LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039820.D
Acq On : 8 Mar 2019 14:20
Operator : JU/SJ
Sample : K1807-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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-BG030419.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	3.206	15	20	28	rBV	62402	114660	4.27%	0.701%
2	3.277	29	32	40	rVB	35681	51205	1.91%	0.313%
3	5.697	437	444	456	rVB	701433	1125020	41.92%	6.882%
4	7.301	708	717	731	rBV	763529	1413197	52.66%	8.645%
5	7.682	773	782	791	rBV	705925	1210372	45.10%	7.404%
6	8.152	854	862	872	rBV	154828	263753	9.83%	1.613%
7	8.475	910	917	926	rBV	486041	835653	31.14%	5.112%
8	9.333	1055	1063	1073	rBV	424978	764392	28.48%	4.676%
9	10.978	1336	1343	1350	rBV	223801	403325	15.03%	2.467%
10	13.404	1748	1756	1764	rBV	1175262	1856082	69.17%	11.354%
11	13.639	1789	1796	1804	rBV	25100	40549	1.51%	0.248%
12	14.221	1887	1895	1901	rBV	58280	86296	3.22%	0.528%
13	14.779	1983	1990	2002	rVB2	386005	639113	23.82%	3.910%
14	16.265	2236	2243	2261	rBV	1037337	1567133	58.40%	9.586%
15	17.522	2450	2457	2470	rBV2	559959	835986	31.15%	5.114%
16	18.374	2596	2602	2614	rBV2	58501	106337	3.96%	0.650%
17	19.226	2741	2747	2753	rBV	50740	94730	3.53%	0.579%
18	19.537	2795	2800	2805	rVB4	20811	29830	1.11%	0.182%
