

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014558.D
 Acq On : 14 Mar 2018 00:17
 Operator : SJ/JU
 Sample : J1813-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F30

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-BM021418.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	3.652	120	130	135	rBV5	12635	29090	1.08%	0.084%
2	4.634	290	297	299	rBV2	27159	43326	1.61%	0.125%
3	4.663	299	302	308	rVB	43968	68992	2.56%	0.199%
4	6.698	642	648	664	rBV	551111	1112073	41.22%	3.203%
5	6.834	664	671	683	rVV	432223	682215	25.29%	1.965%
6	7.022	697	703	718	rVB	677863	1142573	42.35%	3.291%
7	7.475	774	780	790	rBV	570174	933791	34.61%	2.690%
8	8.222	900	907	919	rBV	759997	1355765	50.25%	3.905%
9	8.645	972	979	989	rBV	687839	1207538	44.76%	3.478%
10	8.998	1036	1039	1043	rBV4	21945	28762	1.07%	0.083%
11	9.357	1093	1100	1111	rBV	625983	1133403	42.01%	3.265%
12	9.910	1187	1194	1217	rBV	743283	1625328	60.24%	4.682%
13	10.251	1243	1252	1259	rBV	774621	1296361	48.05%	3.734%
14	10.422	1274	1281	1295	rBV	339929	809270	30.00%	2.331%
15	12.945	1706	1710	1717	rBV2	40983	55757	2.07%	0.161%
16	13.380	1777	1784	1788	rBV6	58802	83882	3.11%	0.242%
17	13.433	1788	1793	1801	rVB5	69332	106753	3.96%	0.308%
18	13.569	1810	1816	1821	rBV	1549813	2169115	80.40%	6.248%
19	13.616	1821	1824	1835	rVB	240184	374556	13.88%	1.079%
20	13.833	1854	1861	1874	rVB	1604779	2421650	89.76%	6.976%
21	14.039	1890	1896	1901	rBV3	91248	122783	4.55%	0.354%
22	14.145	1907	1914	1921	rBV2	1038035	1560053	57.82%	4.494%
23	14.463	1962	1968	1981	rBV3	276949	795967	29.50%	2.293%
24	14.592	1986	1990	1995	rVV6	57708	133651	4.95%	0.385%
25	14.663	1999	2002	2007	rVB6	23525	38507	1.43%	0.111%
26	14.998	2055	2059	2067	rVB	100880	132328	4.90%	0.381%
