LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035361.D
Acq On : 23 Jun 2018 10:19
Operator : JU/SJ
Sample : J3623-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061918-TIPC-E-D-M

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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	5.631	392	399	408	rBV	324247	535390	11.16%	2.810%
2	7.212	661	668	680	rBV	235237	434543	9.06%	2.280%
3	7.588	723	732	742	rBV	604918	1029371	21.45%	5.402%
4	8.058	803	812	819	rBV	179285	314256	6.55%	1.649%
5	8.381	858	867	876	rBV	845250	1514080	31.55%	7.945%
6	9.215	1001	1009	1018	rBV	700935	1240587	25.85%	6.510%
7	10.860	1281	1289	1296	rBV	211541	384717	8.02%	2.019%
8	13.303	1697	1705	1720	rVB	1870162	2997853	62.47%	15.732%
9	14.120	1839	1844	1850	rBV	73475	104396	2.18%	0.548%
10	14.672	1931	1938	1946	rBV3	363038	605282	12.61%	3.176%
11	15.959	2153	2157	2163	rVB	77253	98992	2.06%	0.519%
12	16.158	2183	2191	2200	rBV	1041967	1588760	33.11%	8.337%
13	17.415	2398	2405	2412	rBV	512229	773190	16.11%	4.057%
14	18.297	2550	2555	2562	rBV2	58144	84925	1.77%	0.446%
15	20.024	2843	2849	2861	rVB	3593175	4798861	100.00%	25.183%
16	20.817	2978	2984	2989	rBV4	39686	61315	1.28%	0.322%
17	21.328	3067	3071	3078	rBV2	53784	81402	1.70%	0.427%
18	21.680	3125	3131	3143	rVB	572217	963444	20.08%	5.056%
