LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012255.D
Acq On : 17 Oct 2017 19:11
Operator : SJ/JU
Sample : I5697-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AB5

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\SOM-EPA-BM101217.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	6.957	651	658	677	rBV2	740717	1663783	25.92%	2.682%
2	7.122	678	686	699	rVB	664331	1045073	16.28%	1.684%
3	7.316	713	719	732	rBV	836366	1413179	22.02%	2.278%
4	7.787	793	799	810	rBV	694914	1223270	19.06%	1.972%
5	8.504	913	921	927	rBV	1099115	1818605	28.33%	2.931%
6	8.563	927	931	943	rVB	215402	425359	6.63%	0.686%
7	8.957	991	998	1009	rBV	781684	1385972	21.59%	2.234%
8	9.681	1113	1121	1133	rBV	735427	1330146	20.72%	2.144%
9	10.222	1206	1213	1230	rBV	1042986	2013796	31.37%	3.246%
10	10.586	1267	1275	1288	rBV	1141452	1943395	30.28%	3.132%
11	10.739	1292	1301	1319	rBV	957813	1946974	30.33%	3.138%
12	11.916	1496	1501	1515	rVB	49886	102525	1.60%	0.165%
13	13.304	1732	1737	1744	rBV	35503	64835	1.01%	0.105%
14	13.851	1824	1830	1834	rBV	2154964	3028181	47.18%	4.881%
15	13.898	1834	1838	1848	rVB	556954	804939	12.54%	1.297%
16	14.139	1872	1879	1894	rBB	2258504	3453297	53.80%	5.566%
17	14.292	1898	1905	1914	rBV3	72438	202163	3.15%	0.326%
18	14.445	1924	1931	1943	rVB2	1589484	2533428	39.47%	4.083%
19	14.674	1959	1970	1992	rBV	409136	1065310	16.60%	1.717%
20	14.851	1997	2000	2011	rVB6	32059	69305	1.08%	0.112%
21	15.439	2093	2100	2111	rBV	3120835	4461919	69.51%	7.192%
22	15.586	2119	2125	2137	rBV	527074	922156	14.37%	1.486%
23	15.804	2156	2162	2171	rVB	192998	293757	4.58%	0.473%
24	17.192	2391	2398	2407	rBV2	2263679	3274071	51.01%	5.277%
25	17.292	2408	2415	2424	rBV	3464797	4979167	77.57%	8.025%
26	17.951	2522	2527	2534	rBV4	46426	81744	1.27%	0.132%
27	18.068	2542	2547	2557	rBV	601141	875500	13.64%	1.411%
28	19.209	2736	2741	2742	rBV2	108313	151072	2.35%	0.243%
29	19.351	2760	2765	2774	rBV	464651	743356	11.58%	1.198%
30	19.474	2782	2786	2790	rBV	43927	66158	1.03%	0.107%
31	19.586	2799	2805	2814	rBV	4650389	6419023	100.00%	10.346%
32	21.062	3052	3056	3060	rBV2	179654	240535	3.75%	0.388%
33	21.374	3104	3109	3118	rBV	2636912	3541626	55.17%	5.708%
34	23.527	3468	3475	3483	rVB2	2621502	5058488	78.80%	8.153%

