

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014126.D
 Acq On : 02 Feb 2018 22:46
 Operator : SJ/JU
 Sample : J1355-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D32

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	27	rVB2	26058	34123	1.19%	0.112%
2	6.740	632	638	652	rBV	388598	786252	27.32%	2.572%
3	6.898	660	665	685	rVB	305699	520336	18.08%	1.702%
4	7.087	692	697	708	rBV	440226	744117	25.85%	2.434%
5	7.551	770	776	786	rBV2	370473	644484	22.39%	2.108%
6	8.269	888	898	914	rBV	490544	917077	31.86%	2.999%
7	8.710	966	973	985	rBV	447866	808572	28.09%	2.645%
8	9.428	1088	1095	1106	rBV	381315	719644	25.00%	2.354%
9	9.963	1178	1186	1198	rBV	501052	981083	34.09%	3.209%
10	10.322	1241	1247	1256	rBV	504995	859629	29.87%	2.812%
11	10.481	1267	1274	1289	rBV	425234	888483	30.87%	2.906%
12	11.669	1470	1476	1481	rBV3	44515	87755	3.05%	0.287%
13	13.627	1803	1809	1814	rBV	1107916	1556572	54.08%	5.091%
14	13.674	1814	1817	1831	rVB	225874	383728	13.33%	1.255%
15	13.898	1848	1855	1869	rBV	1219390	1816871	63.13%	5.942%
16	14.210	1901	1908	1920	rBV2	737750	1182503	41.09%	3.868%
17	14.457	1945	1950	1968	rBV2	197484	568907	19.77%	1.861%
18	15.210	2072	2078	2087	rBV	1540793	2194734	76.26%	7.178%
19	15.357	2097	2103	2115	rBV	337287	616634	21.43%	2.017%
20	15.457	2116	2120	2125	rVB5	22400	29702	1.03%	0.097%
21	15.586	2136	2142	2155	rVB	490989	712660	24.76%	2.331%
22	16.962	2371	2376	2383	rVB2	1057979	1442144	50.11%	4.717%
23	17.062	2387	2393	2410	rBV	1525543	2388636	82.99%	7.812%
24	17.874	2525	2531	2537	rBV	154765	259957	9.03%	0.850%
25	19.015	2719	2725	2729	rBV5	42296	77063	2.68%	0.252%
26	19.162	2745	2750	2761	rBV4	125080	226144	7.86%	0.740%
