

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
 Data File : BM014380.D
 Acq On : 27 Feb 2018 13:36
 Operator : SJ/JU
 Sample : J1631-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE611

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	3.105	17	20	27	rVB	35433	53810	1.82%	0.115%
2	3.705	118	122	126	rVB3	24211	36226	1.23%	0.078%
3	3.905	152	156	160	rVB4	37422	59316	2.01%	0.127%
4	4.675	283	287	295	rVB	81617	116409	3.94%	0.249%
5	5.946	497	503	511	rBV4	29524	51972	1.76%	0.111%
6	6.722	628	635	646	rBV	489044	901709	30.55%	1.930%
7	6.869	654	660	670	rBV	385496	622799	21.10%	1.333%
8	7.057	686	692	702	rBV	564080	934597	31.67%	2.001%
9	7.516	764	770	781	rBV	418607	707321	23.97%	1.514%
10	8.240	887	893	907	rBV	596017	1098226	37.21%	2.351%
11	8.675	961	967	975	rBV	532455	924325	31.32%	1.979%
12	9.392	1082	1089	1100	rBV	487148	867992	29.41%	1.858%
13	9.934	1172	1181	1195	rBV	606177	1196529	40.54%	2.562%
14	10.286	1233	1241	1247	rBV	559187	927823	31.44%	1.986%
15	10.334	1247	1249	1259	rVB	31006	51797	1.76%	0.111%
16	10.451	1261	1269	1283	rBV2	404491	907992	30.77%	1.944%
17	11.969	1521	1527	1534	rBV5	15027	32309	1.09%	0.069%
18	12.192	1559	1565	1572	rBV5	17960	38359	1.30%	0.082%
19	12.986	1695	1700	1707	rBV7	25261	44411	1.50%	0.095%
20	13.498	1779	1787	1792	rBV8	27221	57080	1.93%	0.122%
21	13.598	1798	1804	1809	rBV	1205284	1621290	54.94%	3.471%
22	13.645	1809	1812	1819	rVB	324577	441652	14.97%	0.945%
23	13.869	1843	1850	1861	rBV	1406033	2090611	70.84%	4.476%
24	14.080	1880	1886	1890	rBV	68201	101598	3.44%	0.218%
25	14.174	1895	1902	1909	rVV2	728967	1185374	40.17%	2.538%
26	14.239	1909	1913	1923	rVB	78752	133460	4.52%	0.286%
27	14.445	1939	1948	1968	rBV2	279107	755582	25.60%	1.618%
28	14.586	1968	1972	1977	rVV3	58541	105847	3.59%	0.227%
29	14.639	1977	1981	1989	rVB9	30165	70341	2.38%	0.151%
30	15.039	2043	2049	2055	rVB4	89059	151113	5.12%	0.324%
31	15.180	2067	2073	2079	rBV	1602161	2240128	75.91%	4.796%
32	15.239	2079	2083	2090	rVB2	83690	134809	4.57%	0.289%
33	15.339	2093	2100	2109	rBV	450324	746627	25.30%	1.598%
34	15.539	2130	2134	2140	rVB4	33138	52470	1.78%	0.112%

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35	15.686	2147	2159	2165	rBV7	28990	84382	2.86%	0.181%
36	15.910	2192	2197	2205	rBV4	79503	147705	5.00%	0.316%
37	16.480	2290	2294	2296	rVV5	25015	33926	1.15%	0.073%
38	16.510	2297	2299	2303	rVB5	25917	32356	1.10%	0.069%
39	16.604	2310	2315	2320	rVB2	66000	112676	3.82%	0.241%
40	16.674	2320	2327	2328	rBV7	28534	41920	1.42%	0.090%
41	16.698	2328	2331	2336	rVV4	51746	74446	2.52%	0.159%
42	16.757	2336	2341	2345	rVB3	59209	81510	2.76%	0.174%
43	16.939	2366	2372	2375	rBV	923086	1325931	44.93%	2.839%
44	16.980	2375	2379	2384	rVB	1203548	1585391	53.72%	3.394%
45	17.039	2384	2389	2393	rBV	1654367	2279314	77.23%	4.880%
46	17.357	2436	2443	2449	rBV3	89417	229597	7.78%	0.492%
47	17.462	2458	2461	2467	rVB6	28022	39404	1.34%	0.084%
48	17.539	2472	2474	2481	rVB7	26409	33246	1.13%	0.071%
49	17.815	2516	2521	2523	rBV	159936	213861	7.25%	0.458%
50	17.851	2523	2527	2535	rVB2	327015	710252	24.07%	1.521%
51	17.945	2540	2543	2548	rVV2	62517	108184	3.67%	0.232%
52	18.009	2548	2554	2558	rVV4	202387	397343	13.46%	0.851%
53	18.045	2558	2560	2567	rVB	127443	161462	5.47%	0.346%
54	18.133	2572	2575	2580	rVB7	31652	40406	1.37%	0.087%
55	18.321	2603	2607	2612	rVB	113595	145488	4.93%	0.311%
56	18.380	2612	2617	2625	rVV2	173409	268135	9.09%	0.574%
57	18.439	2625	2627	2632	rVB6	25618	31343	1.06%	0.067%
58	18.568	2646	2649	2656	rVB7	41084	48265	1.64%	0.103%
59	18.621	2656	2658	2662	rBV2	44219	54237	1.84%	0.116%
60	18.739	2671	2678	2682	rBV4	96131	207865	7.04%	0.445%
61	18.898	2699	2705	2710	rBV3	93759	179431	6.08%	0.384%
62	19.009	2718	2724	2732	rVB	1719245	2251525	76.29%	4.820%
63	19.139	2743	2746	2749	rBV4	109868	131415	4.45%	0.281%
64	19.233	2759	2762	2763	rBV3	46649	47638	1.61%	0.102%
65	19.345	2776	2781	2784	rBV	2022452	2951194	100.00%	6.318%
66	19.374	2784	2786	2794	rVB	1549933	1847760	62.61%	3.956%
67	19.451	2796	2799	2804	rVV4	63124	85925	2.91%	0.184%
68	19.562	2814	2818	2823	rBV	86135	127406	4.32%	0.273%
69	19.621	2826	2828	2833	rVB3	53349	74079	2.51%	0.159%
70	19.668	2834	2836	2837	rBV2	35312	29580	1.00%	0.063%
71	19.709	2839	2843	2849	rVB4	90013	209841	7.11%	0.449%

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72	19.845	2862	2866	2867	rBV4	74594	100627	3.41%	0.215%
73	19.980	2885	2889	2893	rBV3	91412	111243	3.77%	0.238%
74	20.039	2893	2899	2902	rBV3	136251	242349	8.21%	0.519%
75	20.180	2919	2923	2926	rBV2	90482	119062	4.03%	0.255%
76	20.221	2927	2930	2935	rVB3	87425	129706	4.40%	0.278%
77	20.439	2964	2967	2970	rBV4	70969	105029	3.56%	0.225%
78	20.633	2997	3000	3006	rBV	149458	211396	7.16%	0.453%
79	20.792	3024	3027	3031	rBV3	151352	239919	8.13%	0.514%
80	20.827	3031	3033	3037	rVV	137924	187031	6.34%	0.400%
81	20.868	3037	3040	3047	rVV3	321853	484111	16.40%	1.036%
82	20.933	3049	3051	3057	rVB	154812	187376	6.35%	0.401%
83	21.068	3070	3074	3077	rVB	367358	380803	12.90%	0.815%
84	21.145	3081	3087	3091	rVV2	1306242	2418191	81.94%	5.177%
85	21.186	3091	3094	3099	rVB	657581	793397	26.88%	1.699%
86	21.403	3127	3131	3137	rBV3	222077	344170	11.66%	0.737%
87	22.680	3344	3348	3353	rBV	374397	721727	24.46%	1.545%
88	23.192	3429	3435	3439	rBV2	1179879	2096498	71.04%	4.488%
89	23.233	3439	3442	3448	rVB	474297	725007	24.57%	1.552%
90	23.321	3452	3457	3462	rBV2	679686	1227450	41.59%	2.628%

