

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014402.D
 Acq On : 28 Feb 2018 14:00
 Operator : SJ/JU
 Sample : J1646-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y3

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	3.099	16	19	23	rVB4	25990	35467	1.11%	0.067%
2	3.593	100	103	110	rBV3	42778	58465	1.82%	0.110%
3	3.905	152	156	159	rVB5	31420	37374	1.16%	0.070%
4	4.293	218	222	225	rBV3	22441	32903	1.03%	0.062%
5	4.675	283	287	289	rBV2	56421	76884	2.40%	0.145%
6	5.946	498	503	507	rBV5	26494	43786	1.36%	0.082%
7	6.722	629	635	650	rVB	418784	830889	25.90%	1.564%
8	6.869	652	660	666	rBV	340669	566917	17.67%	1.067%
9	7.057	686	692	701	rBV	528323	845148	26.34%	1.591%
10	7.516	764	770	780	rBV	430614	716672	22.34%	1.349%
11	8.245	887	894	908	rBV2	501283	944071	29.42%	1.777%
12	8.345	908	911	917	rVB8	16952	33381	1.04%	0.063%
13	8.675	959	967	981	rBV	480894	859612	26.79%	1.618%
14	9.392	1081	1089	1101	rBV2	430279	788942	24.59%	1.485%
15	9.934	1175	1181	1203	rBV	510162	1100333	34.29%	2.071%
16	10.286	1232	1241	1247	rBV	592042	1005428	31.34%	1.893%
17	10.339	1247	1250	1254	rVB2	32356	48745	1.52%	0.092%
18	10.451	1262	1269	1284	rBV	280576	687380	21.42%	1.294%
19	12.192	1558	1565	1573	rBV7	19361	41790	1.30%	0.079%
20	12.992	1692	1701	1704	rBV7	15162	33130	1.03%	0.062%
21	13.492	1779	1786	1791	rBV4	28172	49875	1.55%	0.094%
22	13.598	1798	1804	1809	rBV	1076000	1522728	47.46%	2.867%
23	13.645	1809	1812	1818	rVB	284786	414216	12.91%	0.780%
24	13.869	1843	1850	1863	rBV	1294483	2041914	63.64%	3.844%
25	14.080	1880	1886	1890	rBV	55987	79796	2.49%	0.150%
26	14.180	1895	1903	1909	rVV2	804965	1278731	39.85%	2.407%
27	14.239	1909	1913	1920	rVB3	50255	77790	2.42%	0.146%
28	14.404	1935	1941	1945	rBV8	16816	34932	1.09%	0.066%
29	14.457	1945	1950	1955	rVV3	161983	368293	11.48%	0.693%
30	14.504	1955	1958	1967	rVV2	187703	374000	11.66%	0.704%
31	14.586	1969	1972	1977	rVB2	47131	68042	2.12%	0.128%
32	14.980	2028	2039	2043	rBV2	15692	43209	1.35%	0.081%
33	15.039	2045	2049	2055	rVB4	76881	107167	3.34%	0.202%
34	15.180	2067	2073	2079	rBV	1507055	2132612	66.47%	4.015%

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 Title : SVOA CALIBRATION

35	15.239	2079	2083	2089	rVB	73678	125711	3.92%	0.237%
36	15.351	2095	2102	2108	rBV5	144068	281158	8.76%	0.529%
37	15.557	2130	2137	2142	rBV2	60219	125583	3.91%	0.236%
