

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013745.D
 Acq On : 23 Jan 2018 23:46
 Operator : SJ/JU
 Sample : J1221-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A23

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-BM011018.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	3.157	26	29	40	rVB4	51429	88162	1.76%	0.155%
2	4.769	297	303	312	rBV	65795	103593	2.07%	0.182%
3	6.793	641	647	660	rVB2	897640	1656225	33.07%	2.916%
4	6.951	667	674	684	rBV	677351	1015533	20.28%	1.788%
5	7.140	699	706	720	rVB	941710	1507825	30.11%	2.654%
6	7.604	779	785	794	rBV	630589	1000109	19.97%	1.761%
7	8.316	900	906	922	rBV	1107645	1840316	36.74%	3.240%
8	8.763	972	982	992	rBV	905497	1503042	30.01%	2.646%
9	9.475	1095	1103	1113	rBV	773673	1328431	26.52%	2.339%
10	10.010	1187	1194	1207	rBV	1120306	1964674	39.23%	3.459%
11	10.381	1250	1257	1266	rVB	836536	1388804	27.73%	2.445%
12	10.533	1276	1283	1296	rBV	622337	1212259	24.20%	2.134%
13	11.716	1477	1484	1491	rBV	186647	328215	6.55%	0.578%
14	11.922	1510	1519	1526	rBV	324545	552601	11.03%	0.973%
15	13.674	1811	1817	1822	rBV	1901770	2663675	53.18%	4.689%
16	13.722	1822	1825	1834	rVB	685713	925195	18.47%	1.629%
17	13.951	1857	1864	1872	rBV	2204850	3330983	66.51%	5.864%
18	14.257	1910	1916	1925	rVB2	1200759	1815955	36.26%	3.197%
