

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014781.D
 Acq On : 23 Apr 2018 18:12
 Operator : SJ/JU
 Sample : J2431-27
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASM7

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-BM041918.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	3.357	9	12	18	rVB	166076	208348	2.11%	0.118%
2	3.699	67	70	77	rVB	143177	198653	2.01%	0.113%
3	4.851	260	266	277	rVB	1387114	1959365	19.87%	1.113%
4	5.504	371	377	388	rVB	869535	1252729	12.70%	0.711%
5	7.645	734	741	755	rBV	1120279	1851505	18.77%	1.051%
6	7.828	765	772	781	rBV	864214	1357547	13.77%	0.771%
7	8.045	801	809	817	rBV	1115139	1808748	18.34%	1.027%
8	8.528	884	891	902	rBV	1202664	2022056	20.50%	1.148%
9	9.051	970	980	987	rBV	589412	1486486	15.07%	0.844%
10	9.222	1001	1009	1020	rBV	1152699	1871553	18.98%	1.063%
11	9.710	1084	1092	1096	rBV	1004818	1837483	18.63%	1.043%
12	9.751	1096	1099	1108	rVB	816106	1278392	12.96%	0.726%
13	10.439	1208	1216	1218	rBV	810879	1341778	13.61%	0.762%
14	10.469	1218	1221	1229	rVB	864270	1419097	14.39%	0.806%
15	10.751	1261	1269	1275	rBV	685695	1064781	10.80%	0.605%
16	10.980	1300	1308	1310	rBV	1225242	2226561	22.58%	1.264%
17	11.304	1355	1363	1368	rBV	104089	158862	1.61%	0.090%
18	11.375	1368	1375	1379	rVV	1561492	2773105	28.12%	1.575%
19	11.422	1379	1383	1389	rVV	835242	1422012	14.42%	0.807%
20	11.492	1389	1395	1408	rVB	839176	1519626	15.41%	0.863%
21	12.598	1576	1583	1588	rBV	3040822	4740477	48.07%	2.692%
22	12.645	1588	1591	1598	rVB	144526	213914	2.17%	0.121%
23	12.992	1643	1650	1657	rBV	2395521	3714808	37.67%	2.109%
