LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012259.D
Acq On : 17 Oct 2017 21:35
Operator : SJ/JU
Sample : I5664-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B53

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	652	658	678	rBV2	810997	1647903	25.48%	2.686%
2	7.116	678	685	698	rBV	644095	1089483	16.85%	1.776%
3	7.316	713	719	733	rBV	855662	1479295	22.87%	2.411%
4	7.786	793	799	814	rBV	494604	881562	13.63%	1.437%
5	8.504	914	921	937	rBV	1021055	1939813	29.99%	3.162%
6	8.957	991	998	1014	rBV	797114	1427760	22.08%	2.327%
7	9.680	1114	1121	1140	rBV	736848	1381315	21.36%	2.251%
8	10.222	1206	1213	1235	rBV	1115413	2118155	32.75%	3.452%
9	10.586	1268	1275	1290	rVB	846505	1423109	22.00%	2.320%
10	10.733	1294	1300	1322	rBV	871990	1815876	28.08%	2.960%
11	11.922	1495	1502	1510	rBV	33946	66092	1.02%	0.108%
12	13.851	1823	1830	1834	rBV	2158244	3012642	46.58%	4.910%
13	13.898	1834	1838	1847	rVB	835274	1210877	18.72%	1.974%
14	14.133	1872	1878	1894	rVB	2314877	3452788	53.39%	5.628%
15	14.310	1899	1908	1916	rBV3	35844	93262	1.44%	0.152%
16	14.439	1924	1930	1941	rVB2	1124410	1785648	27.61%	2.910%
17	14.668	1961	1969	1991	rBV	538210	1246079	19.27%	2.031%
