

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
 Data File : BN004317.D
 Acq On : 03 Jan 2019 14:33
 Operator : JU/SJ
 Sample : J6441-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN121218MA.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	3.052	7	11	22	rVB	219460	278507	22.97%	1.188%
2	6.858	650	658	660	rBV	24978	46383	3.83%	0.198%
3	6.881	660	662	668	rVB	26081	34490	2.84%	0.147%
4	6.946	668	673	674	rBV2	16611	21705	1.79%	0.093%
5	6.981	674	679	690	rVB2	150929	302346	24.94%	1.290%
6	7.146	701	707	711	rBV	138801	205394	16.94%	0.876%
7	7.187	711	714	719	rVB	18308	24591	2.03%	0.105%
8	7.340	734	740	746	rBV	152864	236039	19.47%	1.007%
9	7.446	753	758	763	rVB	42396	60208	4.97%	0.257%
10	7.811	814	820	827	rBV	166510	254606	21.00%	1.086%
11	7.911	831	837	842	rBV2	15934	25043	2.07%	0.107%
12	8.516	934	940	947	rBV	206339	330995	27.30%	1.412%
13	8.981	1012	1019	1031	rBV	163643	294061	24.25%	1.255%
14	9.693	1135	1140	1147	rBB	100584	165403	13.64%	0.706%
15	10.228	1225	1231	1242	rBB	160970	265198	21.87%	1.132%
16	10.605	1288	1295	1301	rBV	240353	385836	31.82%	1.646%
17	10.752	1312	1320	1332	rBV	161592	275393	22.71%	1.175%
18	10.981	1354	1359	1366	rBB	26033	39148	3.23%	0.167%
19	13.857	1842	1848	1852	rVV	346706	481742	39.73%	2.056%
20	13.898	1852	1855	1859	rVB	55640	70657	5.83%	0.301%
21	14.146	1891	1897	1910	rVB	423072	614091	50.65%	2.620%
22	14.316	1921	1926	1934	rBV2	19448	29933	2.47%	0.128%
23	14.451	1941	1949	1955	rVB2	338659	486852	40.15%	2.077%
24	14.516	1955	1960	1966	rVB	39955	55644	4.59%	0.237%
25	14.687	1984	1989	1995	rVV	16080	25102	2.07%	0.107%
26	14.845	2012	2016	2024	rVB2	14782	24483	2.02%	0.104%
27	15.445	2112	2118	2123	rBV	512117	734620	60.59%	3.135%
28	15.498	2123	2127	2133	rVB	49292	65855	5.43%	0.281%
29	15.587	2138	2142	2146	rBV2	24573	34152	2.82%	0.146%
30	15.657	2151	2154	2160	rVB5	13493	23833	1.97%	0.102%
31	16.151	2230	2238	2244	rBV7	22401	66718	5.50%	0.285%
32	16.263	2252	2257	2260	rBV	24943	34328	2.83%	0.146%
33	16.322	2260	2267	2273	rVB3	21883	46959	3.87%	0.200%
34	16.381	2273	2277	2281	rBV2	23665	33994	2.80%	0.145%

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 Title : SVOA CALIBRATION

35	16.481	2288	2294	2295	rBV2	18058	26949	2.22%	0.115%
36	16.581	2308	2311	2318	rVB3	15156	27188	2.24%	0.116%
37	16.651	2318	2323	2327	rVB	29172	37299	3.08%	0.159%
38	16.916	2364	2368	2371	rBV4	21857	30714	2.53%	0.131%
39	16.963	2372	2376	2381	rVV5	20195	36724	3.03%	0.157%
40	17.016	2381	2385	2390	rVV	23617	32579	2.69%	0.139%
41	17.198	2410	2416	2420	rBV	358731	526216	43.40%	2.245%
42	17.239	2420	2423	2428	rVV	511923	672804	55.49%	2.871%
43	17.298	2428	2433	2437	rVV	497609	721645	59.52%	3.079%
44	17.334	2437	2439	2443	rVV	123867	134893	11.13%	0.576%
45	17.392	2446	2449	2453	rVB2	16866	22479	1.85%	0.096%
46	17.610	2482	2486	2491	rVV	22341	30558	2.52%	0.130%
47	17.657	2491	2494	2499	rVB3	22434	32066	2.64%	0.137%
48	17.710	2499	2503	2507	rBV	23322	33478	2.76%	0.143%
49	17.922	2534	2539	2546	rBV7	11711	32785	2.70%	0.140%
50	18.069	2559	2564	2567	rBV	104605	158568	13.08%	0.677%
51	18.116	2567	2572	2575	rVV2	108513	178862	14.75%	0.763%
52	18.204	2582	2587	2591	rVB	53297	80288	6.62%	0.343%
53	18.269	2591	2598	2602	rBV2	144612	296042	24.42%	1.263%
54	18.304	2602	2604	2608	rVB	75712	82345	6.79%	0.351%
55	18.516	2636	2640	2645	rBV2	30185	48591	4.01%	0.207%
56	18.569	2645	2649	2653	rVB	61339	81044	6.68%	0.346%
57	18.810	2685	2690	2695	rVB3	43953	87618	7.23%	0.374%
58	18.869	2696	2700	2703	rVB	37367	46050	3.80%	0.196%
59	18.910	2703	2707	2709	rBV	24961	34416	2.84%	0.147%
60	18.986	2715	2720	2725	rBV3	113469	183597	15.14%	0.783%
61	19.057	2726	2732	2734	rVV4	27500	56450	4.66%	0.241%
62	19.128	2741	2744	2745	rBV2	22804	24810	2.05%	0.106%
63	19.263	2761	2767	2770	rBV	796353	1112623	91.77%	4.747%
64	19.298	2770	2773	2779	rVB	434916	545600	45.00%	2.328%
65	19.357	2779	2783	2786	rBV3	31161	46640	3.85%	0.199%
66	19.598	2818	2824	2826	rBV2	583248	860323	70.96%	3.671%
67	19.628	2826	2829	2836	rVB	836178	1106291	91.24%	4.720%
68	19.692	2836	2840	2844	rBV2	51449	67451	5.56%	0.288%
69	19.804	2856	2859	2863	rBV2	30943	48068	3.96%	0.205%
70	19.957	2878	2885	2891	rBV4	62372	152021	12.54%	0.649%
71	20.028	2893	2897	2901	rVB	121109	151064	12.46%	0.645%

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72	20.116	2903	2912	2916	rVV2	134858	310341	25.60%	1.324%
73	20.216	2925	2929	2933	rBV	119487	164931	13.60%	0.704%
74	20.275	2936	2939	2943	rVB	86206	120407	9.93%	0.514%
75	20.422	2960	2964	2967	rBV2	77678	107539	8.87%	0.459%
76	20.463	2968	2971	2974	rVV2	73897	89186	7.36%	0.381%
77	20.522	2977	2981	2985	rVV	412072	505283	41.67%	2.156%
78	20.592	2989	2993	2997	rVB	560712	613897	50.63%	2.619%
79	20.875	3037	3041	3046	rVB	55414	79488	6.56%	0.339%
80	21.033	3065	3068	3071	rBV	63075	84580	6.98%	0.361%
81	21.069	3071	3074	3078	rVB2	117520	147170	12.14%	0.628%
82	21.110	3078	3081	3086	rBV2	65307	91069	7.51%	0.389%
83	21.269	3105	3108	3114	rVB2	159833	194282	16.02%	0.829%
84	21.380	3121	3127	3132	rBV2	567222	1212457	100.00%	5.173%
85	21.427	3132	3135	3143	rVB	429800	522954	43.13%	2.231%
86	21.498	3144	3147	3151	rVB2	70112	82174	6.78%	0.351%
87	21.545	3152	3155	3161	rVB	87778	119739	9.88%	0.511%
88	21.945	3219	3223	3228	rVB2	113005	165765	13.67%	0.707%
89	22.410	3299	3302	3306	rBV	65031	83102	6.85%	0.355%
90	22.927	3386	3390	3396	rVB2	105538	157305	12.97%	0.671%
91	23.010	3398	3404	3409	rBV	344891	813660	67.11%	3.472%
92	23.186	3430	3434	3440	rVB	78601	130085	10.73%	0.555%
93	23.510	3483	3489	3493	rBV	294198	577279	47.61%	2.463%
94	23.563	3493	3498	3502	rVV	362460	717991	59.22%	3.064%
95	23.610	3502	3506	3512	rVB	345004	612279	50.50%	2.613%
96	23.710	3517	3523	3528	rBV	246541	462975	38.18%	1.975%
97	24.169	3597	3601	3612	rVB3	89967	225264	18.58%	0.961%
98	26.063	3915	3923	3935	rVB	189165	561725	46.33%	2.397%
99	26.339	3963	3970	3977	rVB3	50130	130201	10.74%	0.556%
100	26.798	4039	4048	4057	rBV	137081	431735	35.61%	1.842%

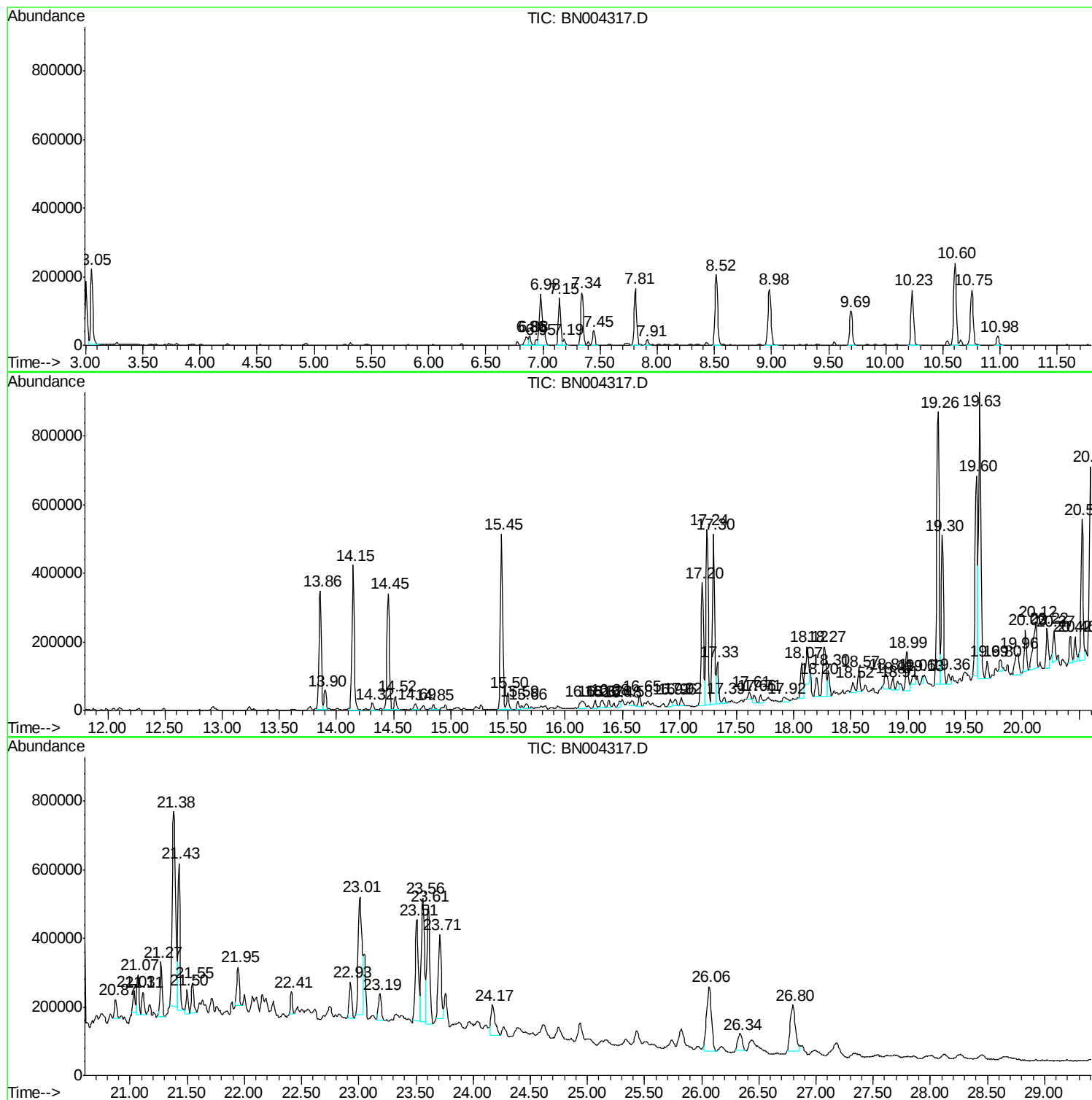
Sum of corrected areas: 23436311

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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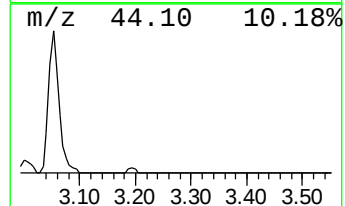
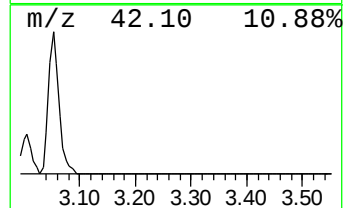
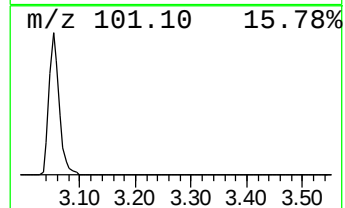
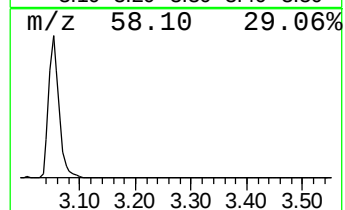
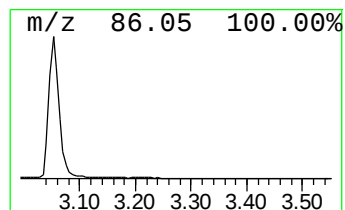
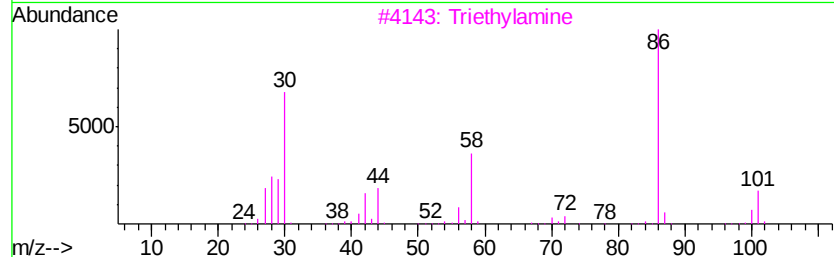
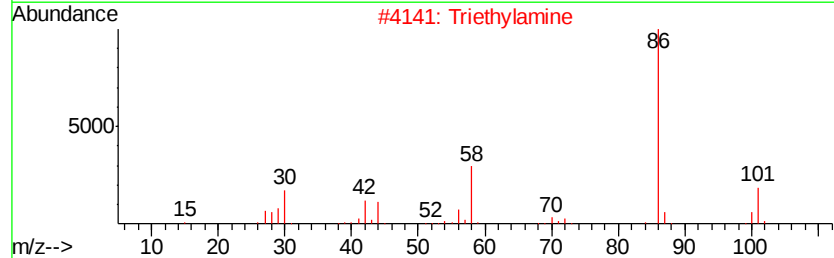
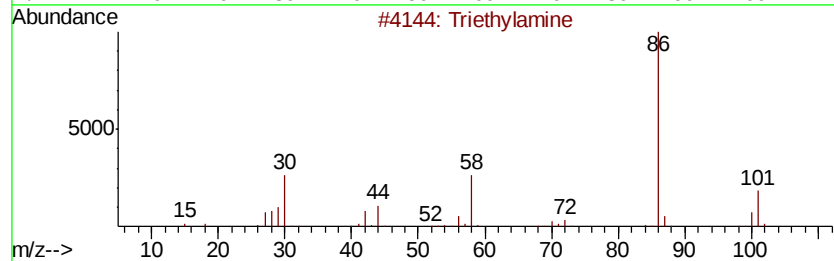
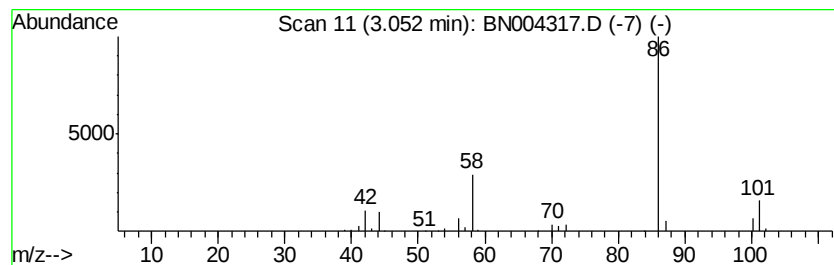
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Triethylamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	21.88 ng/ul	278507	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triethylamine	101	C6H15N	000121-44-8	91
2		Triethylamine	101	C6H15N	000121-44-8	91
3		Triethylamine	101	C6H15N	000121-44-8	91
4		Triethylamine	101	C6H15N	000121-44-8	90
5		Triethylamine	101	C6H15N	000121-44-8	87



