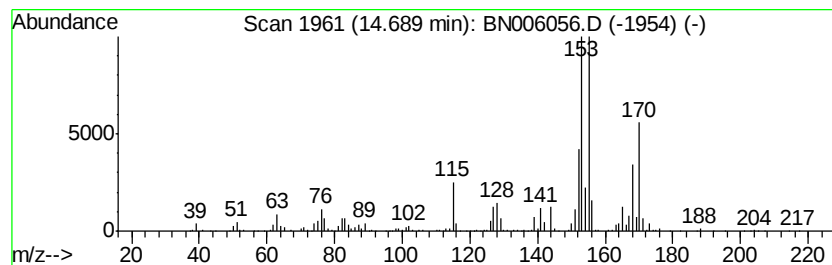
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 4,6,8-Trimethylazulene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.49 ng/ul	2545470	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1 55
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1 55
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1 50
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6 50
5	4-Biphenyl methyl carbinol	198	C14H14O	003562-73-0 47



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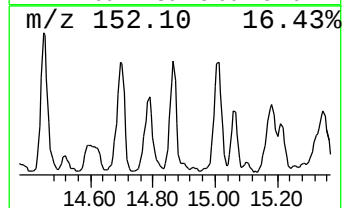
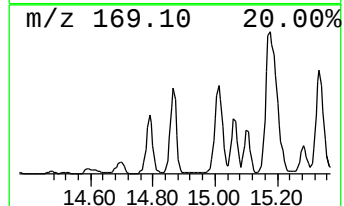
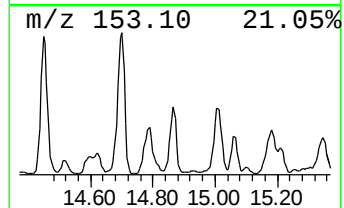
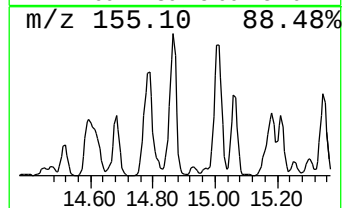
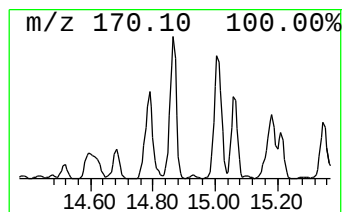
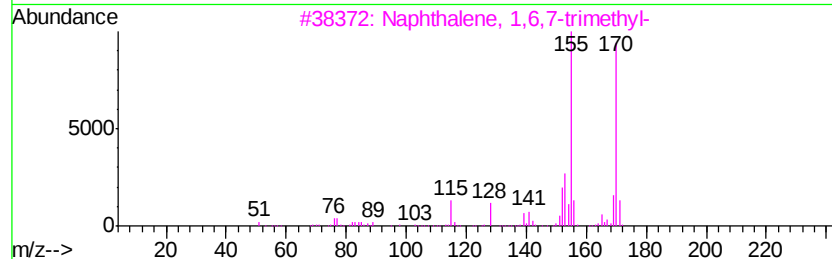
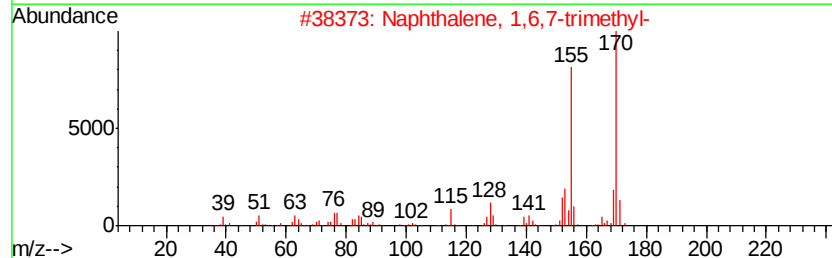
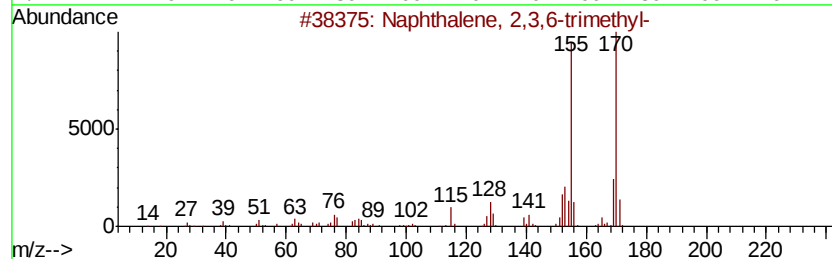
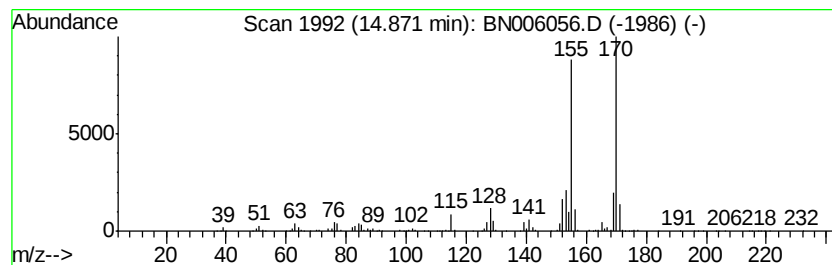
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.60 ng/ul	3111510	Acenaphthene-d10	14.39

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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



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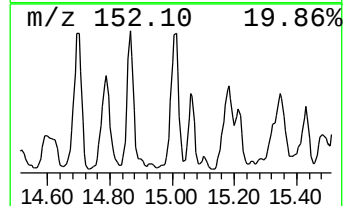
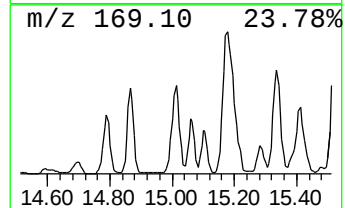
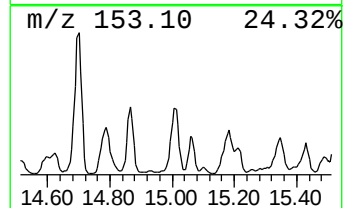
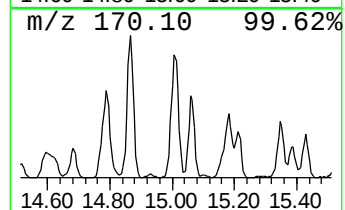
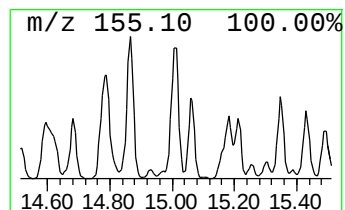
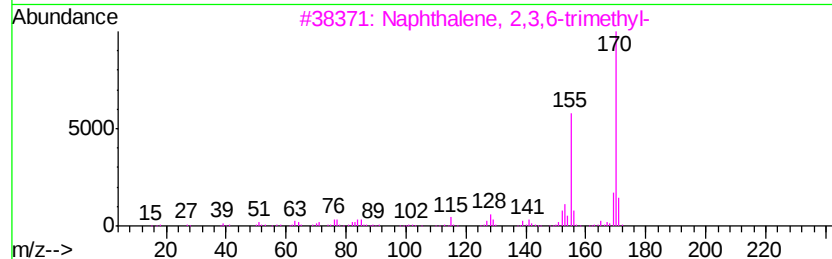
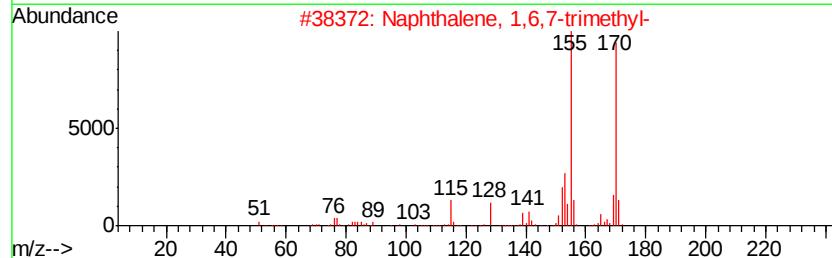
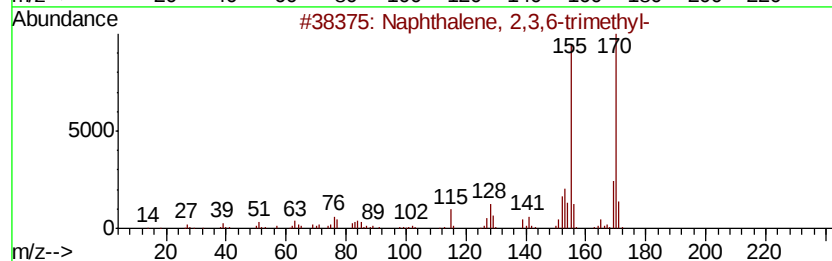
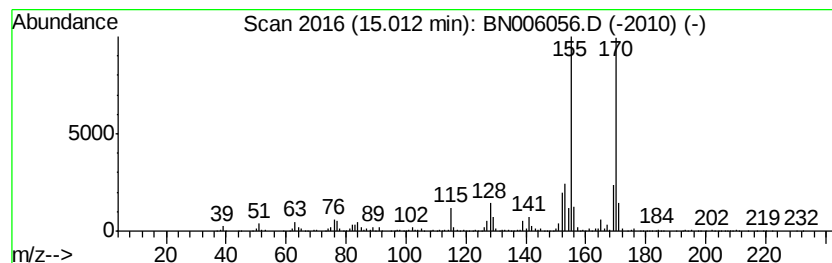
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	14.31 ng/ul	3838170	Acenaphthene-d10	14.39

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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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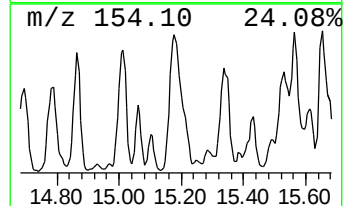
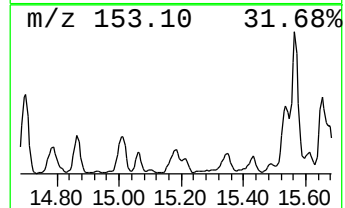
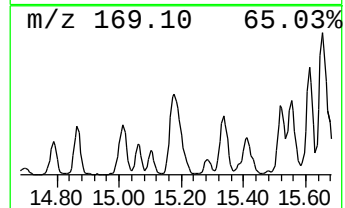
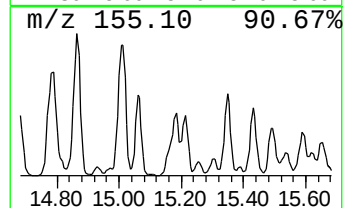
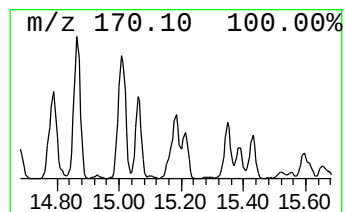
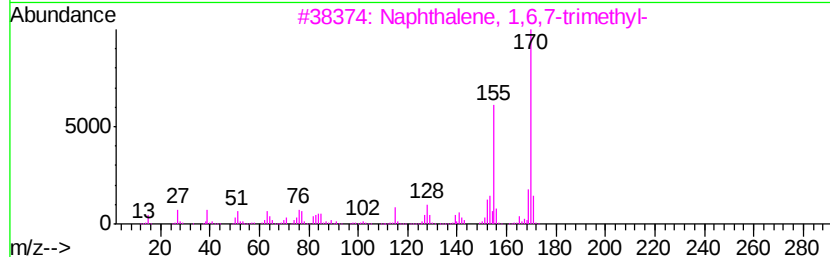
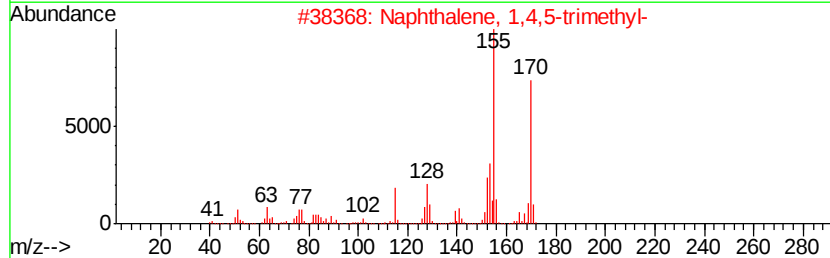
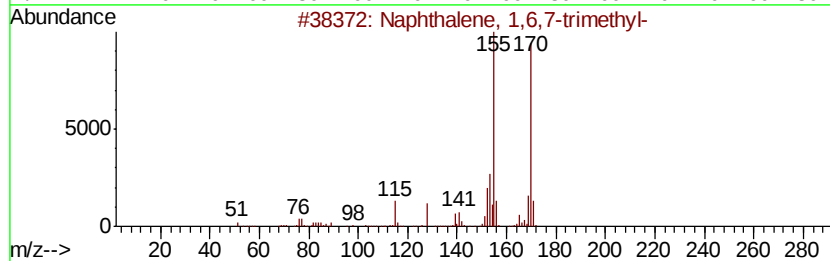
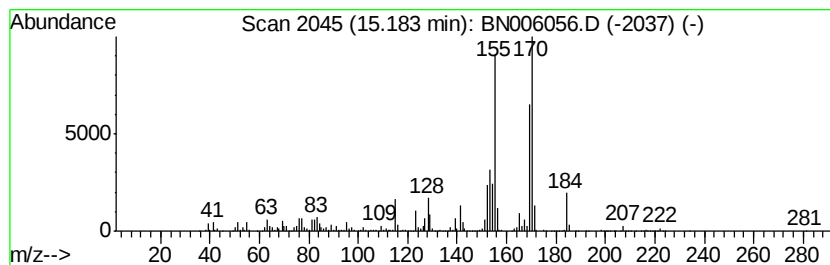
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,4,5-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	13.87 ng/ul	3720340	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81



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Data File : BN006056.D
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Operator : JU/SJ
Sample : K2928-15
Misc :
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Instrument :
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ClientSampleId :
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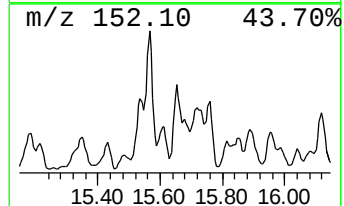
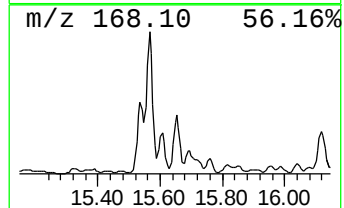
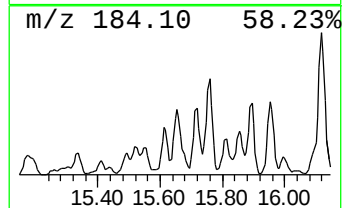
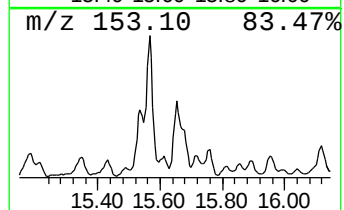
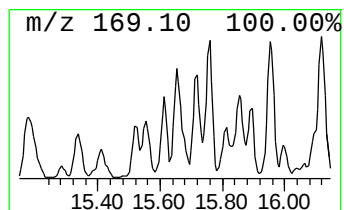
