LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035443.D
Acq On : 27 Jun 2018 13:02
Operator : JU/SJ
Sample : J3570-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20180376-COMPOSITE-CS-1B-ELU

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	5.626	390	398	406	rBV	487390	801679	18.18%	3.901%
2	7.212	659	668	679	rBV	379143	688031	15.60%	3.348%
3	7.582	724	731	741	rBV	805674	1420573	32.21%	6.912%
4	8.052	803	811	816	rBV	189312	327856	7.43%	1.595%
5	8.105	816	820	828	rVB2	42646	68355	1.55%	0.333%
6	8.376	855	866	874	rBV	699943	1188101	26.94%	5.781%
7	9.216	1001	1009	1020	rVB	613272	1096348	24.86%	5.334%
8	10.855	1280	1288	1295	rBV2	250642	451557	10.24%	2.197%
9	13.298	1695	1704	1717	rBV	1790483	2738649	62.10%	13.325%
10	14.115	1838	1843	1851	rBV	117678	176702	4.01%	0.860%
11	14.673	1931	1938	1946	rVB2	430356	710790	16.12%	3.458%
12	15.959	2152	2157	2162	rVB	147987	181045	4.11%	0.881%
13	16.159	2184	2191	2198	rBV	1654535	2484640	56.34%	12.089%
14	16.371	2223	2227	2229	rBV2	36169	46765	1.06%	0.228%
15	17.416	2399	2405	2412	rBV	610118	920394	20.87%	4.478%
16	17.686	2448	2451	2460	rVB	45482	61986	1.41%	0.302%
17	18.074	2513	2517	2521	rVB6	44496	55087	1.25%	0.268%
18	18.297	2550	2555	2563	rBV2	175305	252881	5.73%	1.230%