24	13.110	1664	1670	1678	rBV	95847	147246	1.49%	0.084%
25	13.210	1679	1687	1695	rVV	1987806	3094801	31.38%	1.757%
26	13.322	1700	1706	1712	rBV	1263210	1946493	19.74%	1.105%
27	13.574	1743	1749	1762	rVB	1025889	1550393	15.72%	0.880%
28	13.927	1799	1809	1814	rBV	120299	161368	1.64%	0.092%
29	14.021	1819	1825	1836	rVB	1608800	2506289	25.41%	1.423%
30	14.521	1901	1910	1914	rBV	2027659	2891971	29.33%	1.642%
31	14.563	1914	1917	1923	rVB	360251	492107	4.99%	0.279%
32	14.692	1933	1939	1944	rBV	592644	852436	8.64%	0.484%
33	14.827	1955	1962	1965	rBV	2315448	3690401	37.42%	2.095%
34	14.857	1965	1967	1974	rVV	1489739	1893402	19.20%	1.075%

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35	14.939	1974	1981	1985	rVV3	78936	179854	1.82%	0.102%
36	14.980	1985	1988	1995	rVB	80653	111630	1.13%	0.063%
37	15.127	2006	2013	2019	rBV2	2010385	3265637	33.11%	1.854%
38	15.192	2019	2024	2031	rVB	1408138	1983714	20.12%	1.126%
39	15.286	2033	2040	2049	rBV	1153976	1773506	17.98%	1.007%
40	15.463	2064	2070	2077	rVB	1610871	2339057	23.72%	1.328%
41	15.733	2110	2116	2126	rBV	2236070	3172358	32.17%	1.801%
42	15.915	2143	2147	2152	rVB2	126129	164829	1.67%	0.094%
43	16.104	2172	2179	2183	rBV	2986204	4519750	45.83%	2.566%
44	16.145	2183	2186	2193	rVV3	1941628	4011029	40.67%	2.278%
45	16.221	2193	2199	2209	rVB3	4214948	6667974	67.62%	3.786%
46	16.457	2233	2239	2249	rVB	931130	1294923	13.13%	0.735%
47	16.768	2288	2292	2305	rVB	76571	133880	1.36%	0.076%
48	17.027	2327	2336	2343	rBV	2125881	2966371	30.08%	1.684%
49	17.151	2351	2357	2363	rVB	2234217	3127503	31.71%	1.776%
