

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014120.D
 Acq On : 02 Feb 2018 19:11
 Operator : SJ/JU
 Sample : J1355-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D31

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-BM013118.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	3.122	19	23	29	rVB3	32955	43589	1.26%	0.110%
2	6.739	632	638	652	rBV	560409	1074781	31.09%	2.721%
3	6.904	659	666	679	rBV	437867	683415	19.77%	1.730%
4	7.087	691	697	708	rBV	630717	1032009	29.86%	2.613%
5	7.551	770	776	788	rBV	397803	682754	19.75%	1.728%
6	8.269	891	898	911	rBV2	744689	1306514	37.80%	3.307%
7	8.710	965	973	981	rBV	650966	1114160	32.23%	2.821%
8	9.428	1088	1095	1106	rBV	543595	1009427	29.20%	2.555%
9	9.963	1178	1186	1201	rBV	750119	1434681	41.50%	3.632%
10	10.327	1240	1248	1257	rVB	561095	949992	27.48%	2.405%
11	10.480	1265	1274	1295	rBV	623765	1319792	38.18%	3.341%
12	11.663	1470	1475	1488	rBV2	79721	186305	5.39%	0.472%
13	13.627	1803	1809	1814	rBV	1496195	2122011	61.39%	5.372%
14	13.674	1814	1817	1833	rVB	412010	645359	18.67%	1.634%
15	13.898	1845	1855	1864	rBV	1744872	2552450	73.84%	6.462%
16	14.210	1901	1908	1920	rVB2	849309	1314043	38.01%	3.327%
17	14.451	1941	1949	1966	rBV	339773	827914	23.95%	2.096%
18	15.210	2071	2078	2087	rBV	2087766	3027408	87.58%	7.664%
19	15.357	2098	2103	2116	rBV	511627	873559	25.27%	2.211%
20	15.451	2116	2119	2125	rVB4	25038	37956	1.10%	0.096%
21	15.586	2136	2142	2151	rBV	778624	1052900	30.46%	2.665%
22	16.968	2371	2377	2387	rVB	1051068	1503663	43.50%	3.807%
23	17.062	2387	2393	2406	rBV2	2128676	3168297	91.66%	8.021%
24	17.874	2526	2531	2543	rBV2	239296	412579	11.94%	1.044%
25	19.009	2720	2724	2728	rBV3	30753	46200	1.34%	0.117%
26	19.162	2745	2750	2762	rBV5	129038	242710	7.02%	0.614%
27	19.262	2763	2767	2770	rVB2	24359	35584	1.03%	0.090%
28	19.368	2779	2785	2793	rBV	2496932	3419358	98.92%	8.656%
29	20.315	2940	2946	2950	rBV8	34353	64209	1.86%	0.163%