38	15.686	2155	2159	2164	rVB5	26655	51316	1.60%	0.097%
39	15.904	2190	2196	2205	rVB5	83820	164240	5.12%	0.309%
40	16.251	2247	2255	2259	rBV9	39308	85120	2.65%	0.160%
41	16.298	2259	2263	2268	rVB8	27483	44652	1.39%	0.084%
42	16.357	2268	2273	2277	rBV8	18441	37873	1.18%	0.071%
43	16.515	2296	2300	2303	rVB5	25997	39176	1.22%	0.074%
44	16.604	2311	2315	2319	rVB	68470	97808	3.05%	0.184%
45	16.698	2328	2331	2335	rVB6	42849	57013	1.78%	0.107%
46	16.757	2338	2341	2346	rBV	61970	92293	2.88%	0.174%
47	16.939	2366	2372	2376	rBV	1014979	1469753	45.81%	2.767%
48	16.980	2376	2379	2384	rVV	1149313	1504043	46.88%	2.831%
49	17.039	2384	2389	2393	rVV	1642064	2350453	73.26%	4.425%
50	17.074	2393	2395	2401	rVB	297847	333868	10.41%	0.628%
51	17.145	2401	2407	2411	rBV9	25354	53539	1.67%	0.101%
52	17.363	2436	2444	2450	rBV2	106426	232910	7.26%	0.438%
53	17.521	2469	2471	2479	rVB7	46798	93992	2.93%	0.177%
54	17.657	2492	2494	2499	rVB5	27716	33116	1.03%	0.062%
55	17.745	2506	2509	2513	rVB6	25112	37696	1.17%	0.071%
56	17.815	2516	2521	2523	rVV	192425	266238	8.30%	0.501%
57	17.851	2523	2527	2535	rVV2	409494	912769	28.45%	1.718%
58	17.915	2535	2538	2540	rVV2	61855	91737	2.86%	0.173%
59	17.945	2540	2543	2548	rVV2	101782	159434	4.97%	0.300%
60	18.010	2549	2554	2558	rVV3	296783	522445	16.28%	0.983%
61	18.045	2558	2560	2569	rVB	162527	236352	7.37%	0.445%
62	18.133	2572	2575	2578	rBV5	39353	51837	1.62%	0.098%
63	18.321	2604	2607	2612	rVB	120301	159552	4.97%	0.300%
64	18.380	2613	2617	2624	rVB2	126990	207573	6.47%	0.391%
65	18.621	2655	2658	2661	rBV	59412	70291	2.19%	0.132%
66	18.745	2675	2679	2683	rBV2	164778	229667	7.16%	0.432%
67	18.898	2699	2705	2709	rBV4	156077	282716	8.81%	0.532%
68	19.009	2718	2724	2730	rBV	2154352	2931157	91.35%	5.518%
69	19.139	2744	2746	2749	rBV4	90906	105040	3.27%	0.198%
70	19.351	2776	2782	2784	rBV2	2050334	2819297	87.87%	5.307%
71	19.380	2784	2787	2796	rVV	2002553	2598493	80.99%	4.892%

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72	19.456	2797	2800	2802	rVV3	121912	151034	4.71%	0.284%
73	19.486	2802	2805	2810	rVB	422933	524207	16.34%	0.987%
74	19.709	2838	2843	2849	rBV3	156220	412199	12.85%	0.776%
75	19.986	2886	2890	2891	rBV2	124076	155611	4.85%	0.293%
76	20.039	2897	2899	2903	rVB2	242312	306332	9.55%	0.577%
77	20.180	2920	2923	2926	rBV	151305	171644	5.35%	0.323%