18	15.439	2093	2100	2114	rBV	2979705	4420866	68.36%	7.206%
19	15.580	2118	2124	2135	rBV	746117	1258368	19.46%	2.051%
20	15.804	2156	2162	2169	rBV	155997	220418	3.41%	0.359%
21	17.192	2391	2398	2405	rBV2	1917835	2740062	42.37%	4.466%
22	17.292	2408	2415	2425	rBV	4081367	5916191	91.48%	9.643%
23	18.068	2542	2547	2557	rBV	793061	1131191	17.49%	1.844%
24	19.227	2737	2744	2752	rBV	62751	130757	2.02%	0.213%
25	19.350	2760	2765	2776	rBV	286401	498098	7.70%	0.812%
26	19.586	2799	2805	2815	rBV	4679020	6467404	100.00%	10.541%
27	21.056	3051	3055	3063	rBV	612629	772071	11.94%	1.258%
28	21.374	3104	3109	3117	rBV	2208050	3043129	47.05%	4.960%
29	22.409	3282	3285	3293	rVB2	331792	454773	7.03%	0.741%
30	23.527	3468	3475	3486	rVB2	2935370	5756212	89.00%	9.382%
31	23.674	3494	3500	3508	rVB	1197342	2472249	38.23%	4.030%

Sum of corrected areas: 61353448

LSC Report - Integrated Chromatogram

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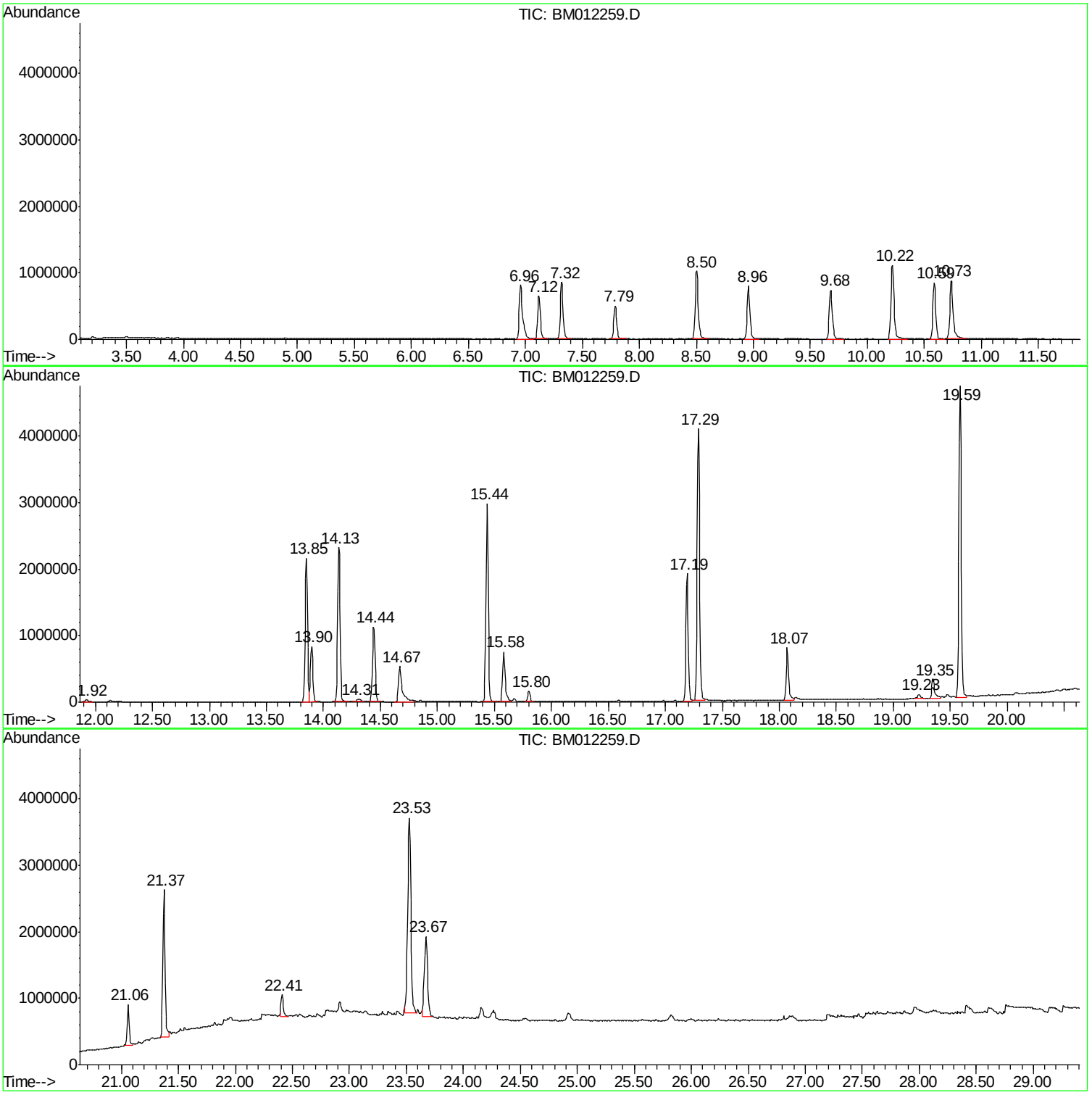
Instrument :
BNA_M
ClientSampleId :
C0B53

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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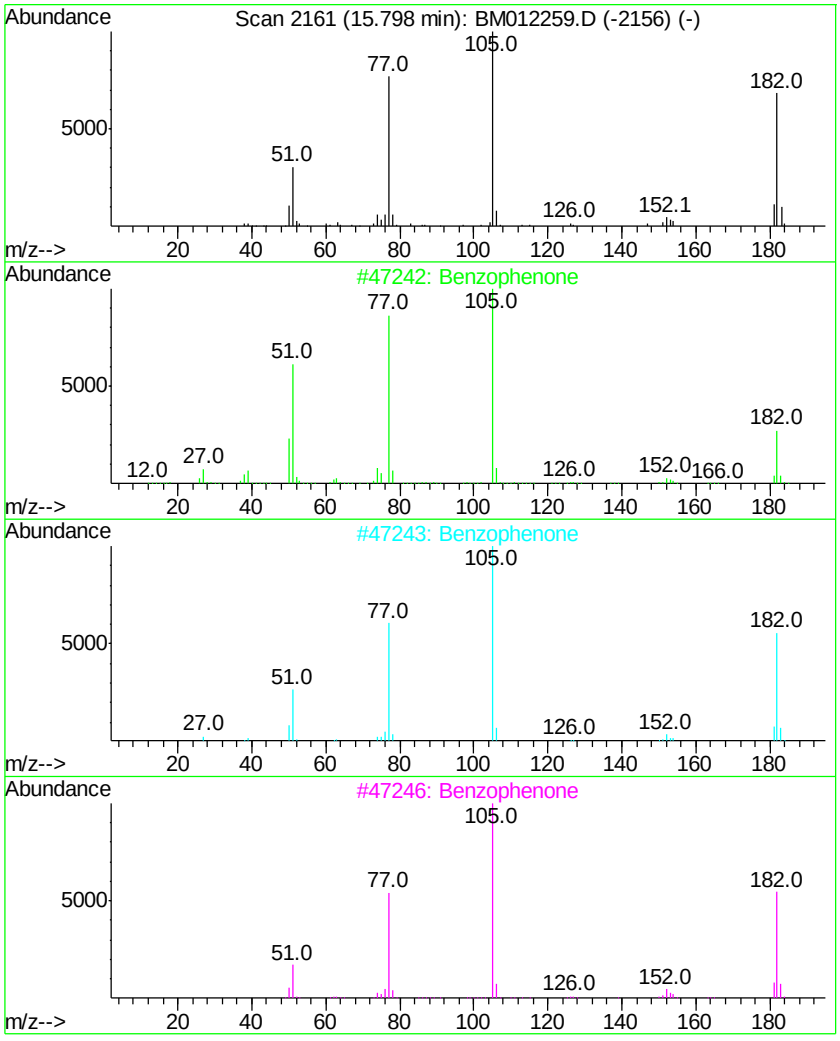
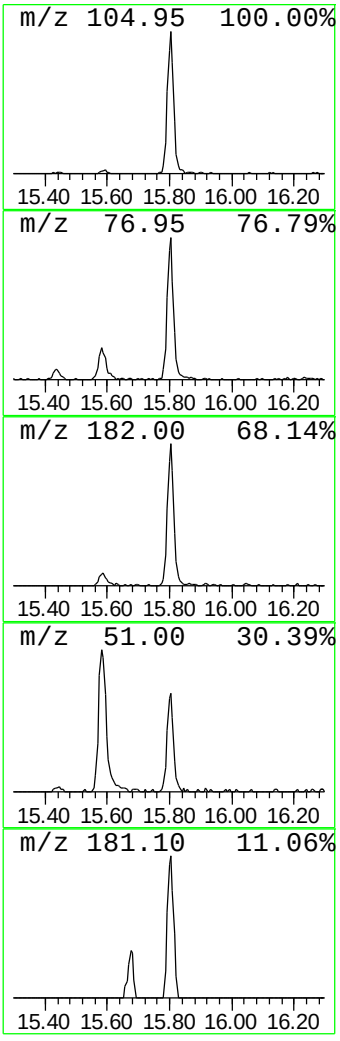