30	20.892	3039	3044	3051	rBV	317336	521080	15.07%	1.319%
31	21.174	3087	3092	3101	rBV	1186836	1735040	50.19%	4.392%
32	23.215	3432	3439	3451	rVB2	1817217	3456687	100.00%	8.751%
33	23.350	3456	3462	3475	rVB	834644	1605752	46.45%	4.065%

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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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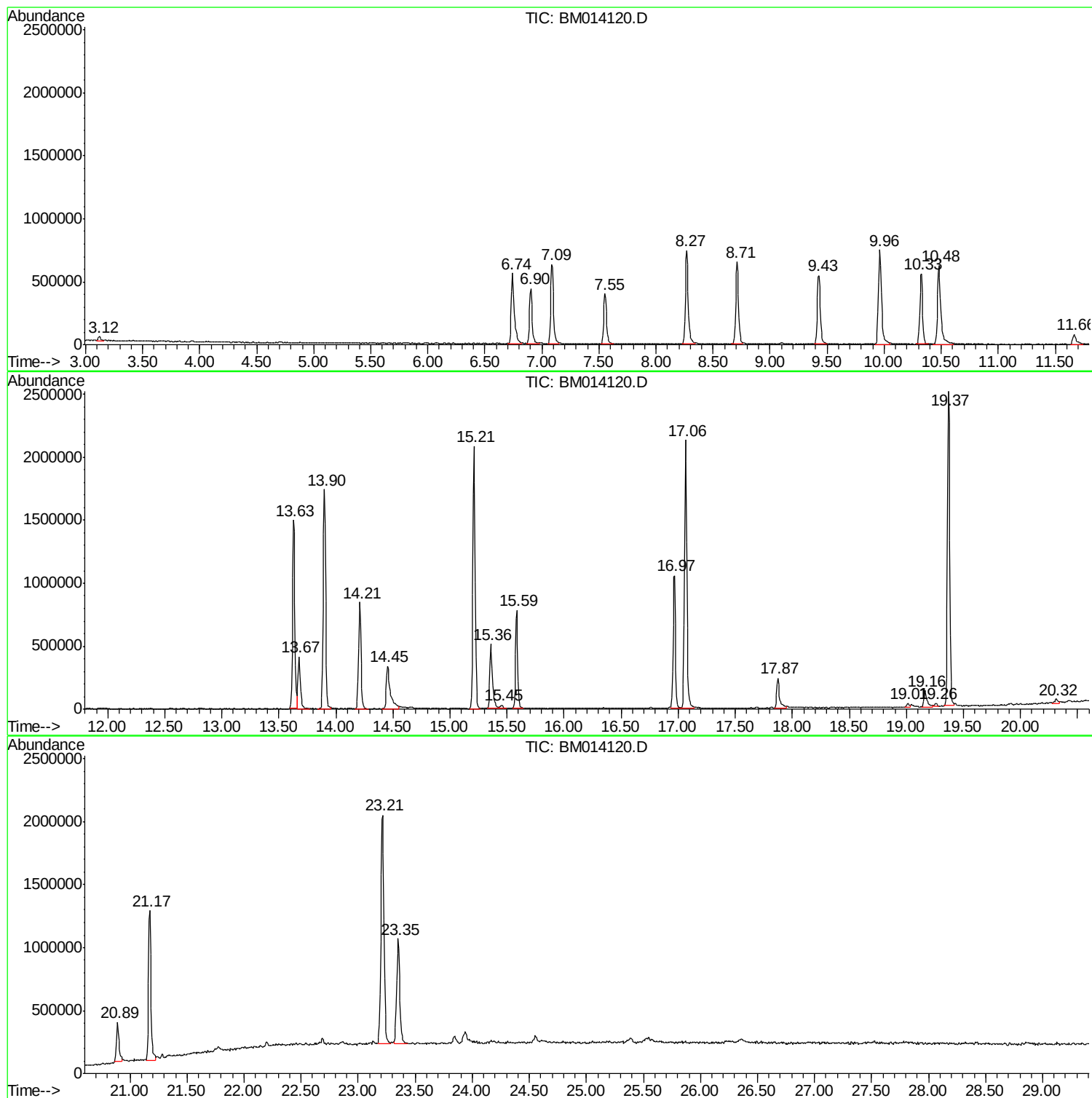
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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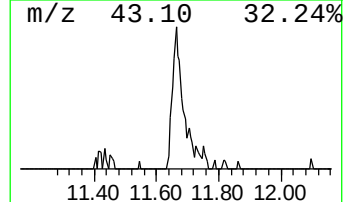
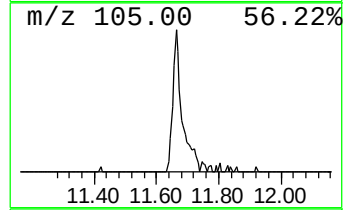
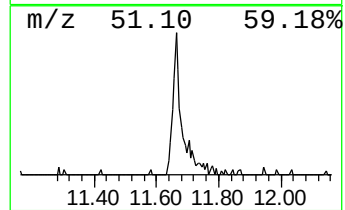
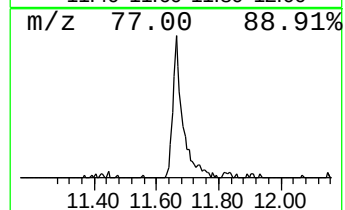
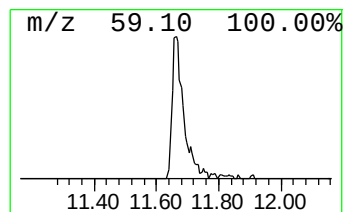
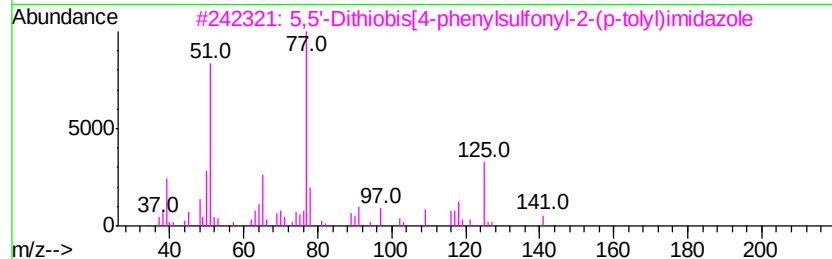
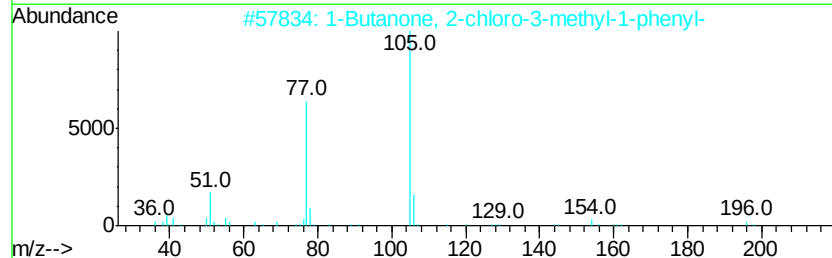
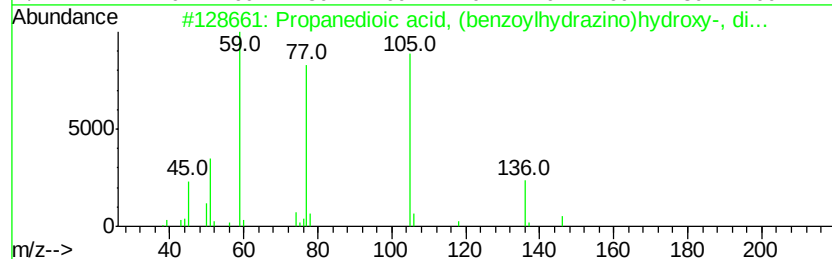
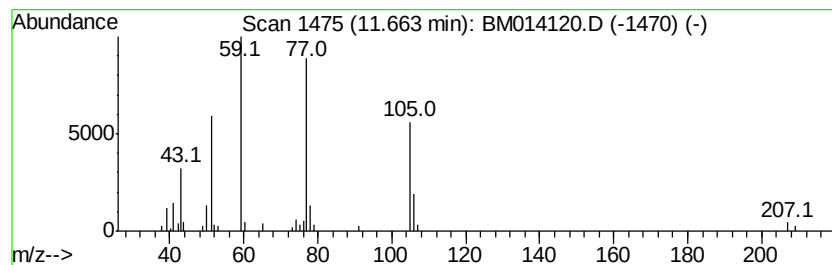