50	17.839	2468	2474	2478	rBV2	2441591	3617297	36.68%	2.054%
51	17.880	2478	2481	2486	rVV	1763659	2590182	26.27%	1.471%
52	17.939	2486	2491	2494	rVV2	3630452	5316756	53.91%	3.019%
53	17.974	2494	2497	2510	rVB	2313912	3120979	31.65%	1.772%
54	18.298	2545	2552	2564	rBV	2596786	3457175	35.06%	1.963%
55	18.668	2610	2615	2621	rBV	285994	396293	4.02%	0.225%
56	19.851	2808	2816	2821	rVB	5424920	7303263	74.06%	4.147%
57	19.903	2821	2825	2832	rBV2	129125	183733	1.86%	0.104%
58	20.174	2865	2871	2874	rBV	4466903	6540899	66.33%	3.714%
59	20.203	2874	2876	2883	rVB	2311228	2638135	26.75%	1.498%
60	21.580	3107	3110	3118	rBV	580969	736865	7.47%	0.418%
61	21.921	3161	3168	3173	rBV2	3403563	7212873	73.14%	4.096%
62	21.968	3173	3176	3181	rVB	2218523	2787325	28.26%	1.583%
63	23.586	3448	3451	3456	rVB	406531	552691	5.60%	0.314%
64	23.662	3457	3464	3468	rVV	5296391	9861598	100.00%	5.600%
65	23.709	3468	3472	3480	rVB	1721875	2927333	29.68%	1.662%
66	24.262	3557	3566	3571	rBV	2965894	6790399	68.86%	3.856%
67	24.309	3571	3574	3584	rVB	1275115	2330005	23.63%	1.323%
68	24.421	3586	3593	3602	rVB	1895843	3977037	40.33%	2.258%
69	24.968	3682	3686	3694	rVB	492837	969713	9.83%	0.551%
70	27.009	4024	4033	4048	rVB2	2256053	6992943	70.91%	3.971%
71	27.803	4161	4168	4182	rVB	996132	3143795	31.88%	1.785%

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Stop Thrs : 0 Peak Location: TOP

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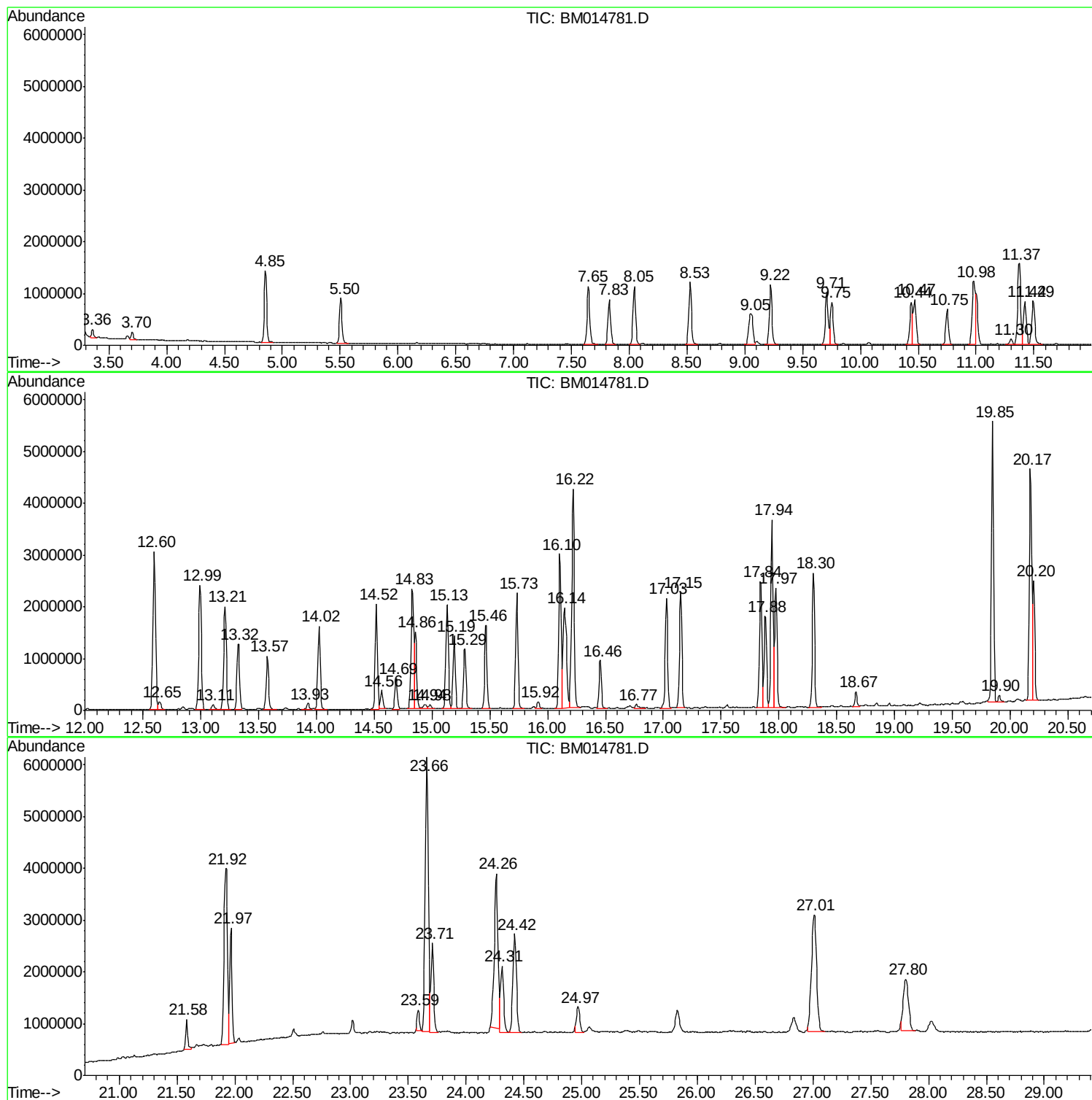