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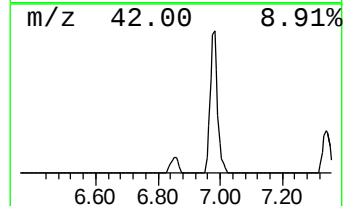
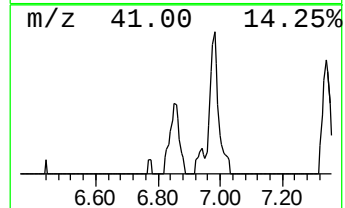
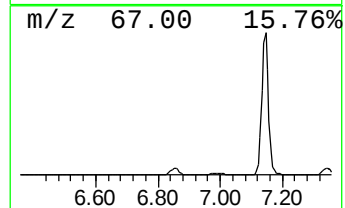
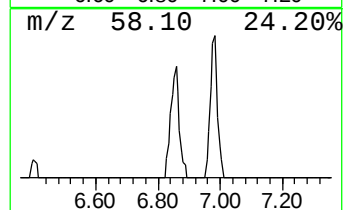
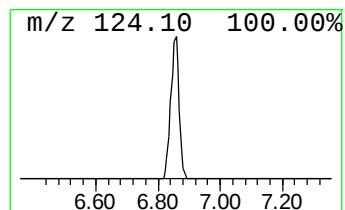
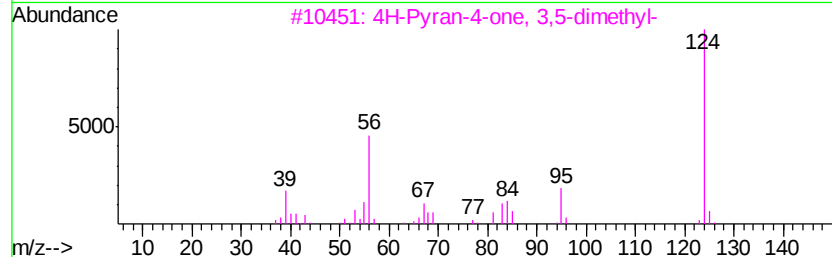
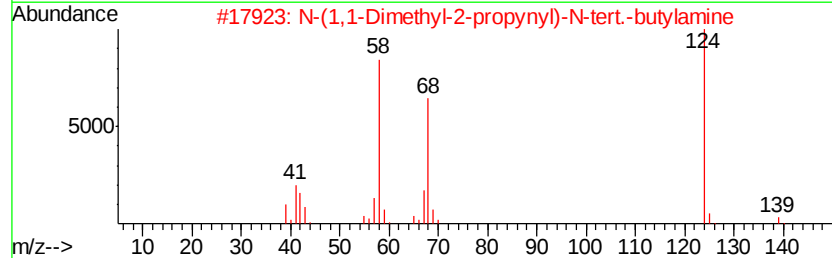
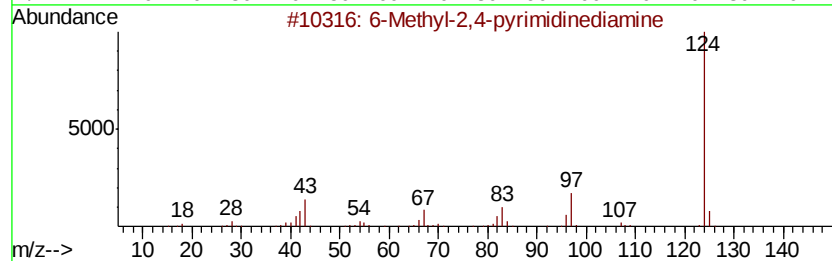
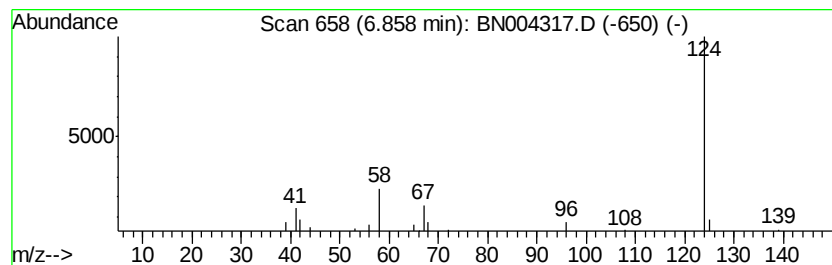
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 6-Methyl-2,4-pyrimidinediamine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.64 ng/ul	46383	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Methyl-2,4-pyrimidinediamine	124	C5H8N4	001791-73-7	53
2		N-(1,1-Dimethyl-2-propynyl)-N-te...	139	C9H17N	001118-17-8	53
3		4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	45
4		2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	42
5		Phenol, 2,6-diamino-	124	C6H8N2O	022440-82-0	9



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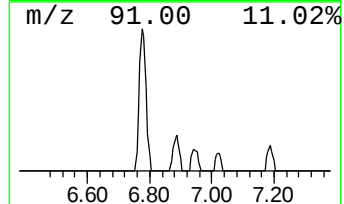
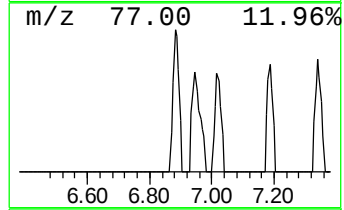
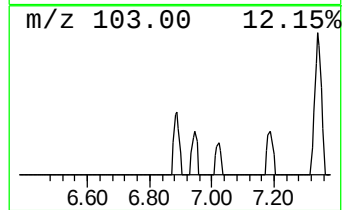
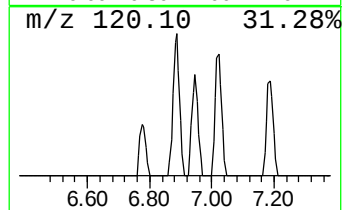
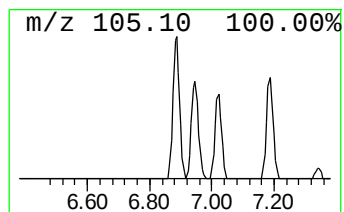
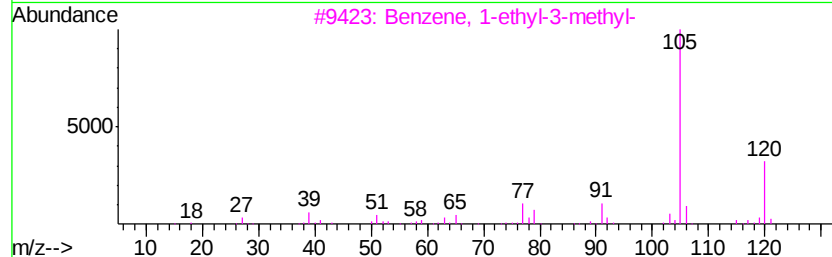
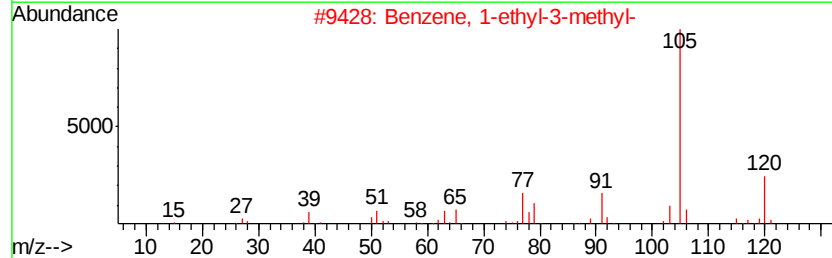
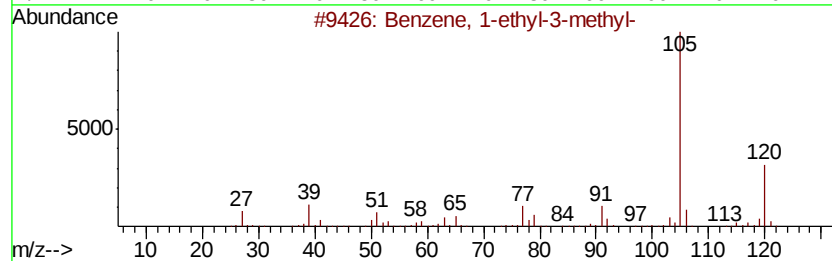
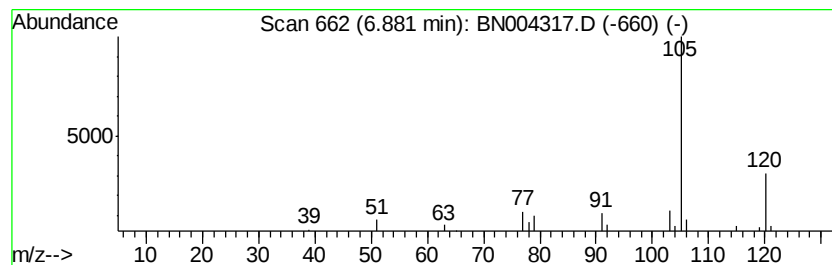
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	2.71 ng/ul	34490	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Mesitylene	120	C9H12	000108-67-8	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



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Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
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Instrument :
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ClientSampleId :
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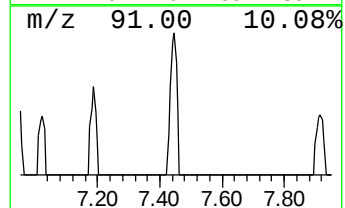
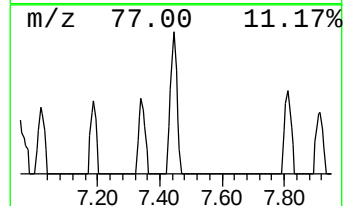
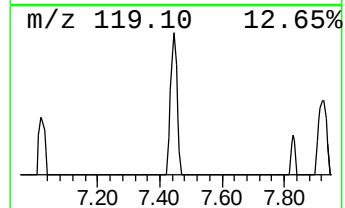
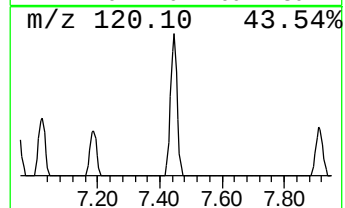
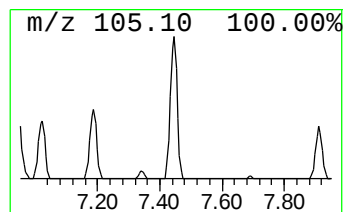
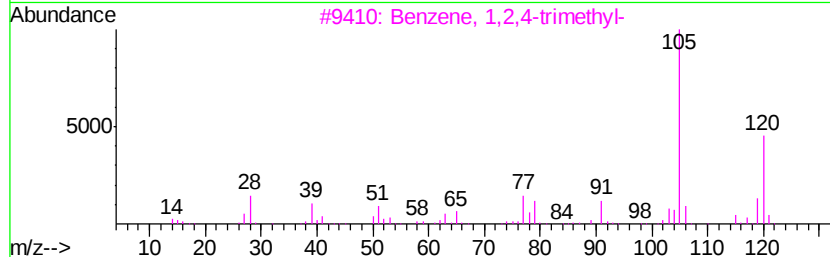
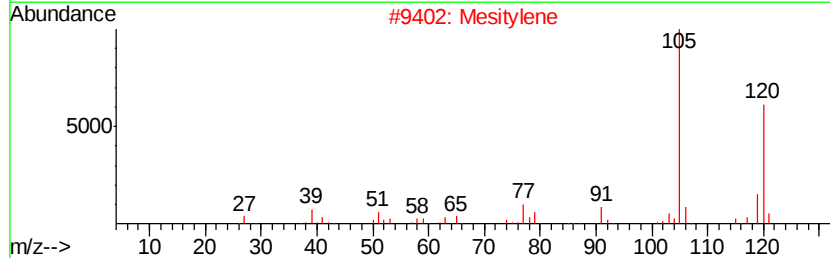
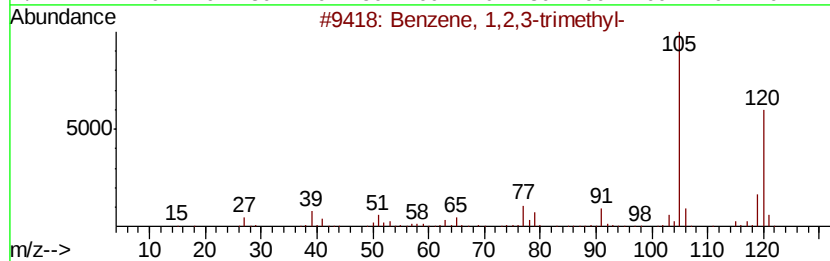
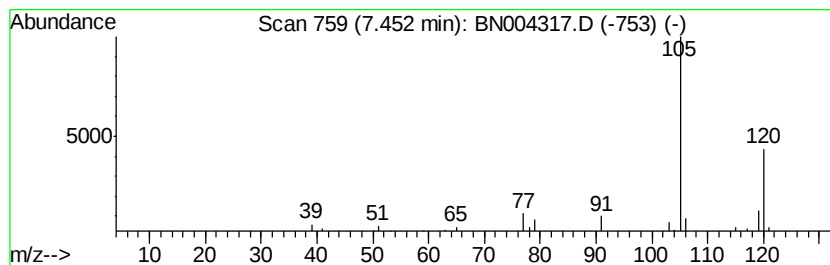
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.73 ng/ul	60208	1,4-Dichlorobenzene-d4	7.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Mesitylene	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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Instrument :
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ClientSampleId :
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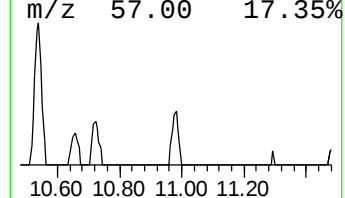
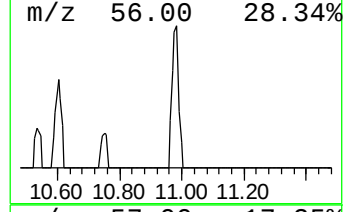
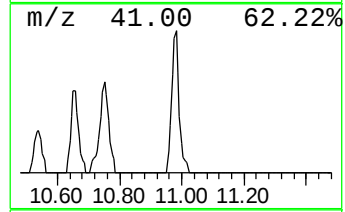
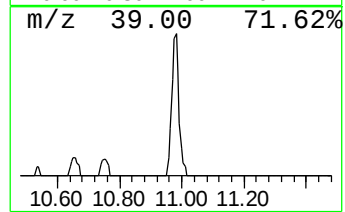
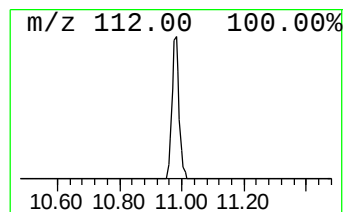
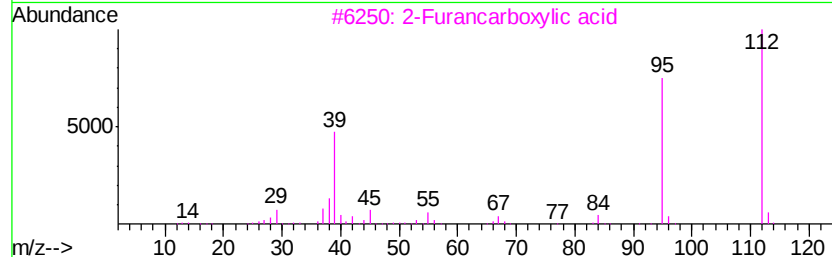
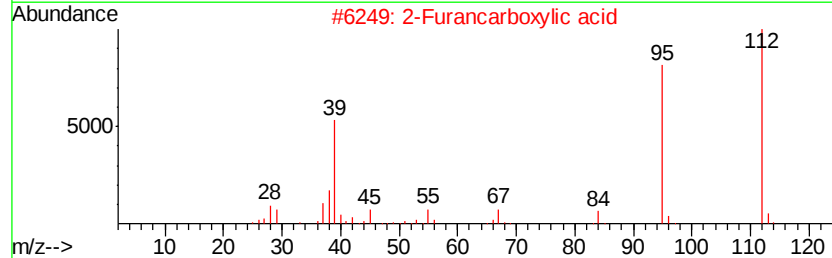
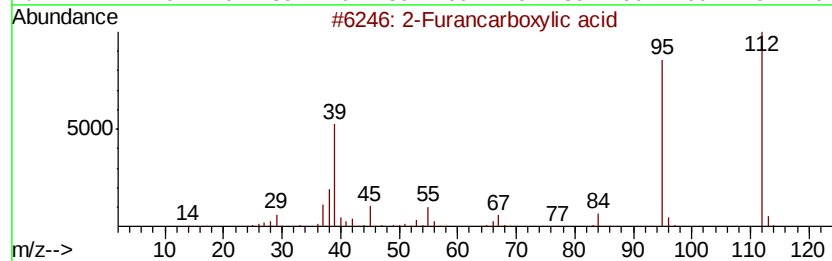
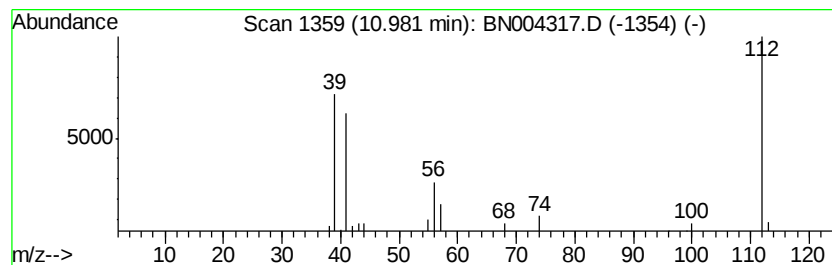
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Furancarboxylic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	2.03 ng/ul	39148	Naphthalene-d8	10.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	53
2		2-Furancarboxylic acid	112	C5H4O3	000088-14-2	42
3		2-Furancarboxylic acid	112	C5H4O3	000088-14-2	36
4		2H-Pyran-2,6(3H)-dione	112	C5H4O3	005926-95-4	25
5		5-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018584-39-9	17



