LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012243.D
Acq On : 17 Oct 2017 07:44
Operator : SJ/JU
Sample : I5697-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA8

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	3.740	107	111	116	rVB	27733	41729	1.18%	0.095%
2	6.969	653	660	677	rBV2	635220	1406500	39.63%	3.208%
3	7.128	681	687	699	rVB	423945	692980	19.53%	1.581%
4	7.328	714	721	734	rBV	518089	886770	24.99%	2.023%
5	7.793	794	800	815	rBV	617112	1067158	30.07%	2.434%
6	8.510	916	922	936	rBV	554346	1031081	29.05%	2.352%
7	8.963	992	999	1015	rBV	497127	894750	25.21%	2.041%
8	9.686	1116	1122	1137	rBV	459633	837690	23.60%	1.911%
9	10.228	1207	1214	1231	rBV	701805	1364443	38.45%	3.112%
10	10.598	1269	1277	1291	rBV	883680	1541246	43.43%	3.515%
11	10.745	1295	1302	1317	rBV	490124	1026098	28.91%	2.340%
12	11.928	1495	1503	1509	rBV	32079	67563	1.90%	0.154%
13	13.857	1825	1831	1835	rBV	1672772	2278237	64.20%	5.196%
14	13.904	1835	1839	1851	rVB	414998	611380	17.23%	1.394%
15	14.145	1873	1880	1893	rVB	1767152	2679389	75.50%	6.111%
16	14.451	1926	1932	1943	rVB2	1418605	2157595	60.80%	4.921%
17	14.686	1966	1972	1994	rBV2	230443	618960	17.44%	1.412%
18	14.863	1997	2002	2004	rBV4	28921	44219	1.25%	0.101%
19	15.198	2054	2059	2063	rBV	27036	37485	1.06%	0.085%
20	15.445	2094	2101	2113	rBV	2388221	3415701	96.25%	7.791%
21	15.592	2121	2126	2136	rBV	199952	337598	9.51%	0.770%
22	15.680	2137	2141	2146	rVB3	26607	41279	1.16%	0.094%
23	15.810	2157	2163	2175	rVB	182000	255606	7.20%	0.583%
24	16.592	2292	2296	2302	rBV6	23392	40677	1.15%	0.093%
25	17.198	2393	2399	2406	rBV	1795873	2520092	71.01%	5.748%
26	17.298	2409	2416	2425	rBV	2441904	3436556	96.84%	7.838%
27	18.015	2534	2538	2543	rBV3	41216	63902	1.80%	0.146%
28	18.074	2543	2548	2559	rBV	643282	944328	26.61%	2.154%
29	19.209	2737	2741	2743	rBV3	105790	140552	3.96%	0.321%
30	19.356	2761	2766	2783	rBV	657458	1079246	30.41%	2.462%
31	19.592	2800	2806	2815	rBV	2529534	3548869	100.00%	8.094%
32	21.068	3053	3057	3062	rBV	331938	426897	12.03%	0.974%
33	21.380	3105	3110	3118	rBV	1771700	2333995	65.77%	5.323%
34	22.415	3283	3286	3293	rVB	605702	808367	22.78%	1.844%

LSC Area Percent Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA8

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

35	23.539	3471	3477	3486	rVB2	1540775	3011951	84.87%	6.870%
36	23.686	3496	3502	3510	rVB	1116822	2153515	60.68%	4.912%