19	21.874	3159	3164	3169	rBV	60972	81424	1.70%	0.427%
20	22.485	3262	3268	3272	rBV	58946	92306	1.92%	0.484%
21	23.178	3378	3386	3393	rBV2	58497	108654	2.26%	0.570%
22	23.983	3514	3523	3530	rBV3	52488	123595	2.58%	0.649%
23	24.905	3668	3680	3693	rBV2	311170	972560	20.27%	5.104%
24	26.063	3870	3877	3886	rVB7	24658	66124	1.38%	0.347%

Sum of corrected areas: 19056027

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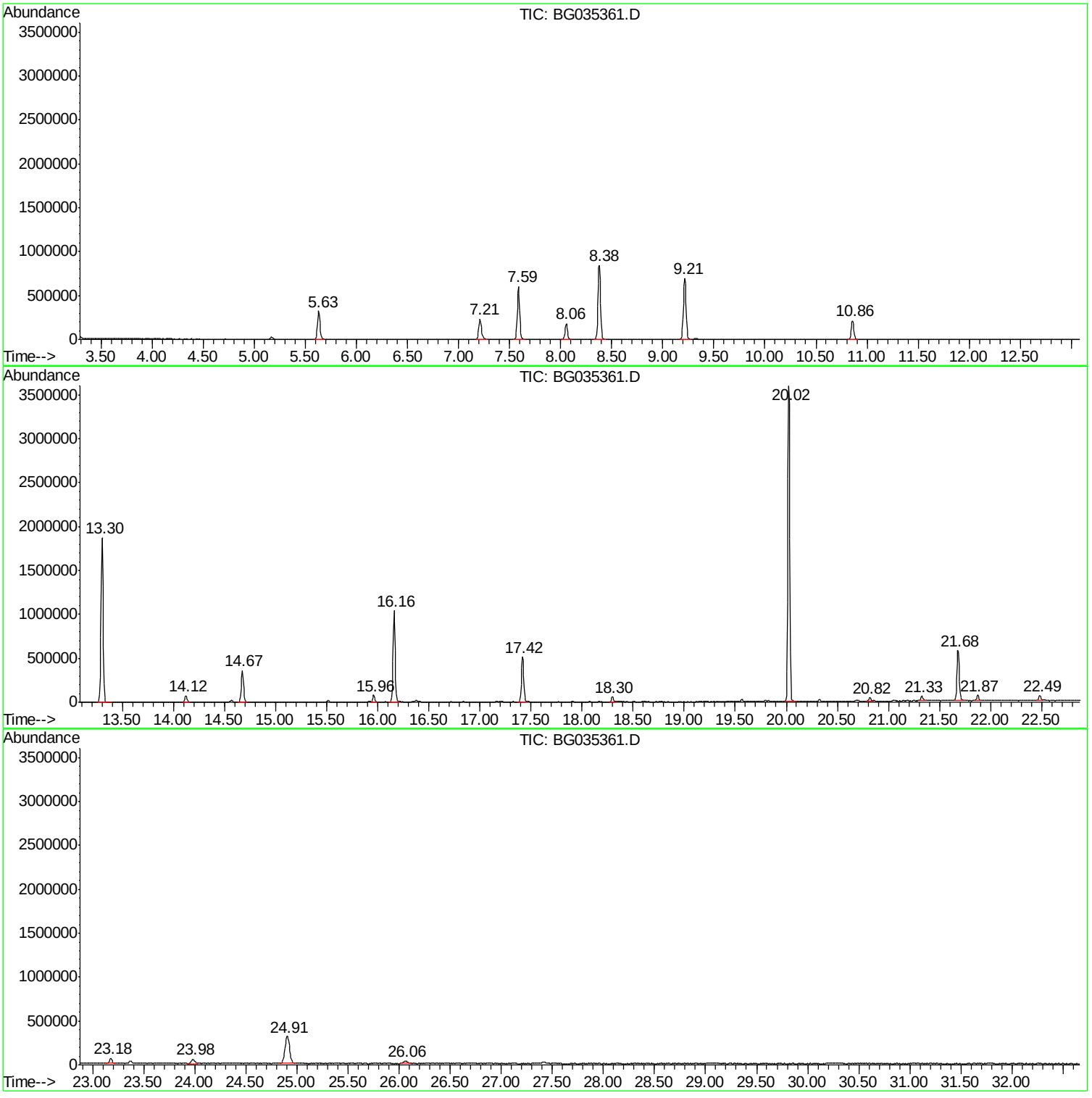
Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-D-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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