Peak Number 1 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.47 ng/ul	220418	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	87





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TIC Integration Parameters: LSCINT.P

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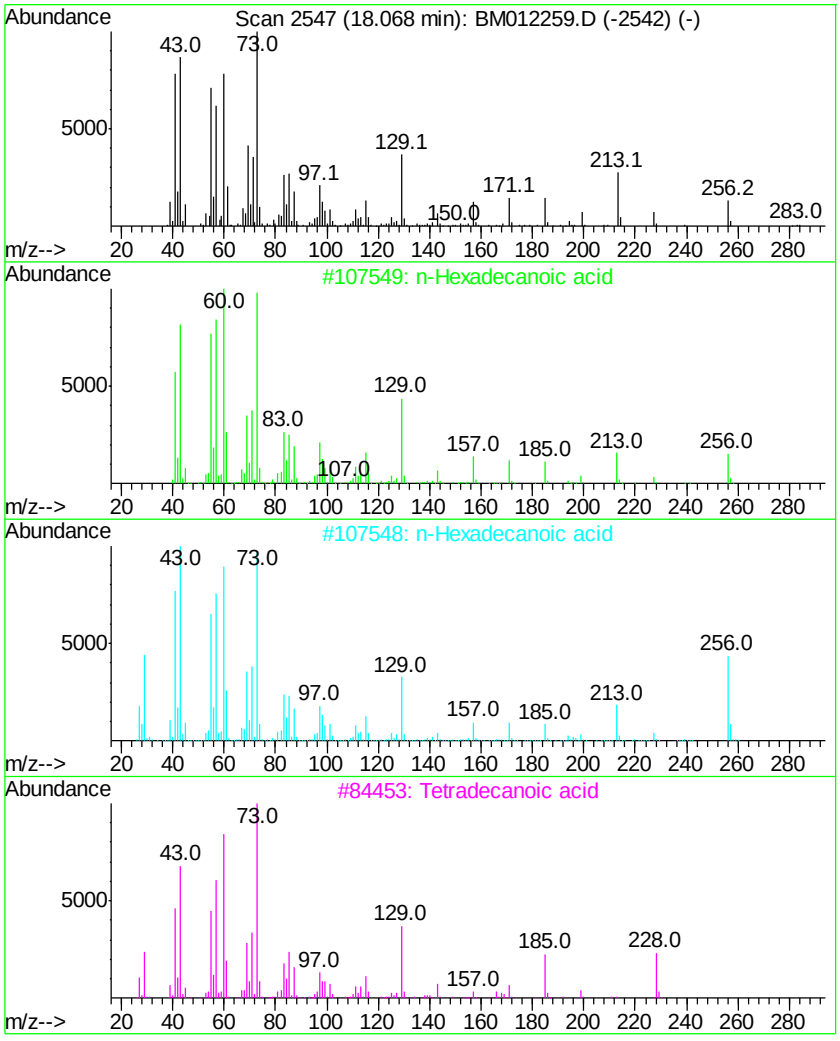
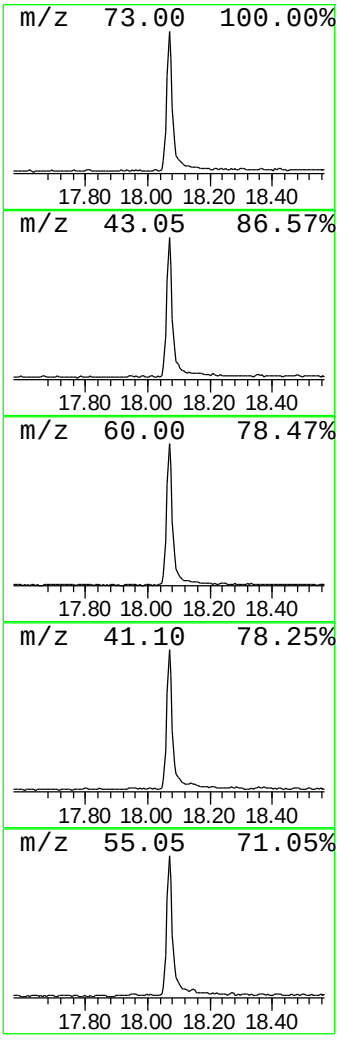
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	8.26 ng/ul	1131190	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	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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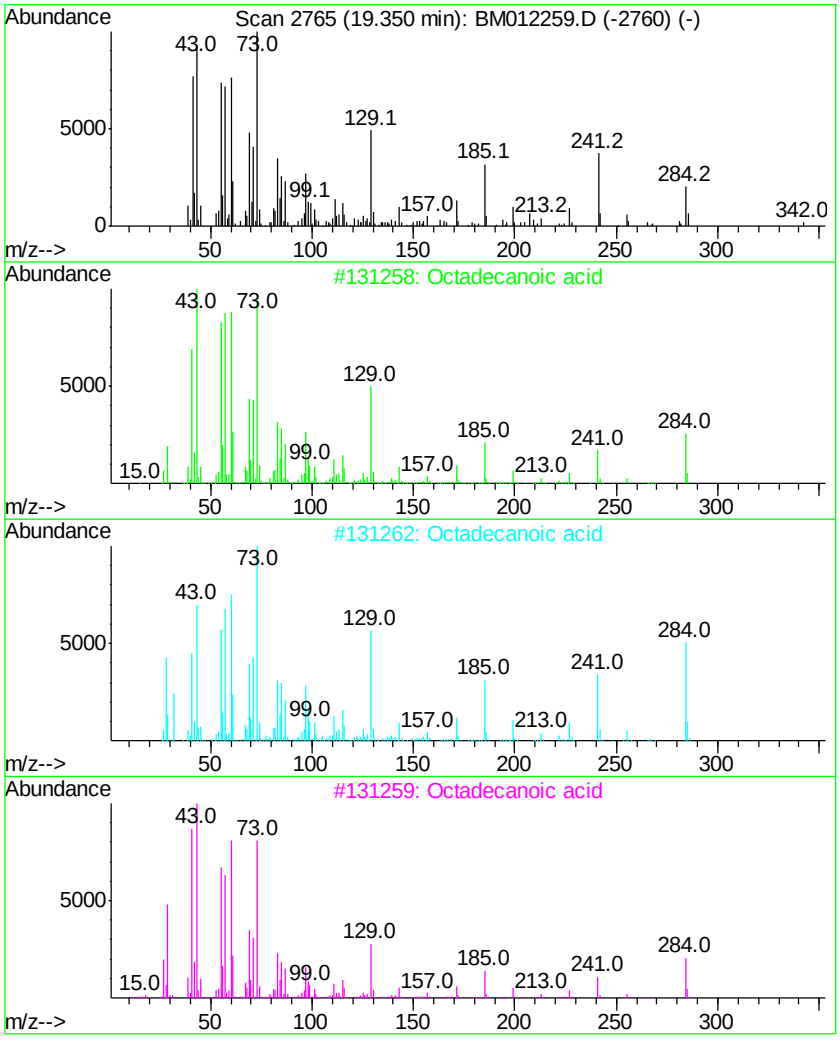