19	14.486	1950	1955	1971	rBV	615322	1148839	22.94%	2.022%
20	15.257	2079	2086	2094	rBV	2846829	3926549	78.40%	6.912%
21	15.398	2104	2110	2119	rBV	740796	1129586	22.55%	1.989%
22	15.498	2123	2127	2132	rVV4	35450	51769	1.03%	0.091%
23	15.627	2143	2149	2157	rBV	1742626	2361358	47.15%	4.157%
24	17.010	2379	2384	2394	rVB2	1556185	2198600	43.90%	3.870%
25	17.110	2394	2401	2415	rBV2	3067122	4290449	85.66%	7.553%
26	17.915	2534	2538	2545	rBV2	161330	248435	4.96%	0.437%
27	19.051	2729	2731	2735	rVB3	44236	56267	1.12%	0.099%
28	19.203	2753	2757	2762	rBV6	100377	151911	3.03%	0.267%
29	19.327	2771	2778	2784	rVB	346742	461303	9.21%	0.812%
30	19.415	2787	2793	2801	rBV	3554364	4895239	97.74%	8.618%
31	20.009	2890	2894	2899	rBV5	127913	209057	4.17%	0.368%
32	20.356	2946	2953	2959	rBV5	250181	516591	10.31%	0.909%
33	20.827	3030	3033	3039	rBV3	59197	84567	1.69%	0.149%
34	20.933	3048	3051	3056	rVB5	104994	145856	2.91%	0.257%

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35	21.009	3060	3064	3073	rBV9	119680	288292	5.76%	0.508%
36	21.209	3093	3098	3106	rBV	2141226	2697140	53.85%	4.748%
37	21.750	3187	3190	3195	rBV5	116468	166308	3.32%	0.293%
38	23.274	3442	3449	3459	rBV2	2687613	5008515	100.00%	8.817%
39	23.409	3466	3472	3482	rVB	1408717	2543092	50.78%	4.477%

