LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039842.D
Acq On : 11 Mar 2019 15:14
Operator : JU/SJ
Sample : K1807-31
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13

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	3.211	15	21	29	rBV	118372	231440	9.59%	1.603%
2	3.281	29	33	46	rVB	43375	67143	2.78%	0.465%
3	5.696	437	444	454	rBV	585405	930725	38.59%	6.448%
4	7.299	709	717	727	rBV	627191	1119686	46.42%	7.757%
5	7.681	775	782	793	rBV	586036	1004171	41.63%	6.956%
6	8.157	856	863	873	rVB	143534	251150	10.41%	1.740%
7	8.480	910	918	925	rBV	389573	666420	27.63%	4.617%
8	9.332	1055	1063	1074	rBV	358696	637039	26.41%	4.413%
9	10.977	1334	1343	1352	rVB	202174	368002	15.26%	2.549%
10	13.403	1749	1756	1764	rBV	891425	1379761	57.20%	9.558%
11	14.219	1890	1895	1903	rVB	72782	107860	4.47%	0.747%
12	14.778	1982	1990	2003	rBV3	355451	578497	23.98%	4.008%
13	16.264	2237	2243	2252	rBV	817284	1253991	51.99%	8.687%
14	17.521	2451	2457	2469	rBV2	496992	782384	32.44%	5.420%
15	18.373	2596	2602	2607	rBV2	41573	61073	2.53%	0.423%
16	20.117	2893	2899	2906	rBV	1885567	2412127	100.00%	16.710%
17	21.404	3112	3118	3128	rBV2	40656	96320	3.99%	0.667%
18	21.809	3180	3187	3198	rVB	537299	930343	38.57%	6.445%
19	21.956	3207	3212	3217	rBV	29725	39524	1.64%	0.274%
20	22.585	3313	3319	3325	rBV	51145	81036	3.36%	0.561%
21	23.295	3434	3440	3447	rVB	66017	120738	5.01%	0.836%
22	24.135	3575	3583	3592	rVB2	63967	139702	5.79%	0.968%
23	25.181	3743	3761	3774	rBV2	282714	1013107	42.00%	7.018%
24	26.297	3941	3951	3960	rBV3	38565	117513	4.87%	0.814%
25	27.719	4183	4193	4194	rBV5	20080	45603	1.89%	0.316%