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.66	3.92 ng/ul	186305	Napthalene-d8	10.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanedioic acid, (benzovlhydra...	282	C12H14N2O6	1000142-99-9	50
2		1-Butanone, 2-chloro-3-methyl-1-...	196	C11H13ClO	078706-77-1	47
3		5,5'-Dithiobis[4-phenylsulfonvl-...	658	C32H26N4O4S4	303024-59-1	43
4		Benzovlformic acid	150	C8H6O3	000611-73-4	38
5		Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	37



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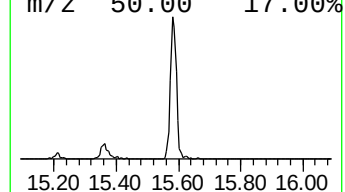
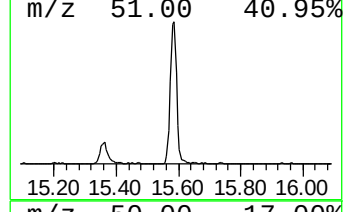
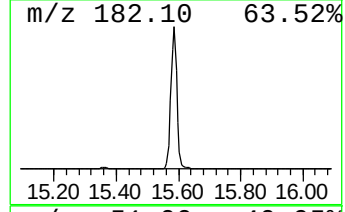
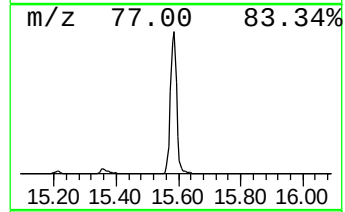
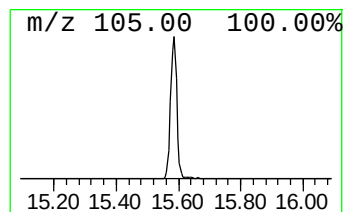
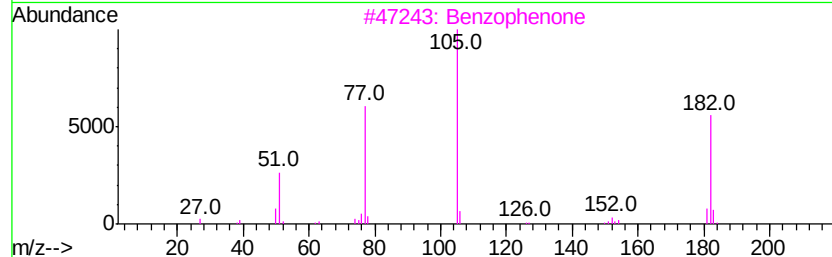
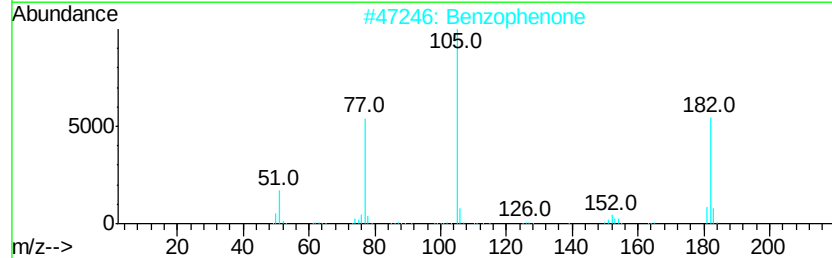
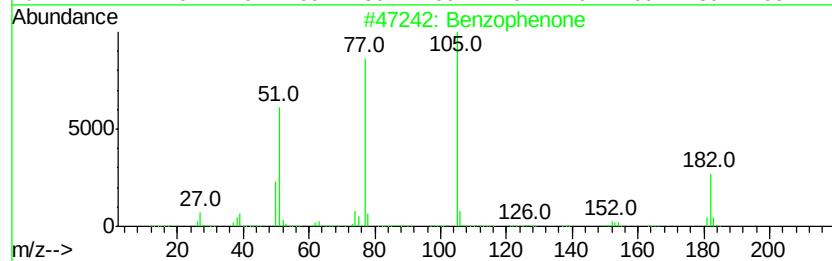
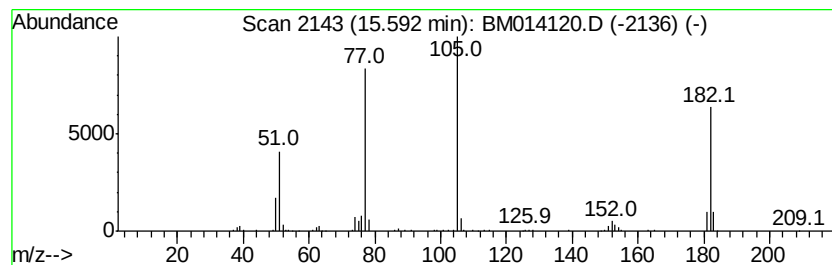
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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.