Sum of corrected areas: 43844404

LSC Report - Integrated Chromatogram

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Data File : BM012243.D
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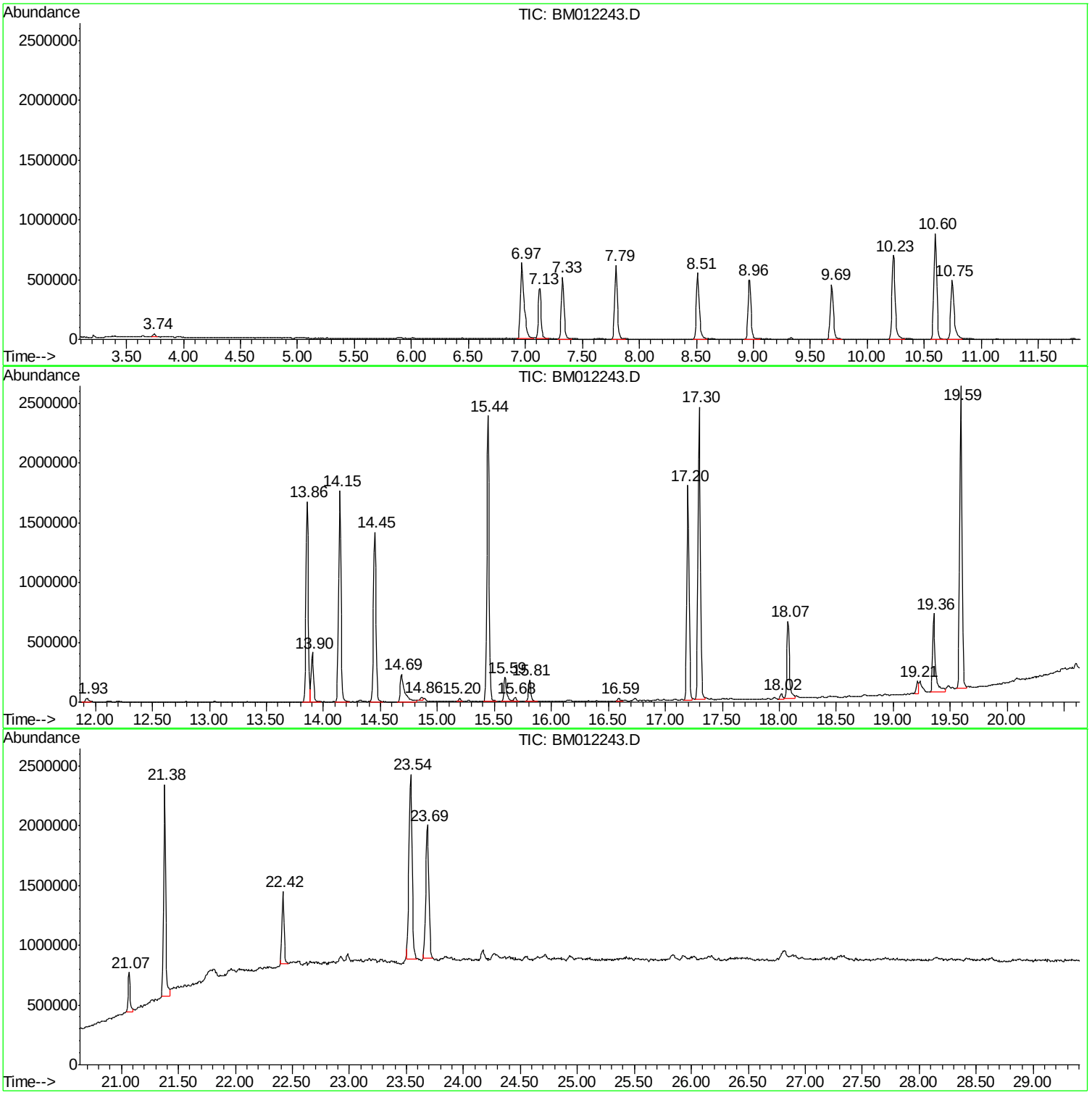
Operator : SJ/JU
Sample : I5697-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA8