Sum of corrected areas: 14435355

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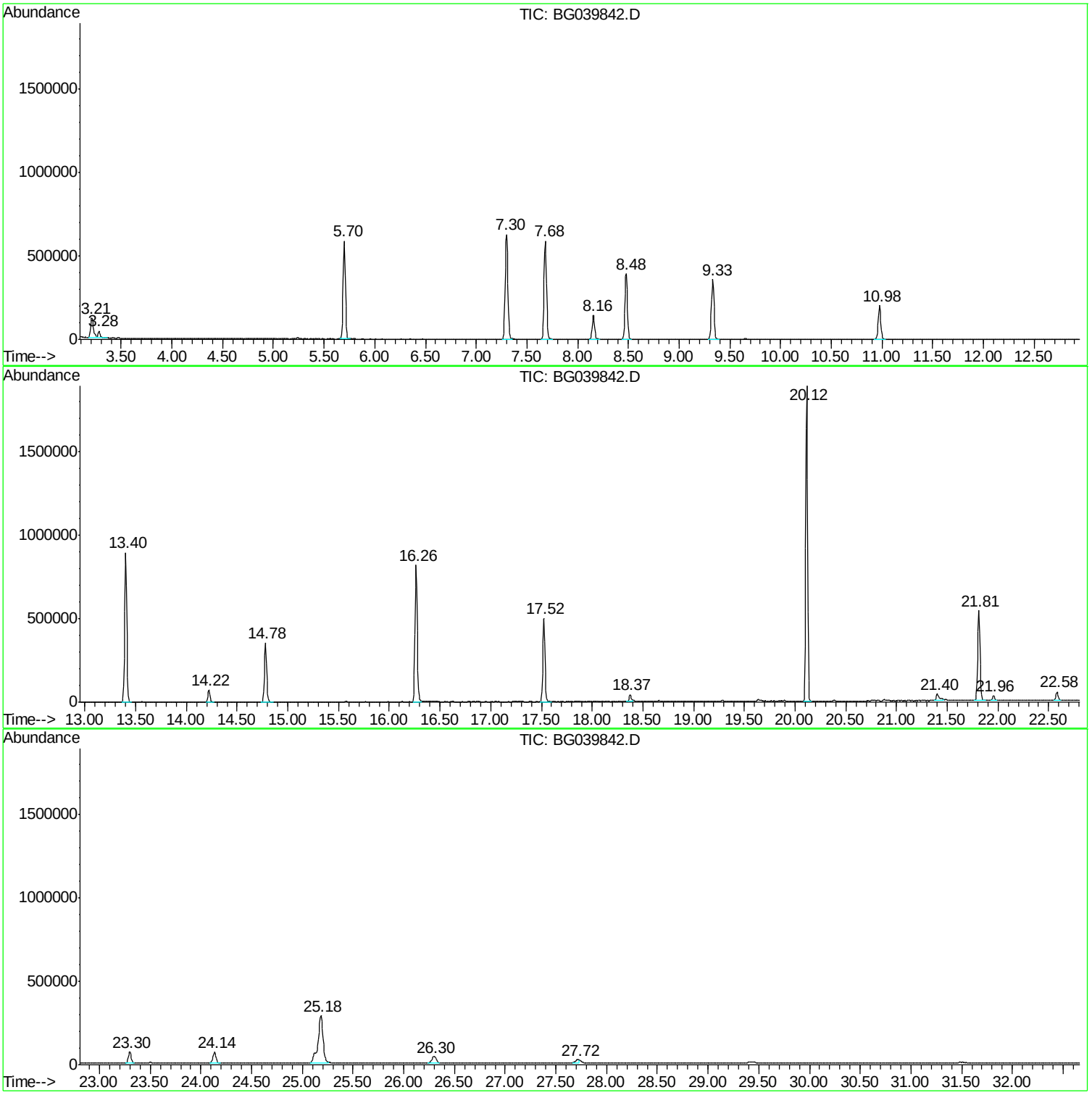
Instrument :
BNA_G
ClientSampleId :
TP-13

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



Library Search Compound Report

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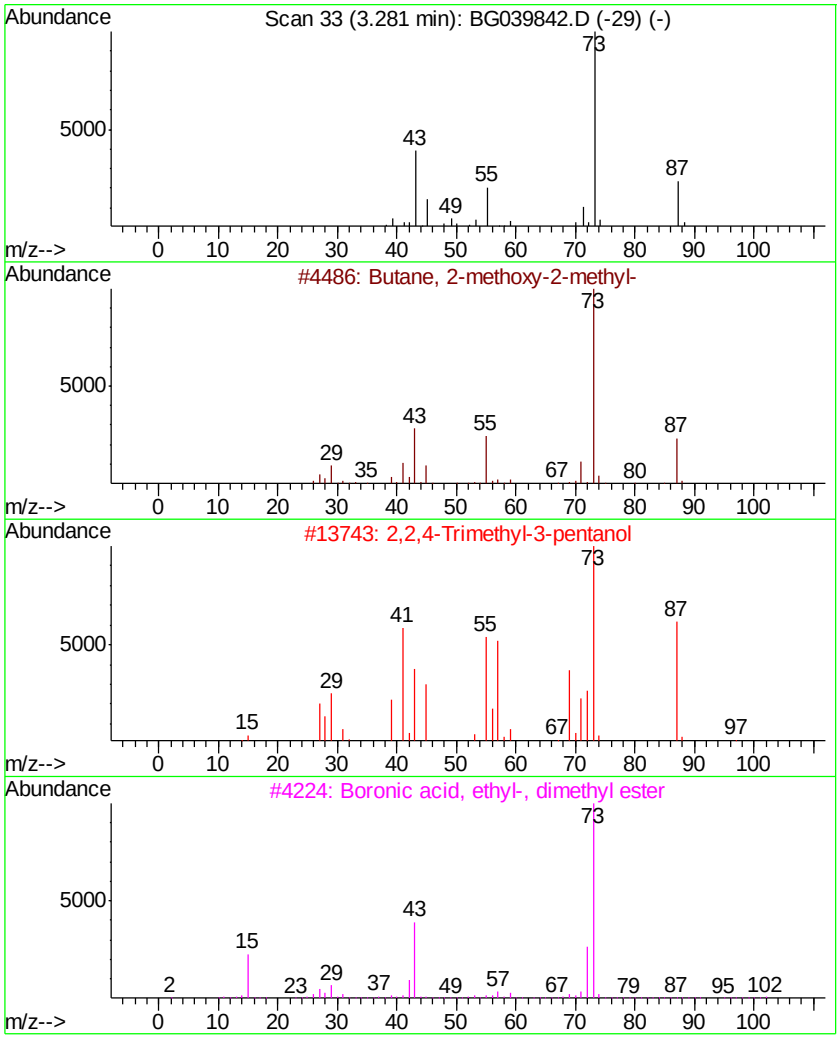
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

