LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013692.D
Acq On : 22 Jan 2018 14:02
Operator : SJ/JU
Sample : J1221-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A67

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-BM011018.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	3.163	26	30	35	rVB	36810	45374	1.11%	0.114%
2	6.793	640	647	660	rBV2	623456	1109270	27.03%	2.781%
3	6.957	668	675	685	rBV	474781	723993	17.64%	1.815%
4	7.145	701	707	716	rBV	667258	1039232	25.32%	2.605%
5	7.610	780	786	795	rBV	467808	757697	18.46%	1.899%
6	8.322	899	907	921	rBV2	786530	1295598	31.57%	3.248%
7	8.769	975	983	997	rBV	648392	1085626	26.46%	2.721%
8	9.481	1096	1104	1113	rBV	550829	943983	23.00%	2.366%
9	10.016	1188	1195	1213	rBV	791640	1378054	33.58%	3.455%
10	10.386	1251	1258	1268	rVB	619313	1006619	24.53%	2.523%
11	10.533	1276	1283	1298	rBV	744718	1306123	31.83%	3.274%
12	11.722	1478	1485	1497	rBV2	80322	156877	3.82%	0.393%
13	13.680	1811	1818	1822	rBV	1497030	2042578	49.77%	5.120%
14	13.727	1822	1826	1835	rVB	385346	549690	13.40%	1.378%
15	13.951	1856	1864	1874	rBV	1663311	2441074	59.49%	6.119%
16	14.263	1911	1917	1928	rVB2	853759	1289286	31.42%	3.232%
17	14.486	1949	1955	1969	rBV	511131	900290	21.94%	2.257%
18	15.263	2080	2087	2095	rBV	2137570	2911125	70.94%	7.298%
19	15.398	2105	2110	2119	rBV	592991	884189	21.55%	2.217%
20	15.633	2144	2150	2155	rBV	746881	978664	23.85%	2.453%
21	17.015	2374	2385	2392	rBV2	1133232	1594152	38.85%	3.996%
22	17.115	2395	2402	2410	rBV	2262215	3206962	78.15%	8.039%
23	17.921	2535	2539	2546	rBV2	125211	172634	4.21%	0.433%
24	19.209	2752	2758	2762	rBV5	66345	99623	2.43%	0.250%
25	19.415	2787	2793	2802	rBV	2790614	3767226	91.80%	9.444%
26	20.933	3047	3051	3058	rVB4	106895	167195	4.07%	0.419%
27	21.215	3094	3099	3107	rBV	1536604	1956470	47.68%	4.905%
28	22.250	3273	3275	3281	rVB6	54655	50441	1.23%	0.126%
29	23.274	3442	3449	3462	rVB2	2141985	4103625	100.00%	10.287%
30	23.409	3466	3472	3482	rVB	1016609	1927468	46.97%	4.832%