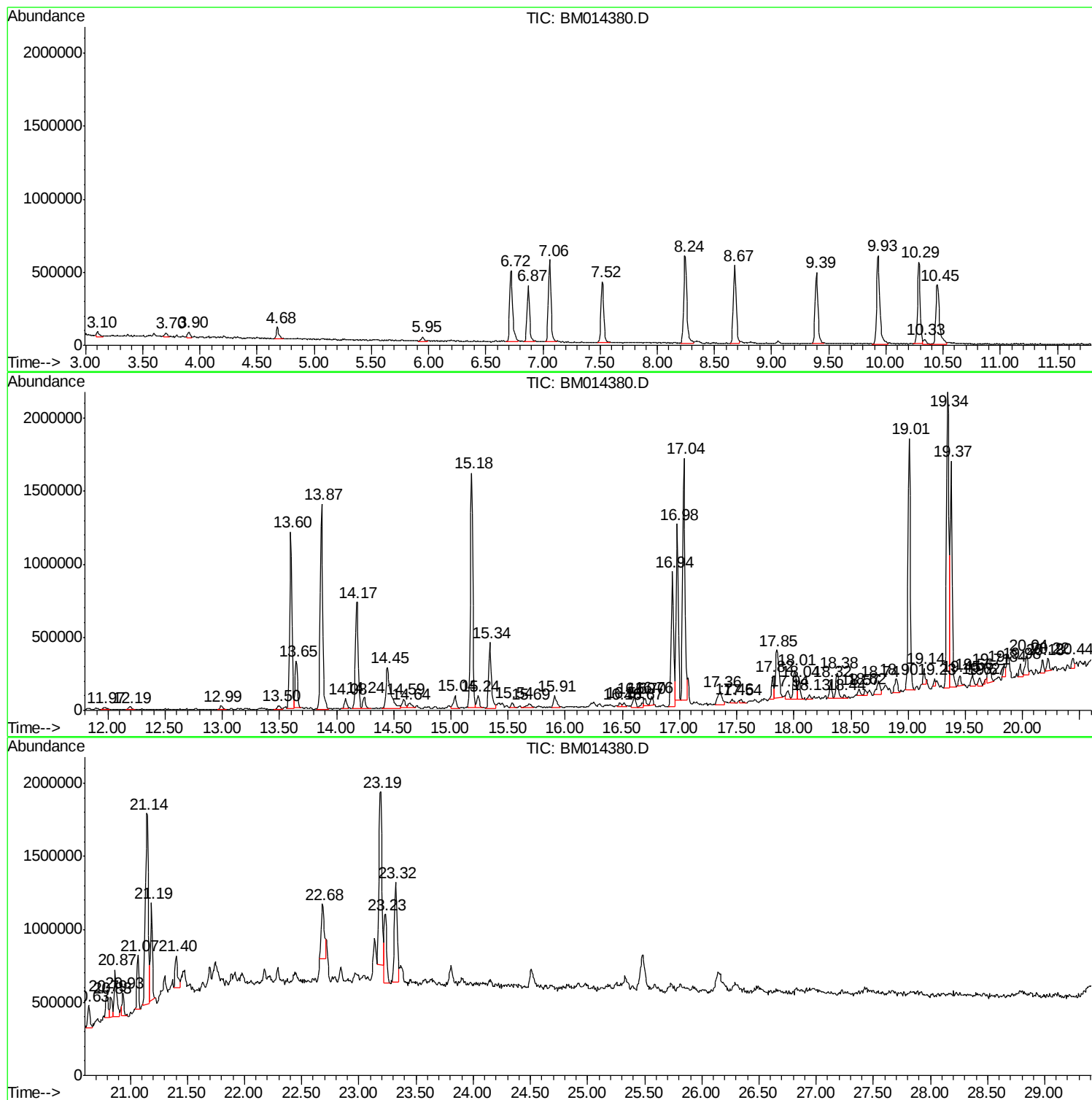
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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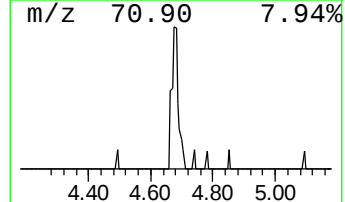
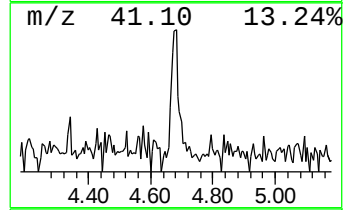
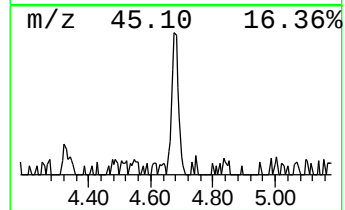
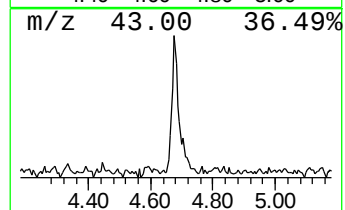
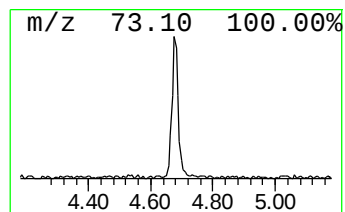
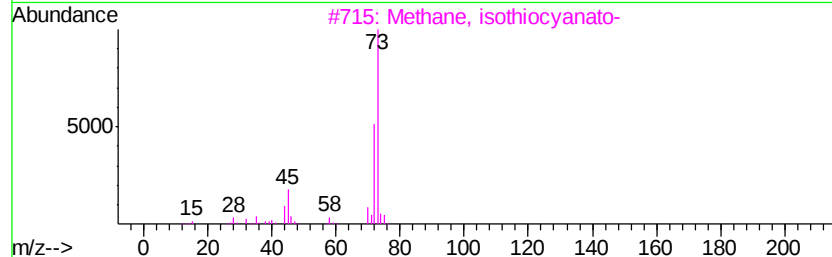
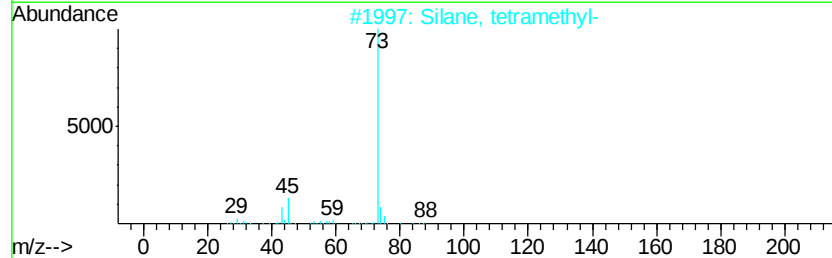
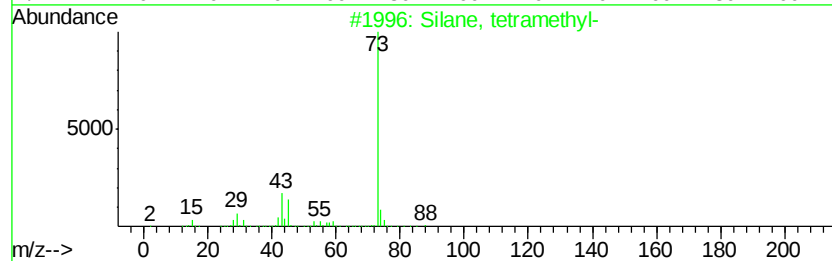
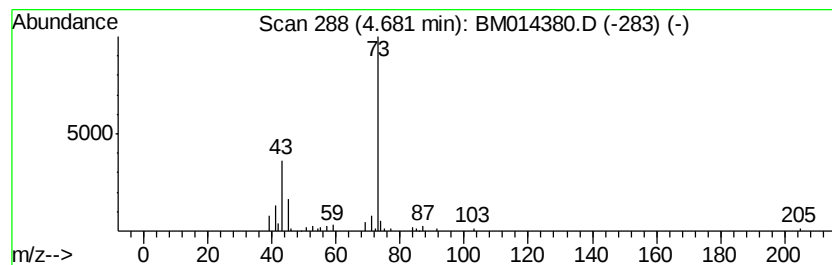
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.29 ng/ul	116409	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
3		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	47
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28



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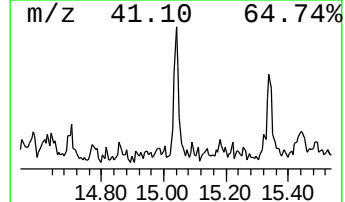
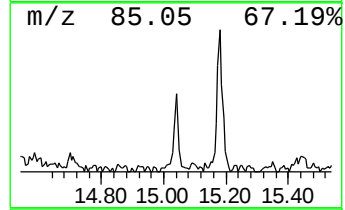
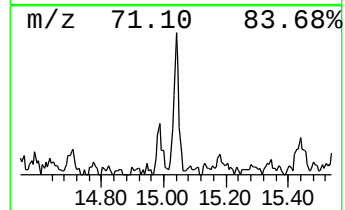
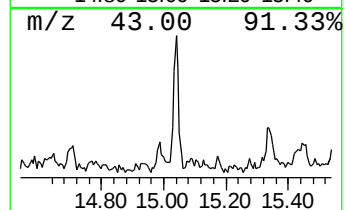
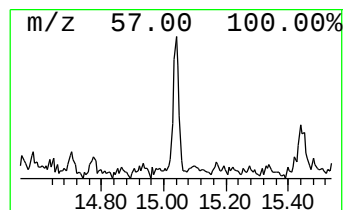
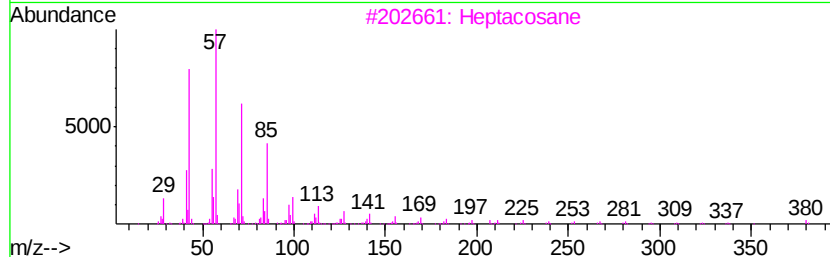
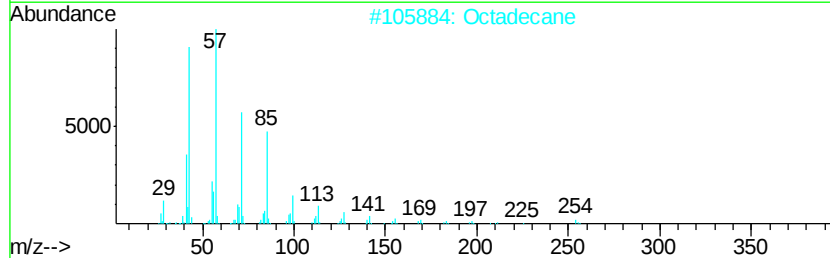
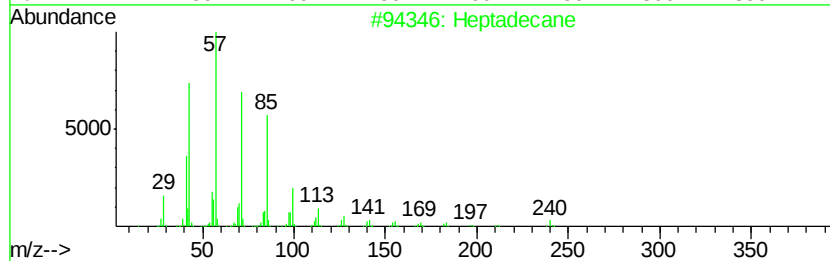
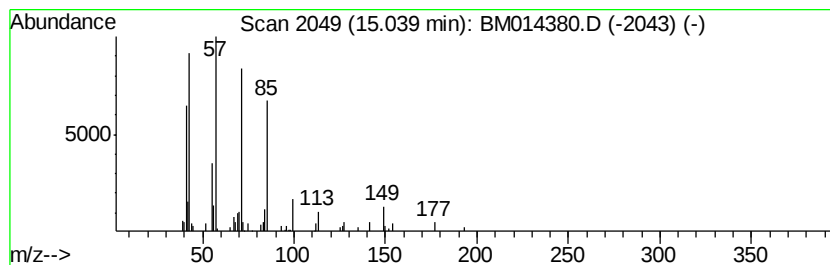
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.55 ng/ul	151113	Acenaphthene-d10	14.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	86
2			Octadecane	254	C18H38	000593-45-3	86
3			Heptacosane	380	C27H56	000593-49-7	78
4			Hexadecane	226	C16H34	000544-76-3	78
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	64