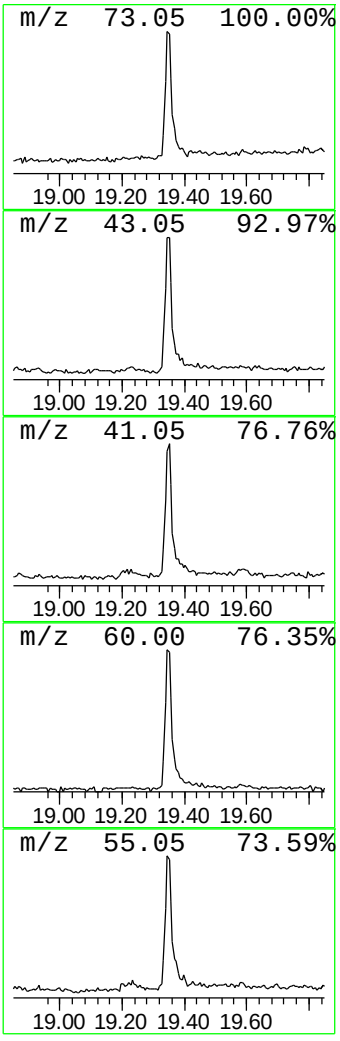
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.27 ng/ul	498098	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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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Instrument : BNA_M
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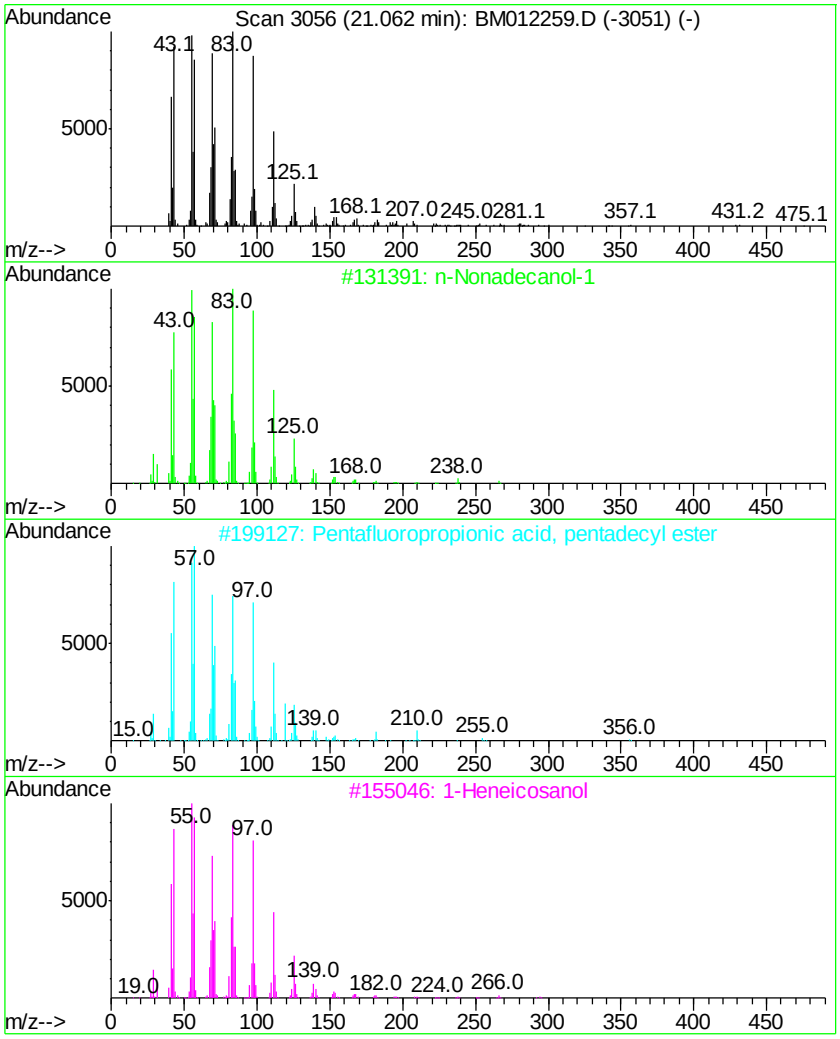
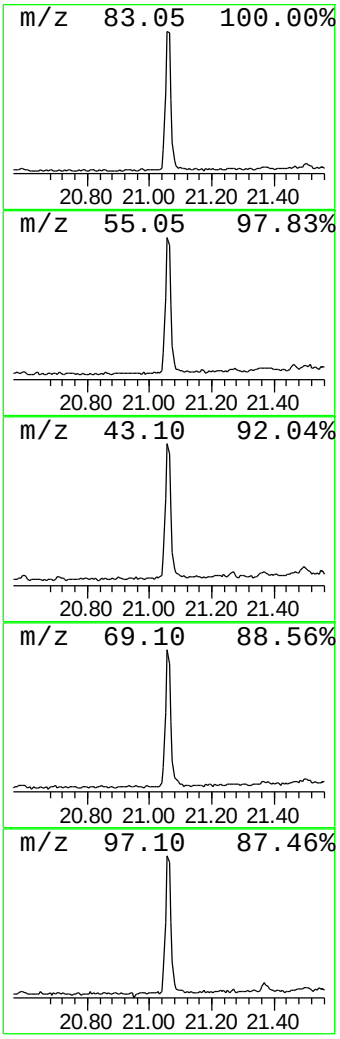
Peak Number 4 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.07 ng/ul	772071	