19	19.149	2697	2700	2703	rBV3	37898	45210	1.03%	0.220%
20	19.560	2767	2770	2777	rBV4	69294	104131	2.36%	0.507%
21	20.024	2843	2849	2858	rVB	3364042	4410024	100.00%	21.457%
22	21.323	3065	3070	3085	rVB3	79999	166287	3.77%	0.809%
23	21.681	3124	3131	3140	rVB	647315	1035264	23.48%	5.037%
24	23.361	3411	3417	3423	rVB	48492	92855	2.11%	0.452%
25	24.900	3667	3679	3691	rBV	349786	1027318	23.30%	4.998%

Sum of corrected areas: 20552528

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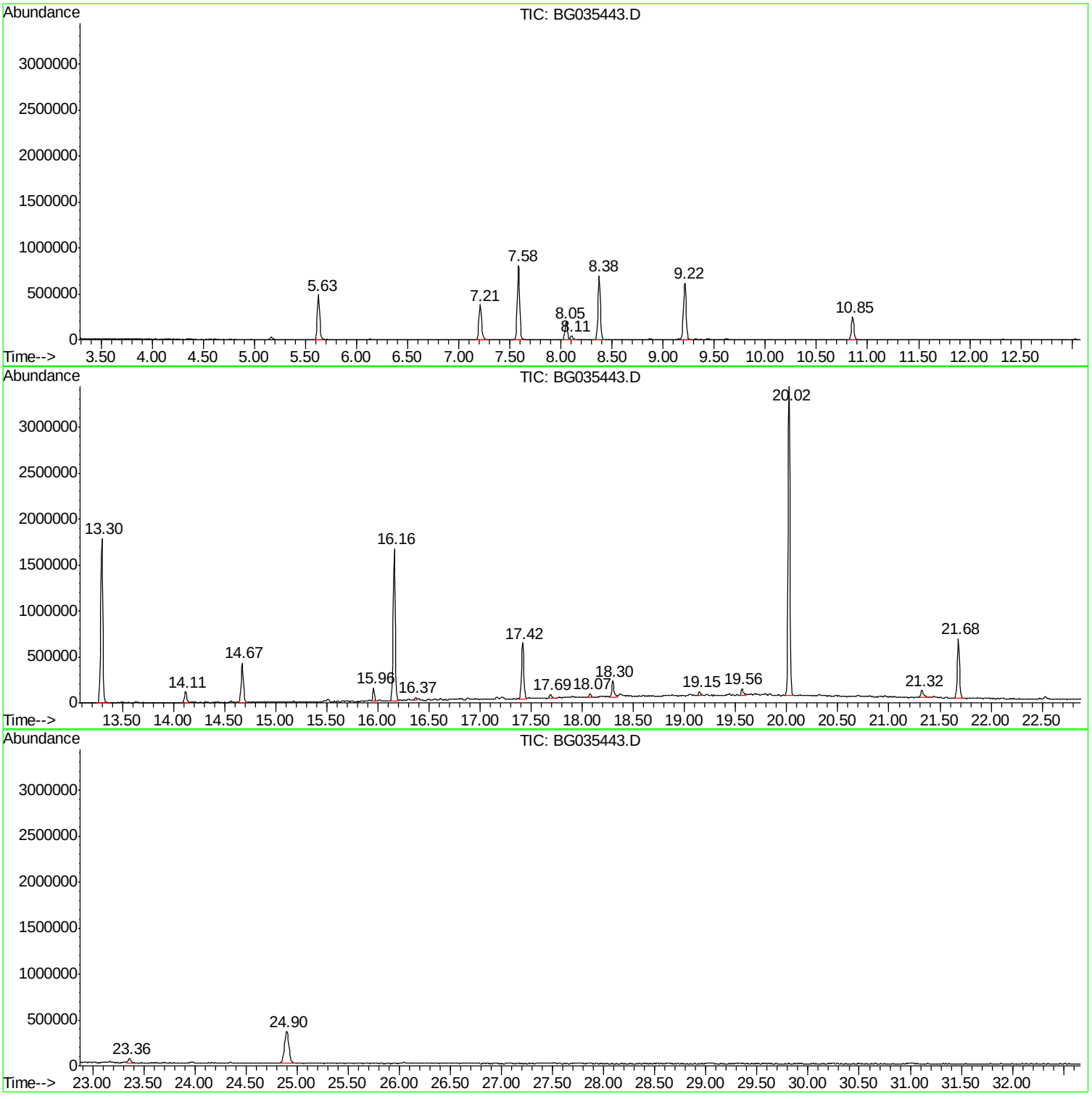
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

