

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013821.D
 Acq On : 26 Jan 2018 00:22
 Operator : SJ/JU
 Sample : J1243-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B38

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	3.146	23	27	33	rVB	47052	57366	1.60%	0.137%
2	6.781	637	645	659	rBV2	663128	1269258	35.34%	3.031%
3	6.934	665	671	679	rBV	526179	812886	22.63%	1.941%
4	7.128	697	704	713	rBV	778733	1215848	33.85%	2.904%
5	7.592	776	783	794	rBV	498312	814144	22.67%	1.944%
6	8.304	897	904	916	rBV	850409	1430845	39.83%	3.417%
7	8.745	971	979	988	rBV	714843	1181383	32.89%	2.821%
8	9.463	1094	1101	1110	rBV	620608	1056282	29.41%	2.523%
9	9.998	1186	1192	1203	rBV	836154	1493819	41.59%	3.567%
10	10.363	1246	1254	1261	rBV	639884	1060404	29.52%	2.532%
11	10.516	1272	1280	1293	rBV	687312	1361018	37.89%	3.250%
12	11.704	1476	1482	1492	rBV2	110583	211887	5.90%	0.506%
13	12.045	1535	1540	1551	rVB2	36839	69260	1.93%	0.165%
14	12.263	1570	1577	1585	rVB3	20803	42188	1.17%	0.101%
15	13.663	1808	1815	1819	rBV	1514926	2085692	58.07%	4.981%
16	13.710	1819	1823	1832	rVB	492279	692956	19.29%	1.655%
17	13.933	1852	1861	1869	rBV	1747120	2516404	70.06%	6.010%
18	14.245	1907	1914	1921	rBV3	823663	1295344	36.06%	3.093%
19	14.310	1921	1925	1934	rVB2	42814	69920	1.95%	0.167%
20	14.480	1948	1954	1975	rBV	376864	868912	24.19%	2.075%
21	15.245	2077	2084	2090	rBV	2027224	2936474	81.75%	7.013%
22	15.386	2102	2108	2119	rBV	547759	875651	24.38%	2.091%
23	15.480	2120	2124	2130	rVB4	22379	39336	1.10%	0.094%
24	15.615	2141	2147	2153	rBV	965925	1221274	34.00%	2.917%
25	16.998	2376	2382	2388	rVB	1101954	1530619	42.61%	3.655%
26	17.098	2392	2399	2410	rBV2	2147065	3141405	87.46%	7.502%
27	17.421	2447	2454	2458	rBV2	22519	46989	1.31%	0.112%
28	17.904	2531	2536	2547	rBV	403385	588271	16.38%	1.405%
