LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028702.D
Acq On : 13 Sep 2017 17:25
Operator : SJ/JU
Sample : I5187-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170584-SITEWATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG091217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.903	385	394	402	rBV	281957	494229	14.88%	3.811%
2	7.483	656	663	677	rBV	197352	399128	12.02%	3.077%
3	7.865	720	728	739	rBV	465900	848503	25.55%	6.542%
4	8.329	799	807	817	rBV	102381	179282	5.40%	1.382%
5	8.652	854	862	872	rBV	438114	776236	23.37%	5.985%
6	9.498	998	1006	1019	rBV	348298	666723	20.07%	5.141%
7	11.149	1279	1287	1299	rBV	123773	241883	7.28%	1.865%
8	13.558	1690	1697	1706	rBV	1119678	1741160	52.42%	13.425%
9	14.381	1831	1837	1844	rBV2	19176	35274	1.06%	0.272%
10	14.939	1924	1932	1943	rBV3	226744	390604	11.76%	3.012%
11	16.431	2178	2186	2198	rBV	1017618	1639603	49.36%	12.642%
12	17.689	2392	2400	2409	rBV2	355983	571118	17.19%	4.403%
13	18.329	2503	2509	2514	rBV2	45311	58585	1.76%	0.452%
14	18.535	2540	2544	2554	rBV2	33209	61563	1.85%	0.475%
15	19.134	2639	2646	2652	rBV4	22375	38787	1.17%	0.299%
16	19.798	2755	2759	2763	rBV2	24811	36304	1.09%	0.280%
17	20.280	2834	2841	2852	rBV	2402615	3321471	100.00%	25.609%
18	21.590	3060	3064	3074	rVB8	19873	45159	1.36%	0.348%
19	22.025	3129	3138	3146	rBV	401071	736064	22.16%	5.675%
20	25.521	3723	3733	3748	rVB2	210998	688098	20.72%	5.305%

Sum of corrected areas: 12969774