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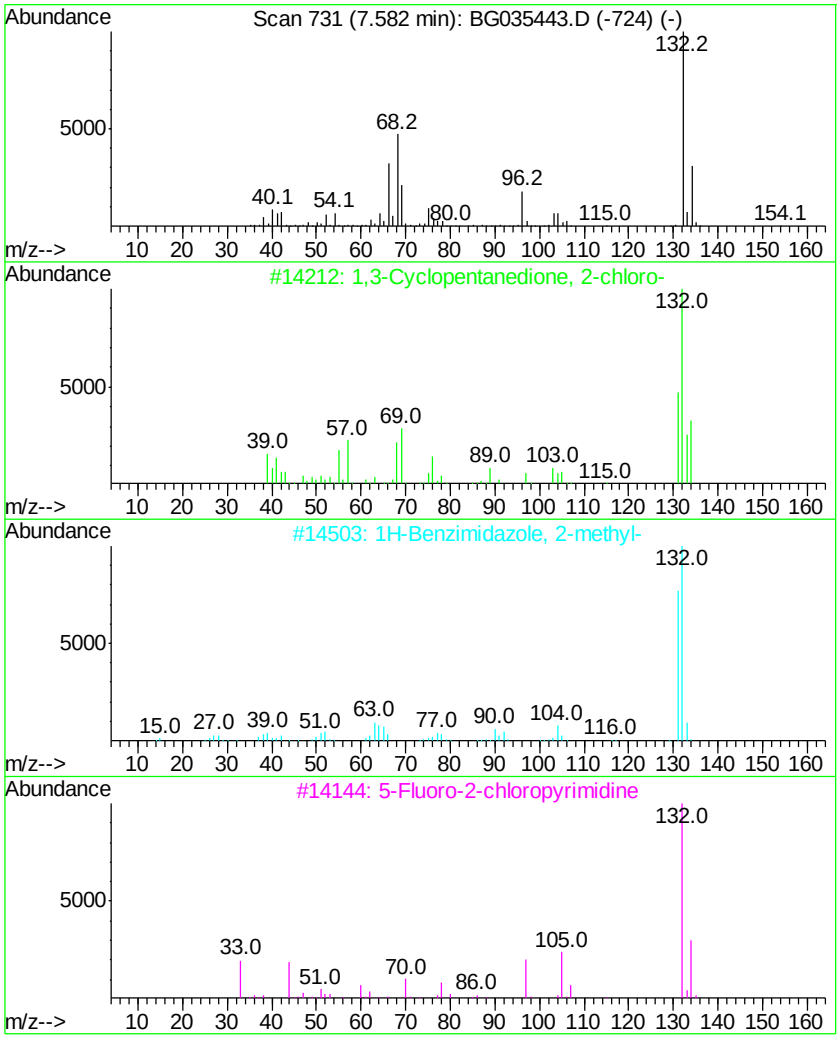
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

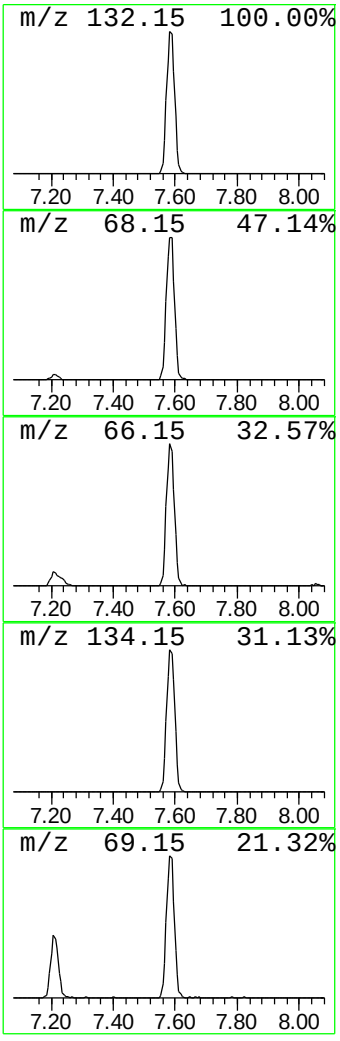
****

Peak Number 1 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	86.66 ng	1420570	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Instrument :
BNA_G
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

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
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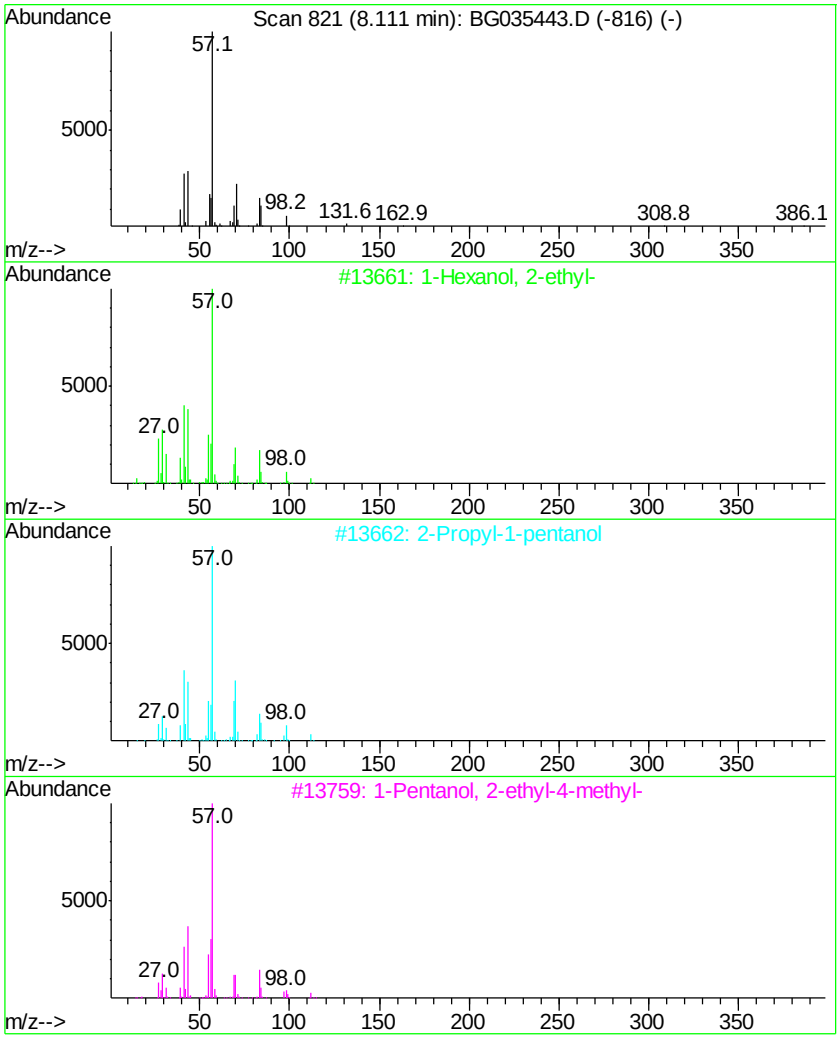
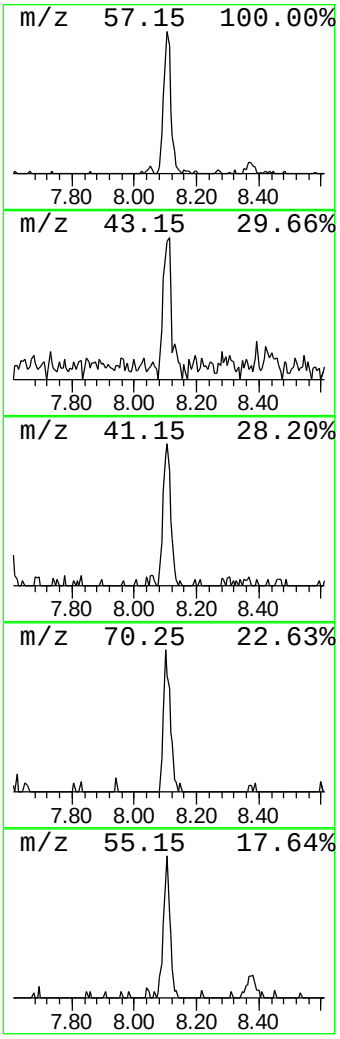
