LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039706.D
Acq On : 2 Mar 2019 3:31
Operator : JU/SJ
Sample : K1675-41
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-14-B

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-BG012919.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	3.223	17	23	31	rBV	76279	144607	4.86%	0.792%
2	3.293	31	35	48	rVB	39903	59022	1.98%	0.323%
3	5.708	439	446	456	rBV	784803	1257459	42.25%	6.885%
4	7.311	710	719	732	rBV	822507	1455045	48.89%	7.967%
5	7.693	776	784	798	rBV	777069	1339320	45.00%	7.334%
6	8.163	857	864	872	rBV2	197878	339217	11.40%	1.857%
7	8.486	910	919	927	rBV	532666	950759	31.95%	5.206%
8	9.344	1056	1065	1075	rBV	462671	851102	28.60%	4.660%
9	10.989	1335	1345	1355	rBV	281223	505339	16.98%	2.767%
10	13.409	1750	1757	1765	rBV	1288388	2032728	68.30%	11.130%
11	14.231	1891	1897	1905	rBV	54432	81300	2.73%	0.445%
12	14.789	1984	1992	2002	rBV2	459947	749506	25.18%	4.104%
13	16.276	2237	2245	2257	rBV	922408	1480798	49.75%	8.108%
14	17.533	2452	2459	2473	rBV	607784	960769	32.28%	5.261%
15	18.384	2599	2604	2614	rBV3	36057	74321	2.50%	0.407%
16	20.123	2894	2900	2911	rBV	2298761	2976202	100.00%	16.297%
17	21.410	3114	3119	3134	rBV2	84581	215471	7.24%	1.180%
18	21.821	3181	3189	3203	rBV	607167	1080518	36.31%	5.916%
19	21.968	3208	3214	3219	rVB	41602	64797	2.18%	0.355%
20	22.596	3314	3321	3326	rBV2	65594	110838	3.72%	0.607%
21	23.313	3437	3443	3450	rVB2	83507	154393	5.19%	0.845%
22	24.147	3576	3585	3596	rVB	82869	195400	6.57%	1.070%
23	25.199	3756	3764	3780	rVB2	317607	994326	33.41%	5.445%
24	26.333	3945	3957	3965	rBV4	45703	142832	4.80%	0.782%
25	27.742	4189	4197	4198	rBV6	23567	46724	1.57%	0.256%