27	19.368	2779	2785	2793	rBV	2015458	2762708	95.99%	9.036%
28	20.892	3039	3044	3053	rBV7	72227	141819	4.93%	0.464%
29	21.174	3087	3092	3102	rBV	1250635	1740553	60.48%	5.693%
30	23.209	3432	3438	3448	rBV2	1577784	2878101	100.00%	9.413%
31	23.350	3456	3462	3472	rVB	839947	1604391	55.74%	5.247%

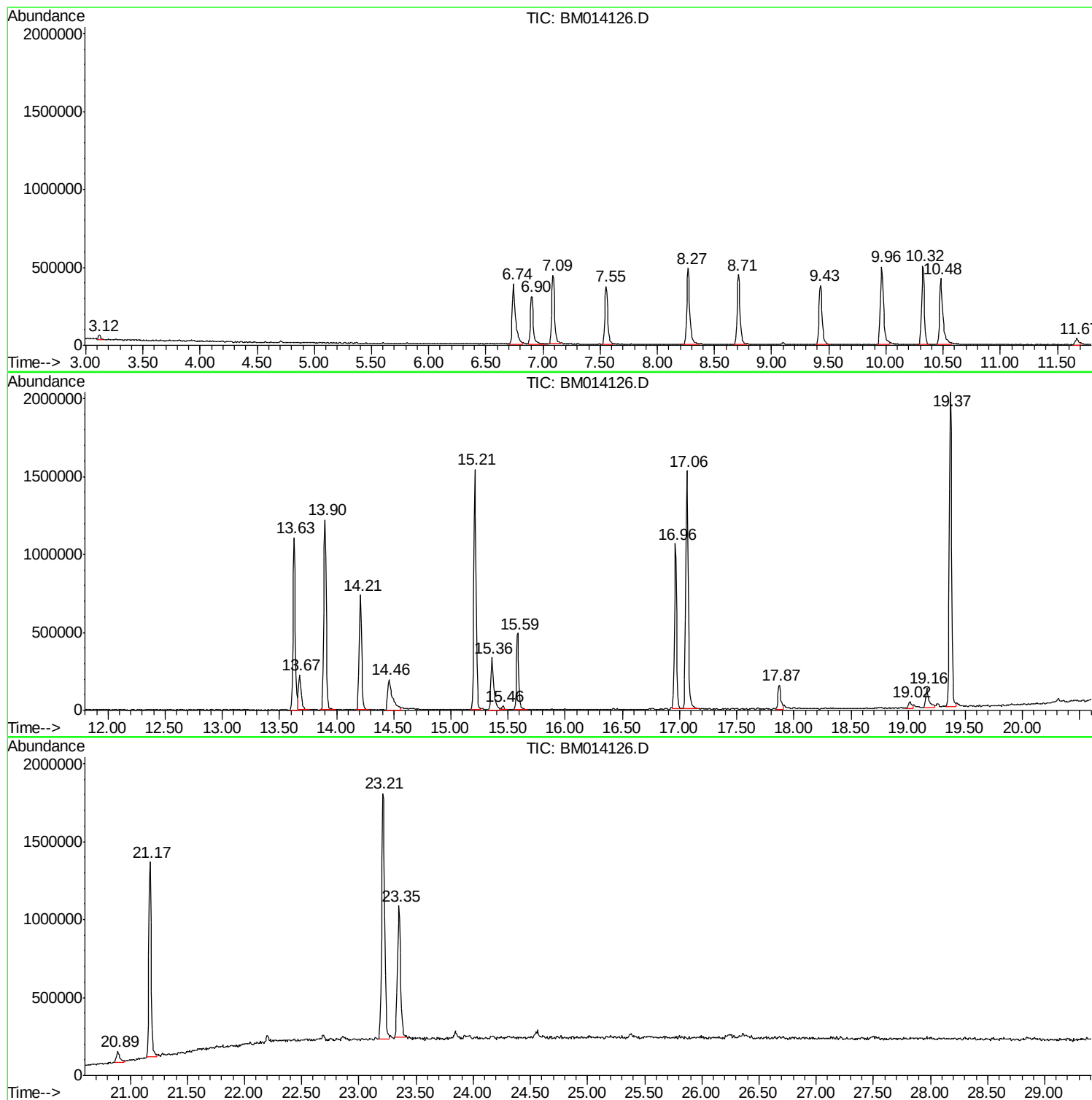
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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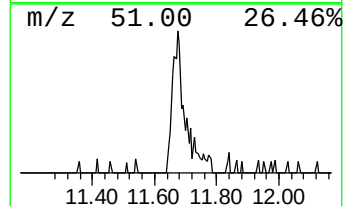
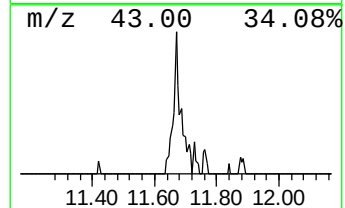
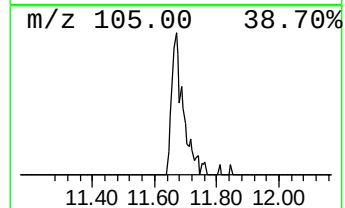
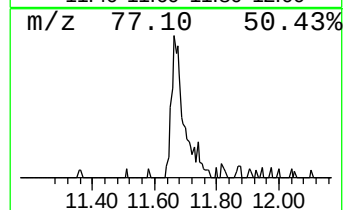
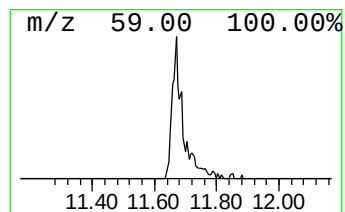
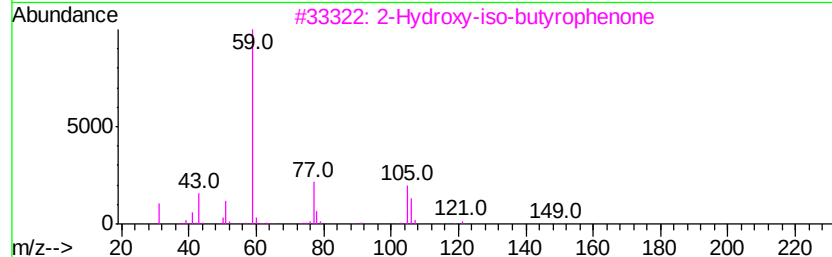
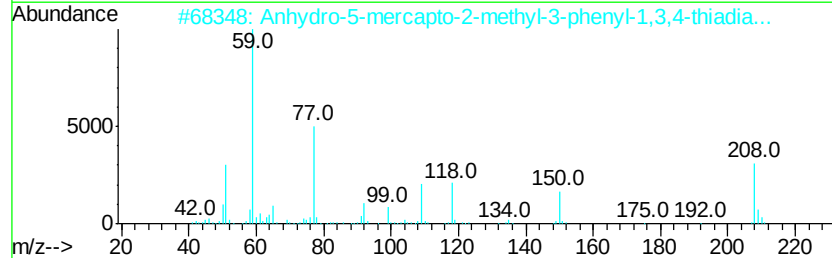
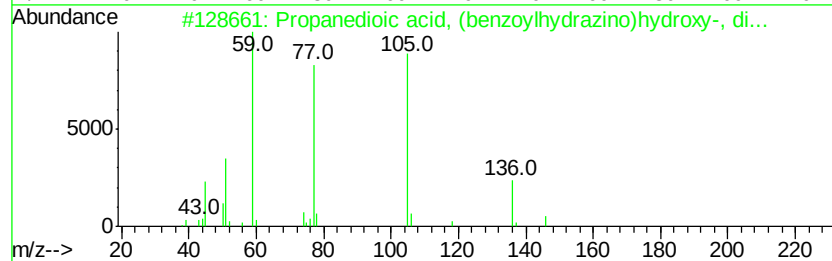
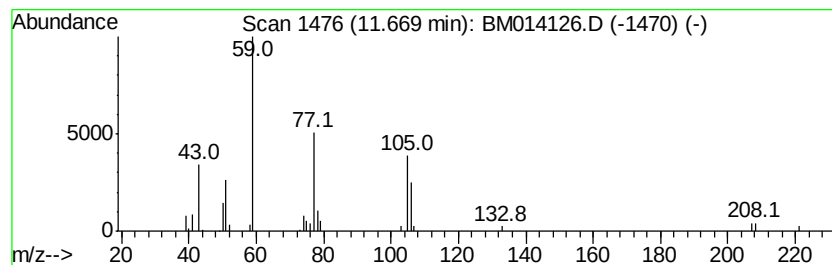