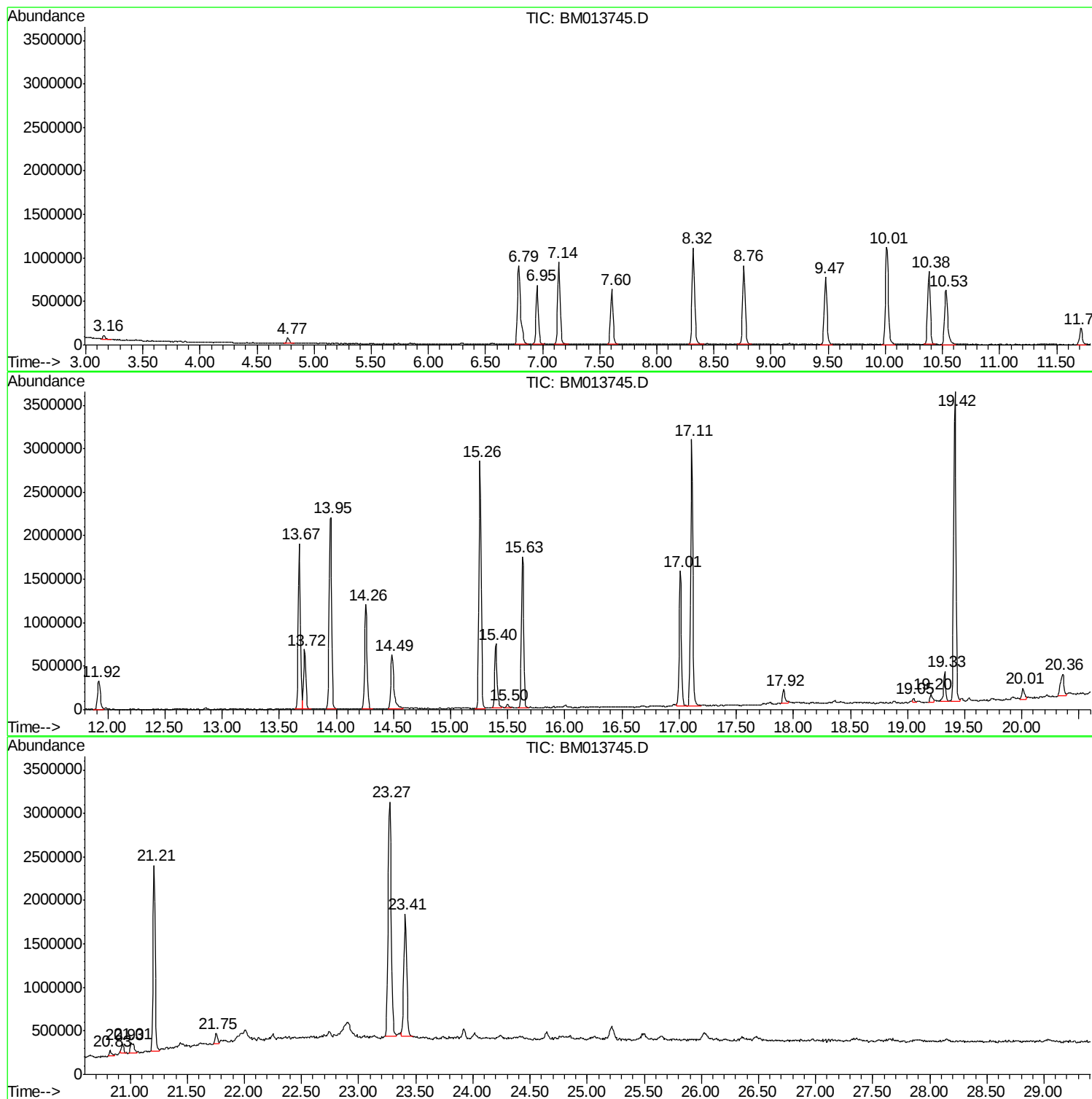
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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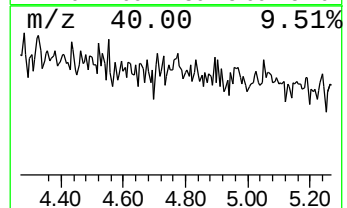
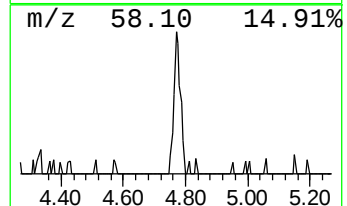
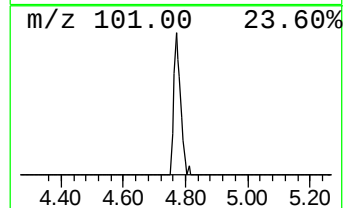
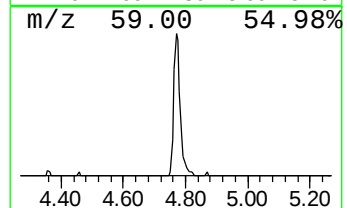
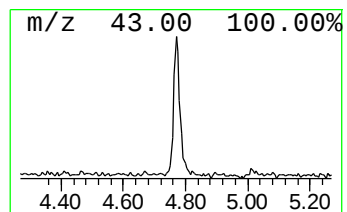
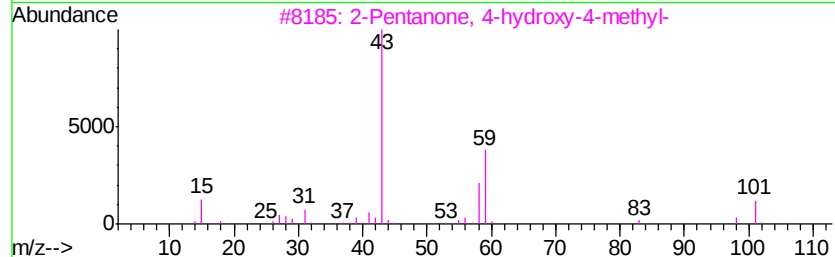
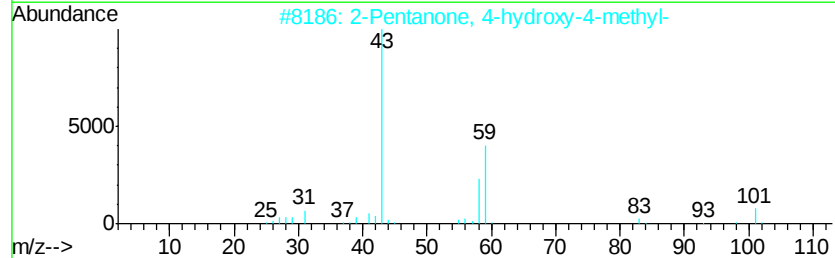
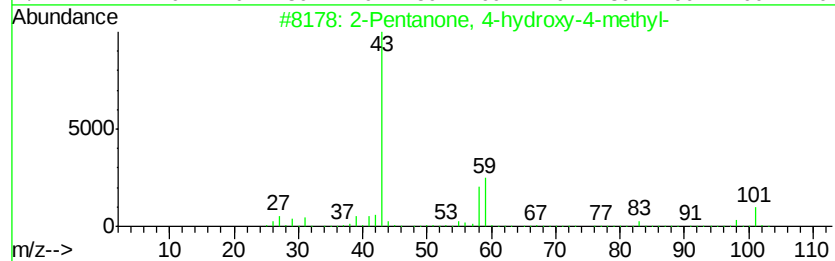
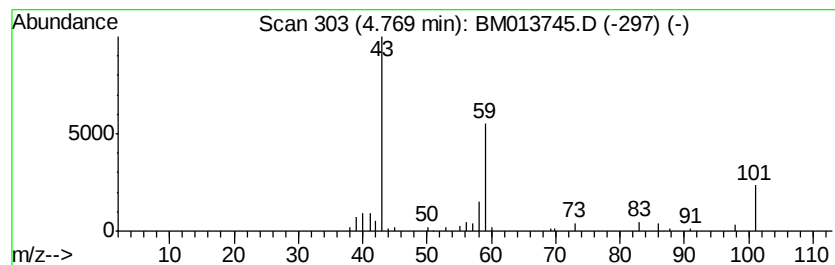
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	2.07 ng/ul	103593	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
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	33
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	12



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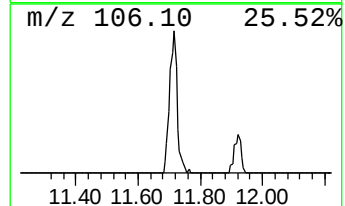
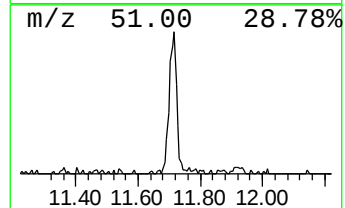
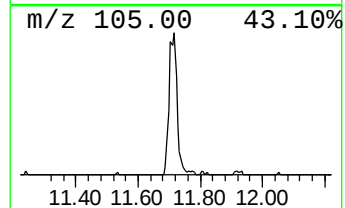
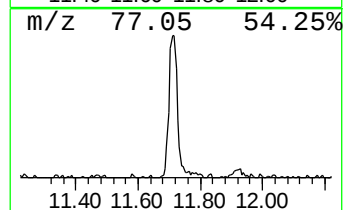
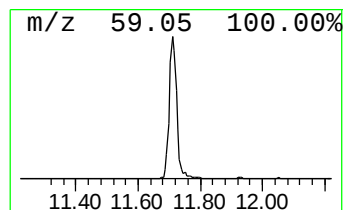
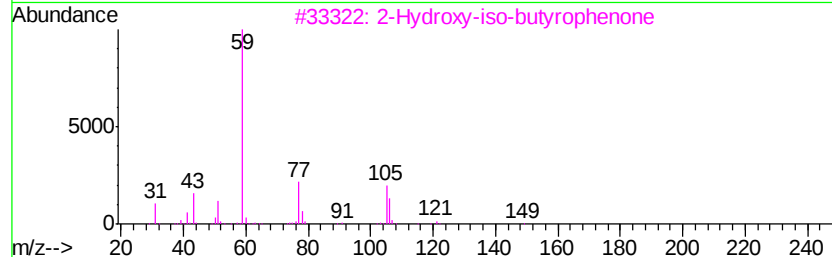
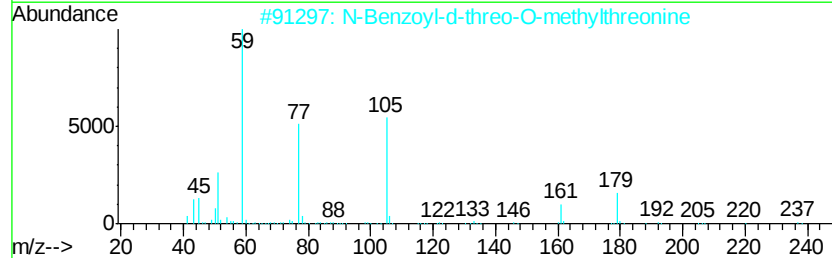
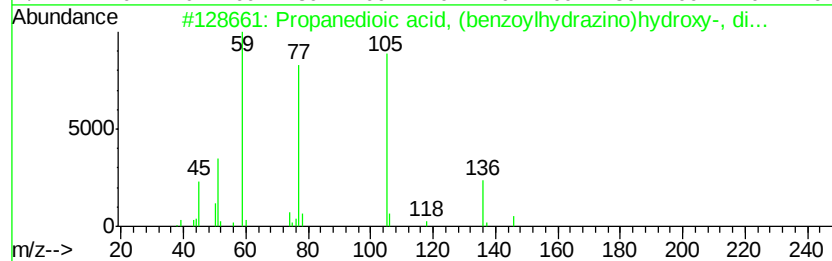
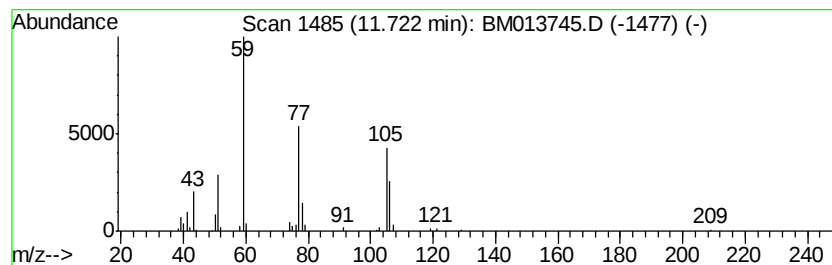