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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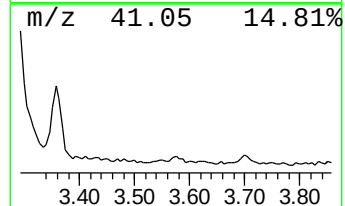
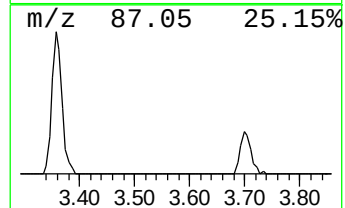
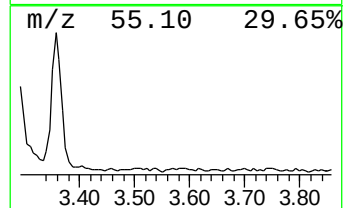
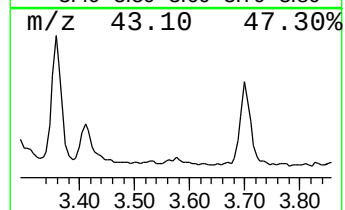
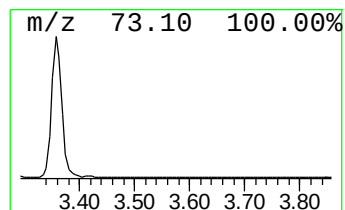
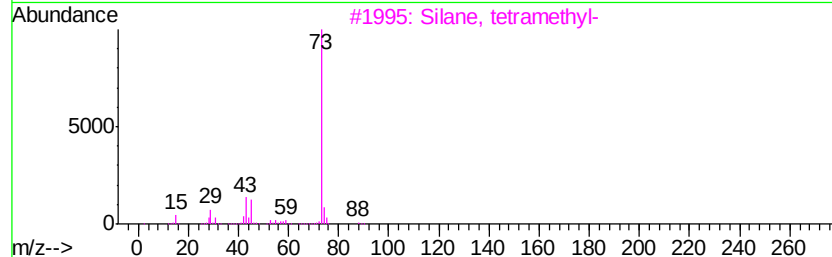
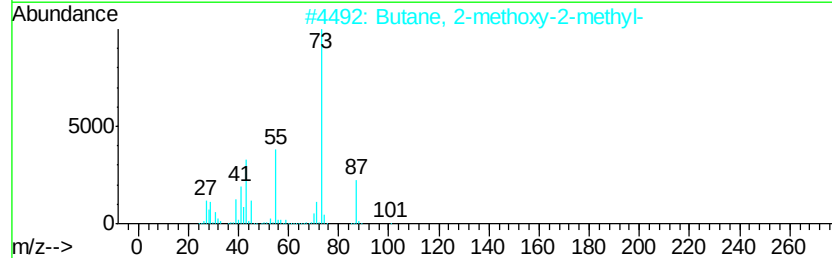
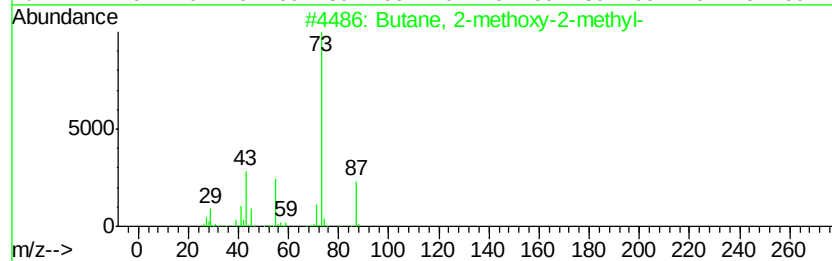
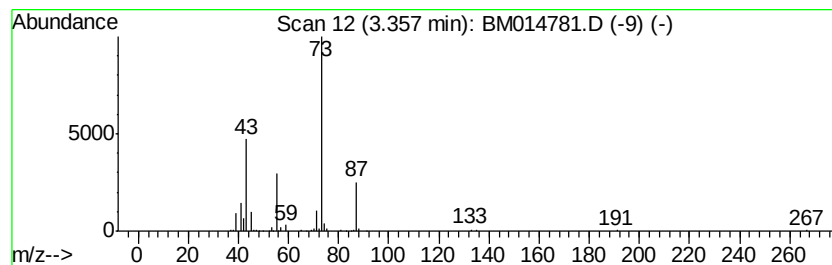
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	2.06 ng/ul	208348	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
4		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	40
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40



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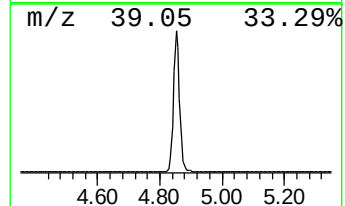
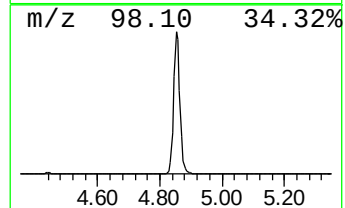
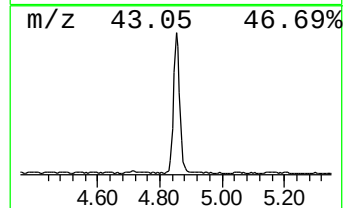
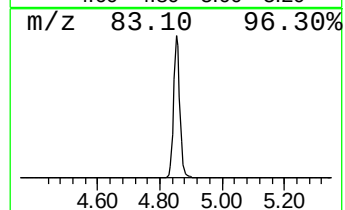
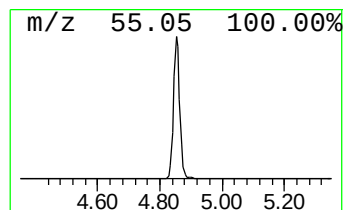
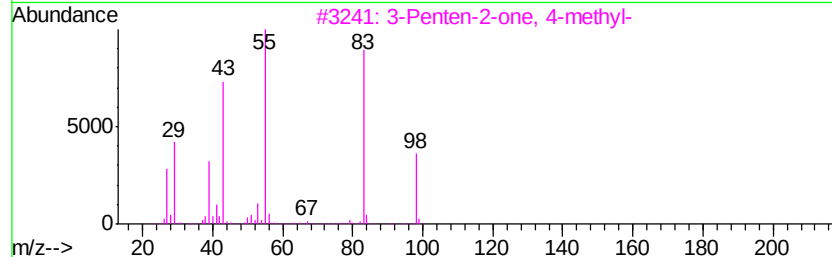
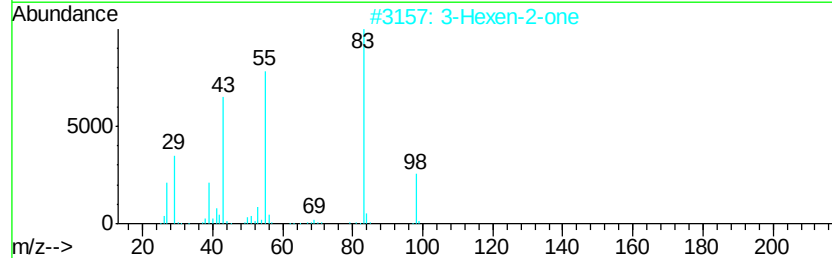
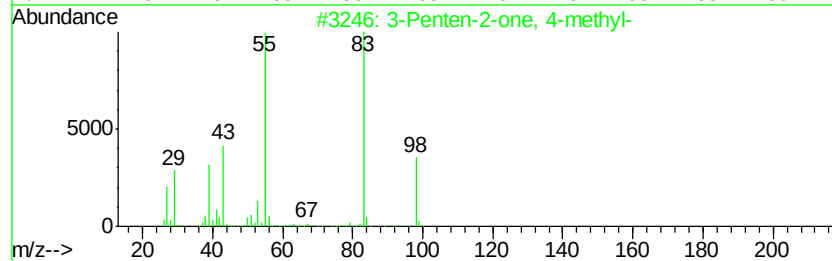
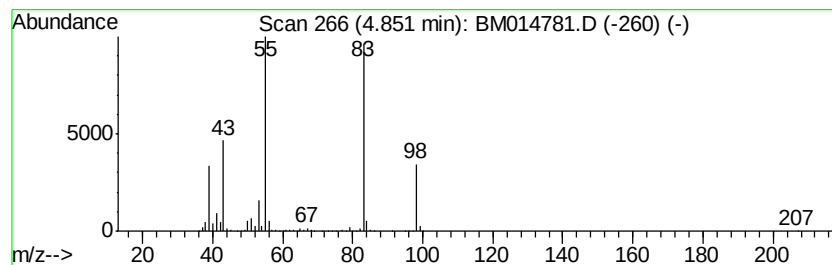
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	19.38 ng/ul	1959370	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5		3-Hexen-2-one	98	C6H10O	000763-93-9	87



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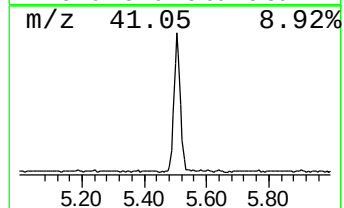
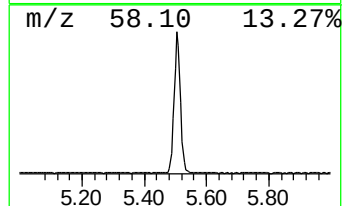
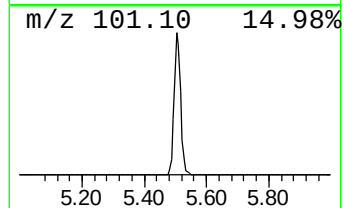
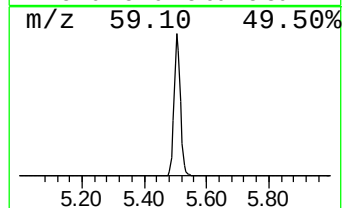
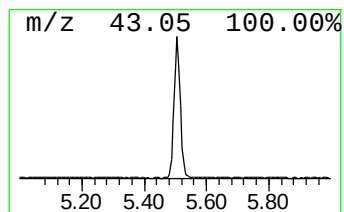
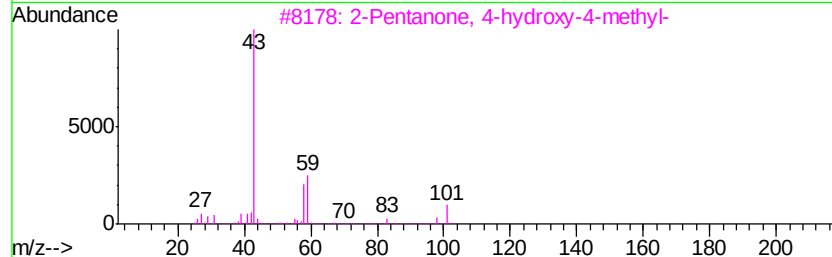