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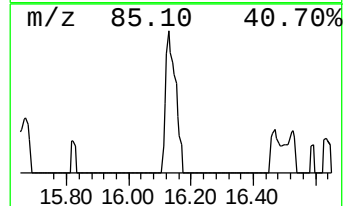
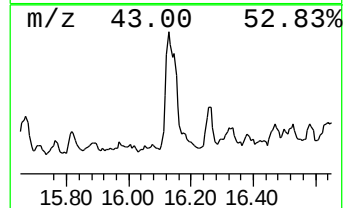
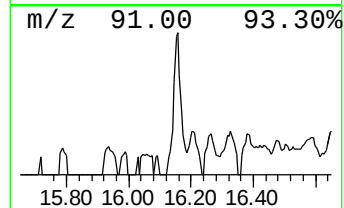
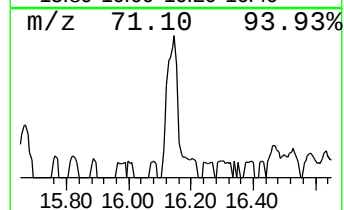
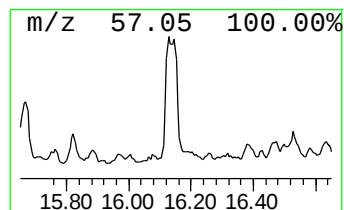
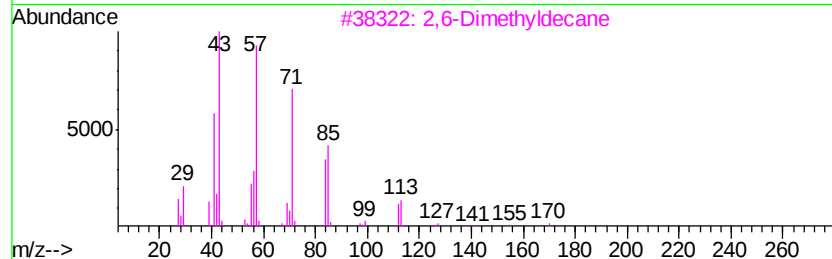
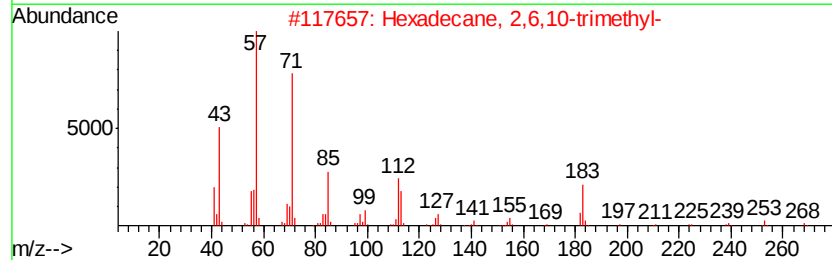
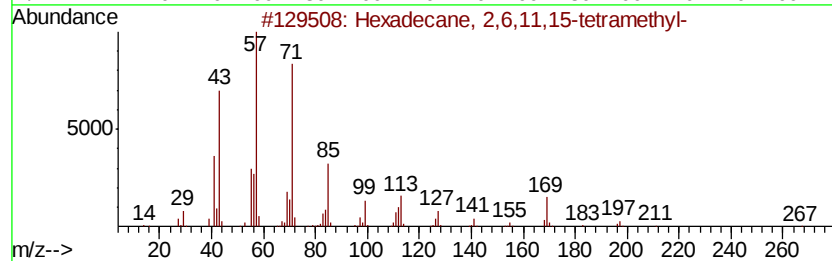
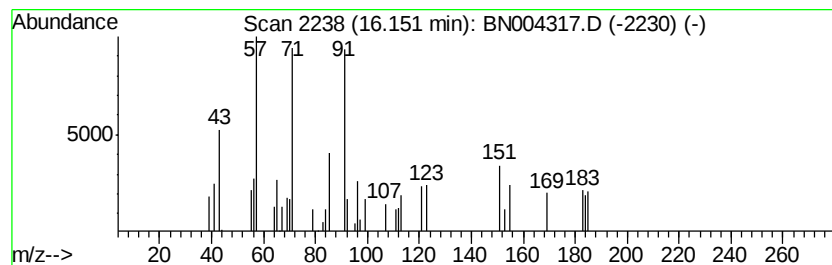
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.54 ng/ul	66718	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	49
2		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	47
3		2,6-Dimethyldecane	170	C12H26	013150-81-7	38
4		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	38
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38



