

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014556.D
 Acq On : 13 Mar 2018 23:04
 Operator : SJ/JU
 Sample : J1813-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F36

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	3.057	24	29	35	rVB4	25526	45212	1.51%	0.122%
2	3.551	110	113	121	rVB	37089	52156	1.74%	0.140%
3	4.628	292	296	299	rBV2	29521	46472	1.55%	0.125%
4	4.657	299	301	309	rVB2	48705	63630	2.13%	0.171%
5	6.698	641	648	664	rBV	586195	1174938	39.25%	3.164%
6	6.828	664	670	681	rVB	459340	738859	24.68%	1.990%
7	7.022	697	703	716	rVB	725254	1206570	40.30%	3.250%
8	7.475	771	780	789	rBV	528657	864071	28.86%	2.327%
9	8.216	900	906	919	rBV2	763154	1396454	46.65%	3.761%
10	8.639	971	978	992	rBV	759201	1288290	43.03%	3.470%
11	8.998	1031	1039	1044	rBV2	23849	34346	1.15%	0.093%
12	9.351	1092	1099	1111	rBV	664122	1250074	41.76%	3.367%
13	9.904	1186	1193	1212	rBV	818876	1703026	56.89%	4.587%
14	10.245	1244	1251	1267	rVB	718312	1208025	40.35%	3.253%
15	10.416	1272	1280	1296	rBV2	439876	1009729	33.73%	2.719%
16	12.945	1705	1710	1716	rVB3	37056	56081	1.87%	0.151%
17	13.568	1809	1816	1821	rBV	1631738	2303676	76.95%	6.204%
18	13.616	1821	1824	1830	rVB	235980	318961	10.65%	0.859%
19	13.833	1854	1861	1869	rBV	1749818	2604292	86.99%	7.014%
20	14.039	1890	1896	1901	rBV	91438	130216	4.35%	0.351%
21	14.145	1904	1914	1920	rVV2	897072	1458895	48.73%	3.929%
22	14.192	1920	1922	1929	rVB6	21770	35943	1.20%	0.097%
23	14.451	1959	1966	1981	rBV	299783	913655	30.52%	2.461%
24	14.598	1987	1991	1998	rVB8	36430	76758	2.56%	0.207%
25	14.663	1998	2002	2007	rVB5	28815	44177	1.48%	0.119%
26	14.998	2055	2059	2064	rVB3	108117	133416	4.46%	0.359%
27	15.151	2078	2085	2093	rVV	2051451	2912647	97.29%	7.844%
28	15.221	2093	2097	2101	rVB7	20804	35383	1.18%	0.095%