78	20.439	2964	2967	2971	rBV3	270254	354485	11.05%	0.667%
79	20.639	2998	3001	3006	rVB	283678	347981	10.85%	0.655%
80	20.798	3025	3028	3031	rBV2	196957	200260	6.24%	0.377%
81	20.868	3037	3040	3046	rVV3	659648	815579	25.42%	1.535%
82	20.939	3049	3052	3056	rVB	318770	383823	11.96%	0.723%
83	21.145	3082	3087	3092	rBV2	1581557	3208556	100.00%	6.040%
84	21.192	3092	3095	3098	rVB	1001802	1104657	34.43%	2.079%
85	21.674	3173	3177	3184	rBV2	1269359	1907435	59.45%	3.591%
86	21.774	3191	3194	3198	rVB	622066	742779	23.15%	1.398%
87	21.880	3210	3212	3217	rVB2	489824	613465	19.12%	1.155%
88	22.692	3345	3350	3360	rVB	999303	2781752	86.70%	5.237%
89	23.197	3432	3436	3440	rBV2	1097255	1661879	51.80%	3.128%
90	23.333	3455	3459	3463	rVB	622529	941250	29.34%	1.772%

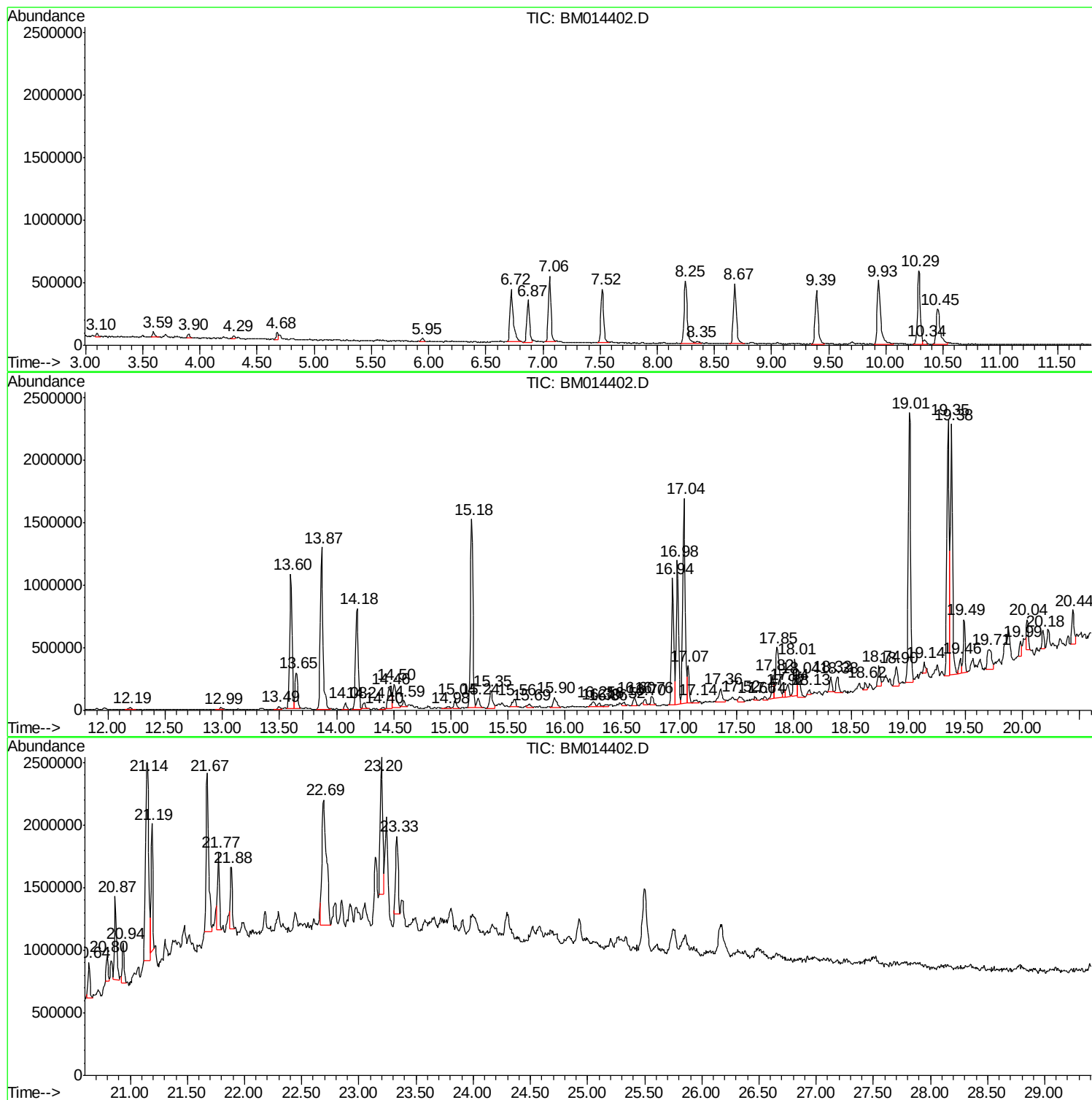
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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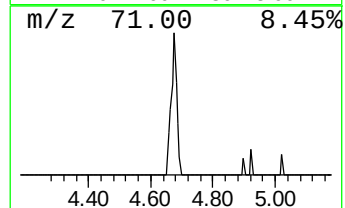
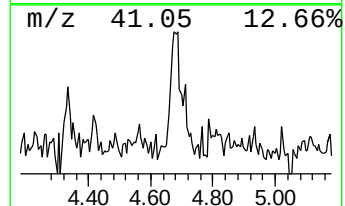
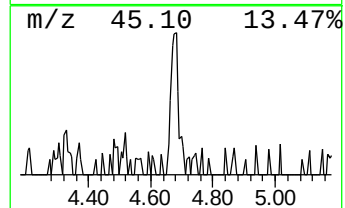
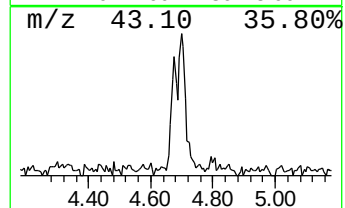
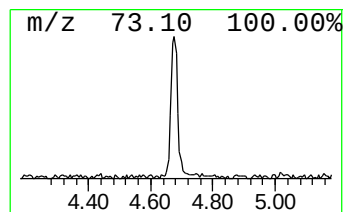
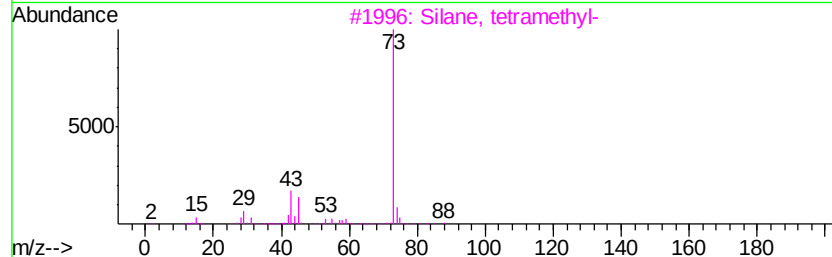
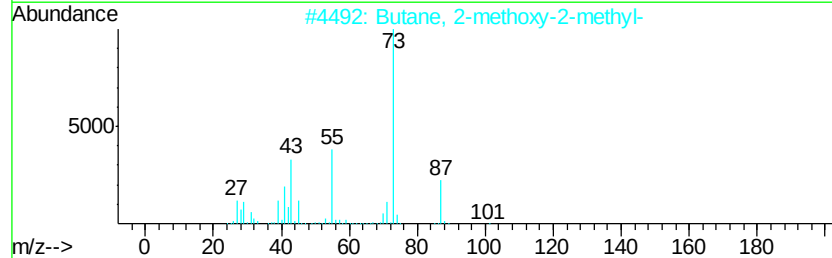
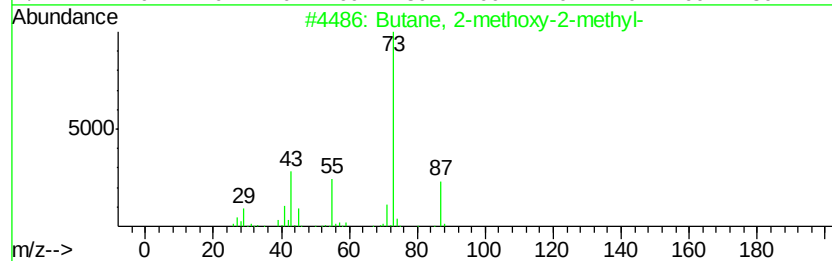
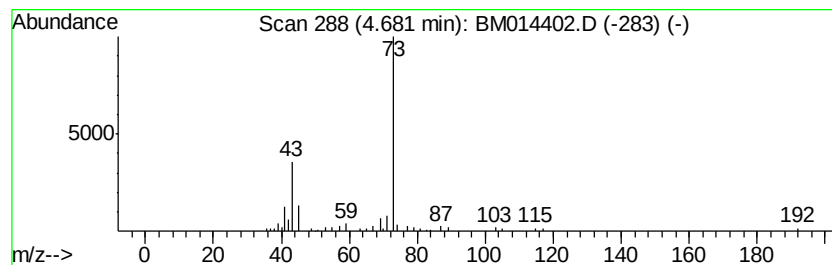
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.15 ng/ul	76884	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	32



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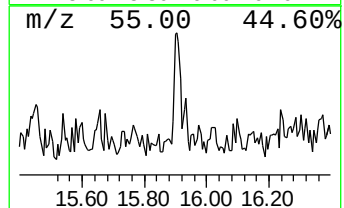
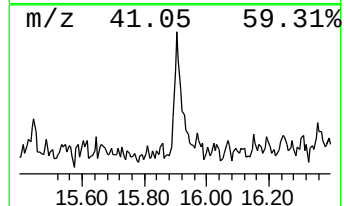
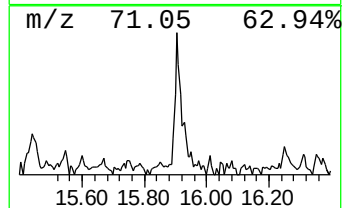
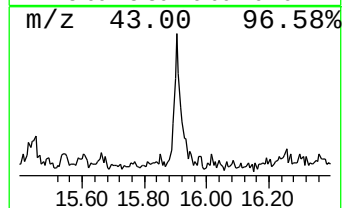
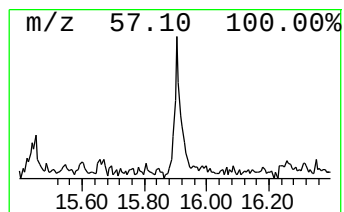
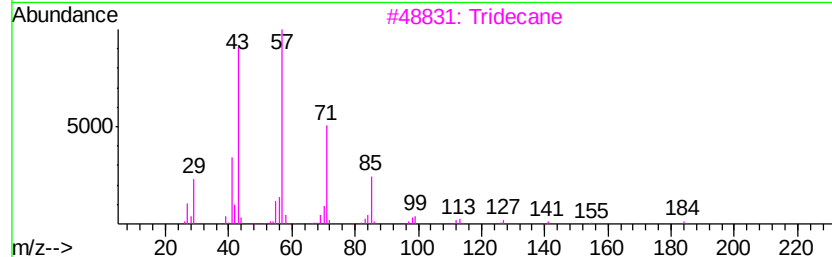
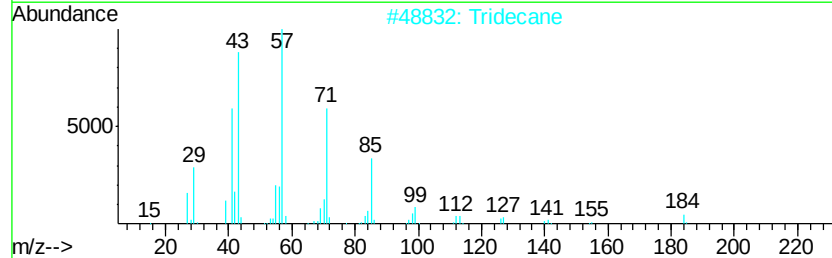
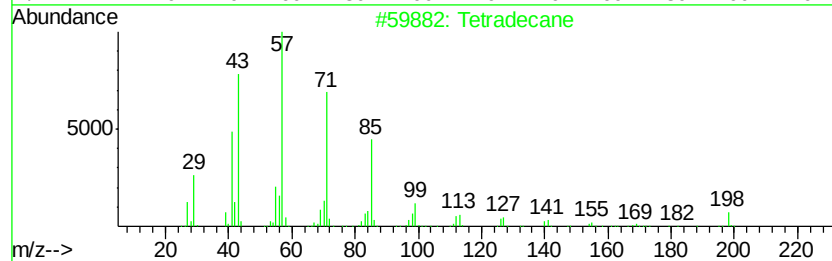
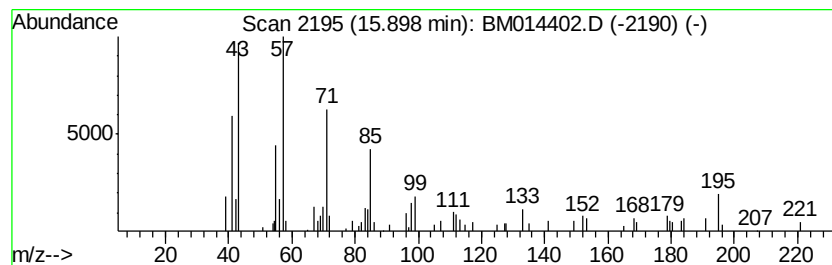
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.23 ng/ul	164240	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	87
3		Tridecane	184	C13H28	000629-50-5	87
4		Tridecane	184	C13H28	000629-50-5	87
5		Tetradecane	198	C14H30	000629-59-4	87



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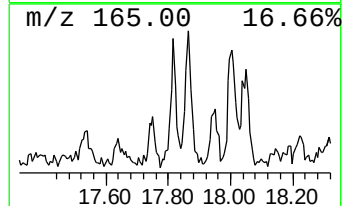
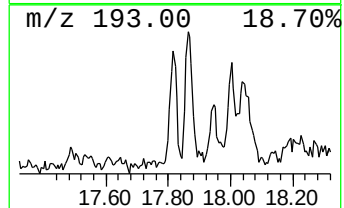
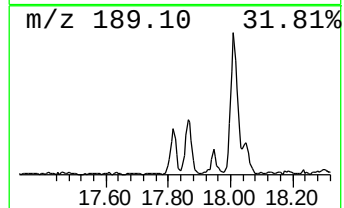
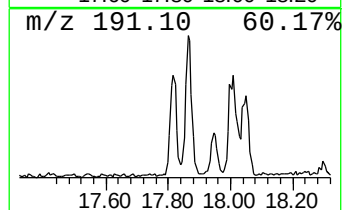