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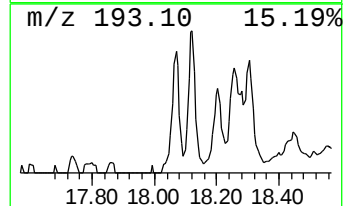
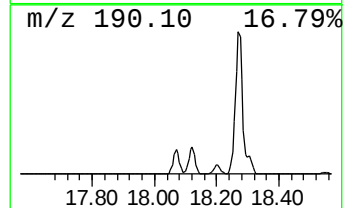
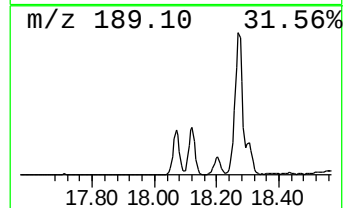
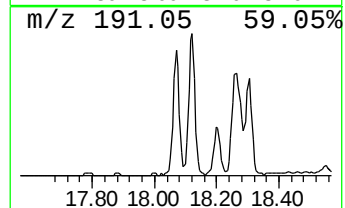
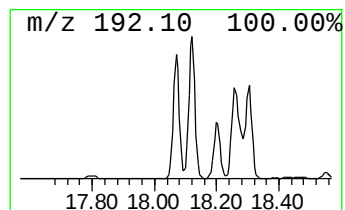
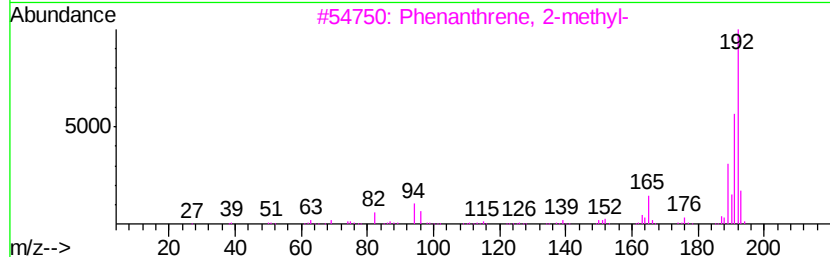
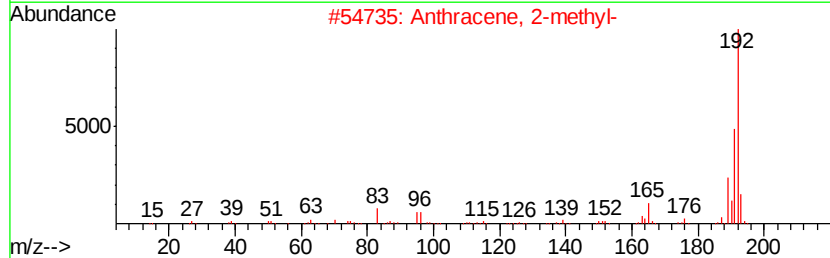
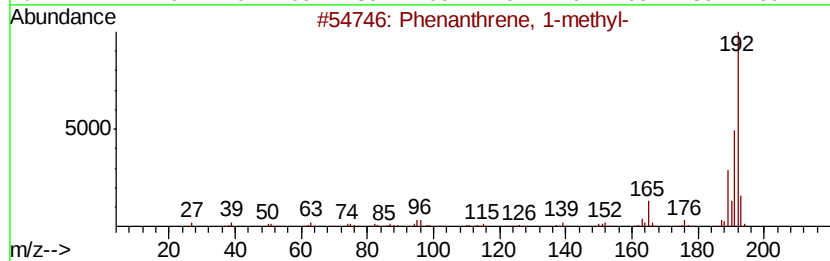
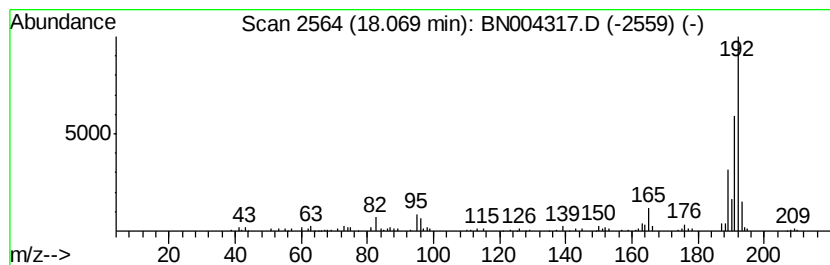
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TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	6.03 ng/ul	158568	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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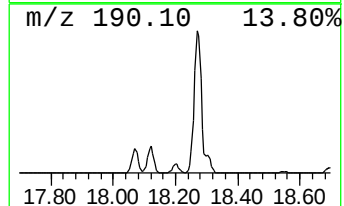
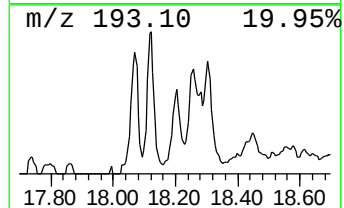
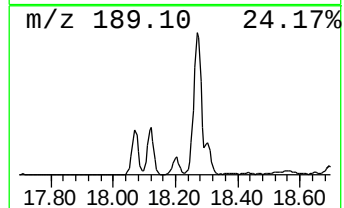
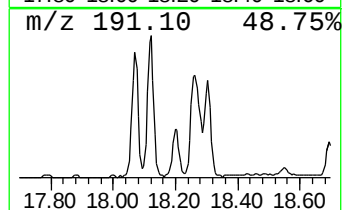
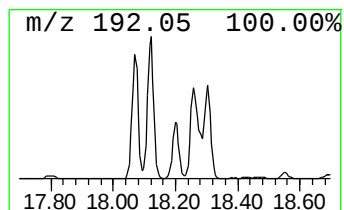
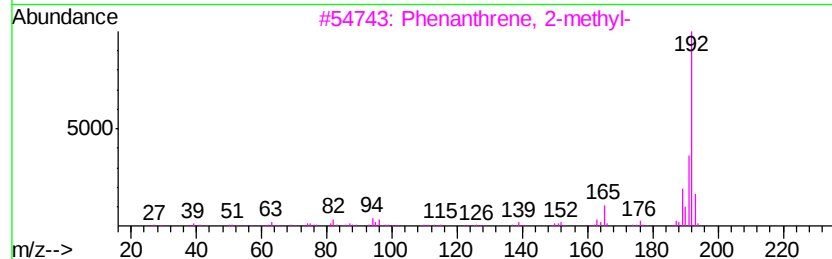
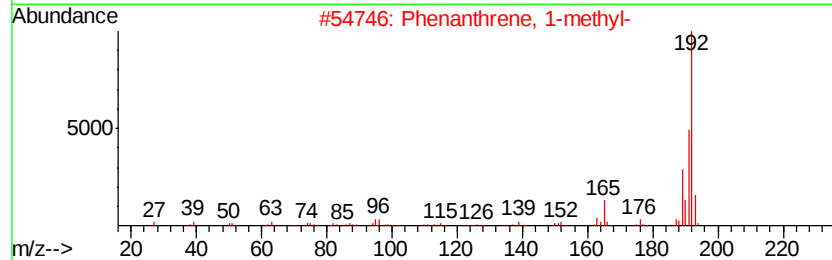
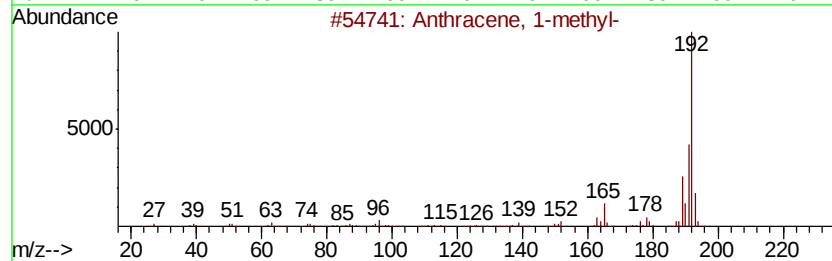
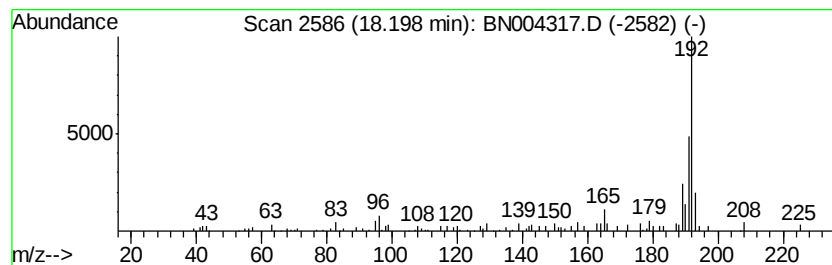
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.05 ng/ul	80288	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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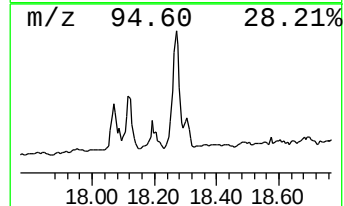
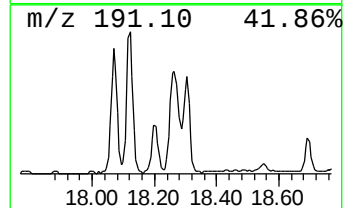
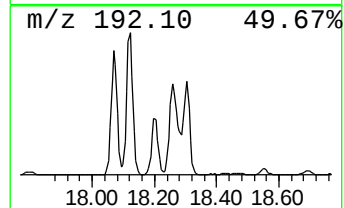
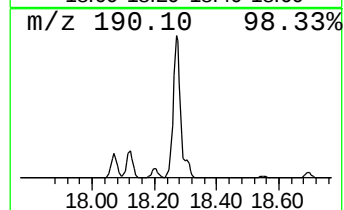
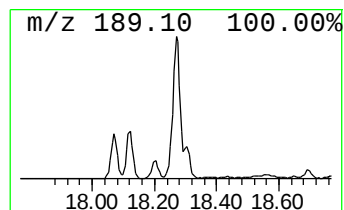
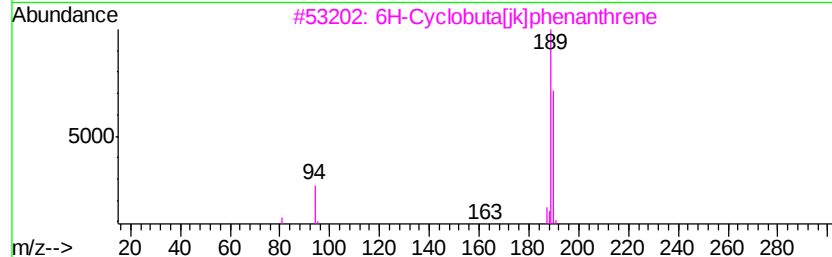
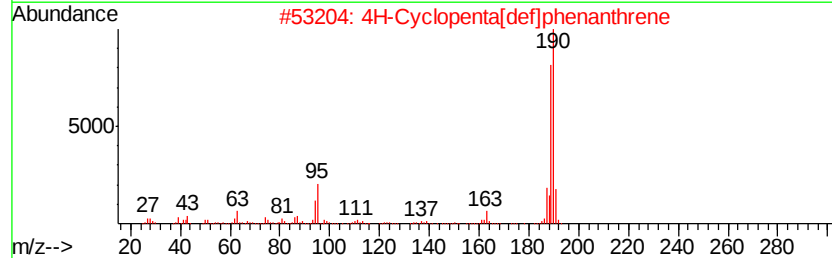
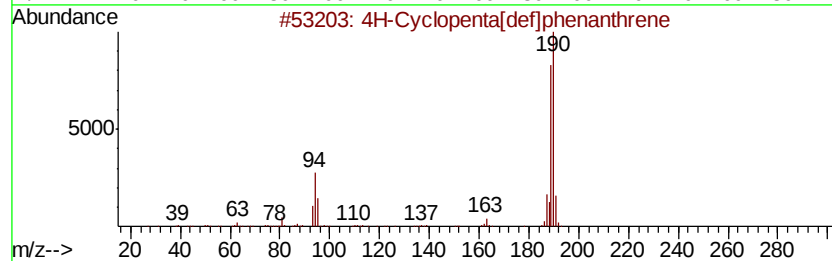
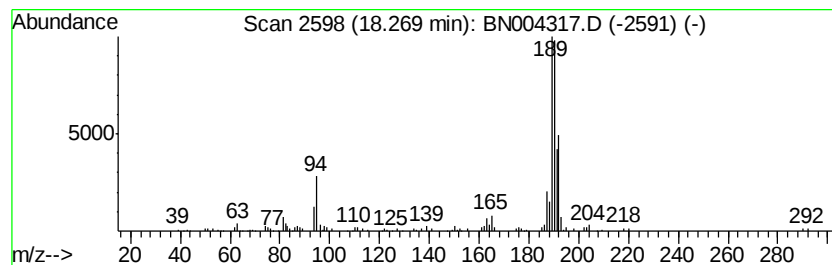
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	11.25 ng/ul	296042	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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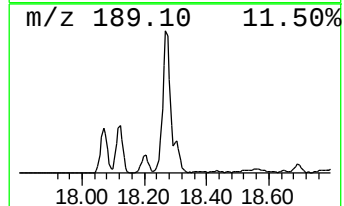
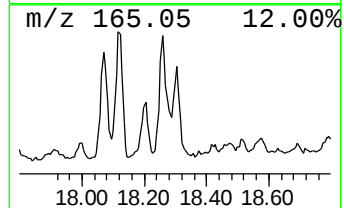
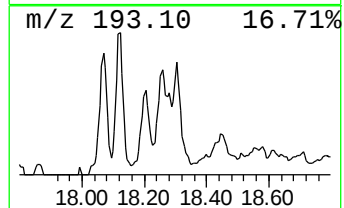
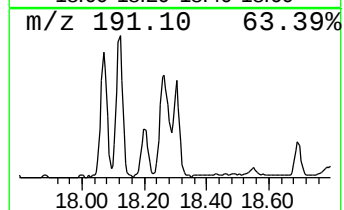
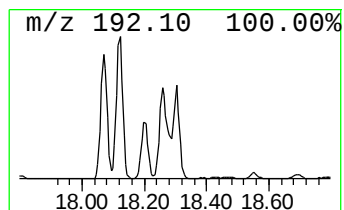
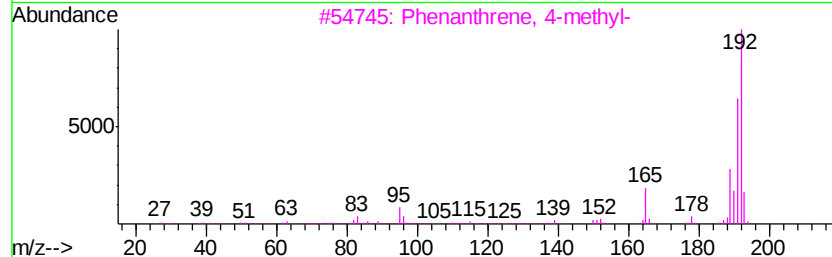
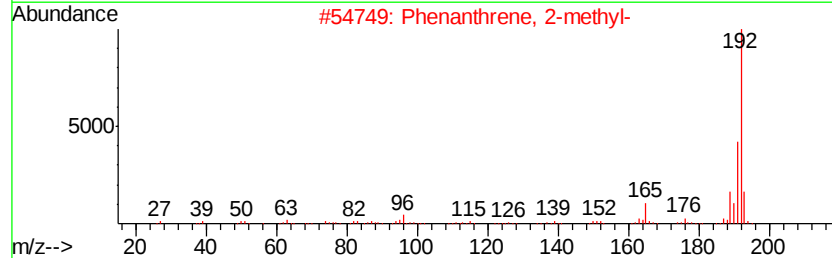
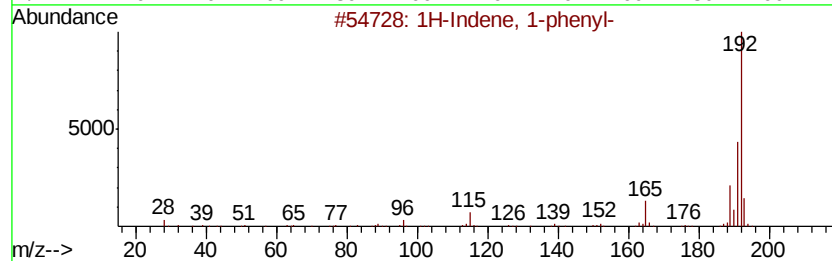
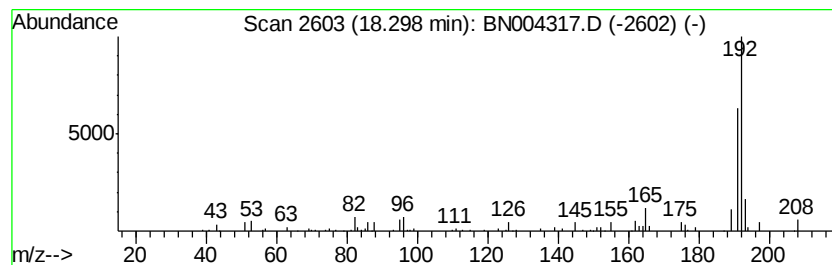
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Indene, 1-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.13 ng/ul	82345	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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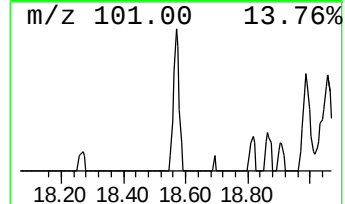
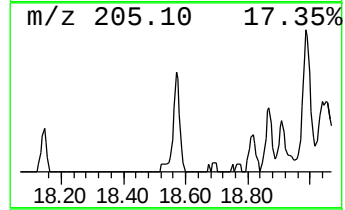
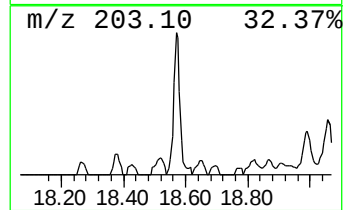
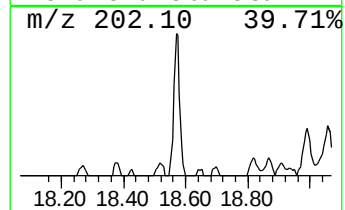
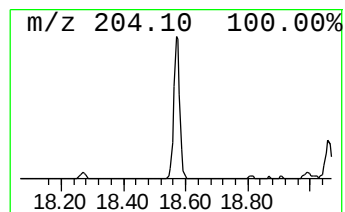
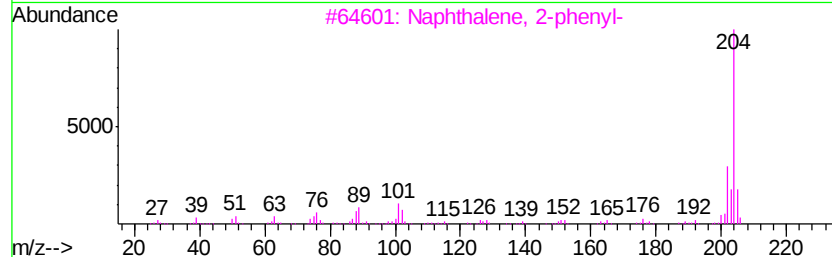
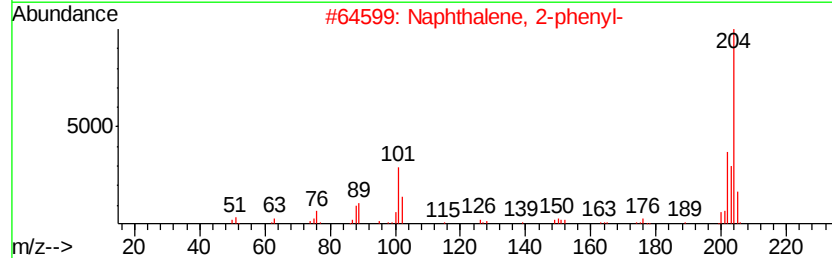
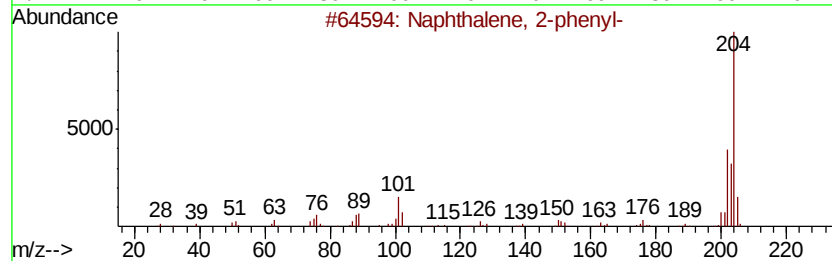
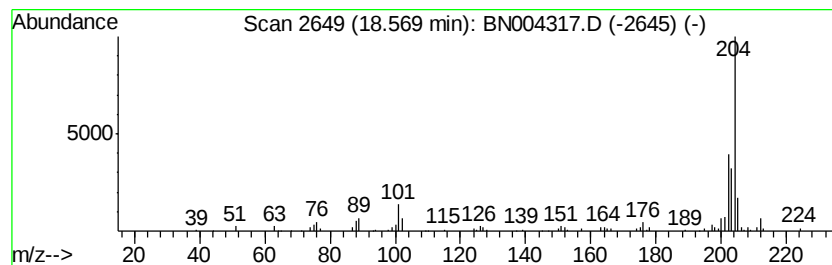
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.08 ng/ul	81044	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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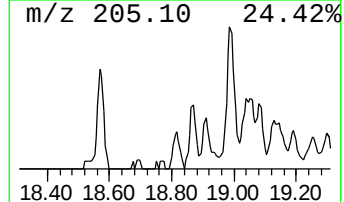
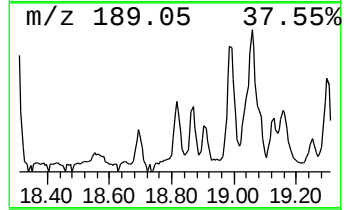
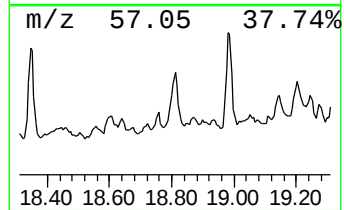
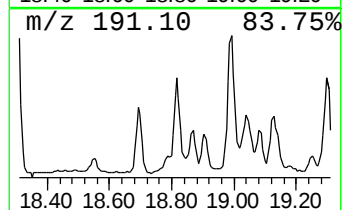
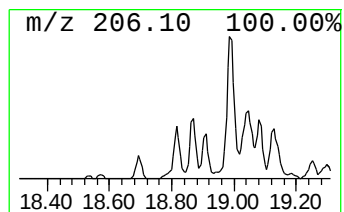
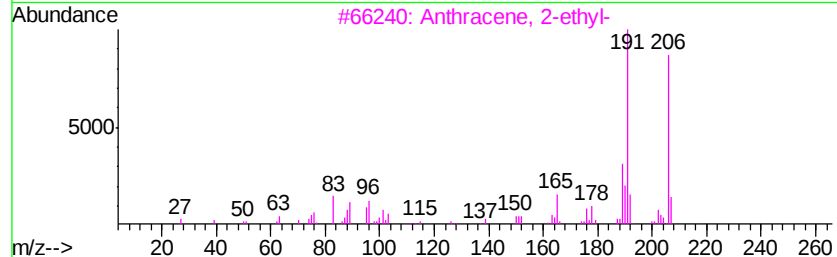
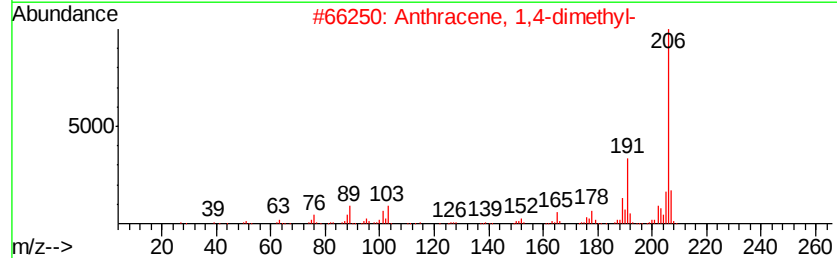
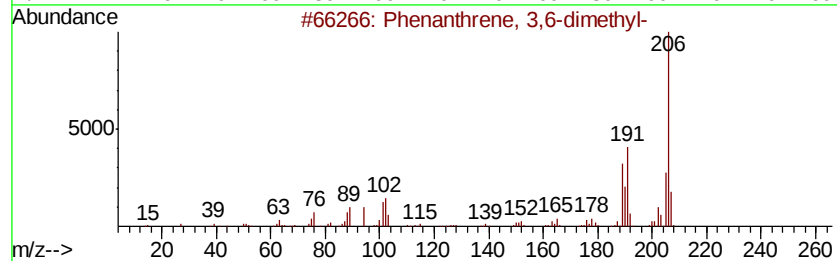
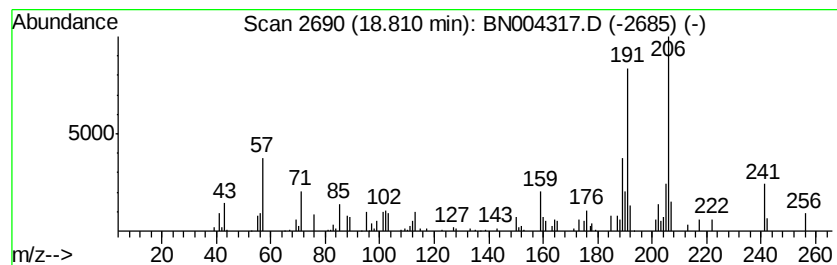
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	3.33 ng/ul	87618	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	86
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
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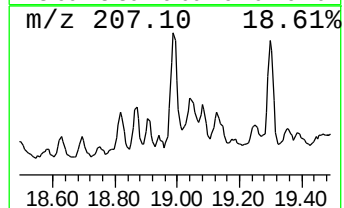
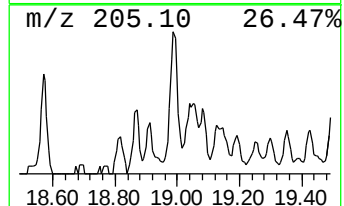
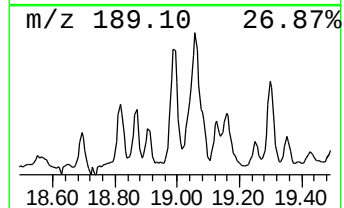
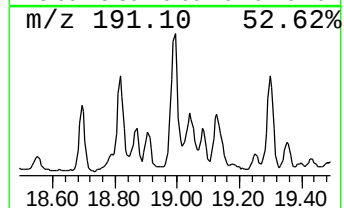
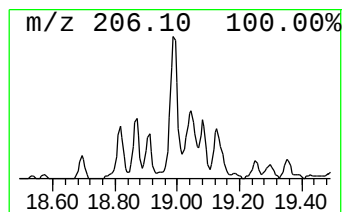
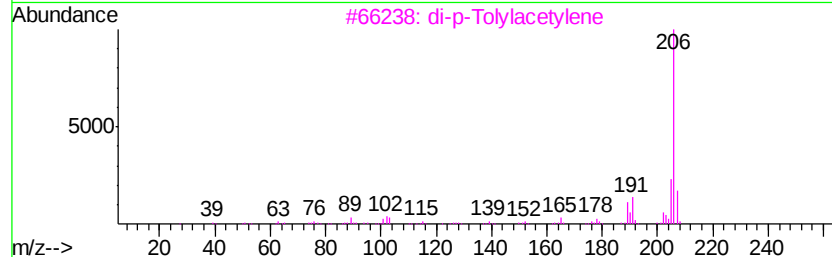
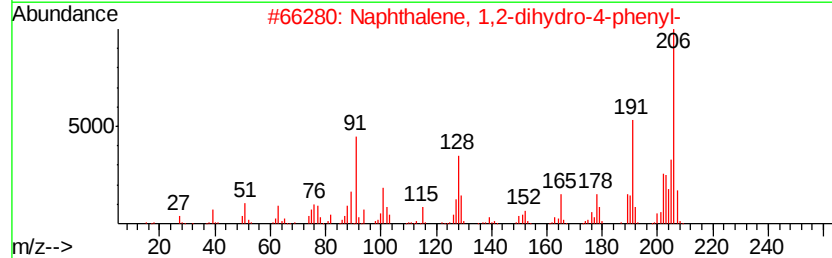
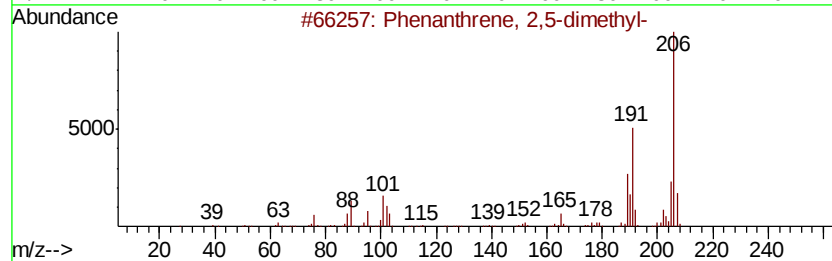
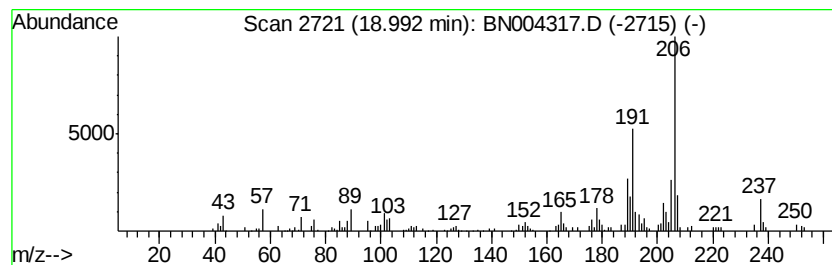
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.99	6.98 ng/ul	183597	Phenanthrene-d10		17.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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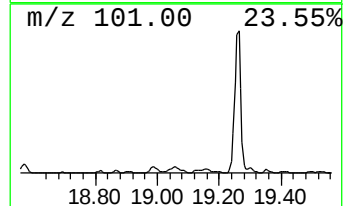
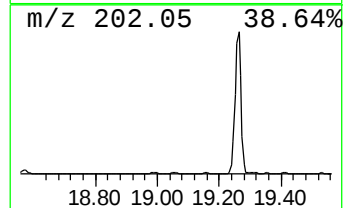
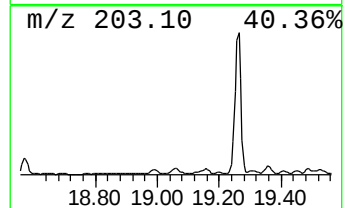
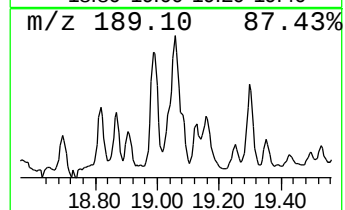
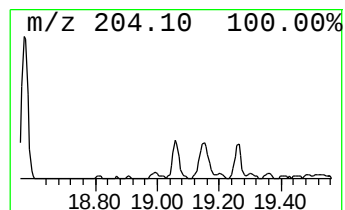
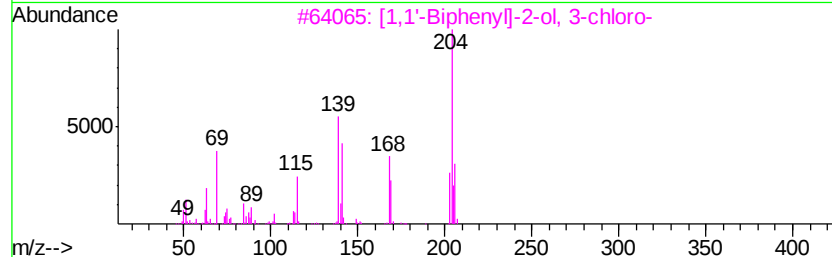
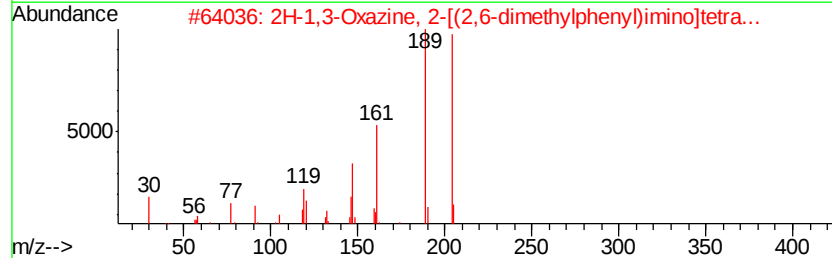
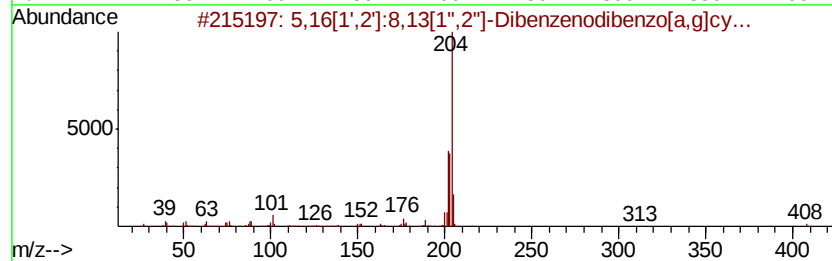
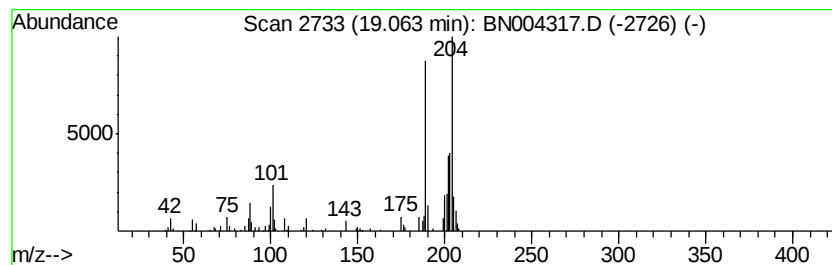
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.15 ng/ul	56450	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16	[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	37
2	2H-1,3-Oxazine, 2-[(2,6-dimethyl...	204	C12H16N2O	054708-09-7	35		
3	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	30		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27		
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	25		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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Sample : J6441-10
Misc :
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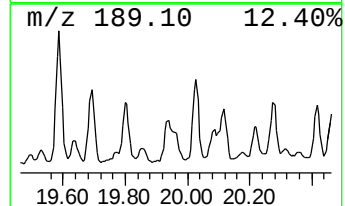
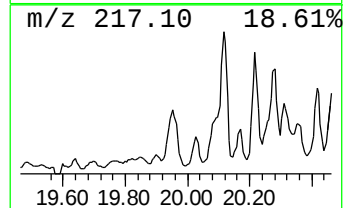
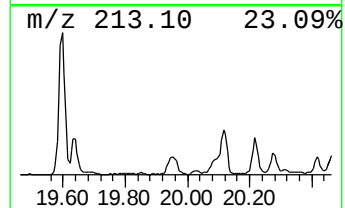
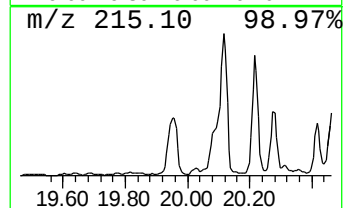
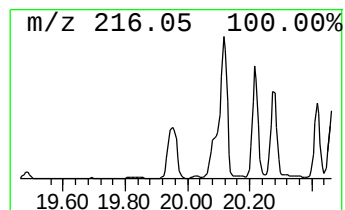
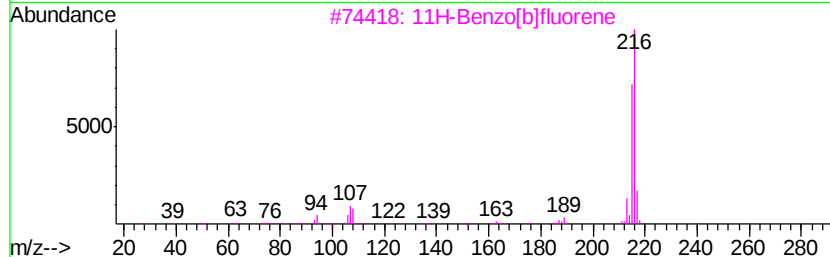
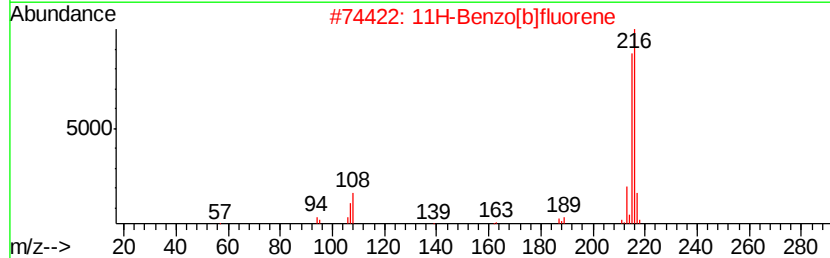
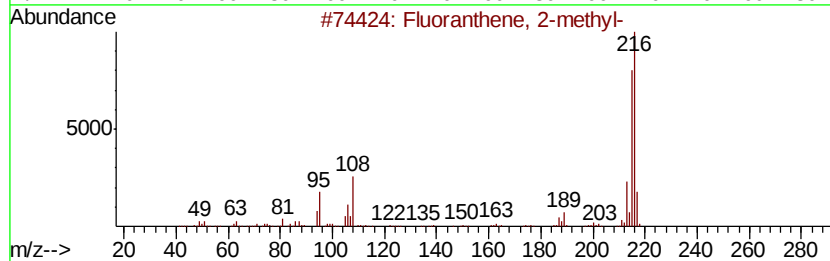
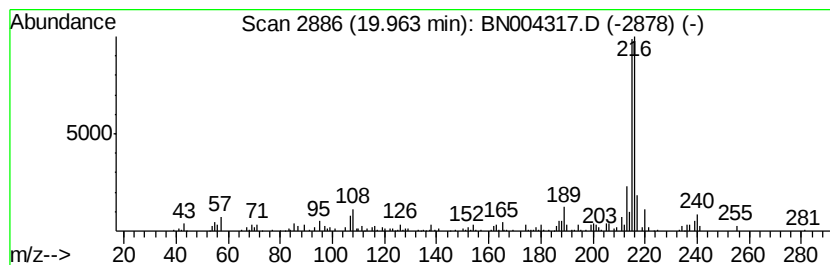
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.96	2.51 ng/ul	152021	Chrysene-d12	21.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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Instrument :
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ClientSampleId :
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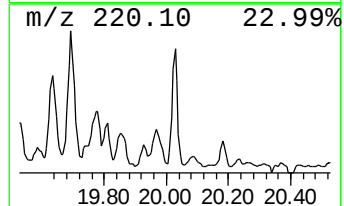
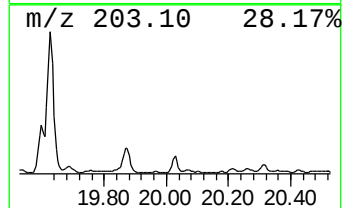
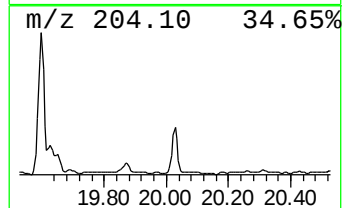
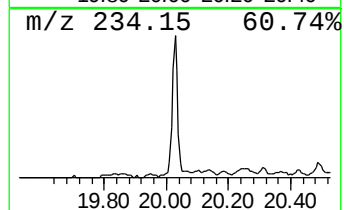
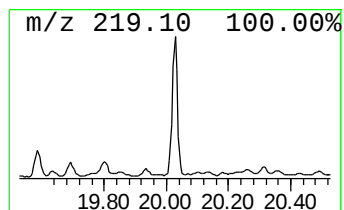
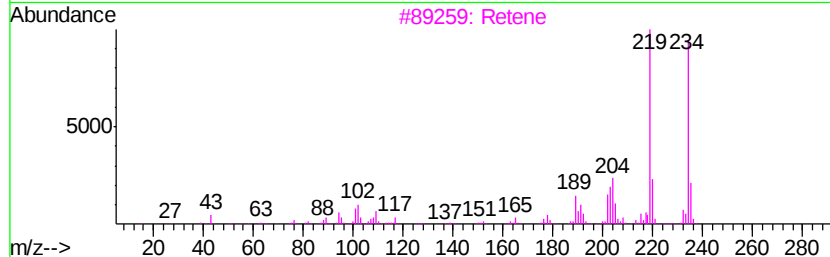
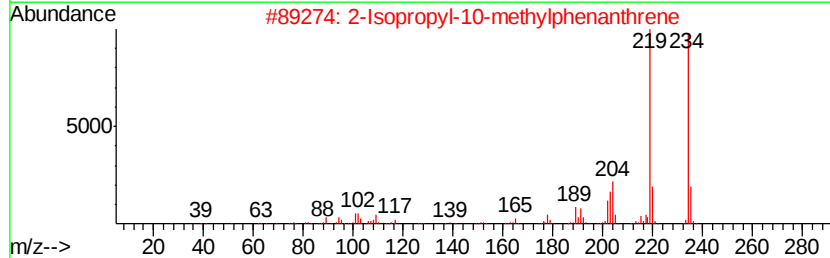
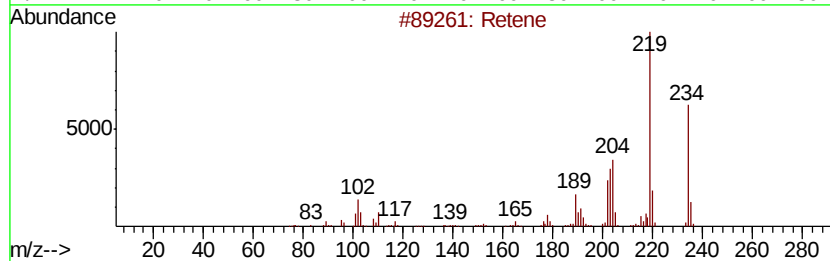
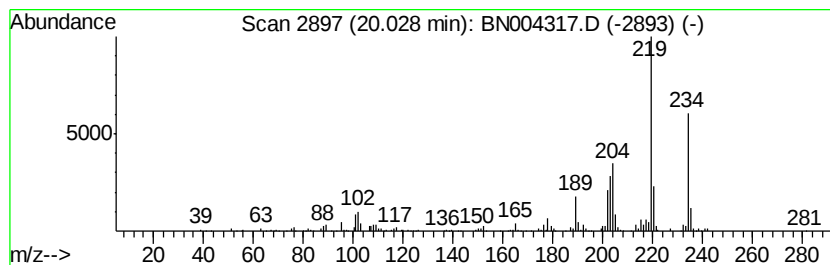
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Retene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.49 ng/ul	151064	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3		Retene	234	C18H18	000483-65-8	94
4		Retene	234	C18H18	000483-65-8	94
5		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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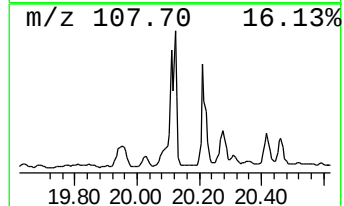
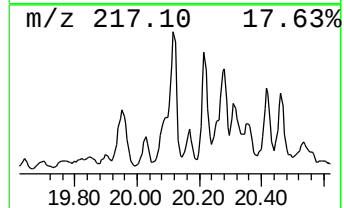
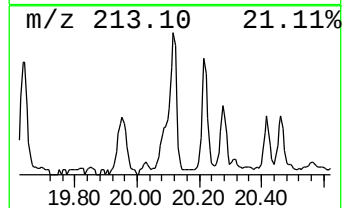
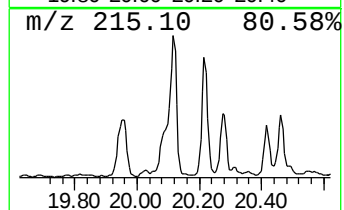
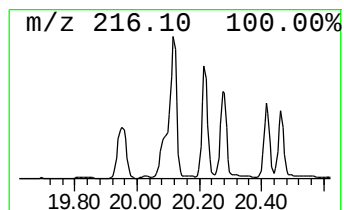
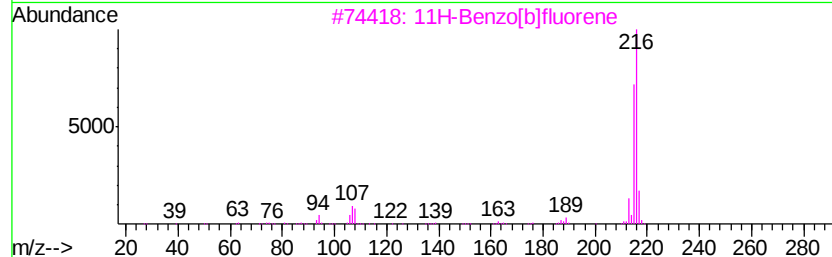
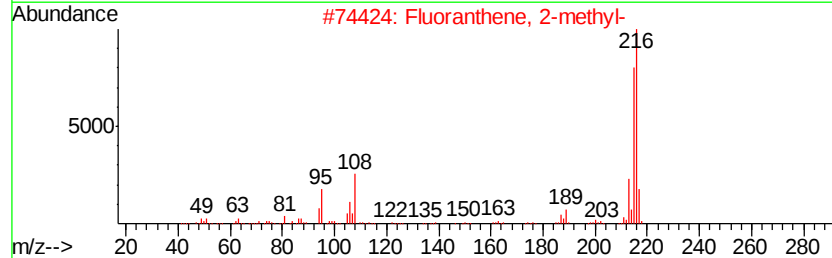
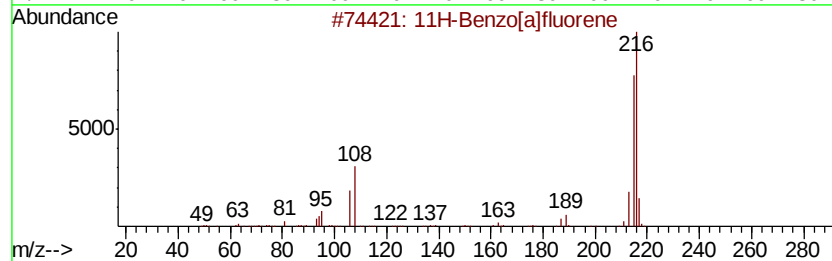
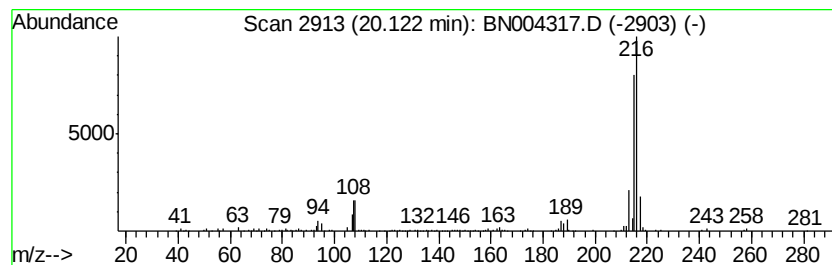
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	5.12 ng/ul	310341	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