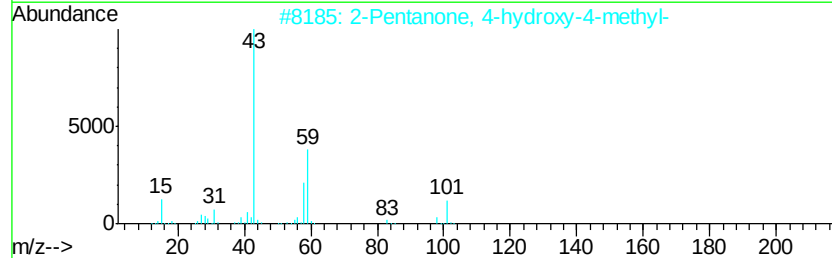
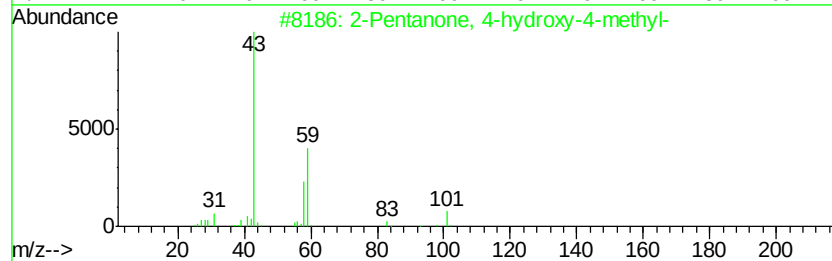
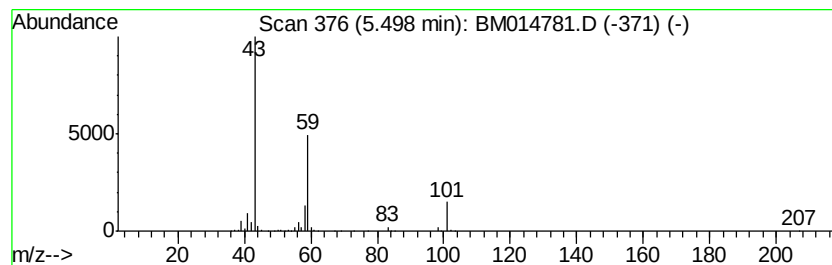
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	12.39 ng/ul	1252730	1,4-Dichlorobenzene-d4	8.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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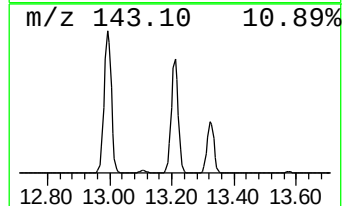
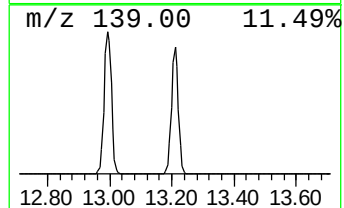
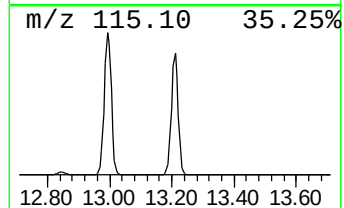
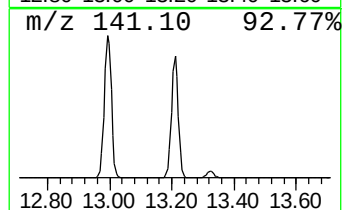
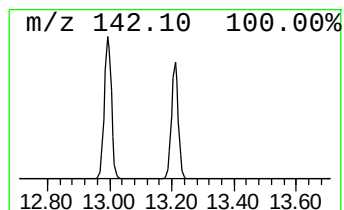
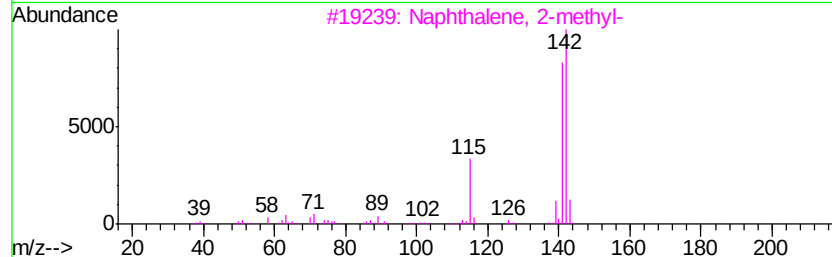
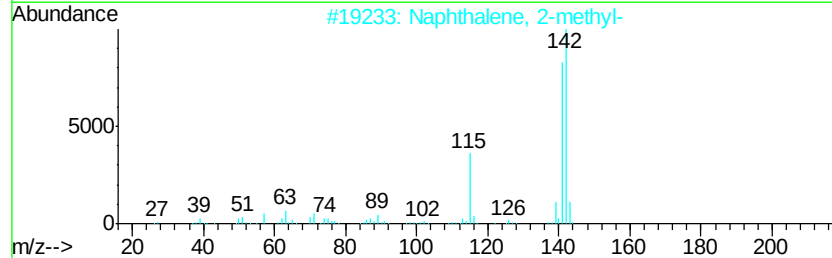
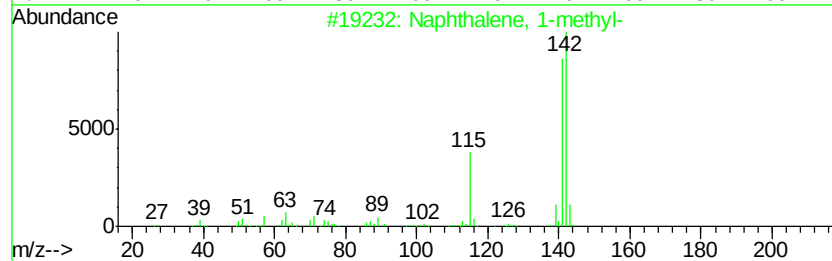
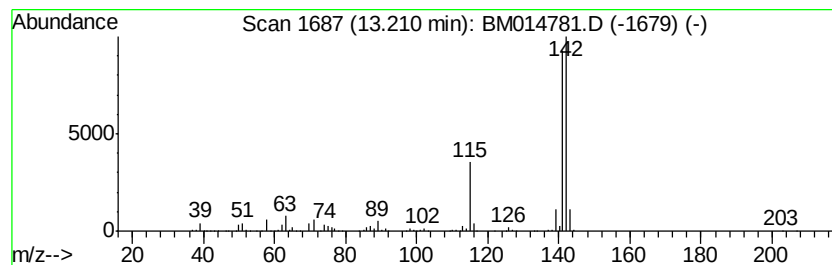
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	22.32 ng/ul	3094800	Naphthalene-d8	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014781.D
Acq On : 23 Apr 2018 18:12
Operator : SJ/JU
Sample : J2431-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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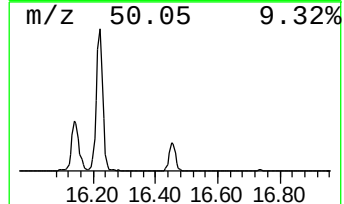
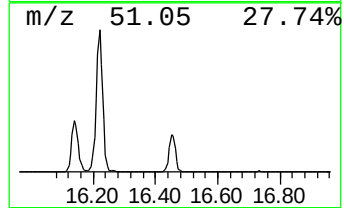
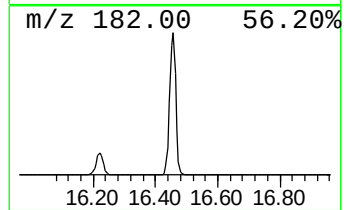
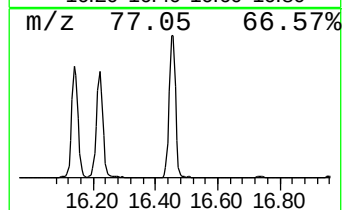
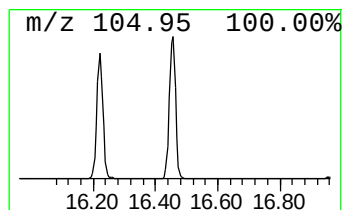
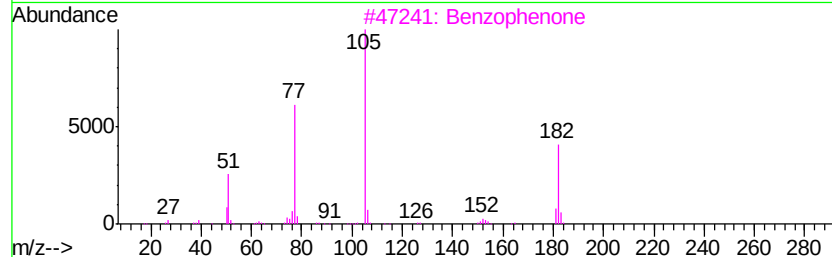
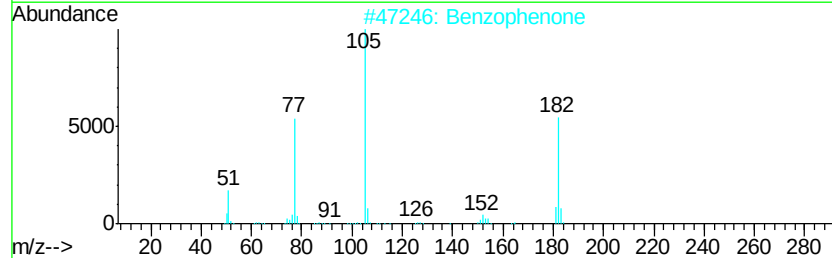
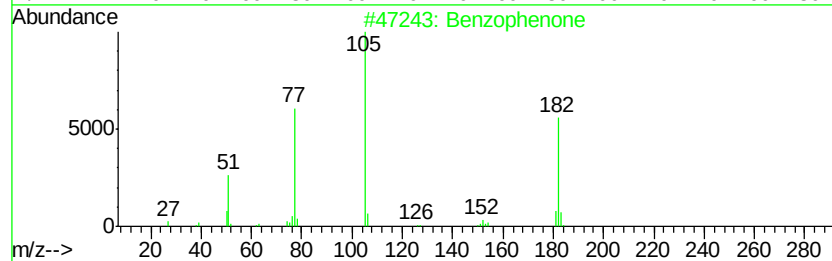
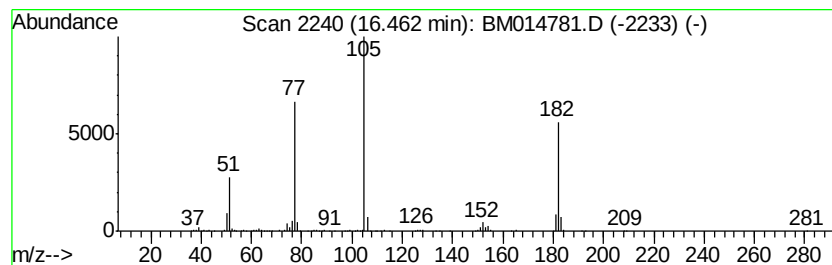
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	7.93 ng/ul	1294920	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	94
4		Benzophenone	182	C13H10O	000119-61-9	90