19	19.854	2850	2854	2858	rVB	22643	29131	1.09%	0.178%
20	20.119	2892	2899	2904	rBV	2007249	2683519	100.00%	16.415%
21	20.383	2938	2944	2948	rBV	45692	64939	2.42%	0.397%
22	20.882	3025	3029	3032	rVB2	27292	33982	1.27%	0.208%
23	21.399	3112	3117	3125	rBV2	55660	121799	4.54%	0.745%
24	21.810	3179	3187	3198	rVB2	540306	909916	33.91%	5.566%
25	23.297	3431	3440	3446	rVB4	23569	44095	1.64%	0.270%
26	23.502	3469	3475	3480	rVB3	29526	54354	2.03%	0.332%
27	24.137	3576	3583	3591	rVB3	21903	48009	1.79%	0.294%
28	25.176	3744	3760	3774	rBV2	286922	920124	34.29%	5.629%

Sum of corrected areas: 16347501

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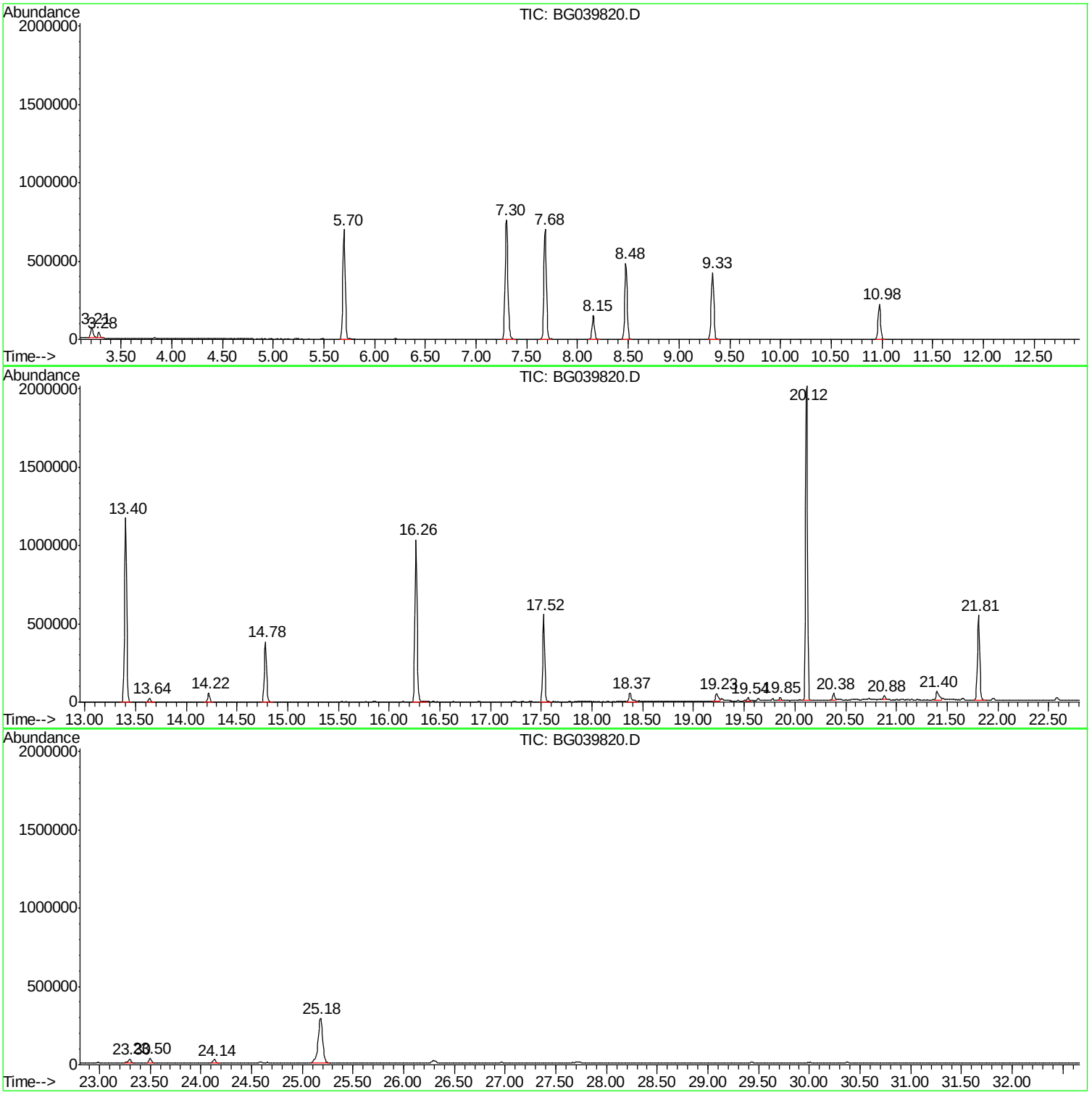
Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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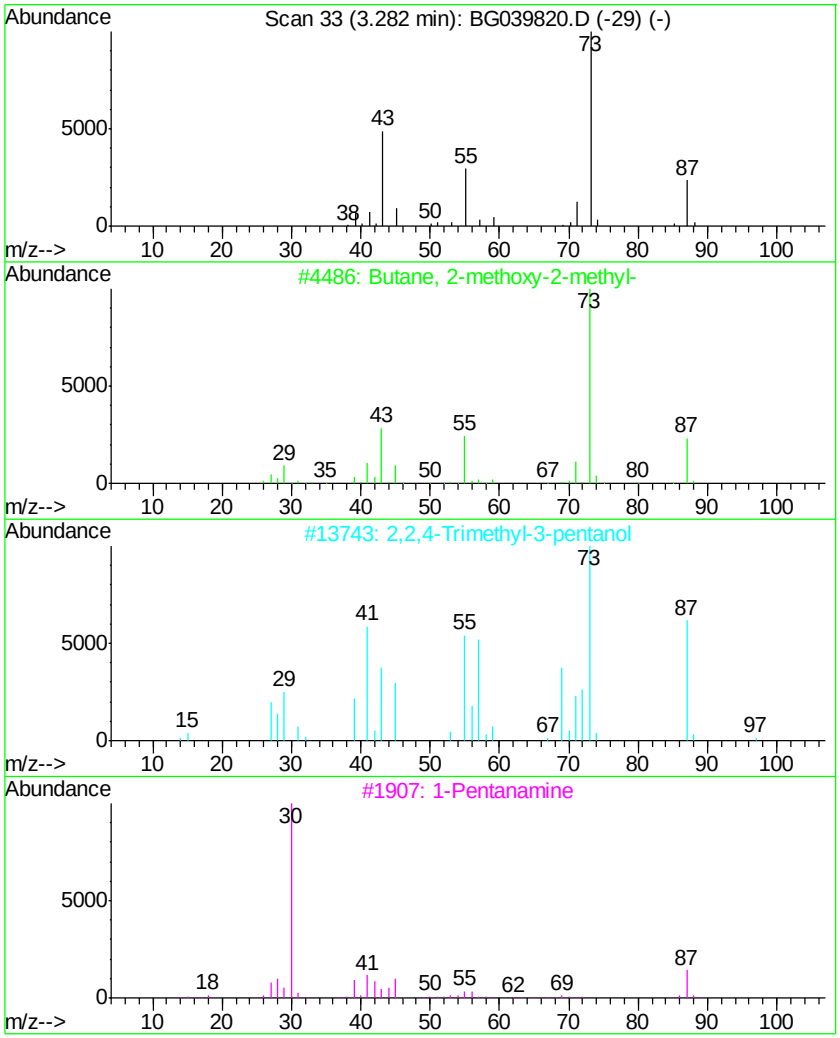
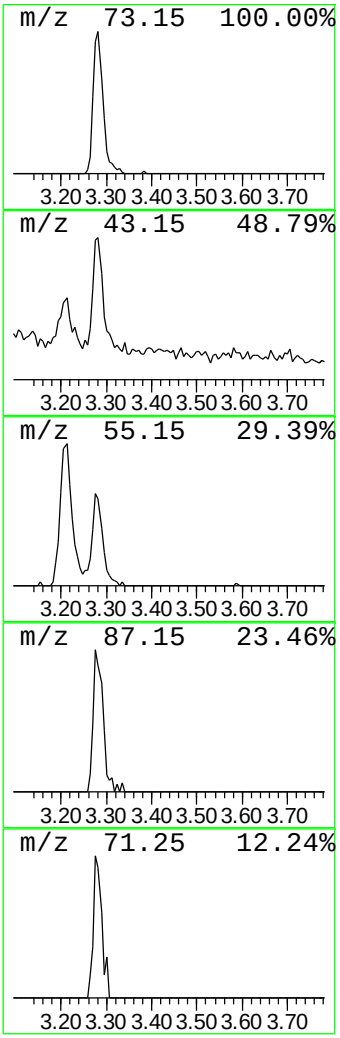
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	3.88 ng	51205	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1-Pentanamine	87	C5H13N	000110-58-7	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12
5	(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	10