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Title : SVOA CALIBRATION

35	23.674	3493	3500	3511	rVB	1716824	3400758	52.98%	5.481%

Sum of corrected areas: 62042865

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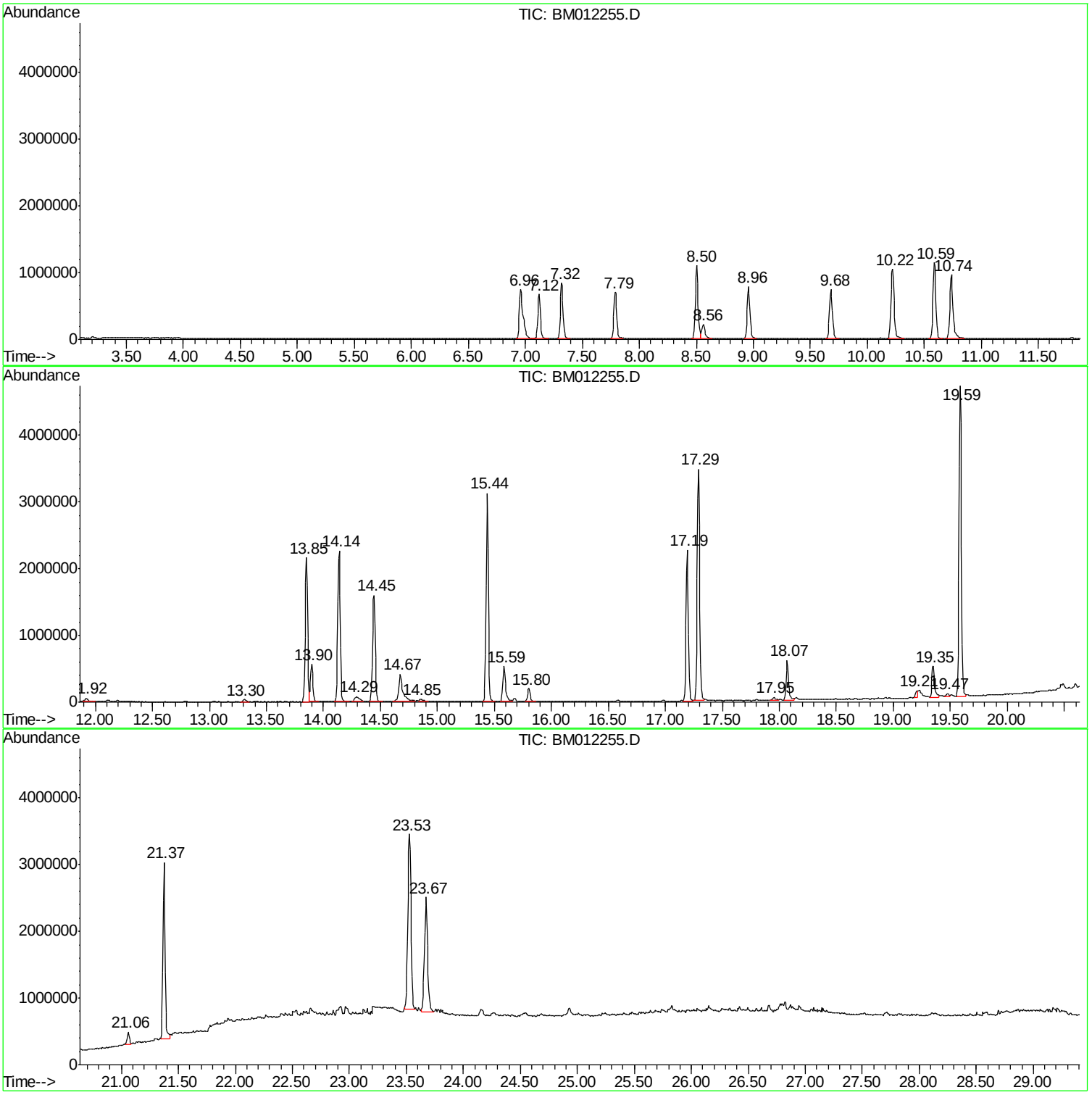
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