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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Data File : BM012243.D
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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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.37 ng/ul	255606	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
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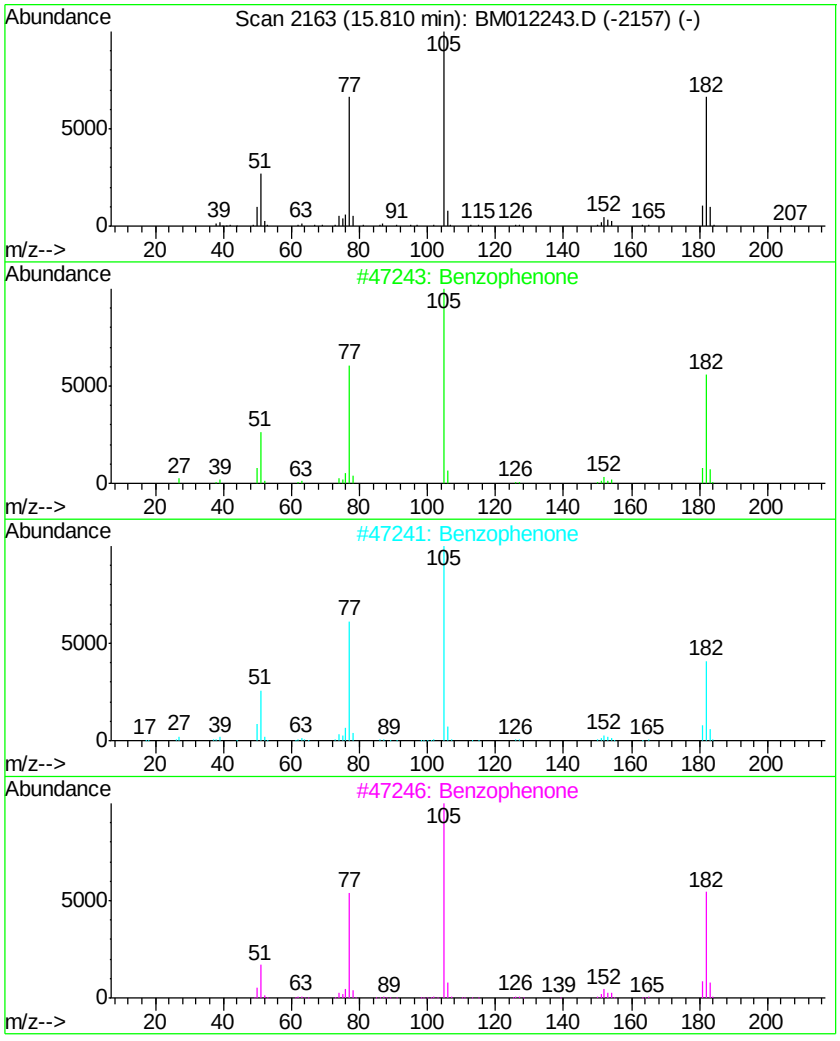
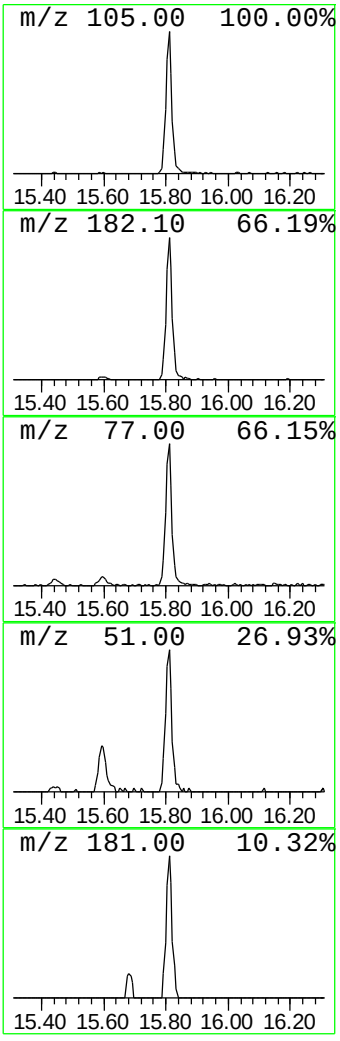
5	Benzilamide	227	C14H13NO2	004746-87-6	50





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : H0AA8

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Quant Title : SVOA CALIBRATION