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Sample : K1807-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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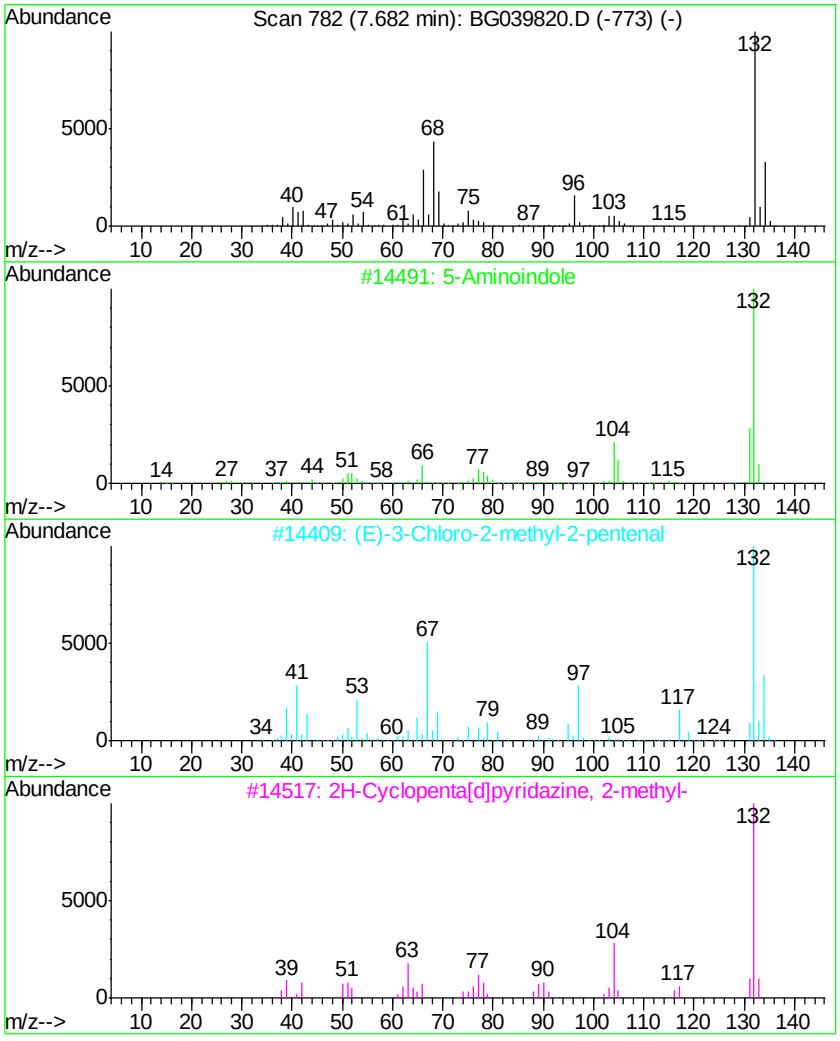
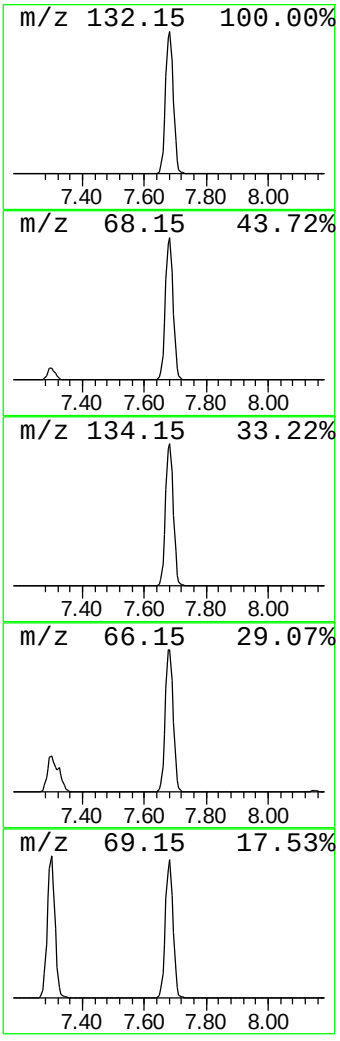
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	91.78 ng	1210370	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
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Misc :
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Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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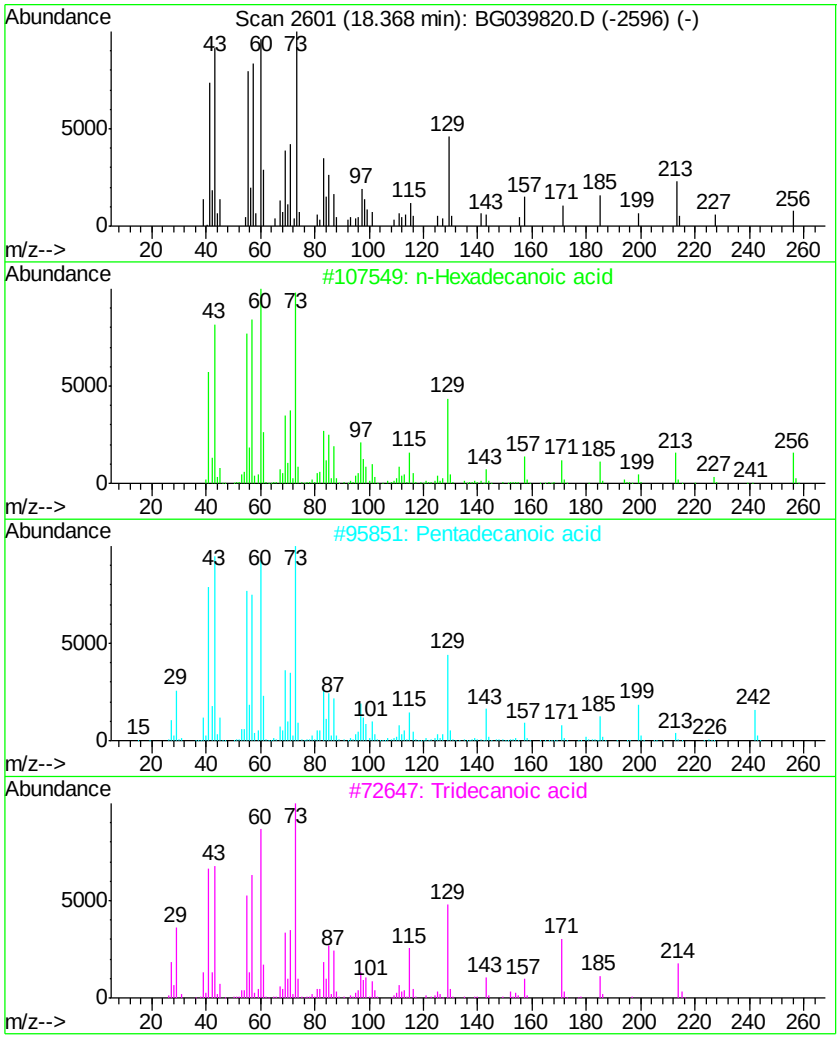
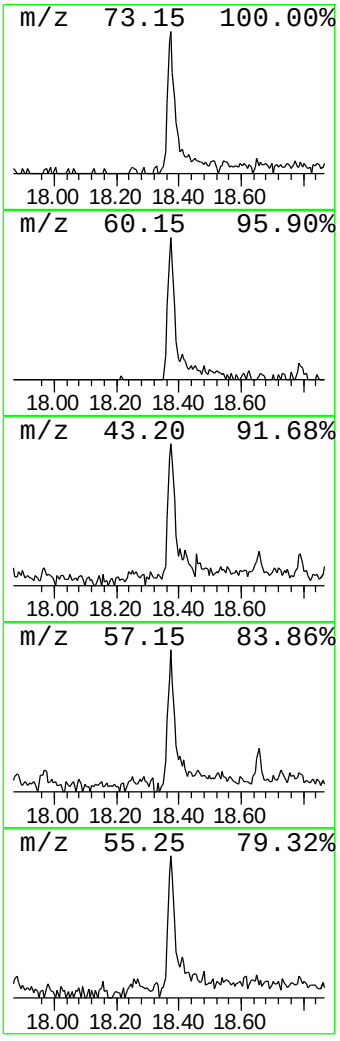