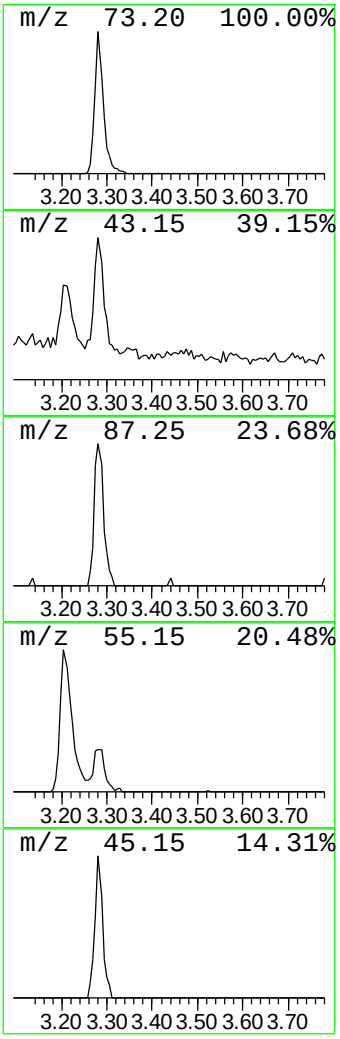
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	5.35 ng	67143	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	56
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Library Search Compound Report

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Sample : K1807-31
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13