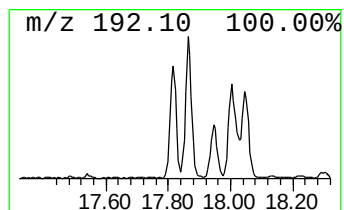
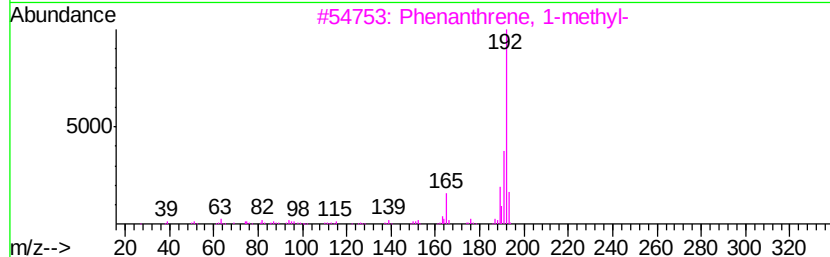
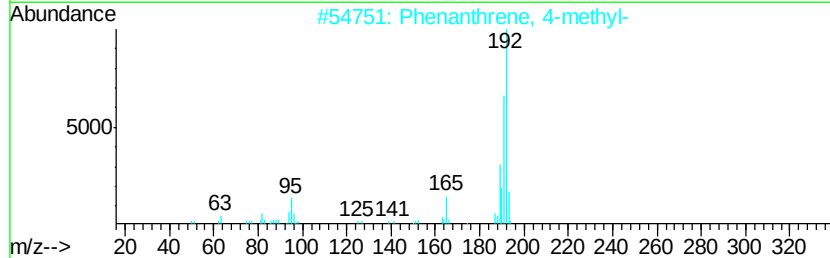
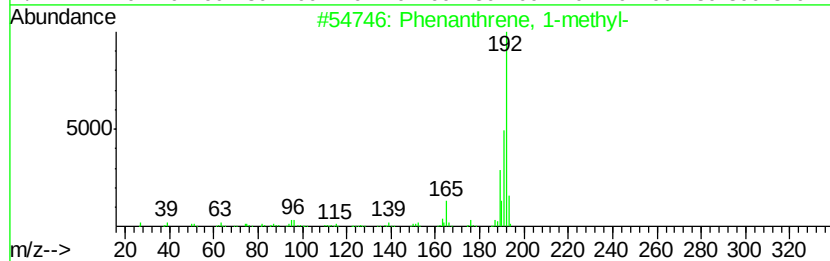
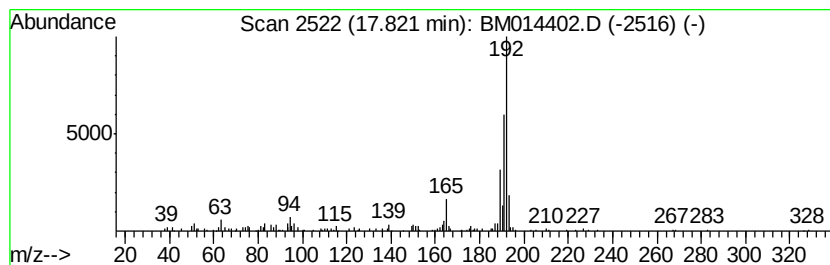
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.82	3.62 ng/ul	266238	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



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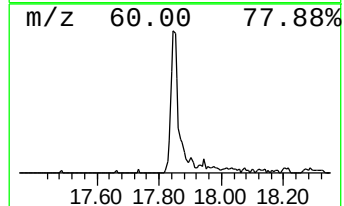
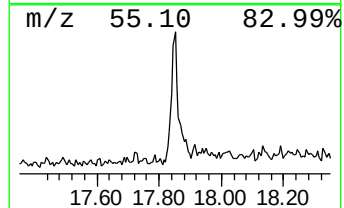
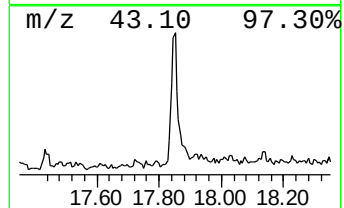
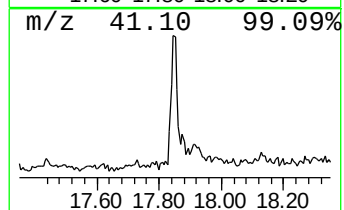
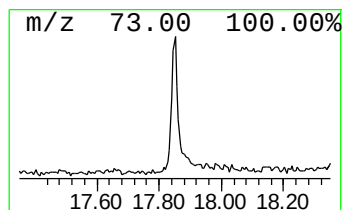
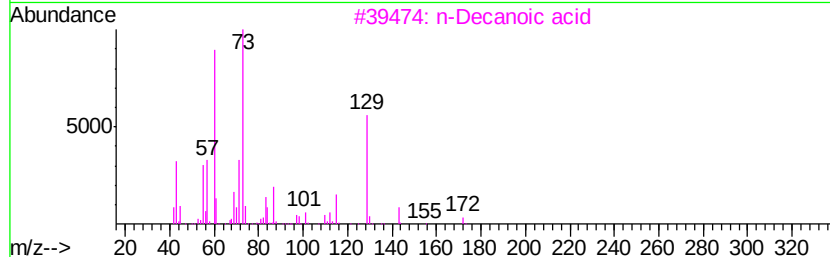
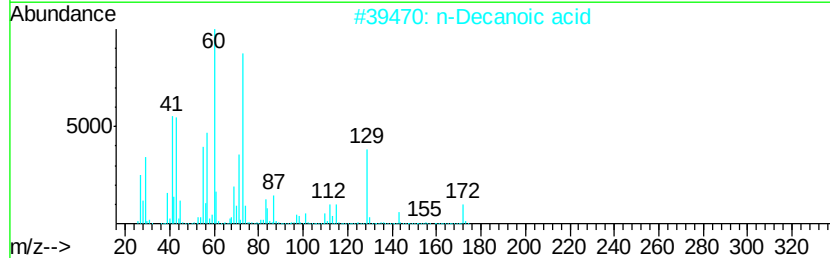
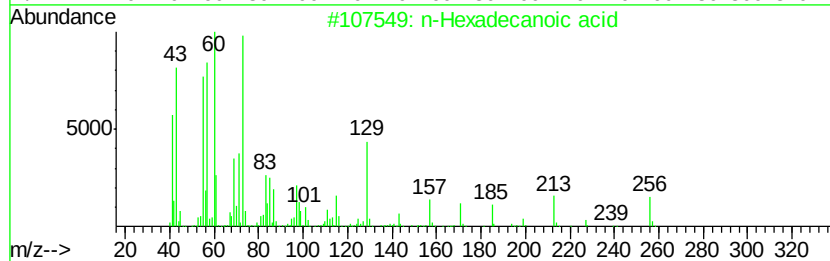
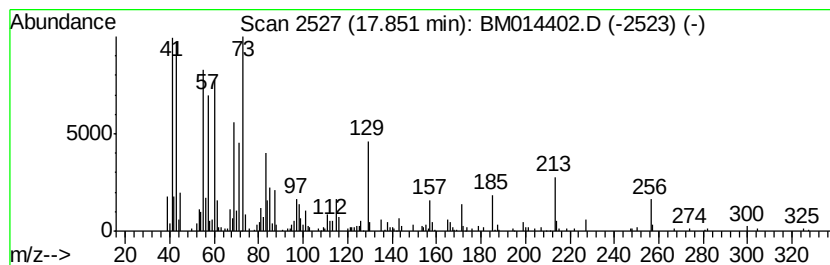
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	12.42 ng/ul	912769	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		n-Decanoic acid	172	C10H20O2	000334-48-5	64
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Tridecanoic acid	214	C13H26O2	000638-53-9	60
5		Tridecanoic acid	214	C13H26O2	000638-53-9	60



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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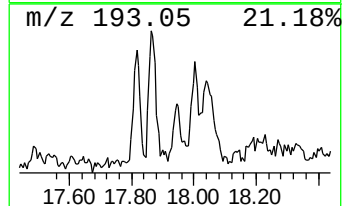
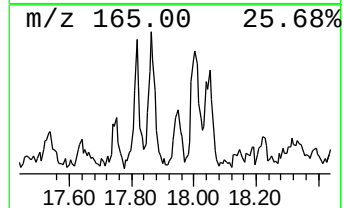
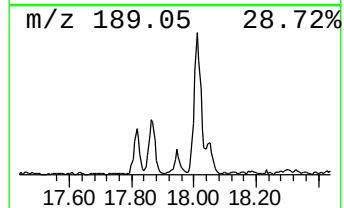
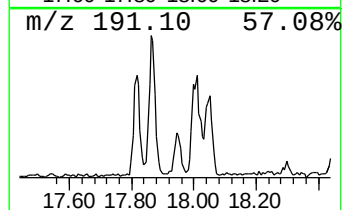
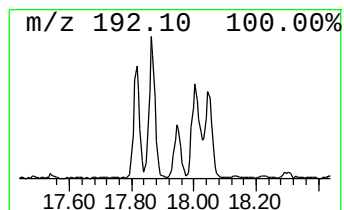
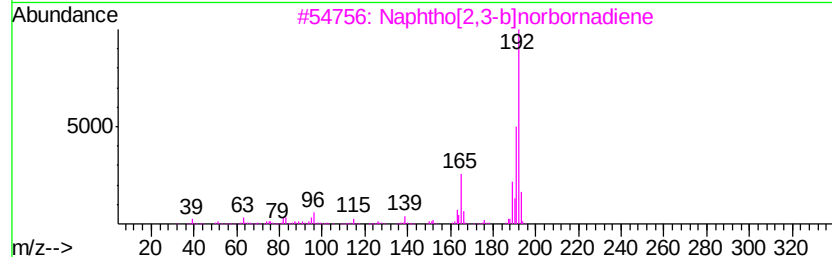
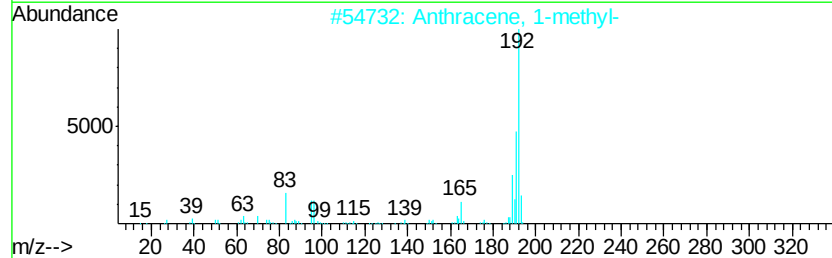
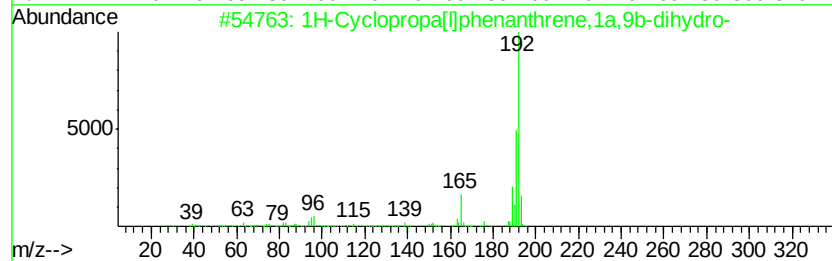
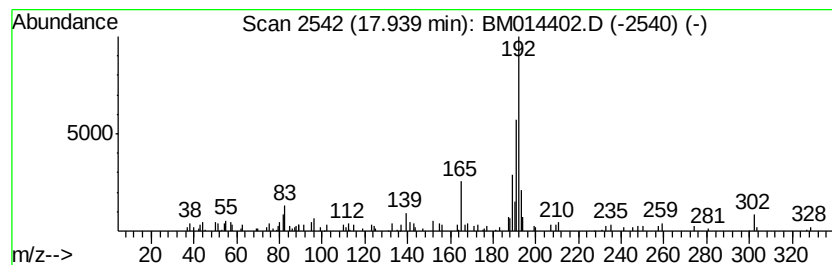
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.17 ng/ul	159434	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

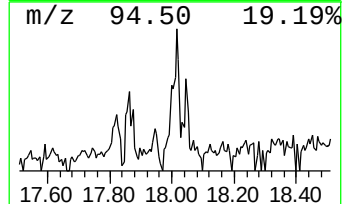
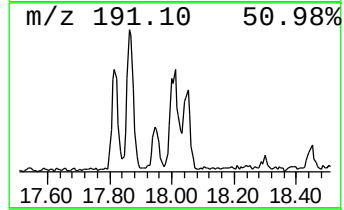
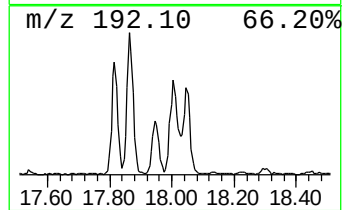
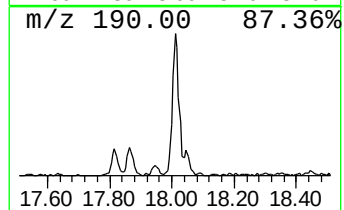
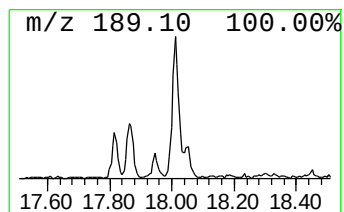
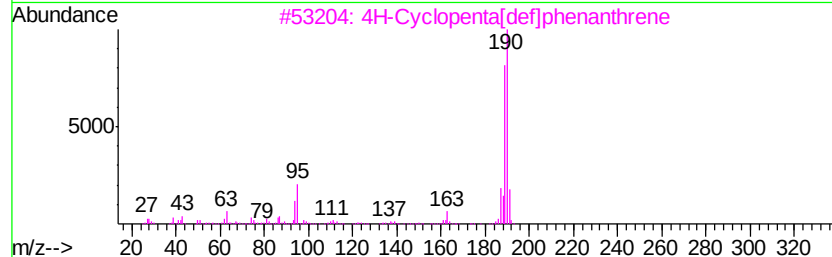
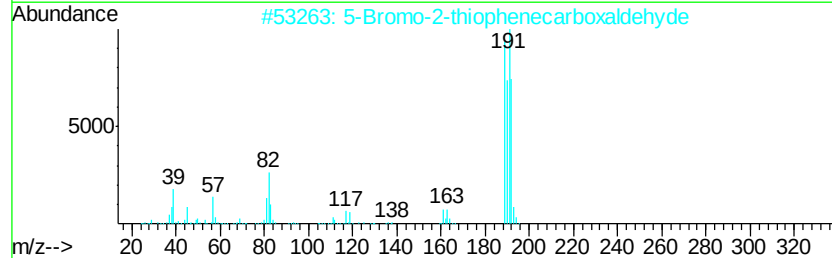
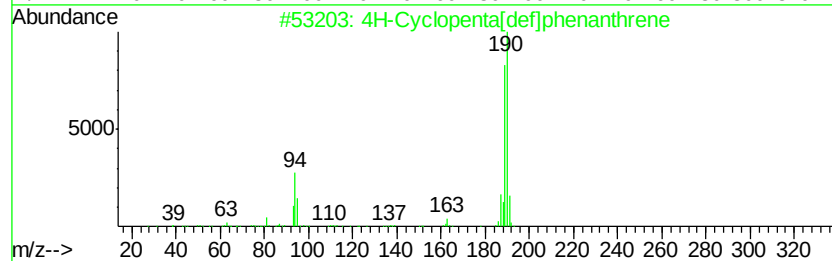
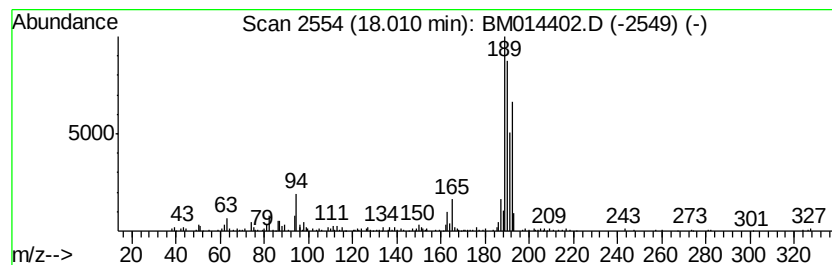
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.01	7.11 ng/ul	522445	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
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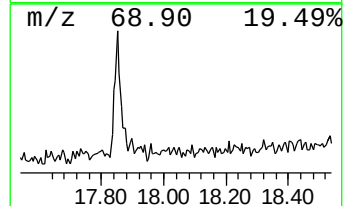
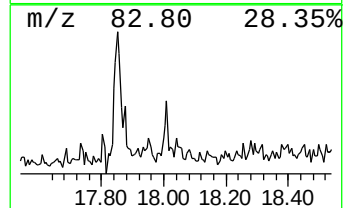