5		Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014781.D
Acq On : 23 Apr 2018 18:12
Operator : SJ/JU
Sample : J2431-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

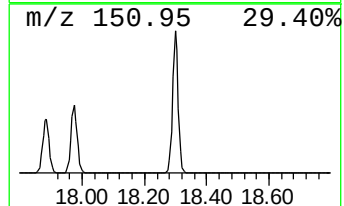
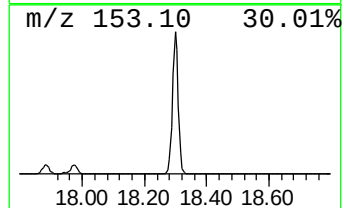
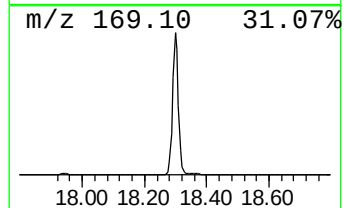
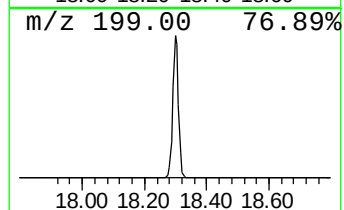
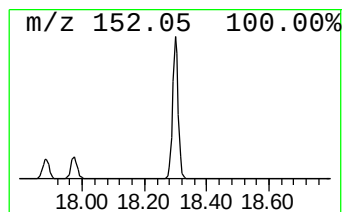
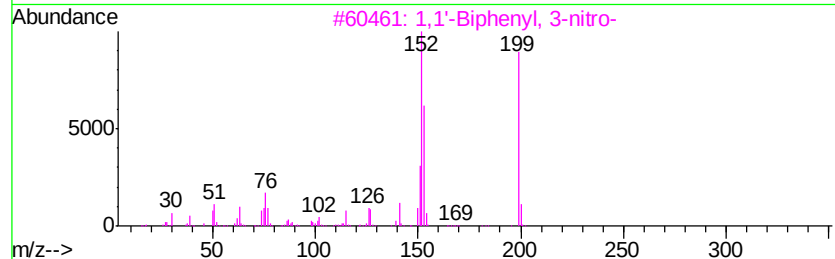
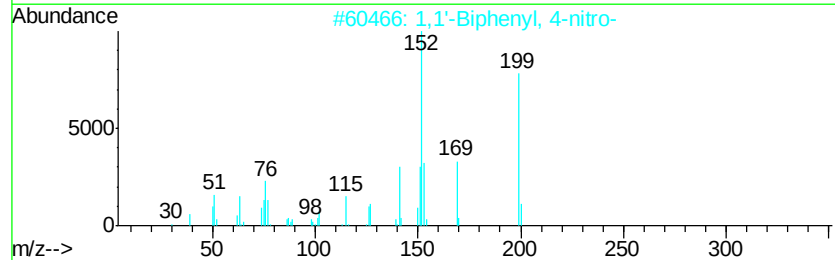
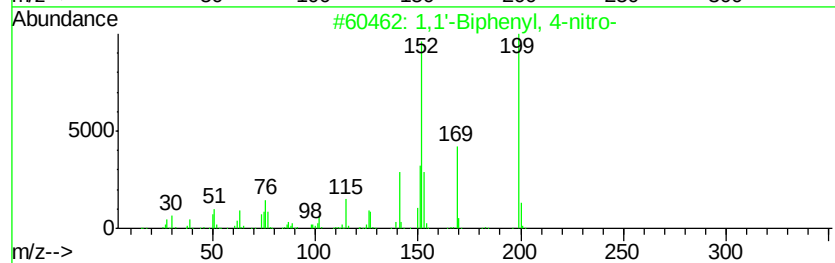
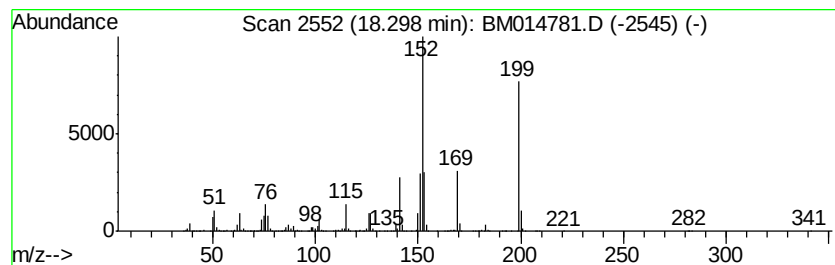
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	19.11 ng/ul	3457180	Phenanthrene-d10	17.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 4-nitro-	199 C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199 C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 3-nitro-	199 C12H9NO2	002113-58-8	90
4	Acenaphthylene, 1,2-dihydro-5-ni...	199 C12H9NO2	000602-87-9	80
5	1,1'-Biphenyl, 3-nitro-	199 C12H9NO2	002113-58-8	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014781.D
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Operator : SJ/JU
Sample : J2431-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

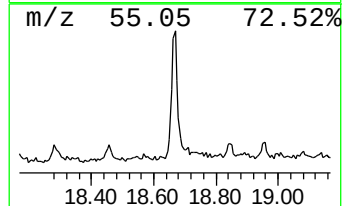
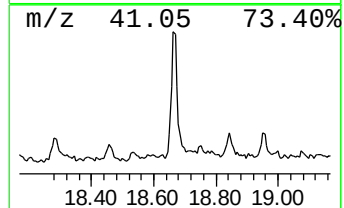
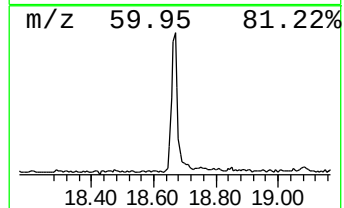
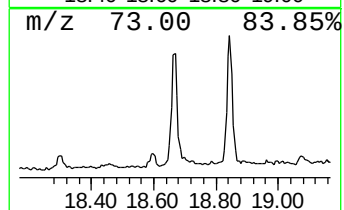
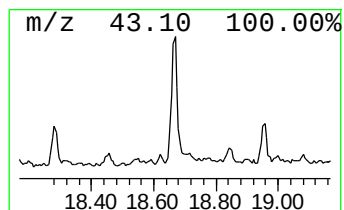
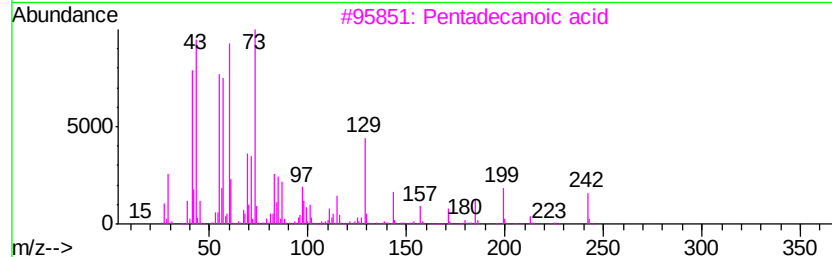
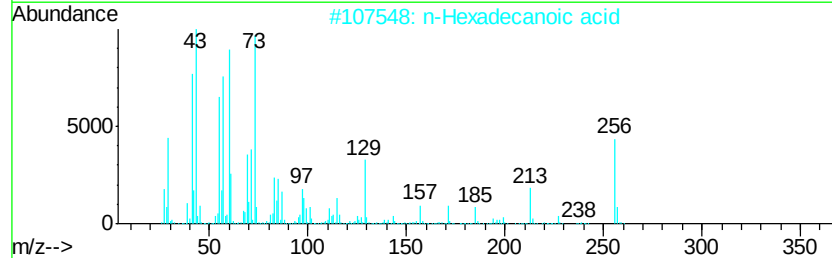
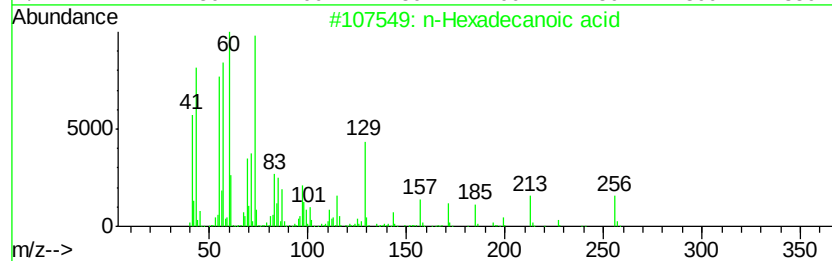
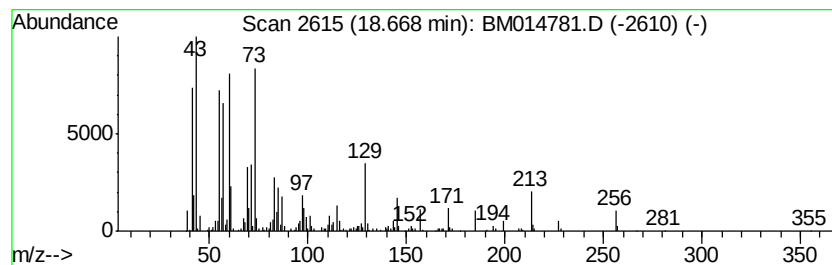