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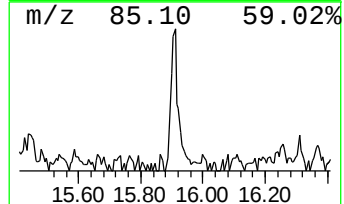
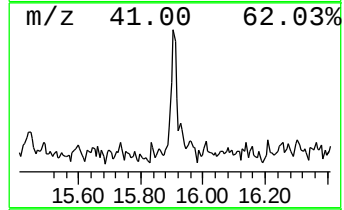
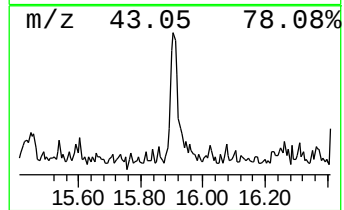
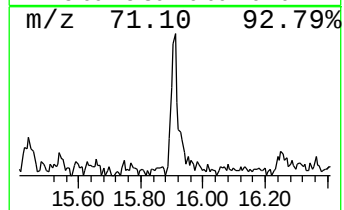
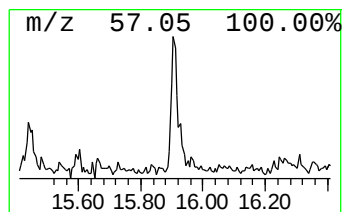
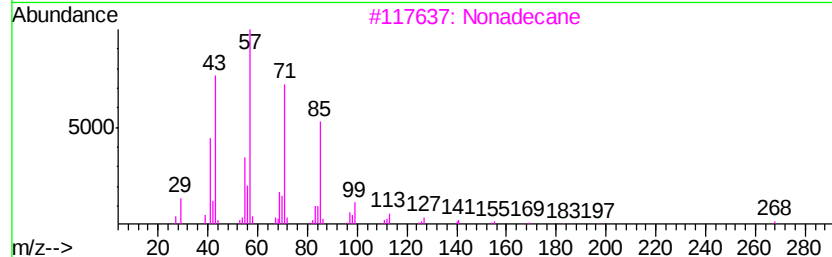
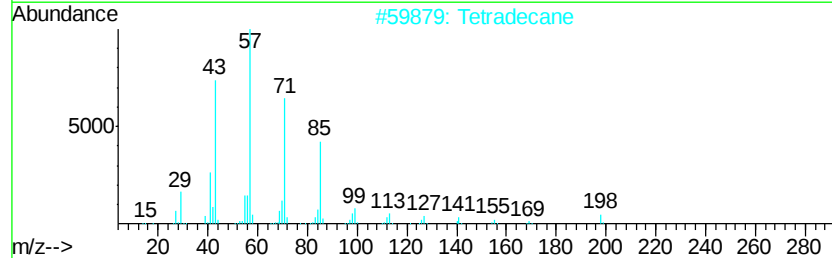
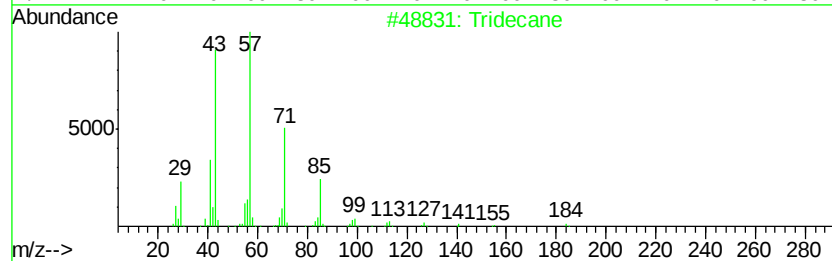
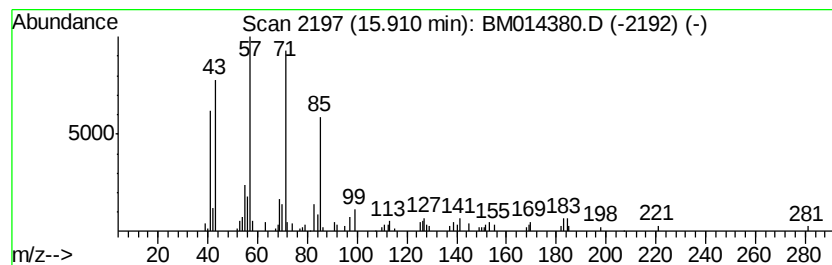
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.23 ng/ul	147705	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Nonadecane	268	C19H40	000629-92-5	83
4			Tetradecane	198	C14H30	000629-59-4	83
5			Nonadecane	268	C19H40	000629-92-5	80