27	15.151	2079	2085	2093	rBV	1844757	2697988	100.00%	7.772%
28	15.339	2112	2117	2124	rBV2	152723	266115	9.86%	0.767%
29	15.398	2124	2127	2133	rVB7	33814	67507	2.50%	0.194%
30	15.868	2203	2207	2216	rVB4	65042	121723	4.51%	0.351%
31	16.680	2337	2345	2352	rBV3	144242	263043	9.75%	0.758%
32	16.792	2360	2364	2369	rBV4	46551	68098	2.52%	0.196%
33	16.915	2378	2385	2390	rBV	1159044	1653554	61.29%	4.763%
34	17.015	2396	2402	2410	rVB	1871109	2681182	99.38%	7.723%

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35	17.633	2503	2507	2511	rBV7	27693	48297	1.79%	0.139%
36	17.821	2535	2539	2545	rBV2	448959	626198	23.21%	1.804%
37	19.115	2755	2759	2763	rBV2	202158	275393	10.21%	0.793%
38	19.256	2779	2783	2788	rBV	902394	1007810	37.35%	2.903%
39	19.327	2790	2795	2800	rBV	1693115	2206244	81.77%	6.355%
40	20.309	2959	2962	2967	rVB	557423	601190	22.28%	1.732%
41	21.133	3099	3102	3106	rBV	896977	1086031	40.25%	3.128%
