LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008963.D
Acq On : 02 Feb 2017 15:40
Operator : SJ/MA
Sample : I1495-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDNR7

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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	3.375	130	134	138	rVB2	23904	28382	1.25%	0.112%
2	7.063	753	761	771	rBV3	420462	804190	35.51%	3.184%
3	7.239	784	791	799	rBV	277054	432996	19.12%	1.714%
4	7.439	819	825	834	rBV	426041	672167	29.68%	2.661%
5	7.910	900	905	912	rBV	350351	550344	24.30%	2.179%
6	8.604	1017	1023	1032	rVB	402575	641983	28.35%	2.542%
7	9.075	1096	1103	1111	rBV	459288	768216	33.92%	3.041%
8	9.798	1218	1226	1233	rVB	400621	653106	28.84%	2.586%
9	10.327	1309	1316	1327	rVB	515622	844455	37.29%	3.343%
10	10.716	1374	1382	1390	rBV	422392	707171	31.23%	2.800%
11	10.851	1396	1405	1414	rBV	441035	738853	32.63%	2.925%
12	13.957	1926	1933	1937	rBV	923470	1258236	55.56%	4.981%
13	14.004	1937	1941	1947	rVB2	121507	169190	7.47%	0.670%
14	14.245	1975	1982	1989	rBV	900324	1235979	54.58%	4.893%
15	14.551	2028	2034	2042	rVB	622649	892288	39.40%	3.532%
16	14.733	2059	2065	2079	rBV	560646	840362	37.11%	3.327%
17	14.945	2095	2101	2112	rBV3	104899	157686	6.96%	0.624%
18	15.380	2171	2175	2181	rVB2	35703	46026	2.03%	0.182%
19	15.545	2197	2203	2209	rBV	1129622	1567135	69.20%	6.204%
20	15.657	2216	2222	2230	rBV	533582	722241	31.89%	2.859%
21	15.780	2235	2243	2247	rBV5	22588	37767	1.67%	0.150%
22	16.239	2317	2321	2330	rBV4	46258	79992	3.53%	0.317%
23	16.674	2391	2395	2399	rBV6	26043	36494	1.61%	0.144%