29	15.333	2110	2116	2122	rBV	316913	542693	18.13%	1.462%
30	15.392	2122	2126	2132	rVB8	42800	92180	3.08%	0.248%
31	15.633	2161	2167	2172	rVB	101350	144593	4.83%	0.389%
32	15.862	2202	2206	2214	rBV2	58244	88927	2.97%	0.239%
33	16.662	2338	2342	2346	rBV5	23551	35831	1.20%	0.097%
34	16.909	2377	2384	2389	rBV	1154160	1637857	54.71%	4.411%

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35	17.009	2395	2401	2409	rVB	2109859	2993684	100.00%	8.063%
36	17.698	2515	2518	2523	rVB7	34568	40930	1.37%	0.110%
37	17.756	2524	2528	2531	rBV6	23648	38568	1.29%	0.104%
38	17.815	2533	2538	2546	rBV	448605	671067	22.42%	1.807%
39	18.962	2730	2733	2735	rBV4	47548	66091	2.21%	0.178%
40	18.986	2735	2737	2743	rVB3	55330	78490	2.62%	0.211%
41	19.109	2754	2758	2763	rBV2	219397	308497	10.30%	0.831%
42	19.250	2779	2782	2785	rBV4	154319	189053	6.32%	0.509%
43	19.321	2789	2794	2801	rBV2	1962319	2727046	91.09%	7.344%