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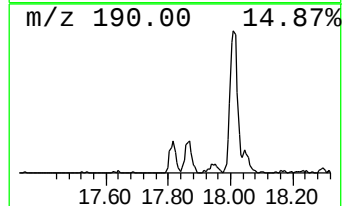
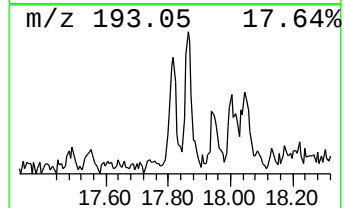
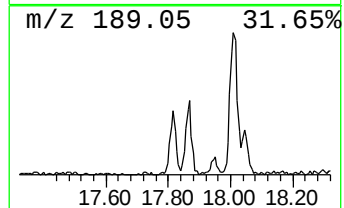
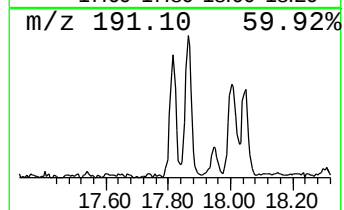
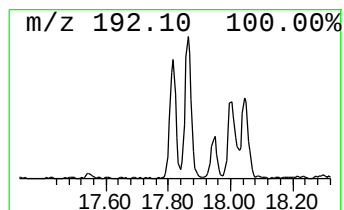
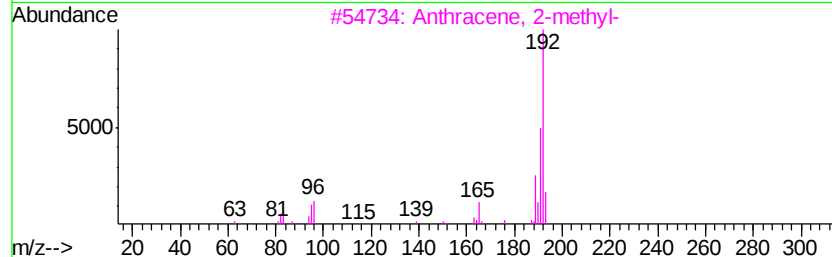
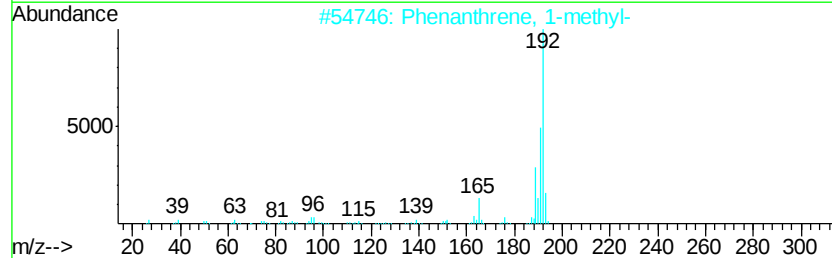
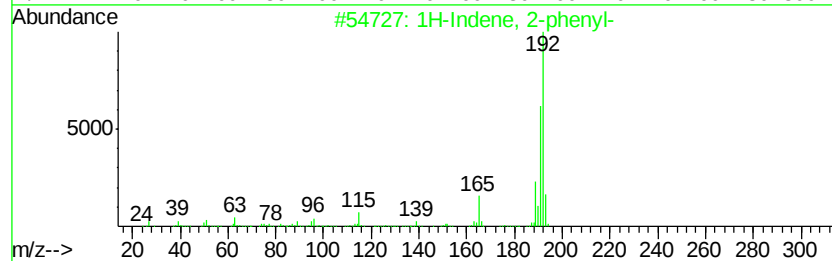
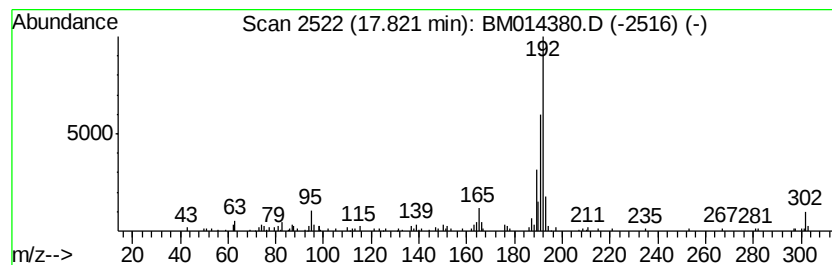
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.23 ng/ul	213861	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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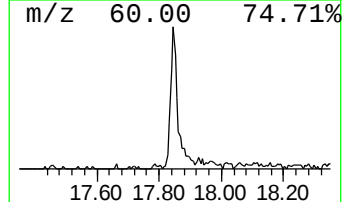
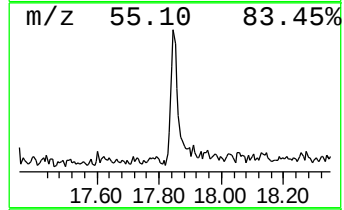
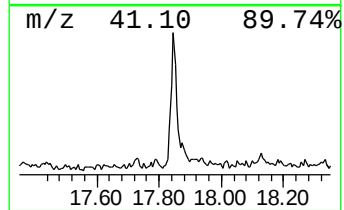
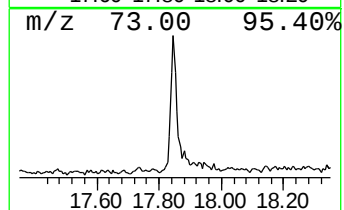
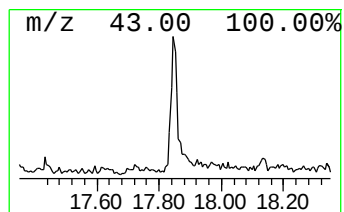
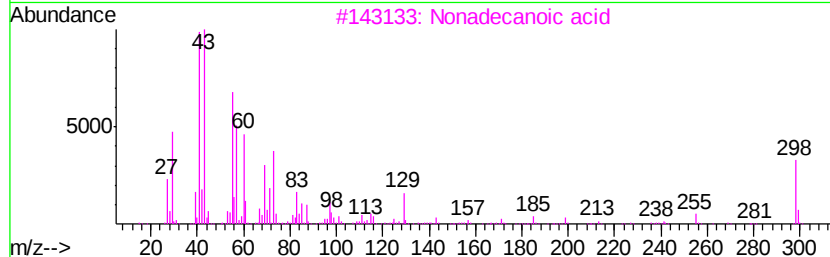
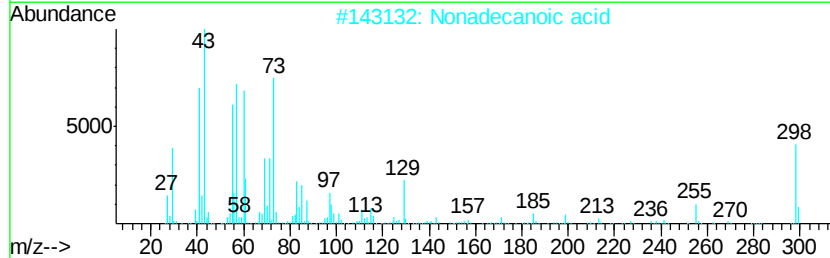
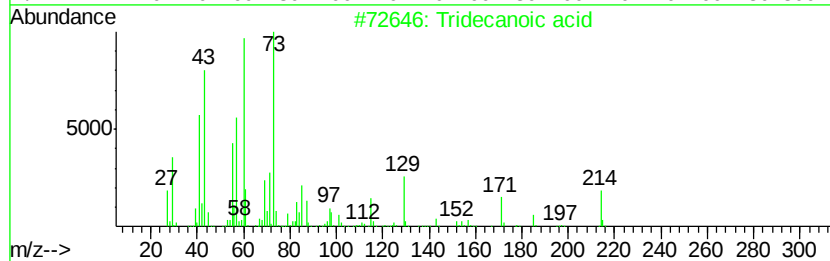
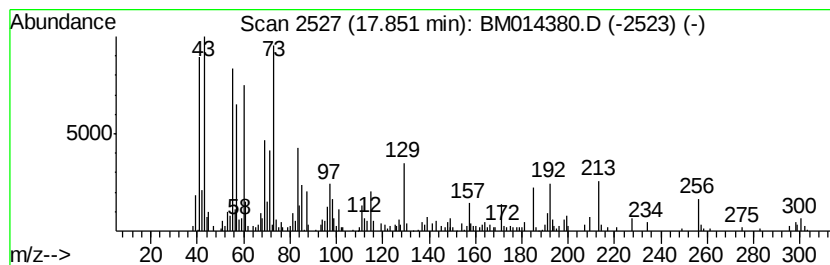
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	10.71 ng/ul	710252	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	90
2		Nonadecanoic acid	298	C19H38O2	000646-30-0	86
3		Nonadecanoic acid	298	C19H38O2	000646-30-0	78
4		Dodecanoic acid	200	C12H24O2	000143-07-7	55
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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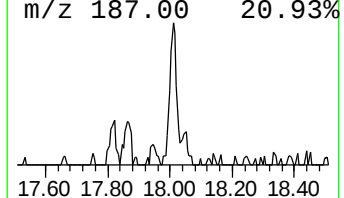
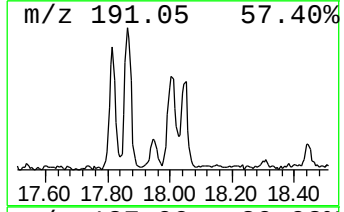
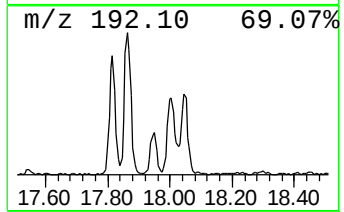
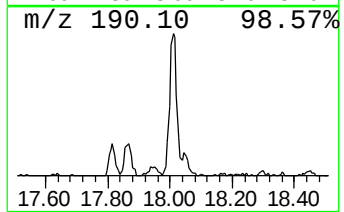
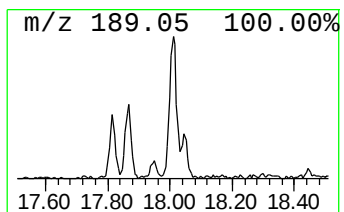
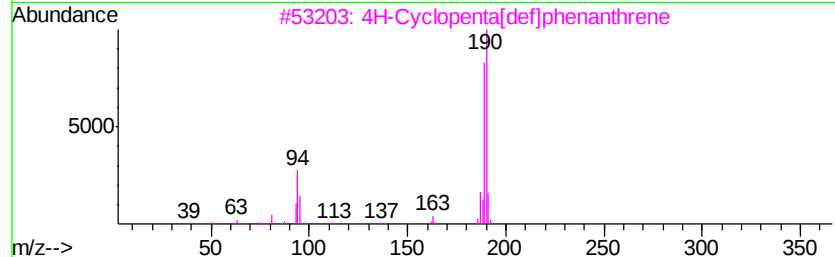
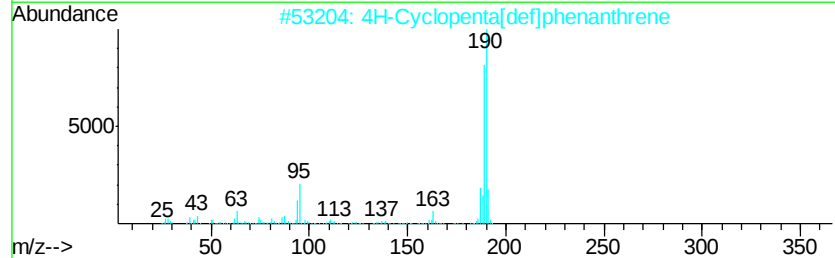
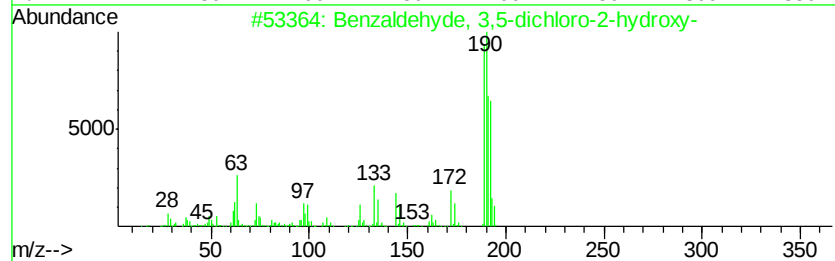
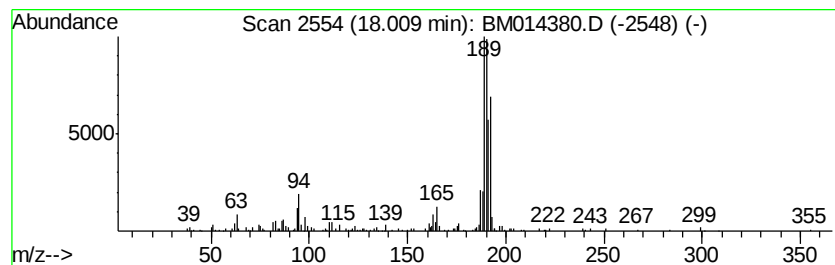
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.99 ng/ul	397343	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4		4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	43
5		Methyl diselenide	190	C2H6Se2	007101-31-7	38