Sum of corrected areas: 39891138

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Misc :
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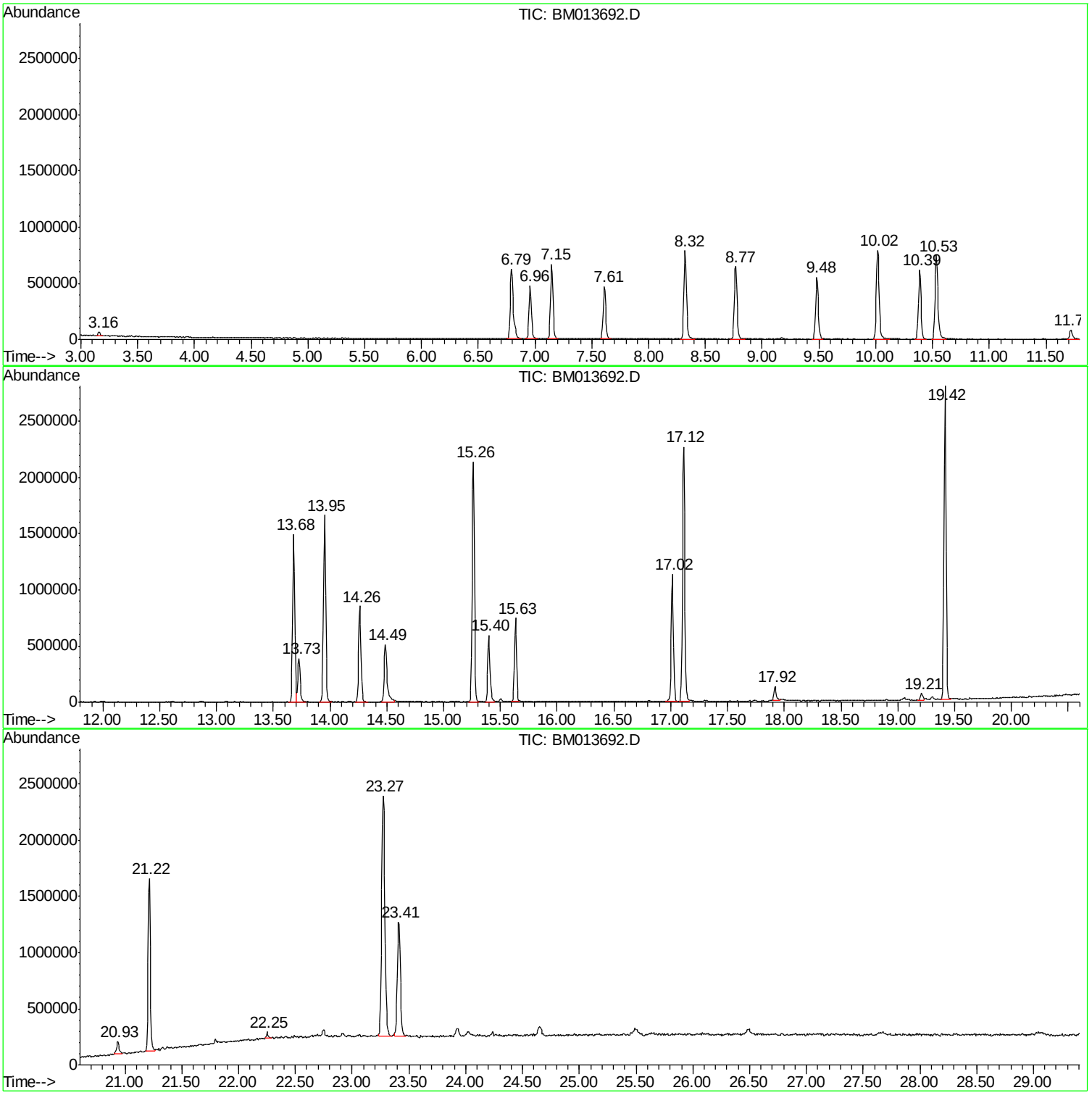
Instrument : BNA_M
ClientSampleId : F6A67