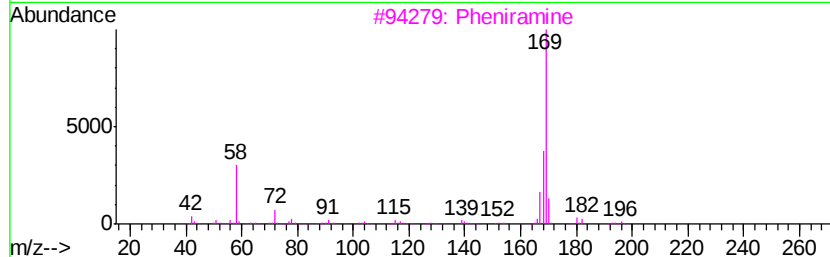
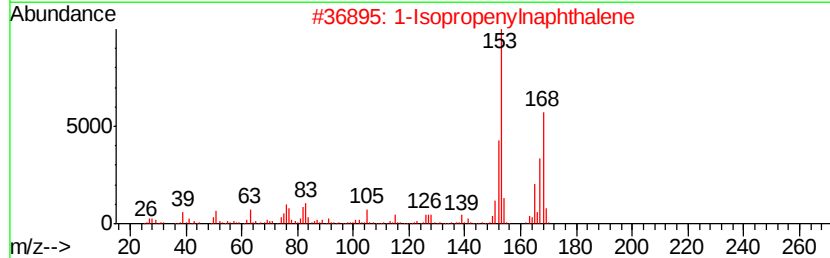
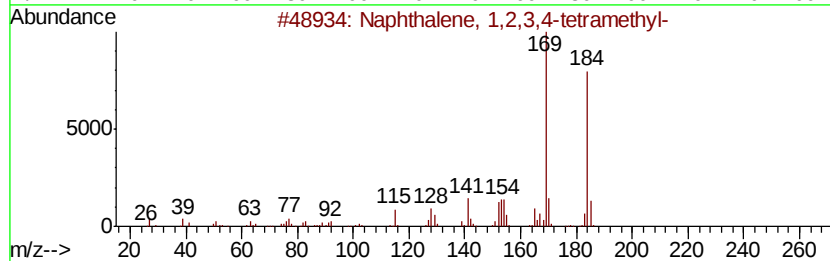
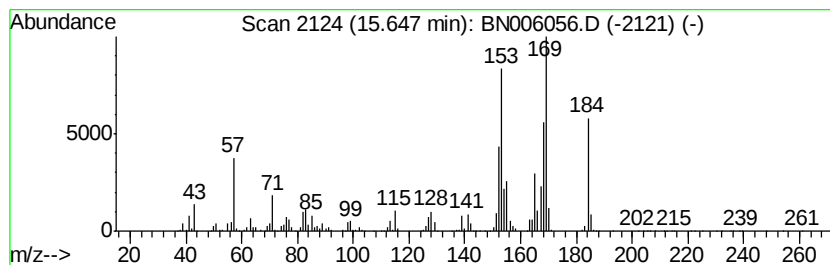
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	14.60 ng/ul	3917130	Acenaphthene-d10	14.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	38
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	35
3		Pheniramine	240	C16H20N2	000086-21-5	27
4		4-(4-Methylphenyl)pyridine	169	C12H11N	004423-10-3	25
5		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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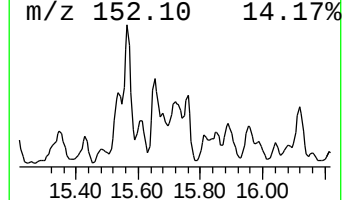
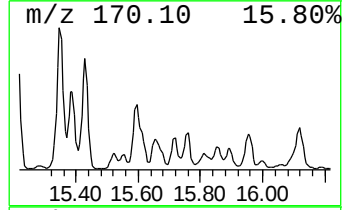
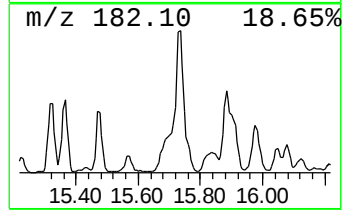
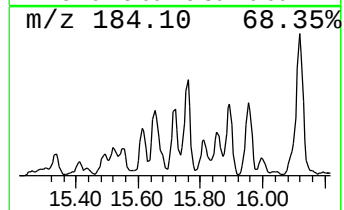
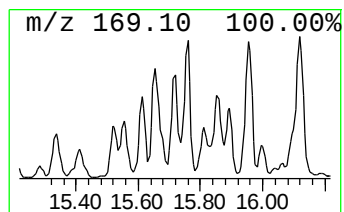
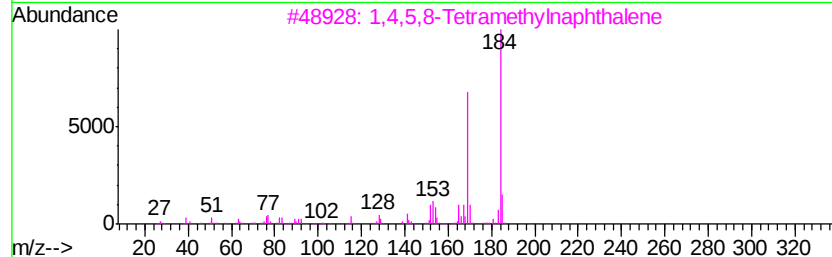
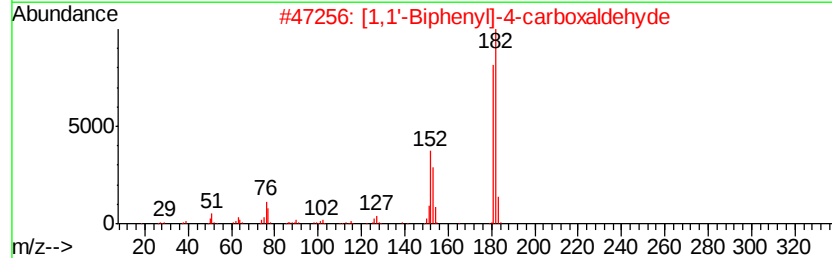
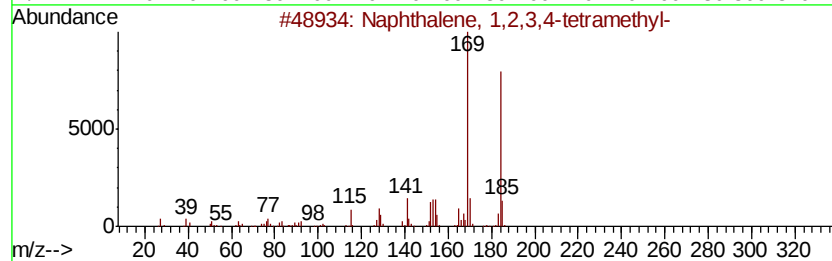
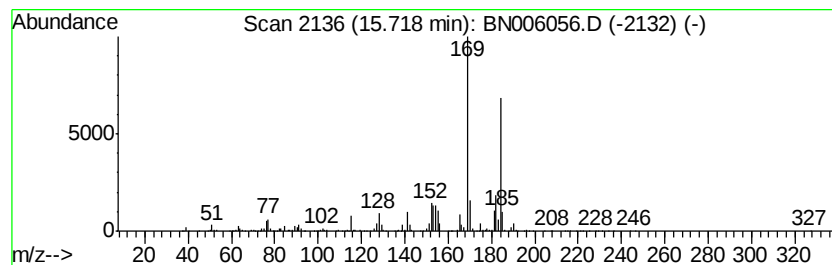
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	12.15 ng/ul	3259800	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
3		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	78
4		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	49
5		Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
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Operator : JU/SJ
Sample : K2928-15
Misc :
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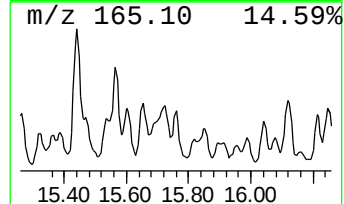
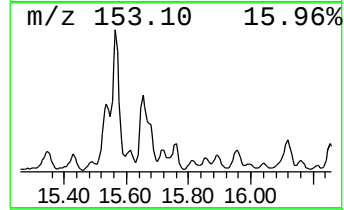
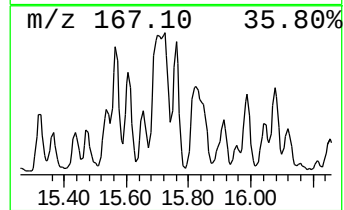
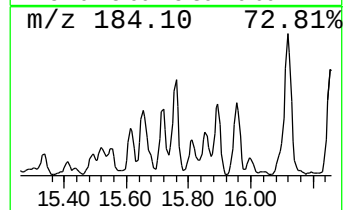
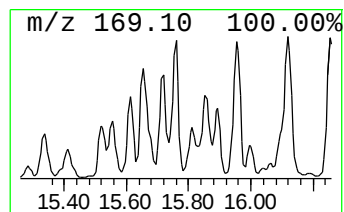
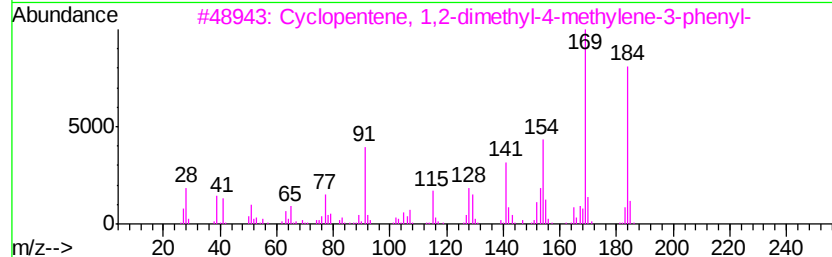
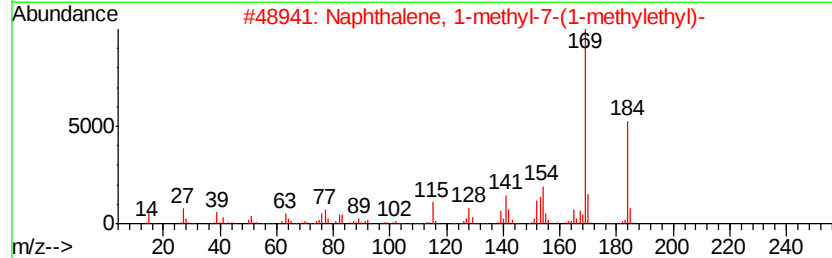
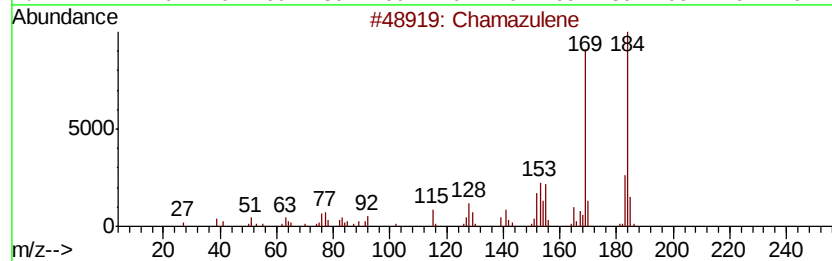
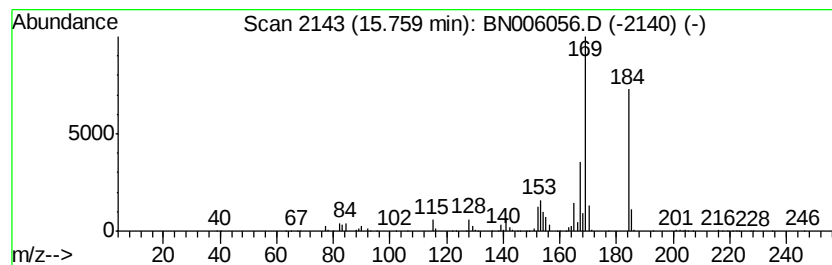
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Chamazulene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	9.89 ng/ul	2652200	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Chamazulene	184	C14H16	000529-05-5 93
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3 87
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4 83
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3 74
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
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Acq On : 04 Jun 2019 03:31
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Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

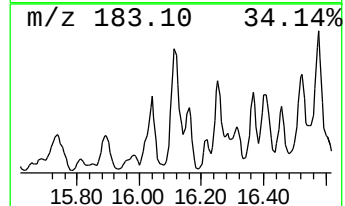
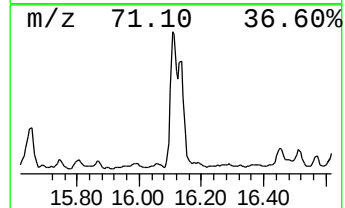
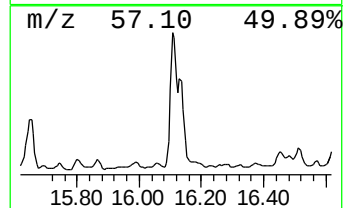
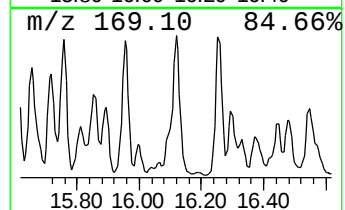
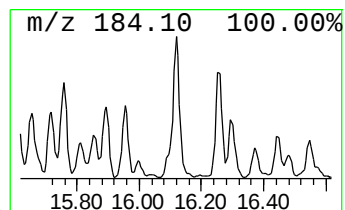
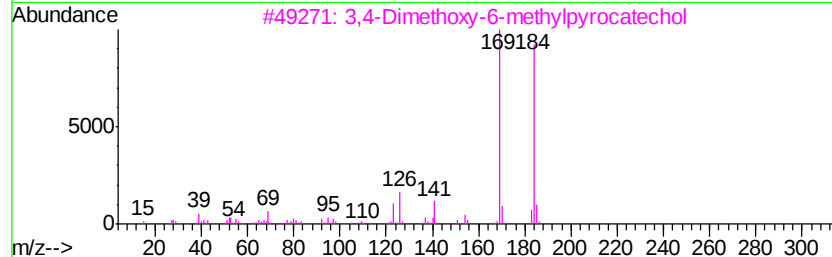
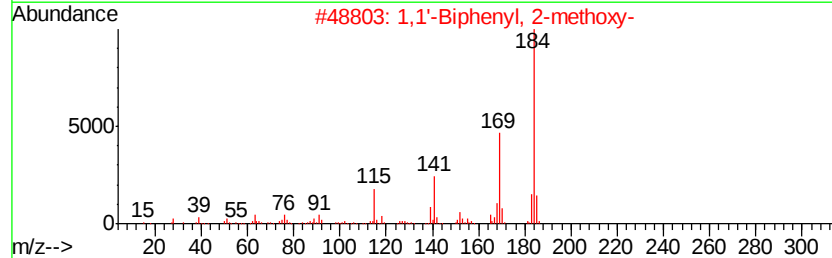
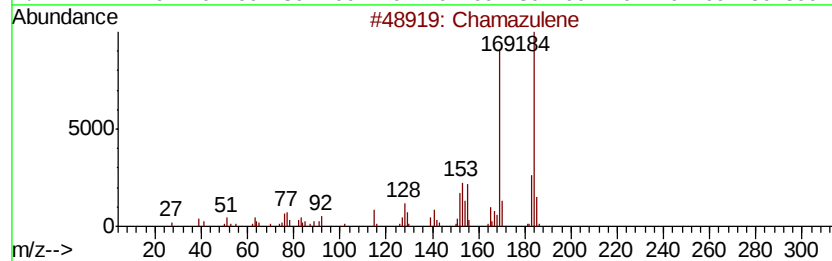
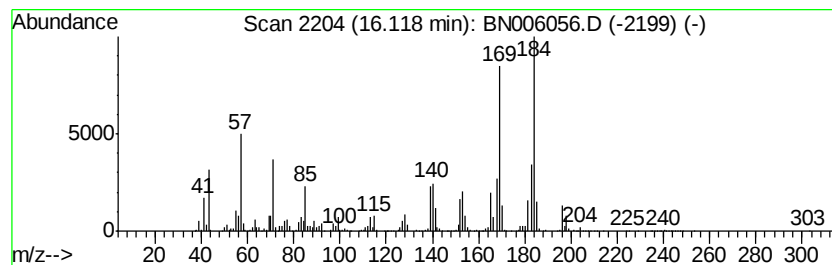