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
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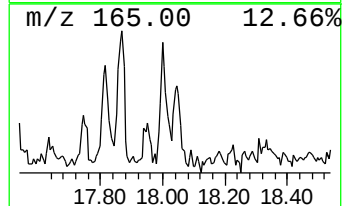
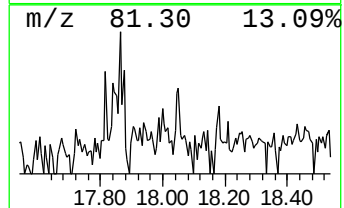
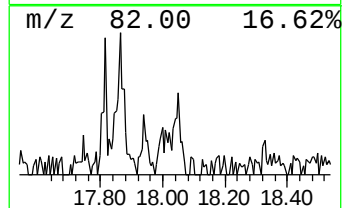
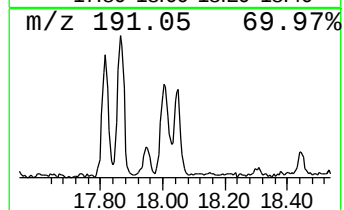
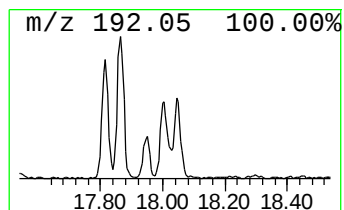
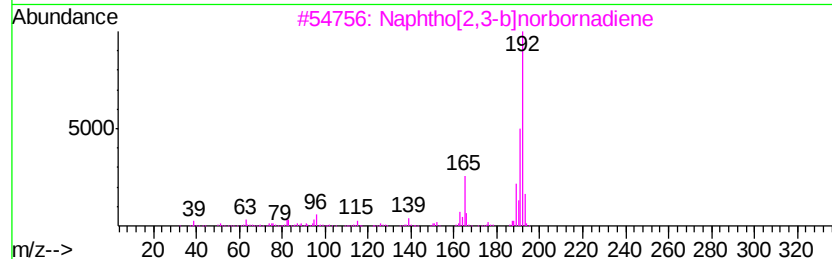
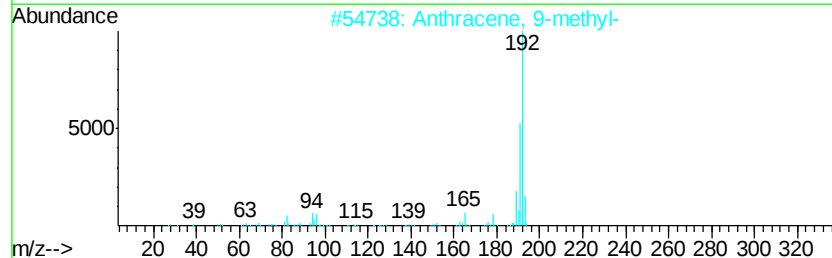
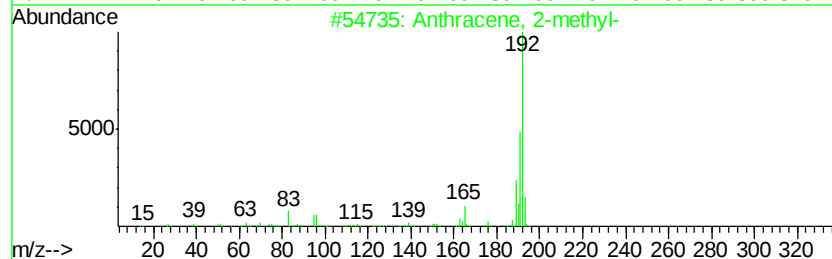
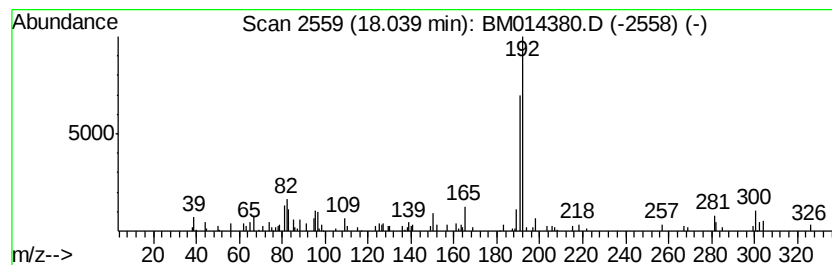
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.04	2.44 ng/ul	161462	Phenanthrene-d10		16.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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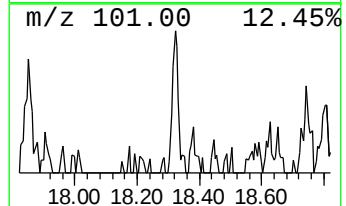
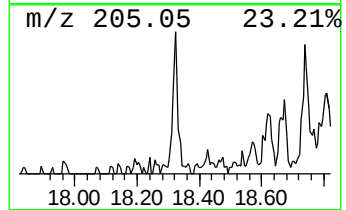
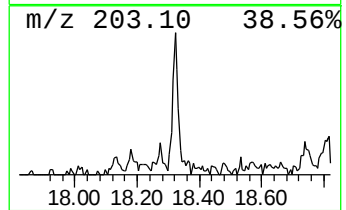
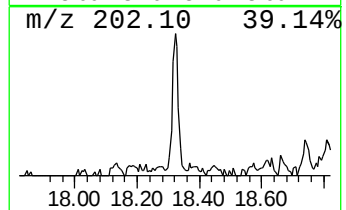
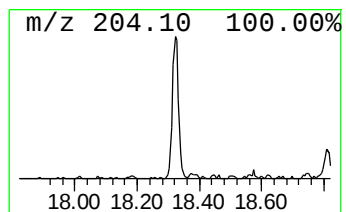
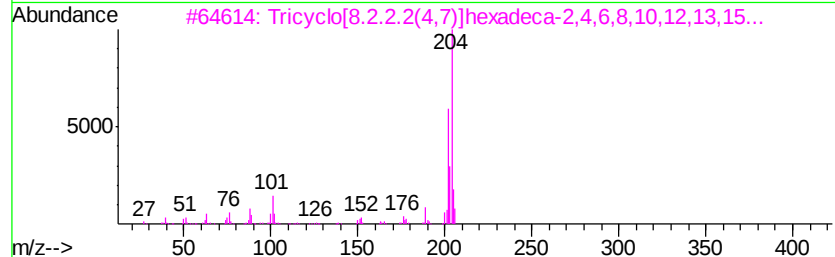
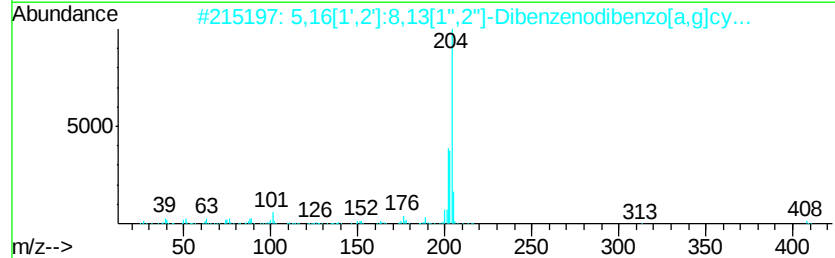
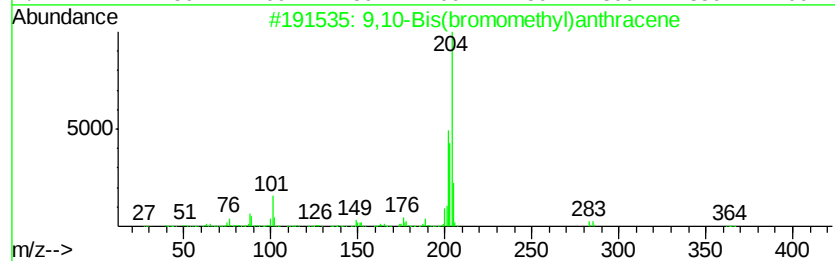
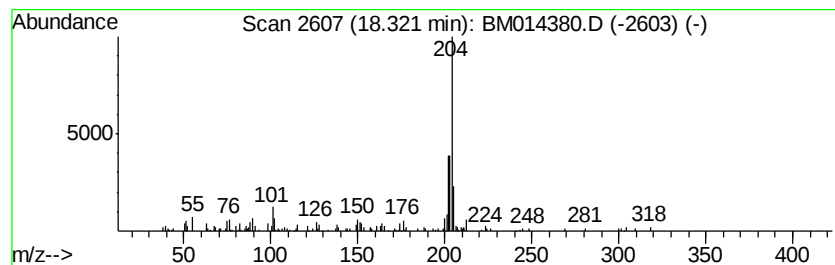
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.19 ng/ul	145488	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	59