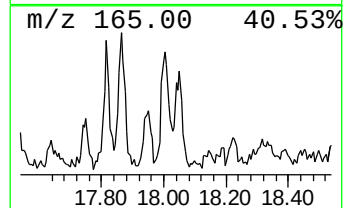
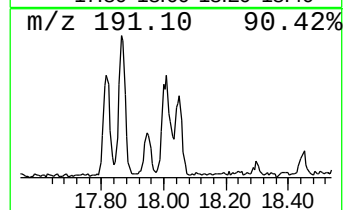
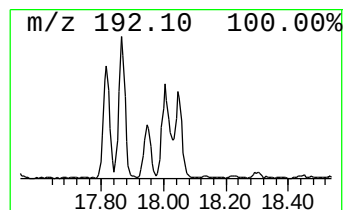
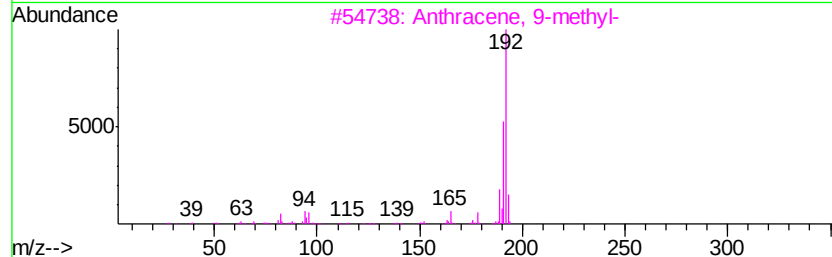
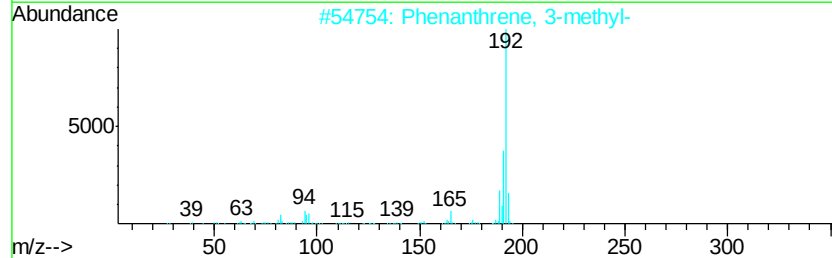
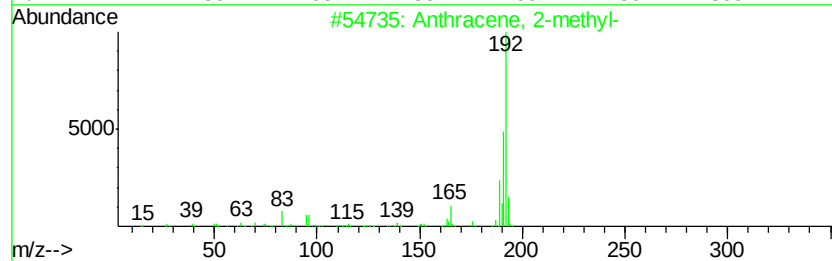
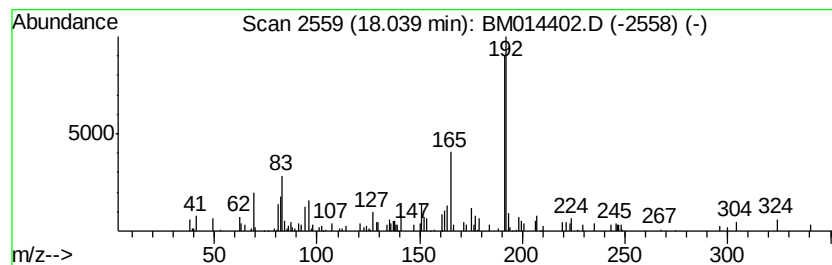
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	3.22 ng/ul	236352	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Operator : SJ/JU
Sample : J1646-19
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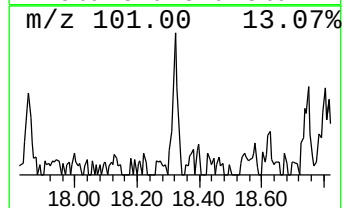
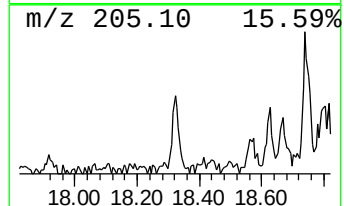
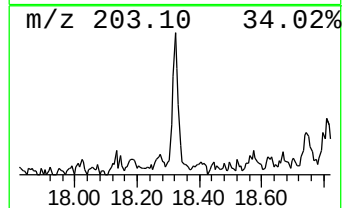
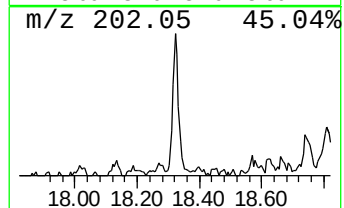
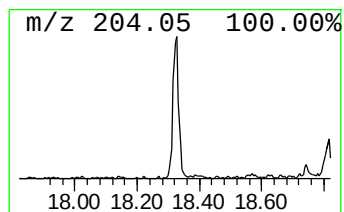
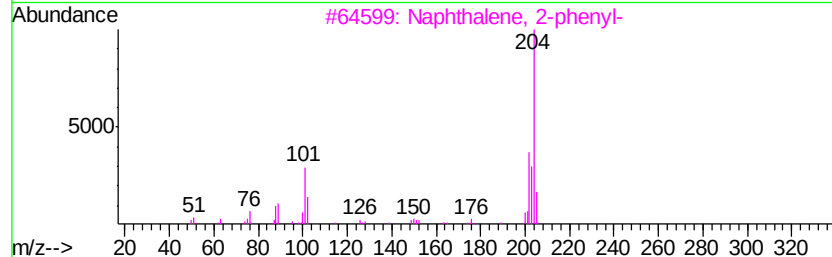
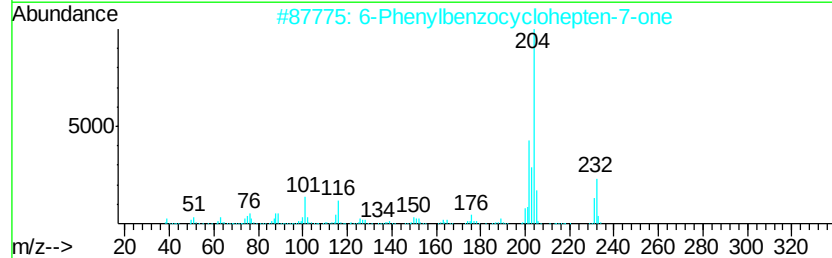
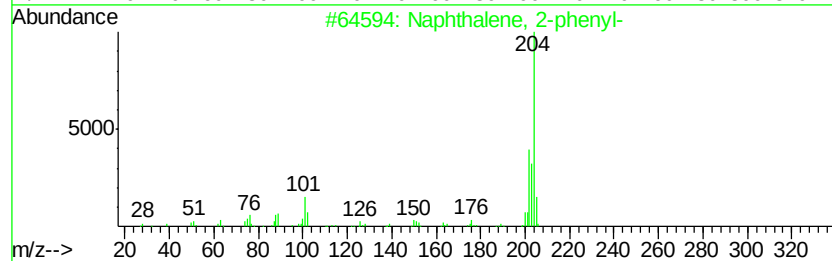
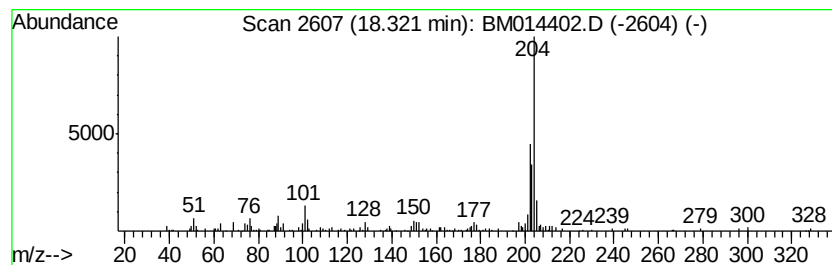
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.32	2.17 ng/ul	159552	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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Sample : J1646-19
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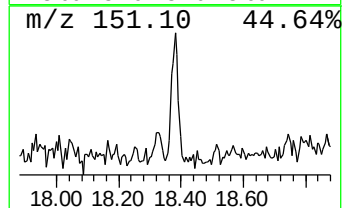
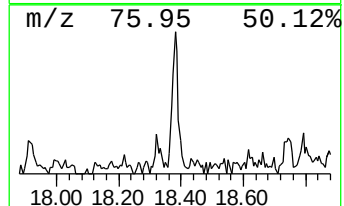
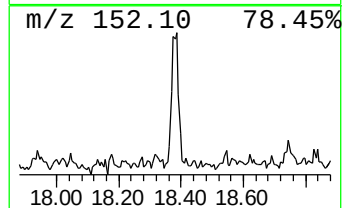
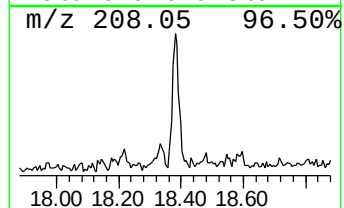
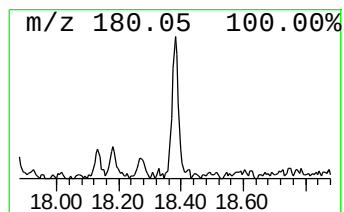
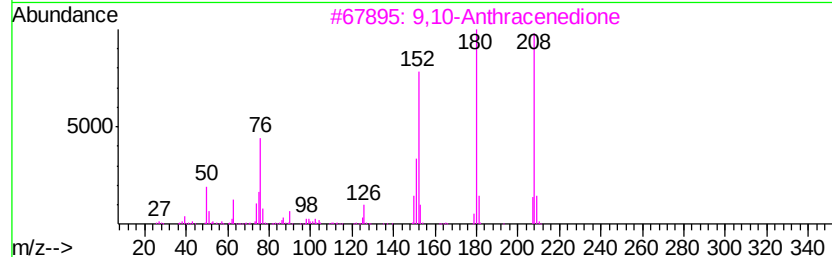
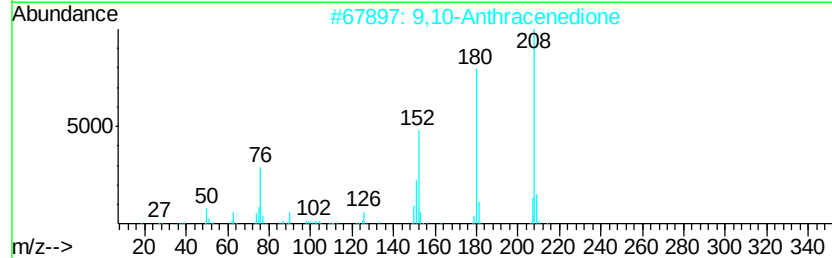
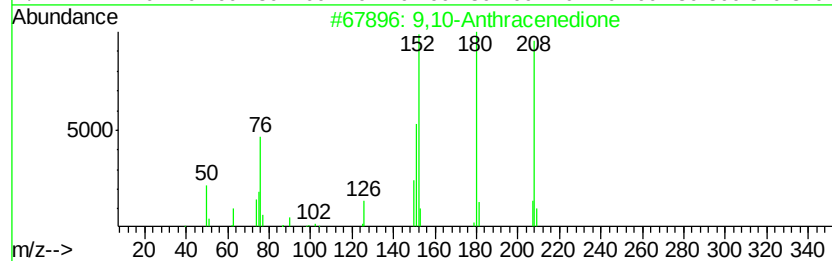
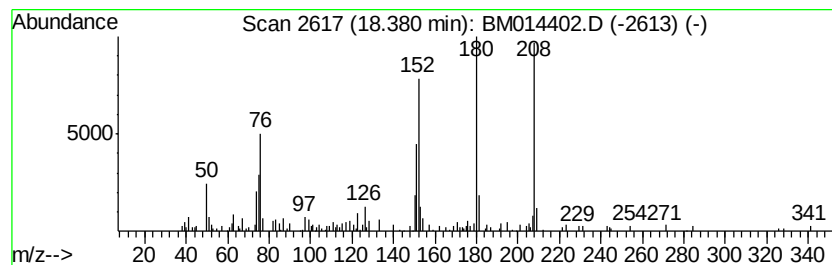
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.38	2.82 ng/ul	207573	Phenanthrene-d10		16.94		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	91
4	1H-Phenalen-1-one			180	C13H8O	000548-39-0	64
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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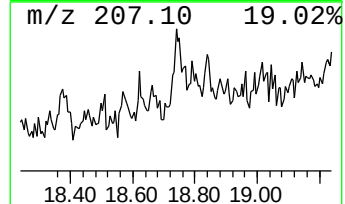
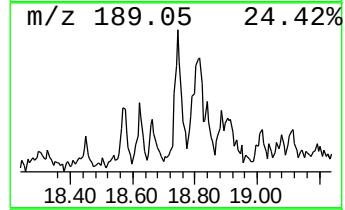
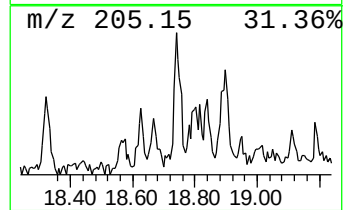
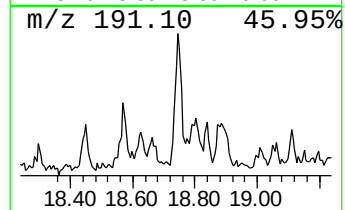
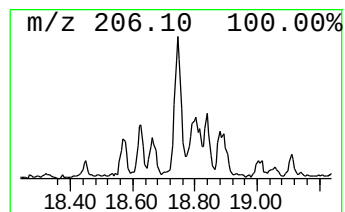
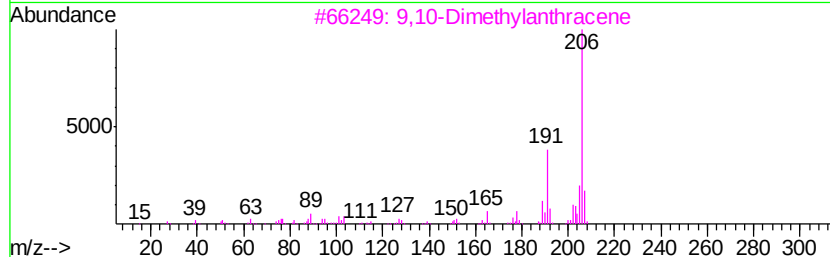
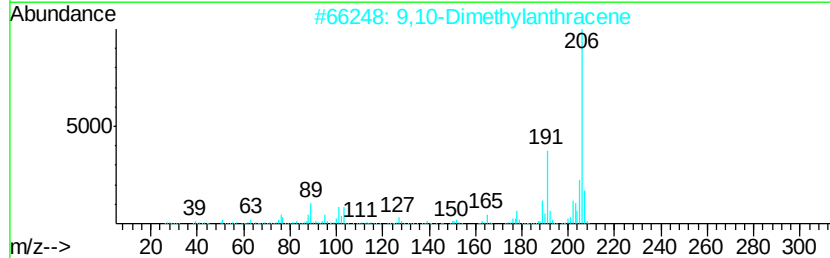
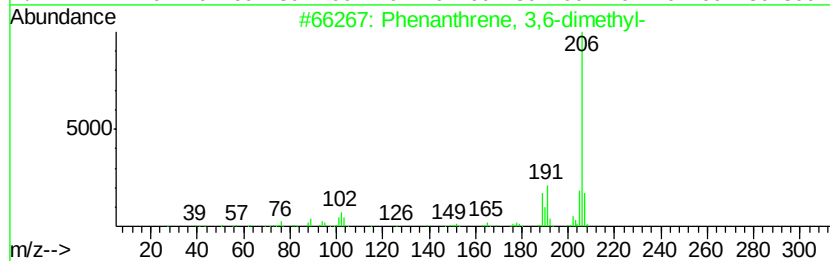
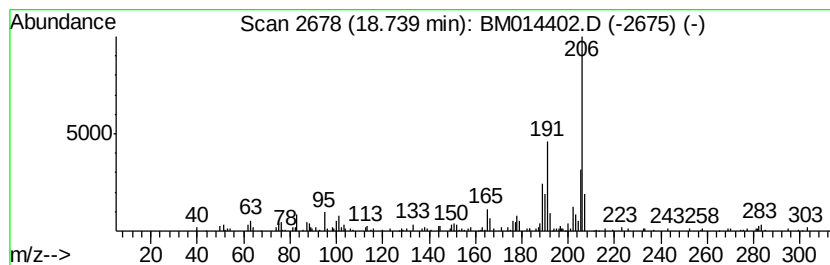
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.74	3.13 ng/ul	229667	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