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

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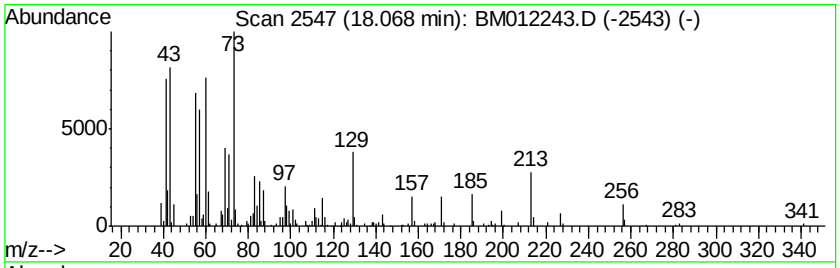
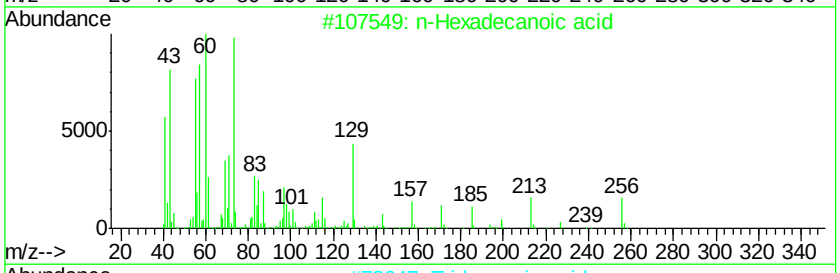
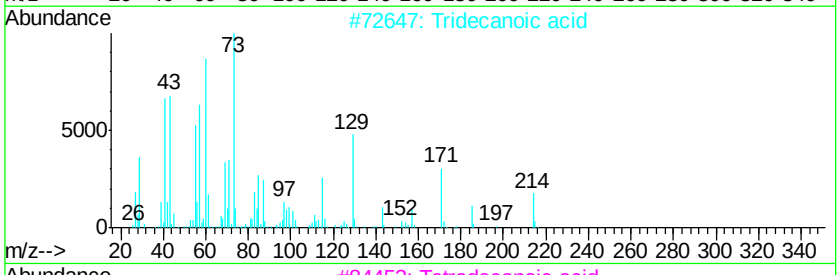
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

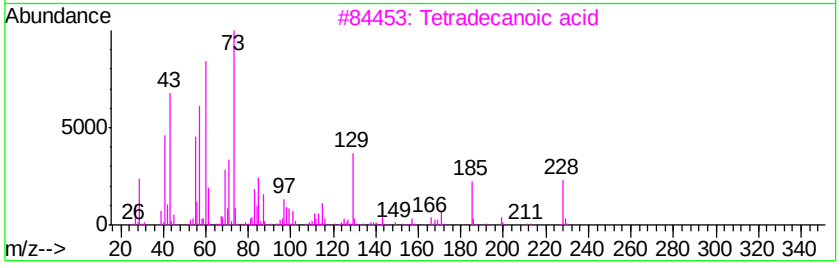
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.49 ng/ul	944328	Phenanthrene-d10	17.20

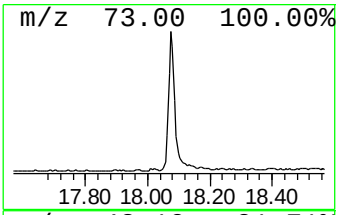
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91

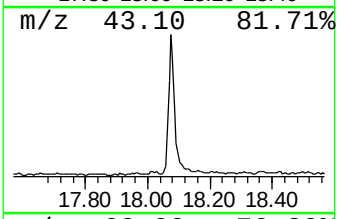


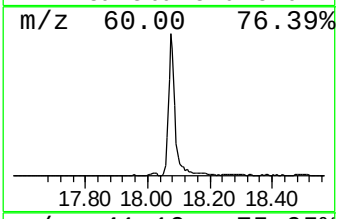


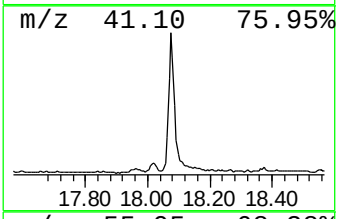


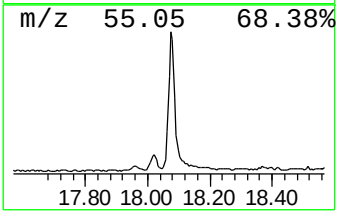












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Quant Title : SVOA CALIBRATION