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2-methoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.12	31.79 ng/ul	6745990	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Chamazulene	184	C14H16	000529-05-5	86
2		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	76
3		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	60
4		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	58
5		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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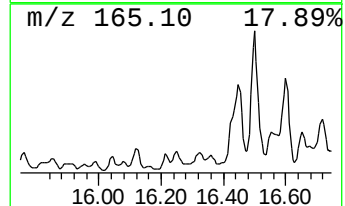
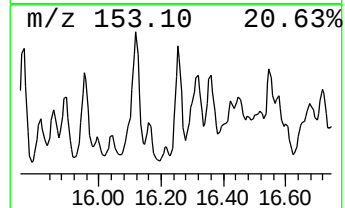
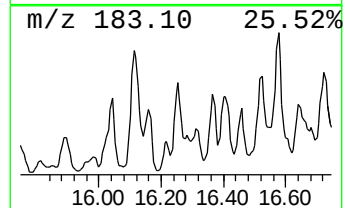
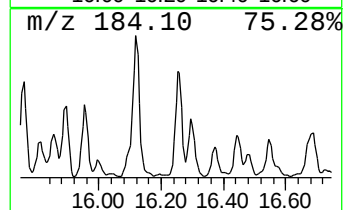
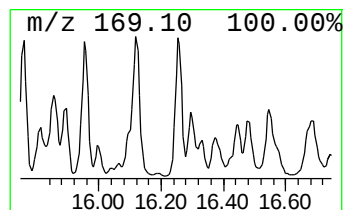
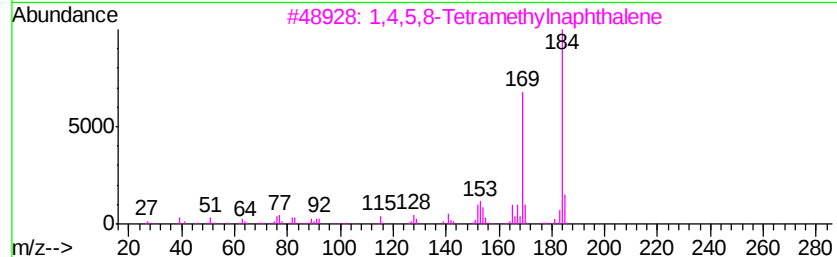
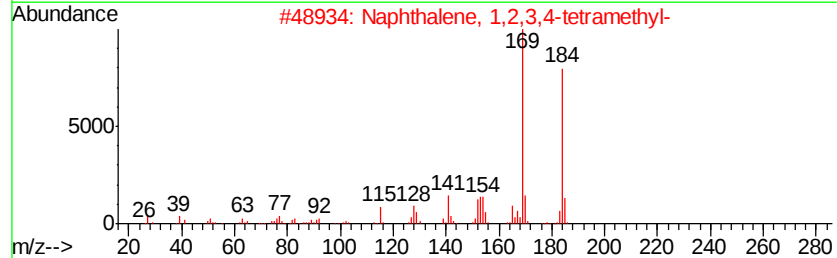
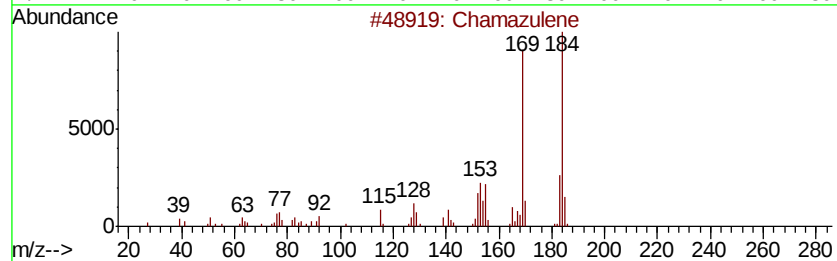
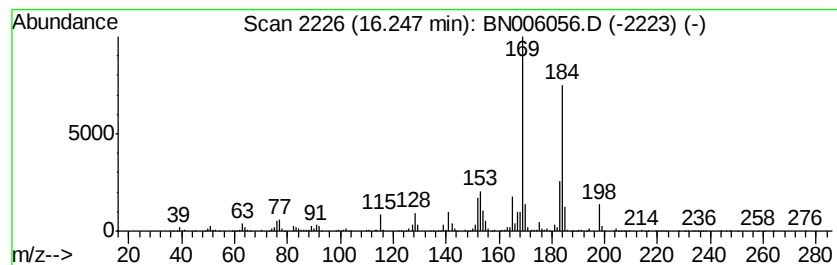
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,4,5,8-Tetramethylnaphthalene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	11.96 ng/ul	2538750	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chamazulene	184	C14H16	000529-05-5	95
2		Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
3		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87
5		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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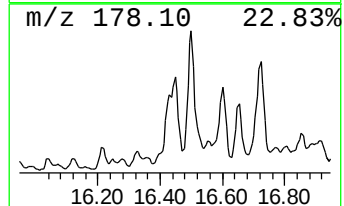
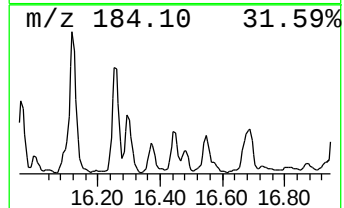
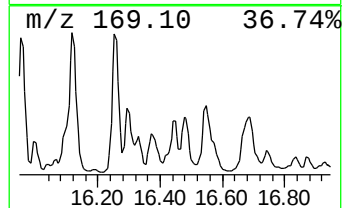
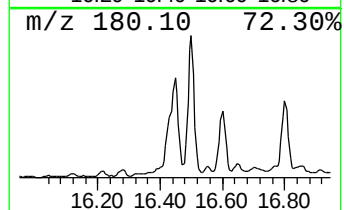
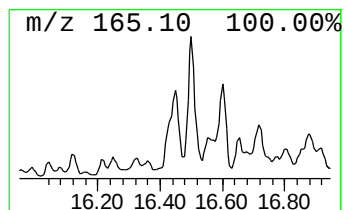
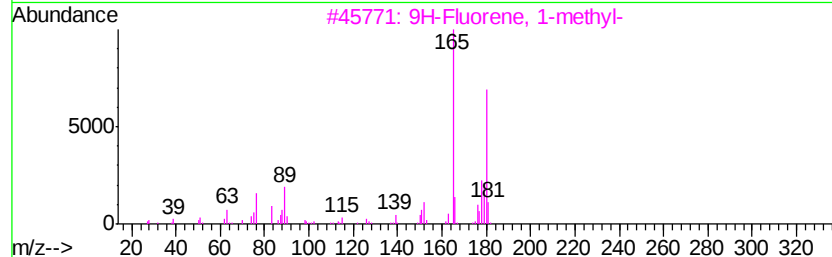
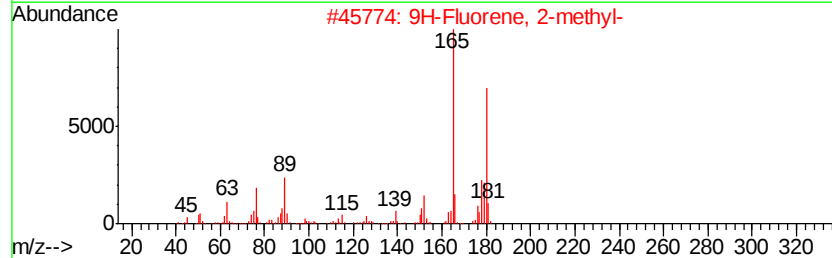
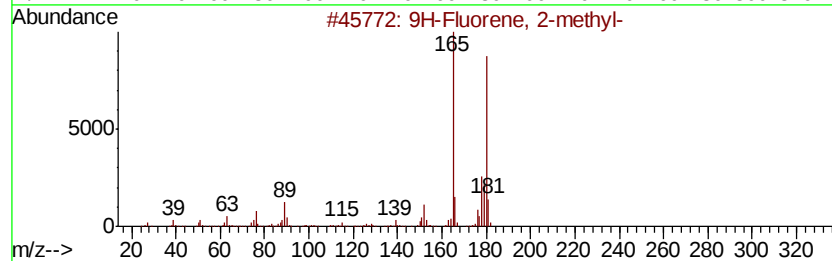
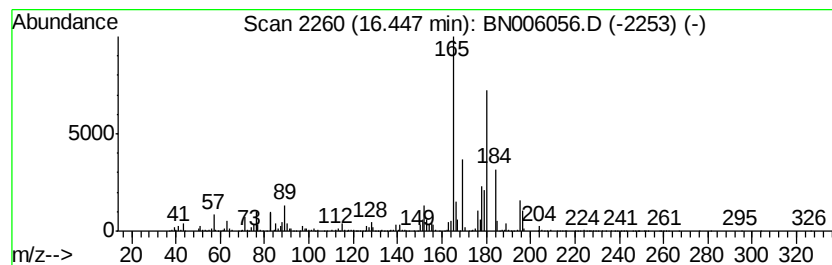
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	20.88 ng/ul	4431410	Phenanthrene-d10	17.15

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	90
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C9

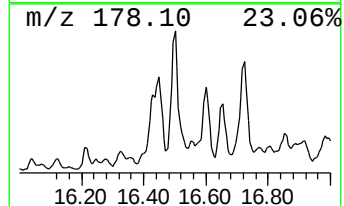
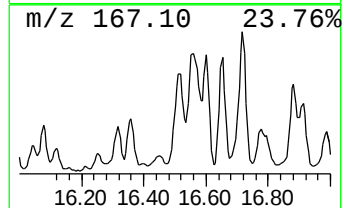
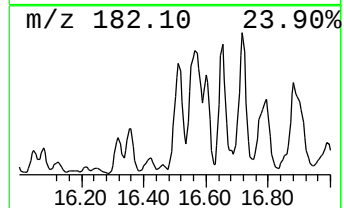
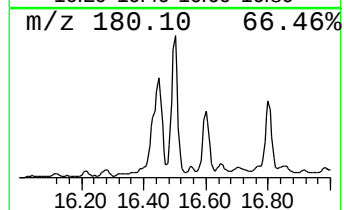
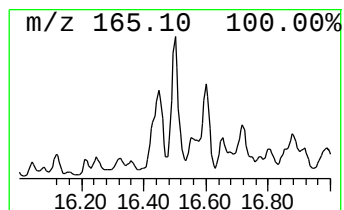
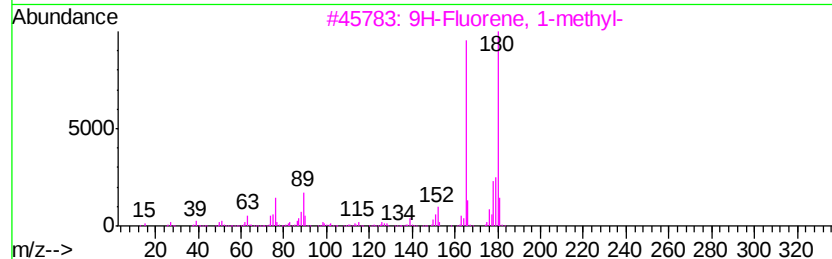
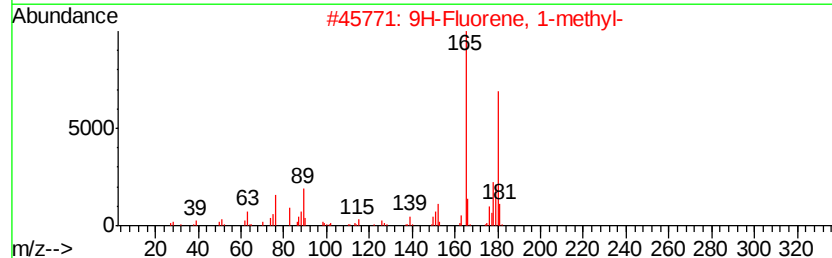
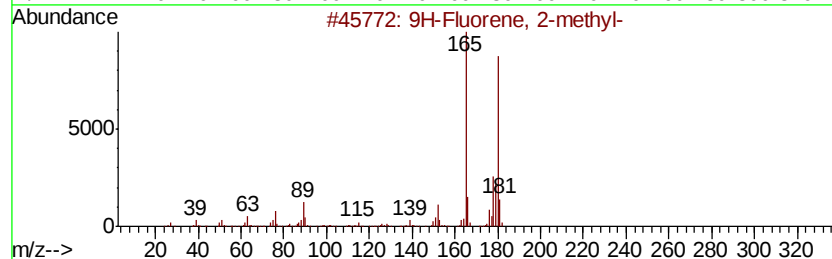
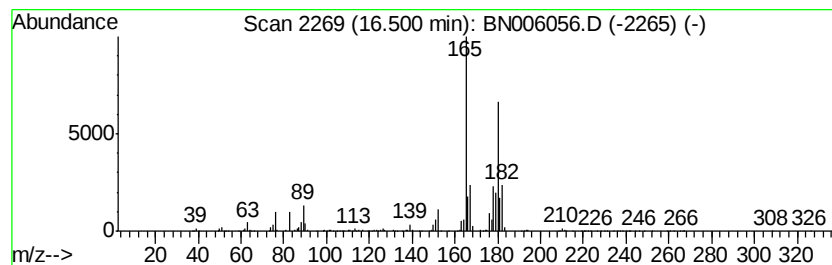
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	18.06 ng/ul	3831220	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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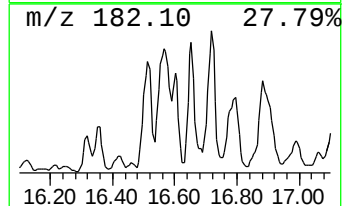
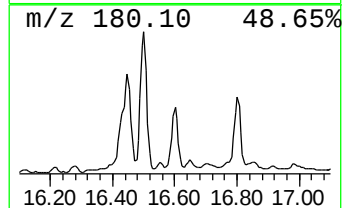
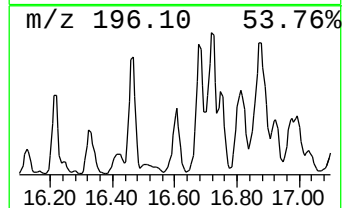
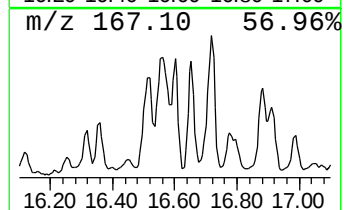
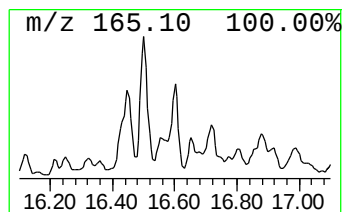
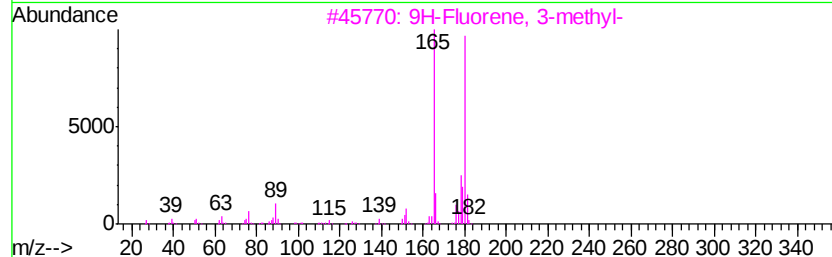
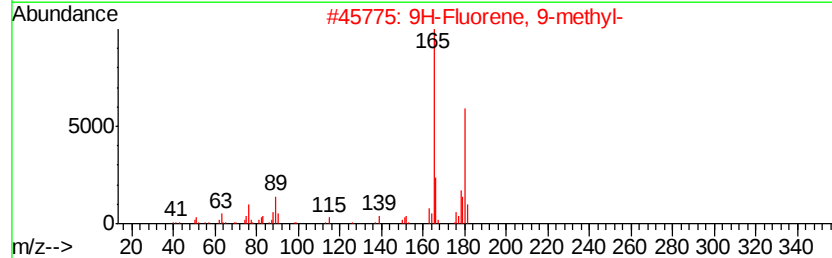
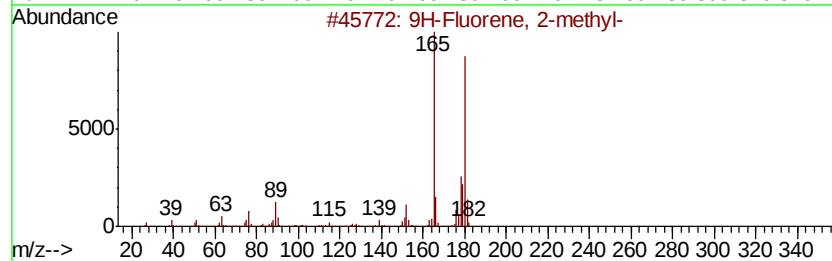
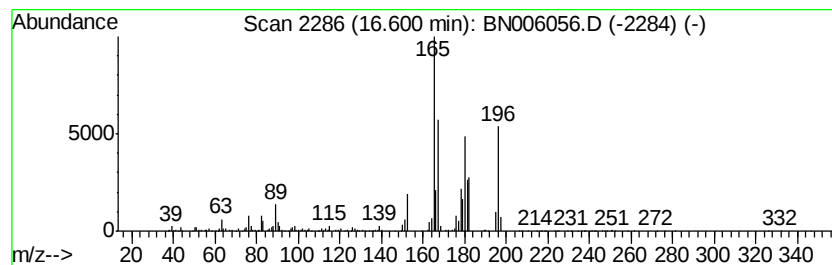
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9H-Fluorene, 9-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	13.45 ng/ul	2854000	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	43