15.59	16.03 ng/ul	1052900	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	95
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	91
5		Benzophenone	182	C13H10O	000119-61-9	76



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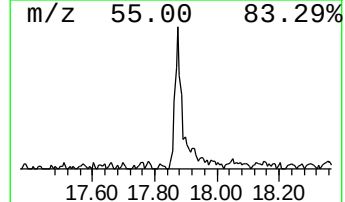
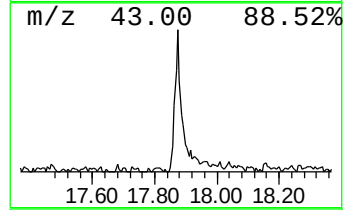
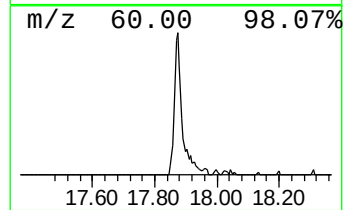
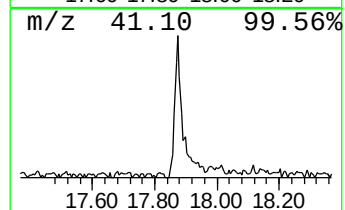
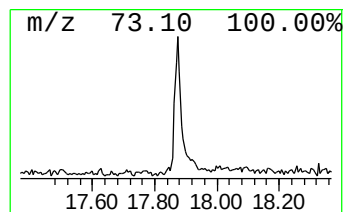
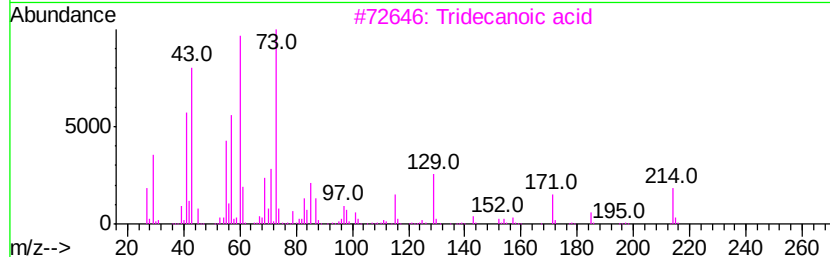
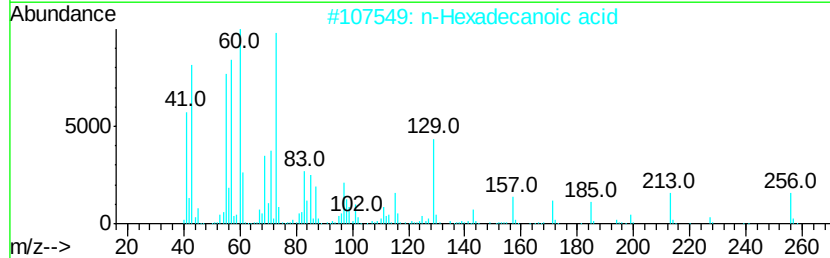
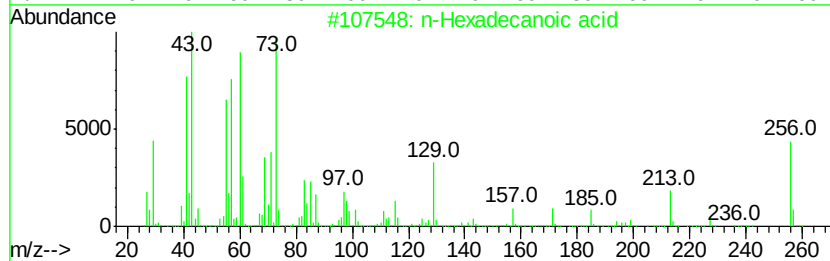
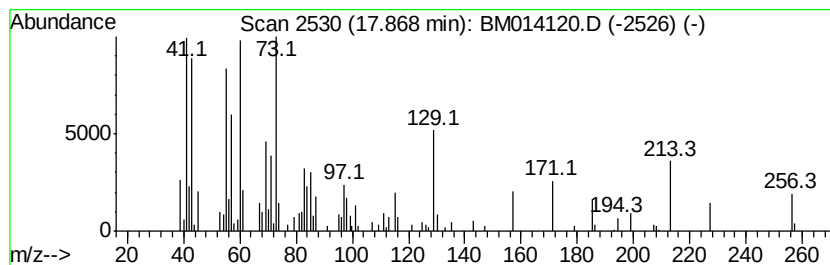
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	5.49 ng/ul	412579	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68	



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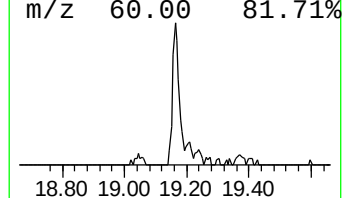