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A67

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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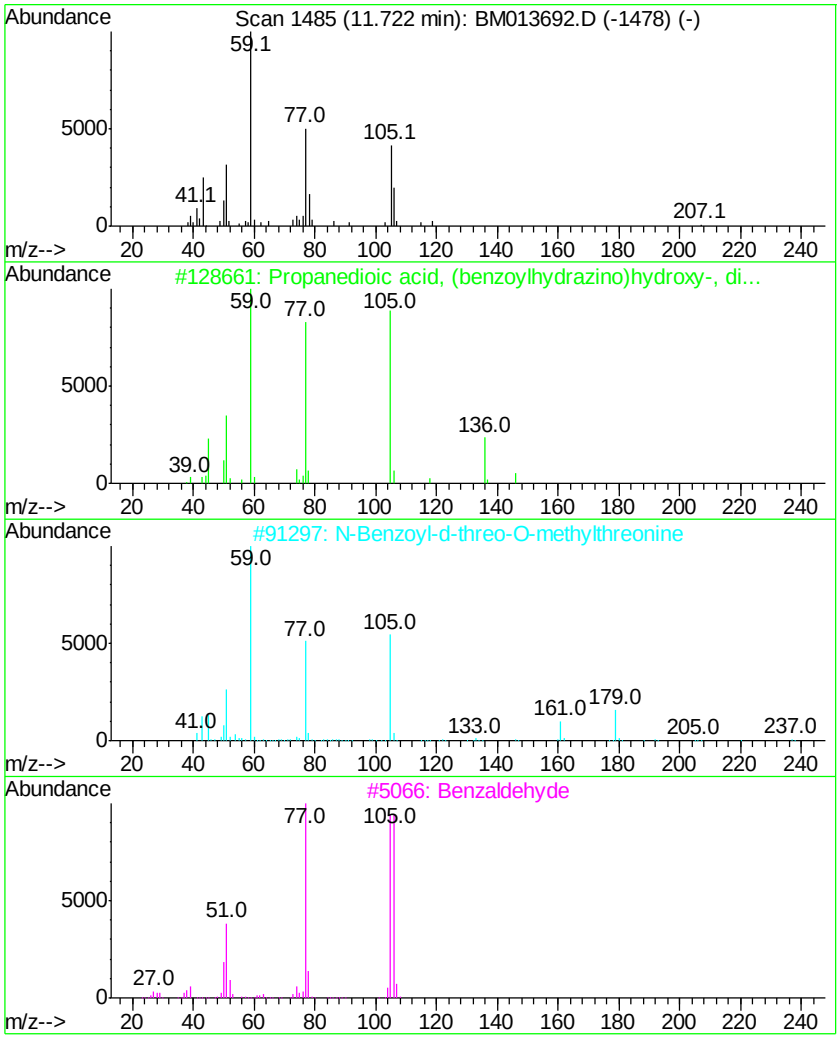
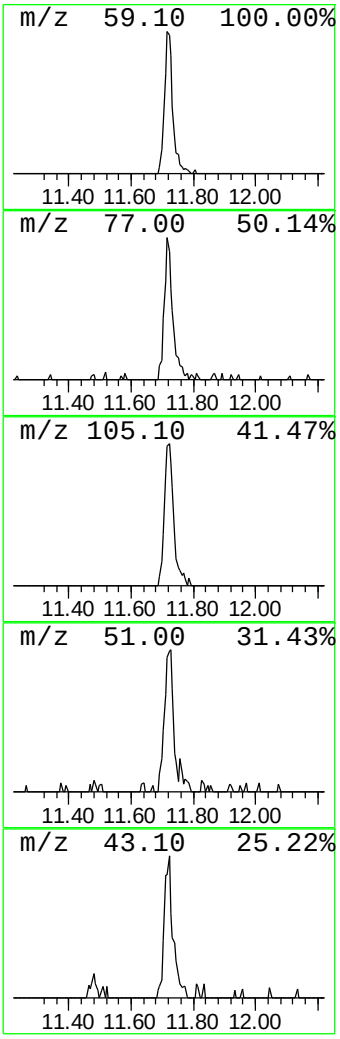
Peak Number 1 Propanedioic acid, (benzoyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.12 ng/ul	156877	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	72
2	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	50
3	Benzaldehyde	106	C7H6O	000100-52-7	47
4	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	38
5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	35





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Instrument : BNA_M
ClientSampleId : F6A67