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41
5		Silane, trimethyl(4-methylphenoxy)-	180	C10H16OSi	017902-32-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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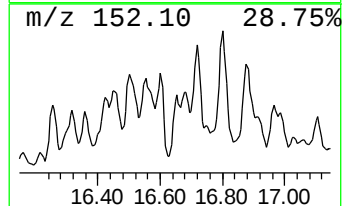
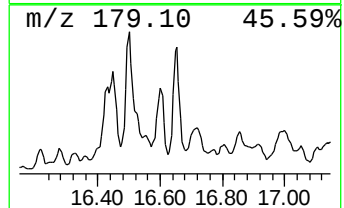
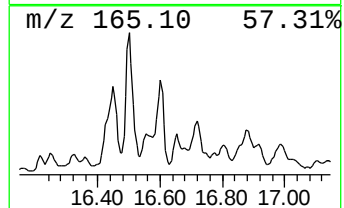
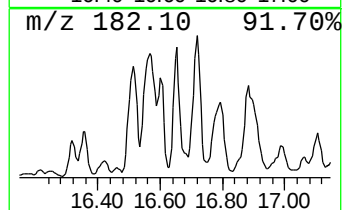
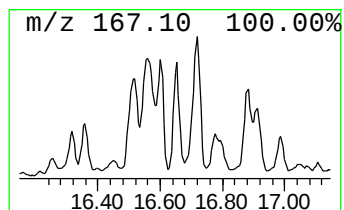
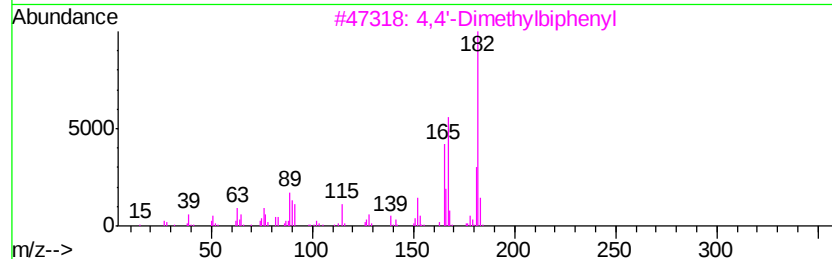
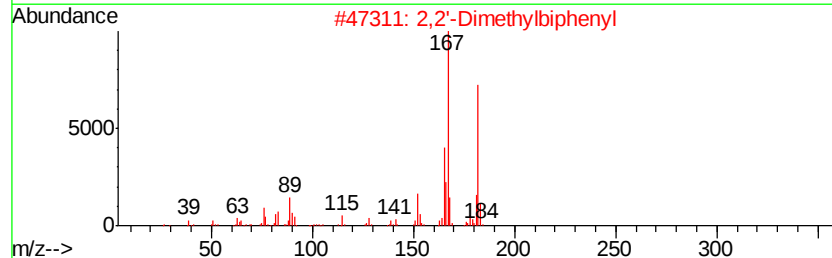
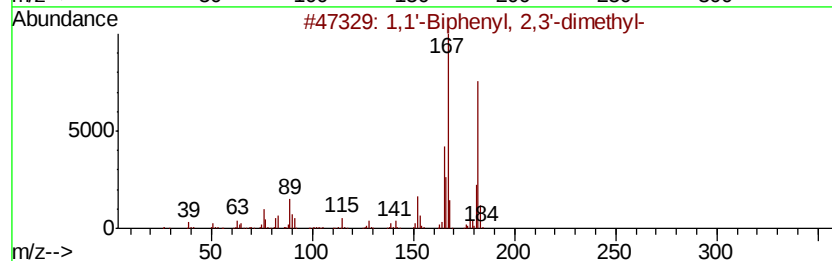
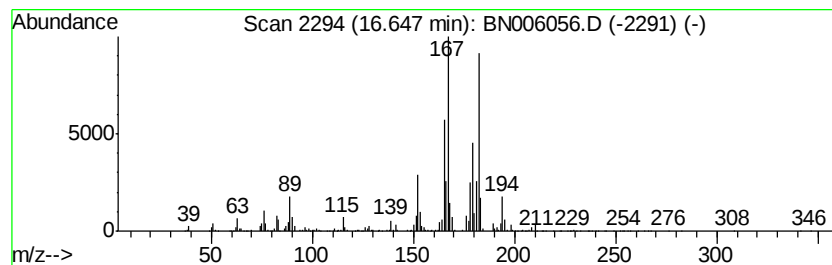
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	12.19 ng/ul	2585660	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	95
2		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	91
3		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
5		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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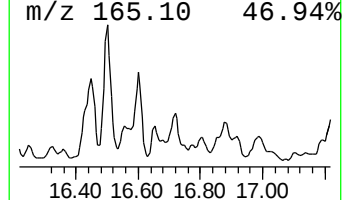
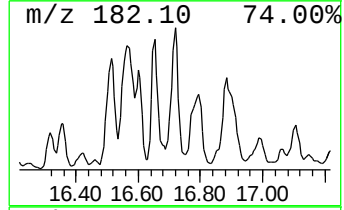
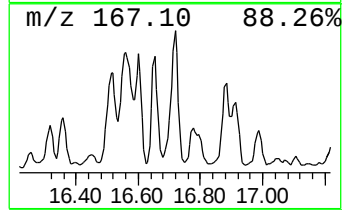
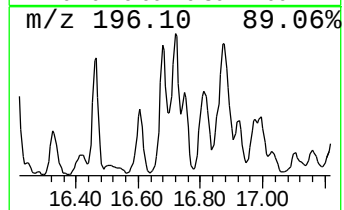
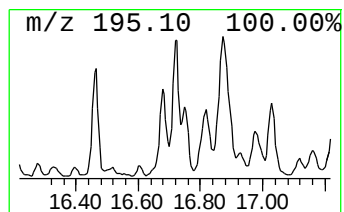
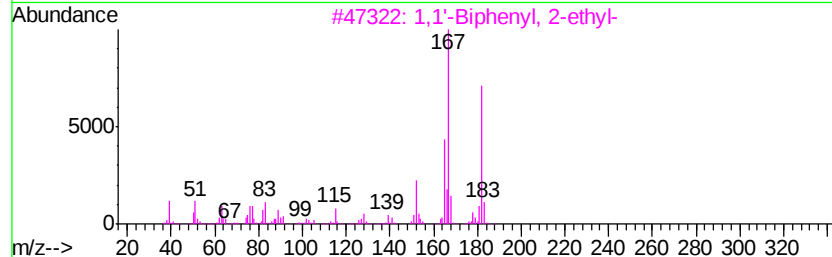
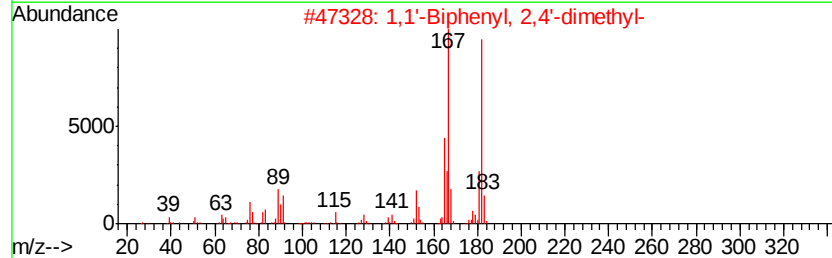
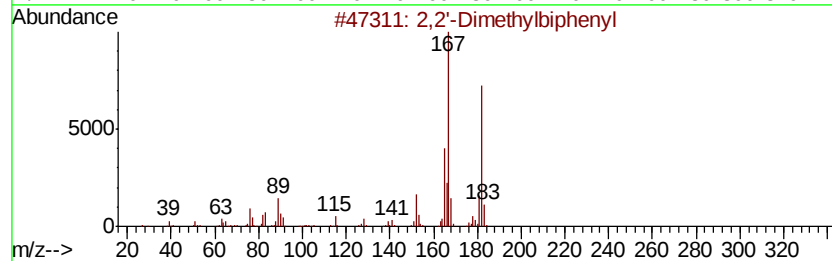
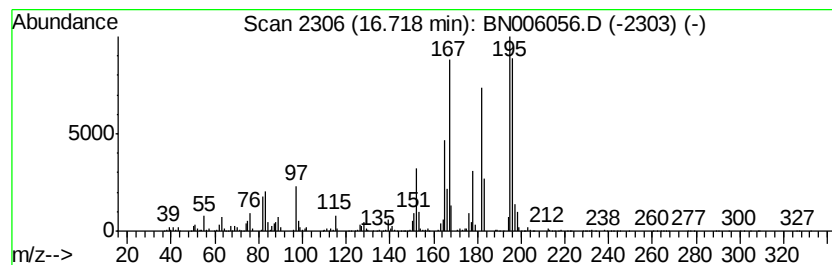
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2,2'-Dimethylbiphenyl Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	13.76 ng/ul	2919540	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	50
2		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	50
3		1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	50
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
5		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

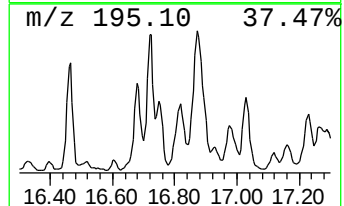
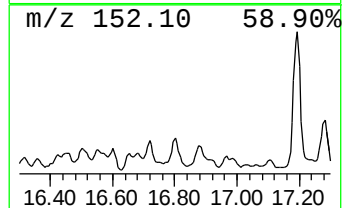
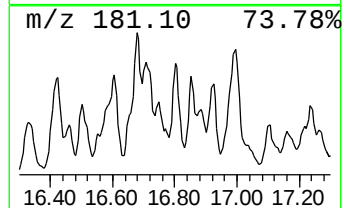
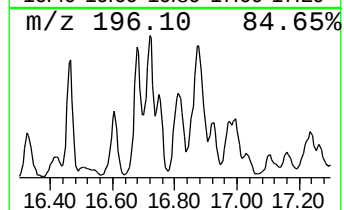
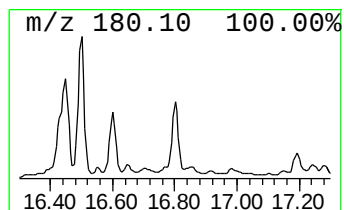
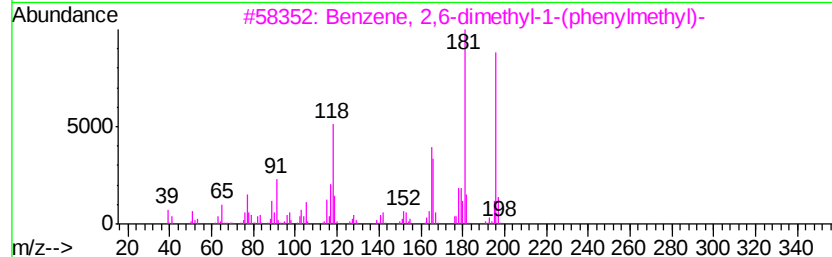
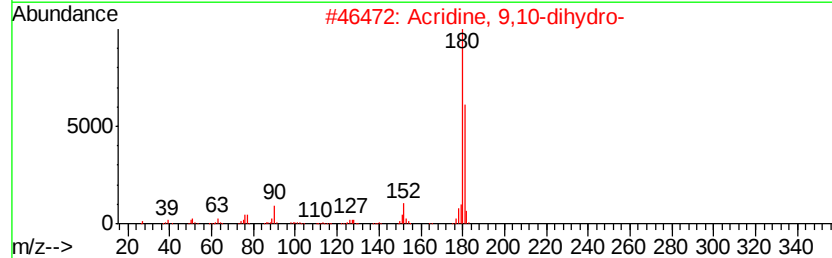
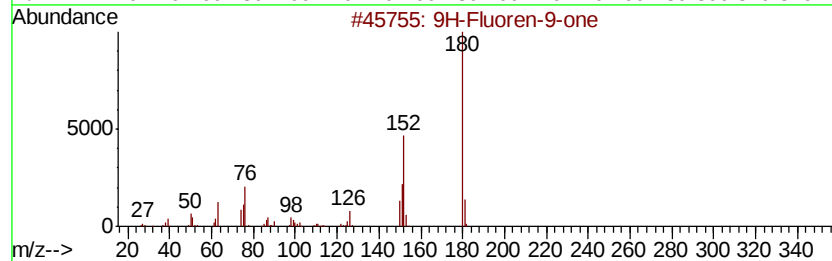
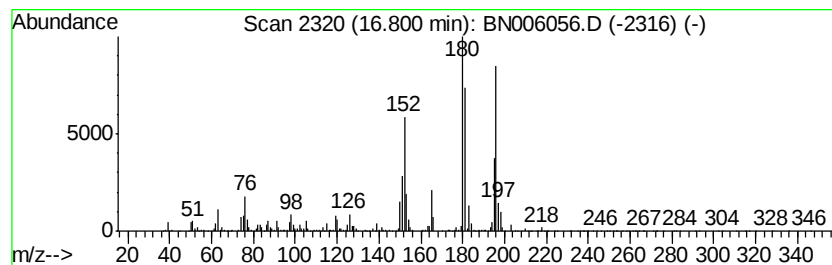
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	11.63 ng/ul	2466950	Phenanthrene-d10	17.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-one		180 C13H8O	000486-25-9 81
2	Acridine, 9,10-dihydro-		181 C13H11N	000092-81-9 49
3	Benzene, 2,6-dimethyl-1-(phenylm...		196 C15H16	028122-29-4 43
4	Benzo[cl]cinnoline		180 C12H8N2	000230-17-1 42
5	9H-Fluoren-9-one		180 C13H8O	000486-25-9 42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
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Instrument :
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ClientSampleId :
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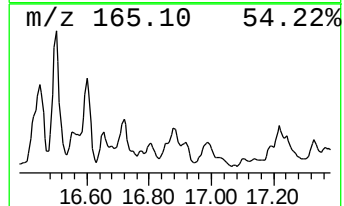