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Peak Number 2 Propanedioic acid, (benzoyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	4.73 ng/ul	328215	Napthalene-d8	10.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	72
2		N-Benzoyl-d-threo-O-methylthreonine	237	C12H15N04	131644-54-7	56
3		2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	38
4		Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	25
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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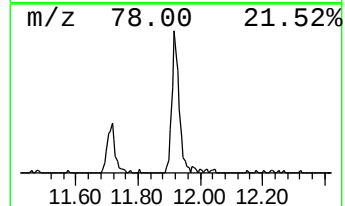
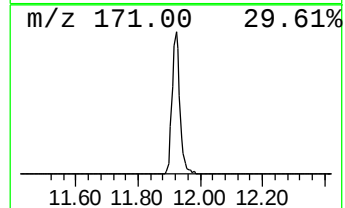
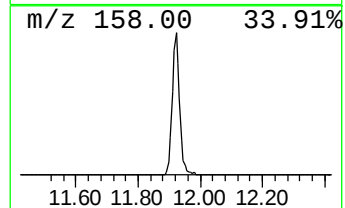
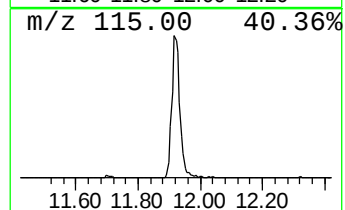
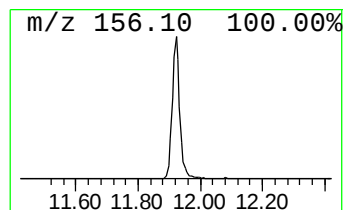
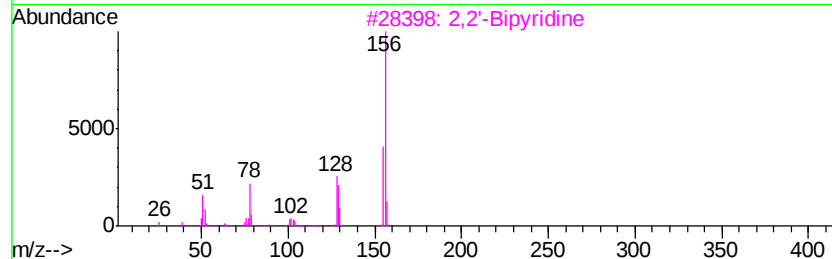
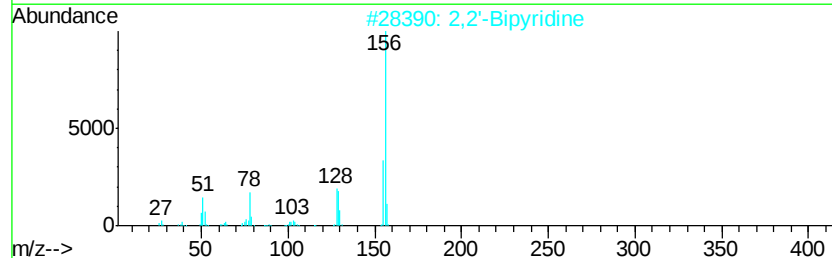
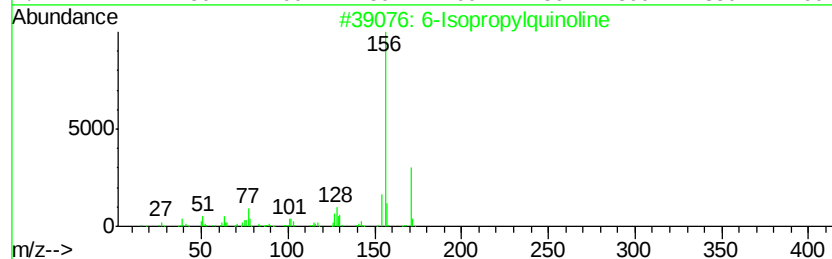
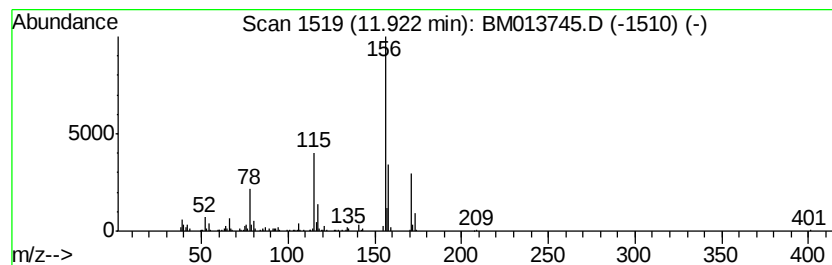
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Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.96 ng/ul	552601	Napthalene-d8	10.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
2		2,2'-Bipyridine	156	C10H8N2	000366-18-7	38
3		2,2'-Bipyridine	156	C10H8N2	000366-18-7	32
4		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5		Tebuthiuron	228	C9H16N4OS	034014-18-1	25



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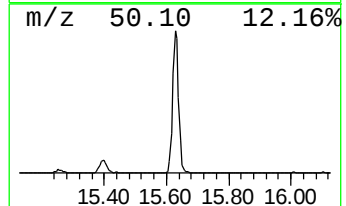