42	23.174	3445	3449	3454	rVB	982370	1581421	58.61%	4.555%

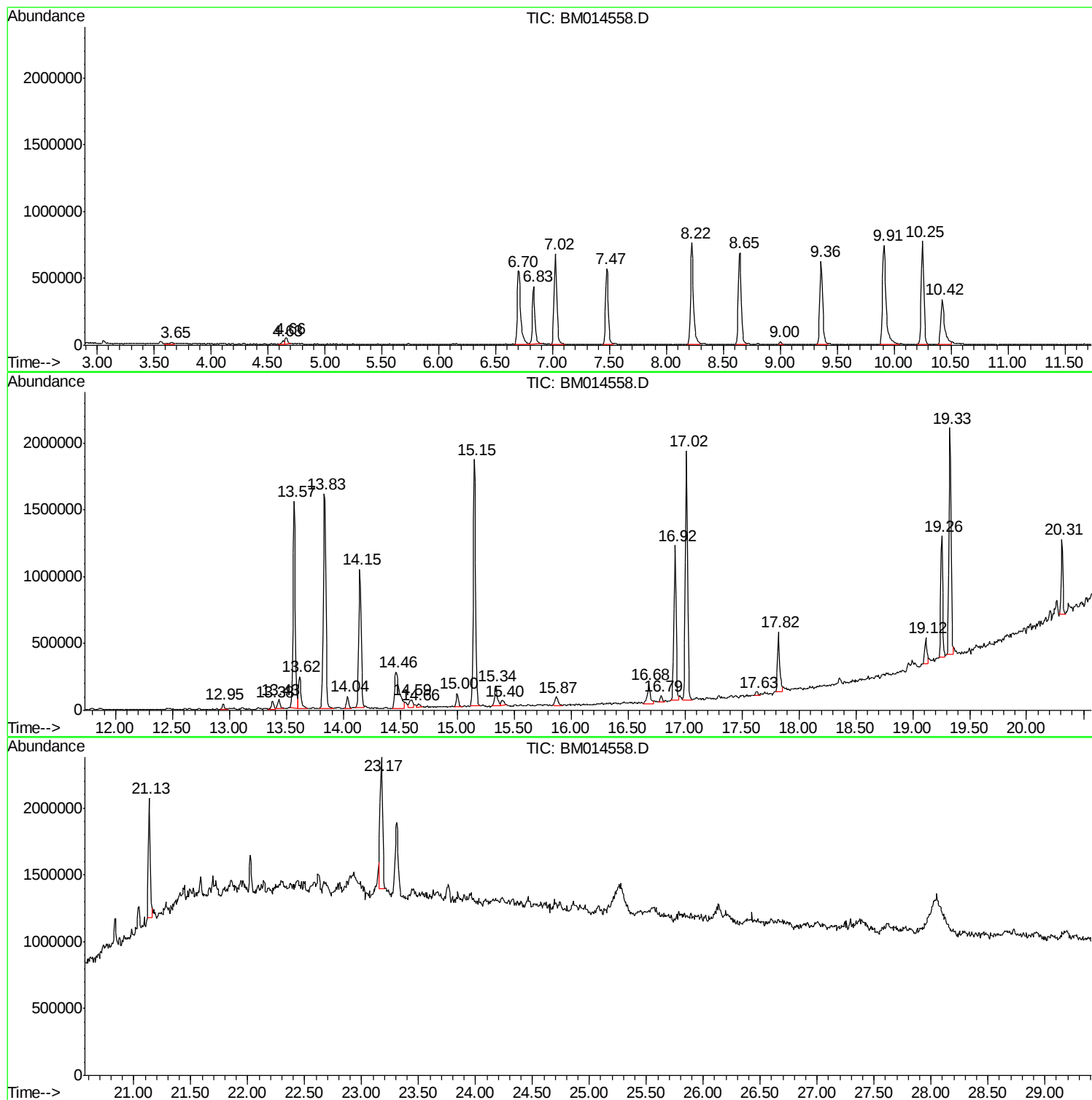
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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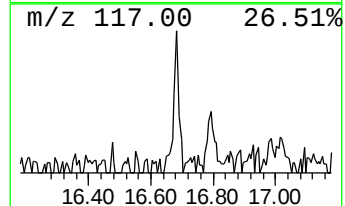
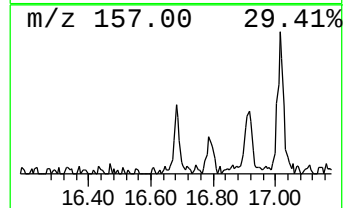
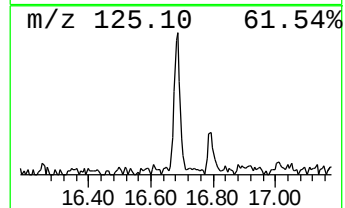
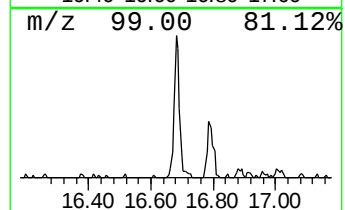
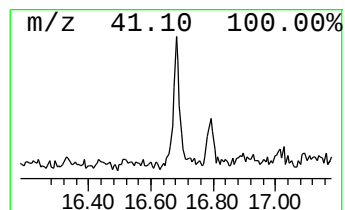
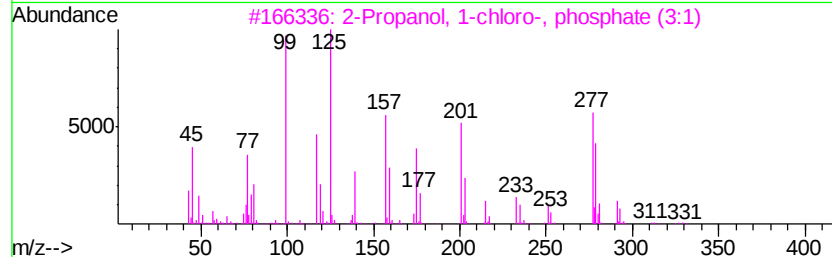
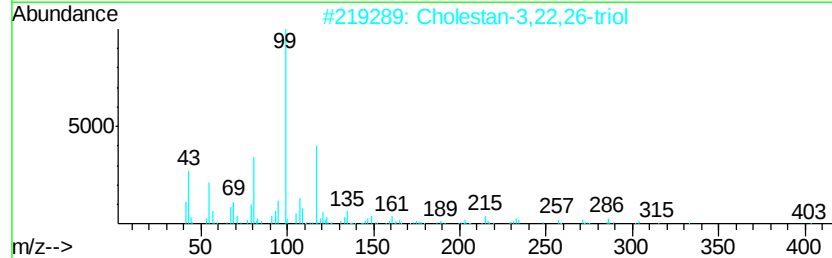
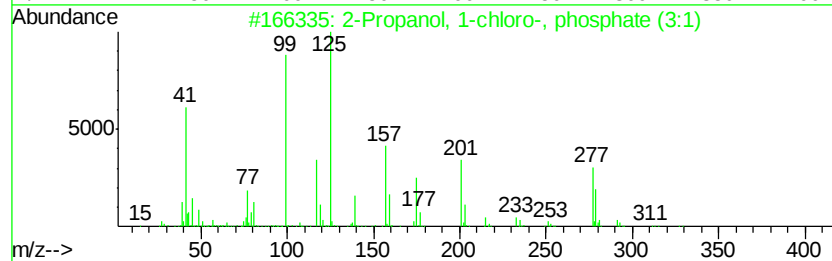
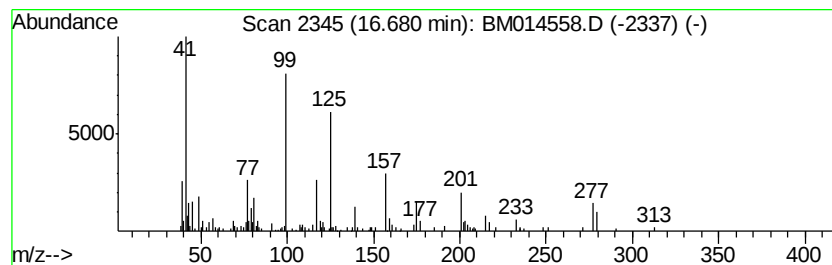
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	3.18 ng/ul	263043	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	47
2		Cholestan-3,22,26-triol	420	C27H48O3	1000252-39-8	35
3		2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	27
4		Imidazolidine, 1,3-dimethyl-2-(4...	177	C10H15N3	303187-78-2	22