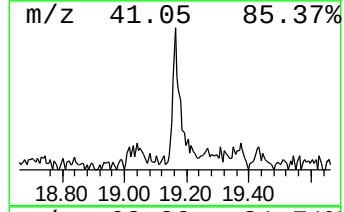
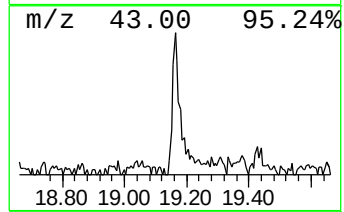
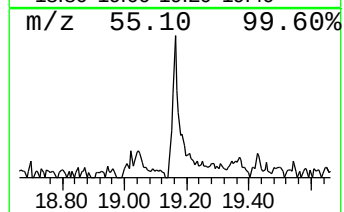
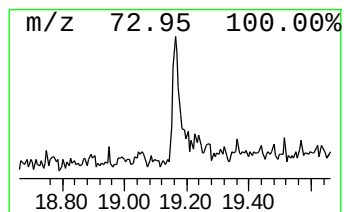
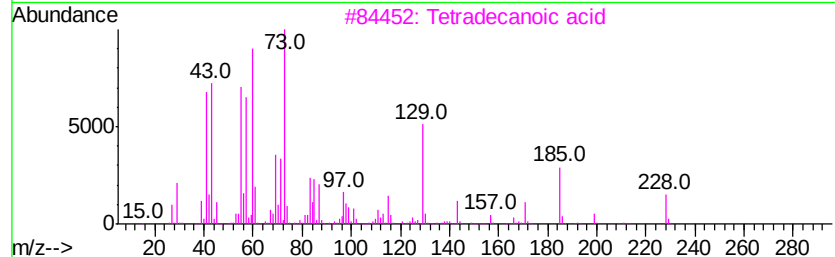
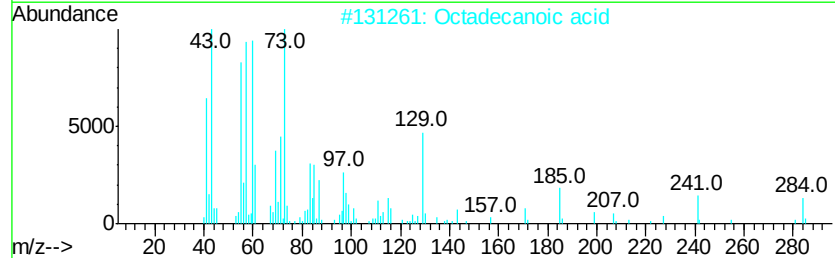
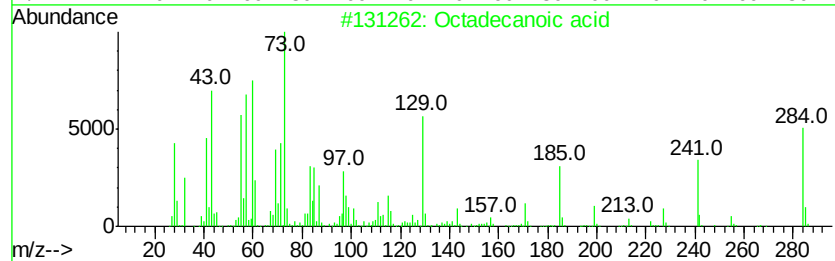
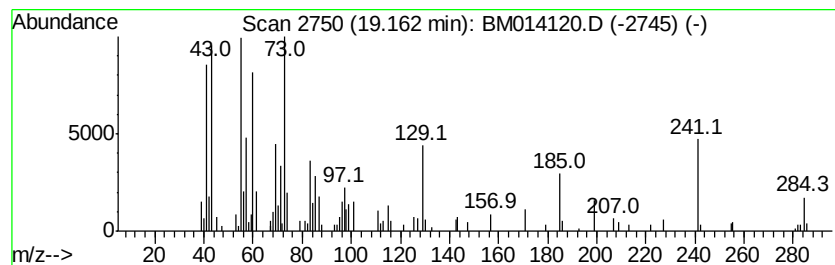
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.80 ng/ul	242710	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	78
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



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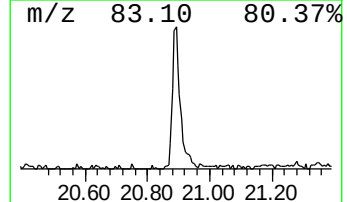
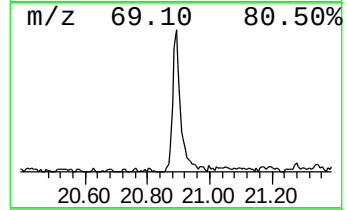
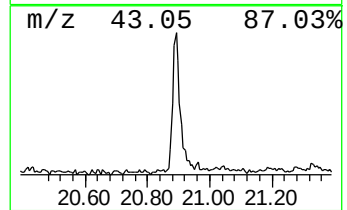
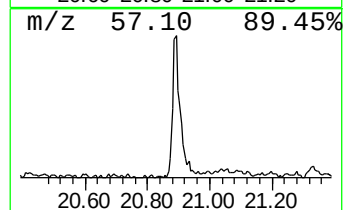