44	20.309	2959	2962	2965	rBV3	151359	144917	4.84%	0.390%
45	20.374	2970	2973	2976	rVB4	96223	105673	3.53%	0.285%
46	20.833	3048	3051	3056	rVB	309215	337762	11.28%	0.910%
47	21.127	3097	3101	3106	rBV	837141	1119748	37.40%	3.016%
48	23.168	3442	3448	3454	rVB	985095	1827128	61.03%	4.921%
49	23.303	3467	3471	3477	rVB	498829	833814	27.85%	2.246%

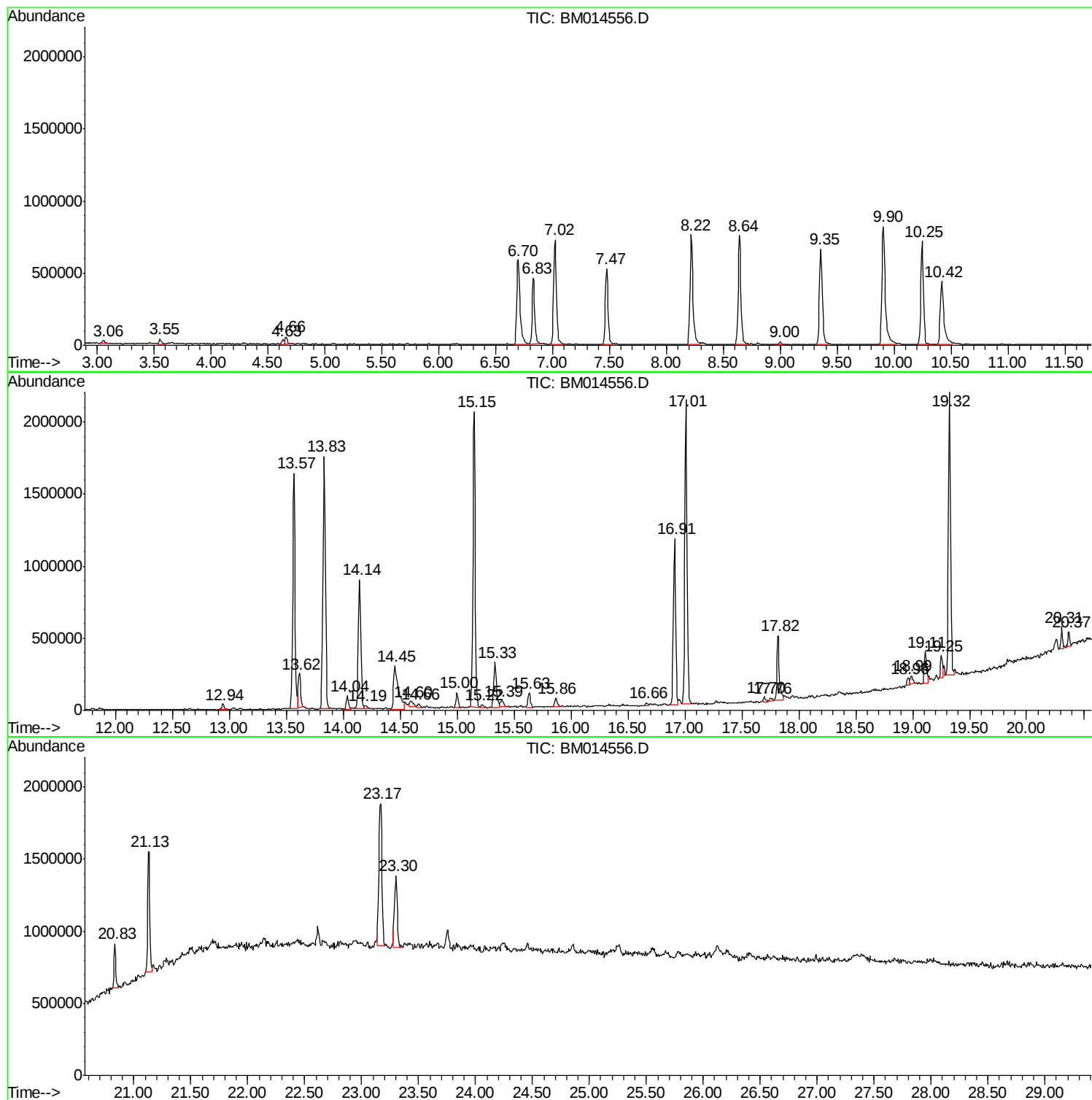
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Quant Title : SVOA CALIBRATION

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



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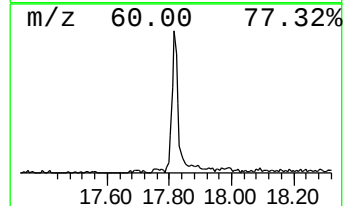
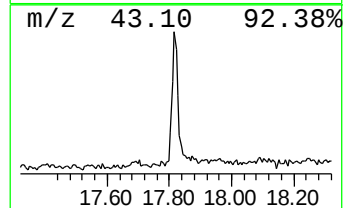
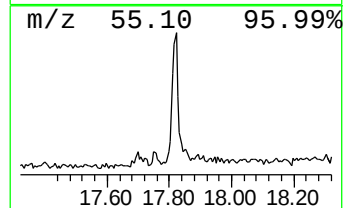
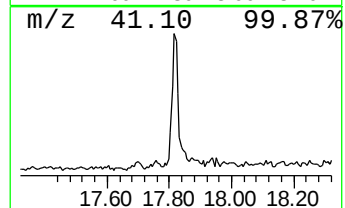
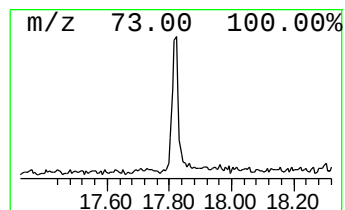
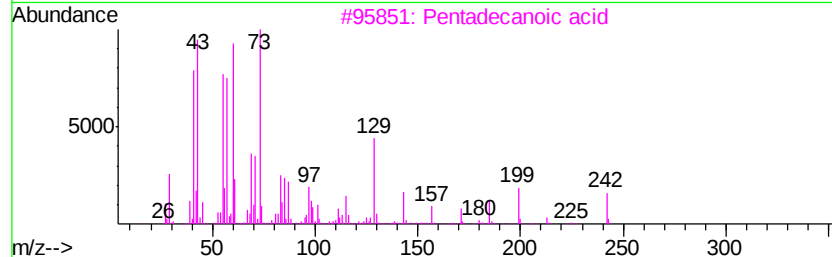
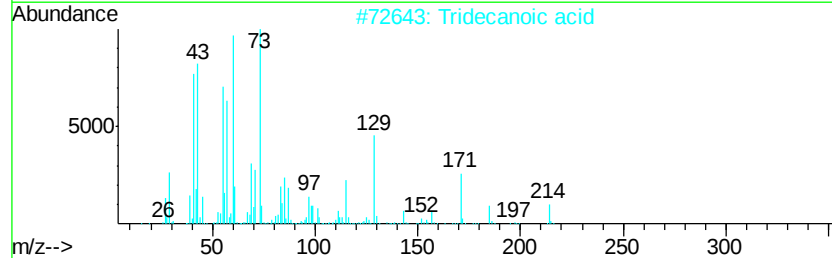