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Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.67	2.04 ng/ul	87755	Napthalene-d8	10.32		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	72
2		Anhydro-5-mercapto-2-methyl-3-ph...	208	C9H8N2S2	1000256-60-7	40
3		2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	38
4		Benzaldehyde	106	C7H6O	000100-52-7	37
5		Benzamide	121	C7H7NO	000055-21-0	35



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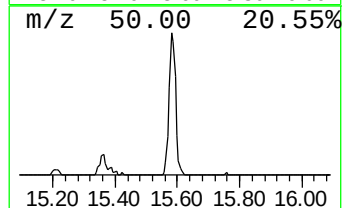
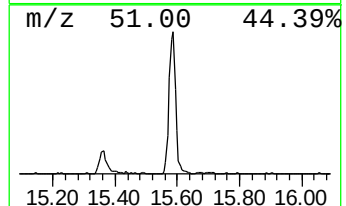
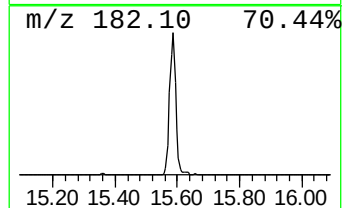
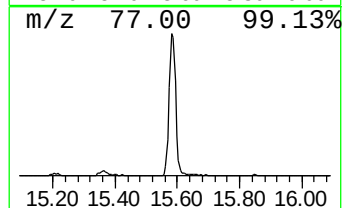
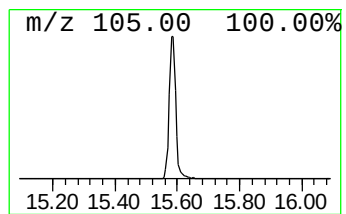
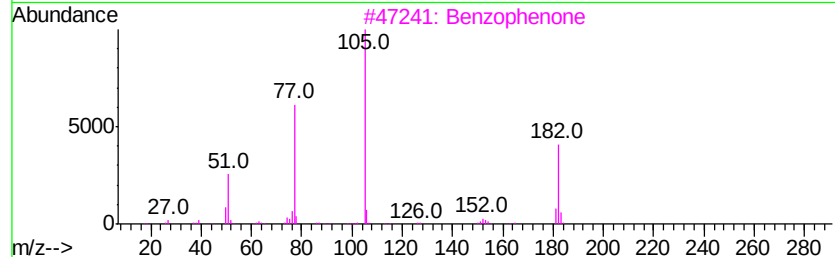
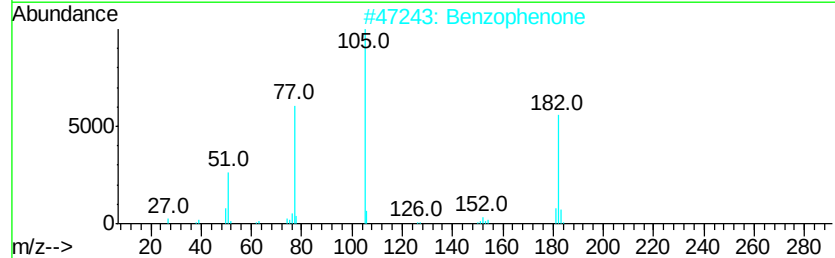
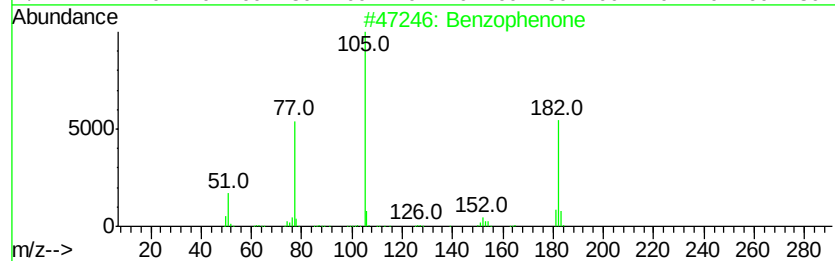
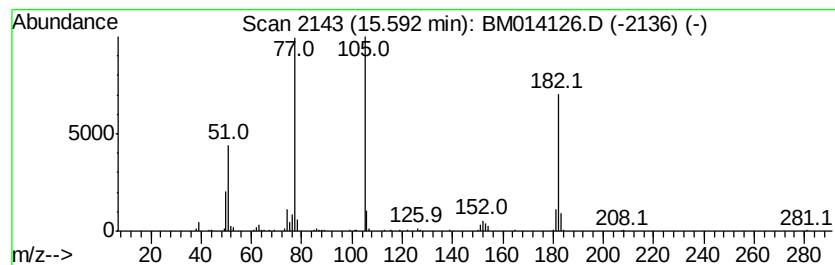