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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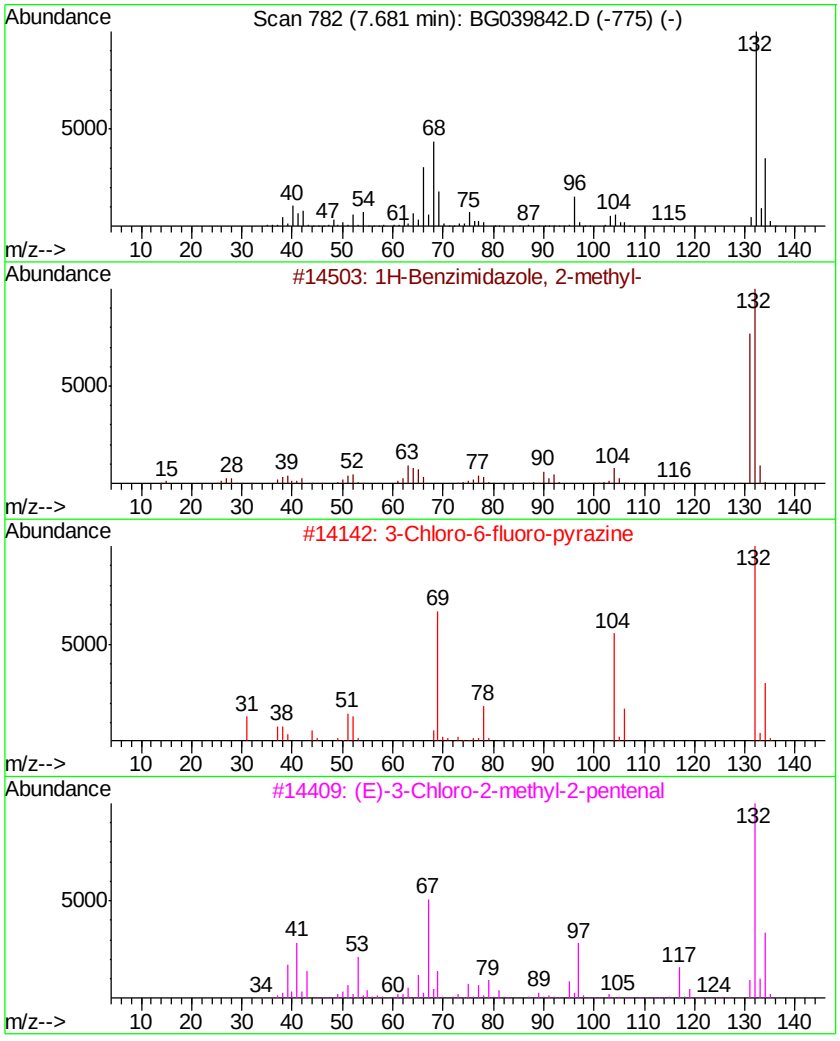
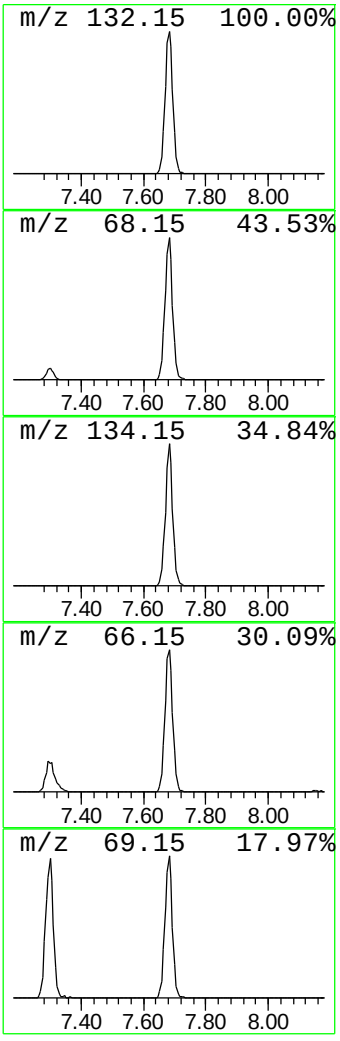
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	79.97 ng	1004170	1,4-Dichlorobenzene-d4	8.16