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
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Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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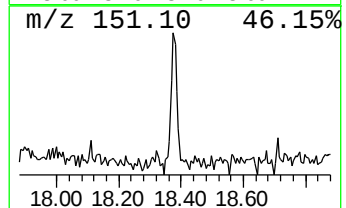
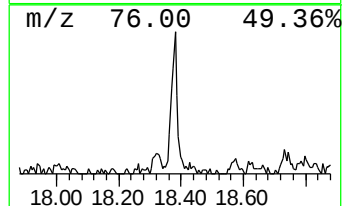
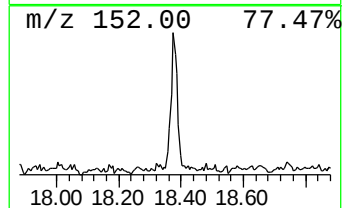
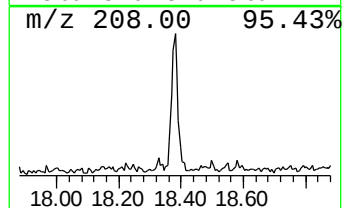
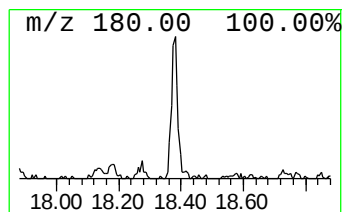
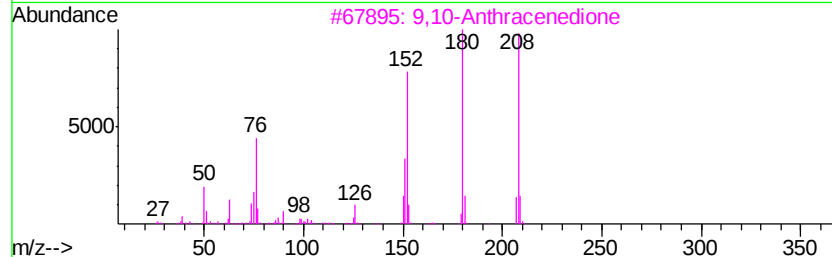
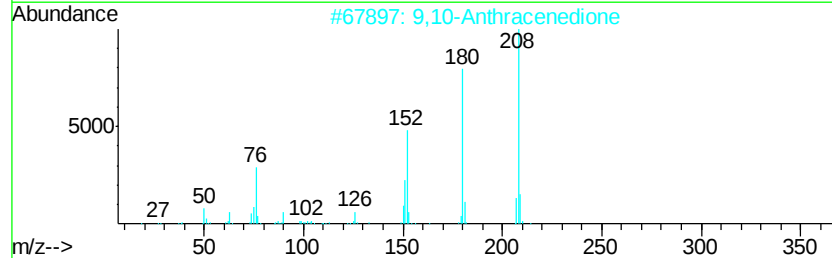
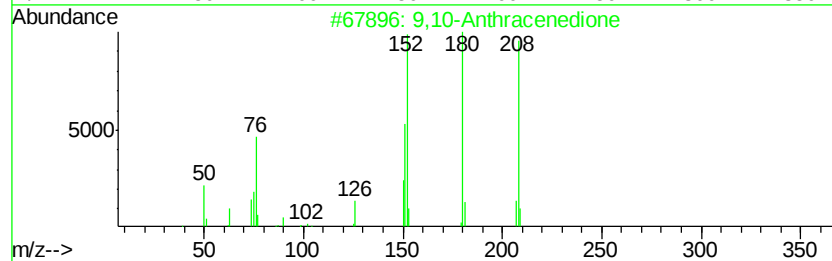
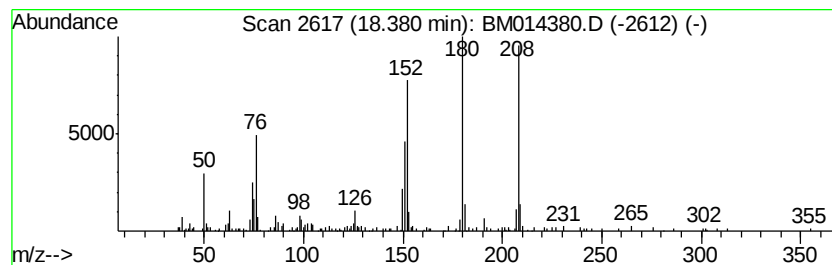
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.04 ng/ul	268135	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
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Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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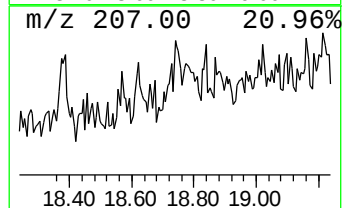
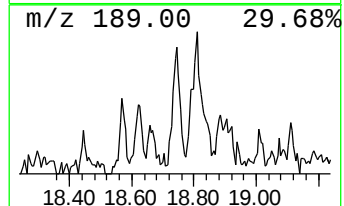
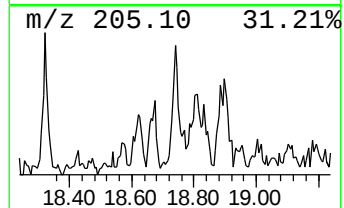
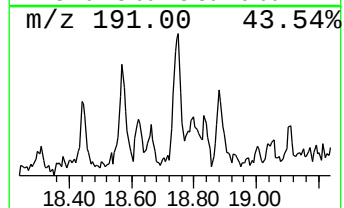
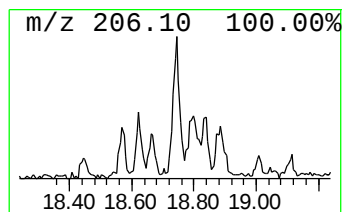
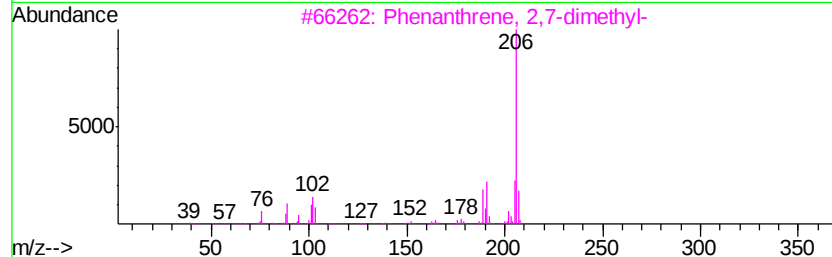
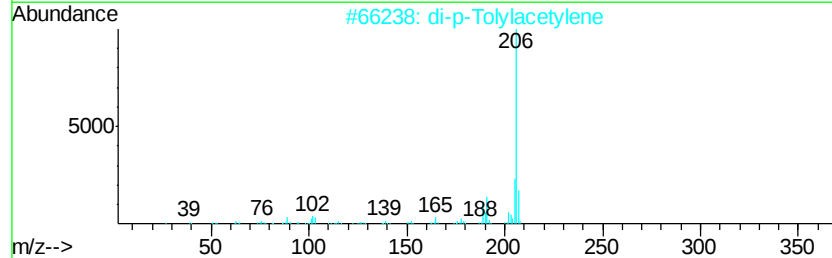
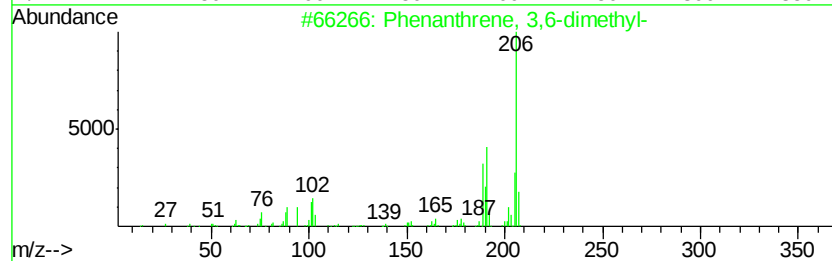
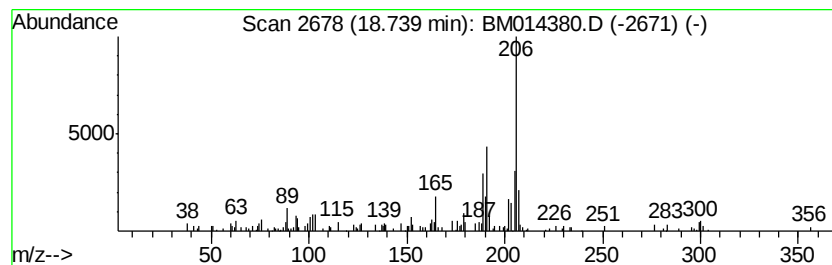
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	3.14 ng/ul	207865	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	87



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
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Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