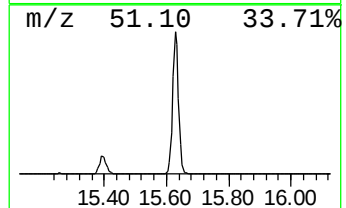
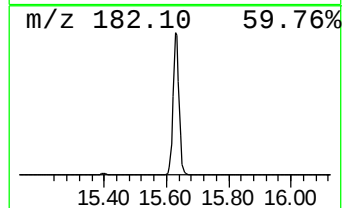
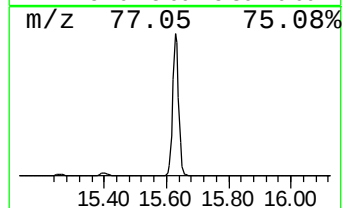
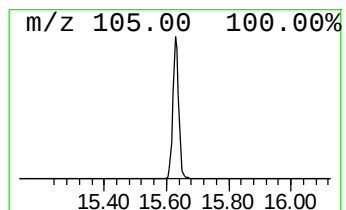
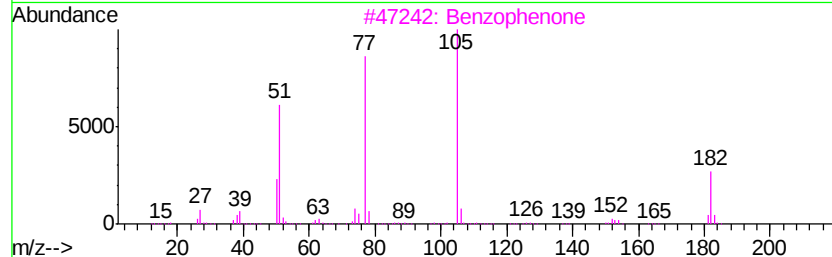
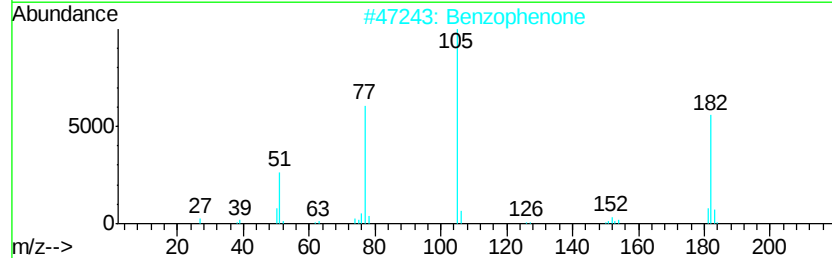
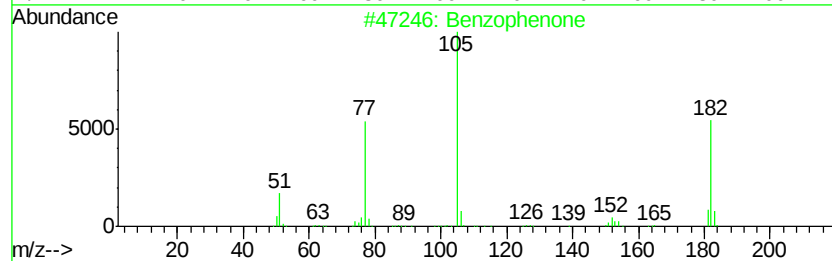
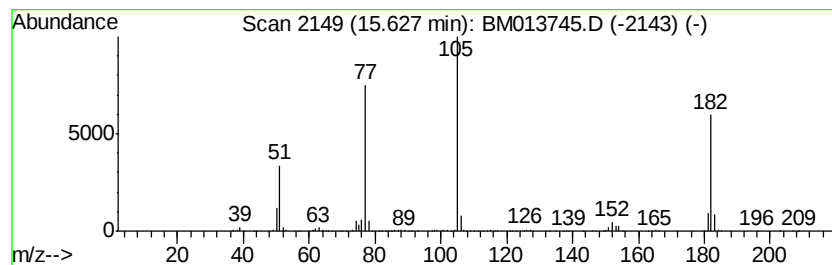
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Peak Number 4 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	26.01 ng/ul	2361360	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	97
2		Benzophenone	182	C13H10O	000119-61-9	96
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	94
5		Benzophenone	182	C13H10O	000119-61-9	91



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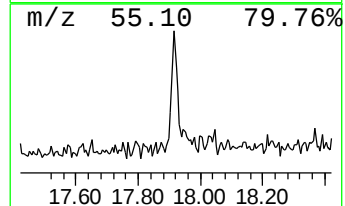
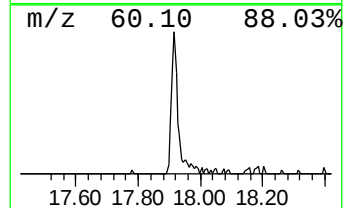
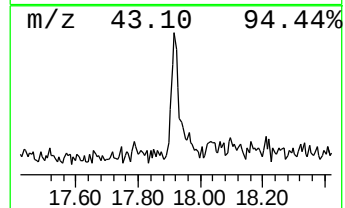
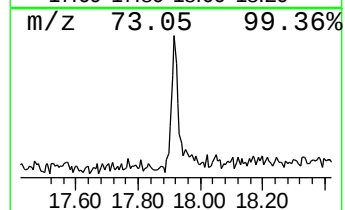
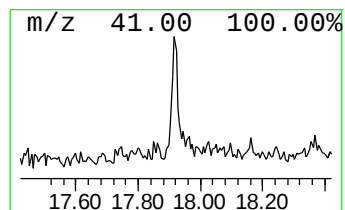
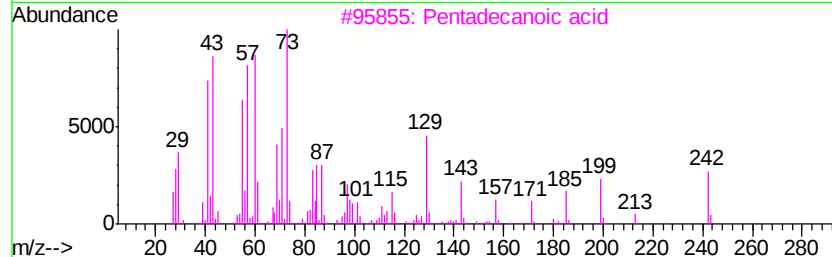
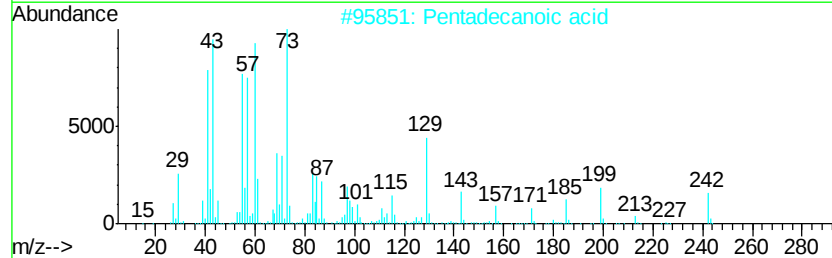
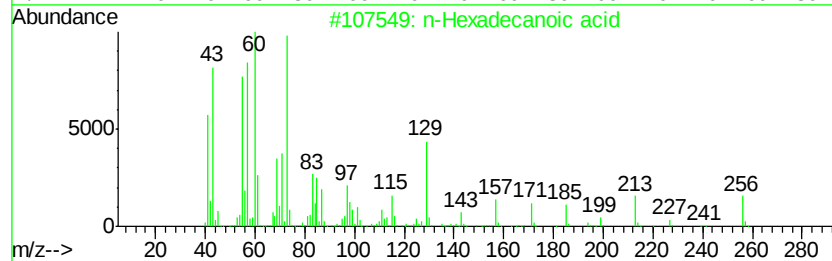
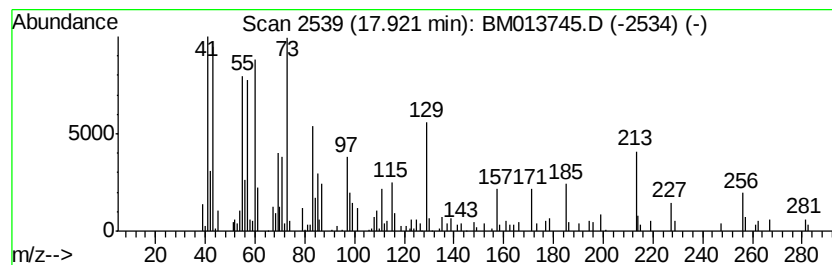
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.26 ng/ul	248435	Phenanthrene-d10	17.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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Acq On : 23 Jan 2018 23:46