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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Operator : JU/SJ
Sample : K1807-31
Misc :
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Instrument : BNA_G
ClientSampleId : TP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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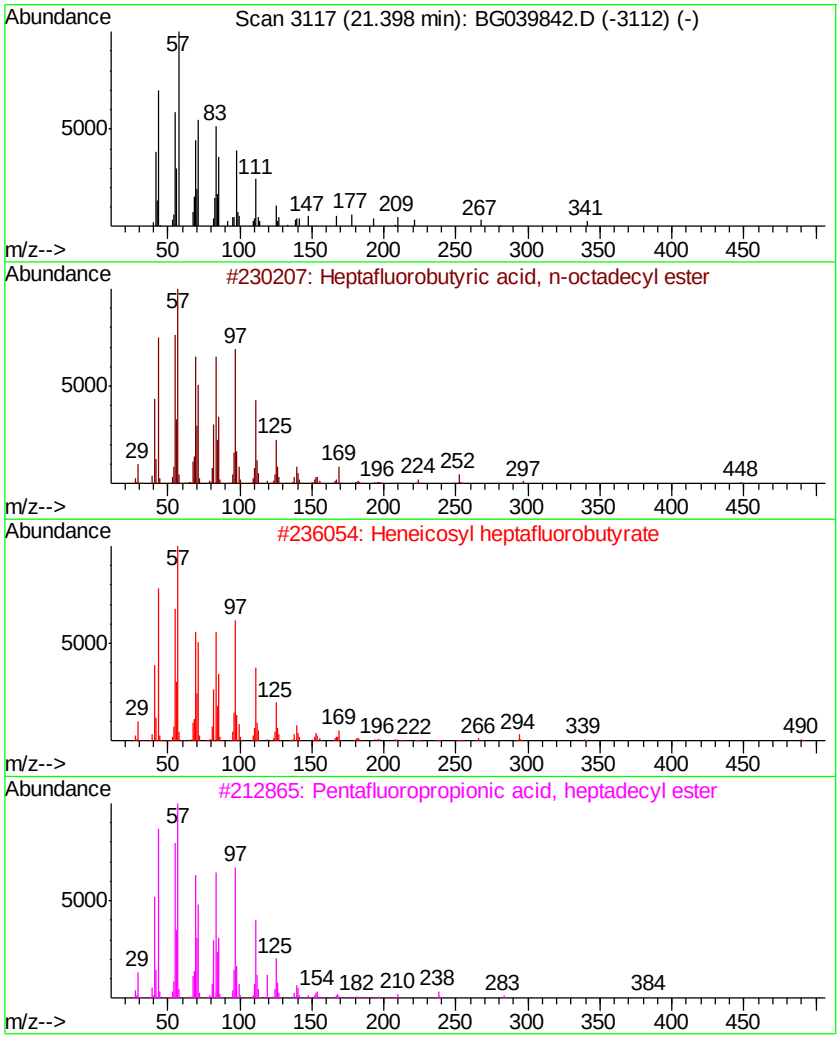
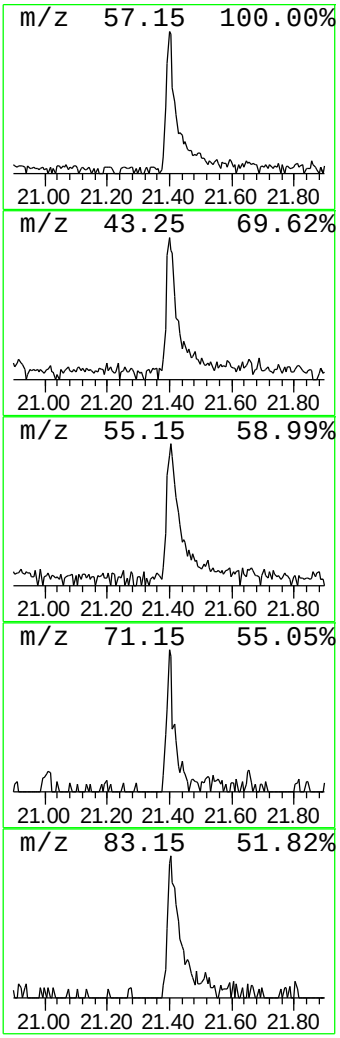
Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.07 ng	96320	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	86
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	86
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	86