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.67	2.19 ng/ul	396293	Phenanthrene-d10		17.84		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Acq On : 23 Apr 2018 18:12
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Sample : J2431-27
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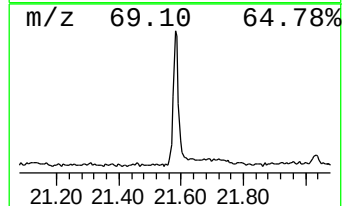
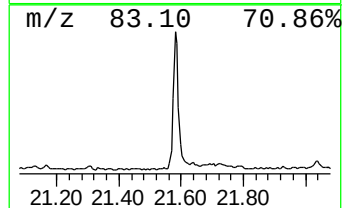
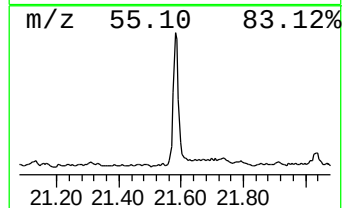
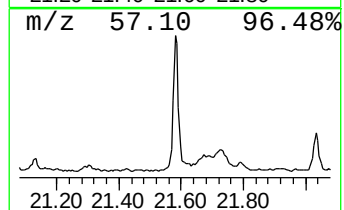
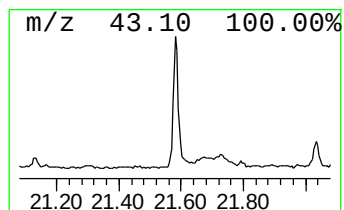
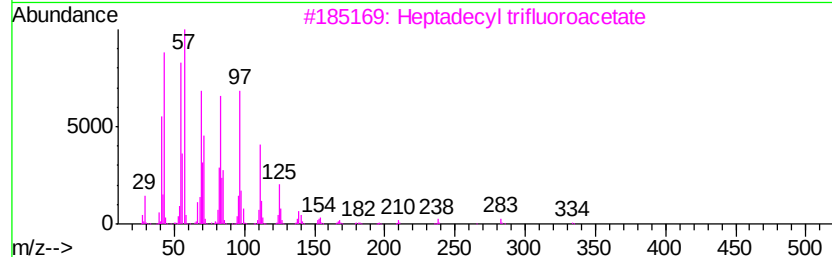
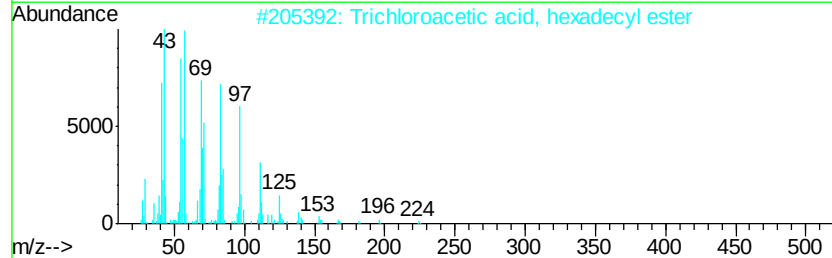
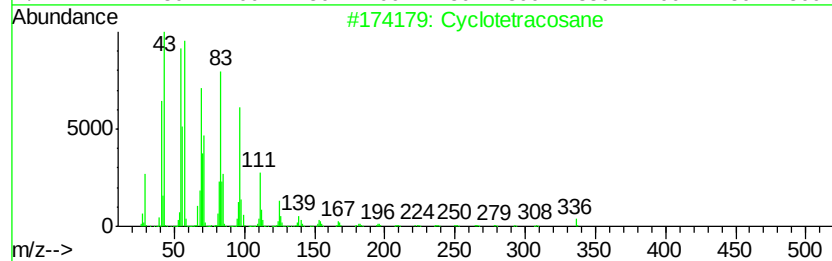
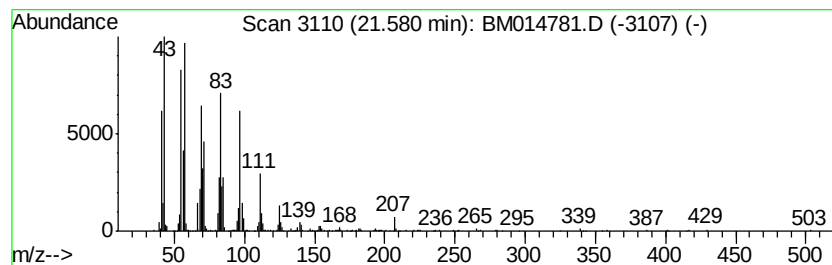
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.58 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.58	2.04 ng/ul	736865	Chrysene-d12	21.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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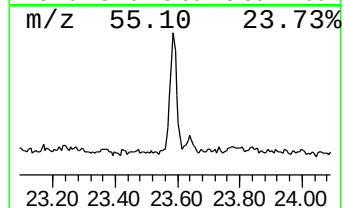
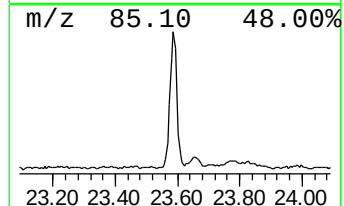
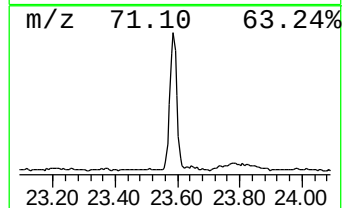
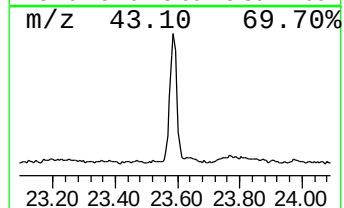
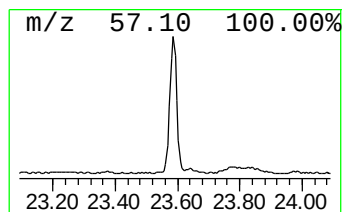
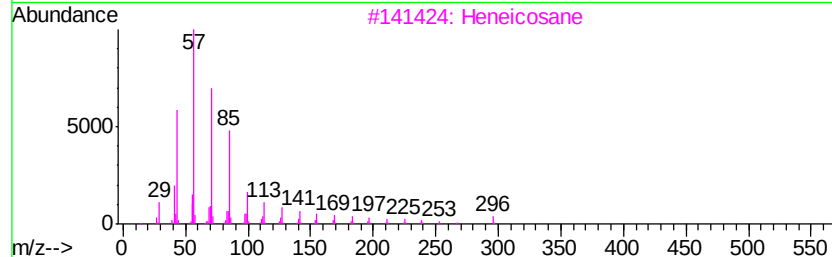
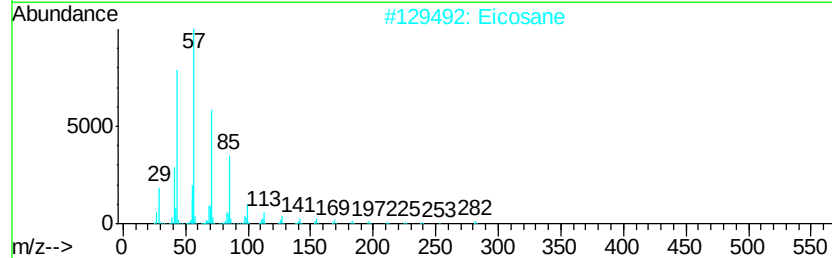
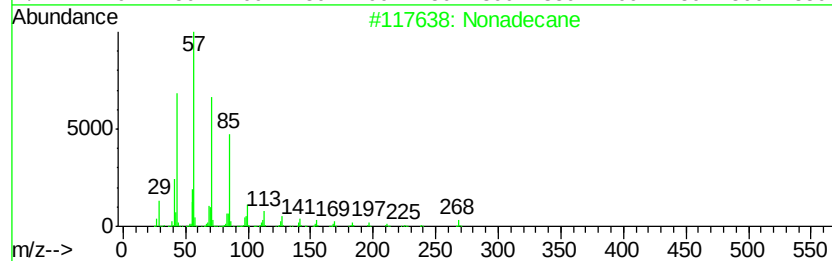
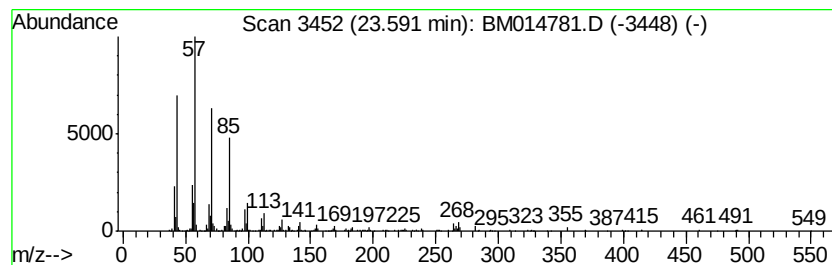
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	2.78 ng/ul	552691	Perylene-d12	24.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Heneicosane	296	C21H44	000629-94-7	95
4		Octacosane	394	C28H58	000630-02-4	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Misc :