29	19.039	2725	2729	2733	rBV4	43407	66445	1.85%	0.159%
30	19.192	2750	2755	2762	rBV	198160	284078	7.91%	0.678%
31	19.398	2784	2790	2798	rBV	2630559	3591975	100.00%	8.578%
32	19.462	2798	2801	2806	rVB6	32395	41611	1.16%	0.099%
33	20.915	3044	3048	3054	rVB2	523529	652367	18.16%	1.558%
34	21.197	3091	3096	3105	rBV	1397529	1941584	54.05%	4.637%

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BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	23.250	3439	3445	3453	rVB2	1956980	3574150	99.50%	8.536%
36	23.391	3463	3469	3478	rVB	898274	1735403	48.31%	4.144%

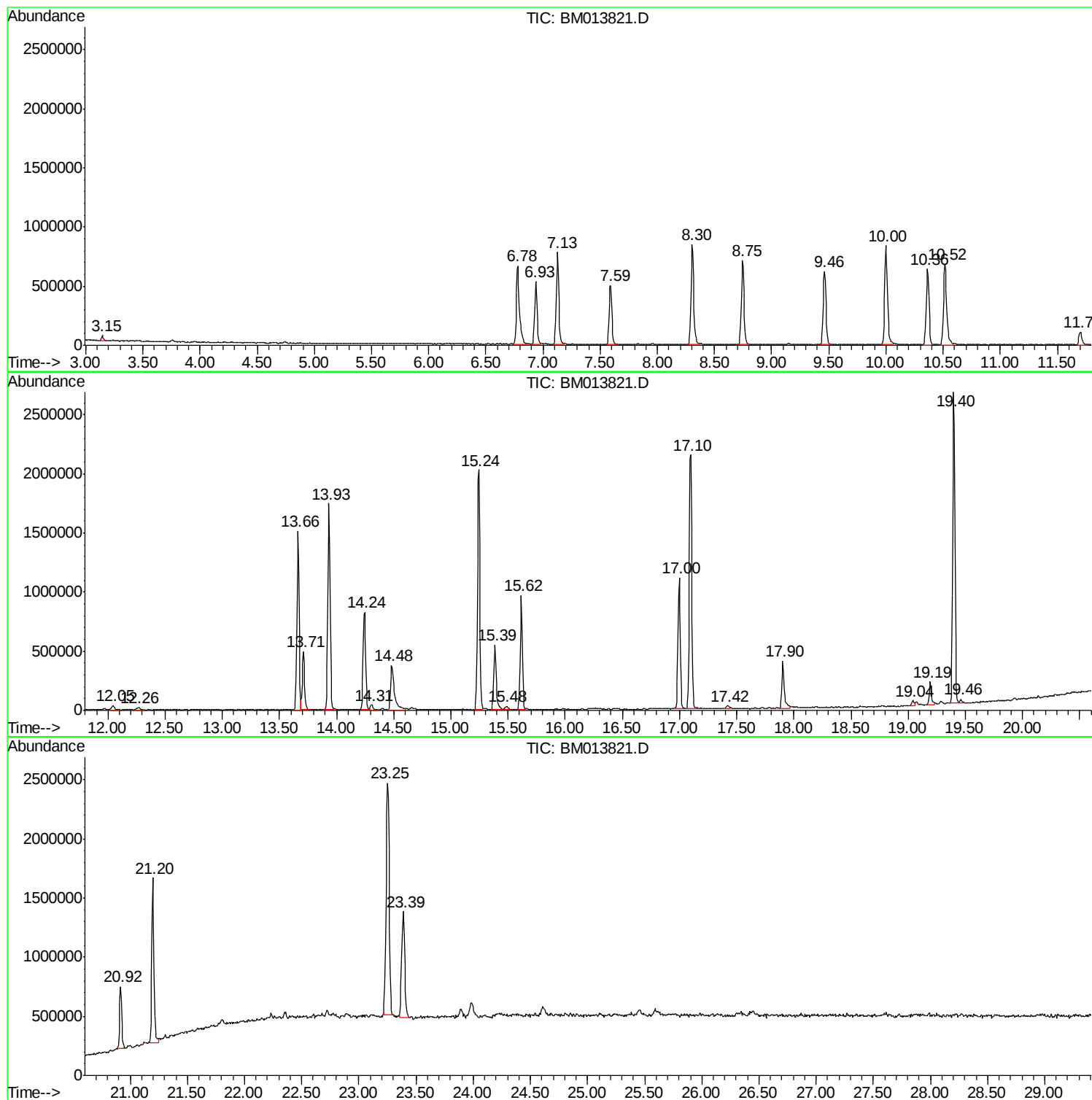
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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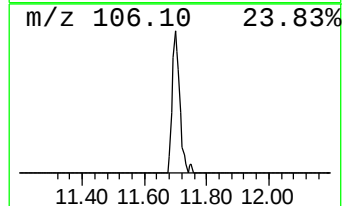
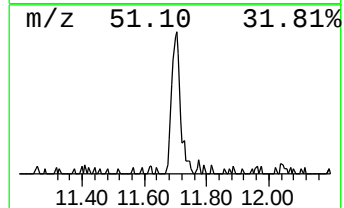
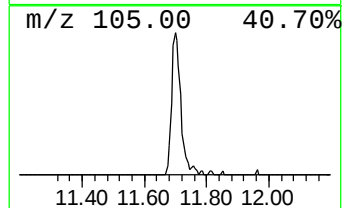