Operator : SJ/JU
Sample : J1221-02
Misc :
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Instrument :
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ClientSampleId :
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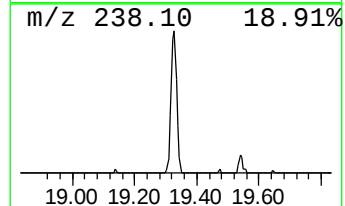
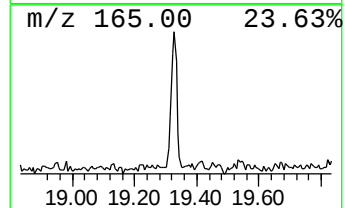
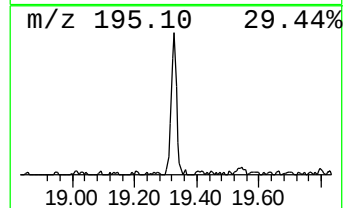
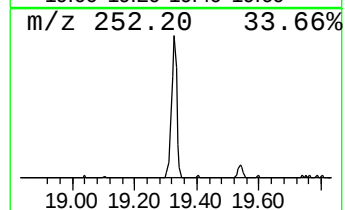
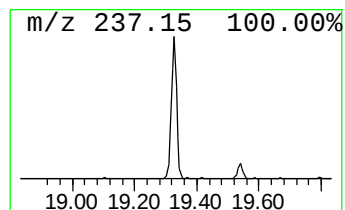
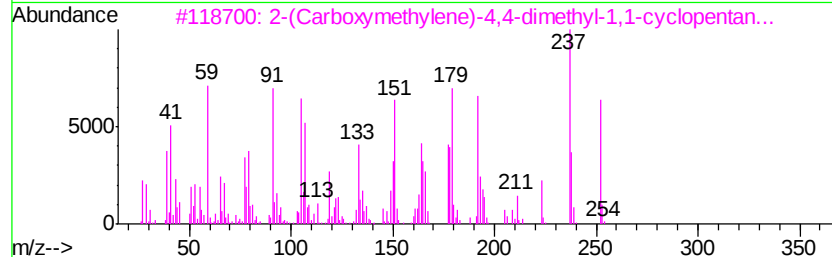
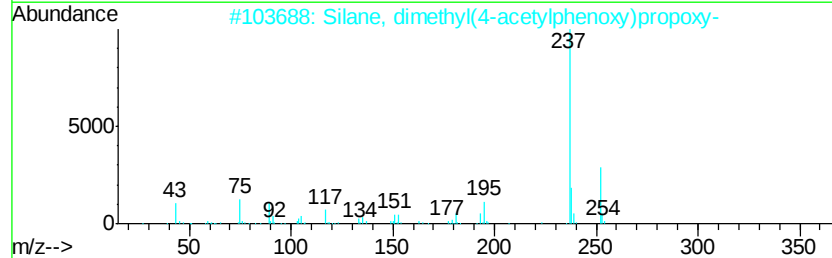
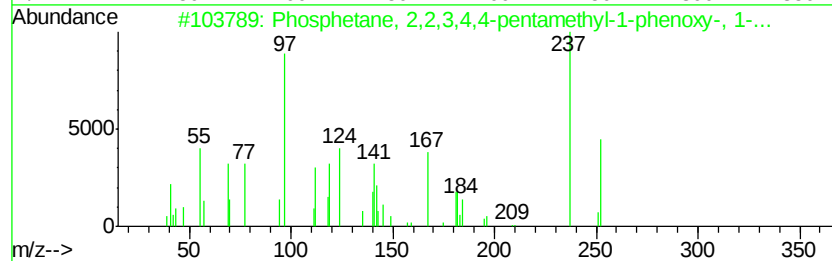
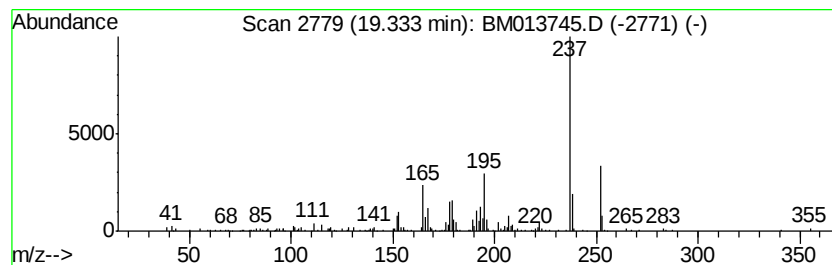
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phosphetane, 2,2,3,4,4-pent... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.42 ng/ul	461303	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	90
2		Silane, dimethyl(4-acetylphenoxy...	252	C13H20O3Si	1000347-30-8	58
3		2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	58
4		Methyl-4,6-bis(isopropylamino)-1...	252	C11H20N6O	300587-35-3	58
5		10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013745.D
Acq On : 23 Jan 2018 23:46
Operator : SJ/JU
Sample : J1221-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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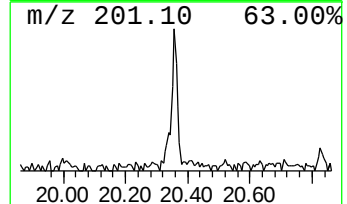