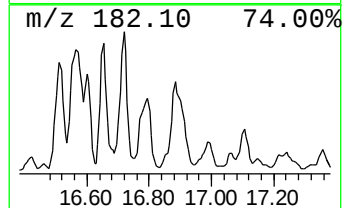
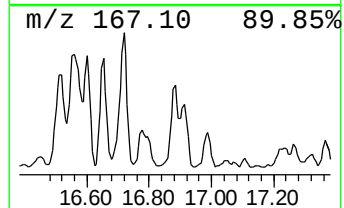
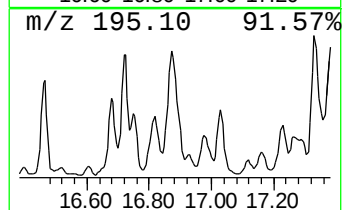
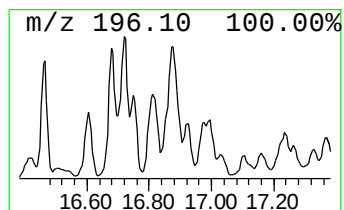
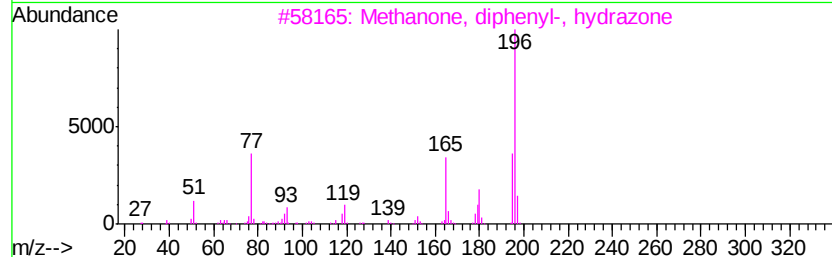
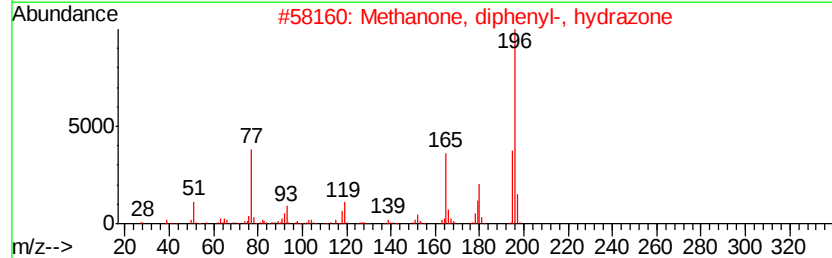
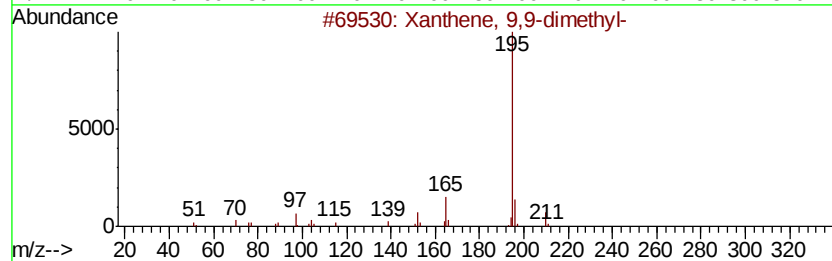
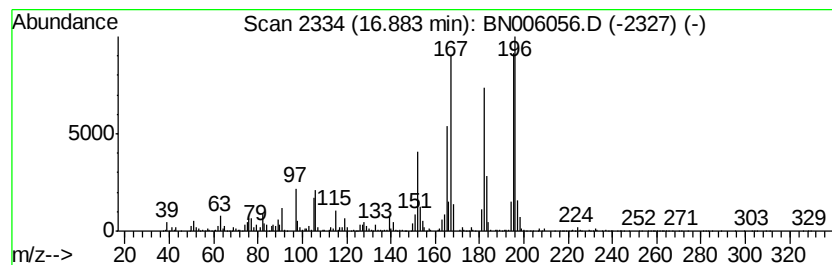
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	15.67 ng/ul	3325220	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Xanthene, 9,9-dimethyl-	210	C15H14O	019814-75-6	27
2		Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	22
3		Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	22
4		Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	22
5		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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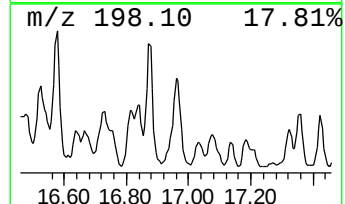
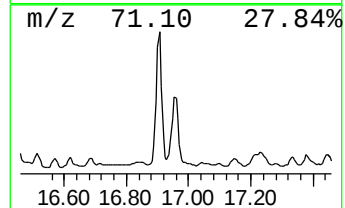
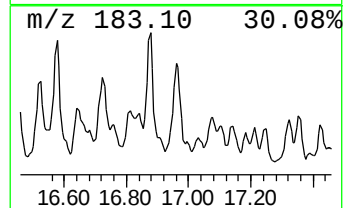
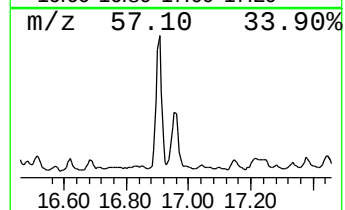
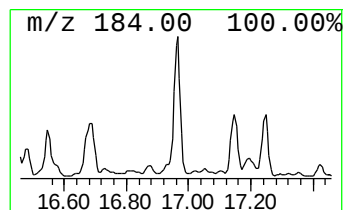
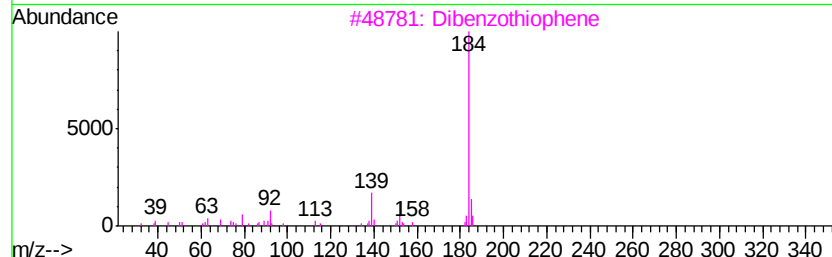
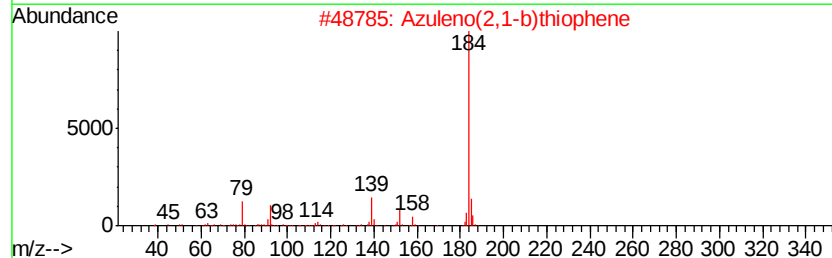
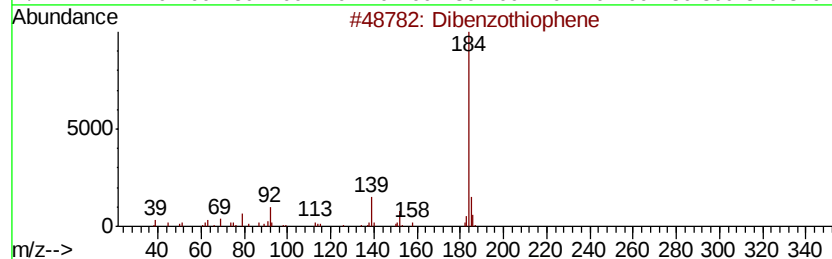
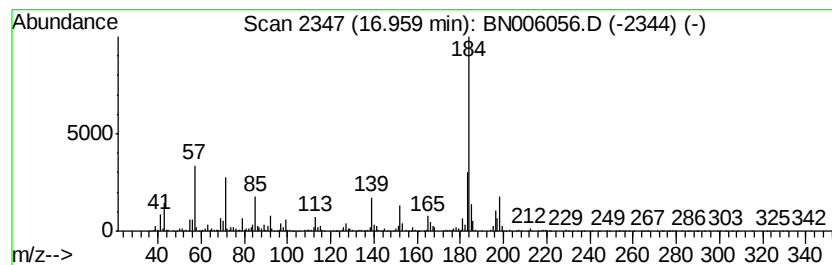
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Dibenzothiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	17.34 ng/ul	3679590	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	92
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
3		Dibenzothiophene	184	C12H8S	000132-65-0	64
4		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
5		Dibenzothiophene	184	C12H8S	000132-65-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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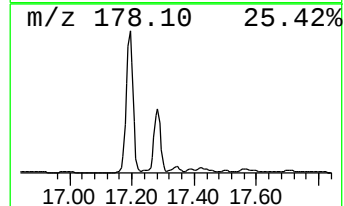
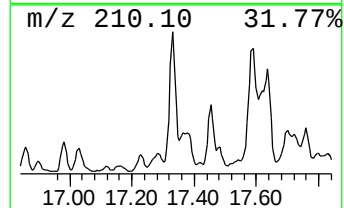
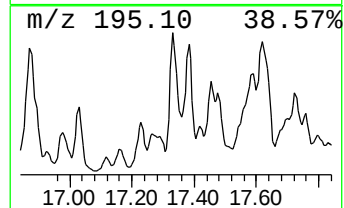
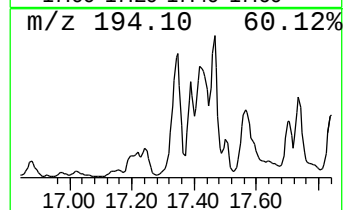
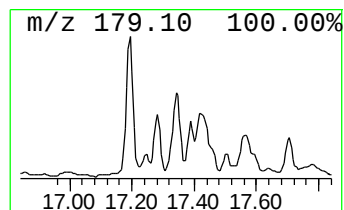
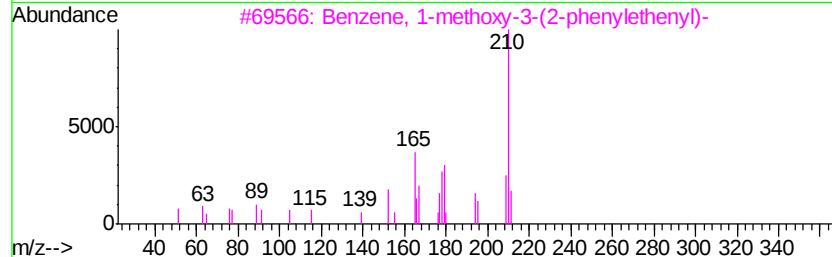
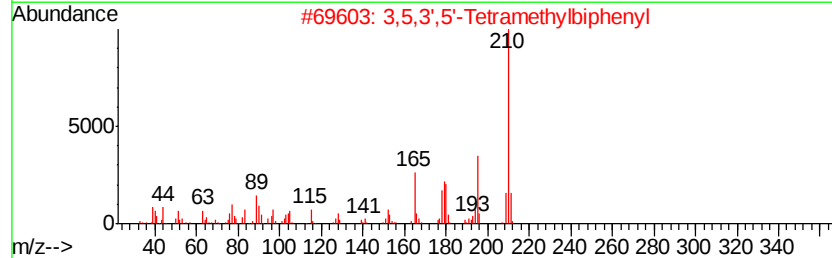
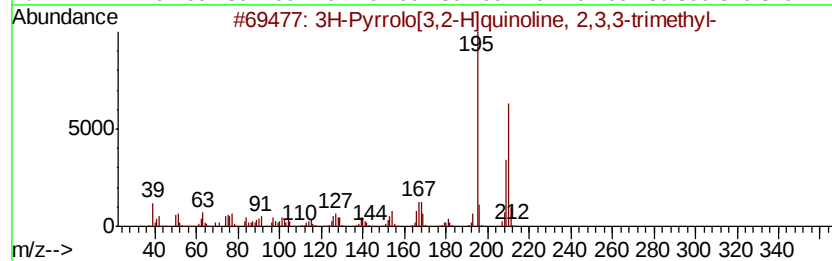
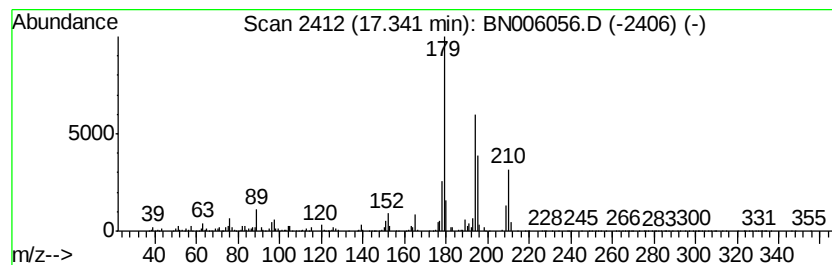
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 3H-Pyrrolo[3,2-H]quinoline,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	27.80 ng/ul	5897910	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	50
2		3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	43
3		Benzene, 1-methoxy-3-(2-phenylethyl)-	210	C15H14O	015638-11-6	41
4		Phenanthridine, 5-oxide	195	C13H9NO	014548-01-7	38
5		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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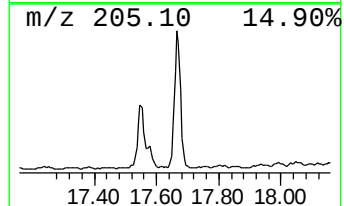
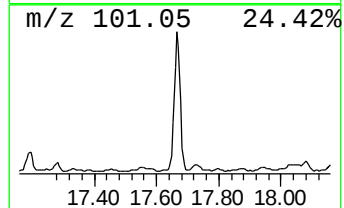
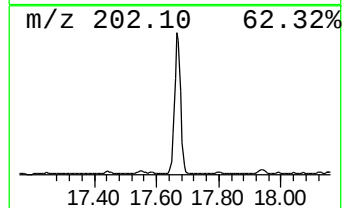
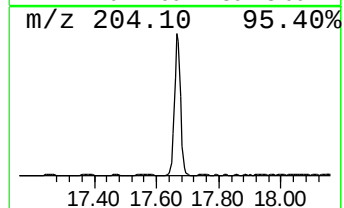
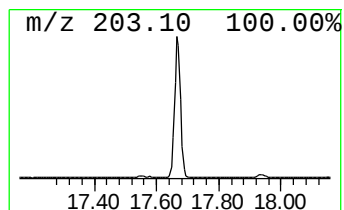
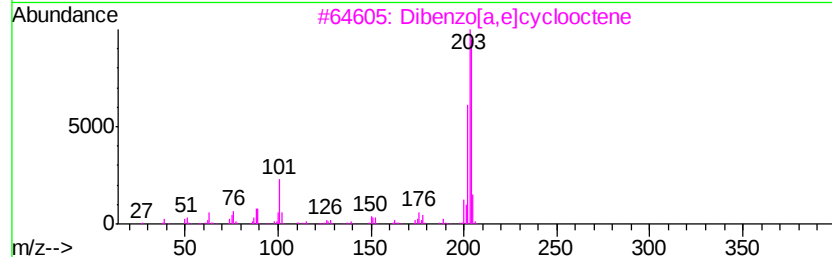
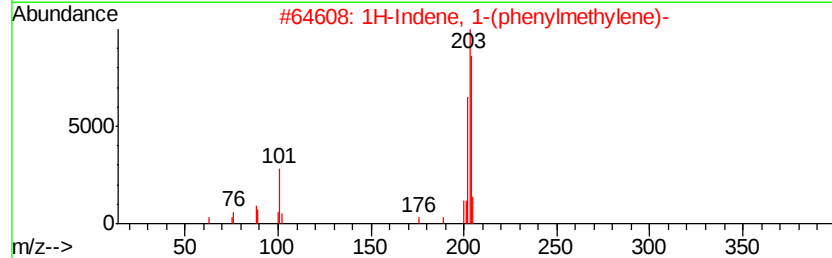
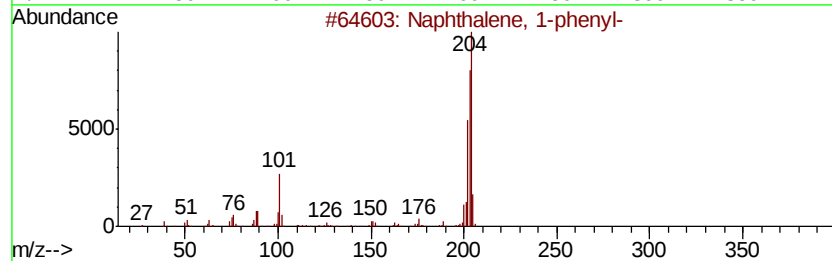
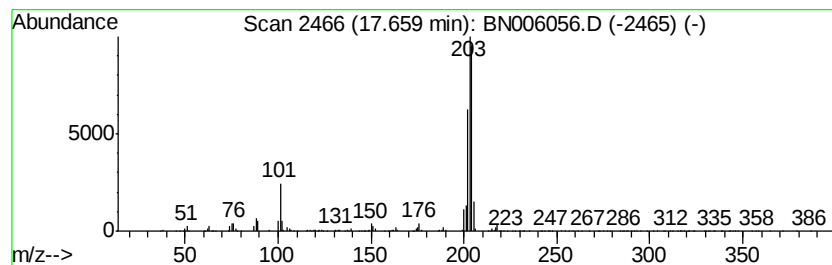