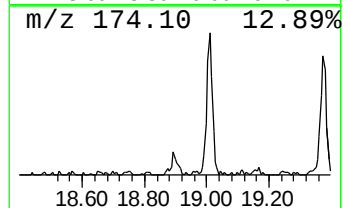
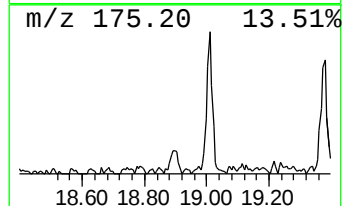
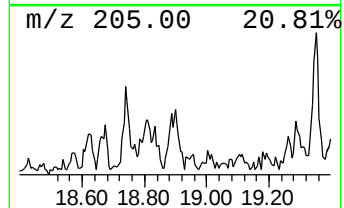
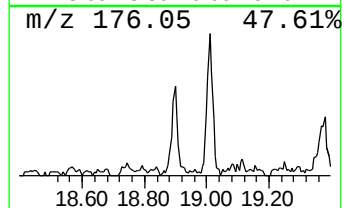
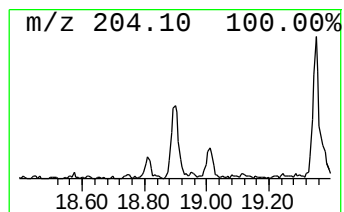
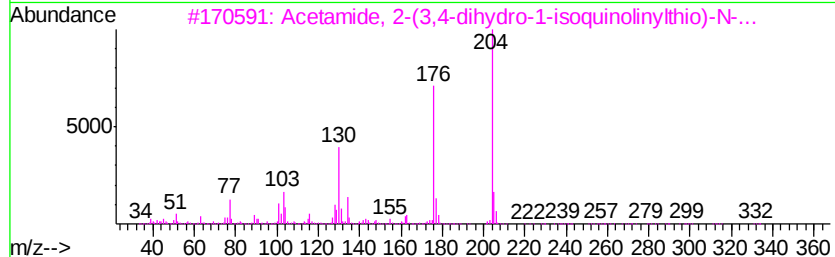
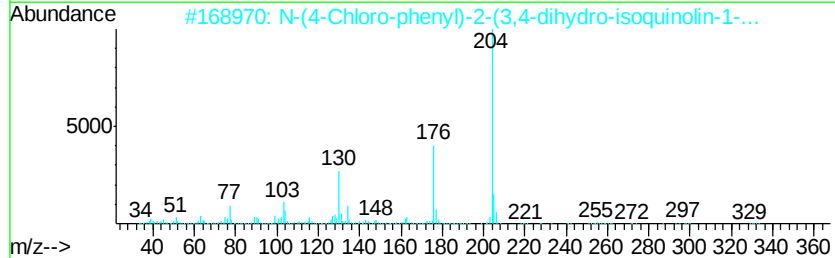
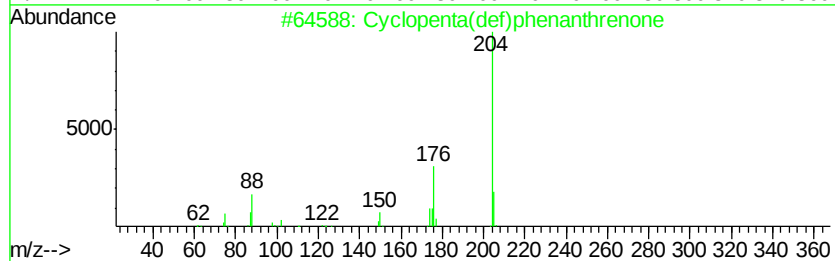
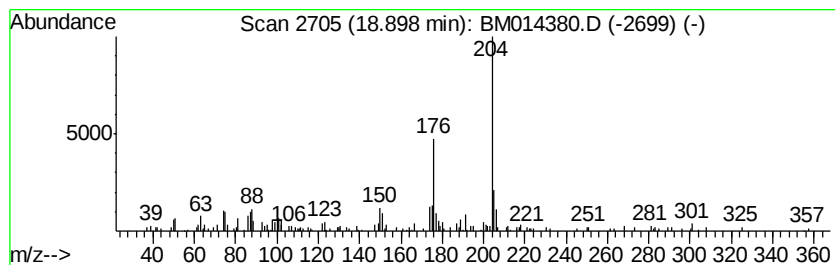
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.90	2.71 ng/ul	179431	Phenanthrene-d10		16.94		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	64
3			Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	59
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	47



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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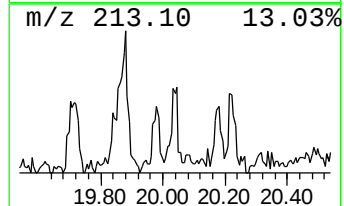
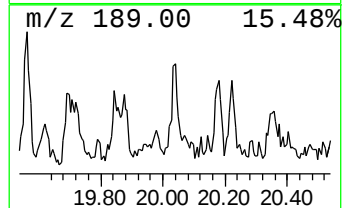
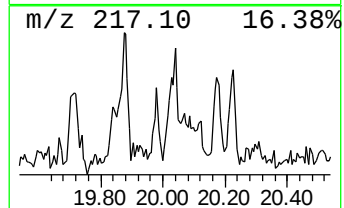
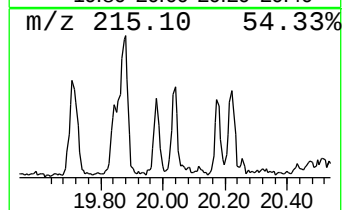
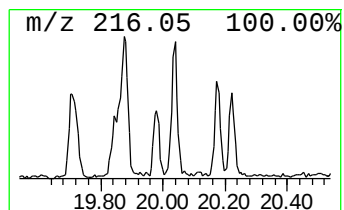
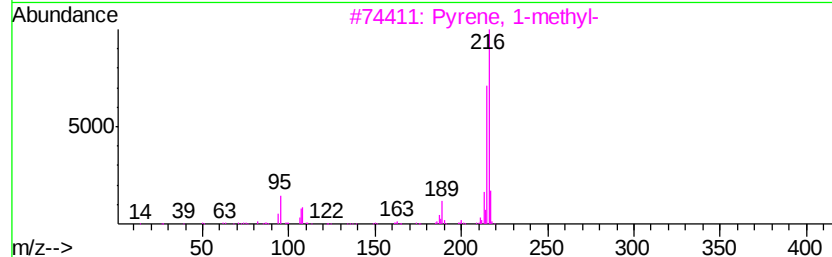
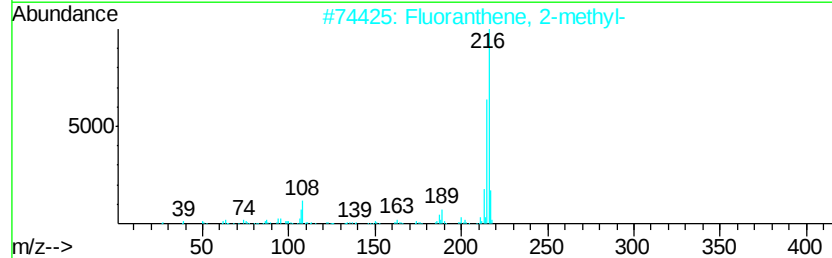
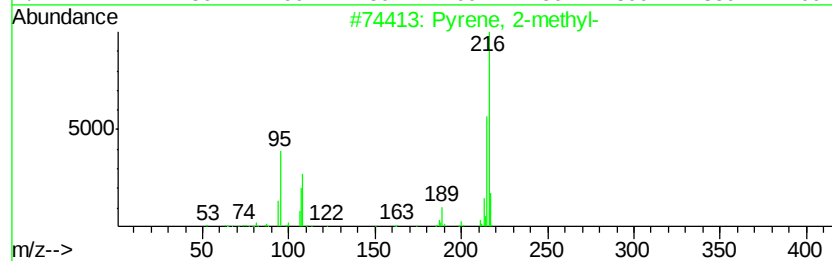
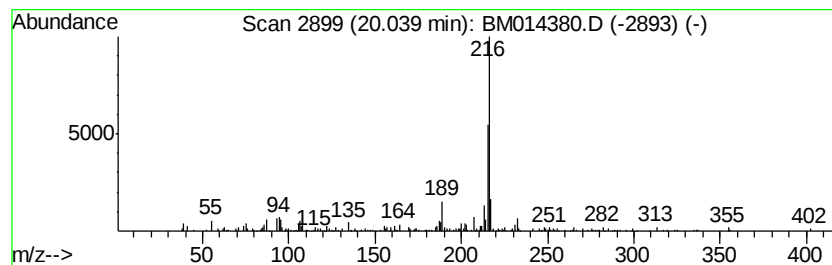
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.00 ng/ul	242349	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE611