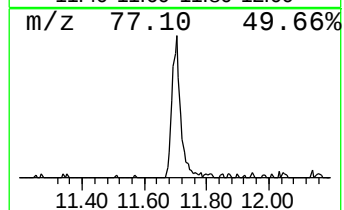
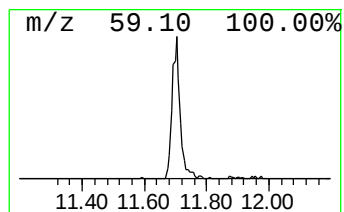
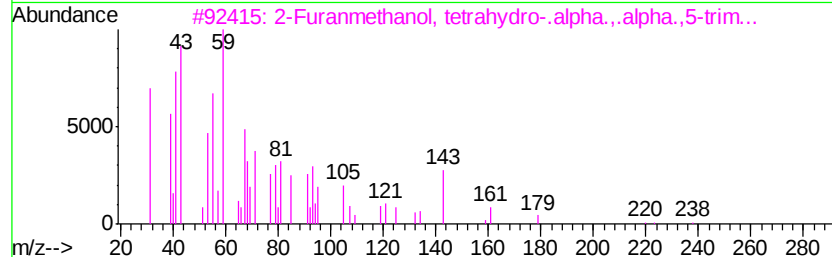
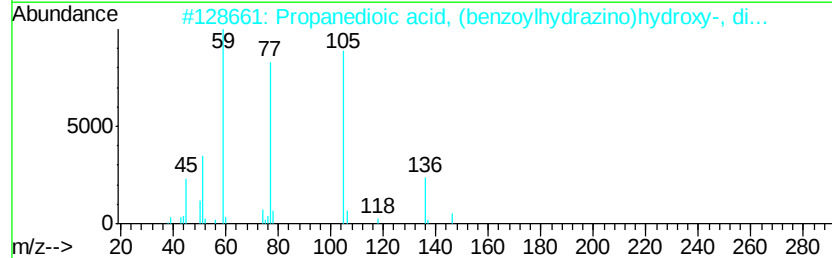
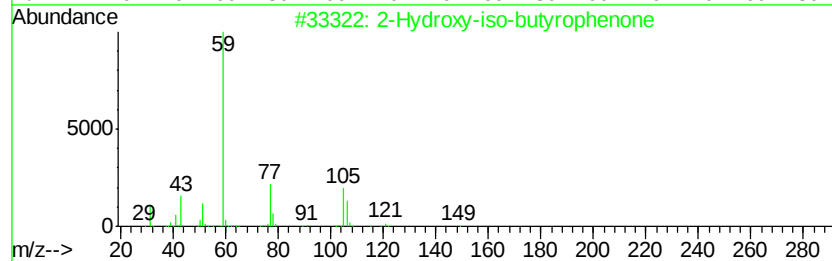
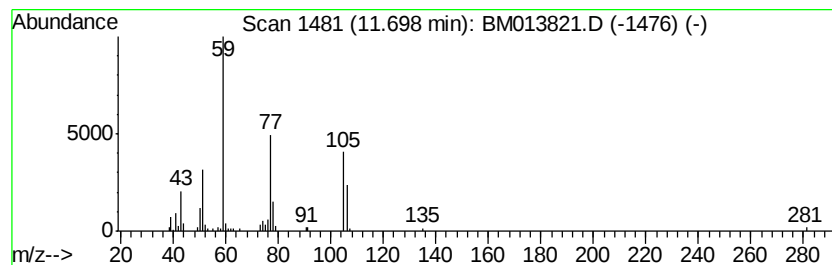
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Hydroxy-iso-butyrophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.00 ng/ul	211887	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	59
2			Propanedioic acid, (benzoylhydrazino)hydroxy-, di...	282	C12H14N2O6	1000142-99-9	53
3			2-Furanmethanol, tetrahydro- α , α ,5-trim...	238	C15H26O2	026184-88-3	47
4			N-Benzoyl-D-threo-2-methylthreonine	237	C12H15NO4	131644-54-7	39
5			Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	38



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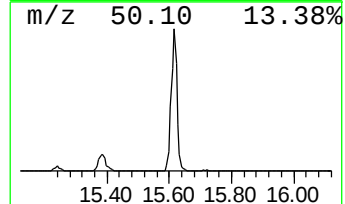
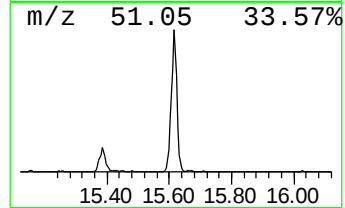
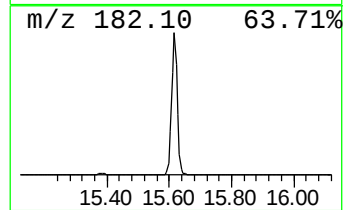