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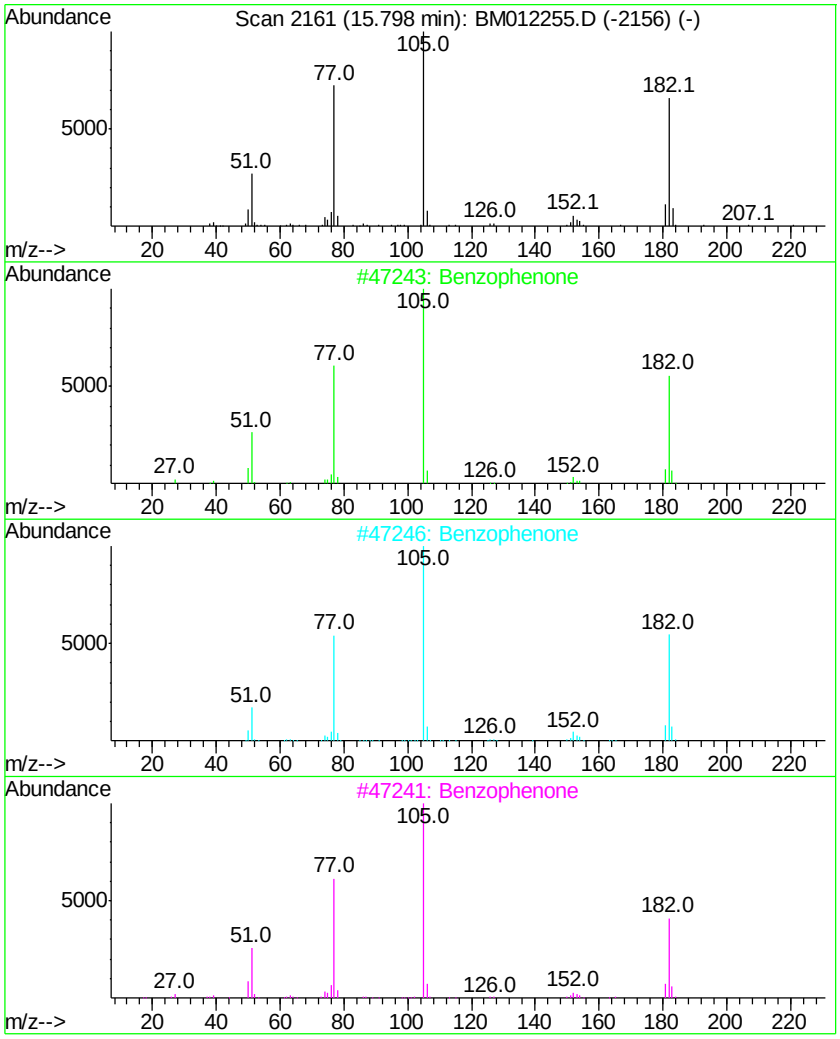
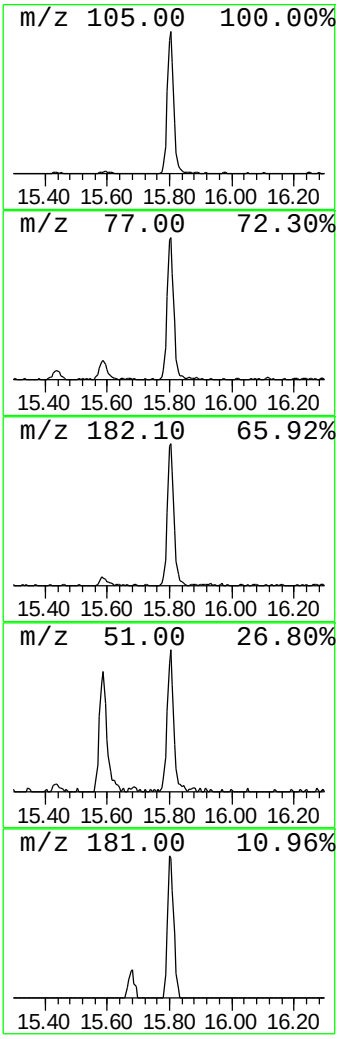
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.32 ng/ul	293757	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
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	68