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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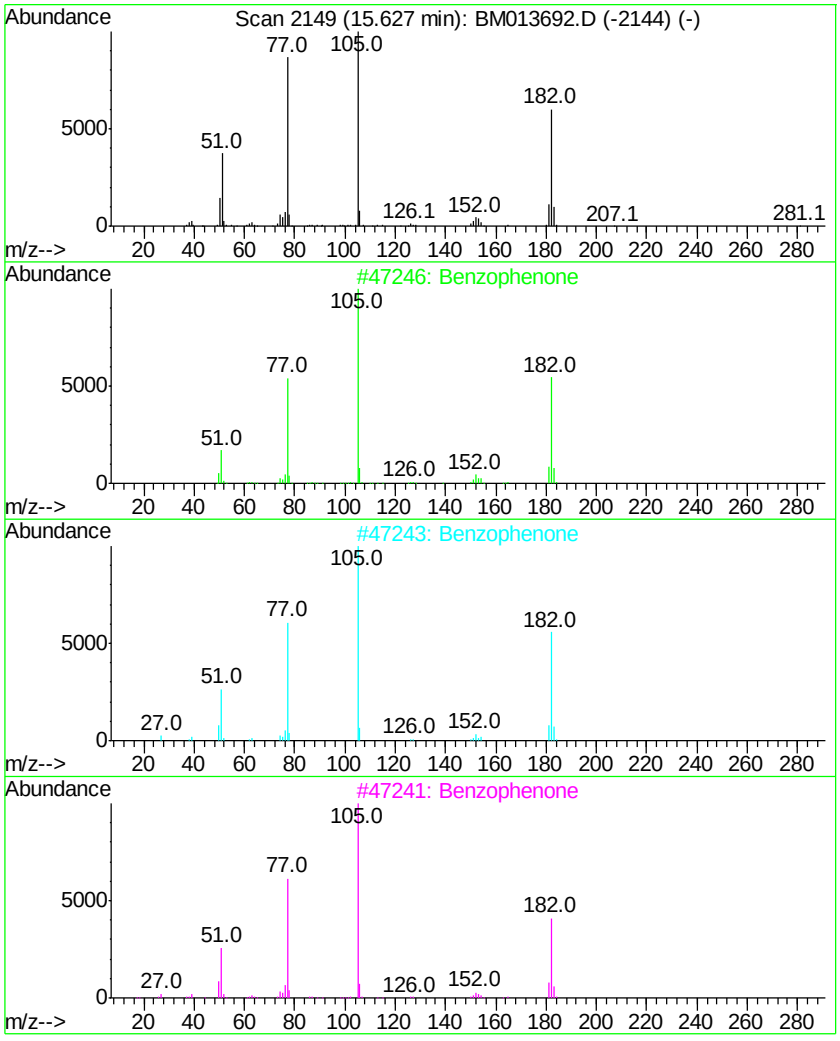
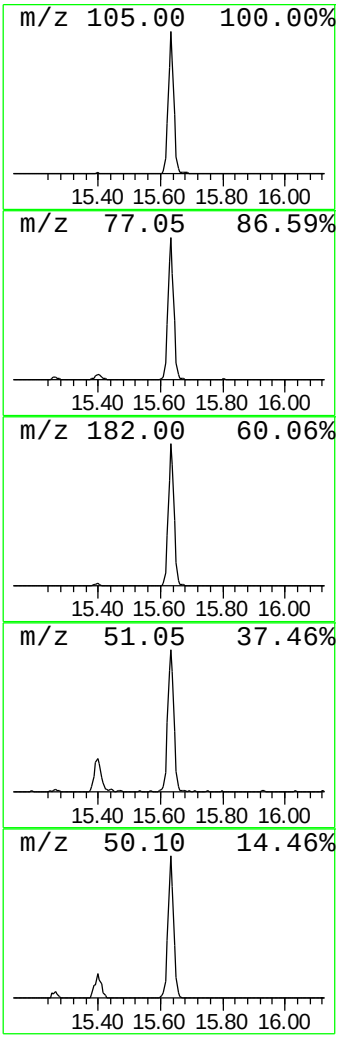
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	15.18 ng/ul	978664	Acenaphthene-d10	14.26

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument : BNA_M
ClientSampleId : F6A67

