LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015704.D
Acq On : 18 Jun 2018 22:27
Operator : SJ/JU
Sample : J3527-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ2

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	7.475	707	712	726	rBV2	73792	155848	3.42%	0.496%
2	7.640	734	740	752	rBV	262620	418328	9.19%	1.333%
3	7.851	770	776	789	rBV	300048	509801	11.20%	1.624%
4	8.328	850	857	866	rBV	359343	615228	13.52%	1.960%
5	9.039	972	978	994	rVB2	211261	367395	8.07%	1.170%
6	9.510	1051	1058	1073	rBV	346889	605227	13.30%	1.928%
7	10.234	1175	1181	1193	rBV	299939	515108	11.32%	1.641%
8	10.775	1267	1273	1286	rBV	412030	728346	16.01%	2.320%
9	11.157	1331	1338	1346	rBV	500893	874200	19.21%	2.785%
10	12.451	1553	1558	1567	rBV	41701	66787	1.47%	0.213%
11	14.339	1873	1879	1884	rBV	847944	1182816	25.99%	3.768%
12	14.386	1884	1887	1894	rVB	232436	310265	6.82%	0.988%
13	14.639	1924	1930	1939	rBV	886358	1326490	29.15%	4.226%
14	14.945	1972	1982	1992	rVB2	764990	1176835	25.86%	3.749%
15	15.157	2014	2018	2029	rBV3	35529	80208	1.76%	0.256%
16	15.927	2141	2149	2158	rBV	1217958	1722618	37.85%	5.487%
17	16.057	2165	2171	2180	rBV	362724	519516	11.42%	1.655%
18	16.280	2203	2209	2216	rBV	222752	305486	6.71%	0.973%
19	17.668	2439	2445	2451	rBV	1048284	1451389	31.89%	4.623%
20	17.768	2456	2462	2471	rBV	1295933	1902802	41.81%	6.061%
21	18.504	2578	2587	2598	rBV	231541	329976	7.25%	1.051%
22	19.751	2795	2799	2810	rBV	168949	249224	5.48%	0.794%
23	20.021	2839	2845	2853	rBV	1734186	2279417	50.09%	7.261%
24	21.433	3082	3085	3090	rBV	105157	139998	3.08%	0.446%
25	21.774	3138	3143	3151	rBV	1489197	1914265	42.07%	6.098%
26	22.250	3221	3224	3228	rBV	108921	125678	2.76%	0.400%
27	22.303	3229	3233	3240	rVV	375888	504491	11.09%	1.607%
28	22.421	3248	3253	3264	rVB	3654588	4550684	100.00%	14.496%
29	22.544	3269	3274	3287	rVV	1342381	1800345	39.56%	5.735%
30	24.033	3520	3527	3540	rVB	1384039	2651431	58.26%	8.446%
31	24.186	3546	3553	3561	rVB	1014232	2011629	44.20%	6.408%