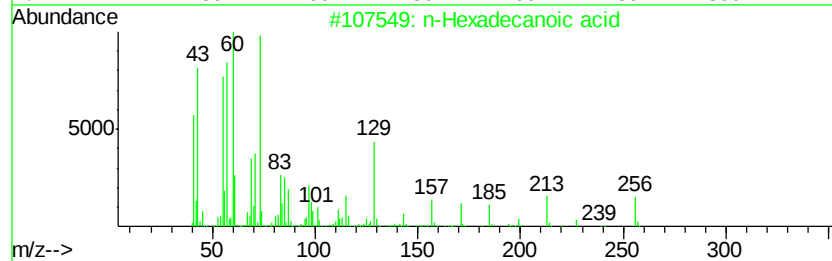
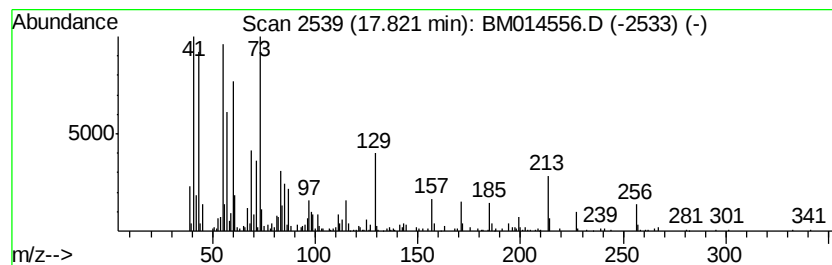
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.82	8.19 ng/ul	671067	Phenanthrene-d10		16.91	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	70



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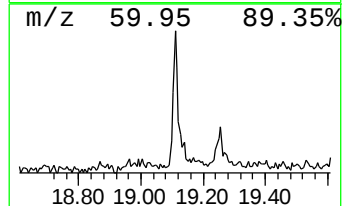
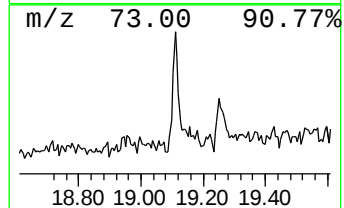
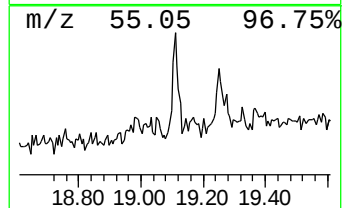
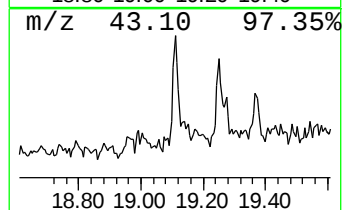
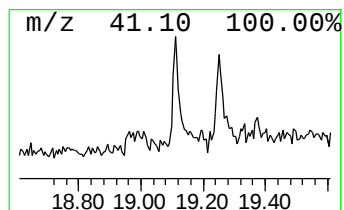
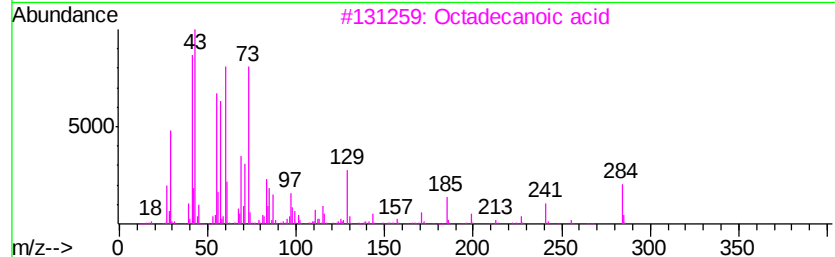
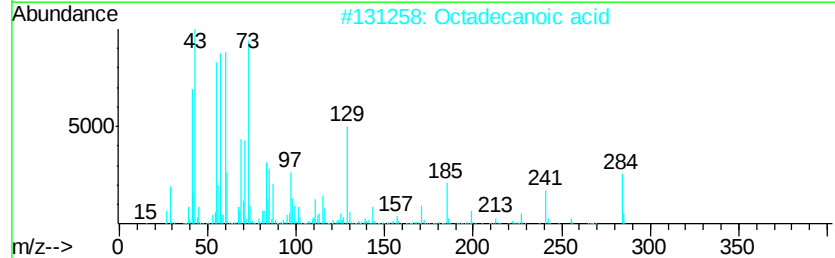
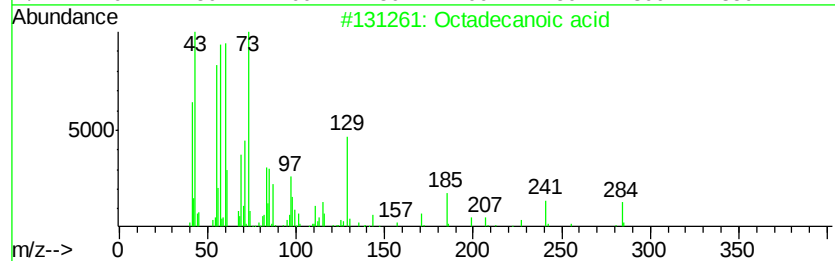
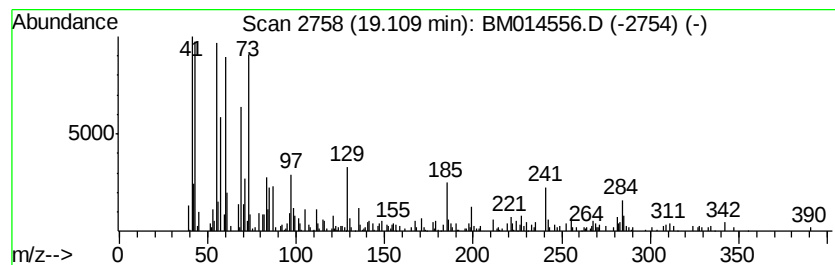
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.11	5.51 ng/ul	308497	Chrysene-d12		21.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	86



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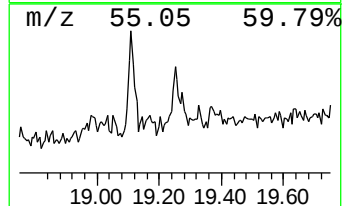