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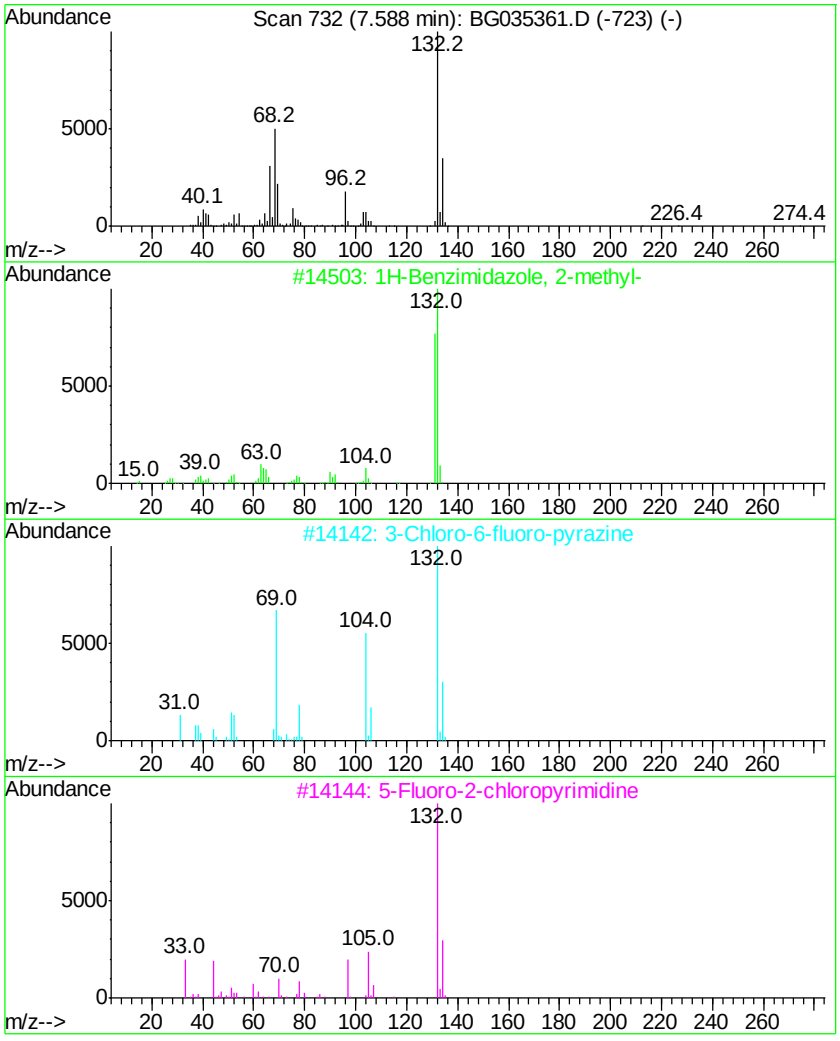
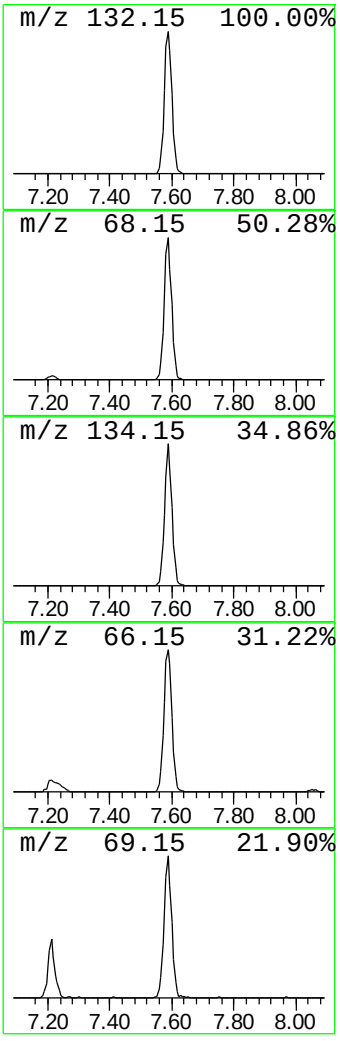
Peak Number 1 unknown07.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	65.51 ng	1029370	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1-Aminoindan	133	C9H11N	034698-41-4	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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Instrument : BNA_G
ClientSampleId : 061918-TIPC-E-D-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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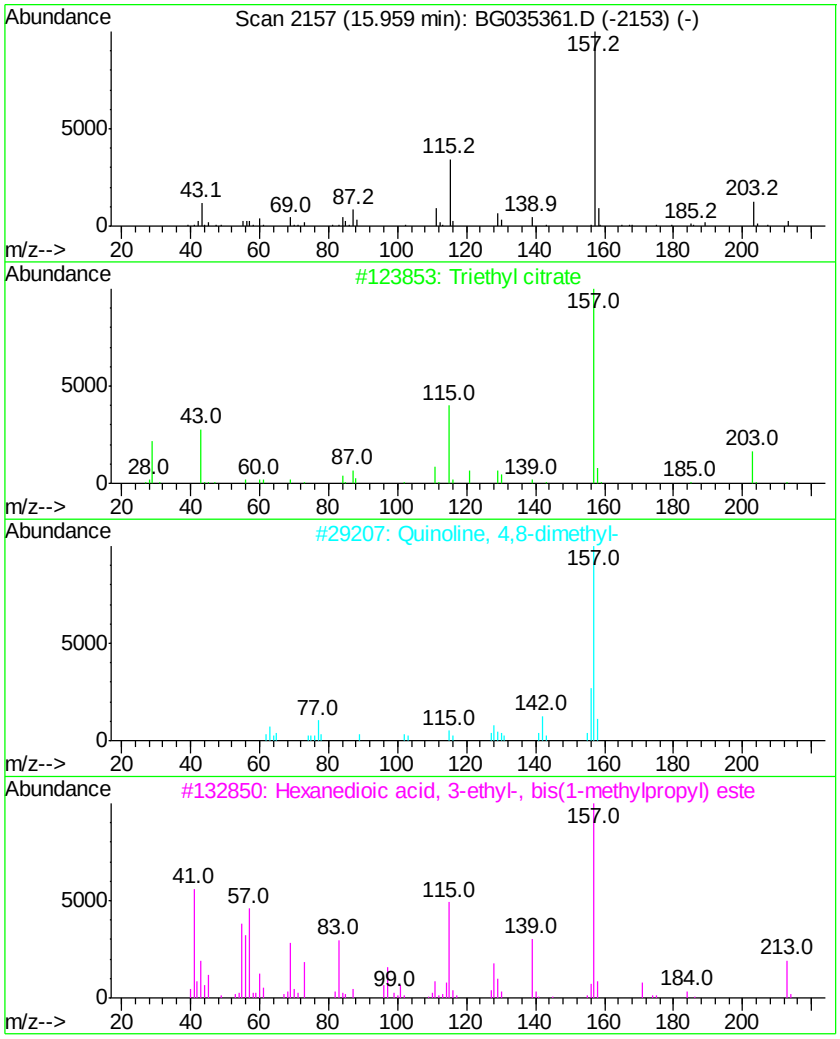
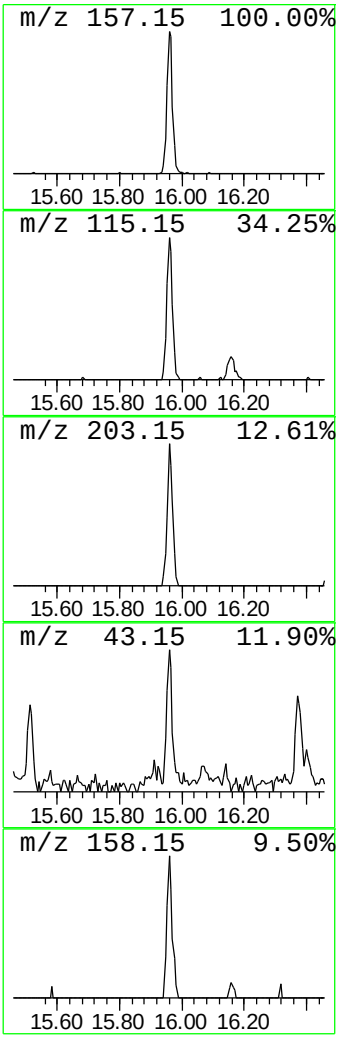