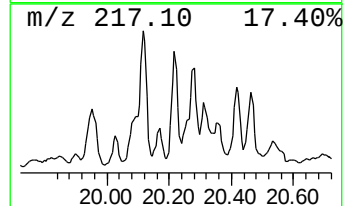
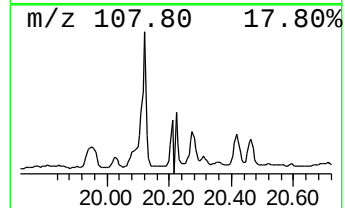
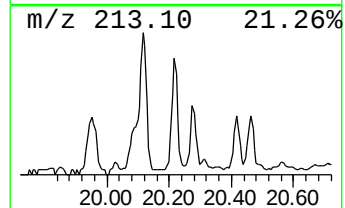
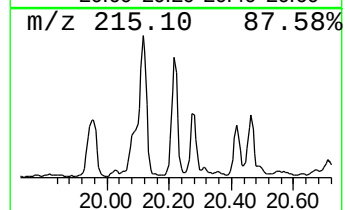
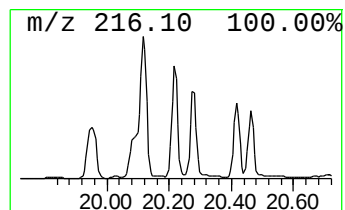
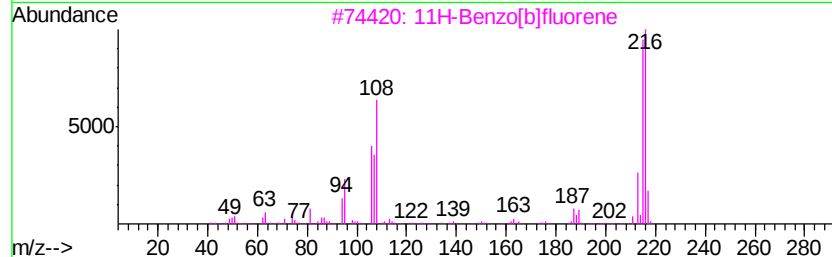
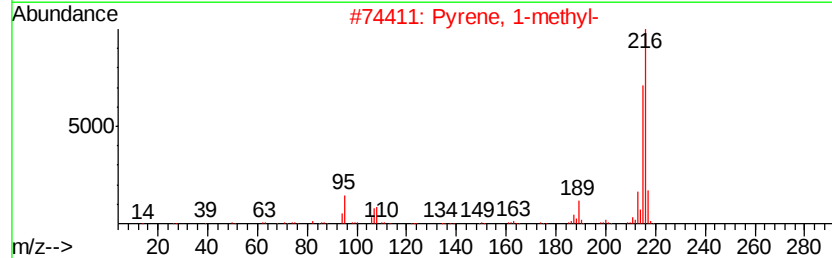
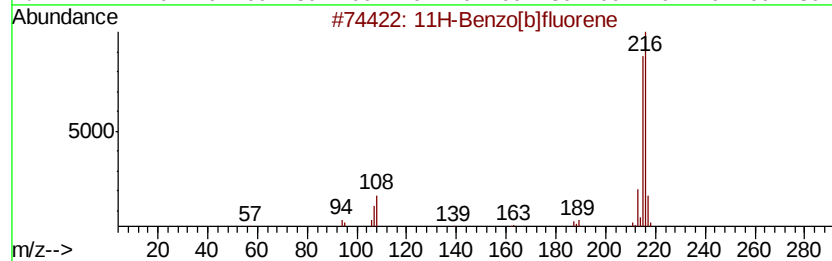
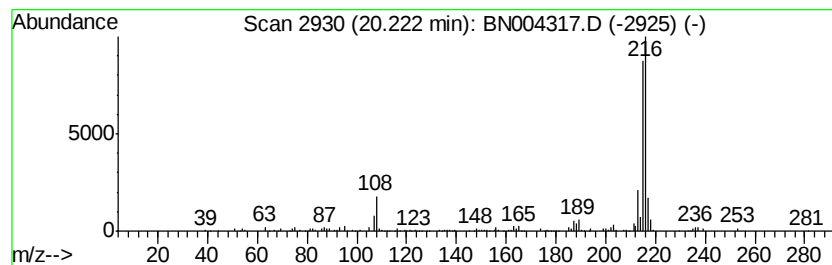
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.72 ng/ul	164931	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 81
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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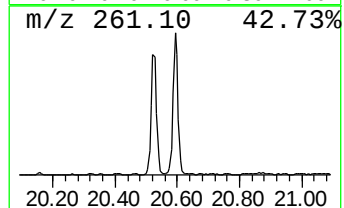
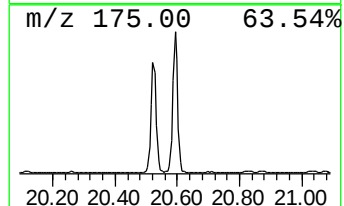
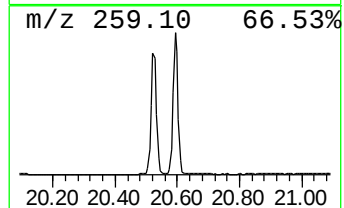
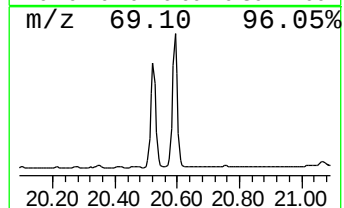
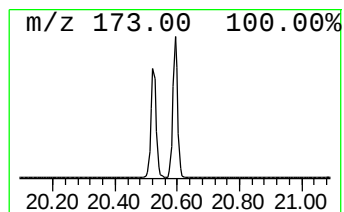
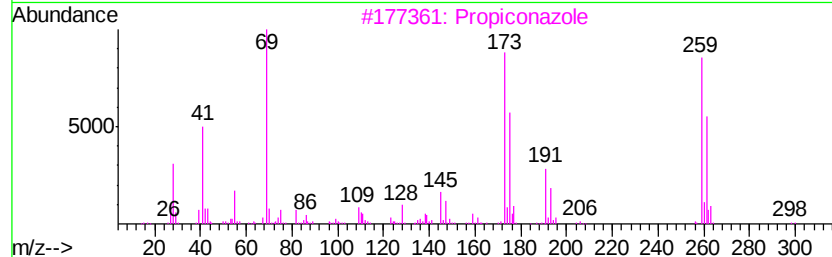
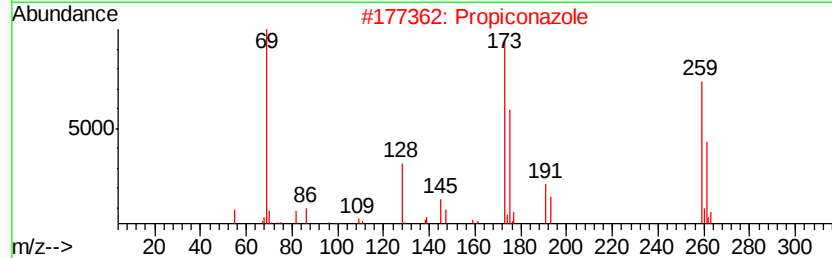
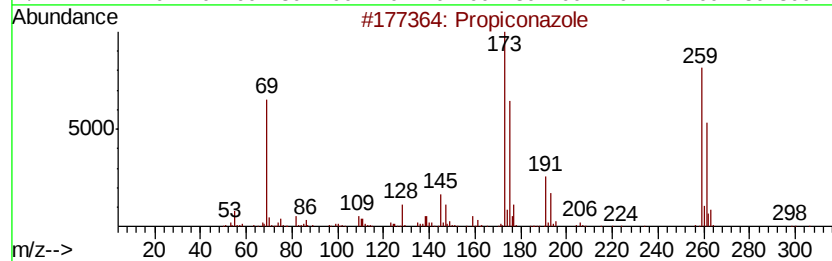
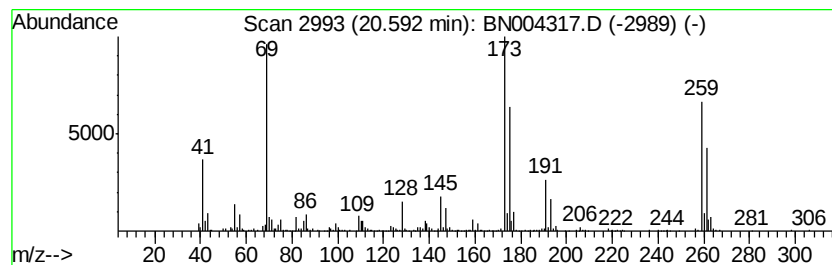
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Propiconazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	10.13 ng/ul	613897	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propiconazole	341	C15H17Cl2N3O2	060207-90-1	93
2		Propiconazole	341	C15H17Cl2N3O2	060207-90-1	91
3		Propiconazole	341	C15H17Cl2N3O2	060207-90-1	87
4		Benzenecarbothioic acid, 2,6-dic...	220	C8H6Cl2OS	068504-39-2	74
5		Propiconazole	341	C15H17Cl2N3O2	060207-90-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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Sample : J6441-10
Misc :
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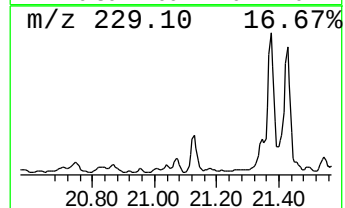
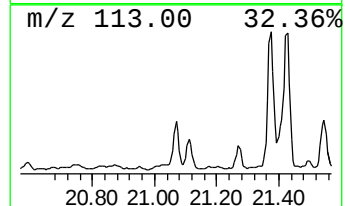
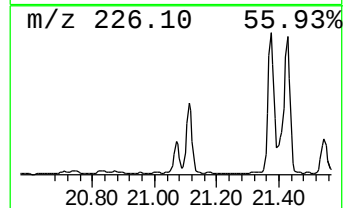
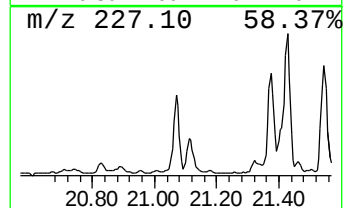
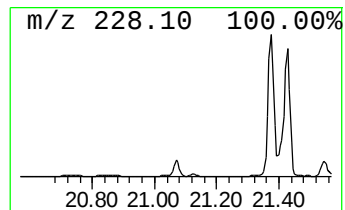
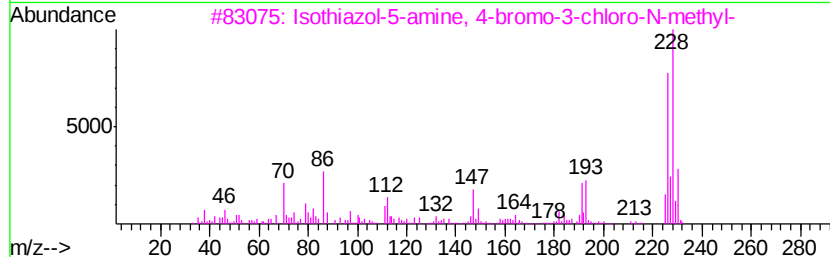
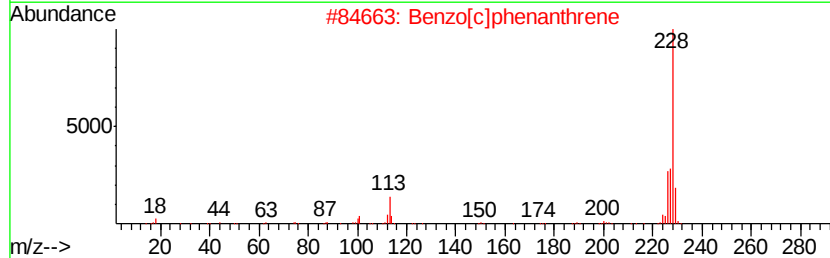
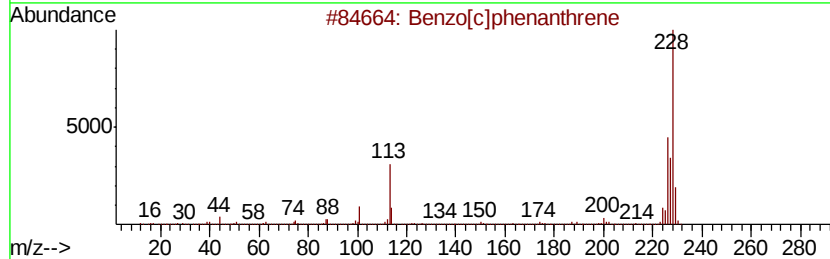
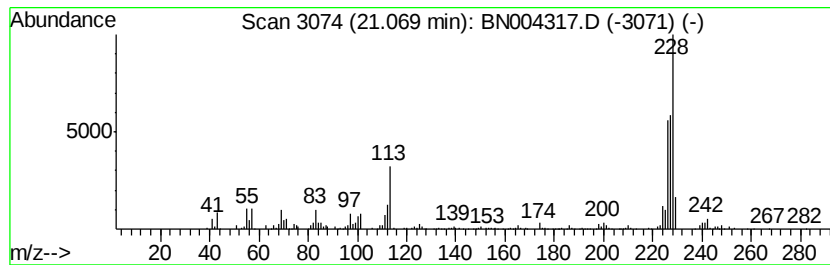
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[c]phenanthrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.43 ng/ul	147170	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[c]phenanthrene	228 C18H12	000195-19-7	60
2	Benzo[c]phenanthrene	228 C18H12	000195-19-7	58
3	Isothiazol-5-amine, 4-bromo-3-ch...	226 C4H4BrClN2S	1000272-59-9	58
4	Triphenylene	228 C18H12	000217-59-4	55
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228 C18H12	025732-74-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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ALS Vial : 5 Sample Multiplier: 1