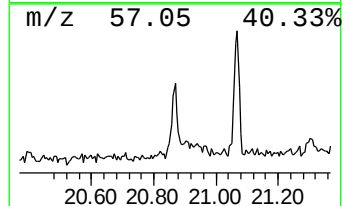
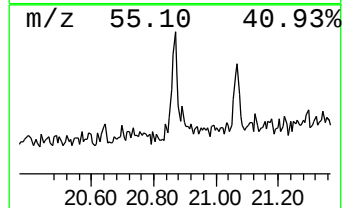
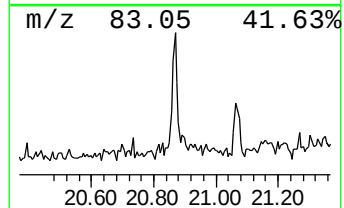
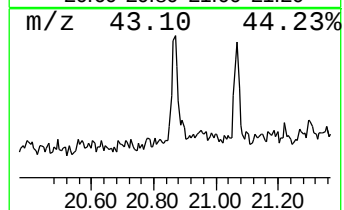
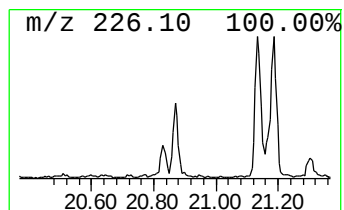
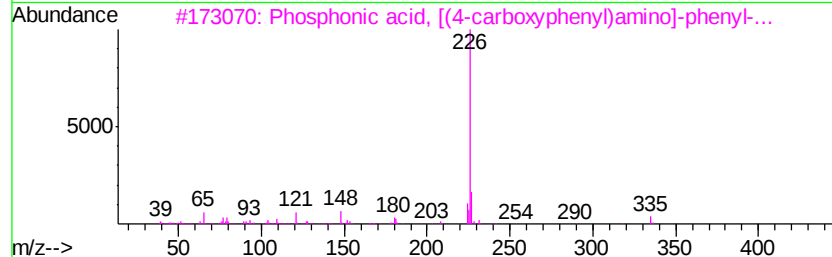
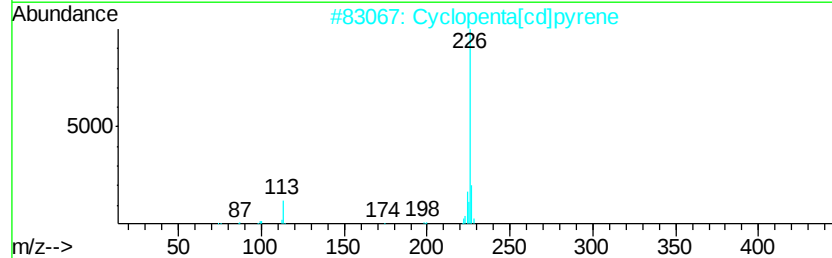
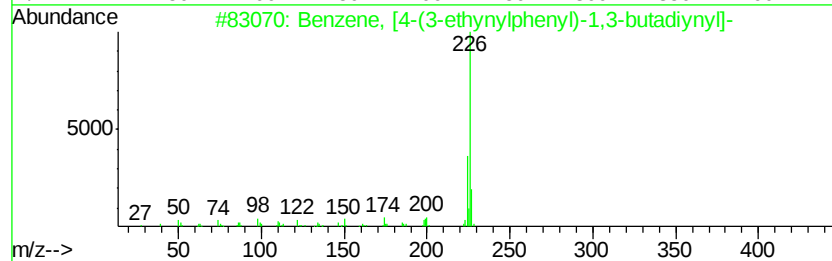
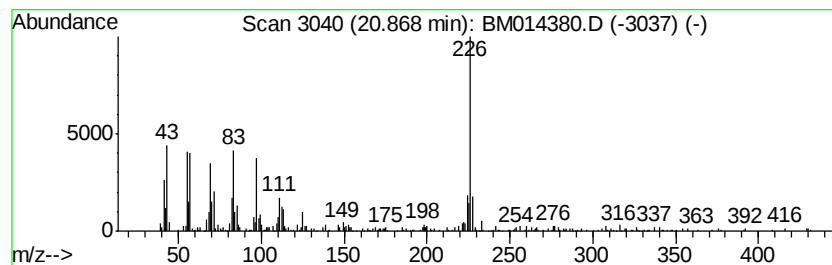
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.00 ng/ul	484111	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
2		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3		Phosphonic acid, [(4-carboxyphenyl)amino]-phenyl-	335	C16H18N05P	037753-62-1	38
4		L-Valine, N-(2,6-difluoro-3-meth...	467	C27H43F2N03	1000346-45-2	35
5		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	35



Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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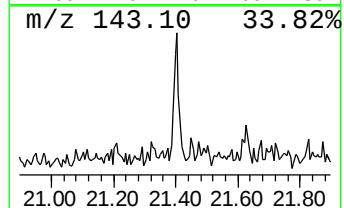
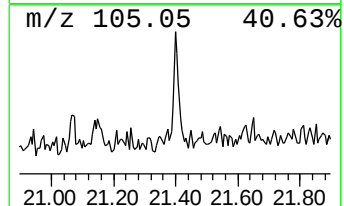
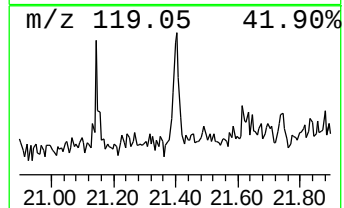
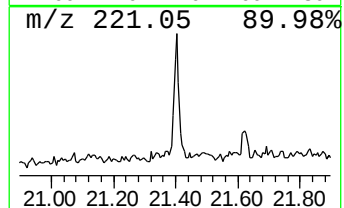
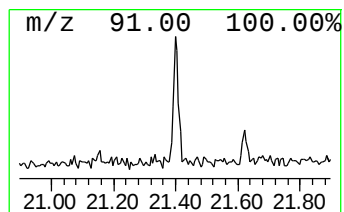
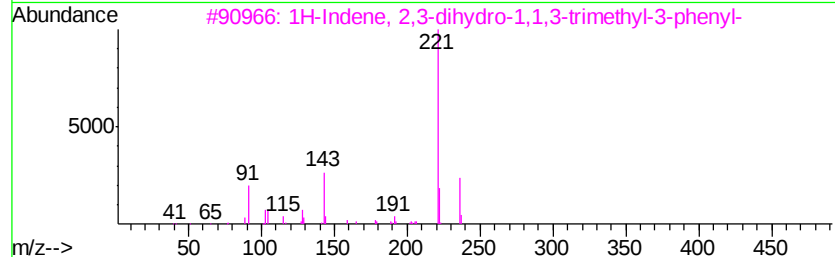
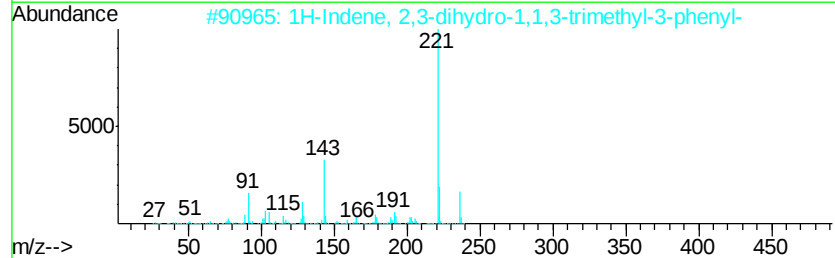
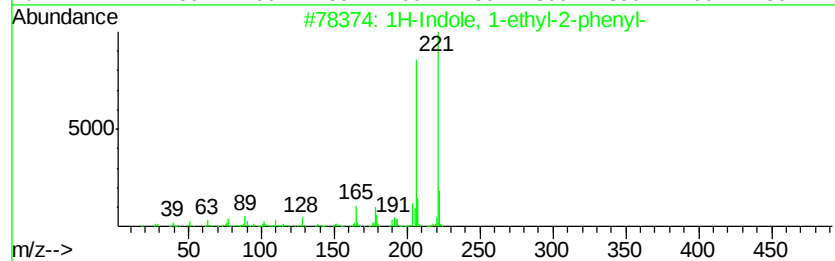
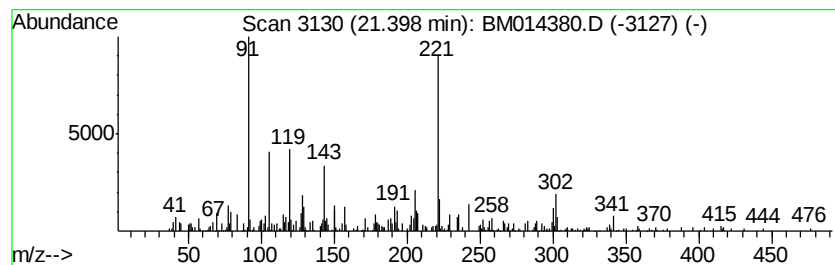
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.85 ng/ul	344170	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	46
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38
4		(E)-2-Hydroxy-4'-cyano-stilbene	221	C15H11NO	1000147-85-5	38
5		1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	30



Data Path : Z:\HPCHEM1\BNA_M\Data\BM022718\
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Acq On : 27 Feb 2018 13:36
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Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.68	3.3	ng/ul	116409	1	7.52	707321	20.0
(DEL) Alkane: Str...	15.04	2.5	ng/ul	151113	3	14.17	1185370	20.0
(DEL) Alkane: Str...	15.91	2.2	ng/ul	147705	4	16.94	1325930	20.0
1H-Indene, 2-phenyl-	17.82	3.2	ng/ul	213861	4	16.94	1325930	20.0
Tridecanoic acid	17.85	10.7	ng/ul	710252	4	16.94	1325930	20.0
Benzaldehyde, 3,5...	18.01	6.0	ng/ul	397343	4	16.94	1325930	20.0
Anthracene, 2-met...	18.04	2.4	ng/ul	161462	4	16.94	1325930	20.0
9,10-Bis(bromomet...	18.32	2.2	ng/ul	145488	4	16.94	1325930	20.0
9,10-Anthracenedione	18.38	4.0	ng/ul	268135	4	16.94	1325930	20.0
Phenanthrene, 3,6...	18.74	3.1	ng/ul	207865	4	16.94	1325930	20.0
Cyclopenta(def)ph...	18.90	2.7	ng/ul	179431	4	16.94	1325930	20.0
Pyrene, 2-methyl-	20.04	2.0	ng/ul	242349	5	21.15	2418190	20.0
unknown-02	20.87	4.0	ng/ul	484111	5	21.15	2418190	20.0
unknown-03	21.40	2.9	ng/ul	344170	5	21.15	2418190	20.0