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1-phenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	12.47 ng/ul	2645730	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
2		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	89
3		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	81
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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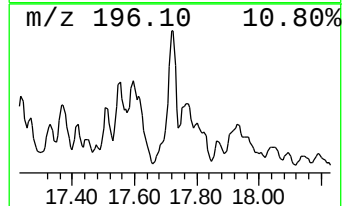
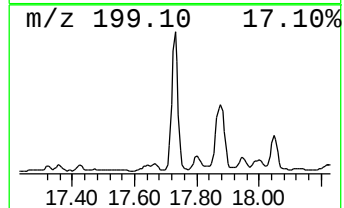
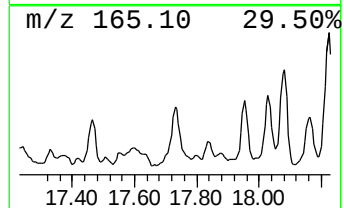
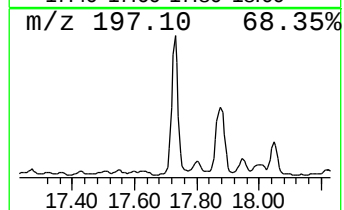
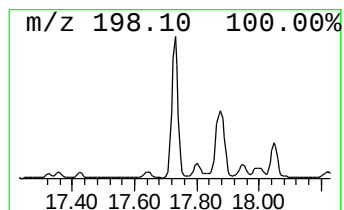
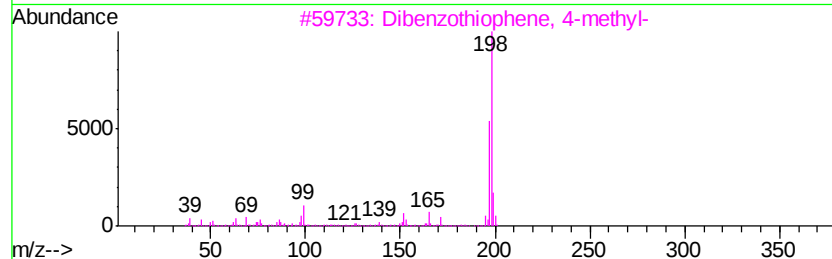
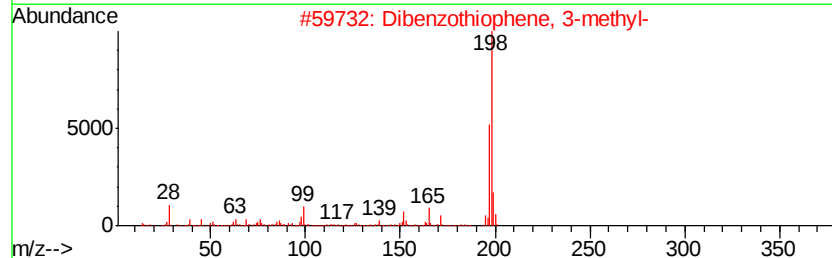
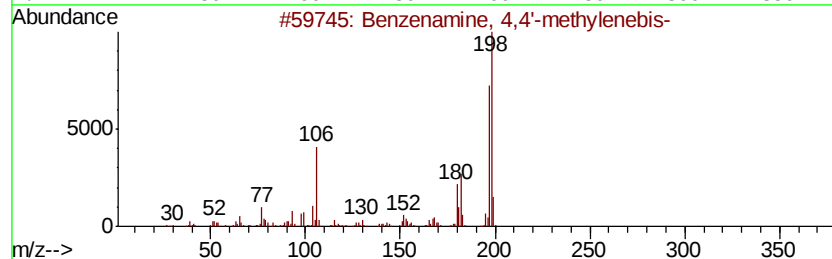
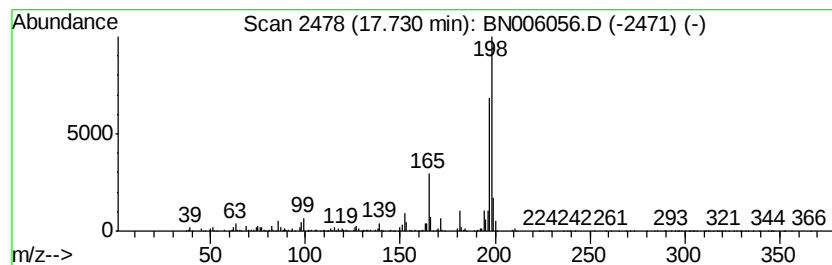
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzenamine, 4,4'-methylene... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	36.46 ng/ul	7736380	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
4		Thioxanthene	198	C13H10S	000261-31-4	58
5		Indeno[1,2-b]pyridin-5-ol, 7-amino-	198	C12H10N2O	339336-23-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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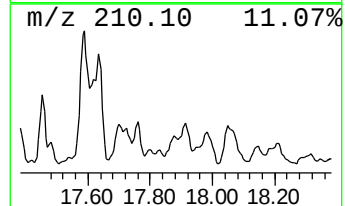
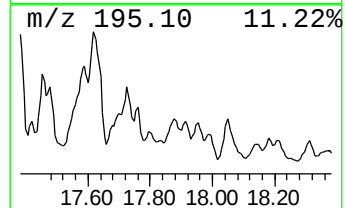
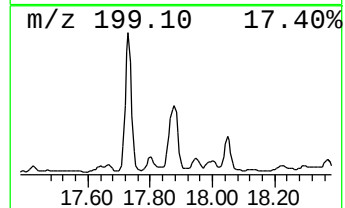
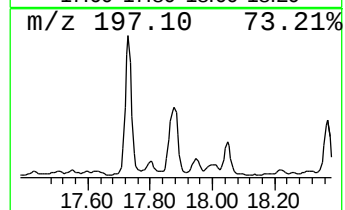
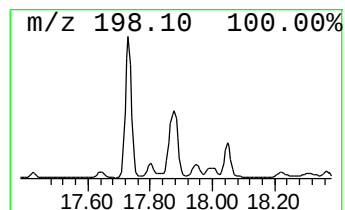
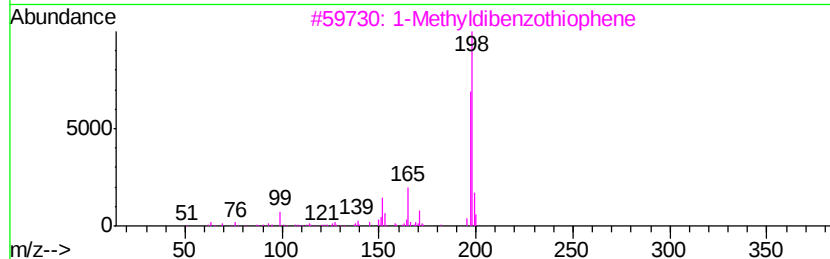
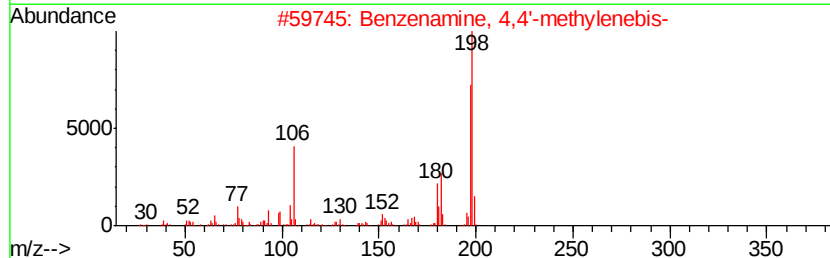
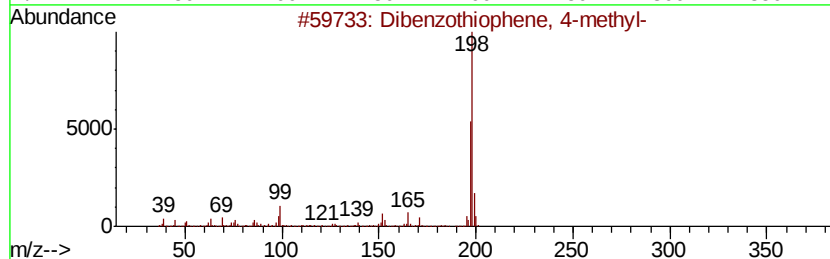
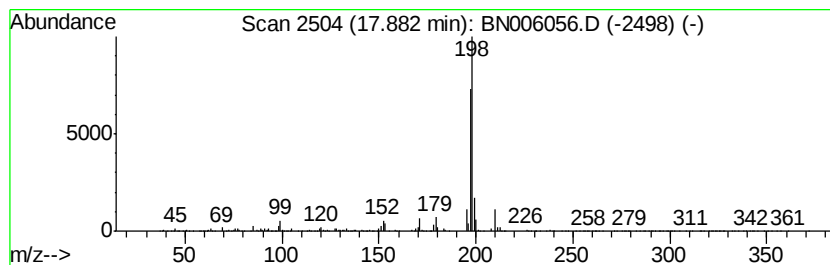
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Dibenzothiophene, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	10.83 ng/ul	2298380	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87
3		1-Methylidibenzothiophene	198	C13H10S	031317-07-4	81
4		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	81
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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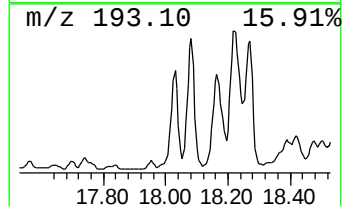
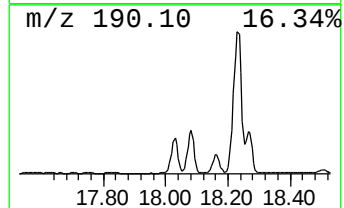
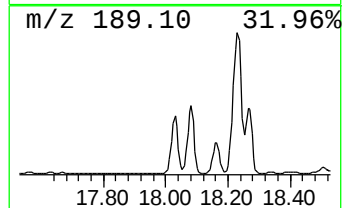
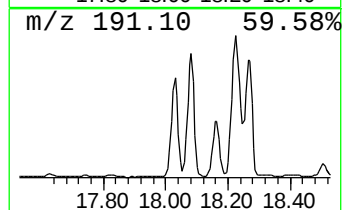
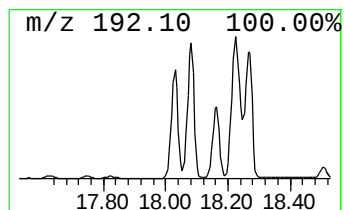
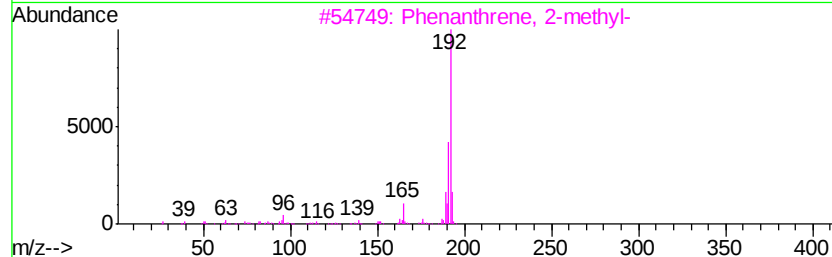
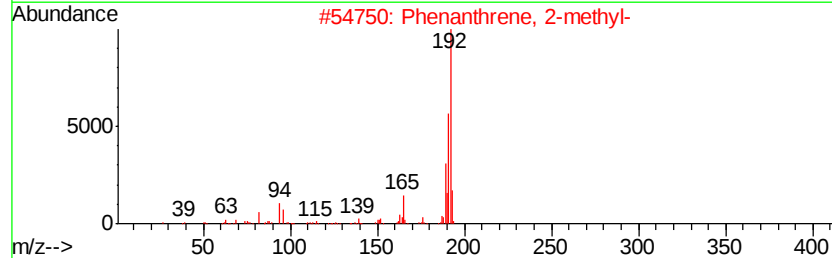
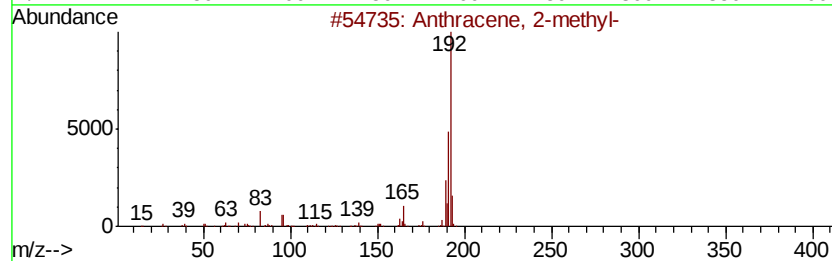
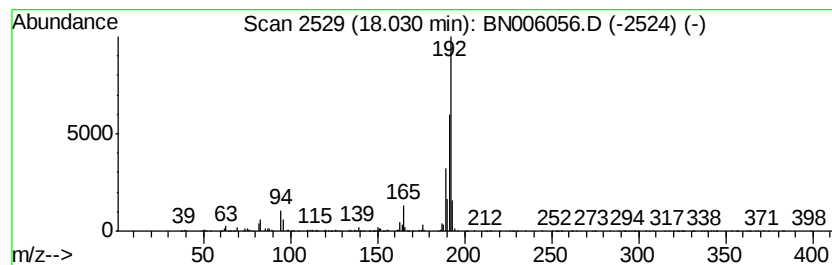
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	68.24 ng/ul	14479900	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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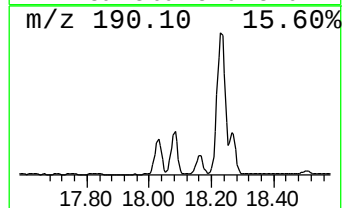
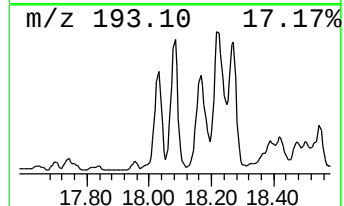
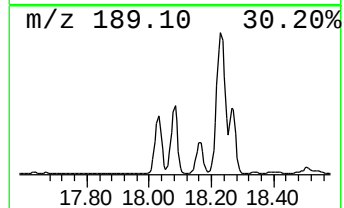
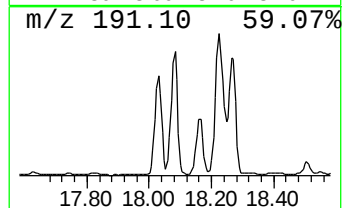
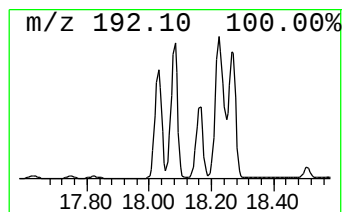
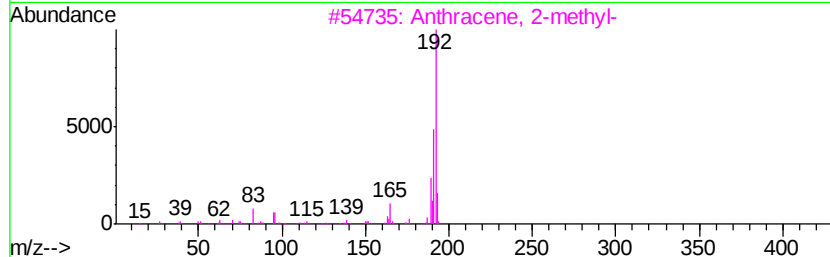
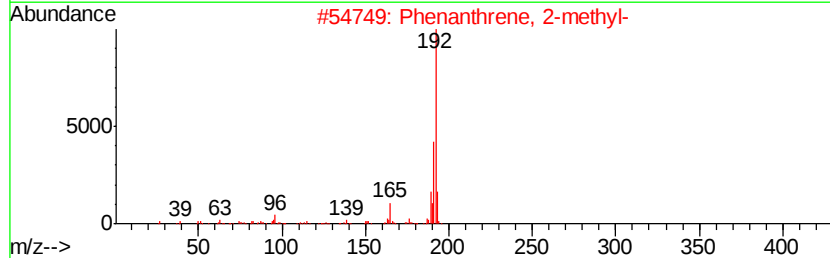
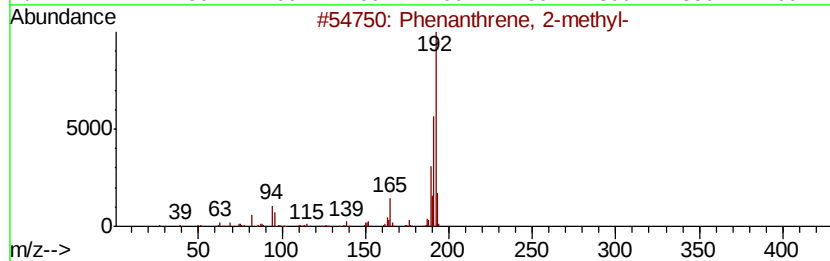
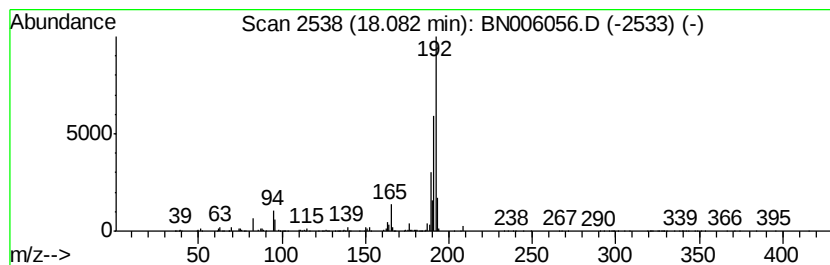