LSC Report - Integrated Chromatogram

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Misc :
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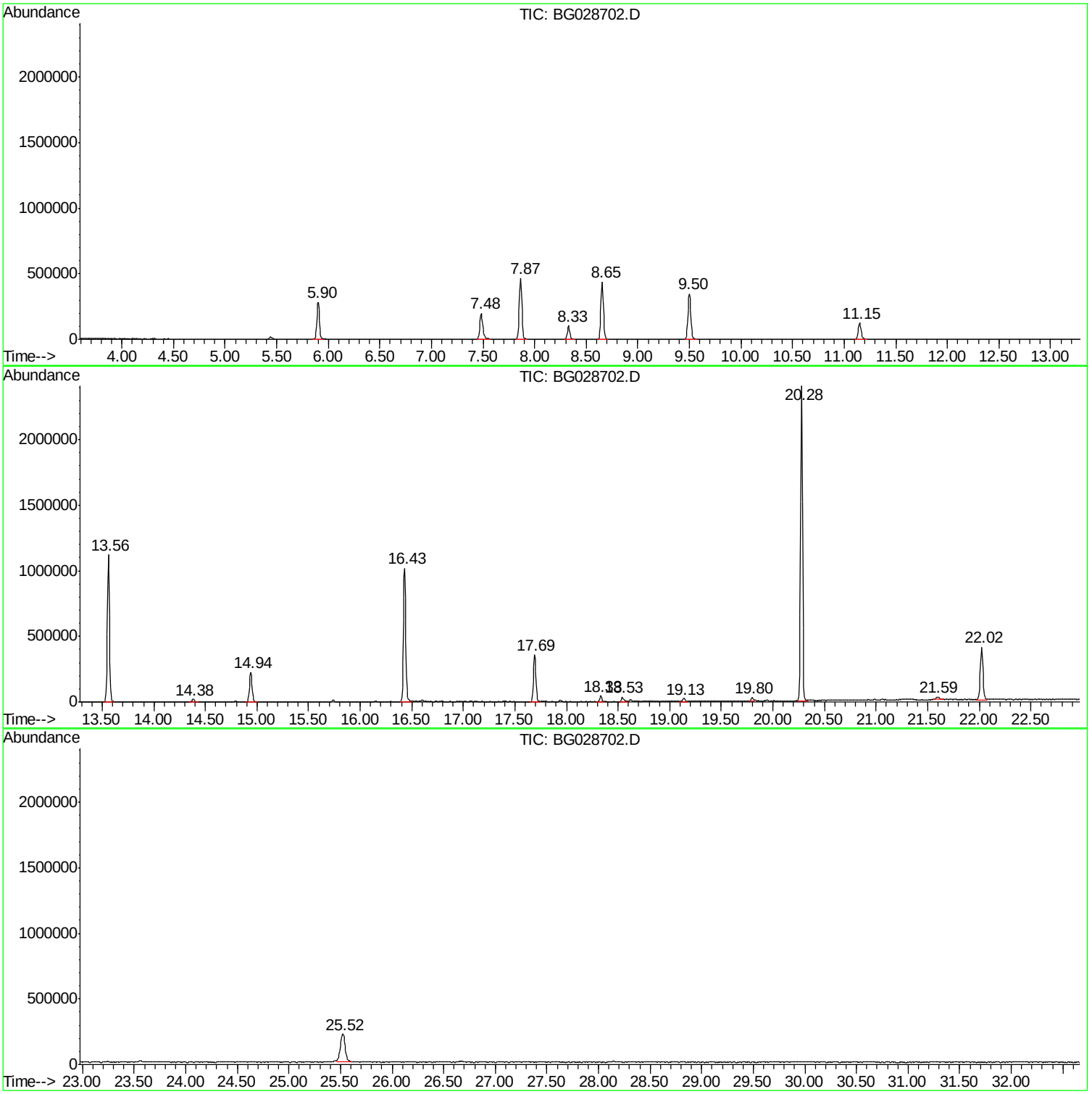
Instrument : BNA_G
ClientSampleId : 20170584-SITEWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028702.D
Acq On : 13 Sep 2017 17:25
Operator : SJ/JU
Sample : I5187-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170584-SITEWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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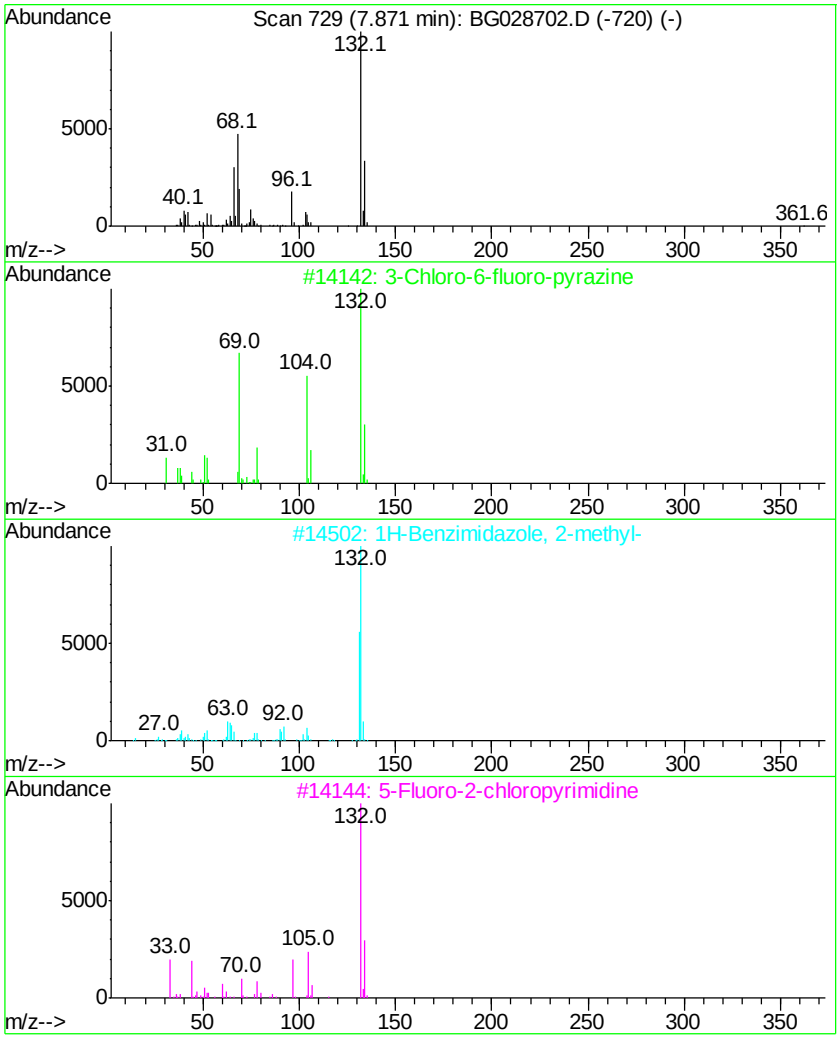
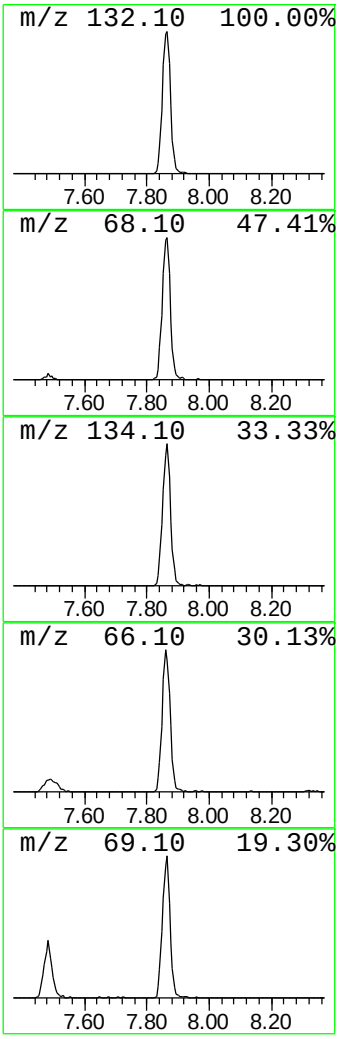
Peak Number 1 unknown7.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	94.66 ng	848503	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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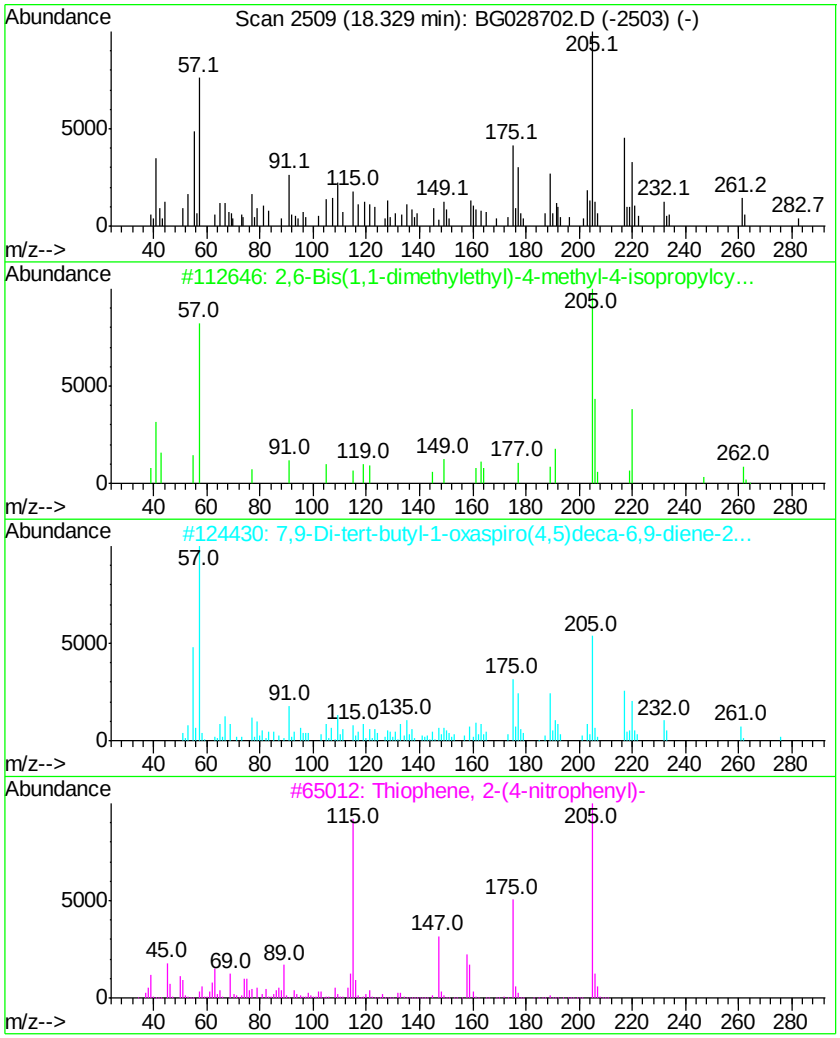