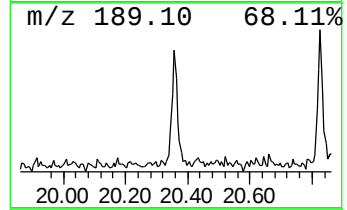
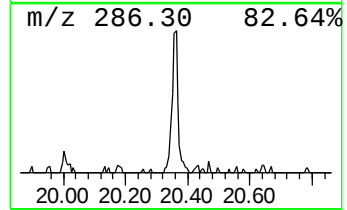
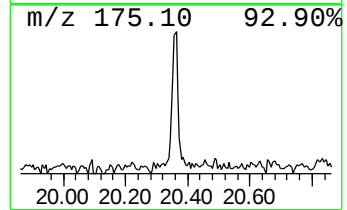
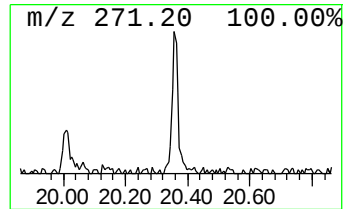
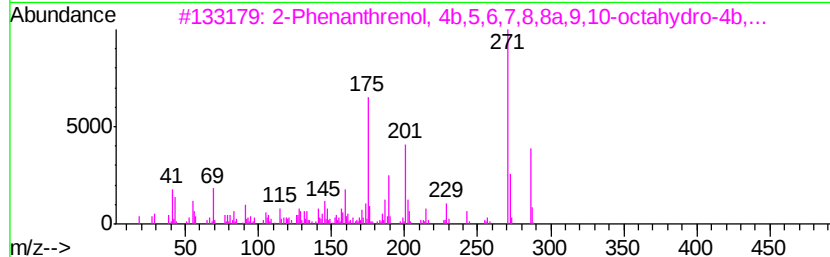
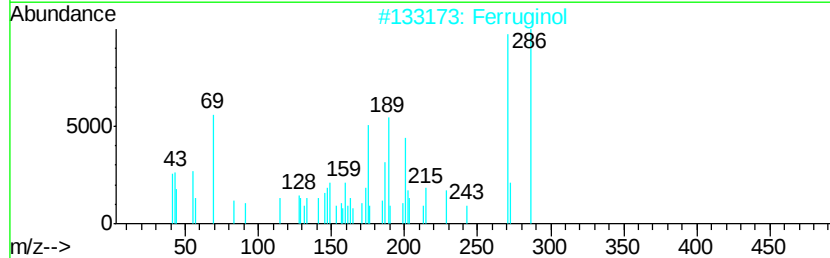
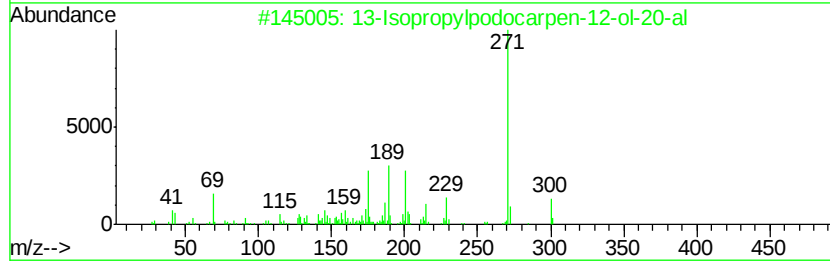
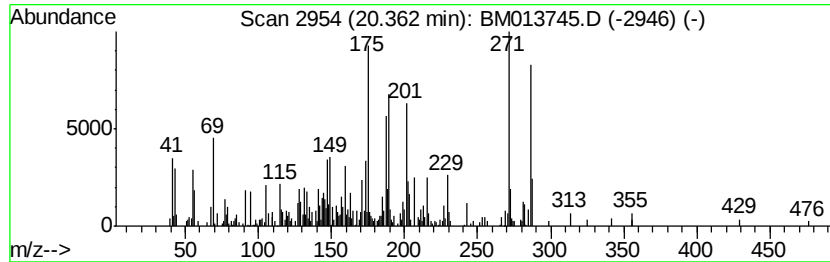
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 13-Isopropylpodocarpene-12-ol... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	3.83 ng/ul	516591	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Isopropylpodocarpene-12-ol-20-al	300	C20H28O2	024035-37-8	68
2		Ferruginol	286	C20H30O	000514-62-5	60
3		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	50
4		2-Di(tert-butyl)silyloxynaphthalene	286	C18H26OSi	1000307-94-6	46
5		1',2'-Dihydro-2,2'-dimethyl-4,4'...	286	C20H18N2	1000326-82-8	45



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013745.D
Acq On : 23 Jan 2018 23:46
Operator : SJ/JU
Sample : J1221-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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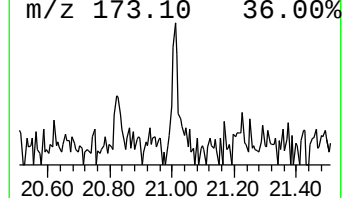
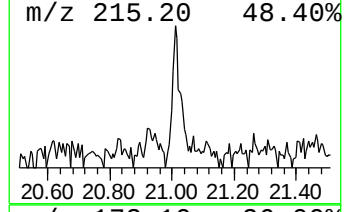
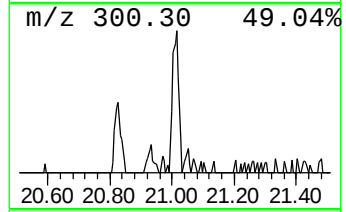
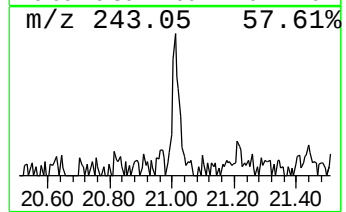