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	92.04 ng/ul	19530400	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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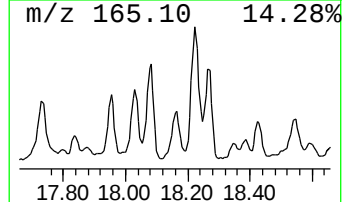
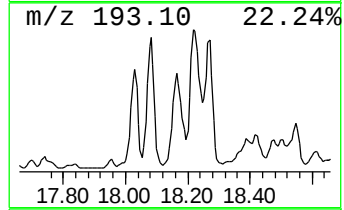
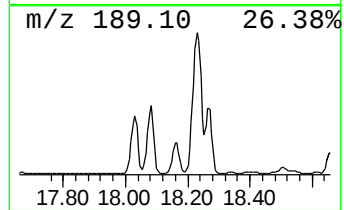
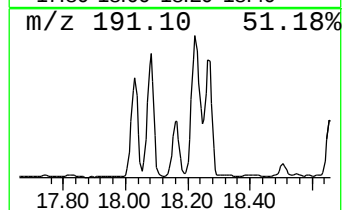
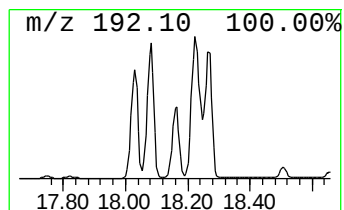
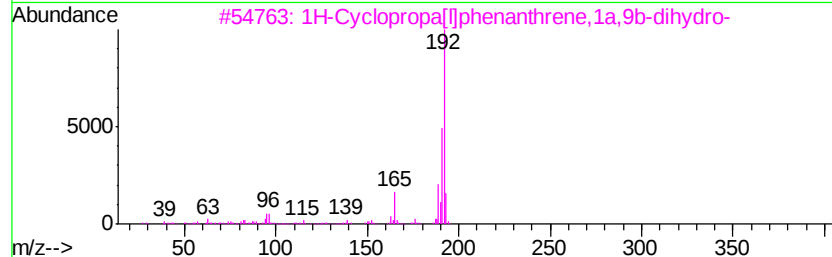
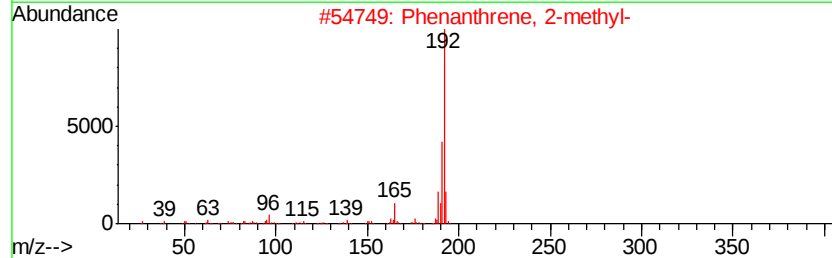
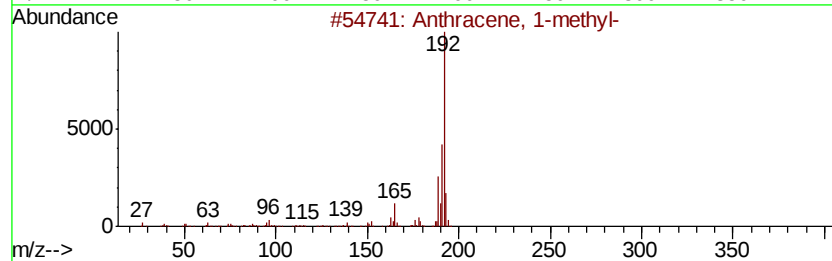
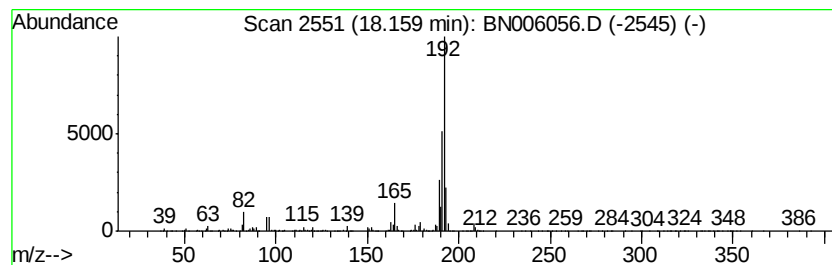
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	57.21 ng/ul	12139800	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
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Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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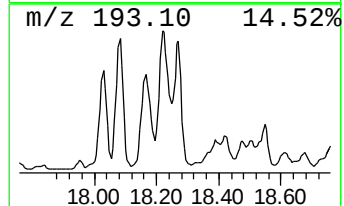
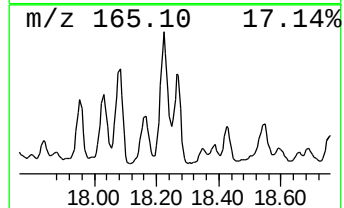
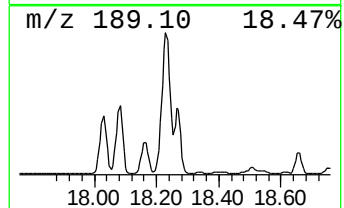
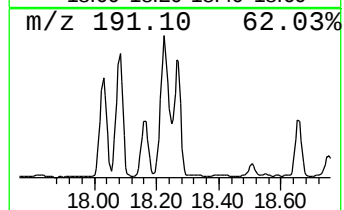
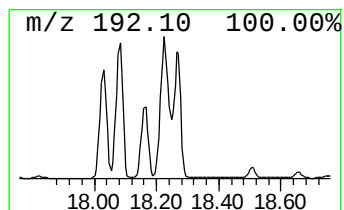
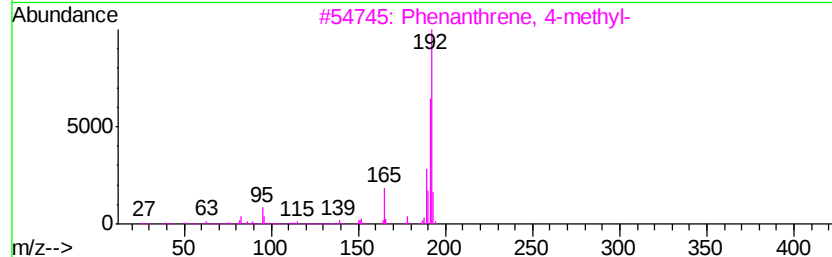
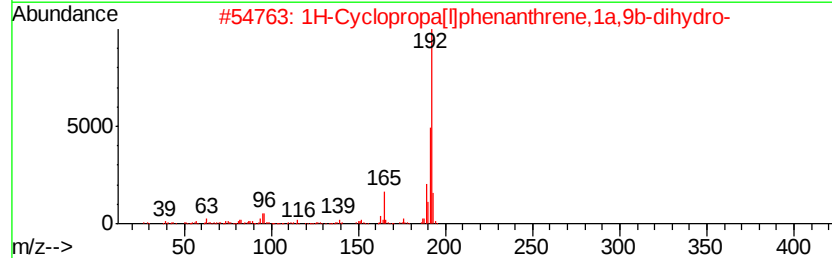
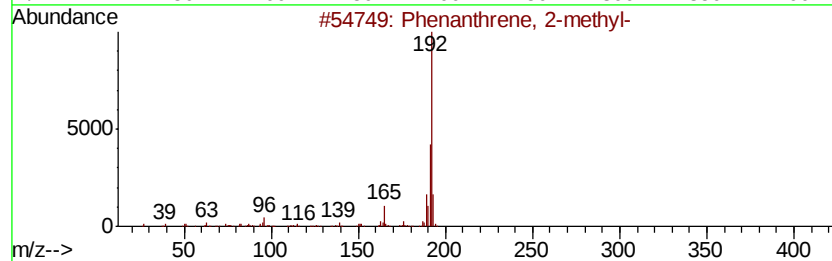
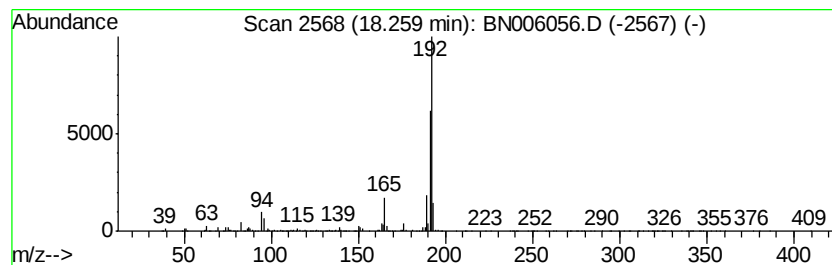
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	64.72 ng/ul	13732800	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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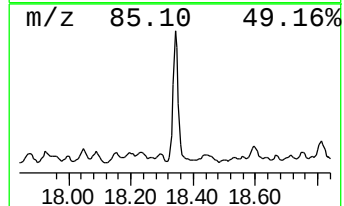
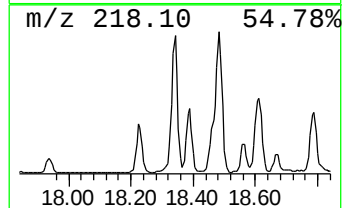
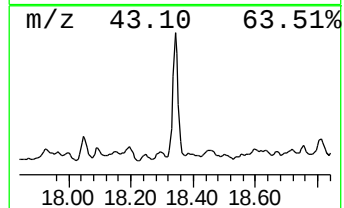
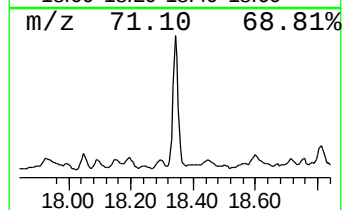
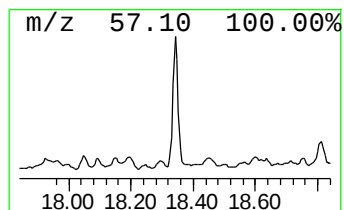
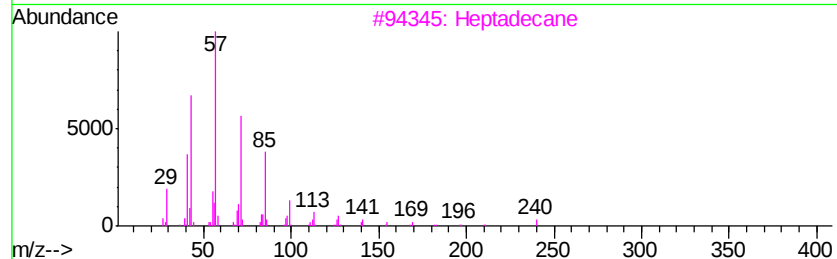
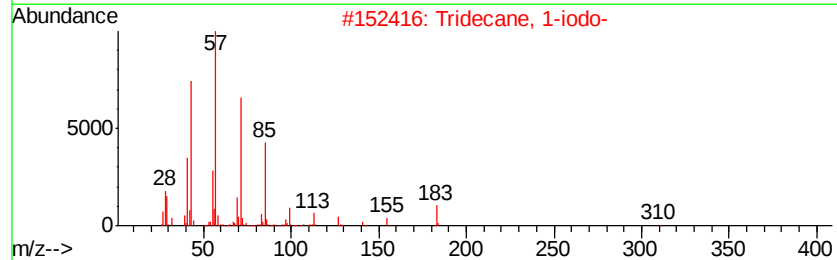
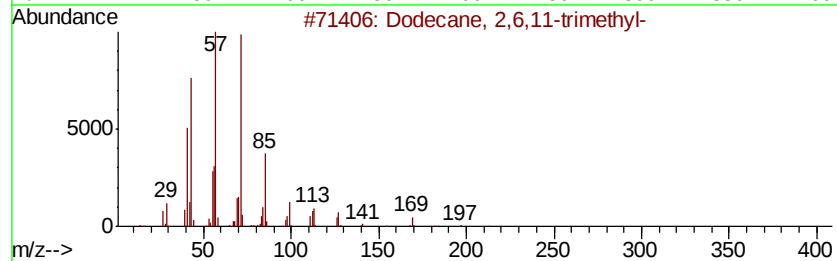
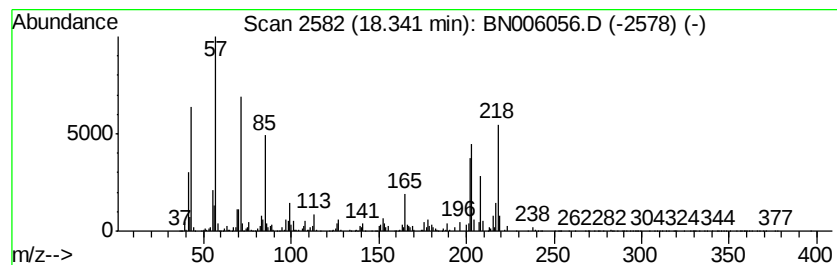
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	19.44 ng/ul	4124200	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	41
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
3		Heptadecane	240	C17H36	000629-78-7	30
4		Tetracosane	338	C24H50	000646-31-1	30
5		Eicosane	282	C20H42	000112-95-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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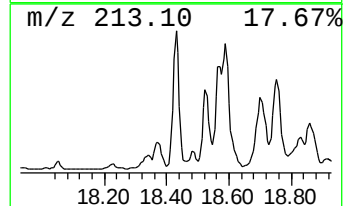
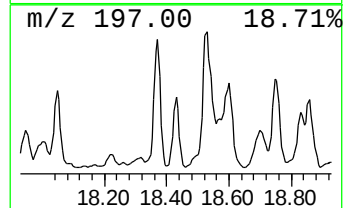
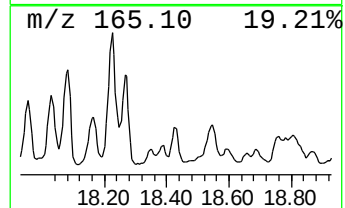
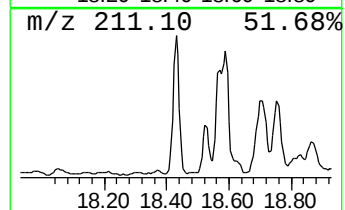
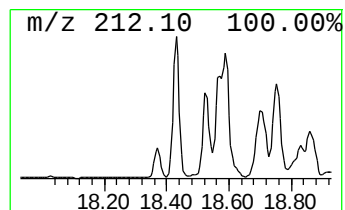
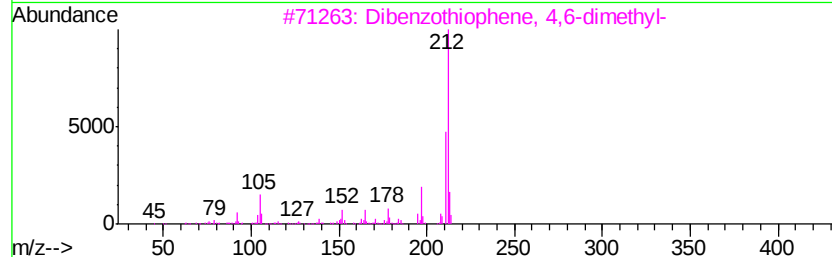
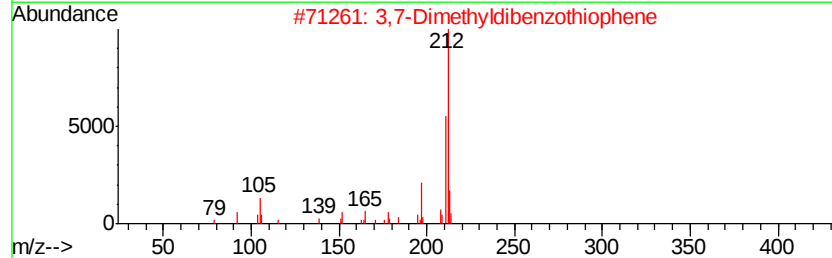
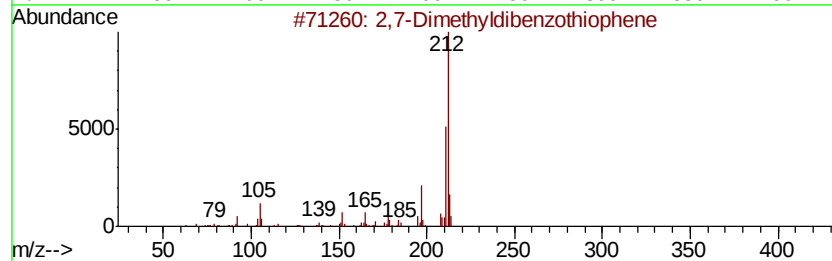
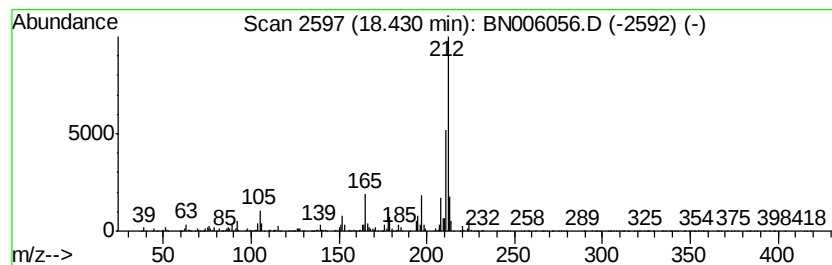
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 2,7-Dimethyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	24.78 ng/ul	5258280	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	98
2		3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	97
3		Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	95