Sum of corrected areas: 18262793

LSC Report - Integrated Chromatogram

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Misc :
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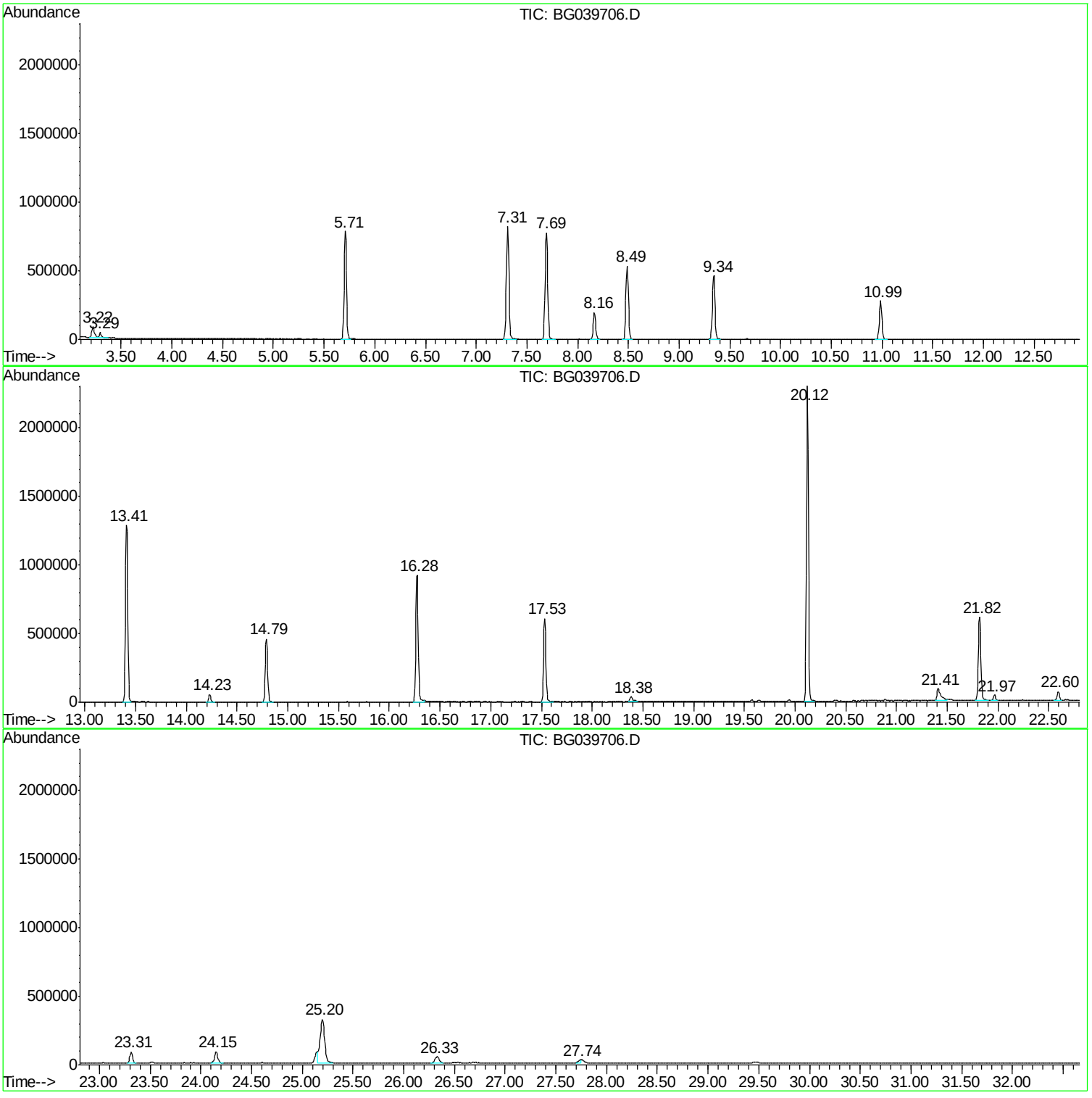
Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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 : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
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Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

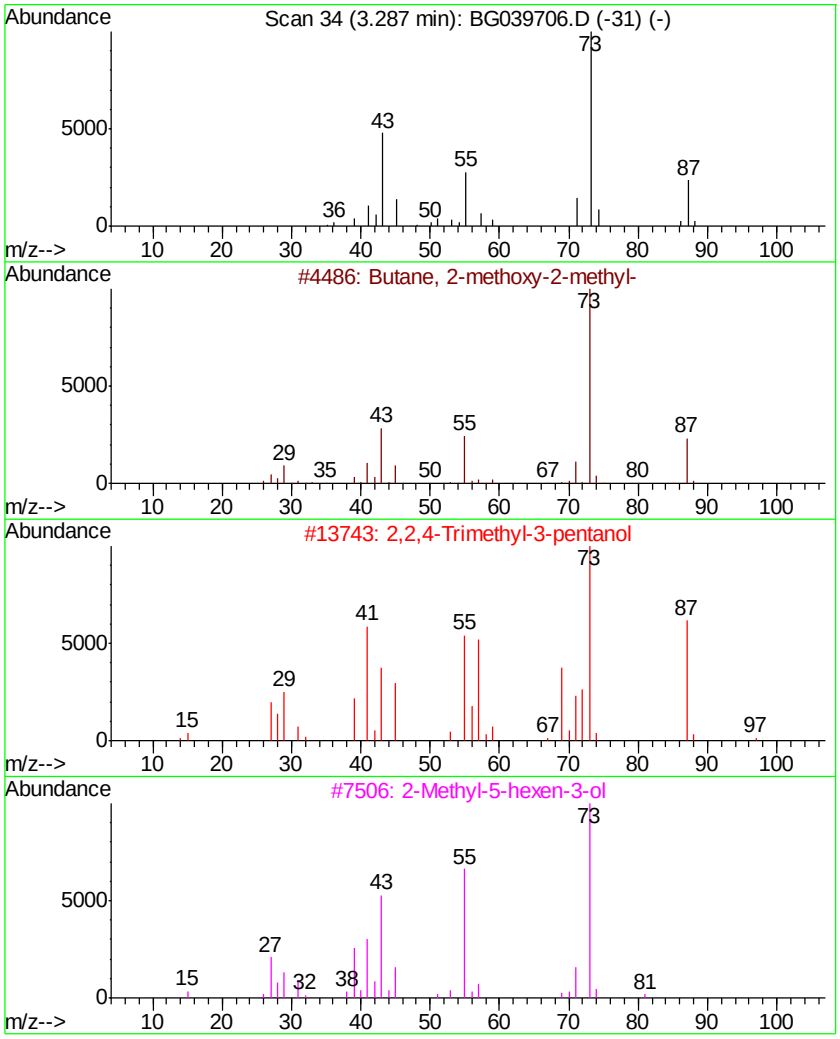
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