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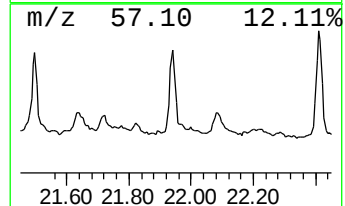
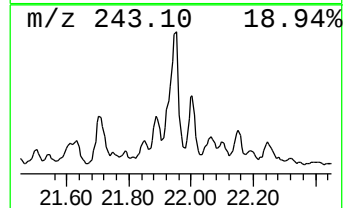
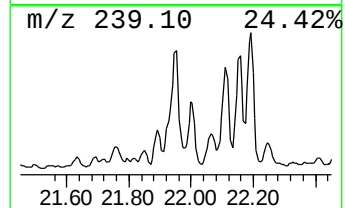
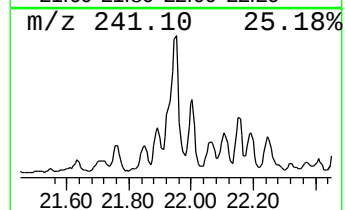
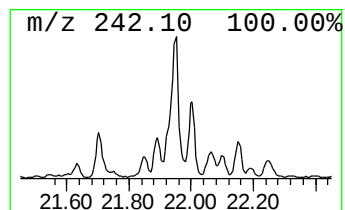
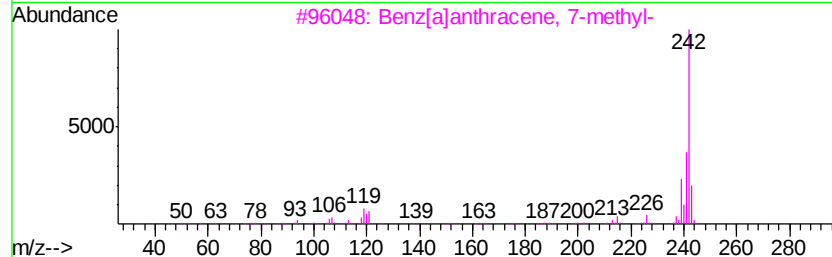
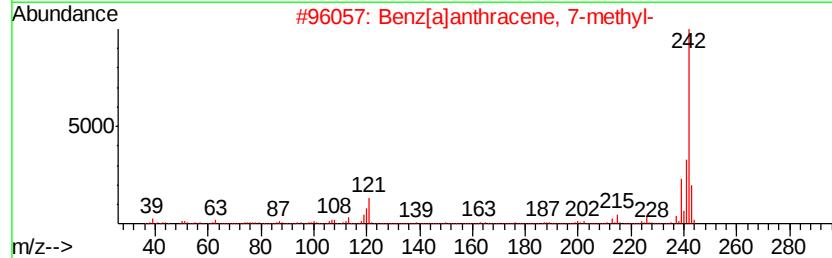
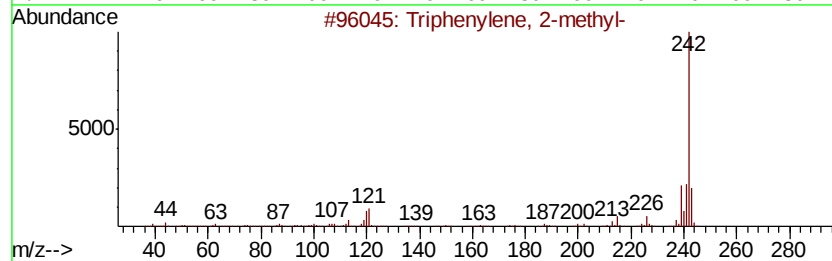
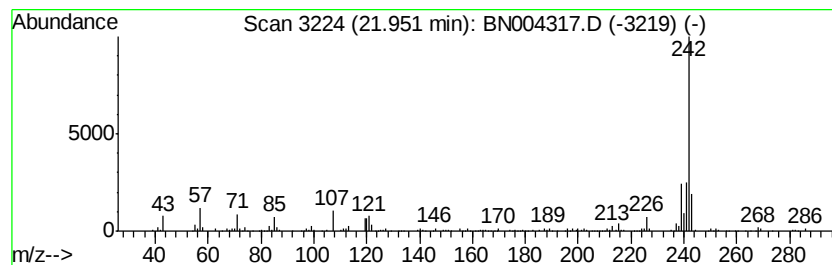
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Triphenylene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.73 ng/ul	165765	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
4		Chrysene, 5-methyl-	242	C19H14	003697-24-3	92
5		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
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ALS Vial : 5 Sample Multiplier: 1