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	4.17 ng	68355	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47





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Misc :
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Instrument : BNA_G
ClientSampleId : 20180376-COMPOSITE-CS-1B-ELU

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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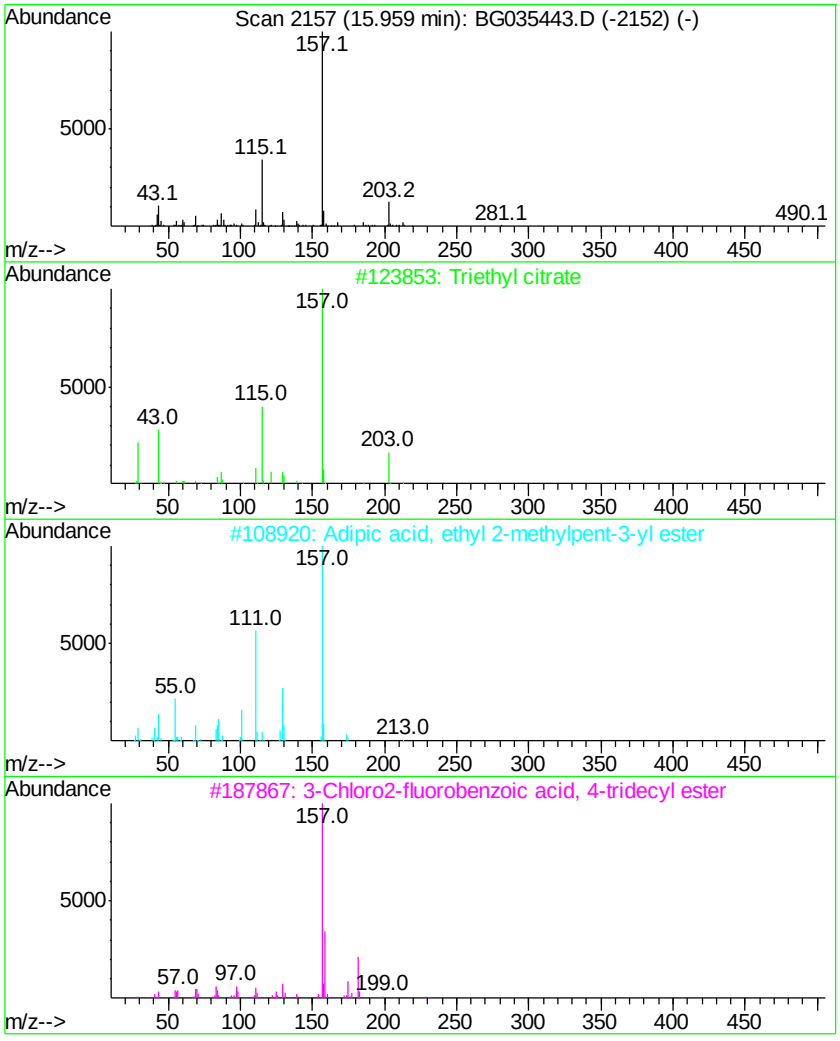
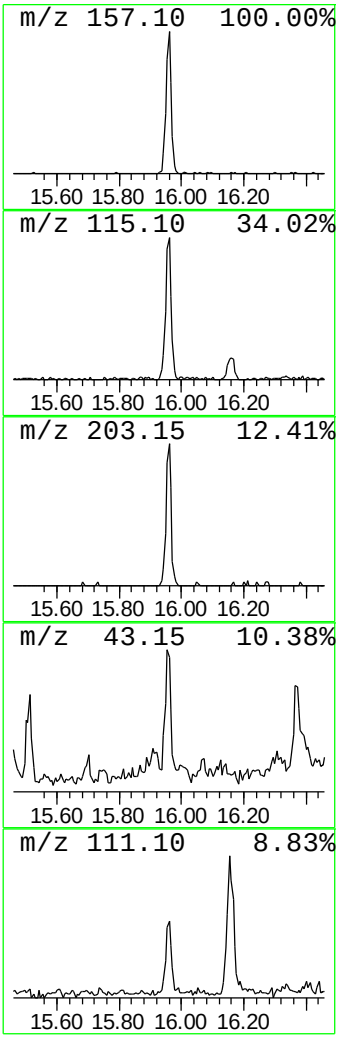
Peak Number 4 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.09 ng	181045	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	90