5		Cholestan-3-one, 4,4-dimethyl-, ...	458	C31H54O2	054498-64-5	22



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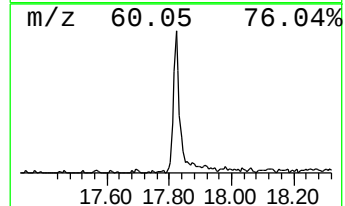
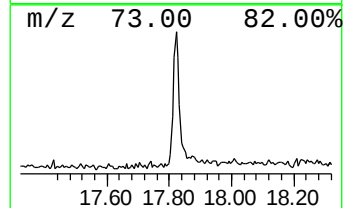
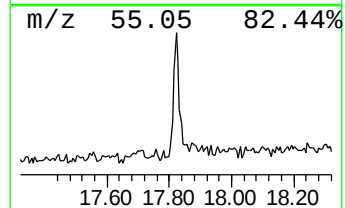
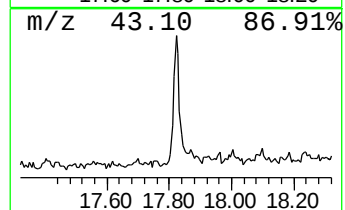
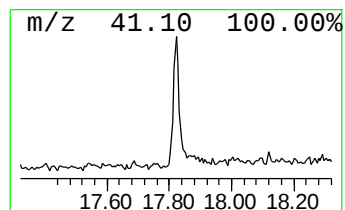
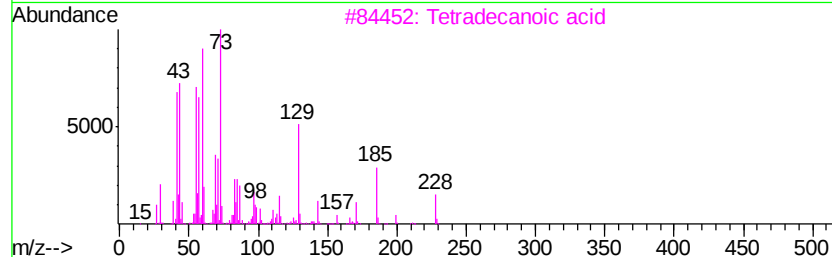
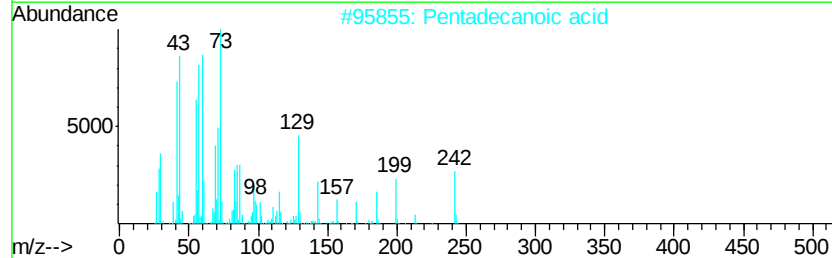
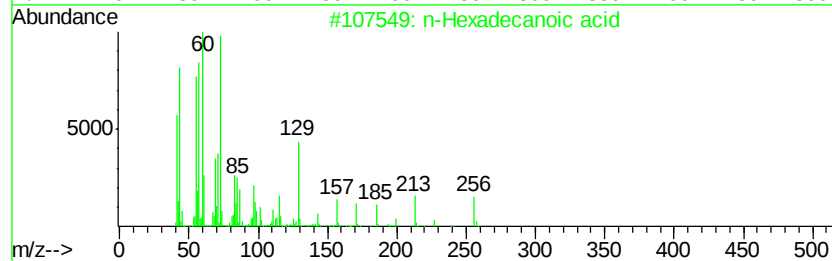
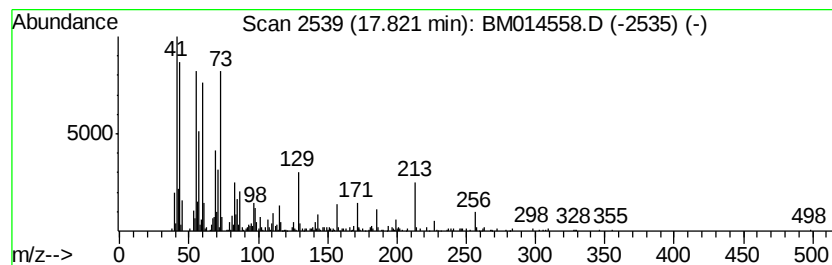
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.57 ng/ul	626198	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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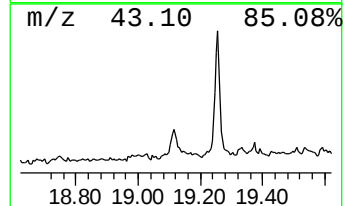
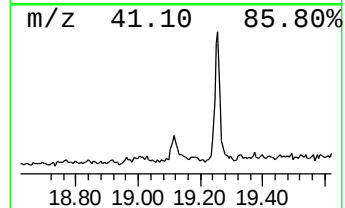
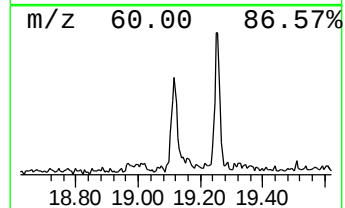
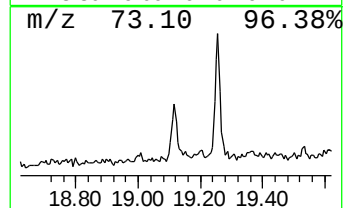
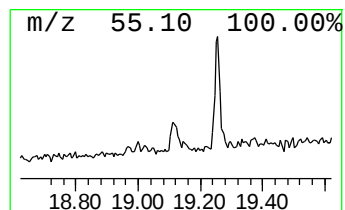