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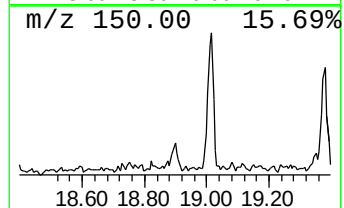
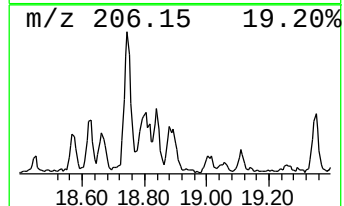
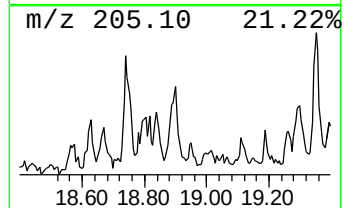
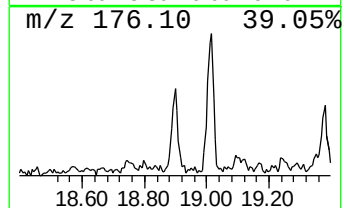
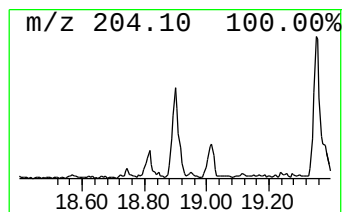
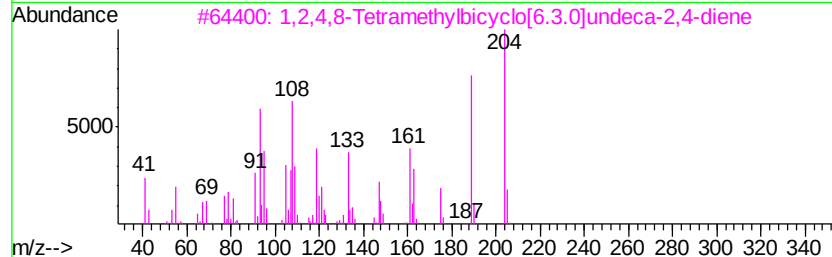
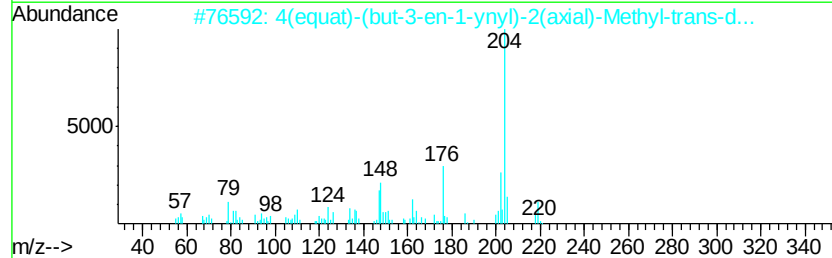
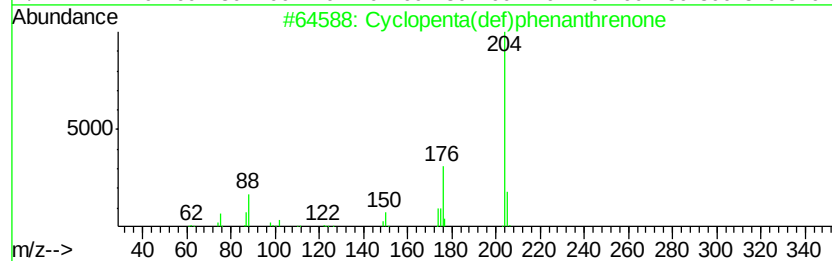
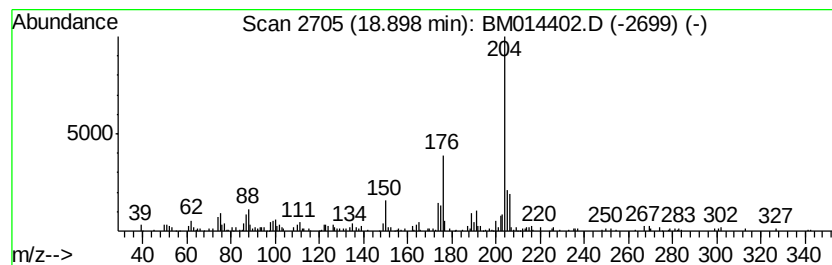
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.90	3.85 ng/ul	282716	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	43
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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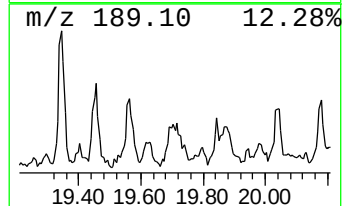
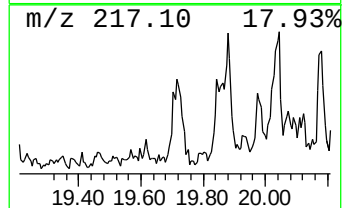
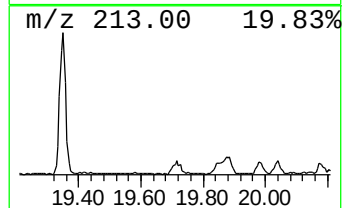
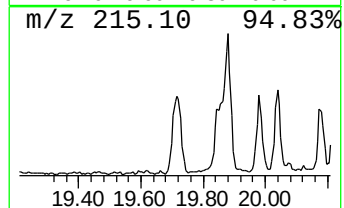
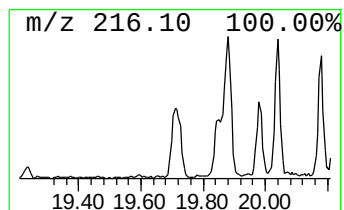
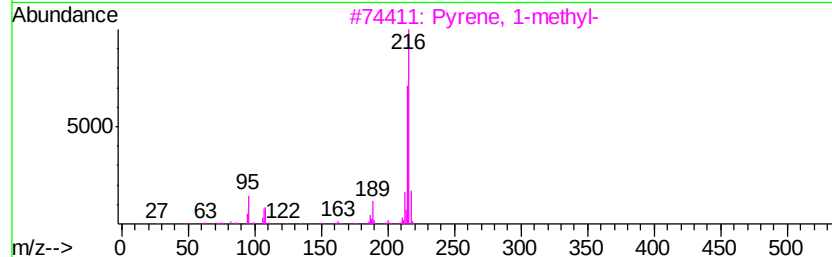
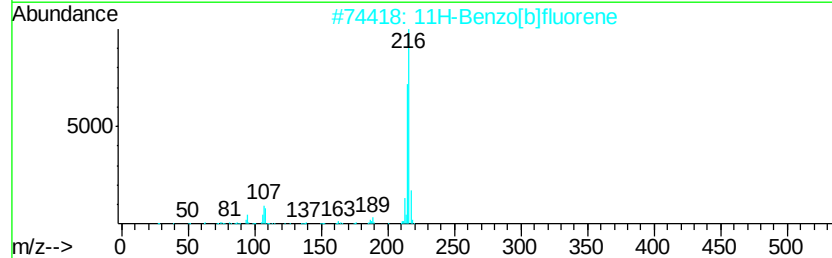
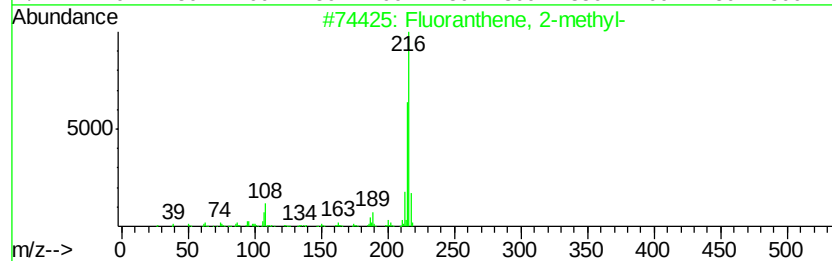
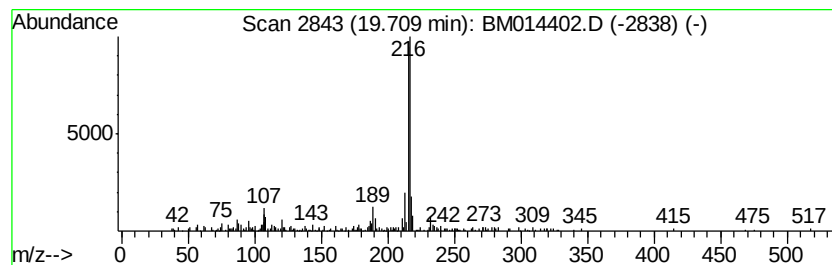
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.57 ng/ul	412199	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	86
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
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Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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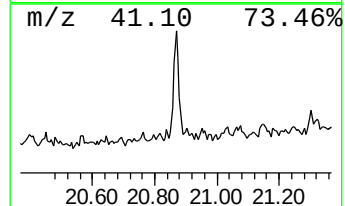
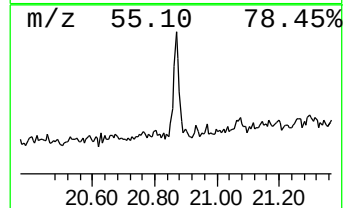
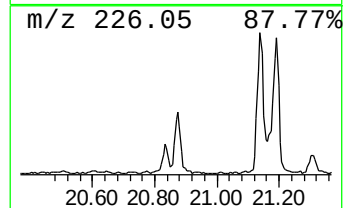
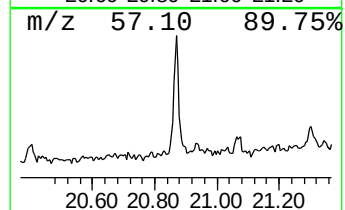
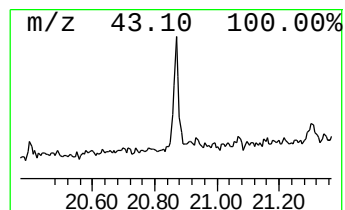
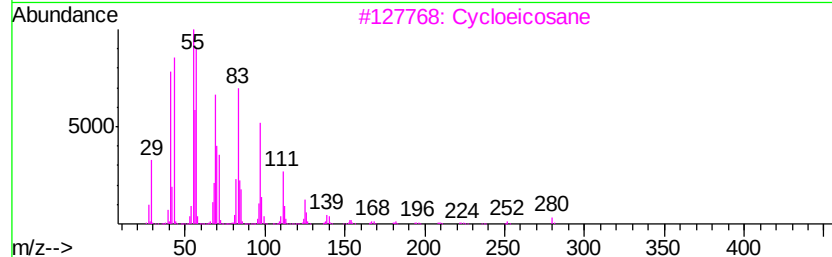
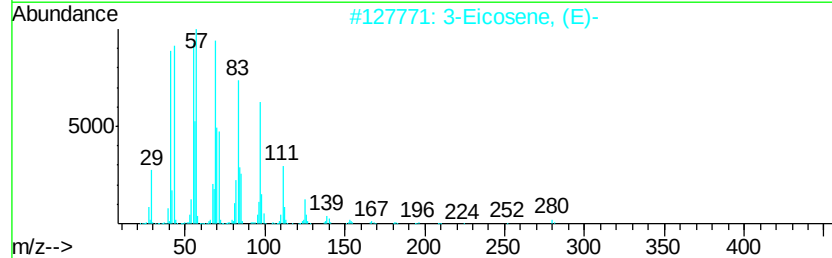
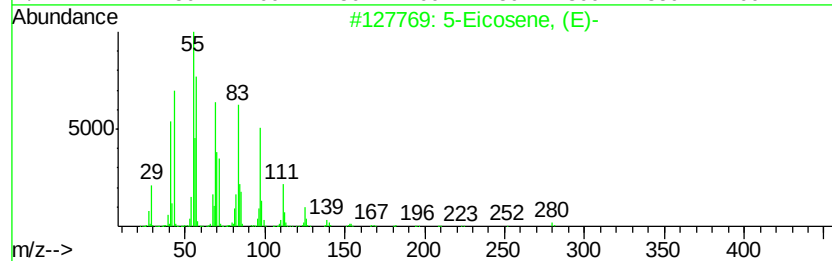
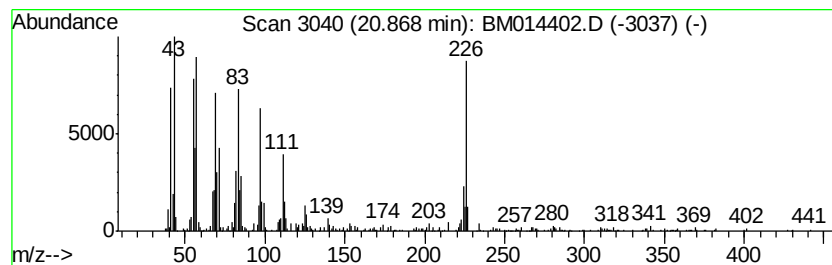
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic20.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.08 ng/ul	815579	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
3		Cycloeicosane	280	C20H40	000296-56-0	83
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
5		Octacosanol	410	C28H58O	000557-61-9	70



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
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Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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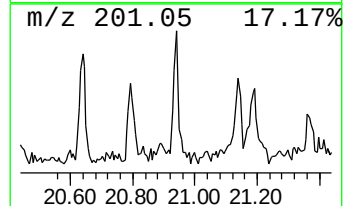