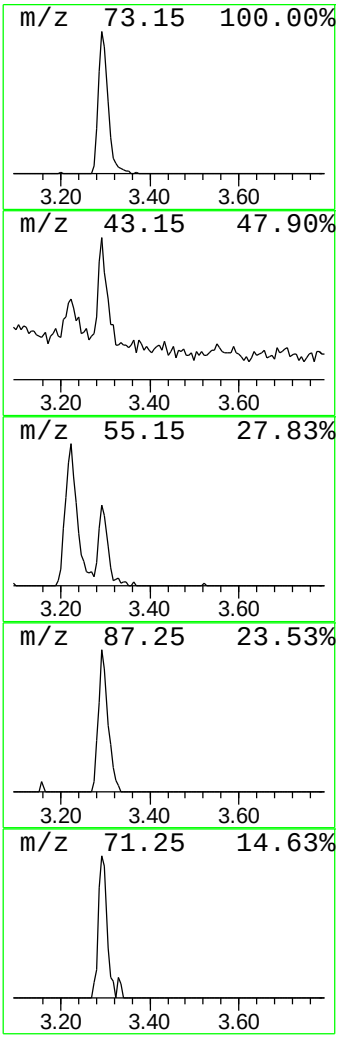
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	3.48 ng	59022	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12





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Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

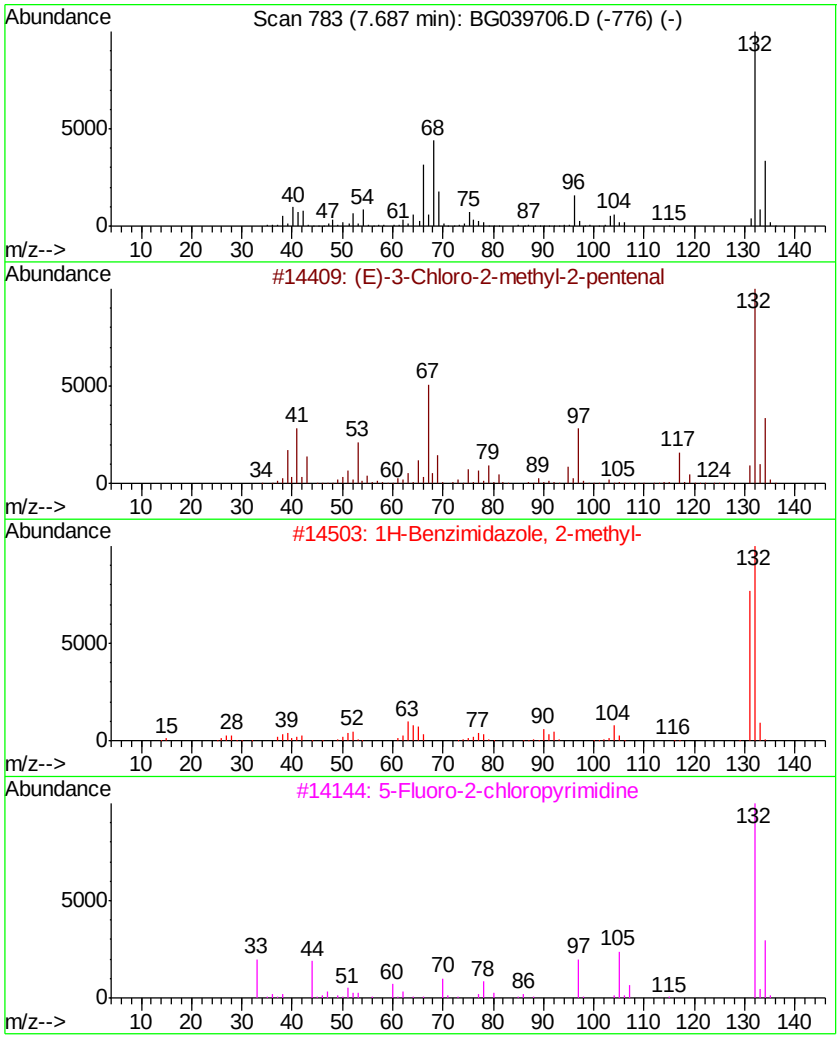
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