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.54 ng	106337	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59





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Instrument : BNA_G
ClientSampleId : TP-1

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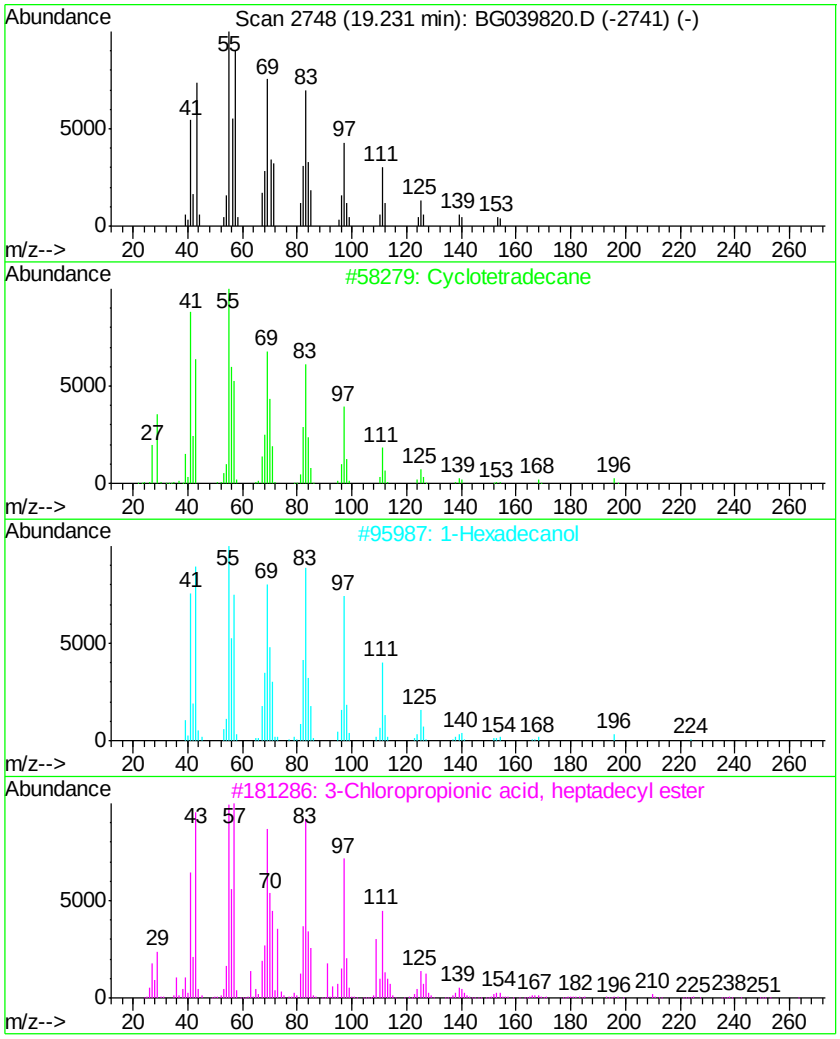
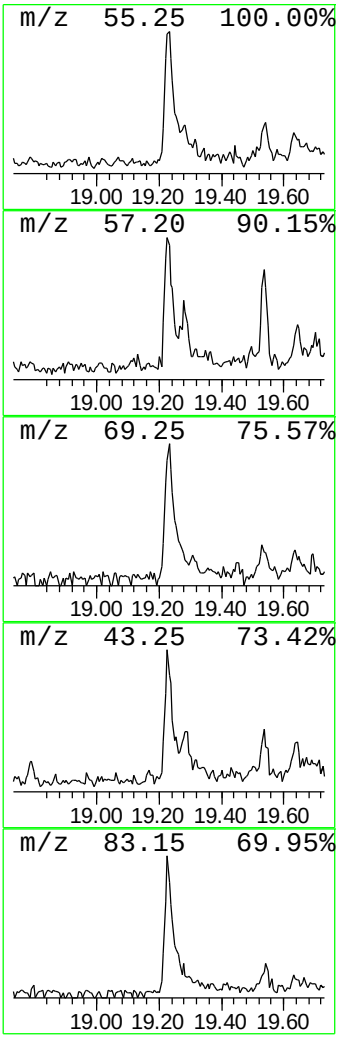
Peak Number 6 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.27 ng	94730	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	95
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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TIC Library : C:\Database\NIST11.L