Library Search Compound Report

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Acq On : 17 Oct 2017 19:11
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AB5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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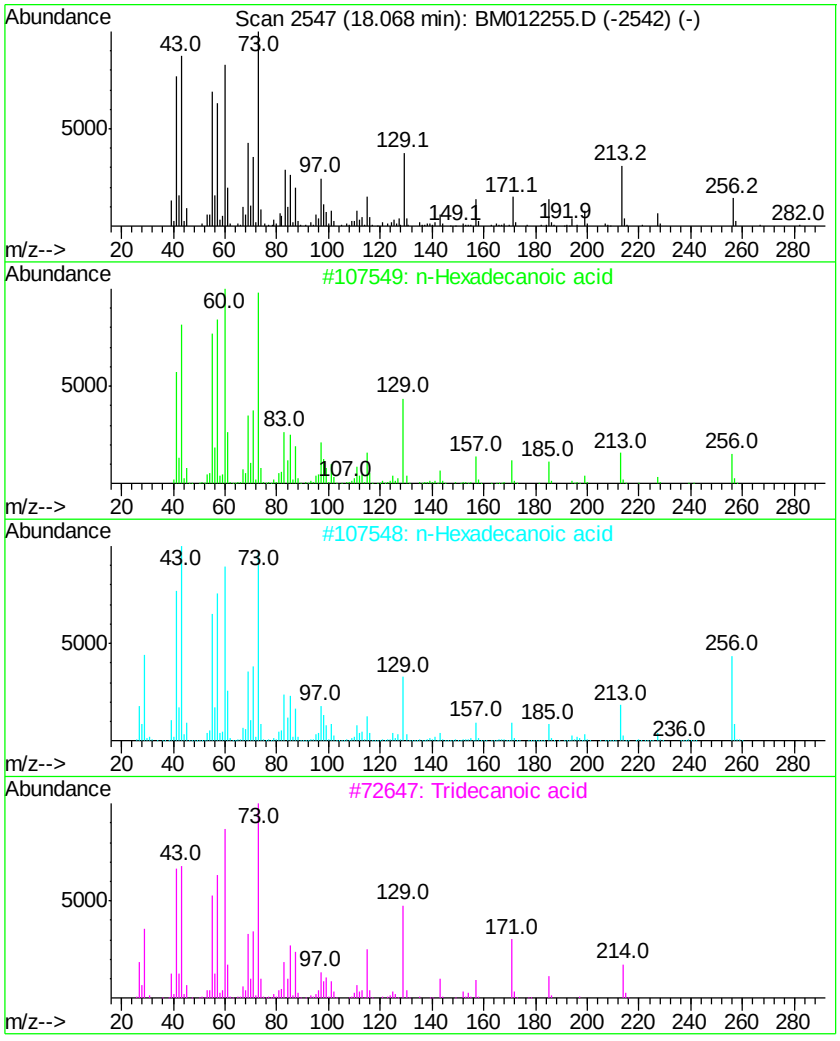
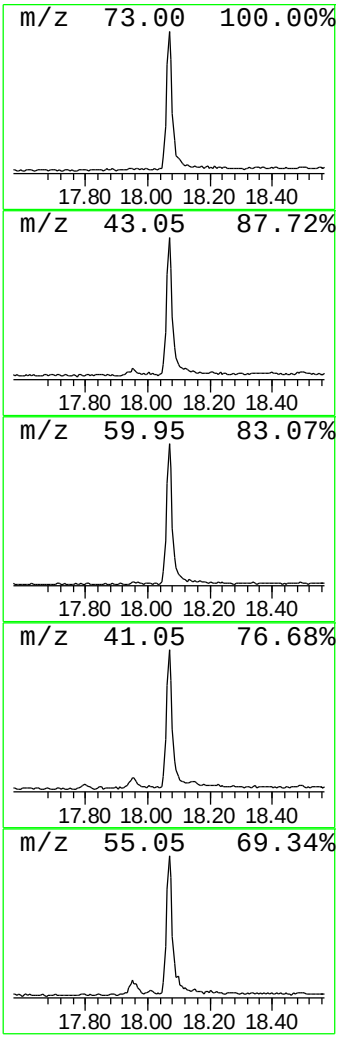
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.35 ng/ul	875500	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	81