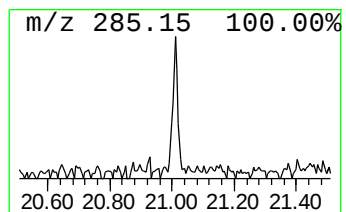
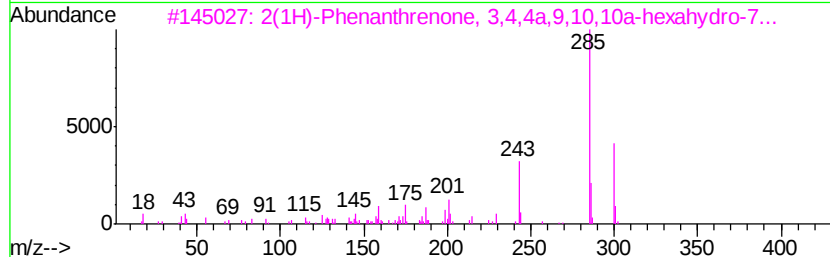
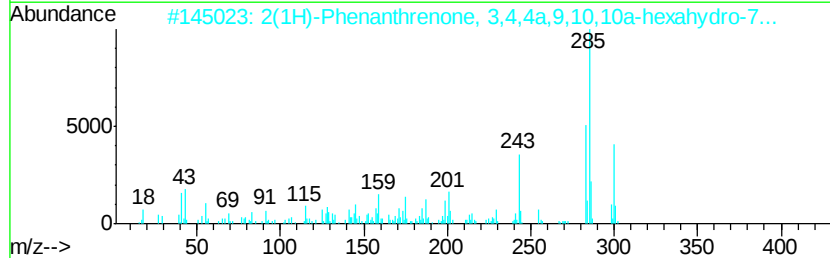
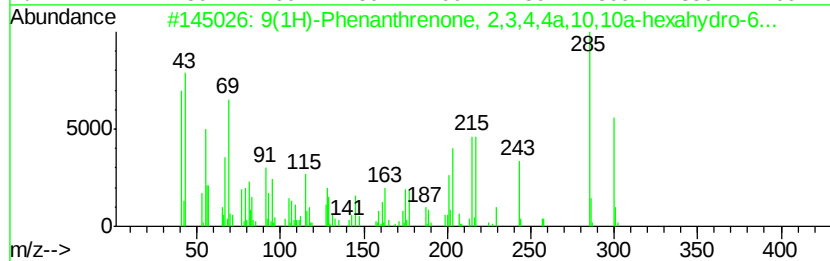
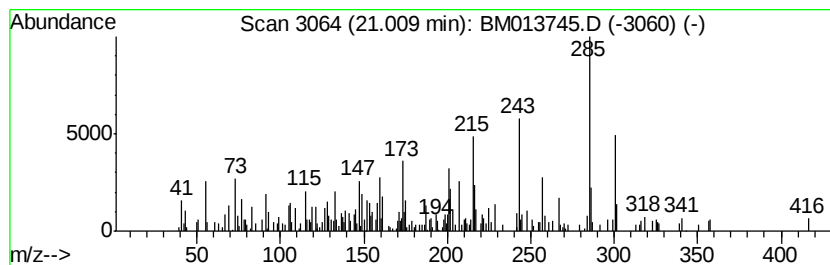
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.14 ng/ul	288292	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	86
2		2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	60
3		2(1H)-Phenanthrenone, 3,4,4a,9,1...	300	C20H28O2	006755-93-7	60
4		Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	015340-83-7	53
5		Silane, dimethyl(2-chloro-5-meth...	300	C15H25ClO2Si	1000347-54-8	46



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013745.D
Acq On : 23 Jan 2018 23:46
Operator : SJ/JU
Sample : J1221-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
2-Pentanone, 4-hy...	4.77	2.1	ng/ul	103593	1	7.60	1000110	20.0
Propanedioic acid...	11.72	4.7	ng/ul	328215	2	10.38	1388800	20.0
unknown-01	11.92	8.0	ng/ul	552601	2	10.38	1388800	20.0
Benzophenone	15.63	26.0	ng/ul	2361360	3	14.26	1815960	20.0
n-Hexadecanoic acid	17.92	2.3	ng/ul	248435	4	17.01	2198600	20.0
Phosphetane, 2,2,...	19.33	3.4	ng/ul	461303	5	21.21	2697140	20.0
13-Isopropylpodoc...	20.36	3.8	ng/ul	516591	5	21.21	2697140	20.0
9(1H)-Phenanthren...	21.01	2.1	ng/ul	288292	5	21.21	2697140	20.0