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	9.88 ng/ul	712660	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	97
2	Benzophenone		182	C13H10O	000119-61-9	95
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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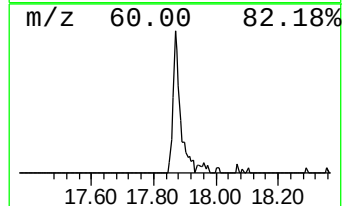
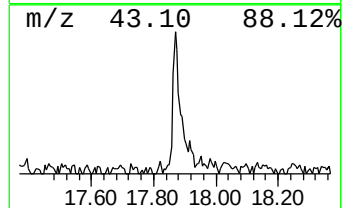
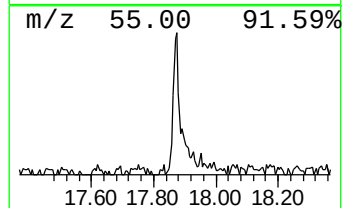
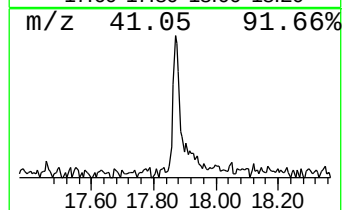
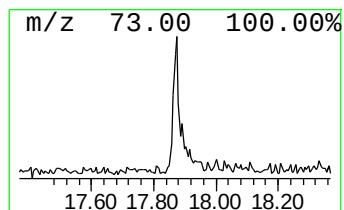
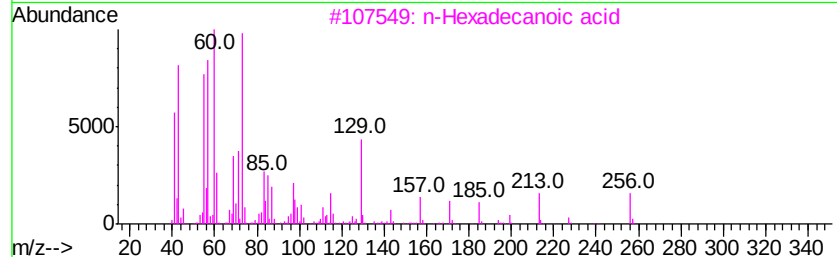
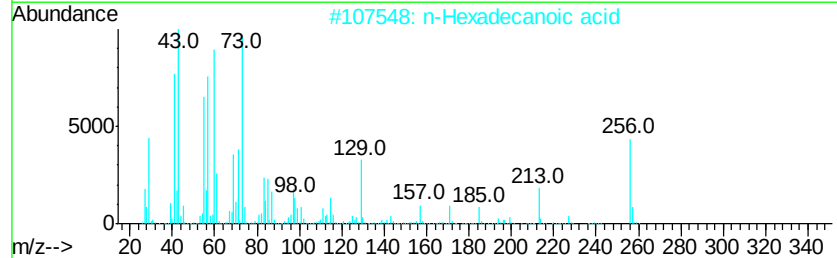
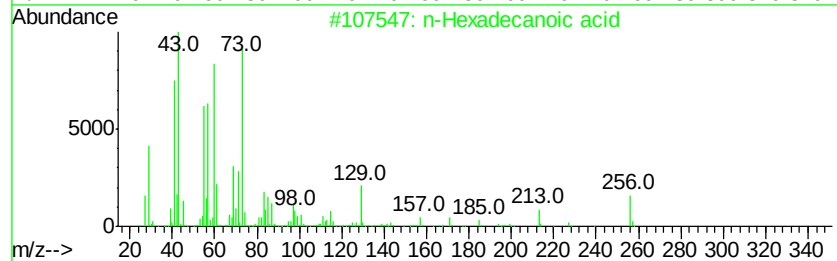
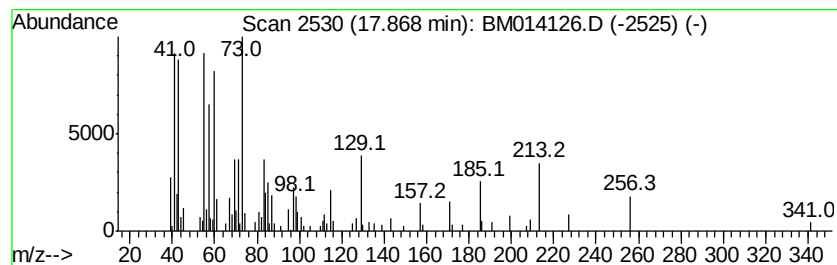
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.87	3.61 ng/ul	259957	Phenanthrene-d10		16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	55
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	49