24	17.033	2451	2456	2461	rBV2	40518	53482	2.36%	0.212%
25	17.080	2461	2464	2472	rVB4	13368	23696	1.05%	0.094%
26	17.298	2495	2501	2507	rVB	827736	1151479	50.85%	4.559%
27	17.398	2511	2518	2524	rBV	1296311	1819252	80.33%	7.202%
28	18.168	2642	2649	2660	rBV	209713	313518	13.84%	1.241%
29	19.315	2842	2844	2848	rVB5	20425	28197	1.25%	0.112%
30	19.439	2861	2865	2872	rBV2	186388	260300	11.49%	1.030%
31	19.686	2901	2907	2913	rBV	1669394	2206756	97.44%	8.736%
32	20.962	3121	3124	3127	rBV3	60942	61659	2.72%	0.244%
33	20.997	3127	3130	3134	rVB3	74254	83787	3.70%	0.332%
34	21.150	3152	3156	3164	rBV3	137464	206375	9.11%	0.817%

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Title : SVOA CALIBRATION

35	21.468	3204	3210	3216	rBV	1134698	1473721	65.08%	5.834%
36	21.880	3277	3280	3284	rVB5	37982	47034	2.08%	0.186%
37	23.668	3577	3584	3593	rVB2	1182735	2264630	100.00%	8.965%
38	23.821	3603	3610	3620	rVB	707009	1380577	60.96%	5.466%

Sum of corrected areas: 25259722

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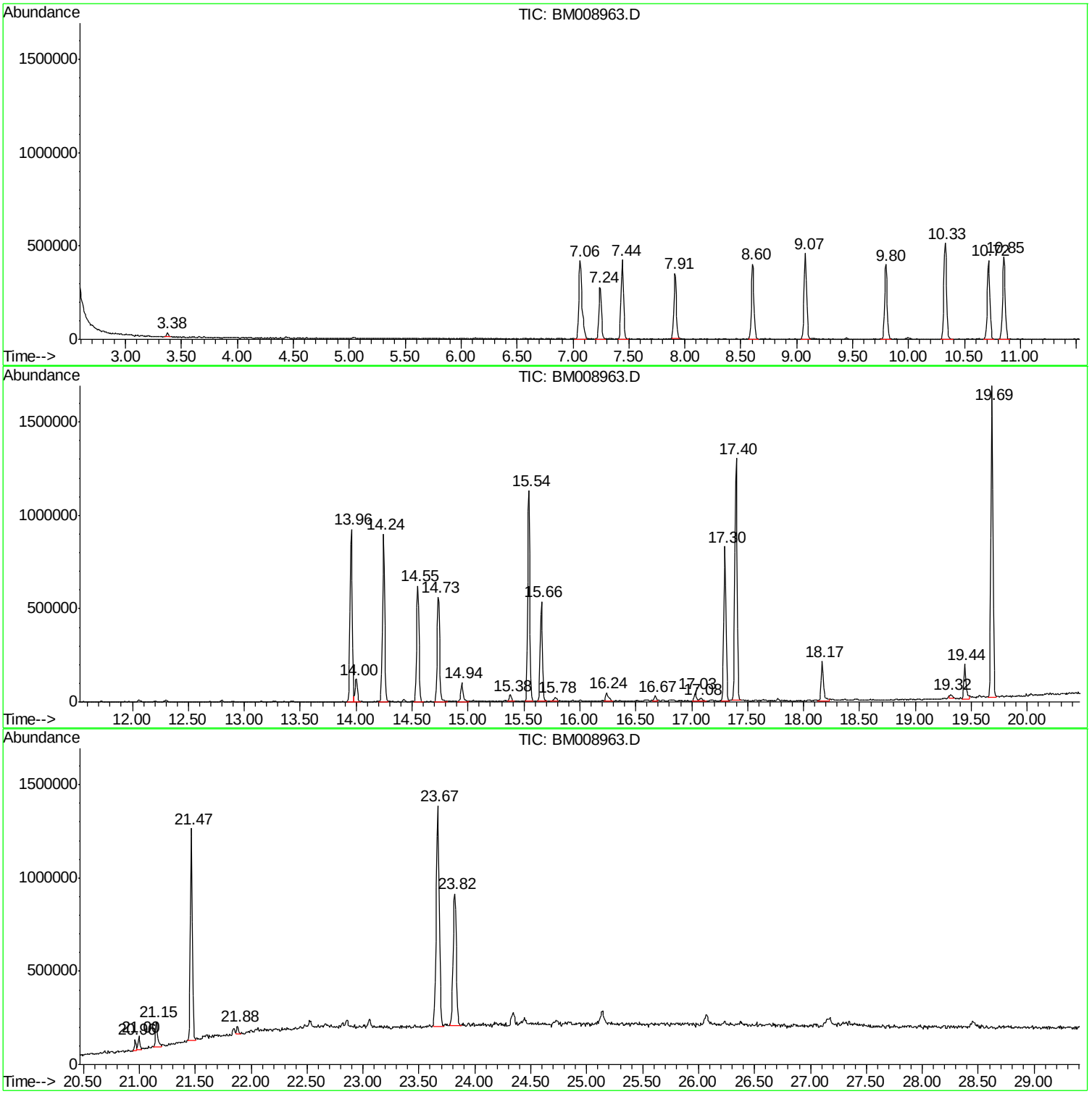
ClientSampleId :
BDNR7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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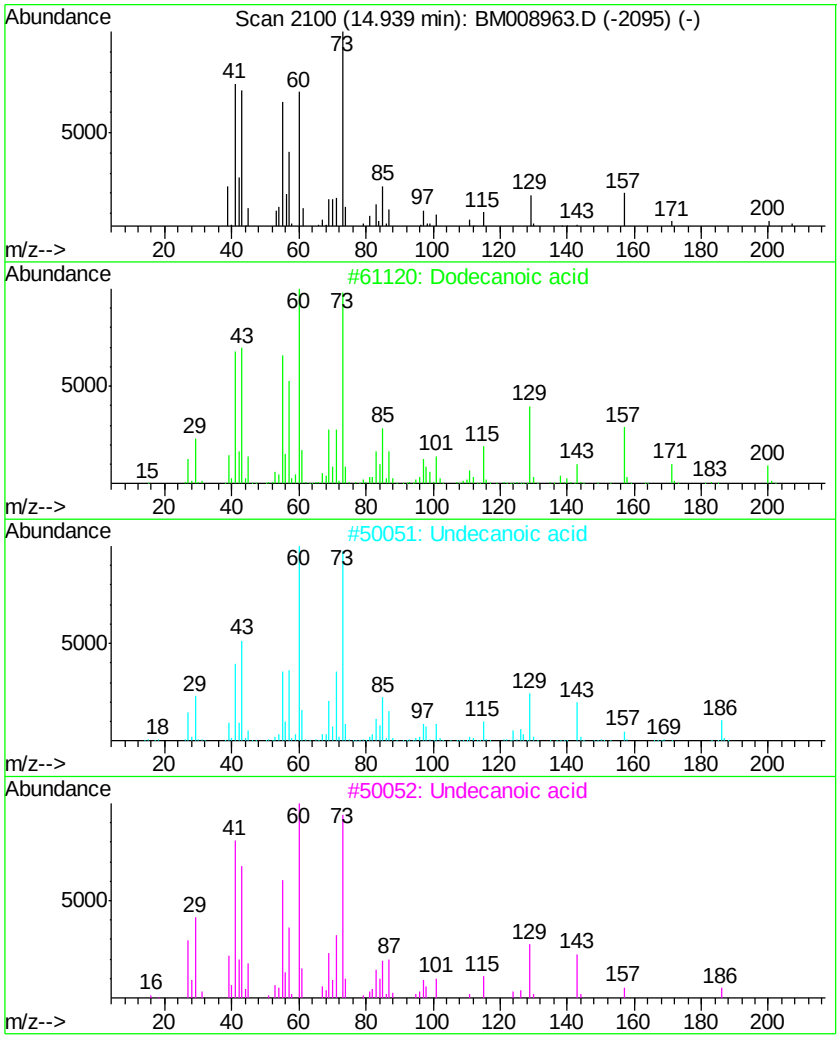
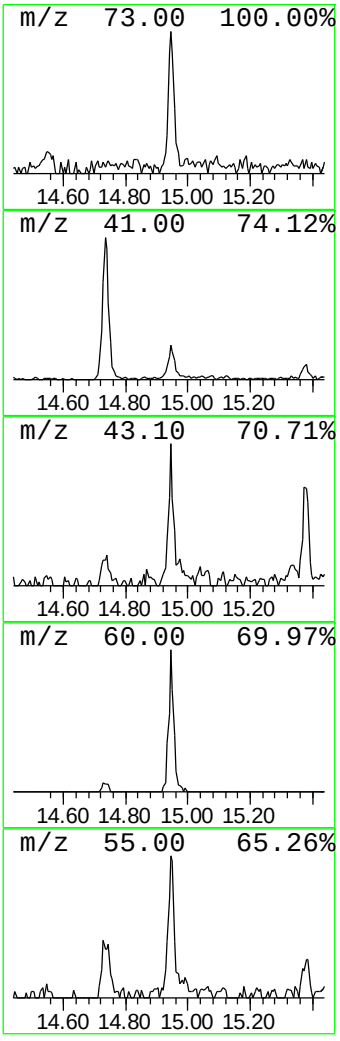
Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.53 ng/ul	157686	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	95
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





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Instrument : BNA_M