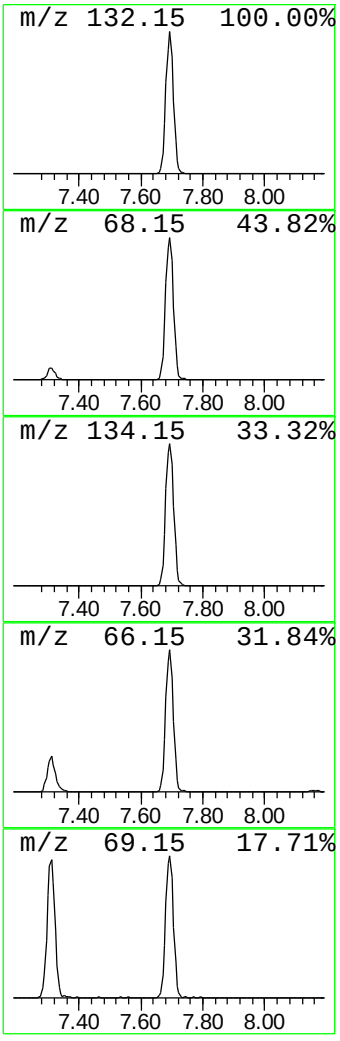
****

Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	78.97 ng	1339320	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