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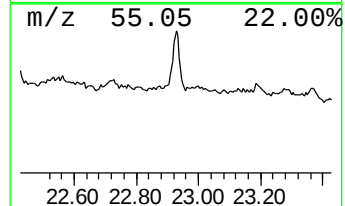
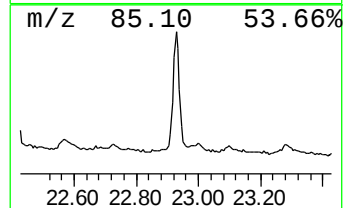
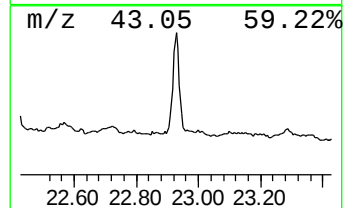
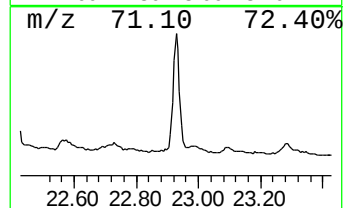
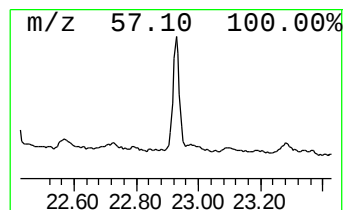
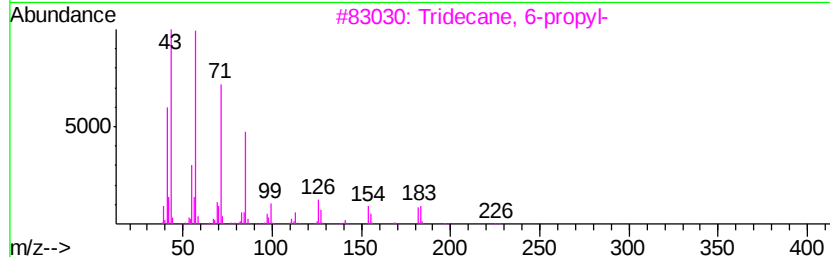
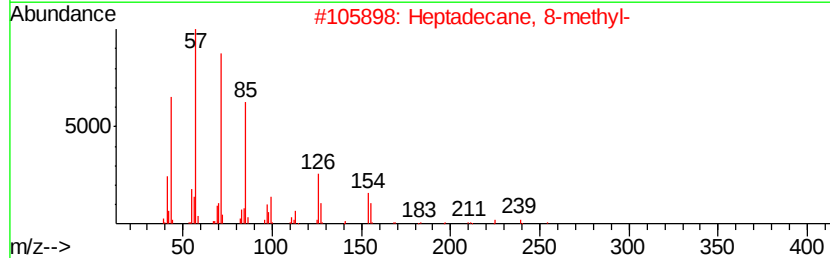
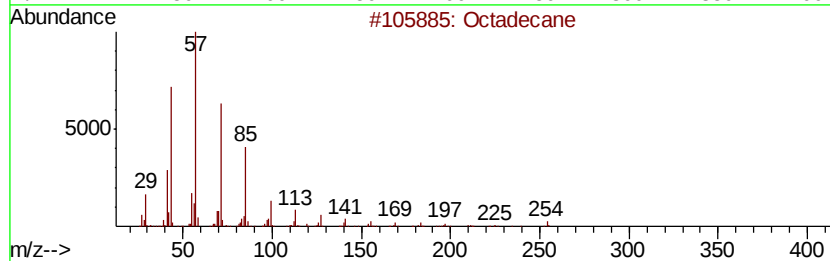
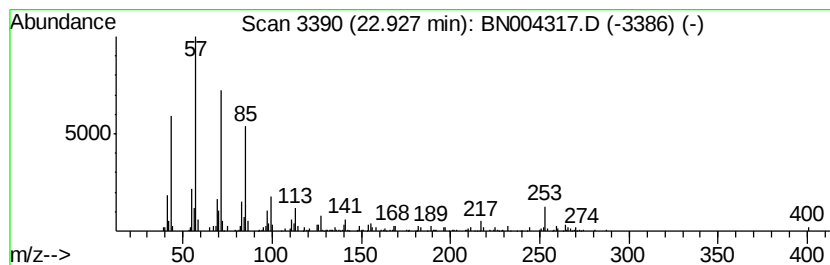
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	6.80 ng/ul	157305	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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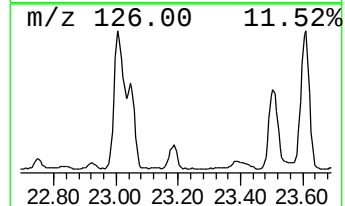
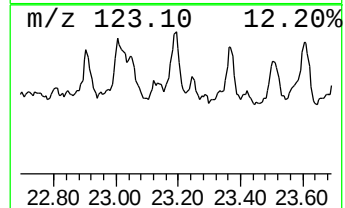
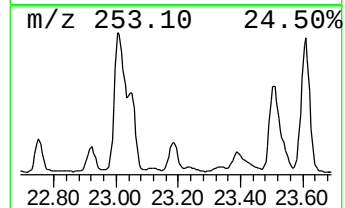
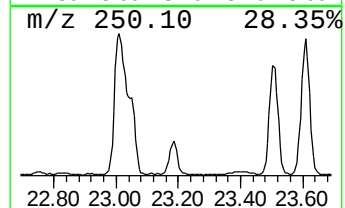
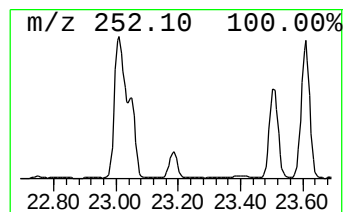
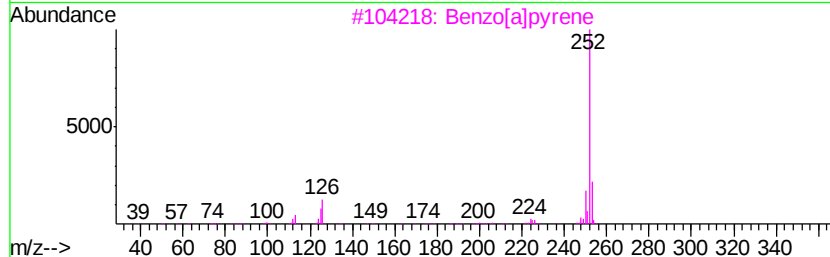
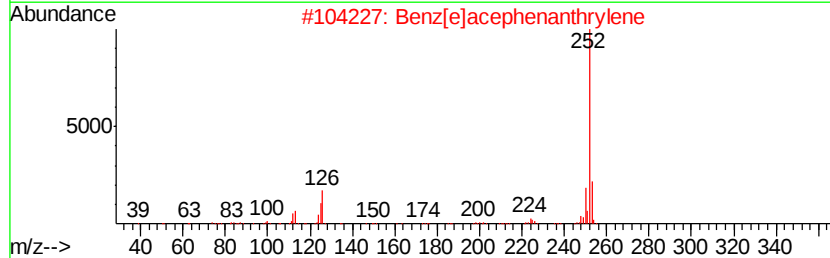
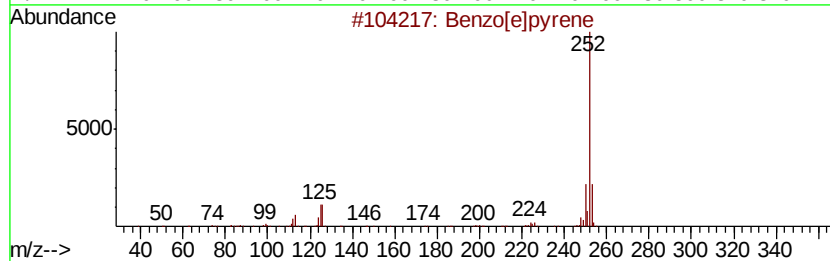
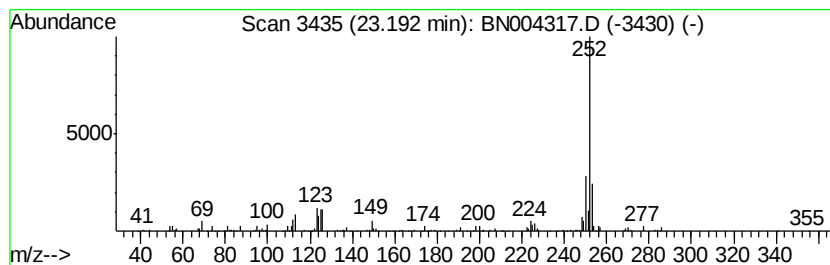
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	5.62 ng/ul	130085	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF023