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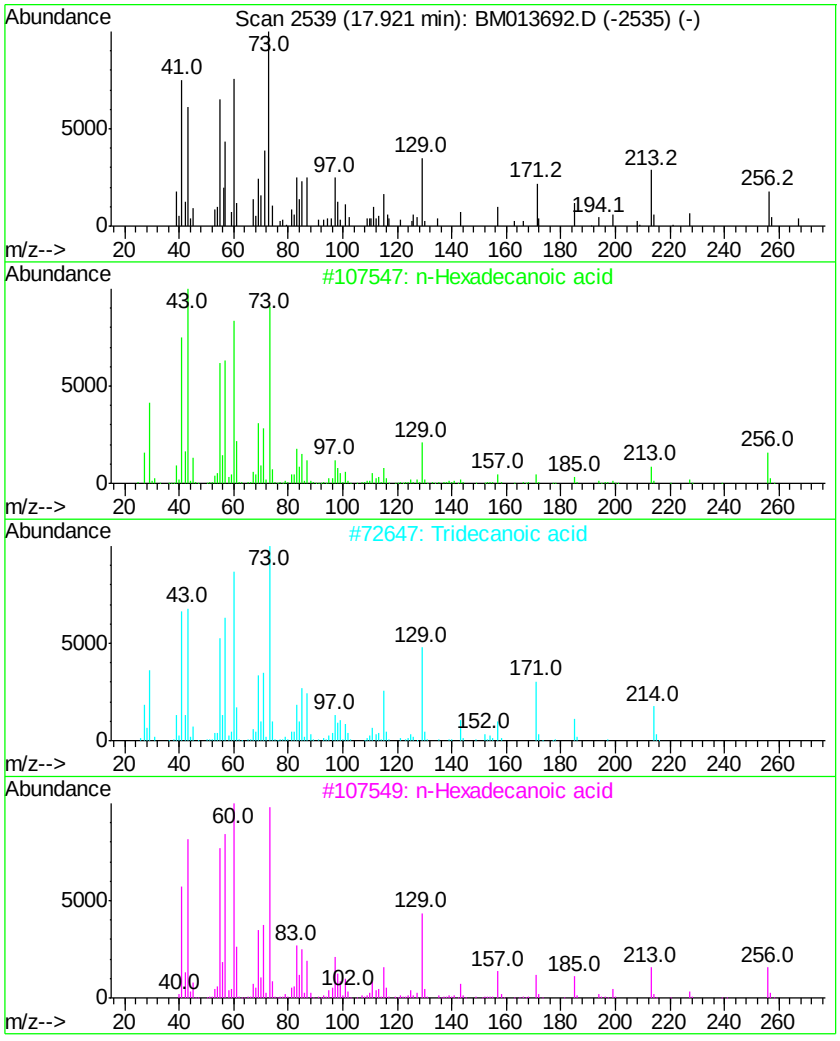
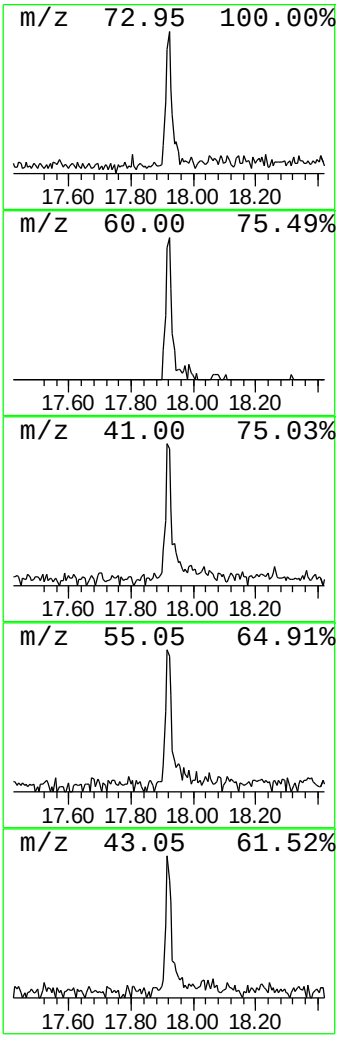
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.17 ng/ul	172634	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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
Propanedioic acid...	11.72	3.1	ng/ul	156877	2	10.39	1006620	20.0
Benzophenone	15.63	15.2	ng/ul	978664	3	14.26	1289290	20.0
n-Hexadecanoic acid	17.92	2.2	ng/ul	172634	4	17.02	1594150	20.0