2	Adipic acid, ethyl 2-methylpent-...	258	C14H26O4	1000353-55-5	53
3	3-Chloro2-fluorobenzoic acid, 4-...	356	C20H30ClFO2	1000338-64-4	53
4	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	50
5	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	50





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Instrument : BNA_G
ClientSampleId : 20180376-COMPOSITE-CS-1B-ELU

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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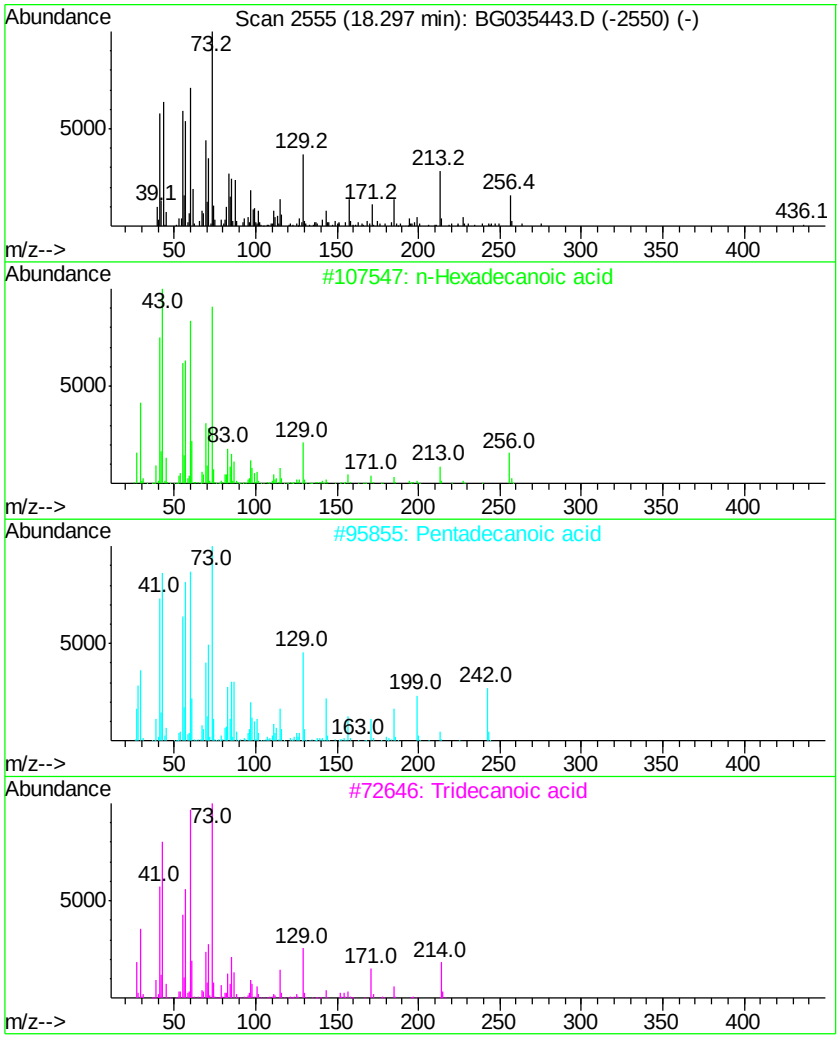
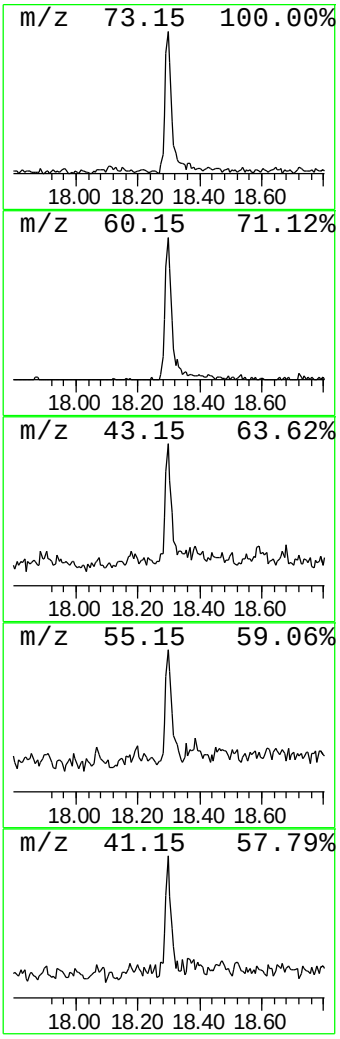
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.50 ng	252881	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	58