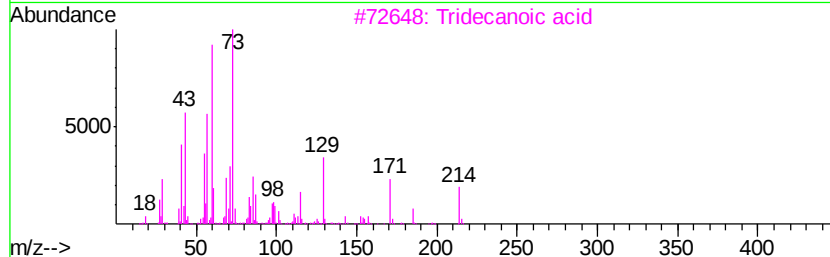
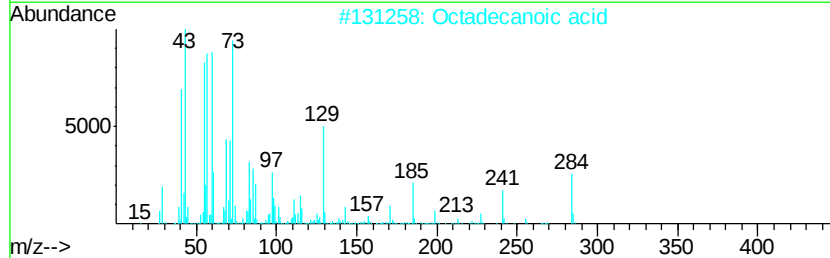
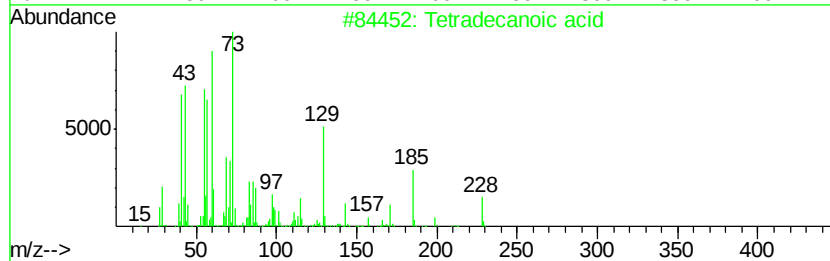
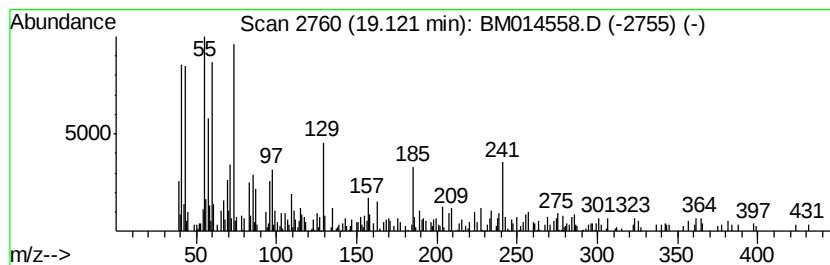
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Peak Number 3 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.12	5.07 ng/ul	275393	Chrysene-d12	21.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2		Octadecanoic acid	284	C18H36O2	000057-11-4	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Undecanoic acid	186	C11H22O2	000112-37-8	58
5		Tricosanoic acid	354	C23H46O2	002433-96-7	58



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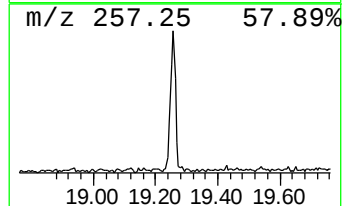
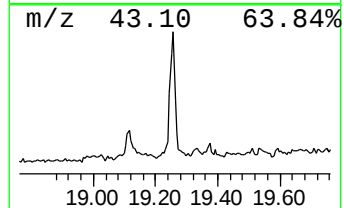
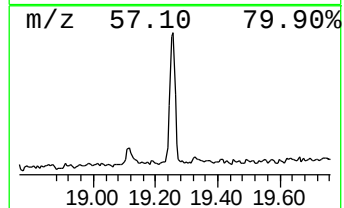
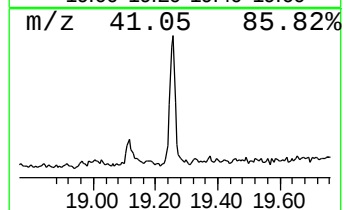
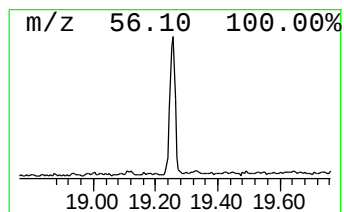
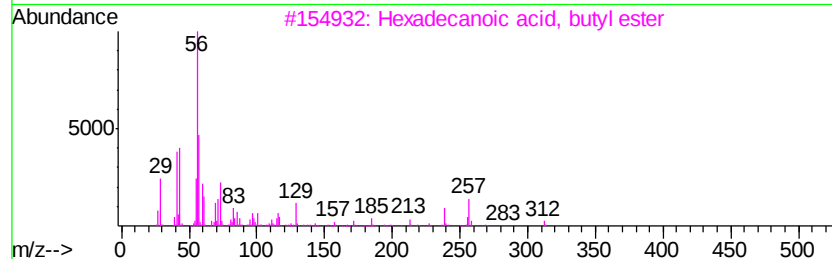