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Sample : K1675-41
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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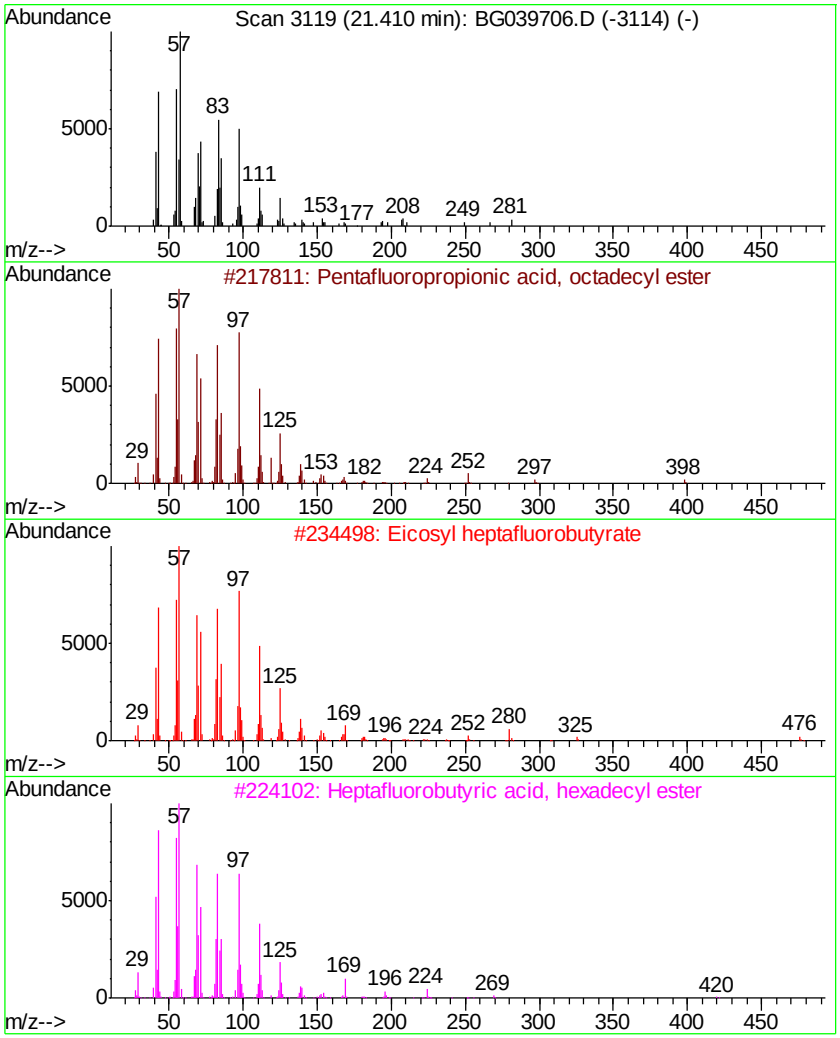
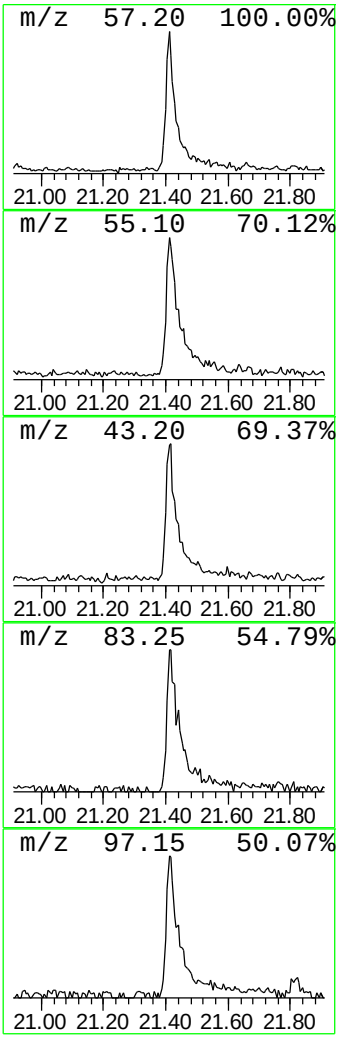
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.99 ng	215471	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