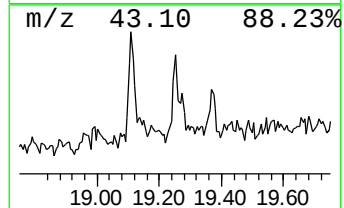
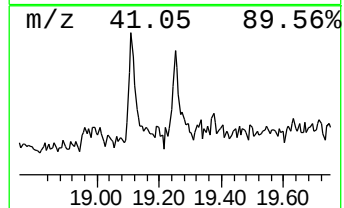
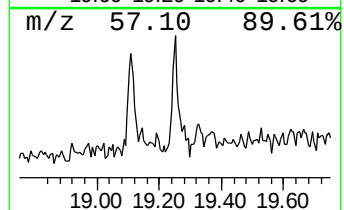
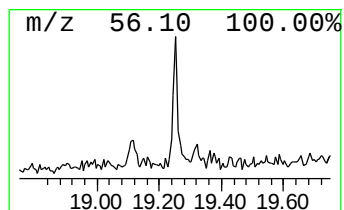
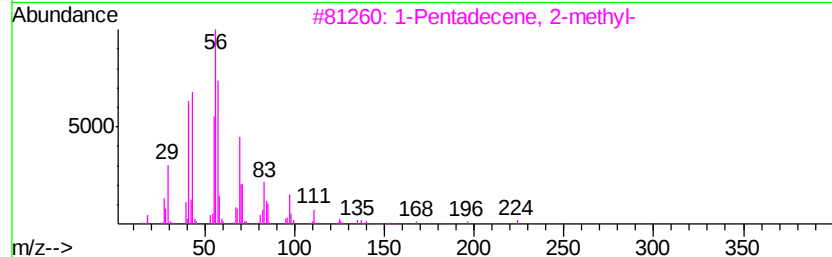
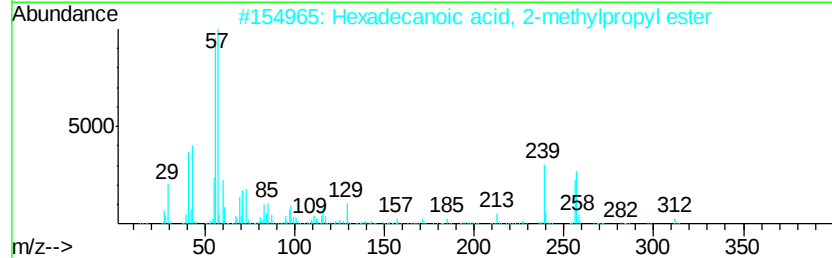
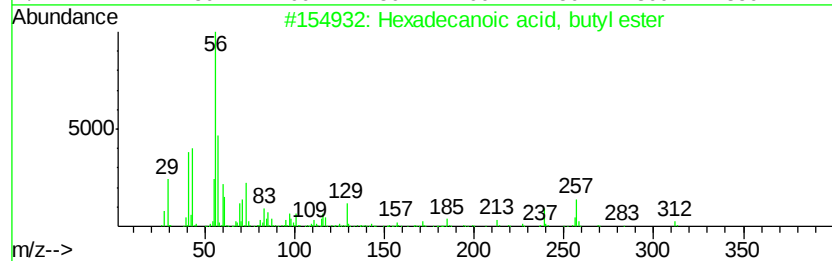
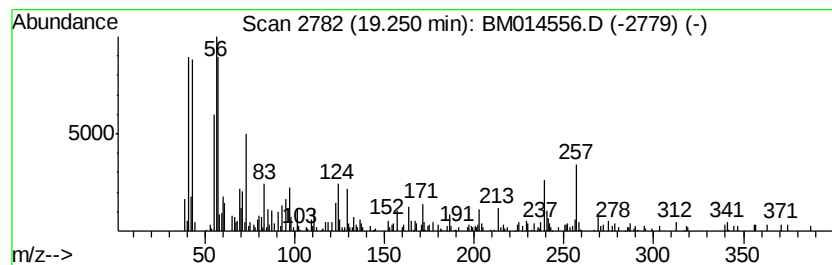
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.38 ng/ul	189053	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	89
2		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	58
3		1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	56
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	38
5		2-Undecene, 6-methyl-, (E)-	168	C12H24	074630-61-8	35



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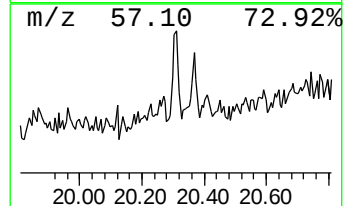
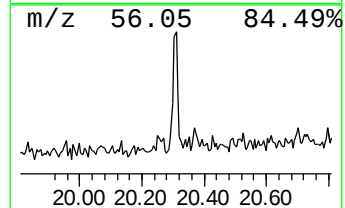
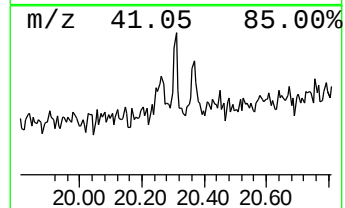
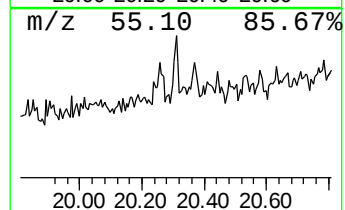