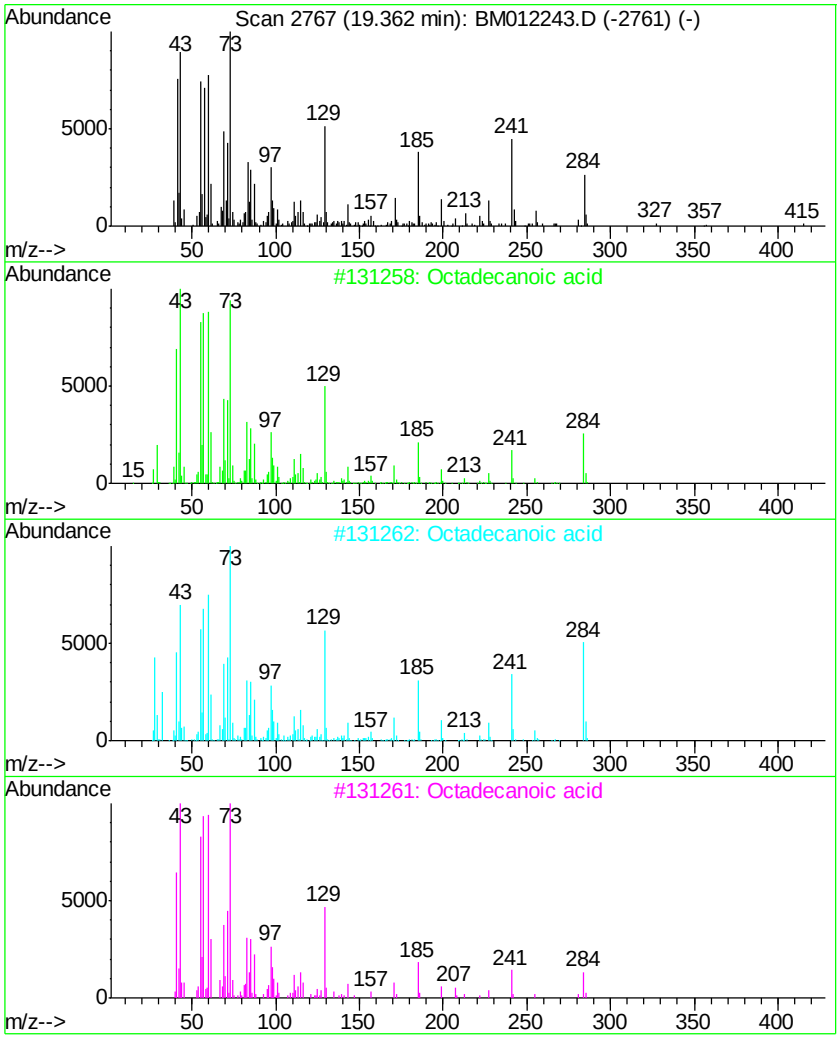
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

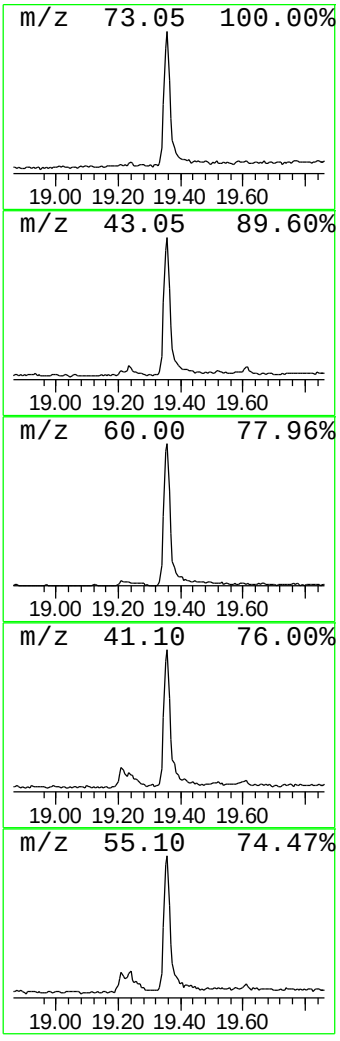
****

Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	9.25 ng/ul	1079250	Chrysene-d12	21.38

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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	89





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Instrument : BNA_M
ClientSampleId : H0AA8

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Quant Title : SVOA CALIBRATION