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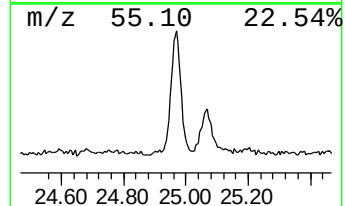
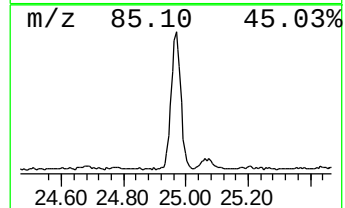
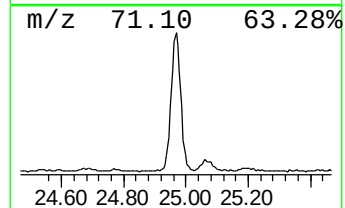
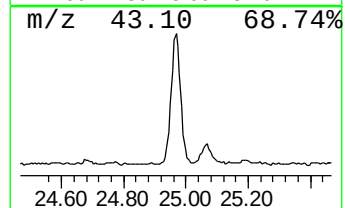
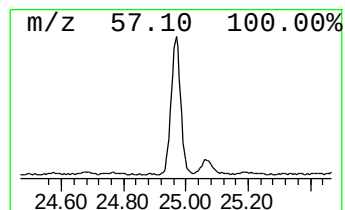
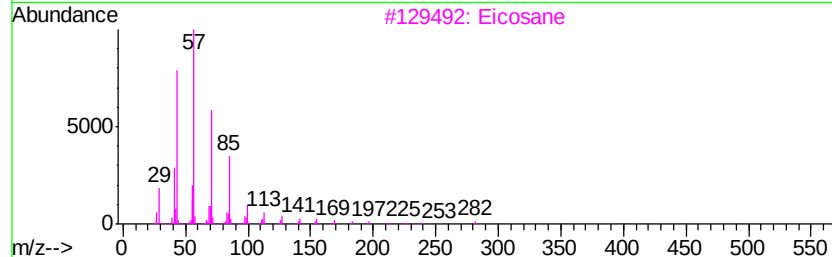
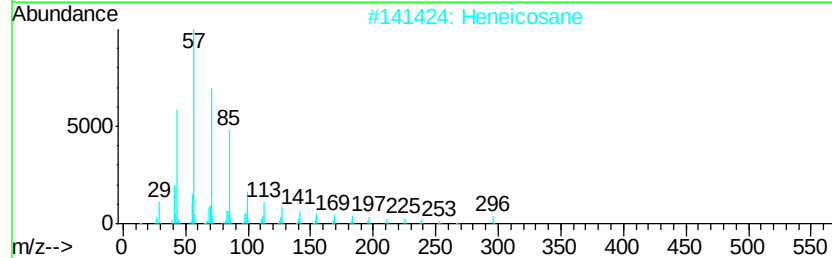
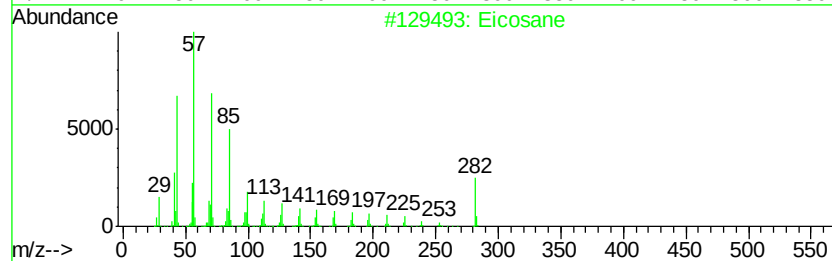
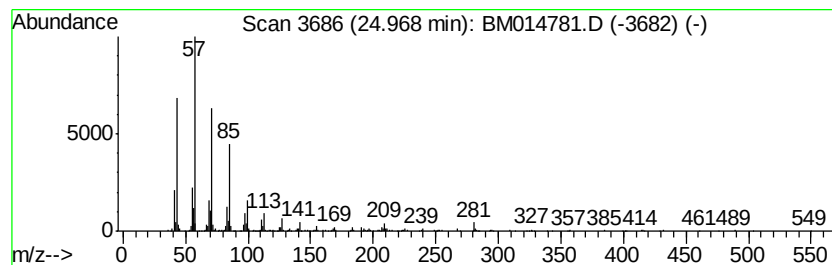
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	4.88 ng/ul	969713	Perylene-d12	24.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Heneicosane			296	C21H44	000629-94-7	93
3	Eicosane			282	C20H42	000112-95-8	92
4	Eicosane, 10-methyl-			296	C21H44	054833-23-7	90
5	Eicosane, 3-methyl-			296	C21H44	006418-46-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014781.D
Acq On : 23 Apr 2018 18:12
Operator : SJ/JU
Sample : J2431-27
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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...	3.36	2.1	ng/ul	208348	1	8.53	2022060	20.0
3-Penten-2-one, 4...	4.85	19.4	ng/ul	1959370	1	8.53	2022060	20.0
2-Pentanone, 4-hy...	5.50	12.4	ng/ul	1252730	1	8.53	2022060	20.0
Naphthalene, 1-me...	13.21	22.3	ng/ul	3094800	2	11.37	2773110	20.0
Benzophenone	16.46	7.9	ng/ul	1294920	3	15.13	3265640	20.0
1,1'-Biphenyl, 4-...	18.30	19.1	ng/ul	3457180	4	17.84	3617300	20.0
n-Hexadecanoic acid	18.67	2.2	ng/ul	396293	4	17.84	3617300	20.0
(DEL) Alkane: Cyc...	21.58	2.0	ng/ul	736865	5	21.93	7212870	20.0
(DEL) Alkane: Str...	23.59	2.8	ng/ul	552691	6	24.42	3977040	20.0
(DEL) Alkane: Str...	24.97	4.9	ng/ul	969713	6	24.42	3977040	20.0