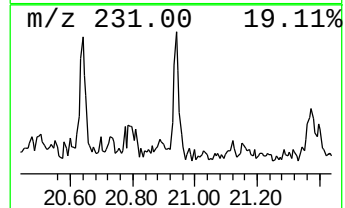
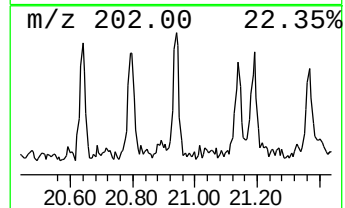
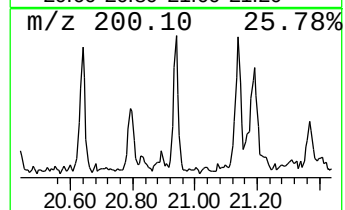
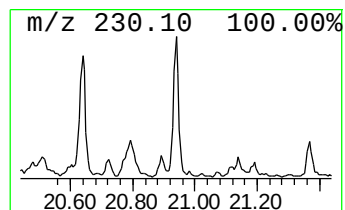
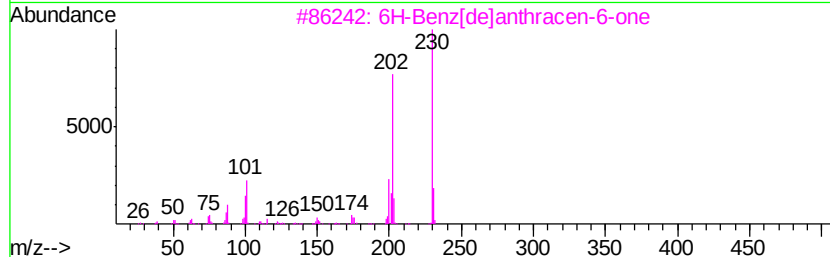
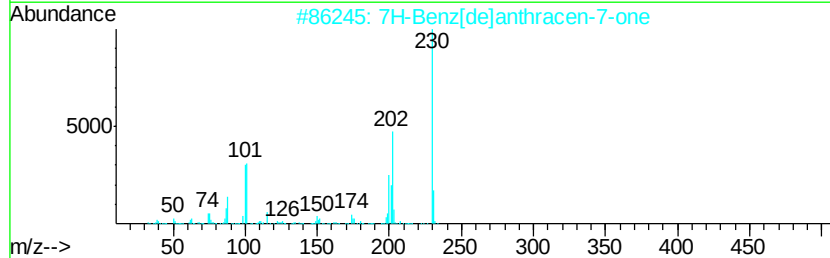
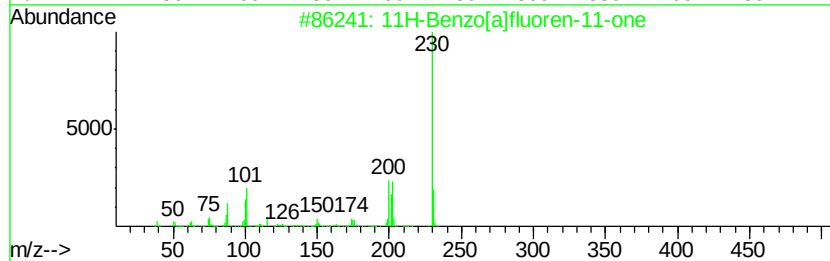
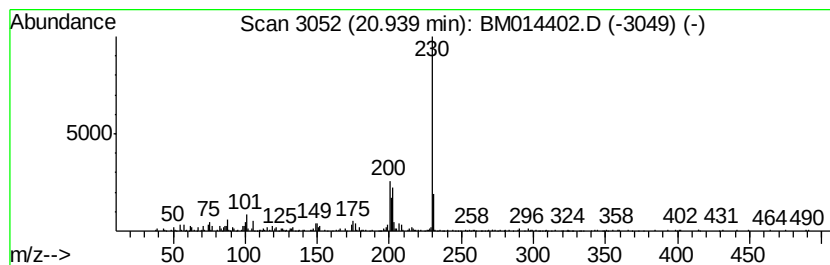
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.39 ng/ul	383823	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	59
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
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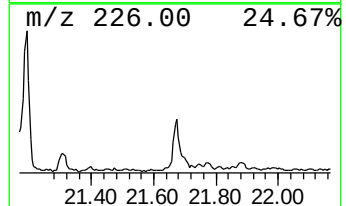
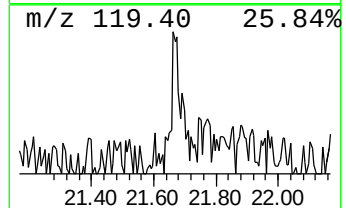
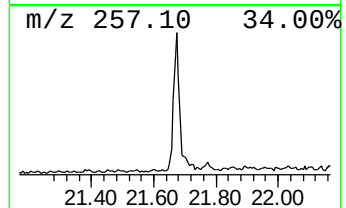
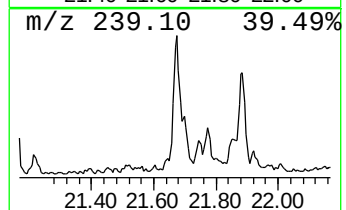
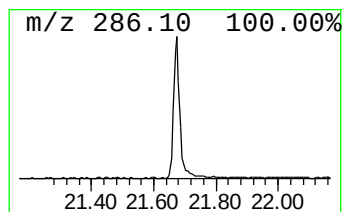
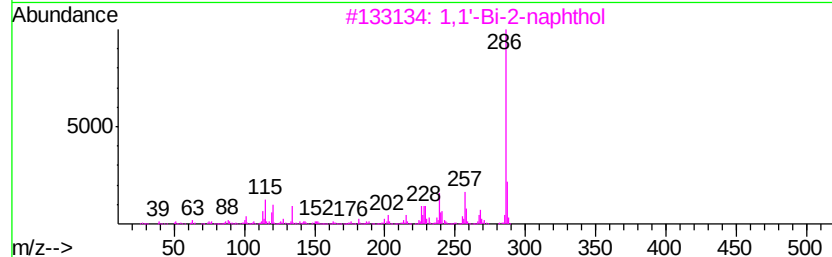
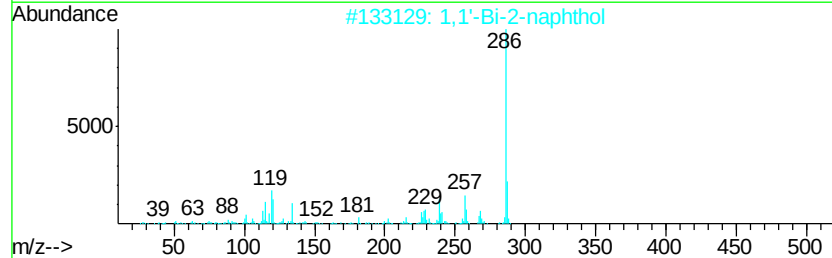
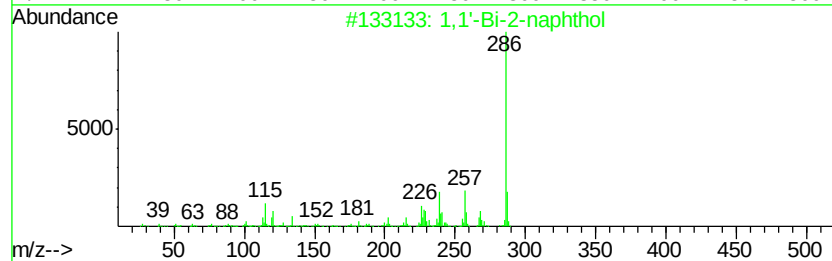
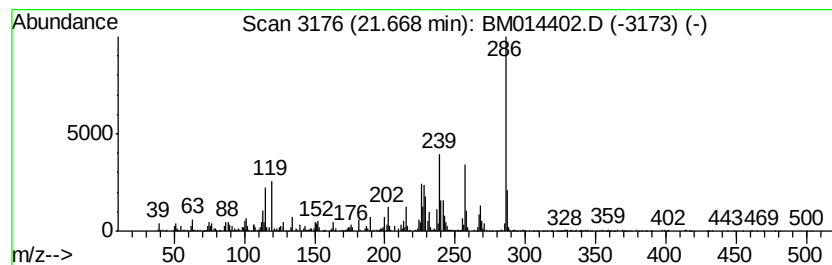
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Bi-2-naphthol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	11.89 ng/ul	1907440	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	98
2		1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	90
3		1,1'-Bi-2-naphthol	286	C20H14O2	000602-09-5	64
4		9H-Xanthen-9-one, 1-hydroxy-3,6-...	286	C16H14O5	015222-53-4	46
5		Androstenedione	286	C19H26O2	000063-05-8	41



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
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ALS Vial : 8 Sample Multiplier: 1

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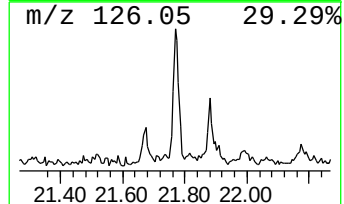
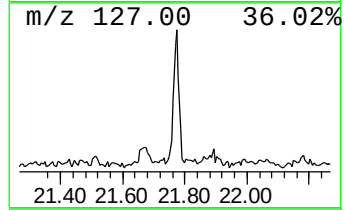
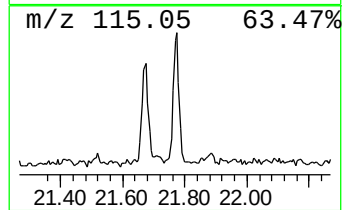
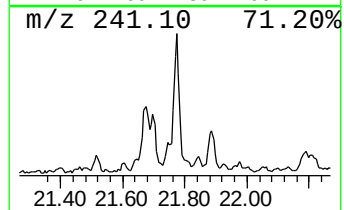
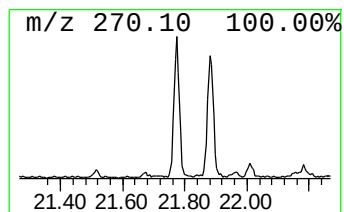
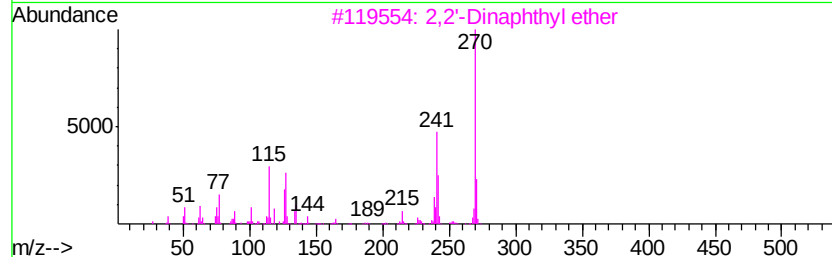
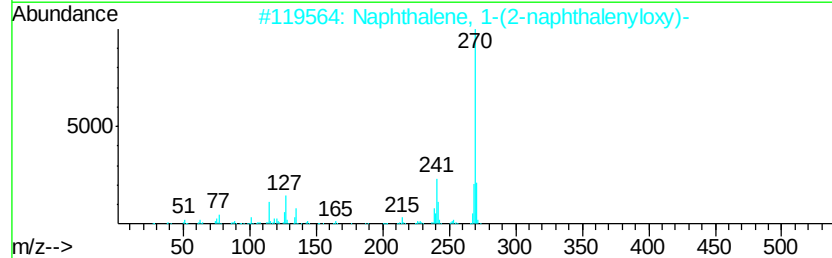
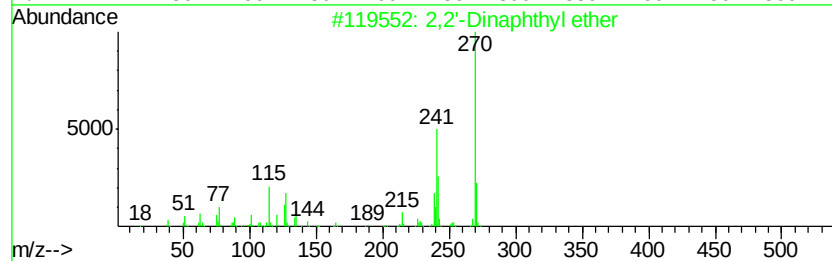
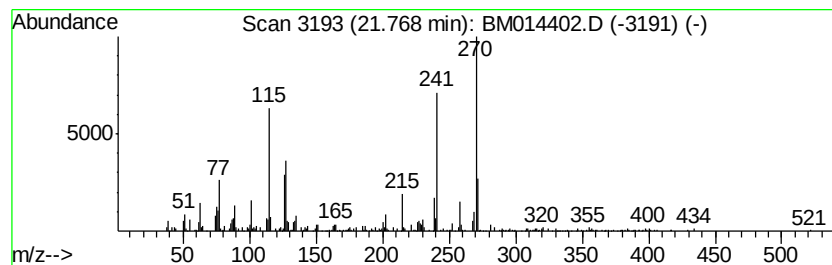
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,2'-Dinaphthyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	4.63 ng/ul	742779	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2'-Dinaphthyl ether	270	C20H14O	000613-80-9	74
2		Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	72
3		2,2'-Dinaphthyl ether	270	C20H14O	000613-80-9	70
4		Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	53