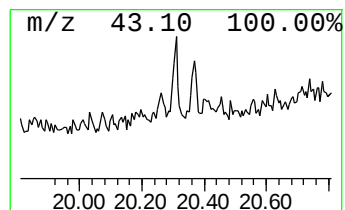
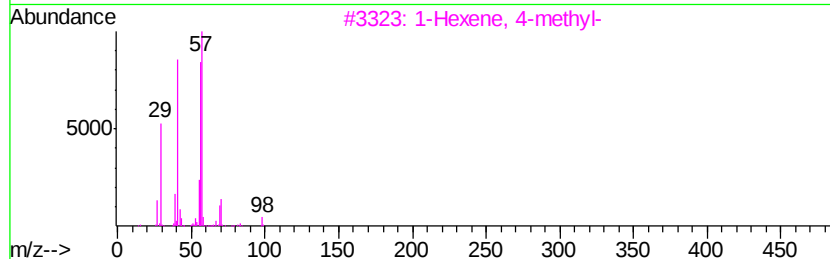
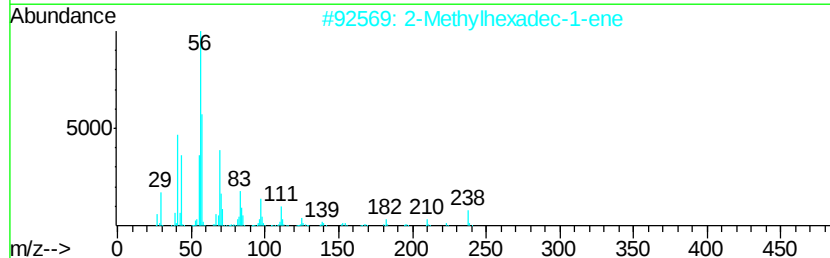
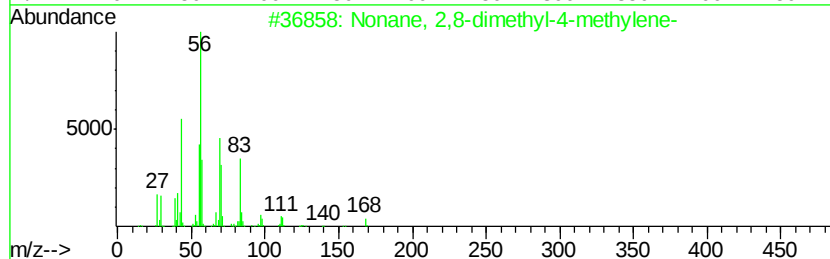
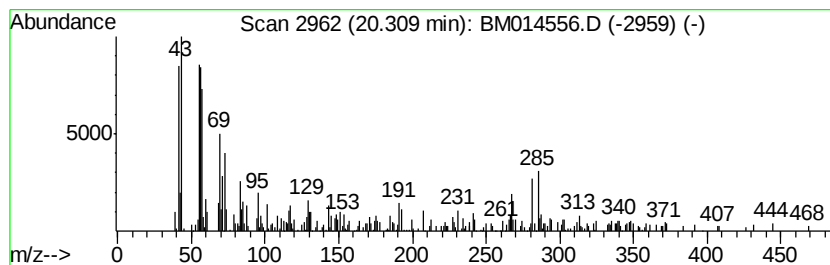
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Peak Number 4 (DEL) Alkane: Cyclic20.31 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	2.59 ng/ul	144917	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,8-dimethyl-4-methylene-	168	C12H24	007323-15-1	50
2		2-Methylhexadec-1-ene	238	C17H34	061868-19-7	45
3		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43
4		3-Undecene, 4-methyl-	168	C12H24	074630-68-5	43
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	38



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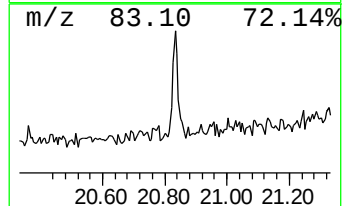
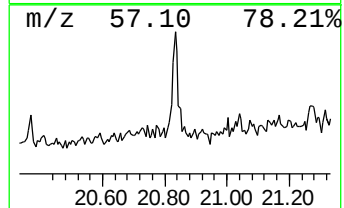
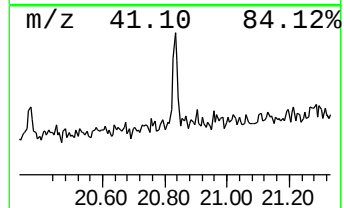