Sum of corrected areas: 31391831

LSC Report - Integrated Chromatogram

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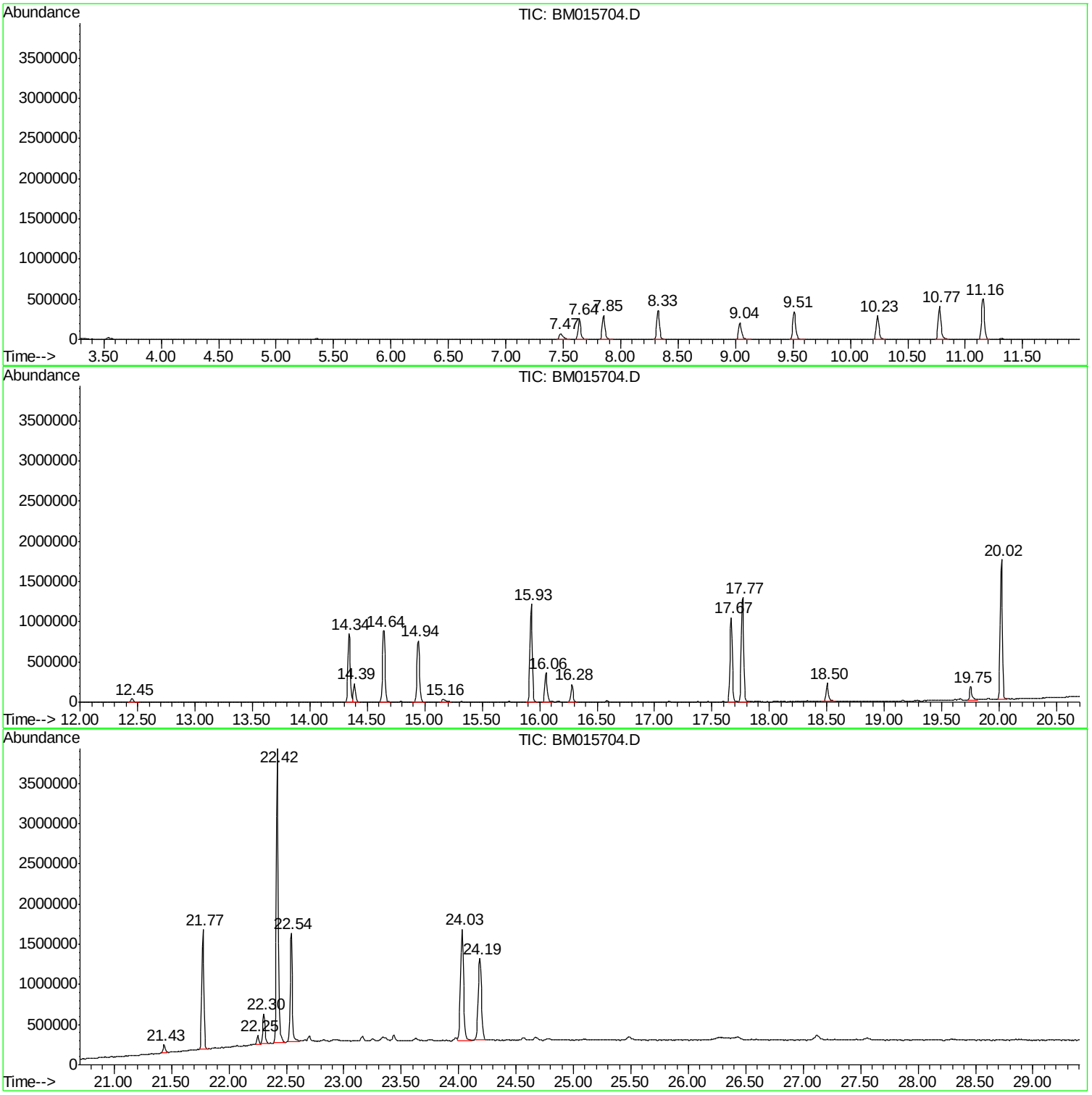
Sample : J3527-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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