Peak Number 3 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.27 ng	98992	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	90
2	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	53
3	Hexanedioic acid, 3-ethyl-, bis(...	286	C16H30O4	057983-54-7	39
4	Adipic acid, isobutyl 3-(2-metho...	358	C20H38O5	1000324-28-7	36
5	1,4-Dioxaspiro[4.4]nonane, 7,8-b...	188	C9H16O4	1000155-54-9	36





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Instrument : BNA_G
ClientSampleId : 061918-TIPC-E-D-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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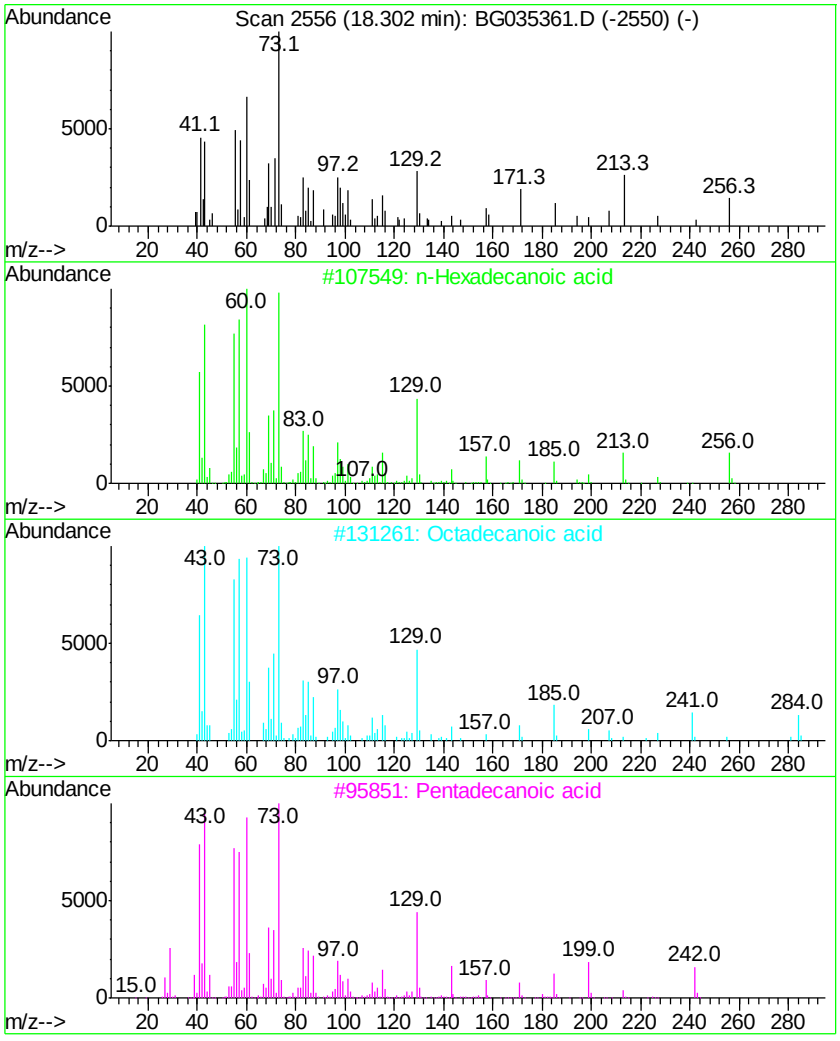
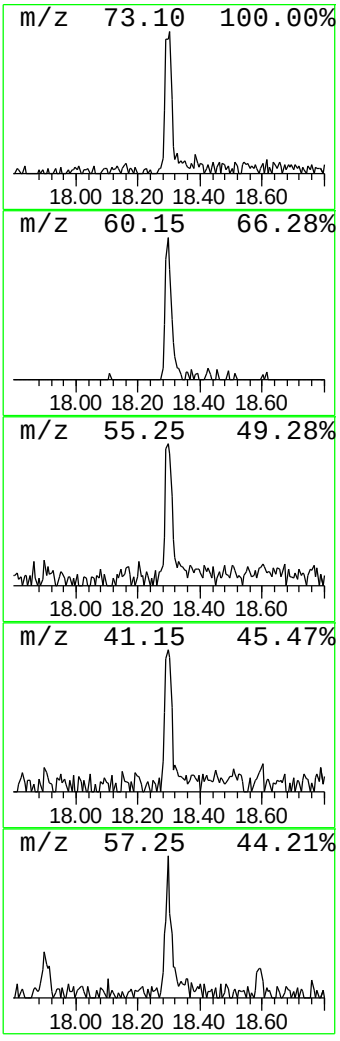