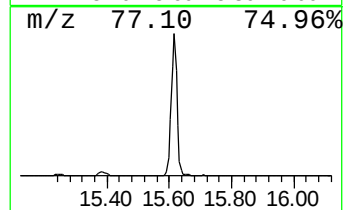
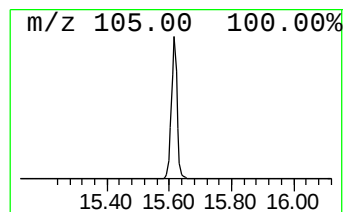
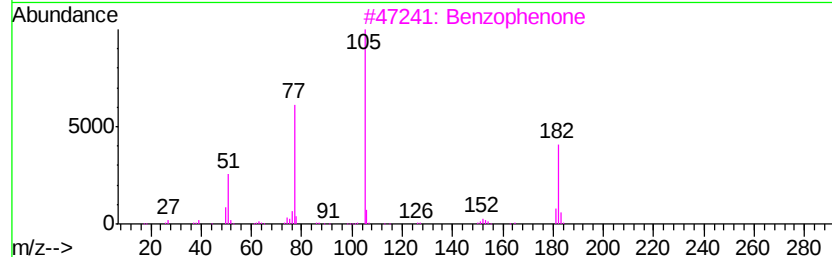
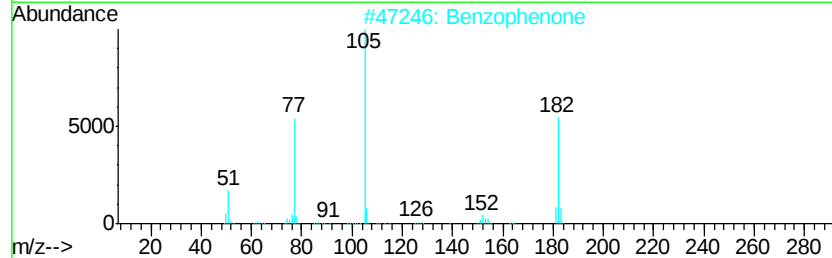
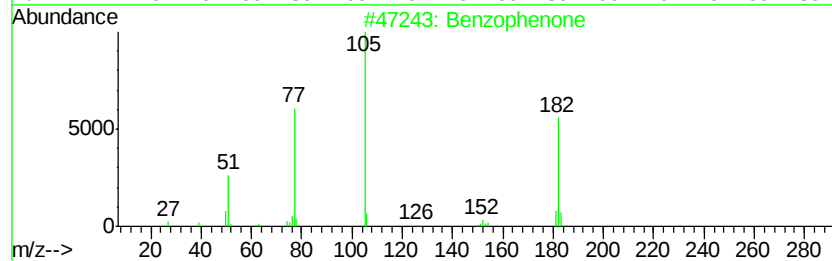
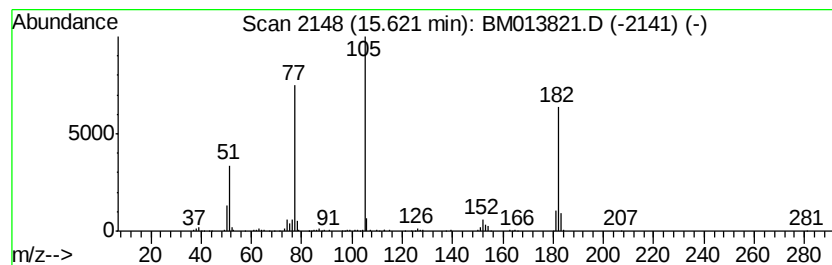
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	18.86 ng/ul	1221270	Acenaphthene-d10	14.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	93
5	Benzophenone		182	C13H10O	000119-61-9	91



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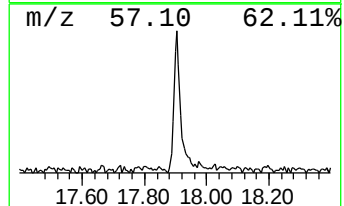
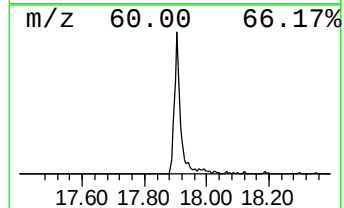
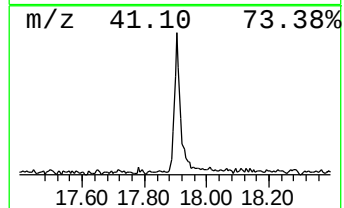
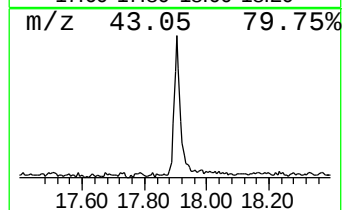
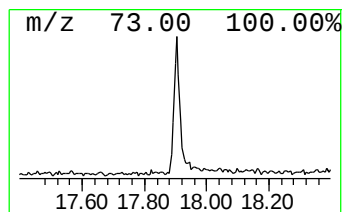
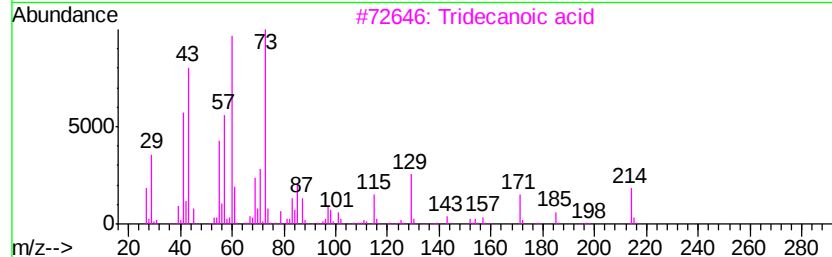
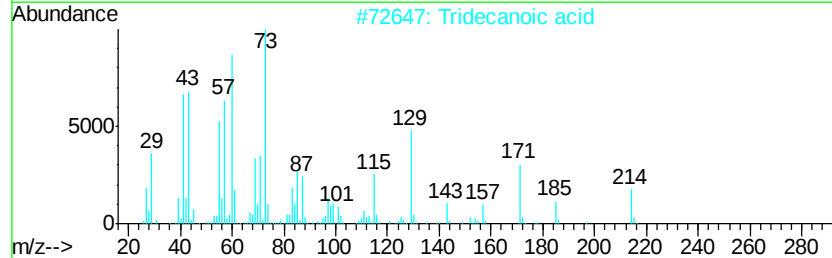
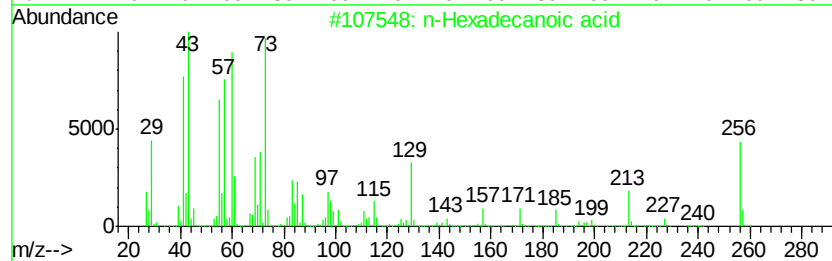
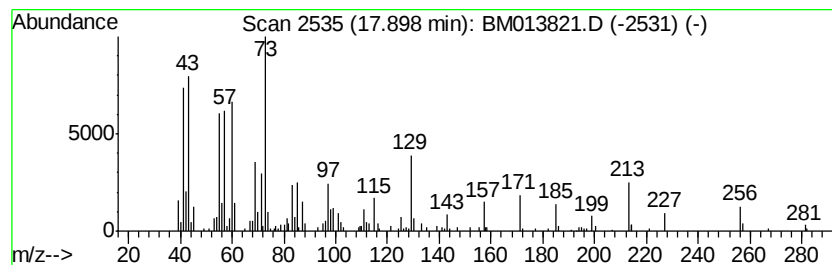