5		9-Phenanthryl phenyl ether	270	C20H14O	052978-95-7	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
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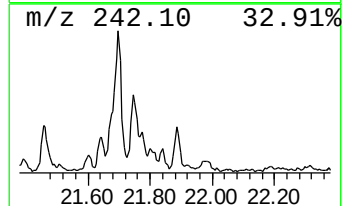
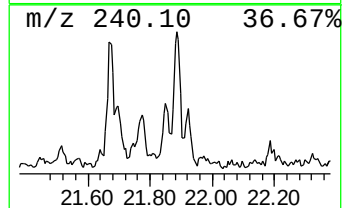
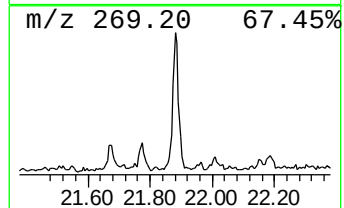
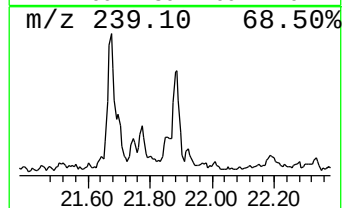
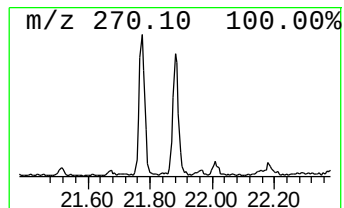
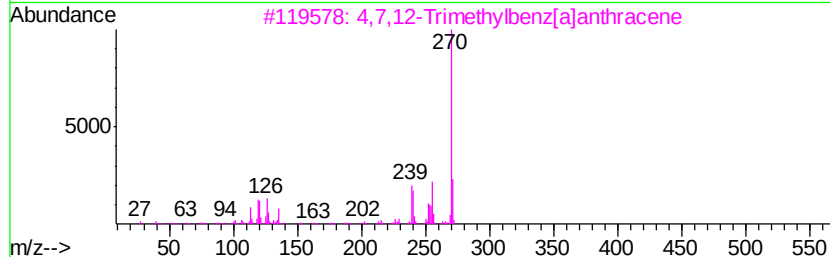
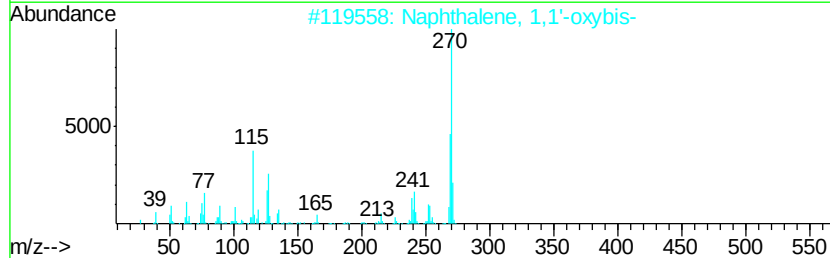
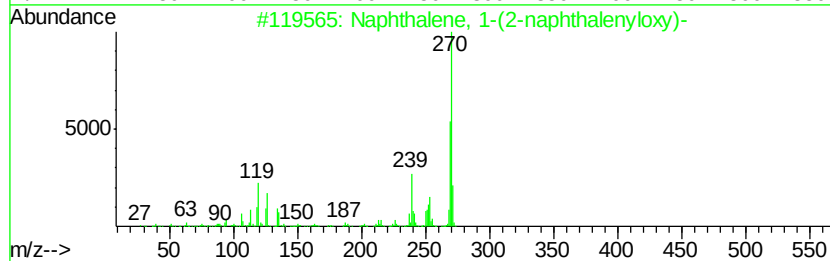
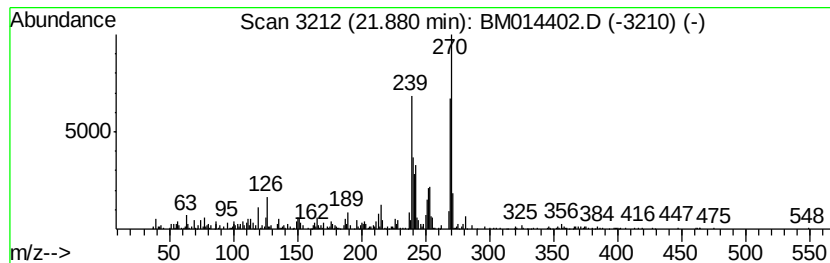
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1-(2-naphthale... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	3.82 ng/ul	613465	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-naphthalenyloxy)-	270	C20H14O	000611-49-4	91
2		Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	68
3		4,7,12-Trimethylbenz[a]anthracene	270	C21H18	035187-24-7	47
4		Benz(a)anthracene, 2,7,12-trimet...	270	C21H18	035215-31-7	43
5		9-Benzylidenexanthene	270	C20H14O	027980-52-5	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022818\
 Data File : BM014402.D
 Acq On : 28 Feb 2018 14:00
 Operator : SJ/JU
 Sample : J1646-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
Butane, 2-methoxy...	4.68	2.1	ng/ul	76884	1	7.52	716672	20.0
(DEL) Alkane: Str...	15.90	2.2	ng/ul	164240	4	16.94	1469750	20.0
Phenanthrene, 1-m...	17.82	3.6	ng/ul	266238	4	16.94	1469750	20.0
n-Hexadecanoic acid	17.85	12.4	ng/ul	912769	4	16.94	1469750	20.0
1H-Cyclopropa[l]p...	17.94	2.2	ng/ul	159434	4	16.94	1469750	20.0
4H-Cyclopenta[def...	18.01	7.1	ng/ul	522445	4	16.94	1469750	20.0
Anthracene, 2-met...	18.04	3.2	ng/ul	236352	4	16.94	1469750	20.0
Naphthalene, 2-ph...	18.32	2.2	ng/ul	159552	4	16.94	1469750	20.0
9,10-Anthracenedione	18.38	2.8	ng/ul	207573	4	16.94	1469750	20.0
Phenanthrene, 3,6...	18.74	3.1	ng/ul	229667	4	16.94	1469750	20.0
Cyclopenta(def)ph...	18.90	3.9	ng/ul	282716	4	16.94	1469750	20.0
Fluoranthene, 2-m...	19.71	2.6	ng/ul	412199	5	21.16	3208560	20.0
(DEL) Alkane: Cyc...	20.87	5.1	ng/ul	815579	5	21.16	3208560	20.0
11H-Benzo[a]fluor...	20.94	2.4	ng/ul	383823	5	21.16	3208560	20.0
1,1'-Bi-2-naphthol	21.67	11.9	ng/ul	1907440	5	21.16	3208560	20.0
2,2'-Dinaphthyl e...	21.77	4.6	ng/ul	742779	5	21.16	3208560	20.0
Naphthalene, 1-(2...	21.88	3.8	ng/ul	613465	5	21.16	3208560	20.0