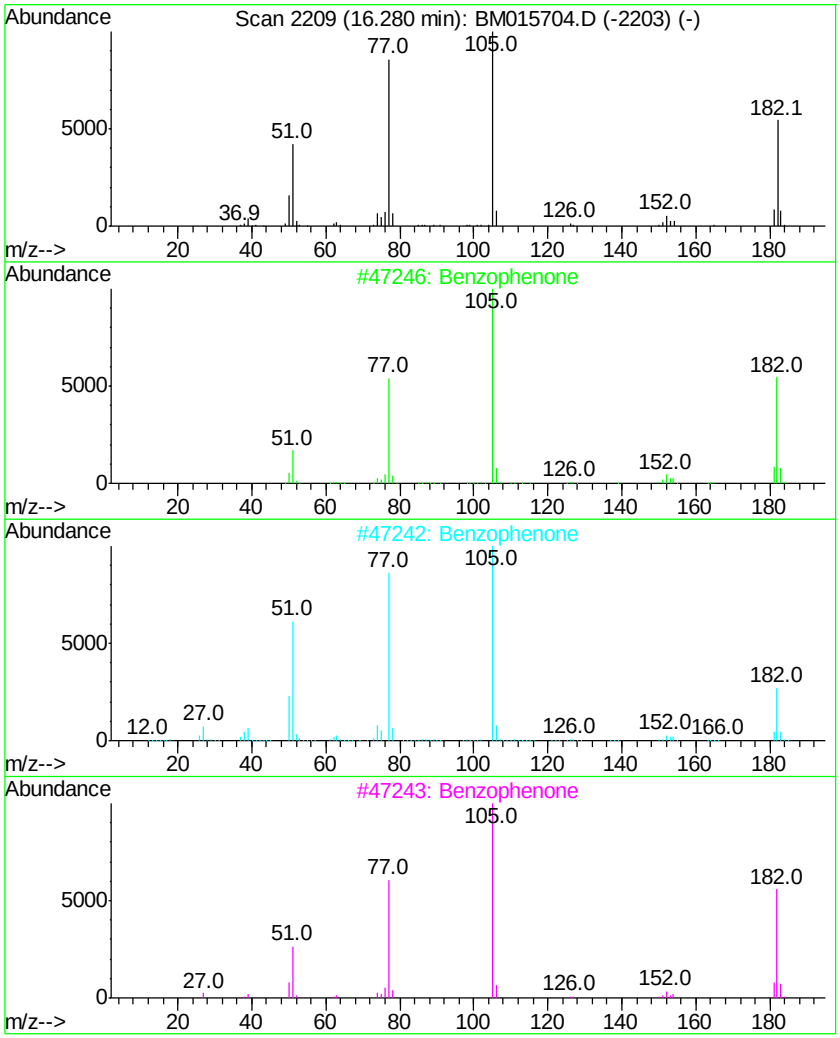
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

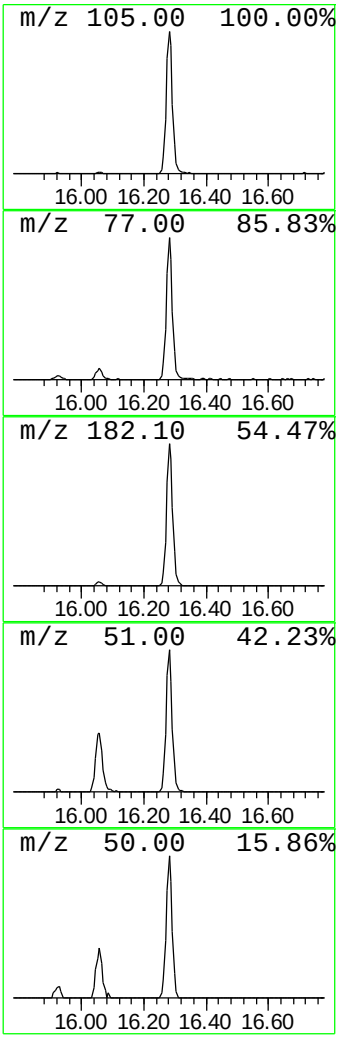
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	5.19 ng/ul	305486	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





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Misc :
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Instrument : BNA_M
ClientSampleId : DAXQ2

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Quant Title : SVOA CALIBRATION