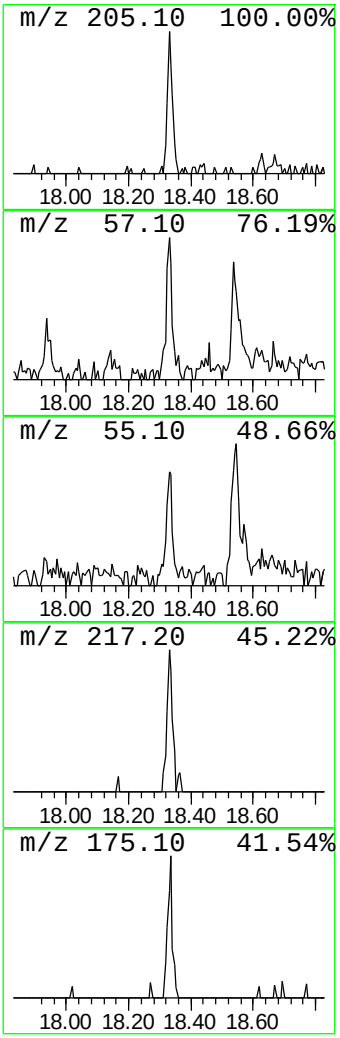
Peak Number 3 2,6-Bis(1,1-dimethylethyl)-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.05 ng	58585	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H30O	004278-82-4	80
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
3	Thiophene, 2-(4-nitrophenyl)-	205	C10H7NO2S	059156-21-7	43
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	43
5	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	38





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Data File : BG028702.D
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Operator : SJ/JU