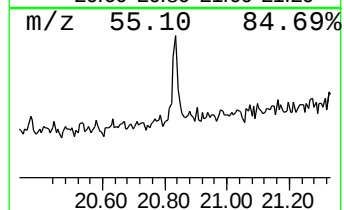
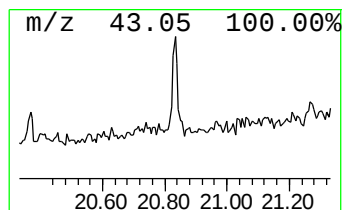
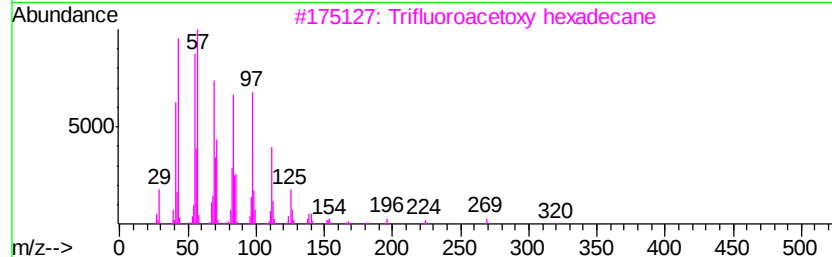
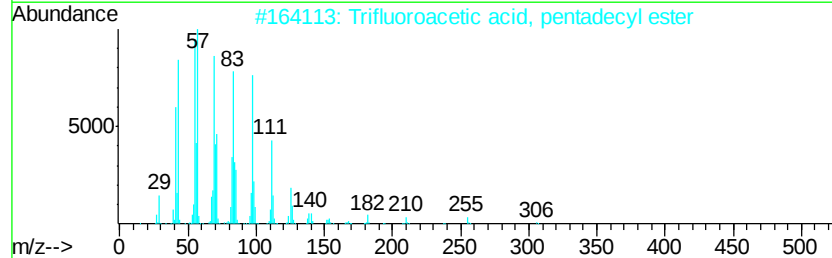
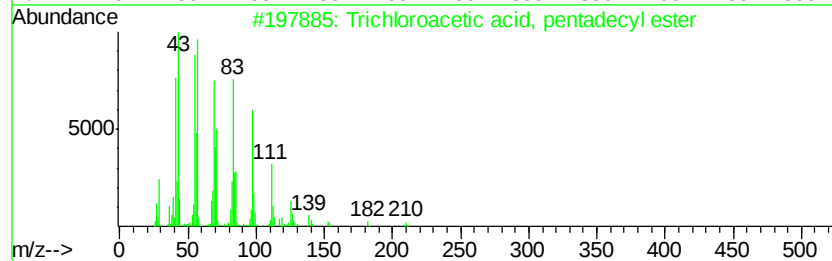
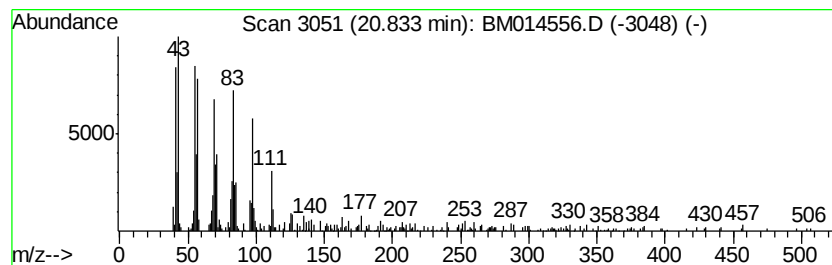
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.03 ng/ul	337762	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031318\
Data File : BM014556.D
Acq On : 13 Mar 2018 23:04
Operator : SJ/JU
Sample : J1813-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F36

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
n-Hexadecanoic acid	17.82	8.2	ng/ul	671067	4	16.91	1637860	20.0
Octadecanoic acid	19.11	5.5	ng/ul	308497	5	21.13	1119750	20.0
Hexadecanoic acid...	19.25	3.4	ng/ul	189053	5	21.13	1119750	20.0
(DEL) Alkane: Cyc...	20.31	2.6	ng/ul	144917	5	21.13	1119750	20.0
Trichloroacetic a...	20.83	6.0	ng/ul	337762	5	21.13	1119750	20.0