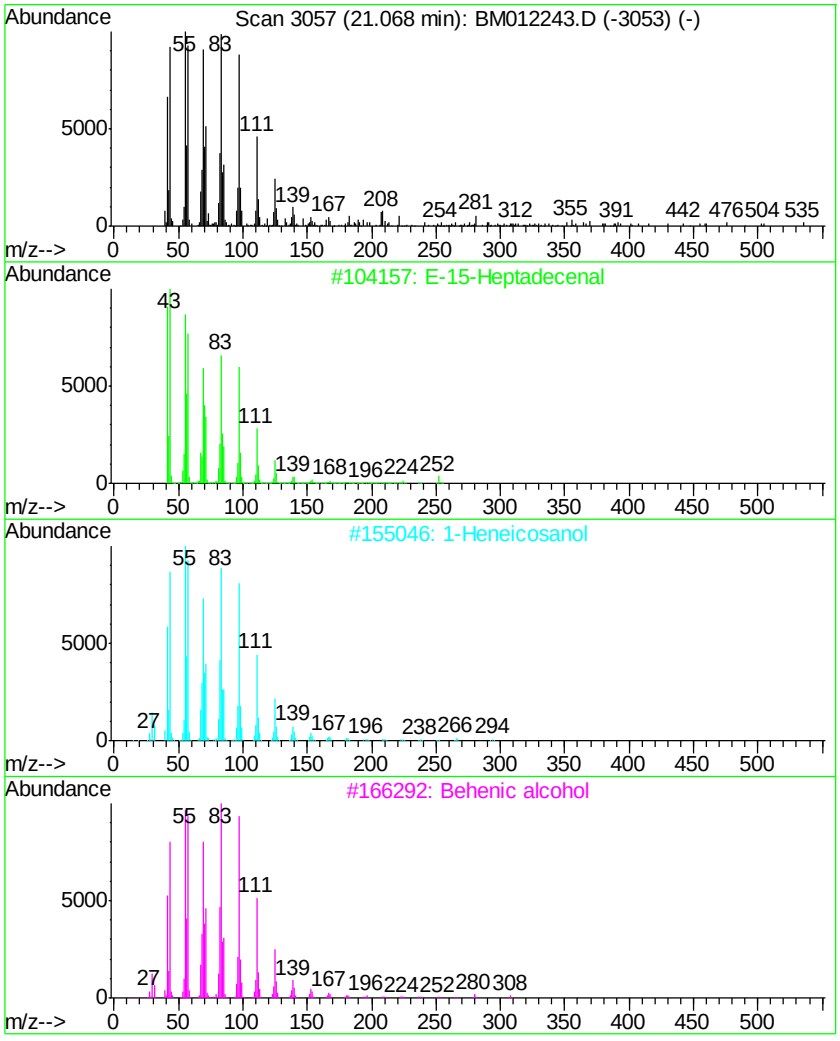
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

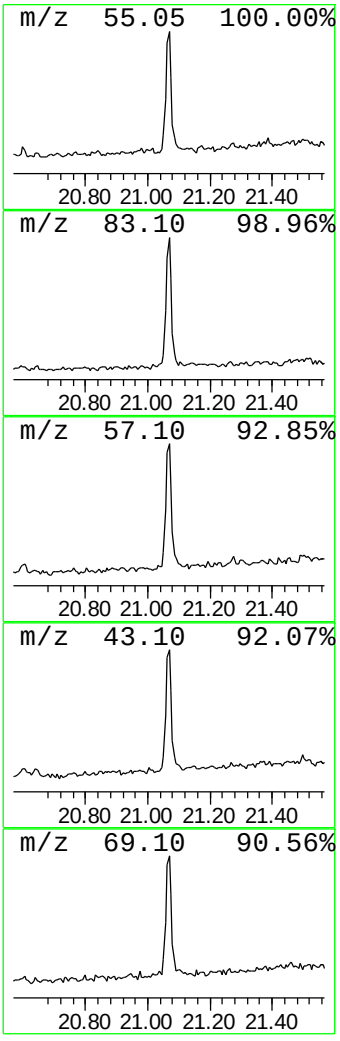
****

Peak Number 4 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.66 ng/ul	426897	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	Cycloeicosane	280	C20H40	000296-56-0	95
5	1-Tricosene	322	C23H46	018835-32-0	95