Sample : I5187-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170584-SITEWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

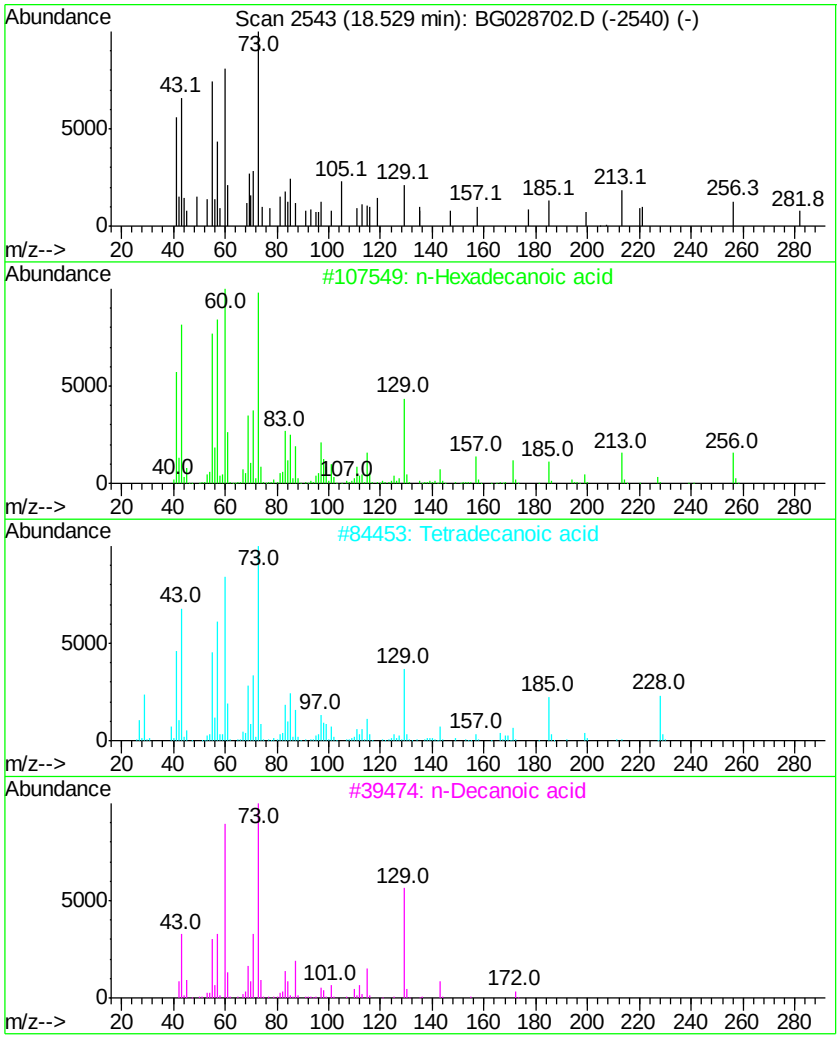
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

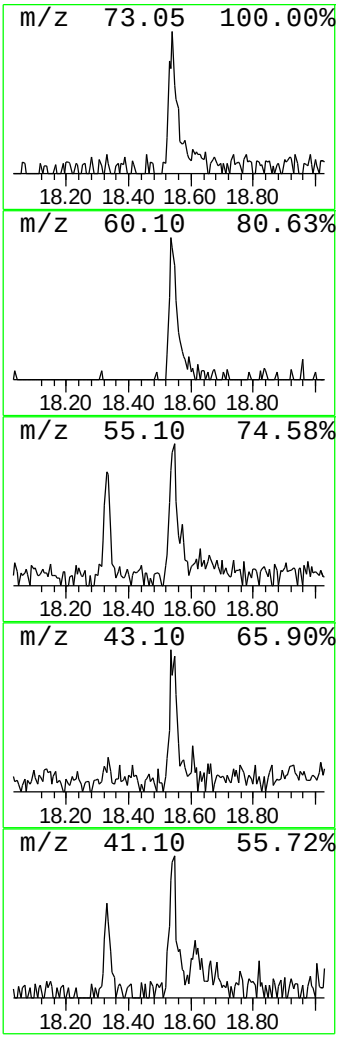
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.16 ng	61563	Phenanthrene-d10	17.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	38
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	22
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	18





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.87	7.87	94.7	ng	848503	1	8.33	179282	20.0
2,6-Bis(1,1-dimet...	18.33	2.0	ng	58585	4	17.69	571118	20.0
n-Hexadecanoic acid	18.53	2.2	ng	61563	4	17.69	571118	20.0