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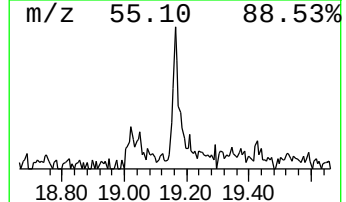
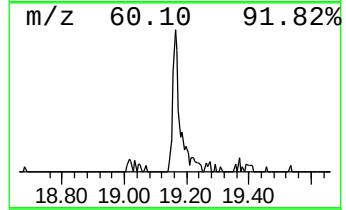
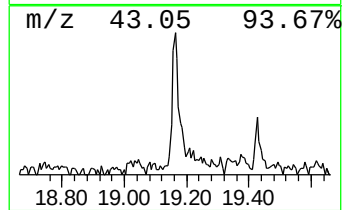
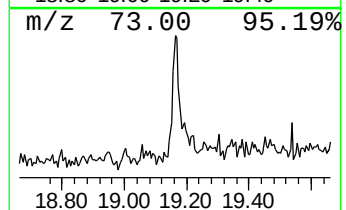
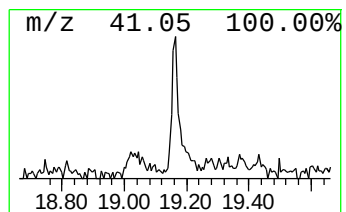
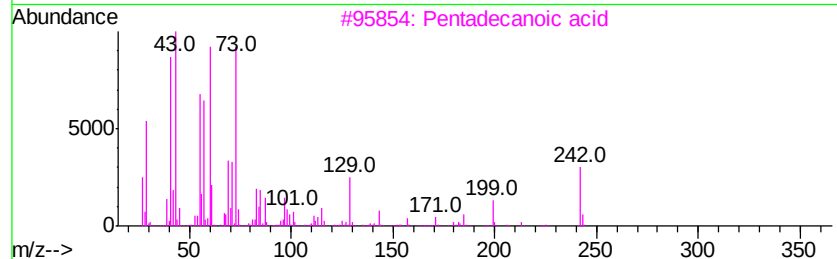
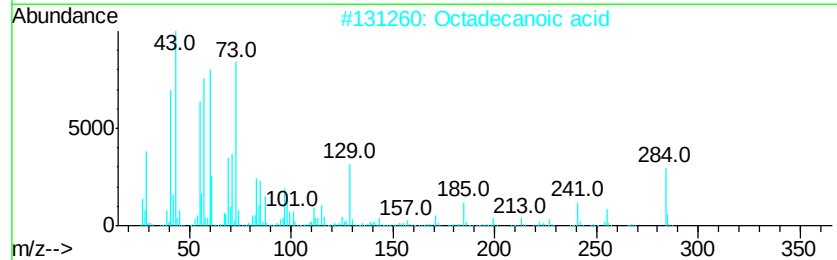
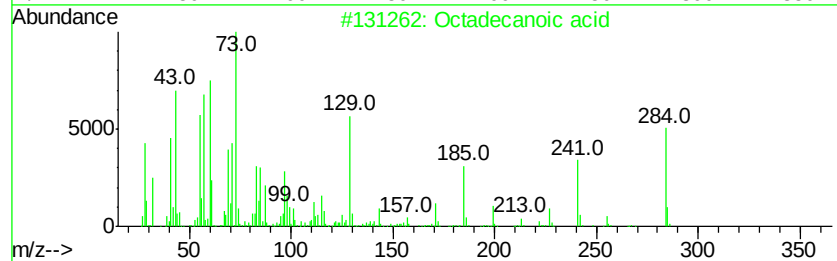
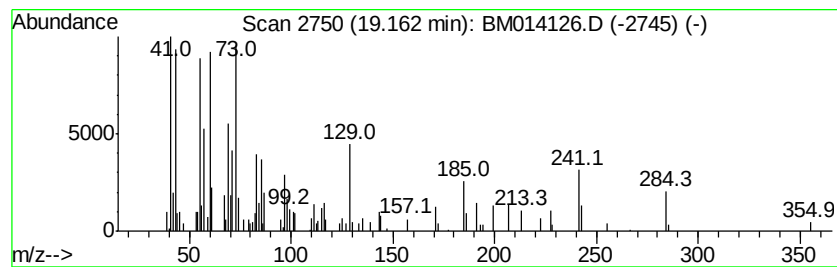
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.60 ng/ul	226144	Chrysene-d12	21.17

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	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propanedioic acid...	11.67	2.0	ng/ul	87755	2	10.32	859629	20.0
Benzophenone	15.59	9.9	ng/ul	712660	4	16.96	1442140	20.0
n-Hexadecanoic acid	17.87	3.6	ng/ul	259957	4	16.96	1442140	20.0
Octadecanoic acid	19.16	2.6	ng/ul	226144	5	21.17	1740550	20.0