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.20 ng	84925	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Misc :
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Instrument : BNA_G
ClientSampleId : 061918-TIPC-E-D-M

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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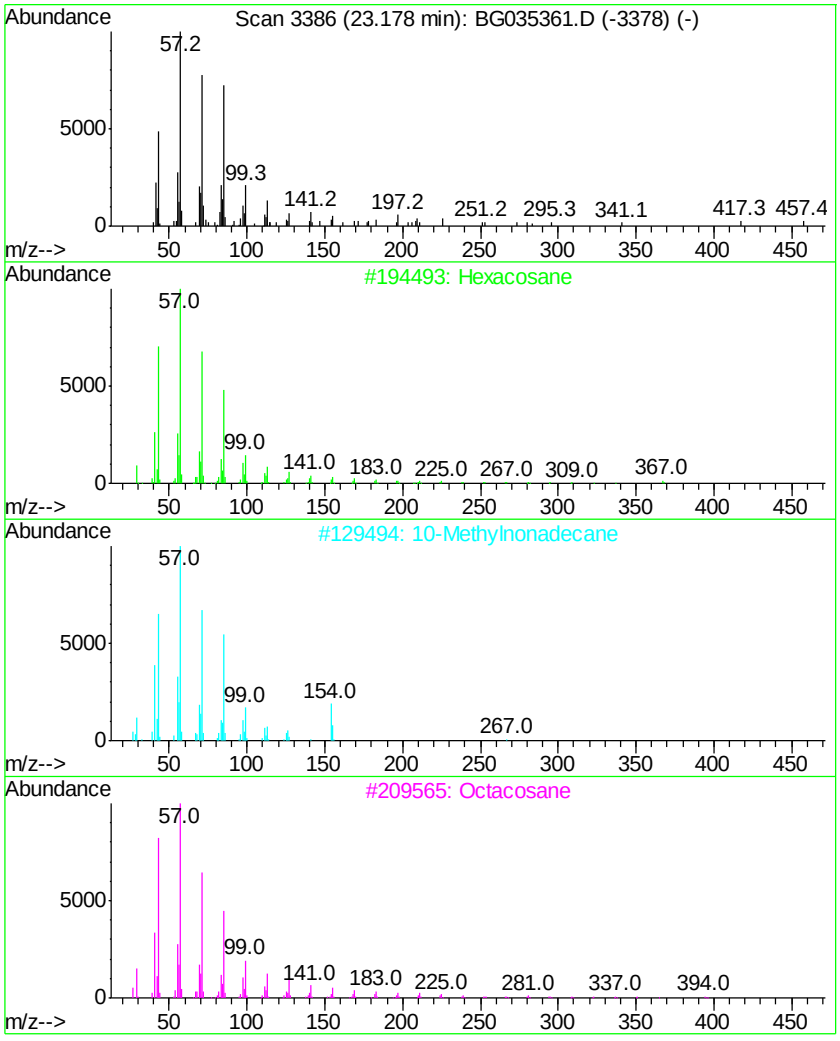
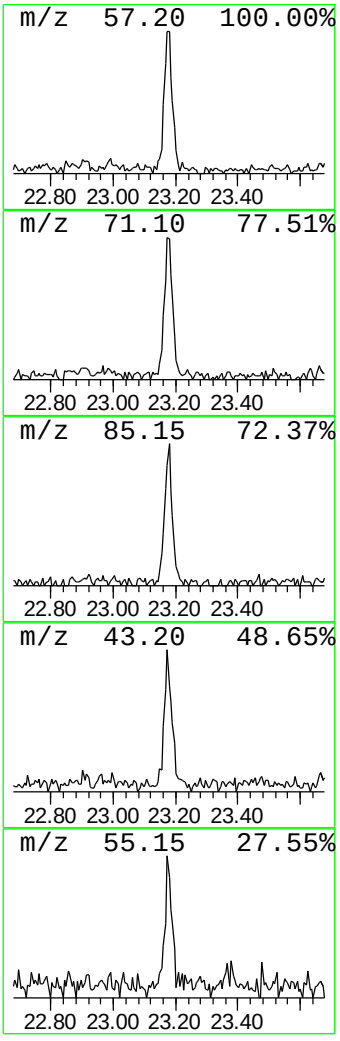
Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.26 ng	108654	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Octacosane	394	C28H58	000630-02-4	86
4	2-methylhexacosane	380	C27H56	1000376-72-7	80