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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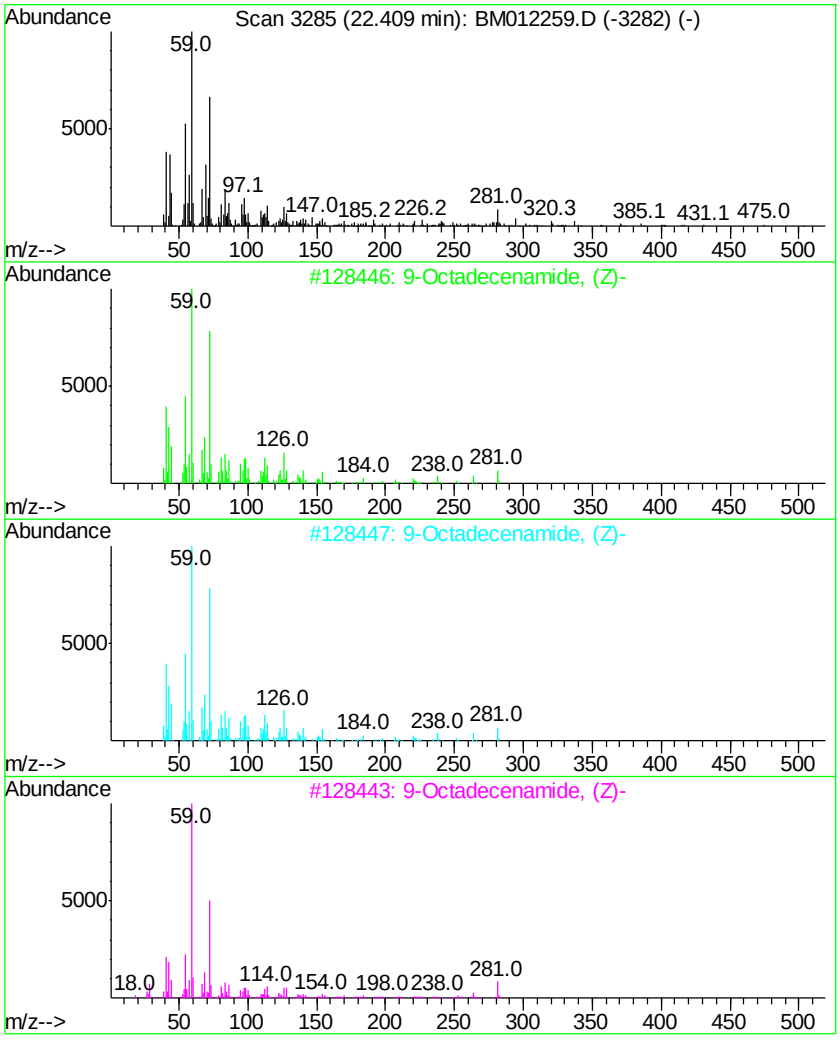
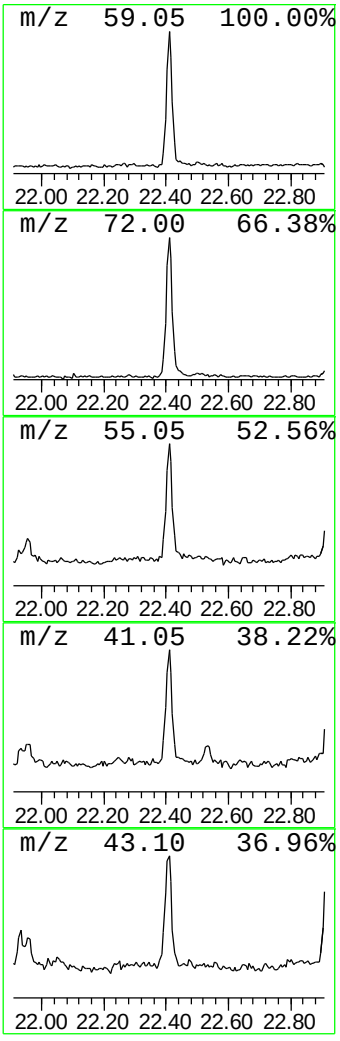
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.99 ng/ul	454773	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.80	2.5	ng/ul	220418	3	14.44	1785650	20.0
n-Hexadecanoic acid	18.07	8.3	ng/ul	1131190	4	17.19	2740060	20.0
Octadecanoic acid	19.35	3.3	ng/ul	498098	5	21.37	3043130	20.0
n-Nonadecanol-1	21.06	5.1	ng/ul	772071	5	21.37	3043130	20.0
9-Octadecenamide,...	22.41	3.0	ng/ul	454773	5	21.37	3043130	20.0