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

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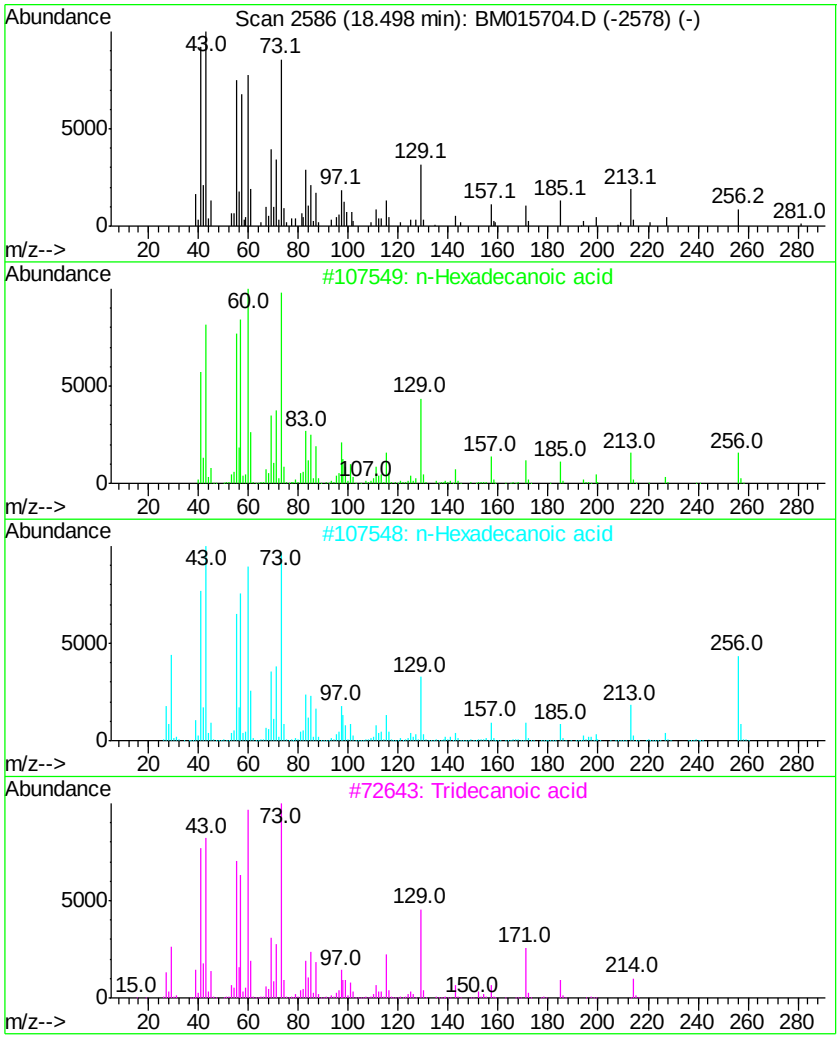
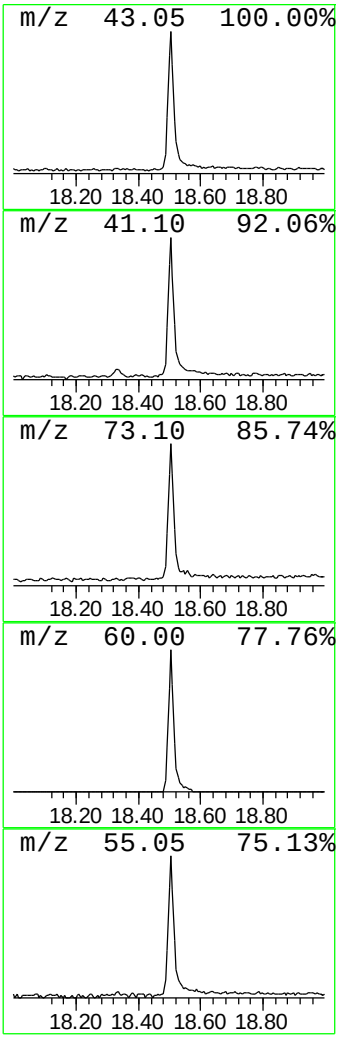
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.55 ng/ul	329976	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Library Search Compound Report