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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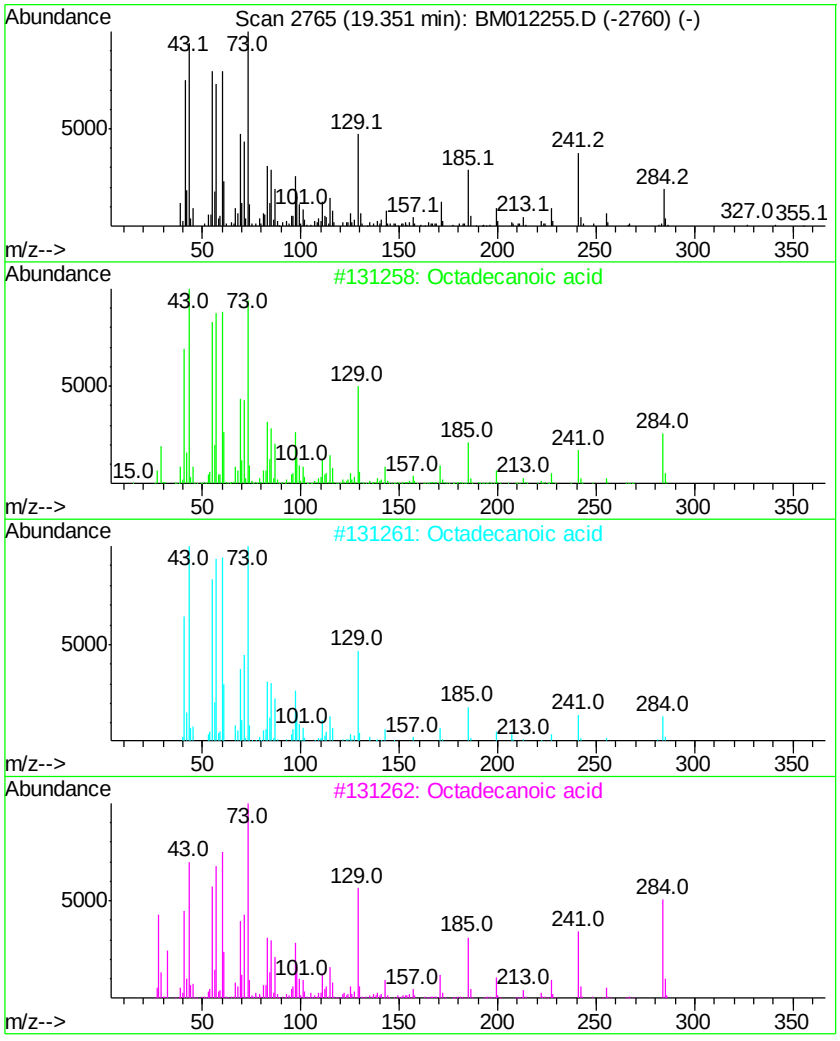
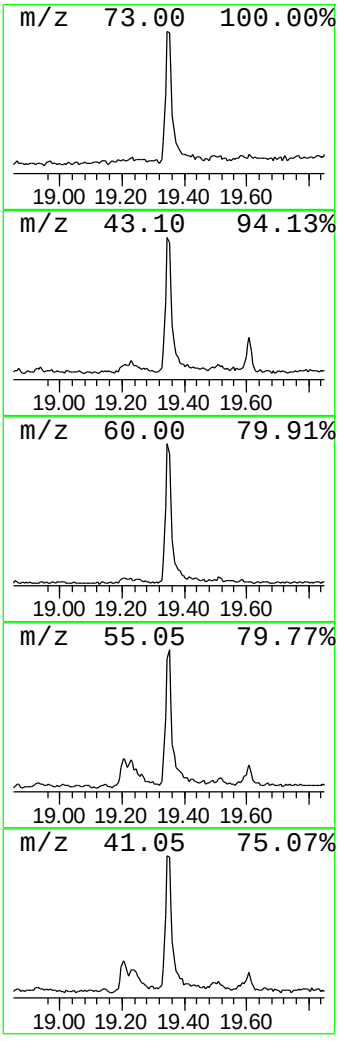
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	4.20 ng/ul	743356	Chrysene-d12	21.37

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	98





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Benzophenone	15.80	2.3	ng/ul	293757	3	14.44	2533430	20.0
n-Hexadecanoic acid	18.07	5.3	ng/ul	875500	4	17.19	3274070	20.0
Octadecanoic acid	19.35	4.2	ng/ul	743356	5	21.37	3541630	20.0