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-13

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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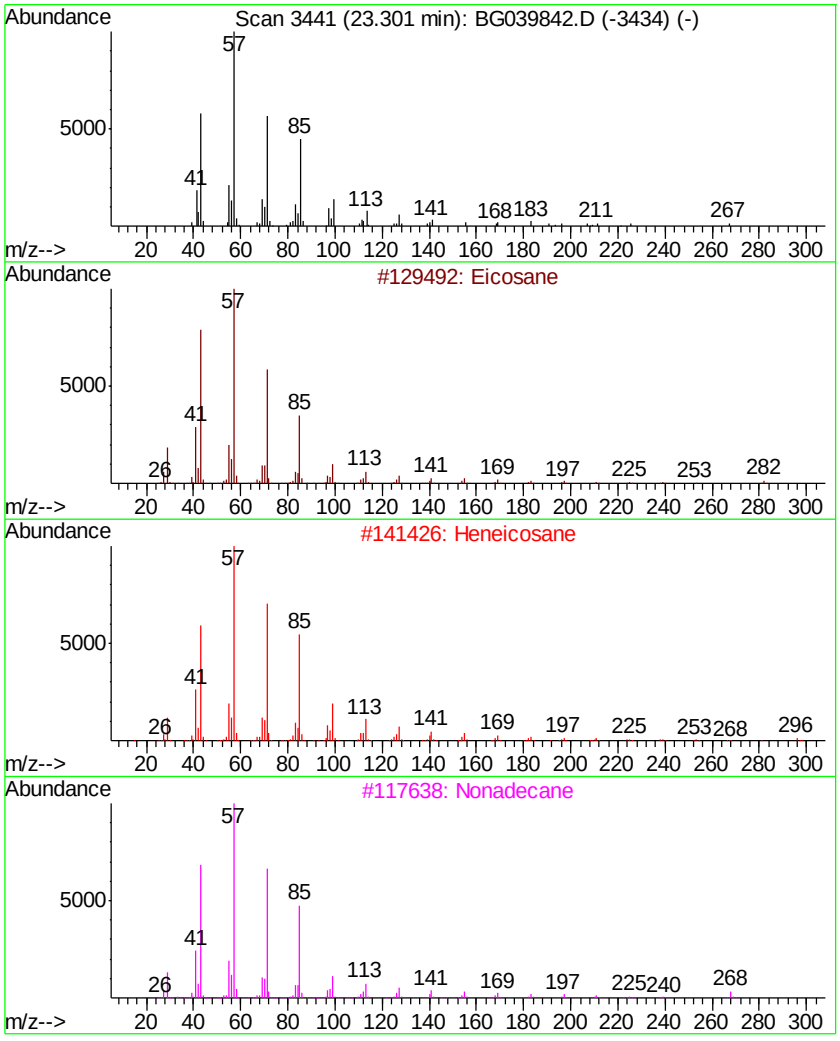
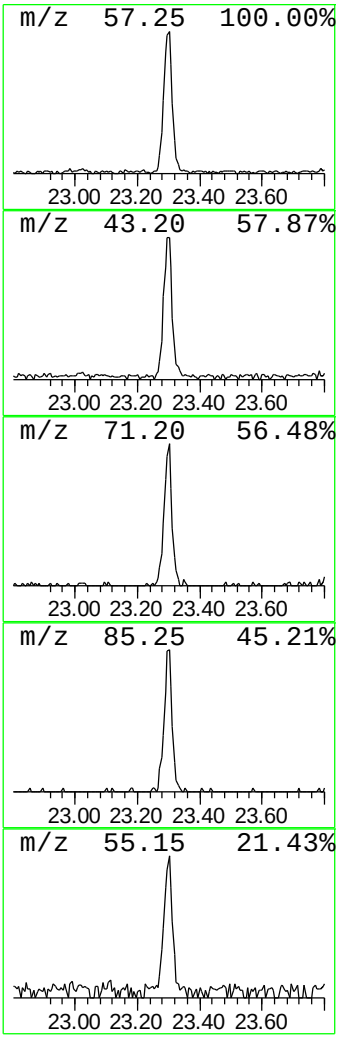
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	2.60 ng	120738	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	87