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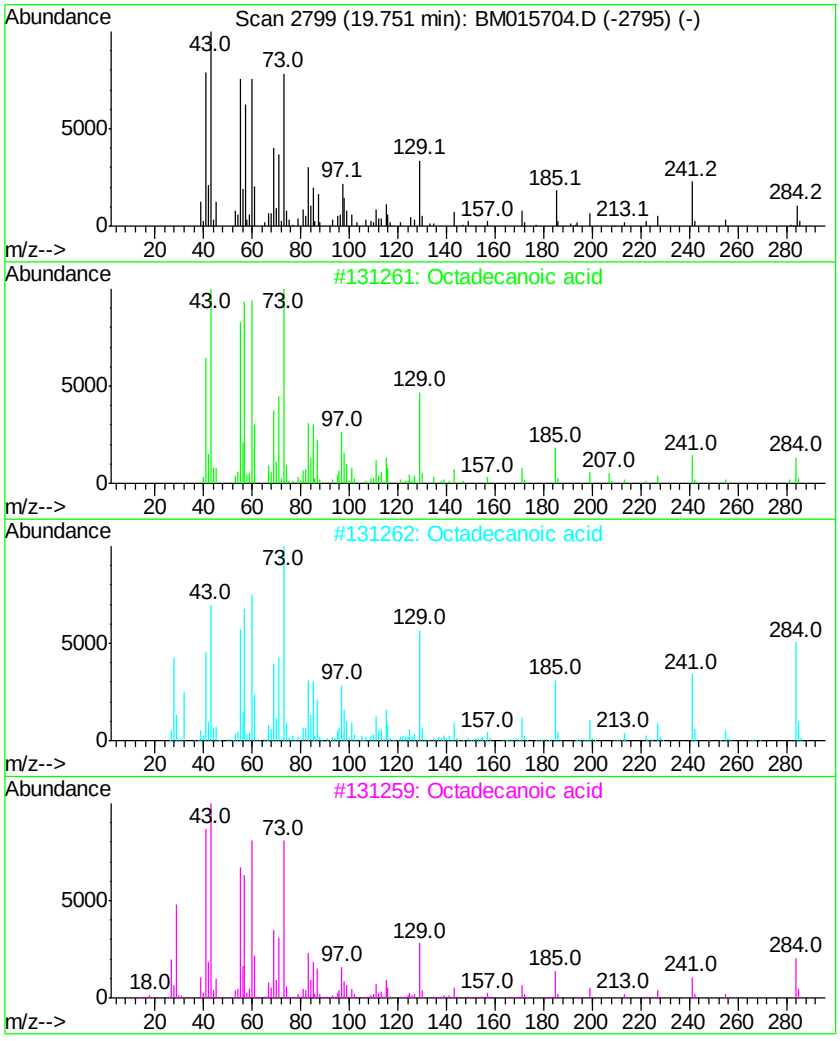
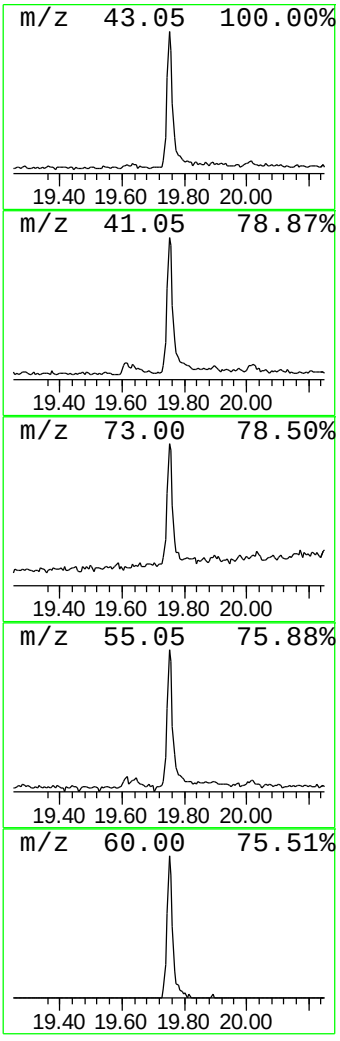
Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.60 ng/ul	249224	Chrysene-d12	21.77

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	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