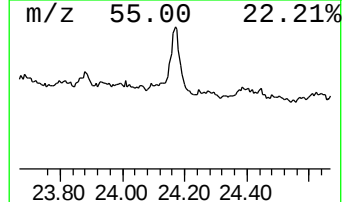
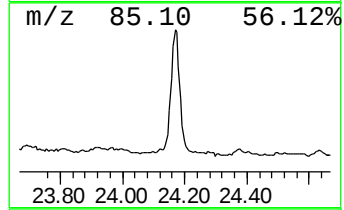
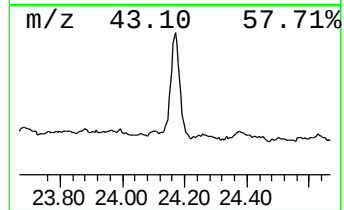
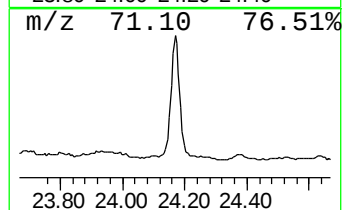
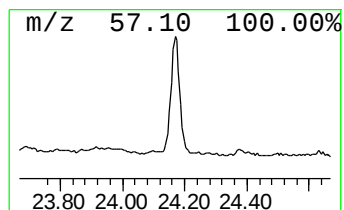
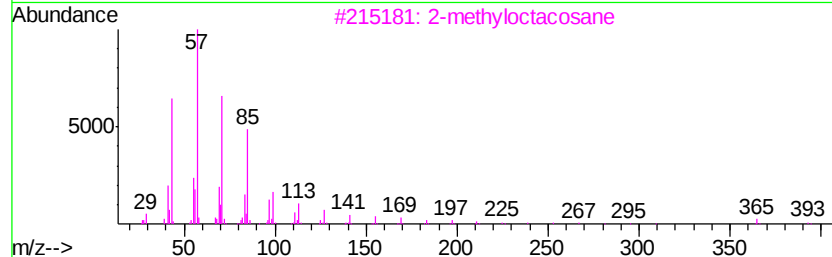
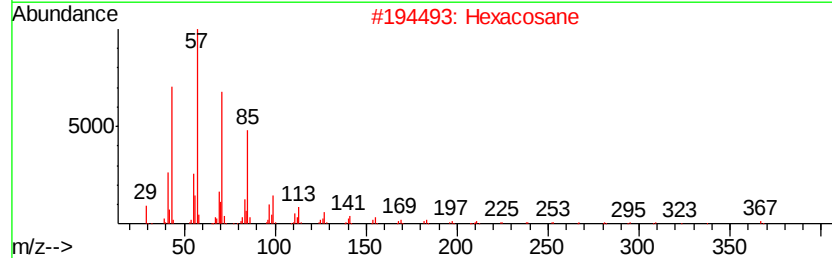
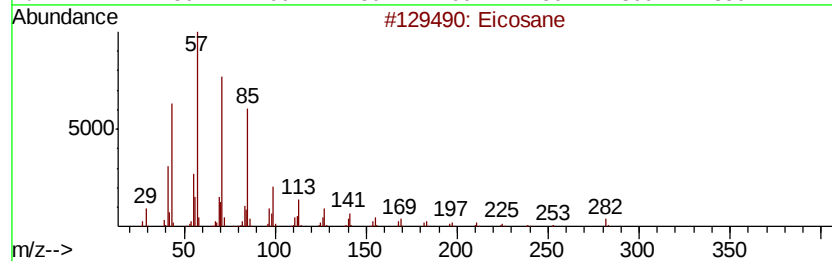
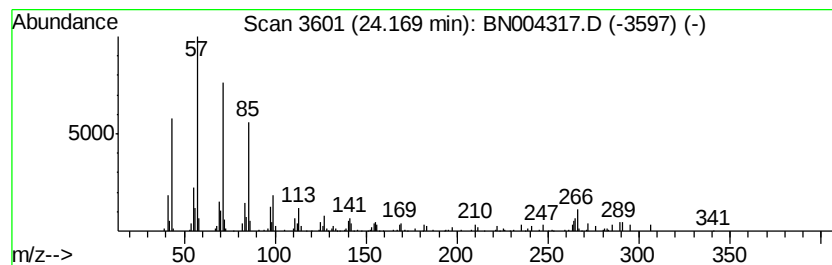
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	9.73 ng/ul	225264	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexacosane	366	C26H54	000630-01-3	70
3		2-methyloctacosane	408	C29H60	1000376-72-8	70
4		Heneicosane	296	C21H44	000629-94-7	70
5		triacontane	422	C30H62	000638-68-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004317.D
Acq On : 03 Jan 2019 14:33
Operator : JU/SJ
Sample : J6441-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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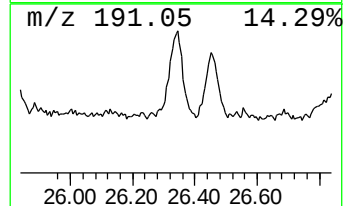
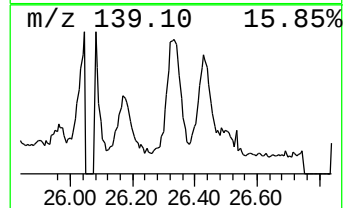
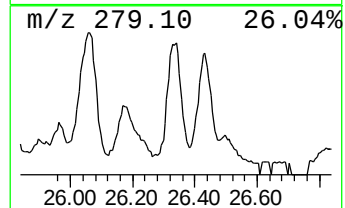
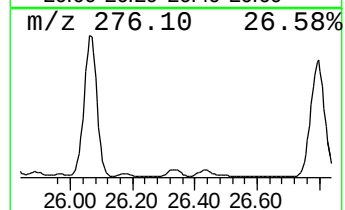
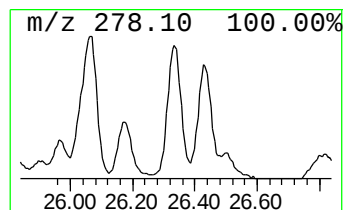
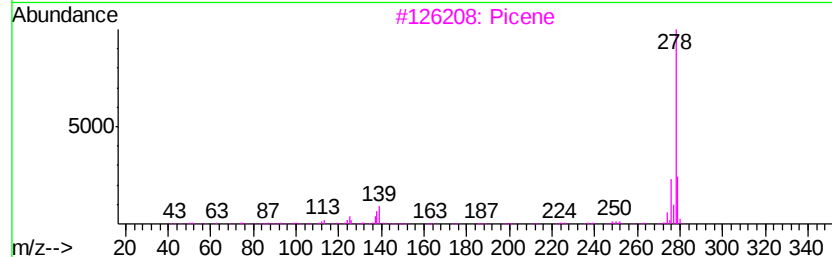
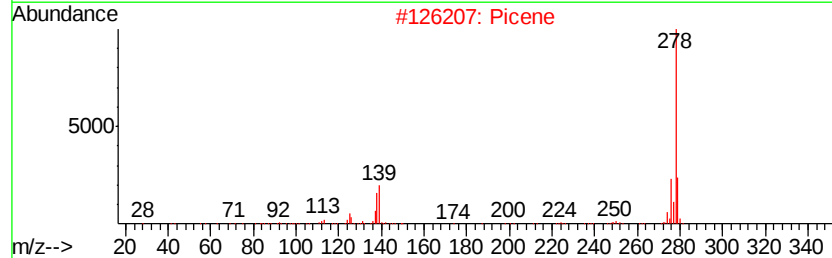
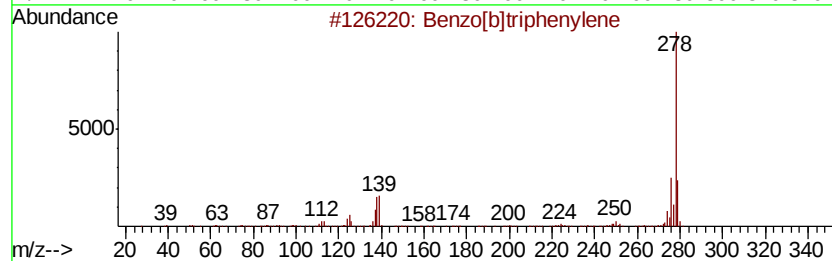
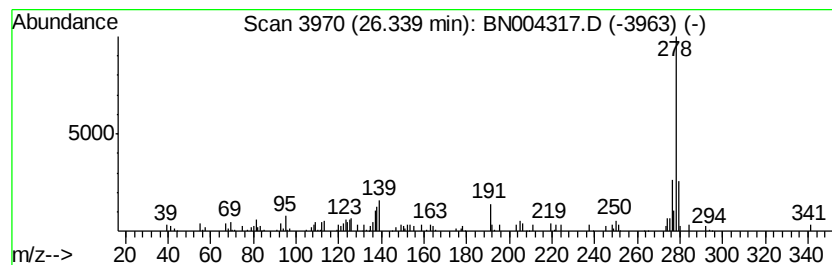
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.34	5.62 ng/ul	130201	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2		Picene	278	C22H14	000213-46-7	86
3		Picene	278	C22H14	000213-46-7	86
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	76
5		Benzo[b]chrysene	278	C22H14	000214-17-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
 Data File : BN004317.D
 Acq On : 03 Jan 2019 14:33
 Operator : JU/SJ
 Sample : J6441-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 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
Triethylamine	3.05	21.9	ng/ul	278507	1	7.81	254606	20.0
6-Methyl-2,4-pyri...	6.86	3.6	ng/ul	46383	1	7.81	254606	20.0
Benzene, 1-ethyl-...	6.88	2.7	ng/ul	34490	1	7.81	254606	20.0
Benzene, 1,2,3-tr...	7.45	4.7	ng/ul	60208	1	7.81	254606	20.0
2-Furancarboxylic...	10.98	2.0	ng/ul	39148	2	10.60	385836	20.0
(DEL) Alkane: Str...	16.15	2.5	ng/ul	66718	4	17.20	526216	20.0
Phenanthrene, 1-m...	18.07	6.0	ng/ul	158568	4	17.20	526216	20.0
Anthracene, 1-met...	18.20	3.0	ng/ul	80288	4	17.20	526216	20.0
4H-Cyclopenta[def...	18.27	11.3	ng/ul	296042	4	17.20	526216	20.0
1H-Indene, 1-phenyl-	18.30	3.1	ng/ul	82345	4	17.20	526216	20.0
Naphthalene, 2-ph...	18.57	3.1	ng/ul	81044	4	17.20	526216	20.0
Phenanthrene, 3,6...	18.81	3.3	ng/ul	87618	4	17.20	526216	20.0
Phenanthrene, 2,5...	18.99	7.0	ng/ul	183597	4	17.20	526216	20.0
unknown-01	19.06	2.1	ng/ul	56450	4	17.20	526216	20.0
Fluoranthene, 2-m...	19.96	2.5	ng/ul	152021	5	21.39	1212460	20.0
Retene	20.03	2.5	ng/ul	151064	5	21.39	1212460	20.0
11H-Benzo[a]fluorene	20.12	5.1	ng/ul	310341	5	21.39	1212460	20.0
11H-Benzo[b]fluorene	20.22	2.7	ng/ul	164931	5	21.39	1212460	20.0
Propiconazole	20.59	10.1	ng/ul	613897	5	21.39	1212460	20.0
Benzo[c]phenanthrene	21.07	2.4	ng/ul	147170	5	21.39	1212460	20.0
Triphenylene, 2-m...	21.95	2.7	ng/ul	165765	5	21.39	1212460	20.0
(DEL) Alkane: Str...	22.93	6.8	ng/ul	157305	6	23.71	462975	20.0
Benzo[e]pyrene	23.19	5.6	ng/ul	130085	6	23.71	462975	20.0
(DEL) Alkane: Str...	24.17	9.7	ng/ul	225264	6	23.71	462975	20.0
Benzo[b]triphenylene	26.34	5.6	ng/ul	130201	6	23.71	462975	20.0