ClientSampleId : BDNR7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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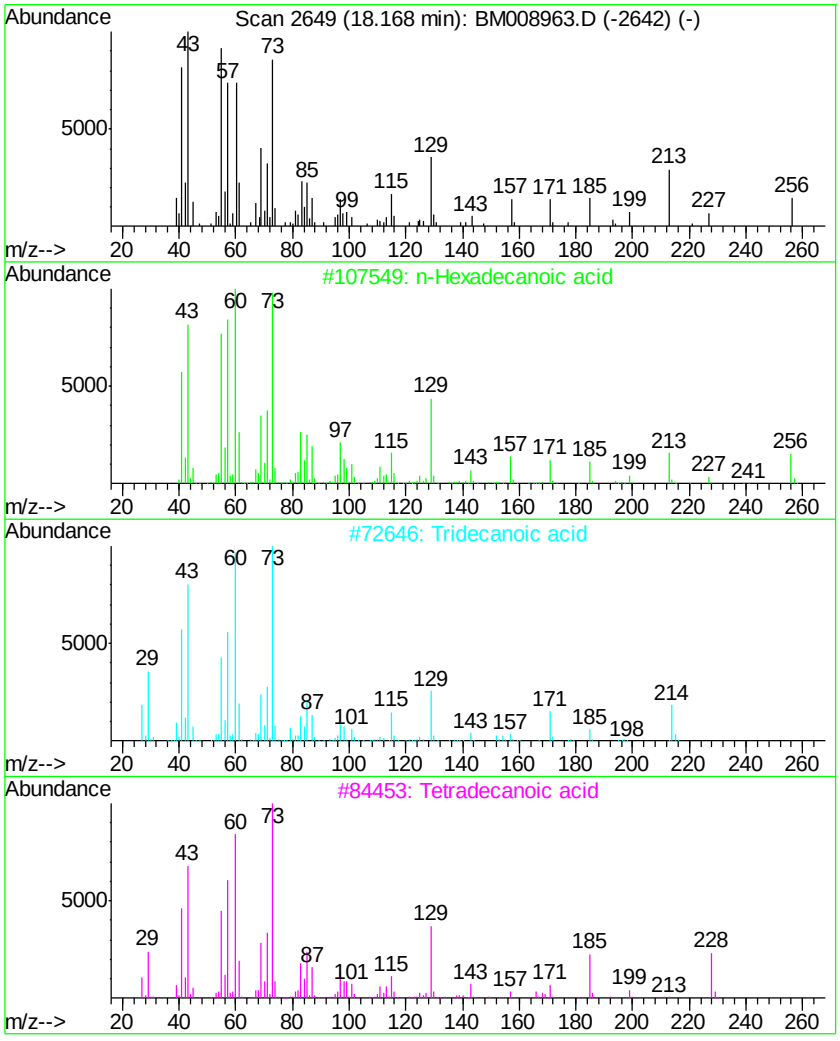
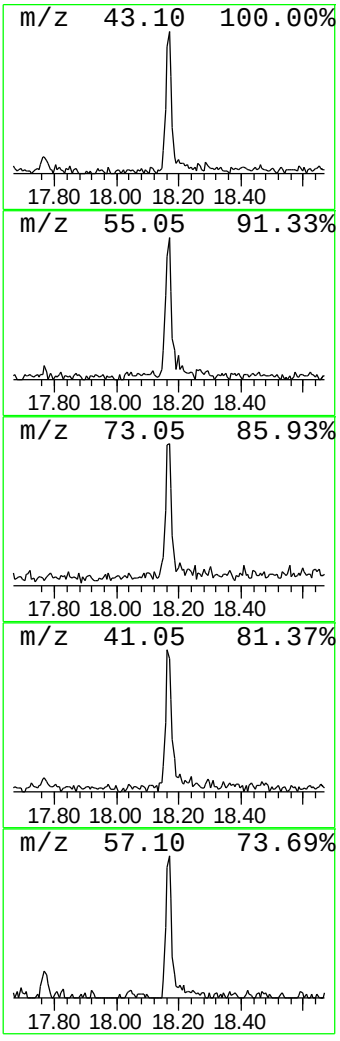
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	5.45 ng/ul	313518	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Instrument : BNA_M
ClientSampleId : BDNR7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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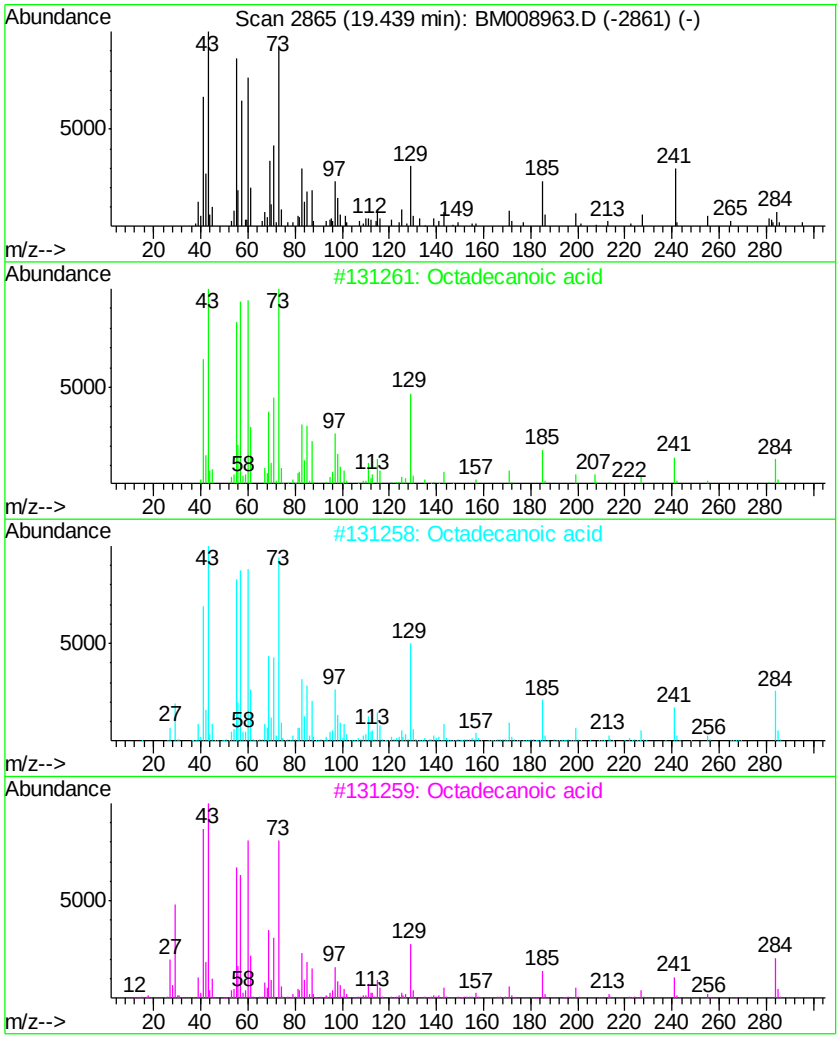
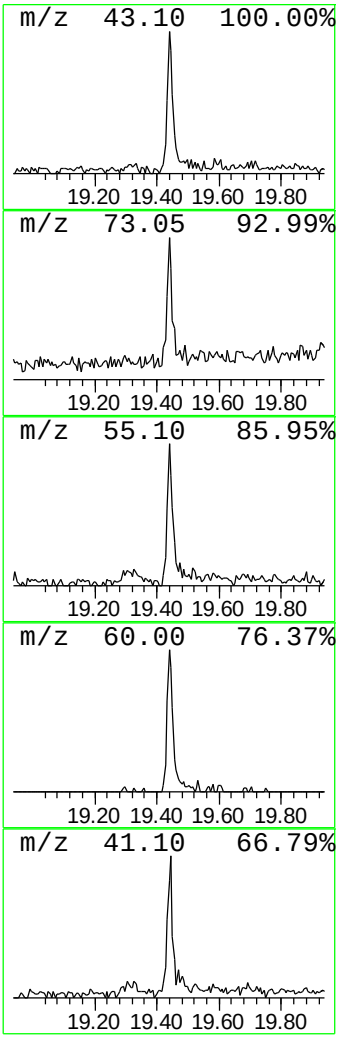
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	3.53 ng/ul	260300	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	86
2	Octadecanoic acid	284	C18H36O2	000057-11-4	80
3	Octadecanoic acid	284	C18H36O2	000057-11-4	72