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

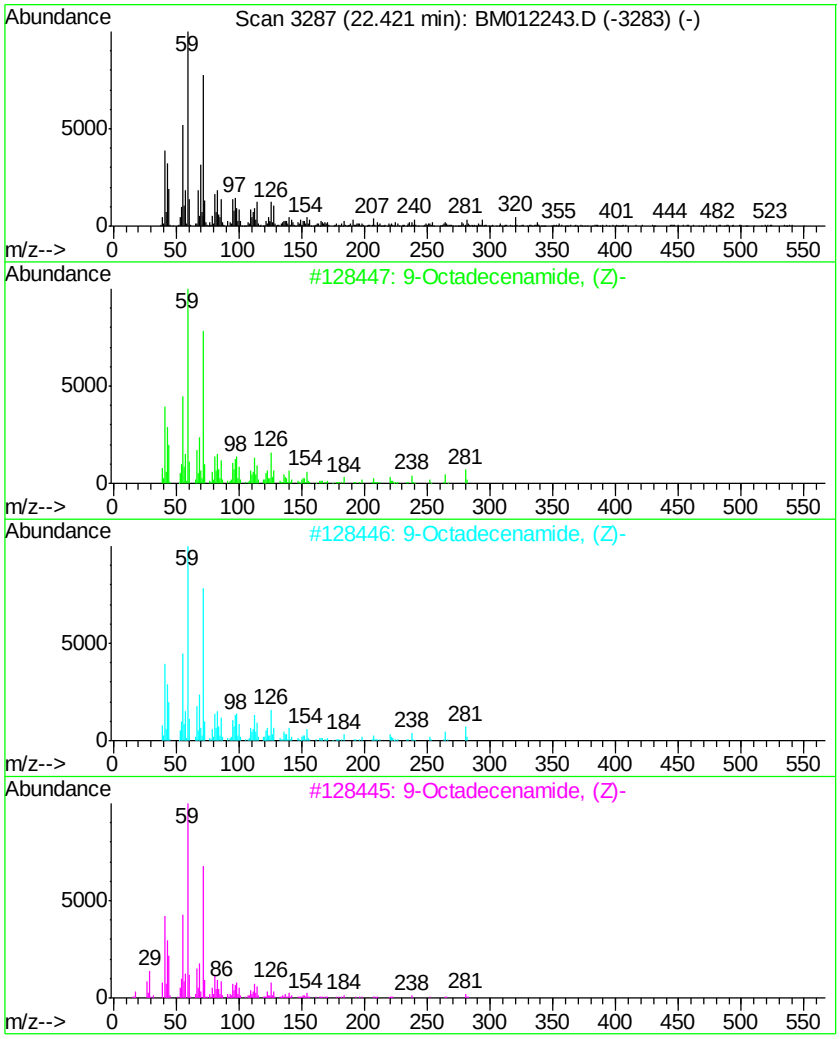
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

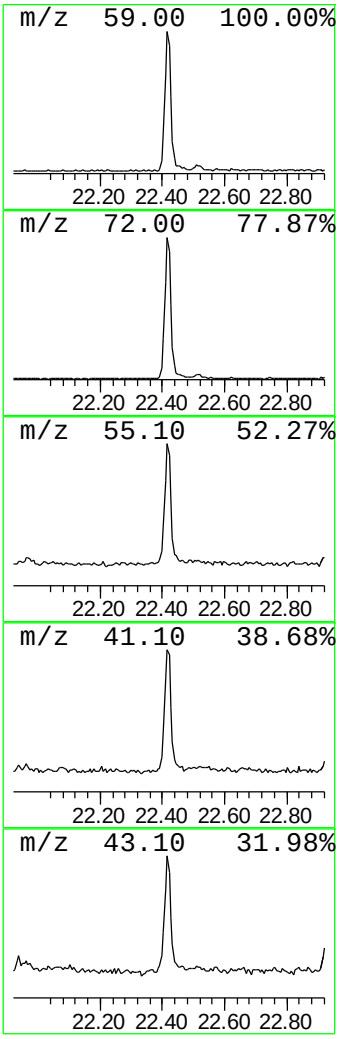
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	6.93 ng/ul	808367	Chrysene-d12	21.38

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	93
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80





Tentatively Identified Compound (LSC) summary

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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	15.81	2.4	ng/ul	255606	3	14.45	2157600	20.0
n-Hexadecanoic acid	18.07	7.5	ng/ul	944328	4	17.20	2520090	20.0
Octadecanoic acid	19.36	9.3	ng/ul	1079250	5	21.38	2334000	20.0
E-15-Heptadecenal	21.07	3.7	ng/ul	426897	5	21.38	2334000	20.0
9-Octadecenamide,...	22.42	6.9	ng/ul	808367	5	21.38	2334000	20.0