4		1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	95
5		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006056.D
Acq On : 04 Jun 2019 03:31
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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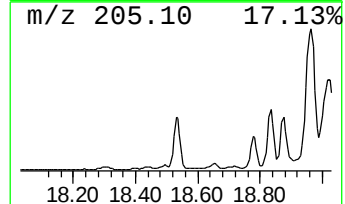
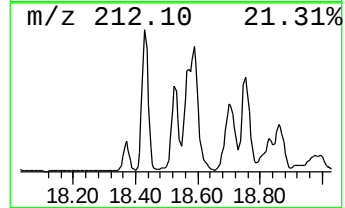
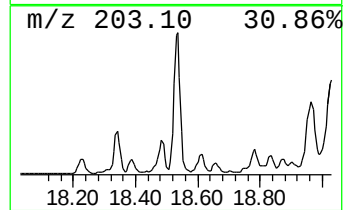
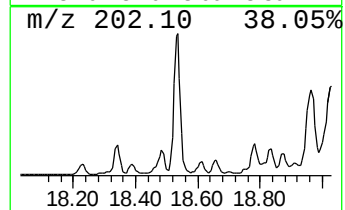
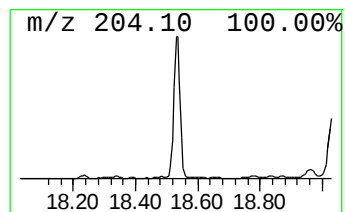
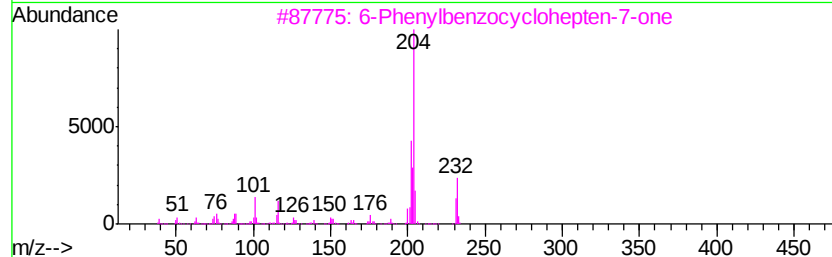
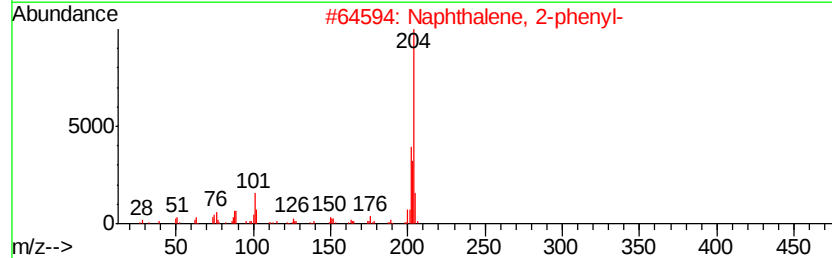
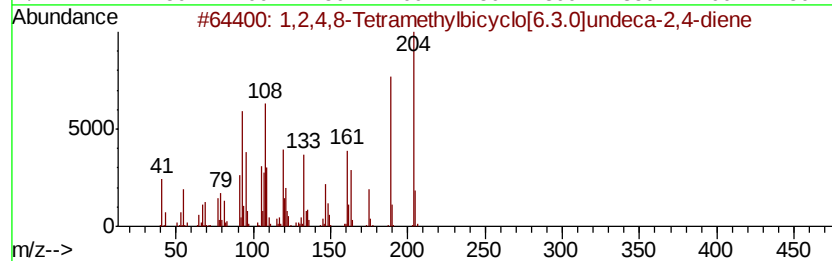
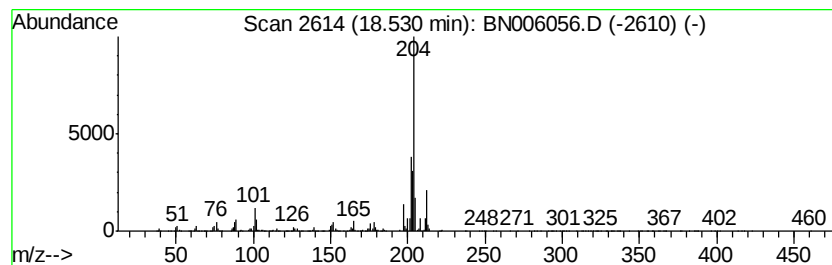
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	51.18 ng/ul	10860200	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	80
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4		5,16[1',2']:[8,13[1'',2'']]-Dibenz[1,2-b:4,5-b']diphenyl	408	C32H24	005672-97-9	64
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
 Data File : BN006056.D
 Acq On : 04 Jun 2019 03:31
 Operator : JU/SJ
 Sample : K2928-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4,6,8-Trimethylaz...	14.69	9.5	ng/ul	2545470	3	14.39	5365250	20.0
Naphthalene, 2,3,...	14.87	11.6	ng/ul	3111510	3	14.39	5365250	20.0
Naphthalene, 1,6,...	15.01	14.3	ng/ul	3838170	3	14.39	5365250	20.0
Naphthalene, 1,4,...	15.18	13.9	ng/ul	3720340	3	14.39	5365250	20.0
unknown-01	15.65	14.6	ng/ul	3917130	3	14.39	5365250	20.0
[1,1'-Biphenyl]-4...	15.72	12.2	ng/ul	3259800	3	14.39	5365250	20.0
Chamazulene	15.76	9.9	ng/ul	2652200	3	14.39	5365250	20.0
1,1'-Biphenyl, 2-...	16.12	31.8	ng/ul	6745990	4	17.15	4243770	20.0
1,4,5,8-Tetrameth...	16.25	12.0	ng/ul	2538750	4	17.15	4243770	20.0
9H-Fluorene, 2-me...	16.45	20.9	ng/ul	4431410	4	17.15	4243770	20.0
9H-Fluorene, 1-me...	16.50	18.1	ng/ul	3831220	4	17.15	4243770	20.0
9H-Fluorene, 9-me...	16.60	13.4	ng/ul	2854000	4	17.15	4243770	20.0
1,1'-Biphenyl, 2,...	16.65	12.2	ng/ul	2585660	4	17.15	4243770	20.0
2,2'-Dimethylbiph...	16.72	13.8	ng/ul	2919540	4	17.15	4243770	20.0
unknown-02	16.80	11.6	ng/ul	2466950	4	17.15	4243770	20.0
unknown-03	16.88	15.7	ng/ul	3325220	4	17.15	4243770	20.0
Dibenzothiophene	16.96	17.3	ng/ul	3679590	4	17.15	4243770	20.0
3H-Pyrrolo[3,2-H]...	17.34	27.8	ng/ul	5897910	4	17.15	4243770	20.0
Naphthalene, 1-ph...	17.66	12.5	ng/ul	2645730	4	17.15	4243770	20.0
Benzenamine, 4,4'...	17.73	36.5	ng/ul	7736380	4	17.15	4243770	20.0
Dibenzothiophene,...	17.88	10.8	ng/ul	2298380	4	17.15	4243770	20.0
Anthracene, 2-met...	18.03	68.2	ng/ul	14479900	4	17.15	4243770	20.0
Phenanthrene, 2-m...	18.08	92.0	ng/ul	19530400	4	17.15	4243770	20.0
Anthracene, 1-met...	18.16	57.2	ng/ul	12139800	4	17.15	4243770	20.0
1H-Cyclopropa[l]p...	18.26	64.7	ng/ul	13732800	4	17.15	4243770	20.0
unknown-04	18.34	19.4	ng/ul	4124200	4	17.15	4243770	20.0
2,7-Dimethyldiben...	18.43	24.8	ng/ul	5258280	4	17.15	4243770	20.0
1,2,4,8-Tetrameth...	18.53	51.2	ng/ul	10860200	4	17.15	4243770	20.0