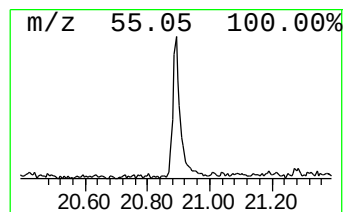
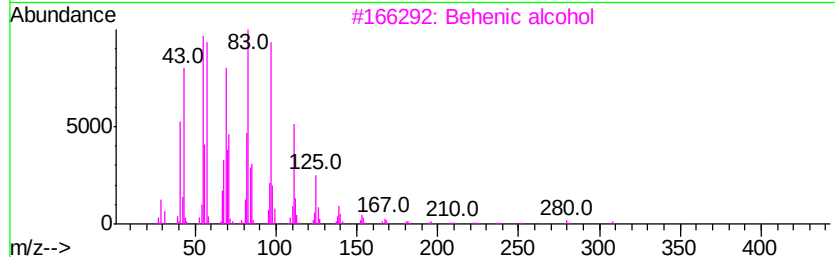
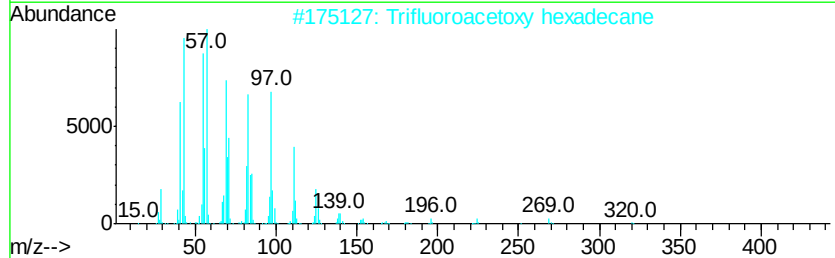
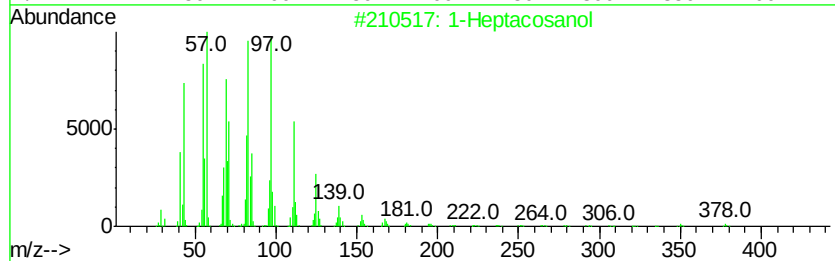
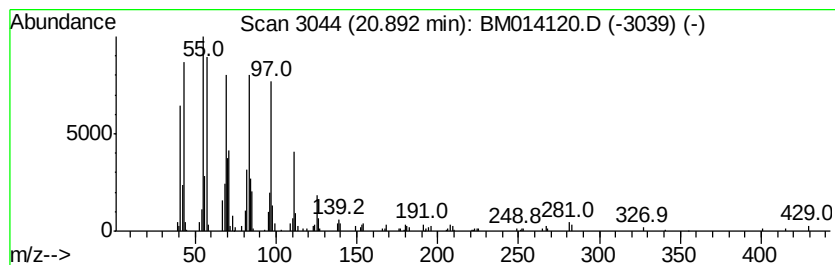
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	6.01 ng/ul	521080	Chrysene-d12	21.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	90
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
3	Behenic alcohol	326	C22H46O	000661-19-8	81
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanedioic acid...	11.66	3.9	ng/ul	186305	2	10.33	949992	20.0
Benzophenone	15.59	16.0	ng/ul	1052900	3	14.21	1314040	20.0
n-Hexadecanoic acid	17.87	5.5	ng/ul	412579	4	16.96	1503660	20.0
Octadecanoic acid	19.16	2.8	ng/ul	242710	5	21.17	1735040	20.0
1-Heptacosanol	20.89	6.0	ng/ul	521080	5	21.17	1735040	20.0