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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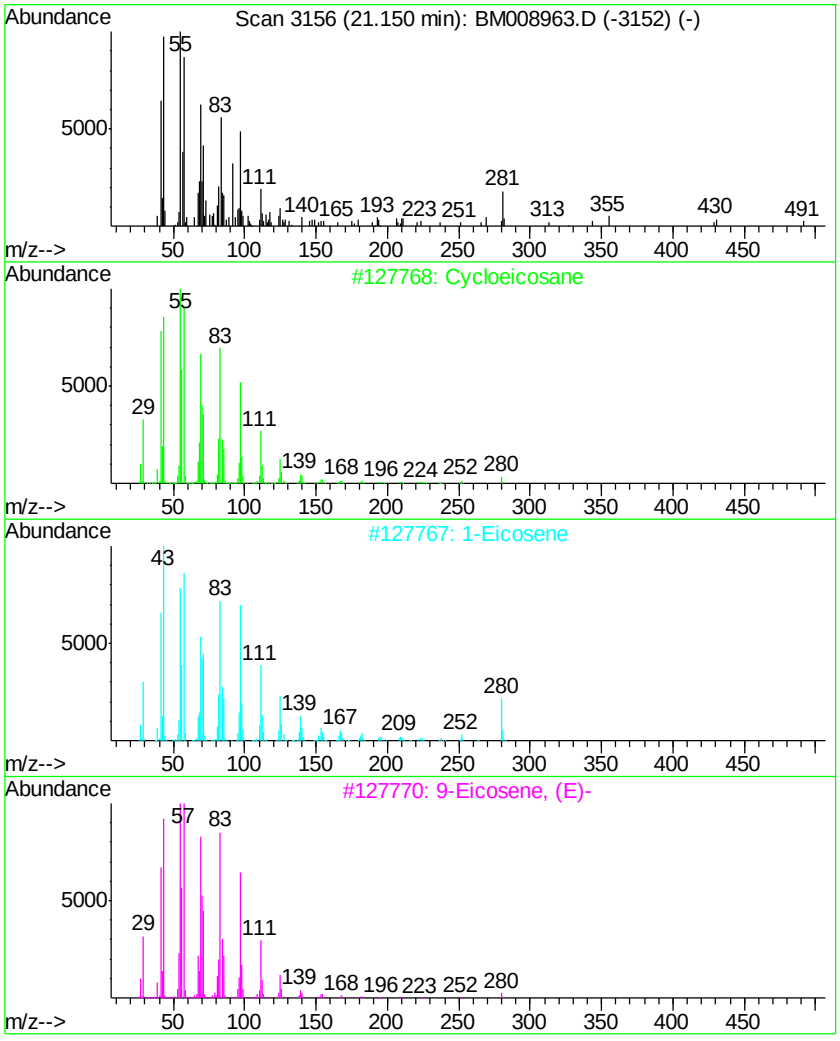
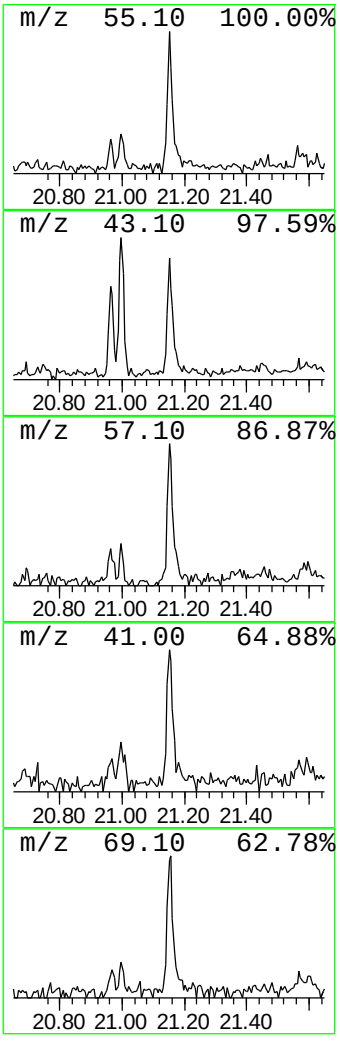
Peak Number 4 (DEL) Alkane: Cyclic21.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.80 ng/ul	206375	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	1-Eicosene	280	C20H40	003452-07-1	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	89
4	1-Eicosene	280	C20H40	003452-07-1	83
5	1-Docosene	308	C22H44	001599-67-3	76





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	14.94	3.5	ng/ul	157686	3	14.55	892288	20.0
n-Hexadecanoic acid	18.17	5.5	ng/ul	313518	4	17.30	1151480	20.0
Octadecanoic acid	19.44	3.5	ng/ul	260300	5	21.47	1473720	20.0
(DEL) Alkane: Cyc...	21.15	2.8	ng/ul	206375	5	21.47	1473720	20.0