3	Nonadecane	268	C19H40	000629-92-5	83
4	Docosane	310	C22H46	000629-97-0	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
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Operator : JU/SJ
Sample : K1807-31
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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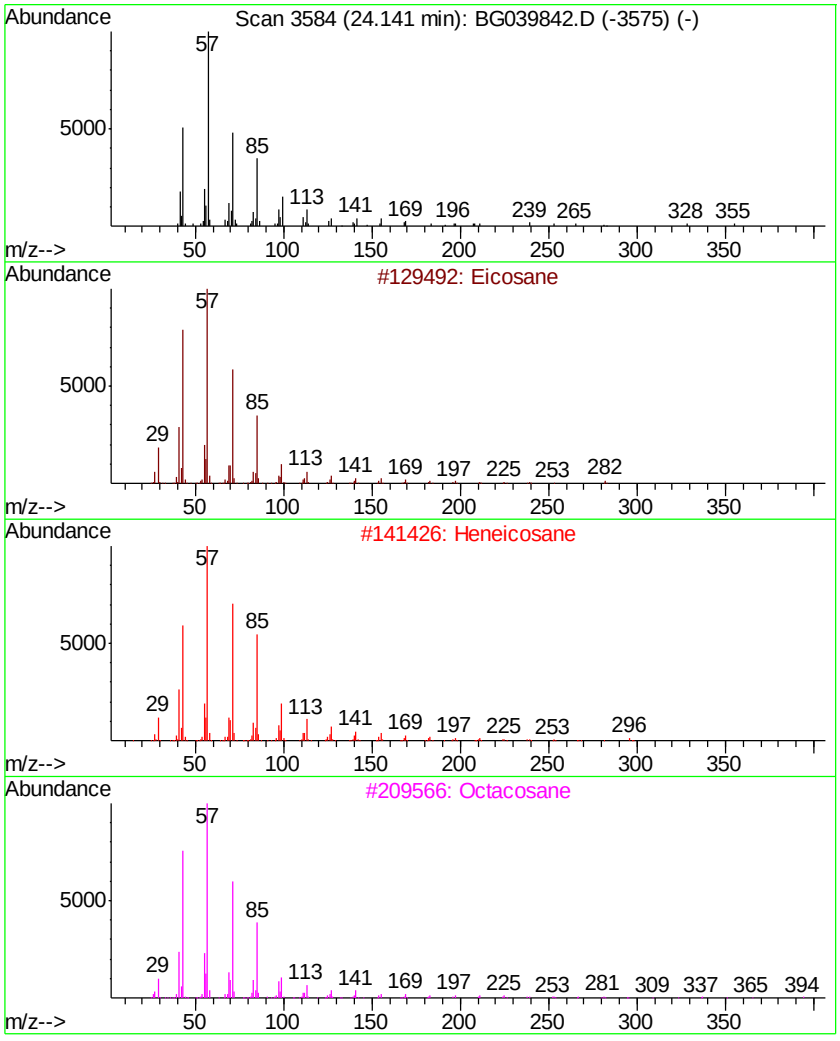
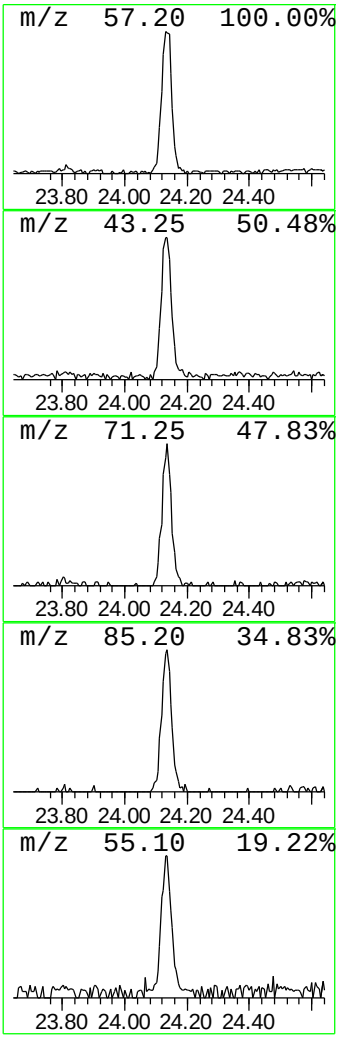
****