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.90	7.69 ng/ul	588271	Phenanthrene-d10		17.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



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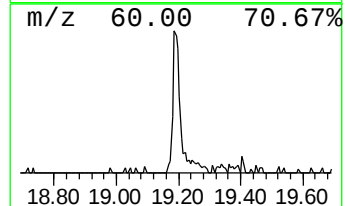
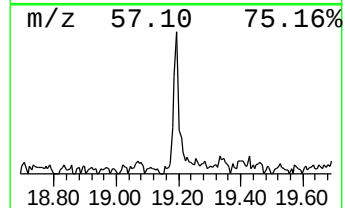
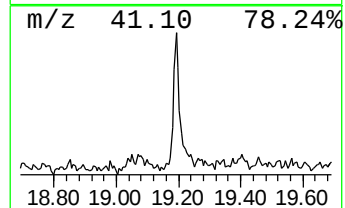
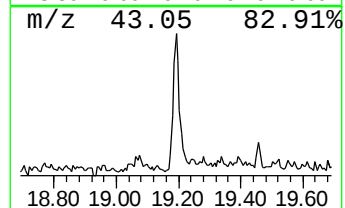
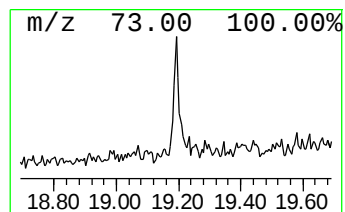
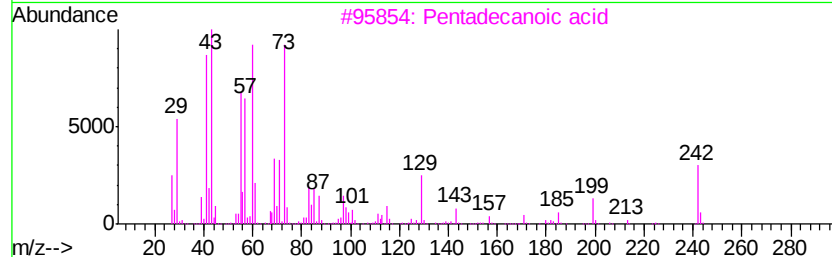
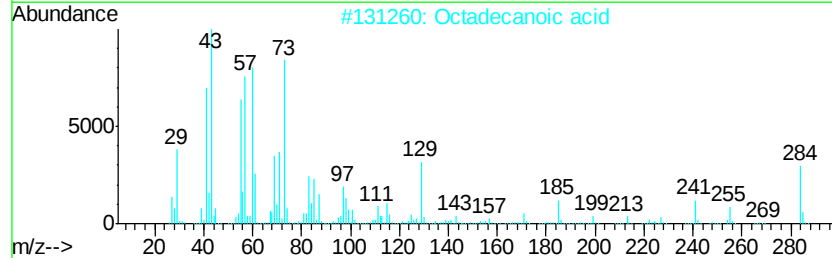
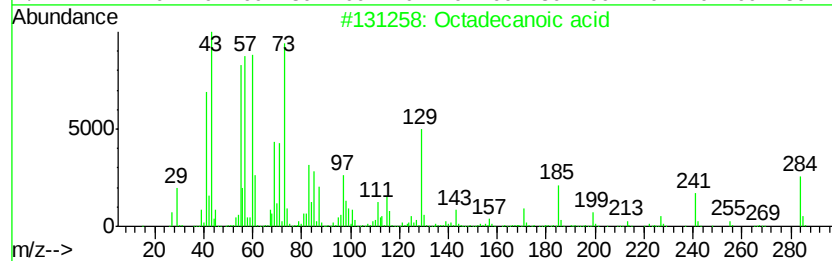
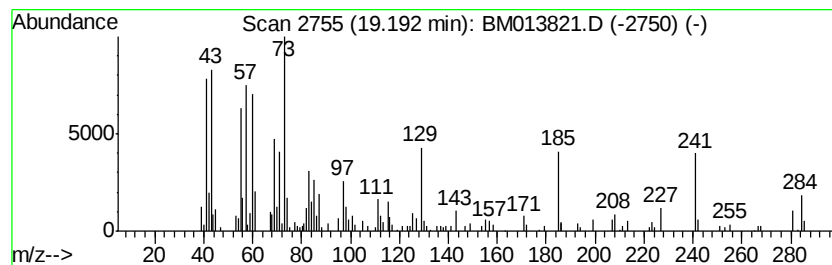
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.19	2.93 ng/ul	284078	Chrysene-d12		21.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52



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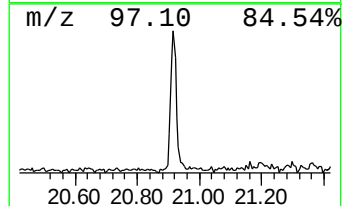
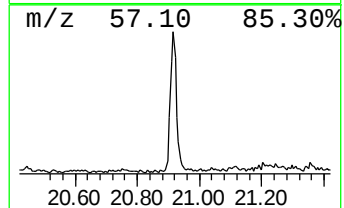
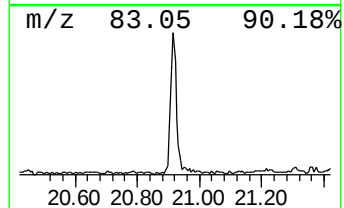