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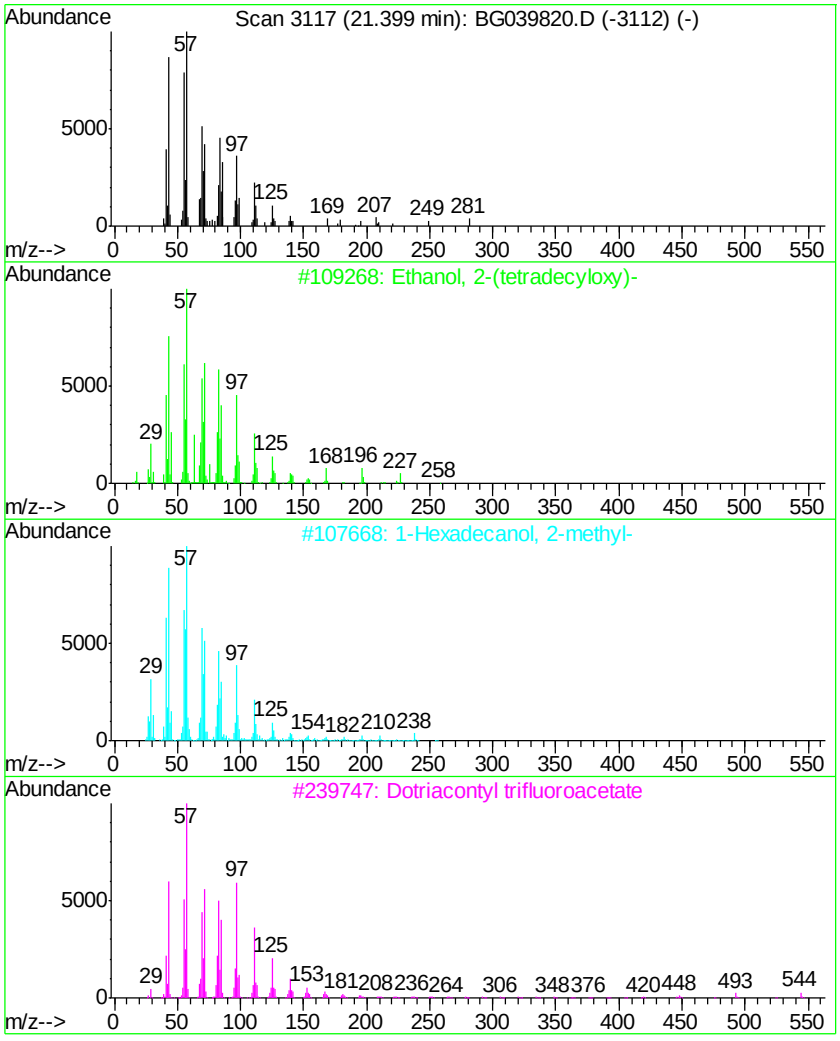
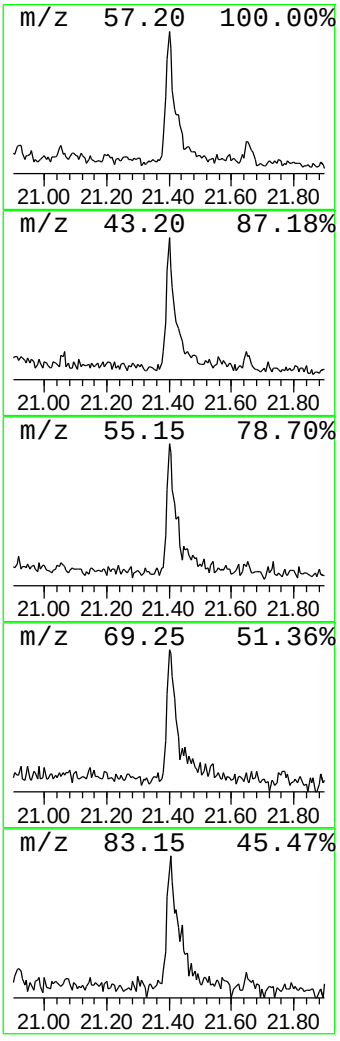
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.68 ng	121799	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91
3	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	87
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.28	3.9	ng	51205	1	8.15	263753	20.0
unknown7.68	7.68	91.8	ng	1210370	1	8.15	263753	20.0
n-Hexadecanoic acid	18.37	2.5	ng	106337	4	17.52	835986	20.0
Cyclotetradecane	19.23	2.3	ng	94730	4	17.52	835986	20.0
Ethanol, 2-(tetra...	21.40	2.7	ng	121799	5	21.81	909916	20.0