Library Search Compound Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

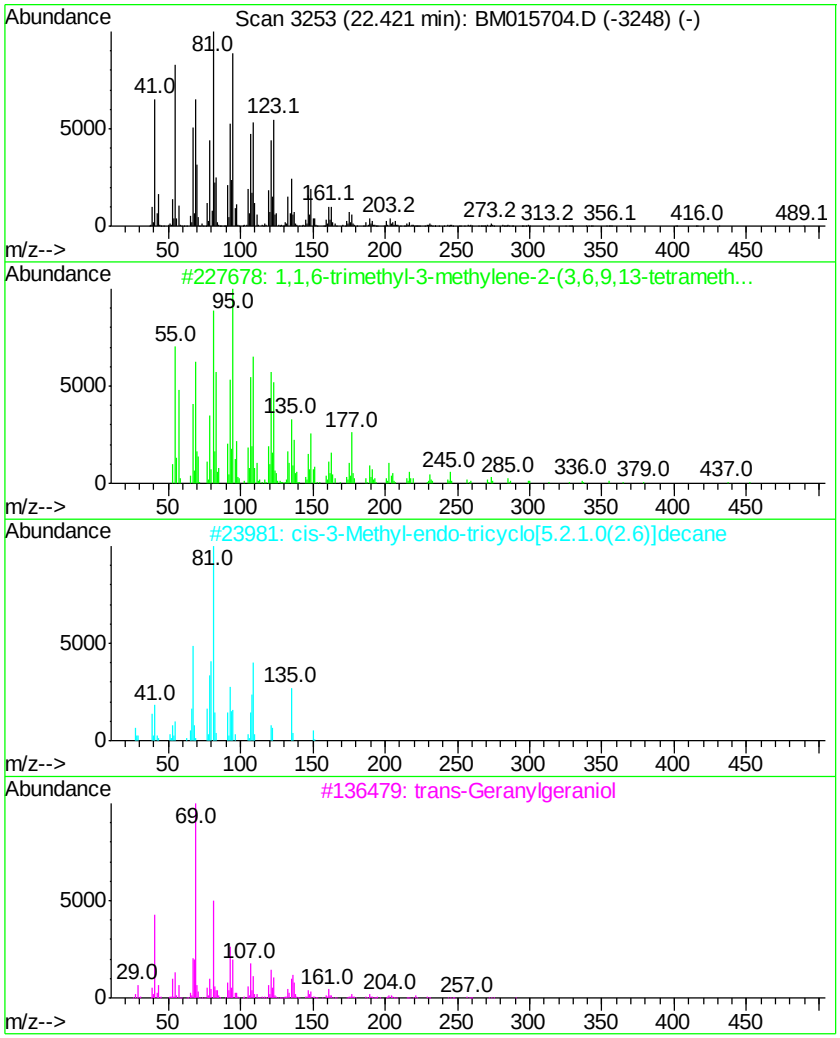
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

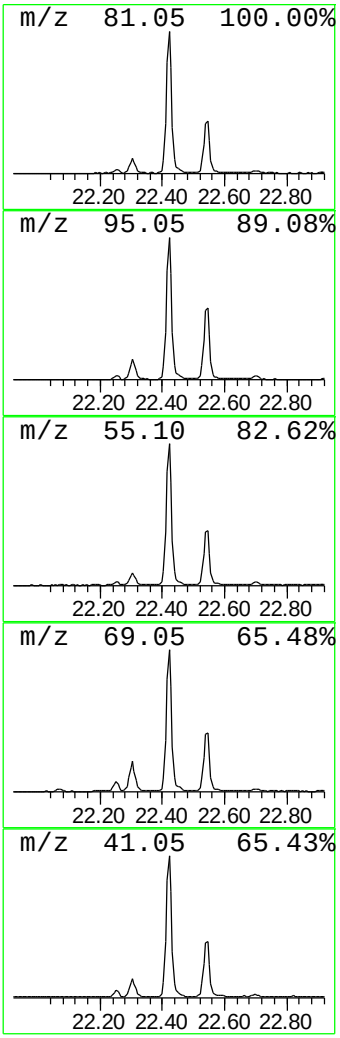
****

Peak Number 5 1,1,6-trimethyl-3-methylene... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	47.55 ng/ul	4550680	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	64
2	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	43
3	trans-Geranylgeraniol	290	C20H34O	024034-73-9	35
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25
5	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	25