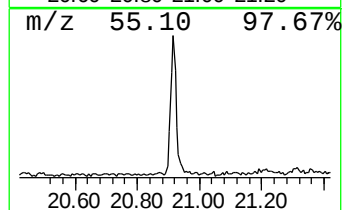
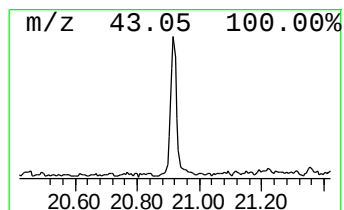
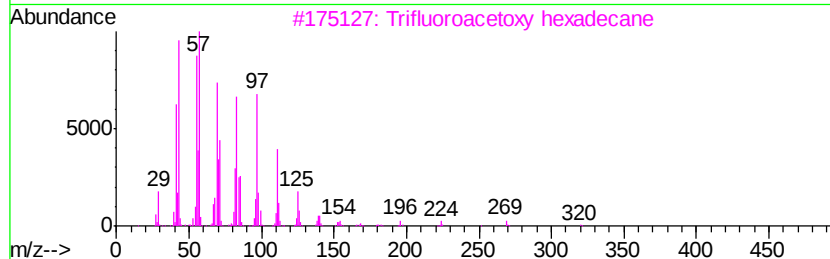
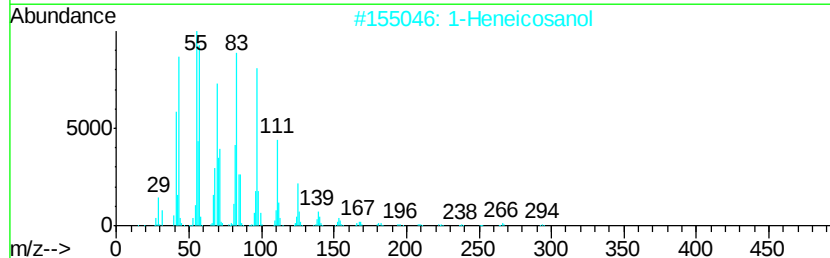
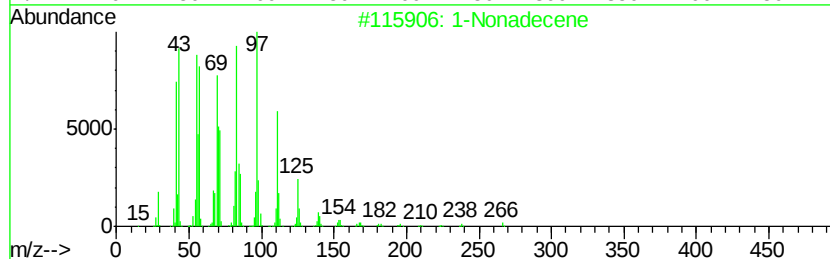
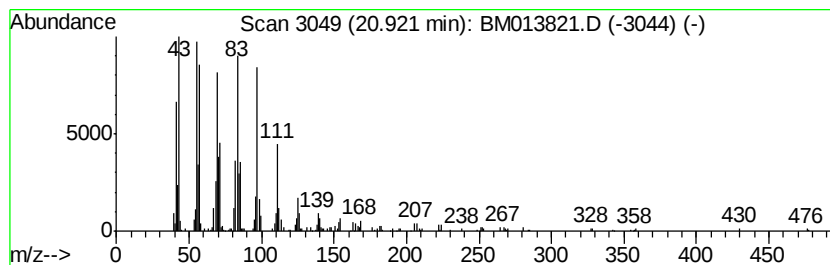
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic20.92 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.72 ng/ul	652367	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



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ClientSampleId :
F6B38

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-Hydroxy-iso-but...	11.70	4.0	ng/ul	211887	2	10.36	1060400	20.0
Benzophenone	15.62	18.9	ng/ul	1221270	3	14.24	1295340	20.0
n-Hexadecanoic acid	17.90	7.7	ng/ul	588271	4	17.00	1530620	20.0
Octadecanoic acid	19.19	2.9	ng/ul	284078	5	21.20	1941580	20.0
(DEL) Alkane: Cyc...	20.92	6.7	ng/ul	652367	5	21.20	1941580	20.0