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Sample : K1675-41
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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TIC Library : C:\Database\NIST11.L
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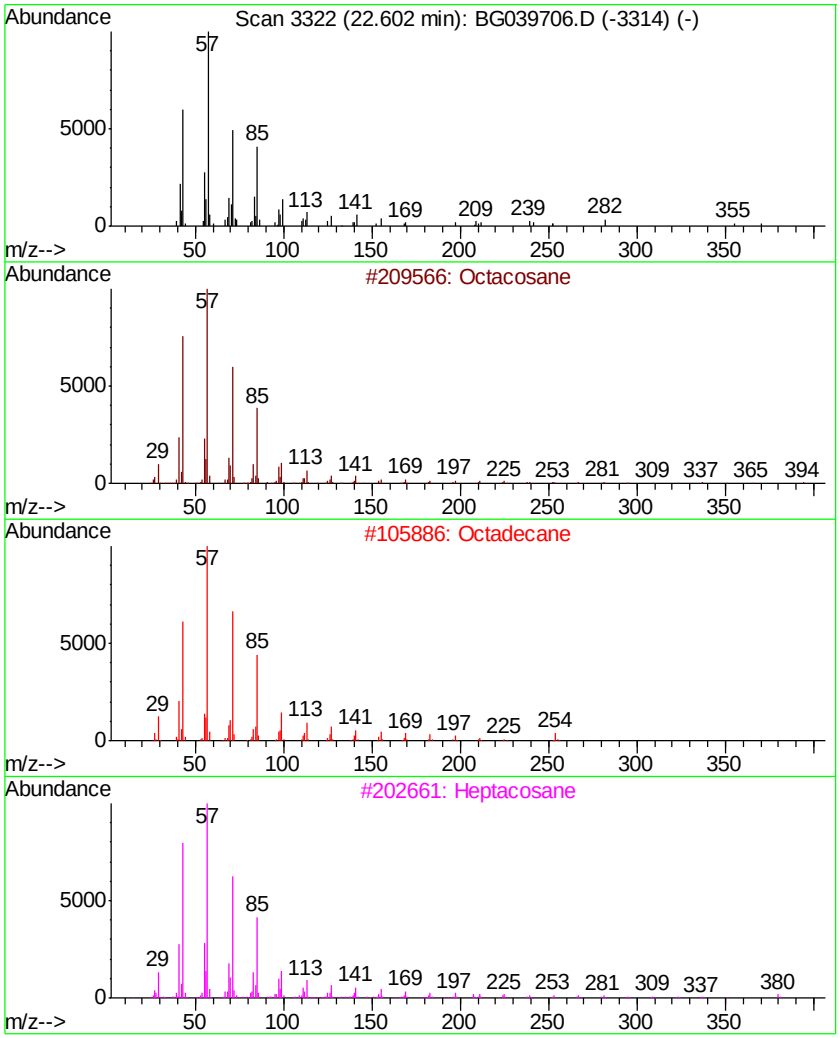
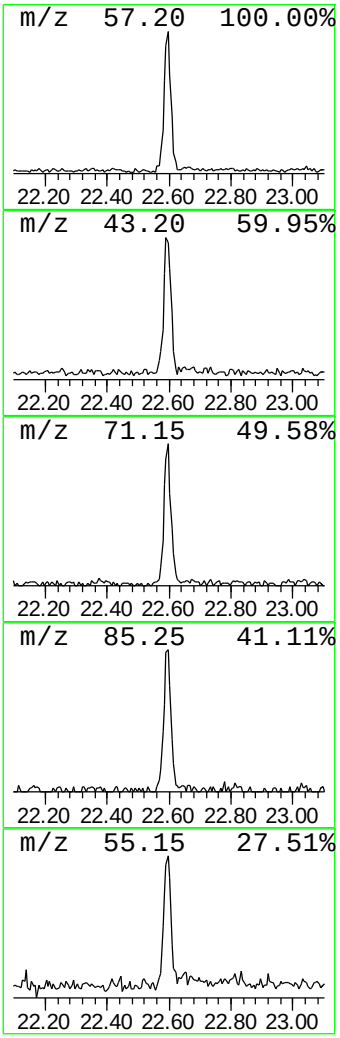
****

Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.05 ng	110838	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Misc :
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Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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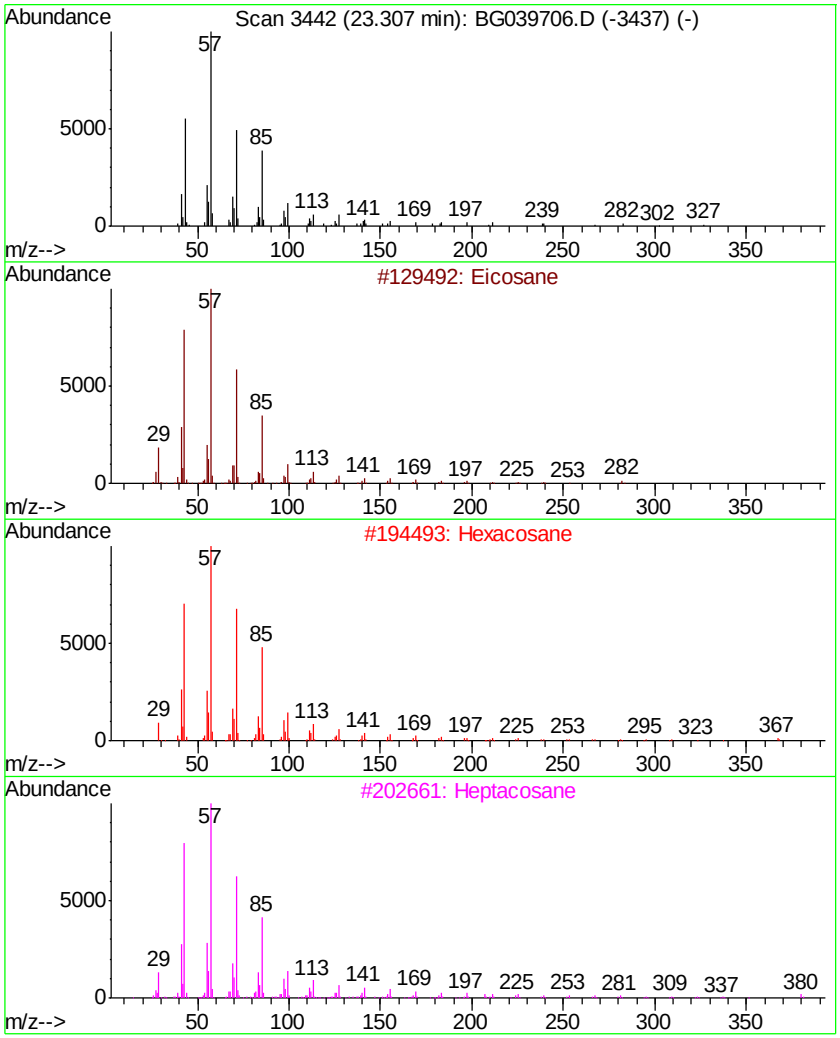
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

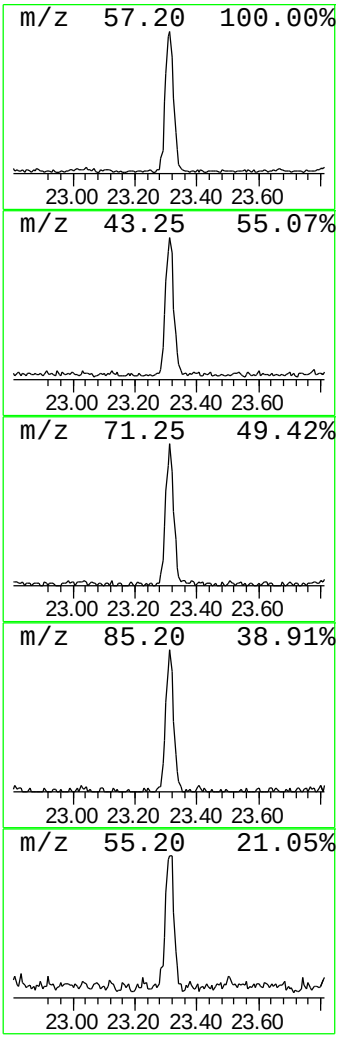
****

Peak Number 7 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	2.86 ng	154393	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	90