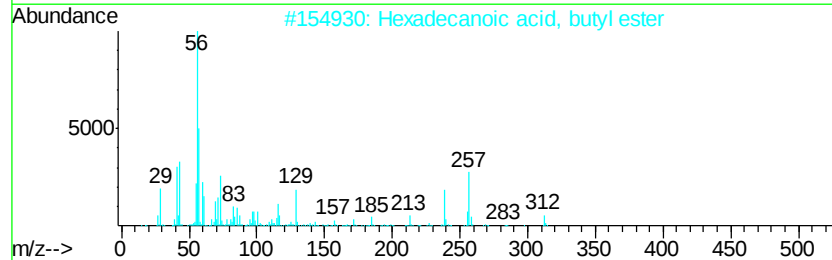
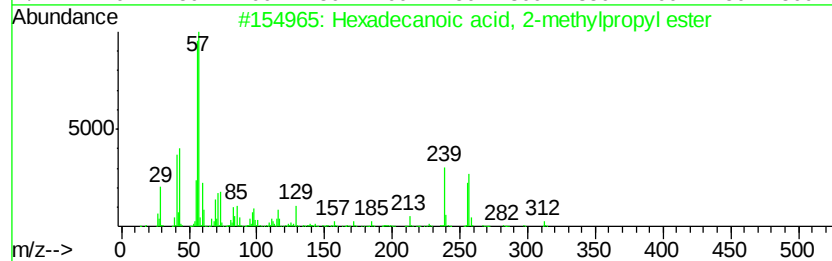
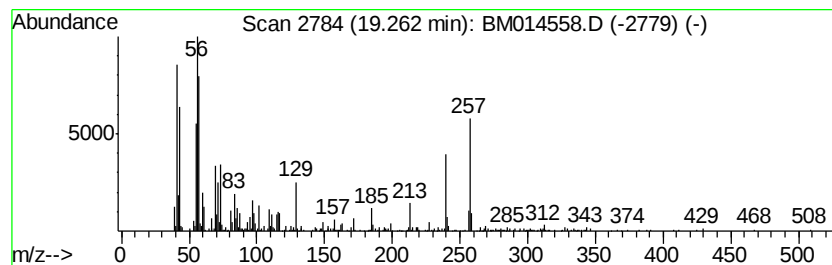
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Peak Number 4 Hexadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	18.56 ng/ul	1007810	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	93
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
5		2-Methyl-1-octadecene	266	C19H38	061868-20-0	38



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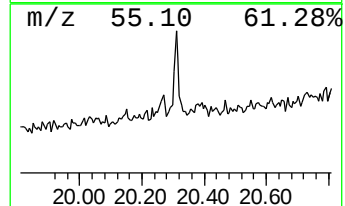
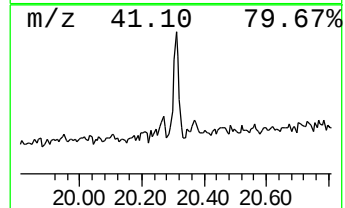
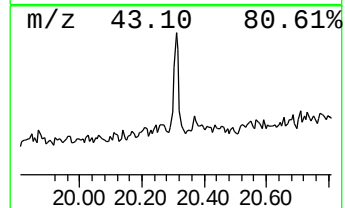
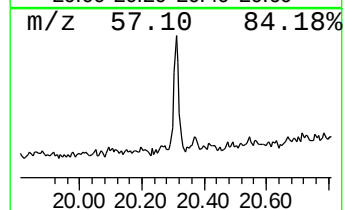
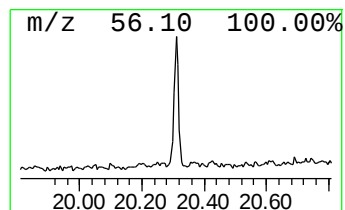
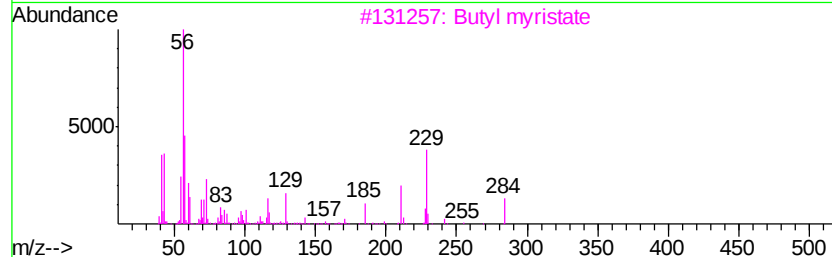
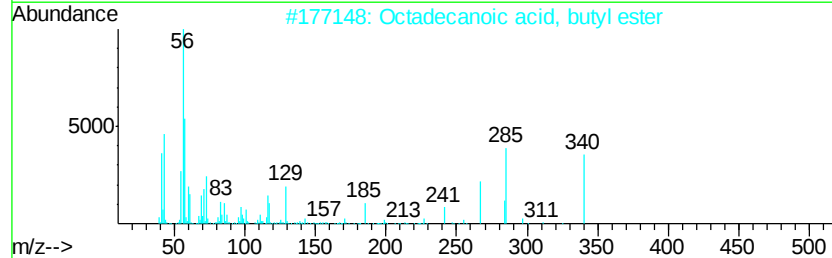
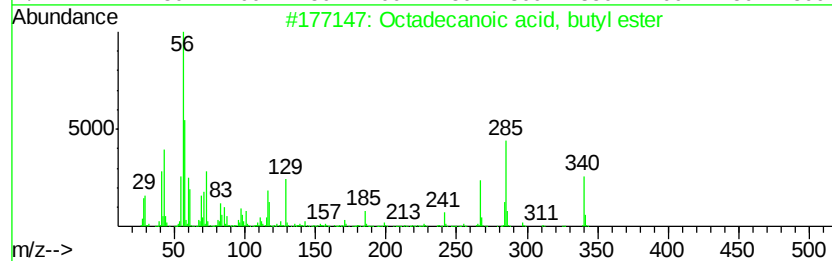
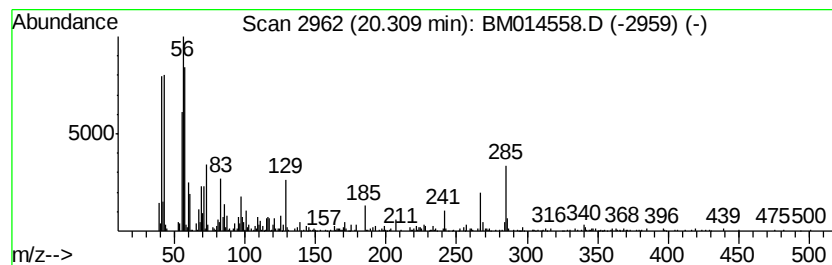
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Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	11.07 ng/ul	601190	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
3		Butyl myristate	284	C18H36O2	000110-36-1	58
4		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	51
5		Tetracosanoic acid	368	C24H48O2	000557-59-5	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031318\
Data File : BM014558.D
Acq On : 14 Mar 2018 00:17
Operator : SJ/JU
Sample : J1813-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F30

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	16.68	3.2	ng/ul	263043	4	16.92	1653550	20.0
n-Hexadecanoic acid	17.82	7.6	ng/ul	626198	4	16.92	1653550	20.0
Tetradecanoic acid	19.12	5.1	ng/ul	275393	5	21.13	1086030	20.0
Hexadecanoic acid...	19.26	18.6	ng/ul	1007810	5	21.13	1086030	20.0
Octadecanoic acid...	20.31	11.1	ng/ul	601190	5	21.13	1086030	20.0