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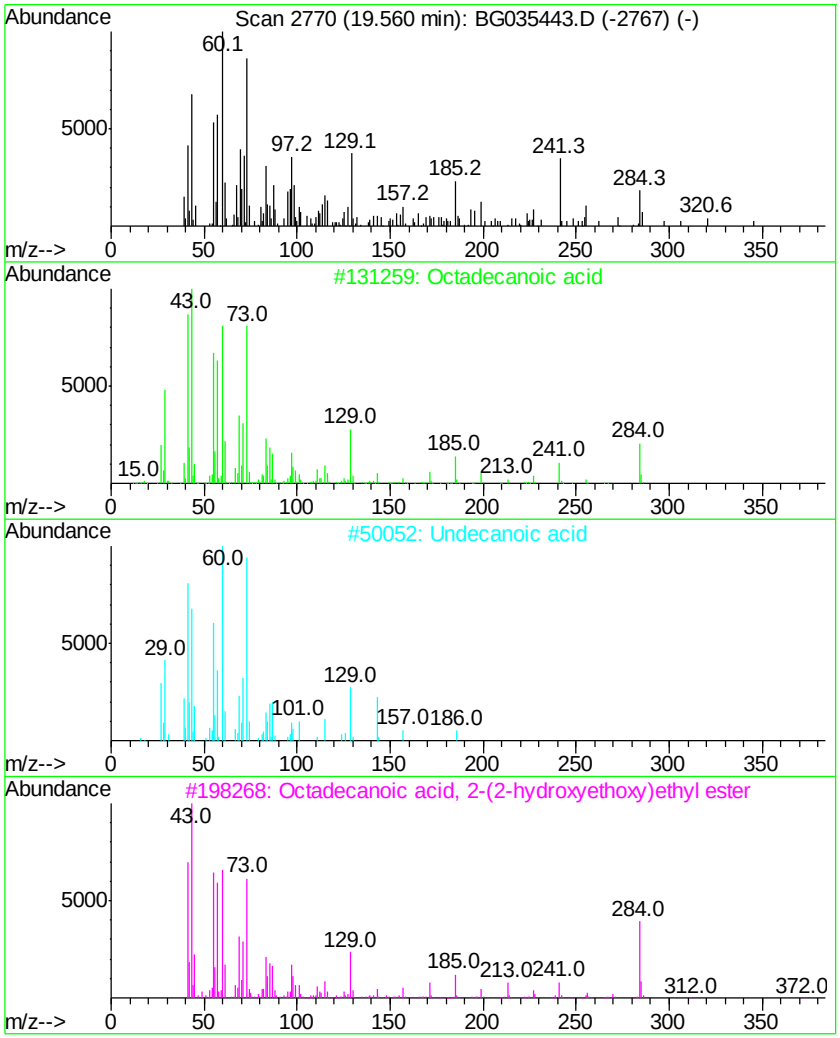
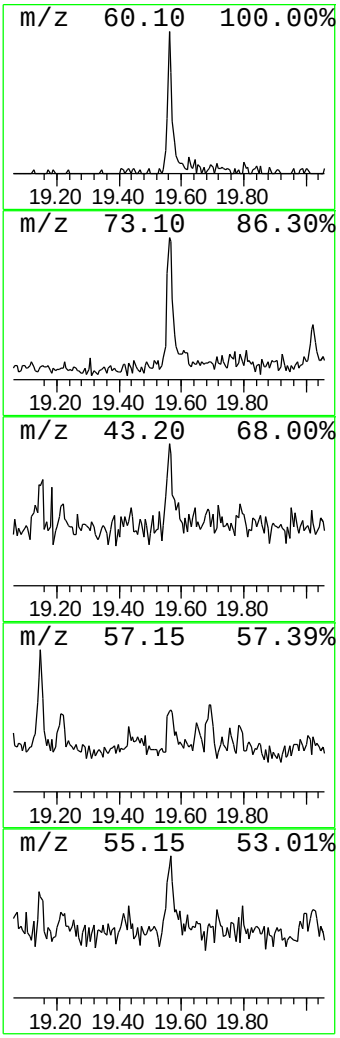
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.01 ng	104131	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Undecanoic acid	186	C11H22O2	000112-37-8	70
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





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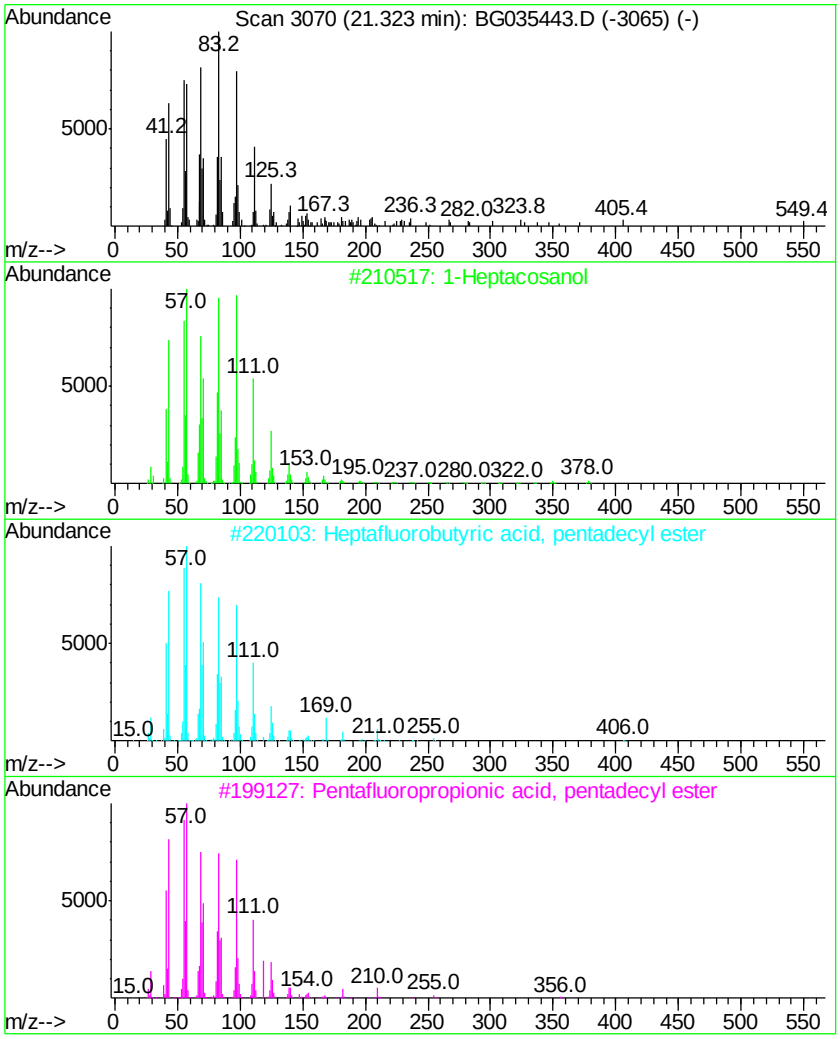
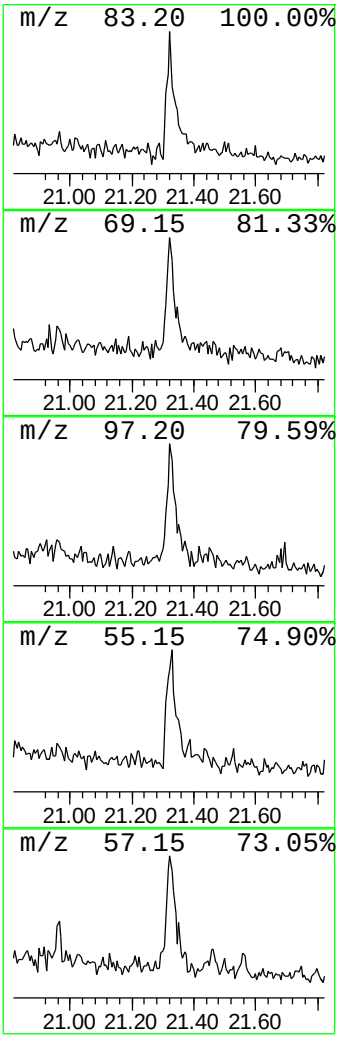
Peak Number 7 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.21 ng	166287	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	86
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	86
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
5	Behenic alcohol	326	C22H46O	000661-19-8	60





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.58	7.58	86.7	ng	1420570	1	8.05	327856	20.0
1-Hexanol, 2-ethyl-	8.11	4.2	ng	68355	1	8.05	327856	20.0
Triethyl citrate	15.96	5.1	ng	181045	3	14.67	710790	20.0
n-Hexadecanoic acid	18.30	5.5	ng	252881	4	17.42	920394	20.0
Octadecanoic acid	19.56	2.0	ng	104131	5	21.68	1035260	20.0
1-Heptacosanol	21.32	3.2	ng	166287	5	21.68	1035260	20.0