Peak Number 7 unknown24.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.76 ng	139702	Perylene-d12	25.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-13

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TIC Library : C:\Database\NIST11.L
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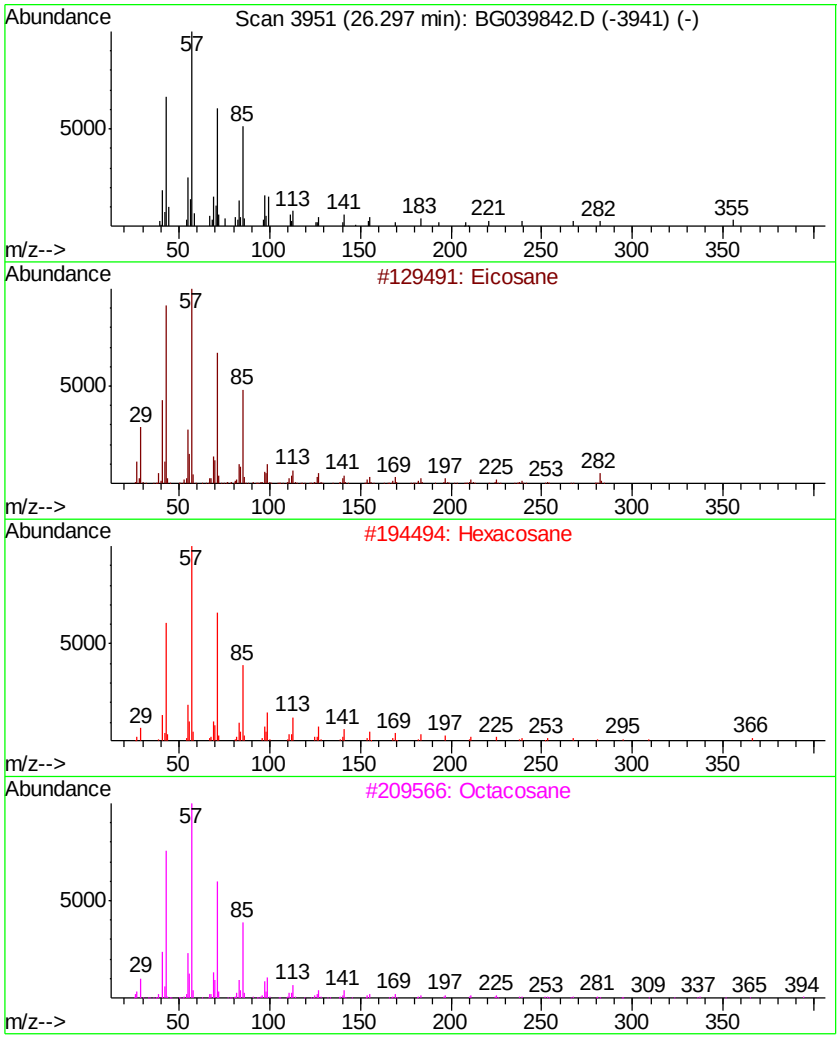
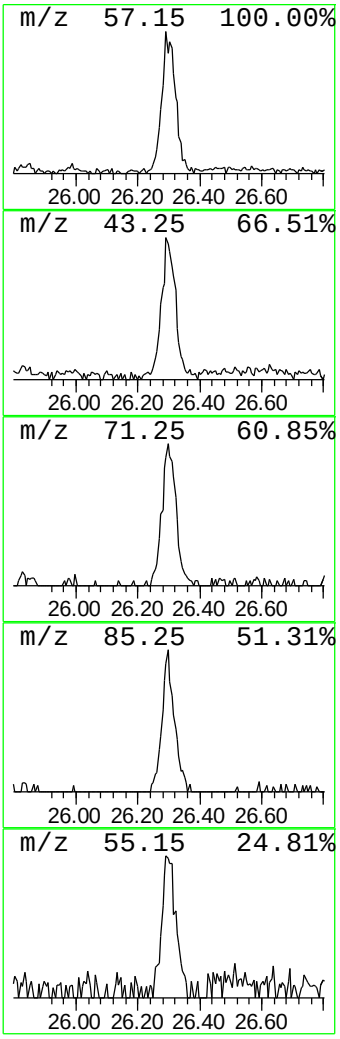
****

Peak Number 8 unknown26.30 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.30	2.32 ng	117513	Perylene-d12	25.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





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...	3.28	5.3	ng	67143	1	8.16	251150	20.0
unknown7.68	7.68	80.0	ng	1004170	1	8.16	251150	20.0
Heptafluorobutyri...	21.40	2.1	ng	96320	5	21.81	930343	20.0
Eicosane	23.30	2.6	ng	120738	5	21.81	930343	20.0
unknown24.14	24.14	2.8	ng	139702	6	25.19	1013110	20.0
unknown26.30	26.30	2.3	ng	117513	6	25.19	1013110	20.0