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Misc :
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Instrument : BNA_G
ClientSampleId : Z-3-14-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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TIC Library : C:\Database\NIST11.L
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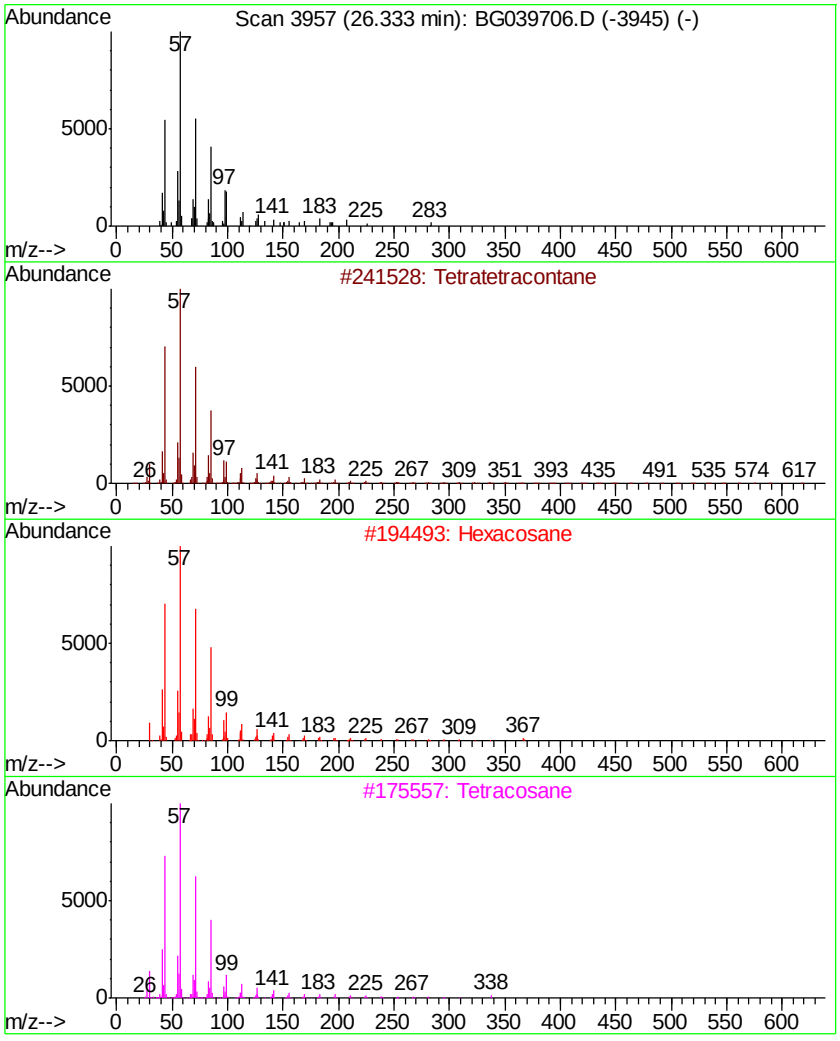
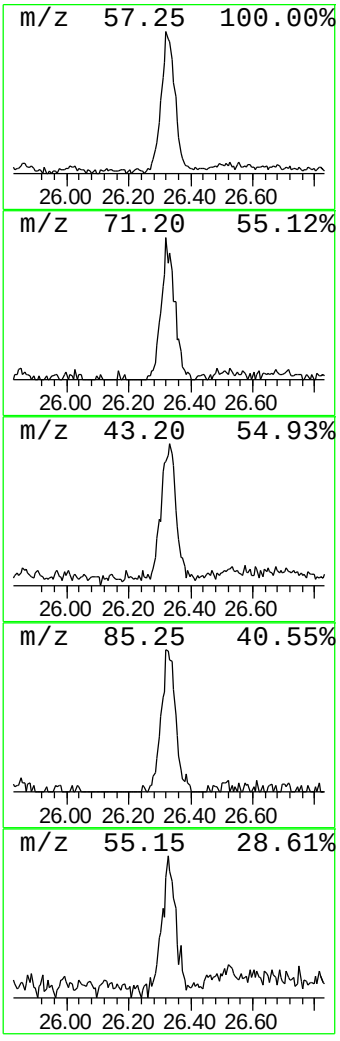
****

Peak Number 9 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	2.87 ng	142832	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Octacosane	394	C28H58	000630-02-4	81
5	Heneicosane	296	C21H44	000629-94-7	80





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.29	3.5	ng	59022	1	8.16	339217	20.0
unknown7.69	7.69	79.0	ng	1339320	1	8.16	339217	20.0
Pentafluoropropio...	21.41	4.0	ng	215471	5	21.82	1080520	20.0
Octacosane	22.60	2.0	ng	110838	5	21.82	1080520	20.0
Eicosane	23.31	2.9	ng	154393	5	21.82	1080520	20.0
Tetratetracontane	26.33	2.9	ng	142832	6	25.20	994326	20.0