5	2-methyloctacosane	408	C29H60	1000376-72-8	80





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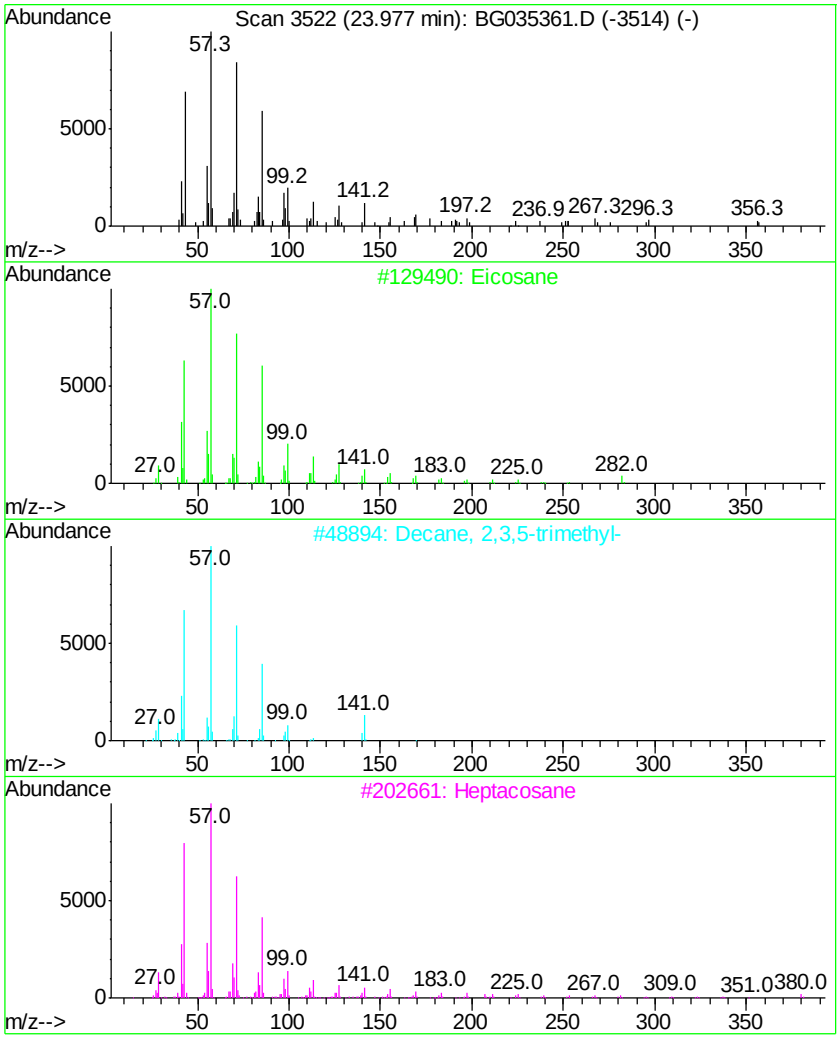
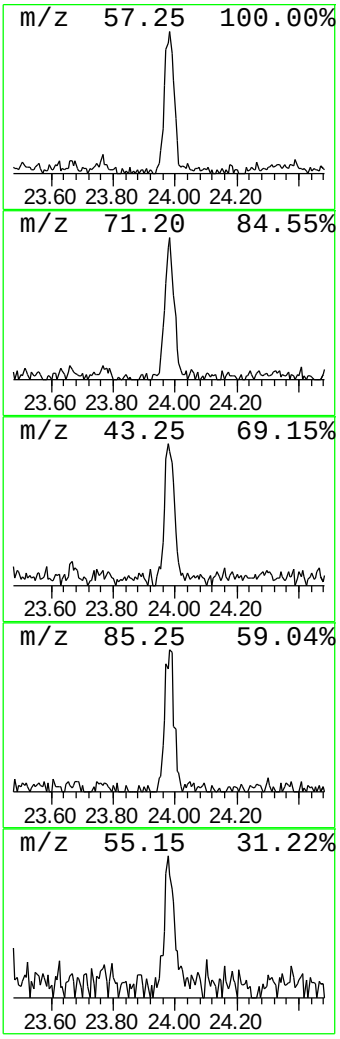
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.54 ng	123595	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Tetracosane	338	C24H50	000646-31-1	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown07.59	7.59	65.5	ng	1029370	1	8.06	314256	20.0
Triethyl citrate	15.96	3.3	ng	98992	3	14.67	605282	20.0
n-Hexadecanoic acid	18.30	2.2	ng	84925	4	17.42	773190	20.0
Hexacosane	23.18	2.3	ng	108654	5	21.68	963444	20.0
Eicosane	23.98	2.5	ng	123595	6	24.90	972560	20.0