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

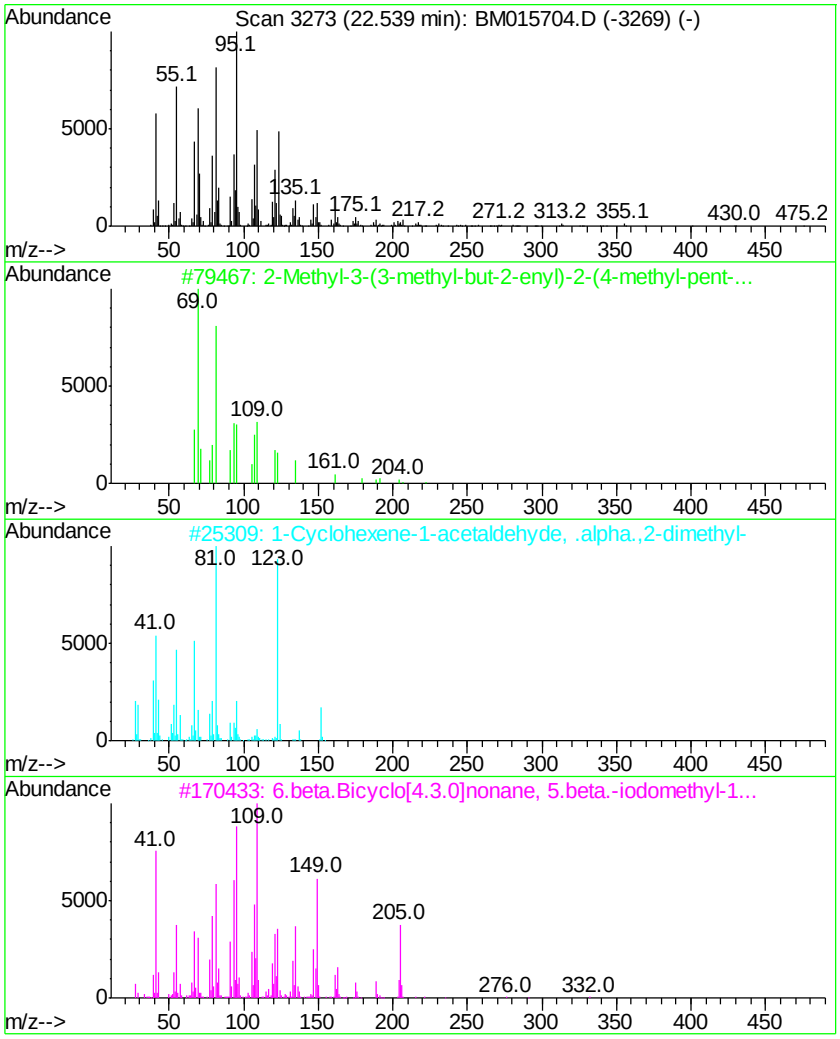
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

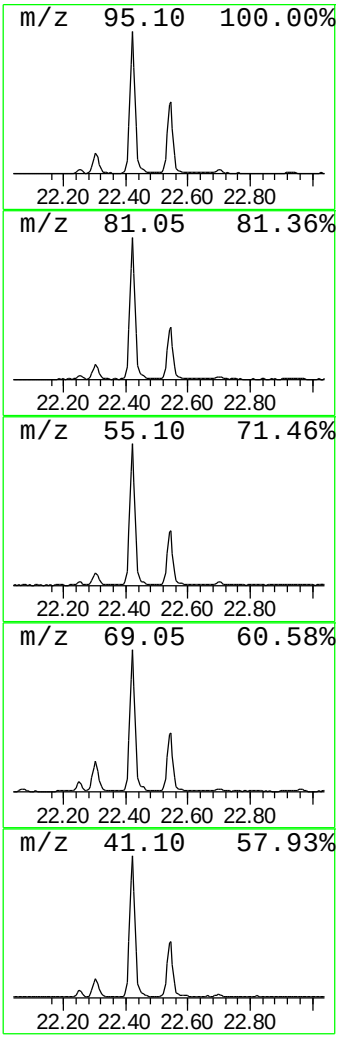
****

Peak Number 6 2-Methyl-3-(3-methyl-but-2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	18.81 ng/ul	1800350	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	50
2	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	35
3	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	35
4	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	27
5	1,4-Cyclohexanedimethanol	144	C8H16O2	000105-08-8	27





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	16.28	5.2	ng/ul	305486	3	14.95	1176840	20.0
n-Hexadecanoic acid	18.50	4.5	ng/ul	329976	4	17.67	1451390	20.0
Octadecanoic acid	19.75	2.6	ng/ul	249224	5	21.77	1914270	20.0
1,1,6-trimethyl-3...	22.42	47.5	ng/ul	4550680	5	21.77	1914270	20.0
2-Methyl-3-(3-met...	22.54	18.8	ng/ul	1800350	5	21.77	1914270	20.0