LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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	3.217	17	22	31	rBV	89491	185946	4.35%	0.729%
2	3.293	31	35	42	rVB	63391	90417	2.11%	0.354%
3	5.714	437	447	456	rBV	1196712	1936793	45.28%	7.588%
4	7.118	681	686	691	rBV	34407	51495	1.20%	0.202%
5	7.317	709	720	734	rBV	1201481	2309503	54.00%	9.049%
6	7.693	776	784	792	rBV	1137501	1977603	46.24%	7.748%
7	8.169	858	865	875	rVB	191677	347377	8.12%	1.361%
8	8.492	912	920	928	rVB	790321	1390365	32.51%	5.447%
9	8.657	942	948	954	rBV5	16032	43380	1.01%	0.170%
10	8.792	965	971	979	rBV4	30013	61817	1.45%	0.242%
11	9.344	1057	1065	1074	rVB	701097	1265361	29.58%	4.958%
12	10.989	1336	1345	1357	rVB	265413	521830	12.20%	2.045%
13	11.095	1357	1363	1368	rVB4	30558	57093	1.33%	0.224%
14	13.415	1750	1758	1765	rBV	1748174	2763895	64.62%	10.829%
15	14.232	1888	1897	1903	rBV	128525	188337	4.40%	0.738%
16	14.790	1984	1992	1999	rBV2	450025	716366	16.75%	2.807%
17	16.276	2237	2245	2253	rBV	1673706	2540934	59.41%	9.955%
18	17.533	2453	2459	2473	rBV	628580	993204	23.22%	3.891%
19	18.385	2599	2604	2614	rBV2	137946	222331	5.20%	0.871%
20	19.648	2814	2819	2828	rBV6	25451	51339	1.20%	0.201%
21	20.124	2894	2900	2907	rBV	3041895	4277100	100.00%	16.758%
22	21.416	3115	3120	3134	rBV	131748	288279	6.74%	1.129%
23	21.669	3157	3163	3169	rVB	279351	396214	9.26%	1.552%
24	21.821	3182	3189	3197	rBV2	617348	1060526	24.80%	4.155%
25	21.968	3209	3214	3219	rVB2	33538	46613	1.09%	0.183%
26	22.597	3316	3321	3328	rBV	44886	74015	1.73%	0.290%
27	23.319	3437	3444	3449	rBV2	54360	99762	2.33%	0.391%
28	23.519	3471	3478	3484	rBV	70392	136102	3.18%	0.533%
29	24.153	3580	3586	3594	rVB2	53171	115187	2.69%	0.451%
30	25.199	3746	3764	3777	rBV2	345163	1177390	27.53%	4.613%
31	26.333	3948	3957	3966	rBV4	30185	88474	2.07%	0.347%
32	27.766	4194	4201	4211	rVB7	16504	47976	1.12%	0.188%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-2(8-9)

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

Sum of corrected areas: 25523024

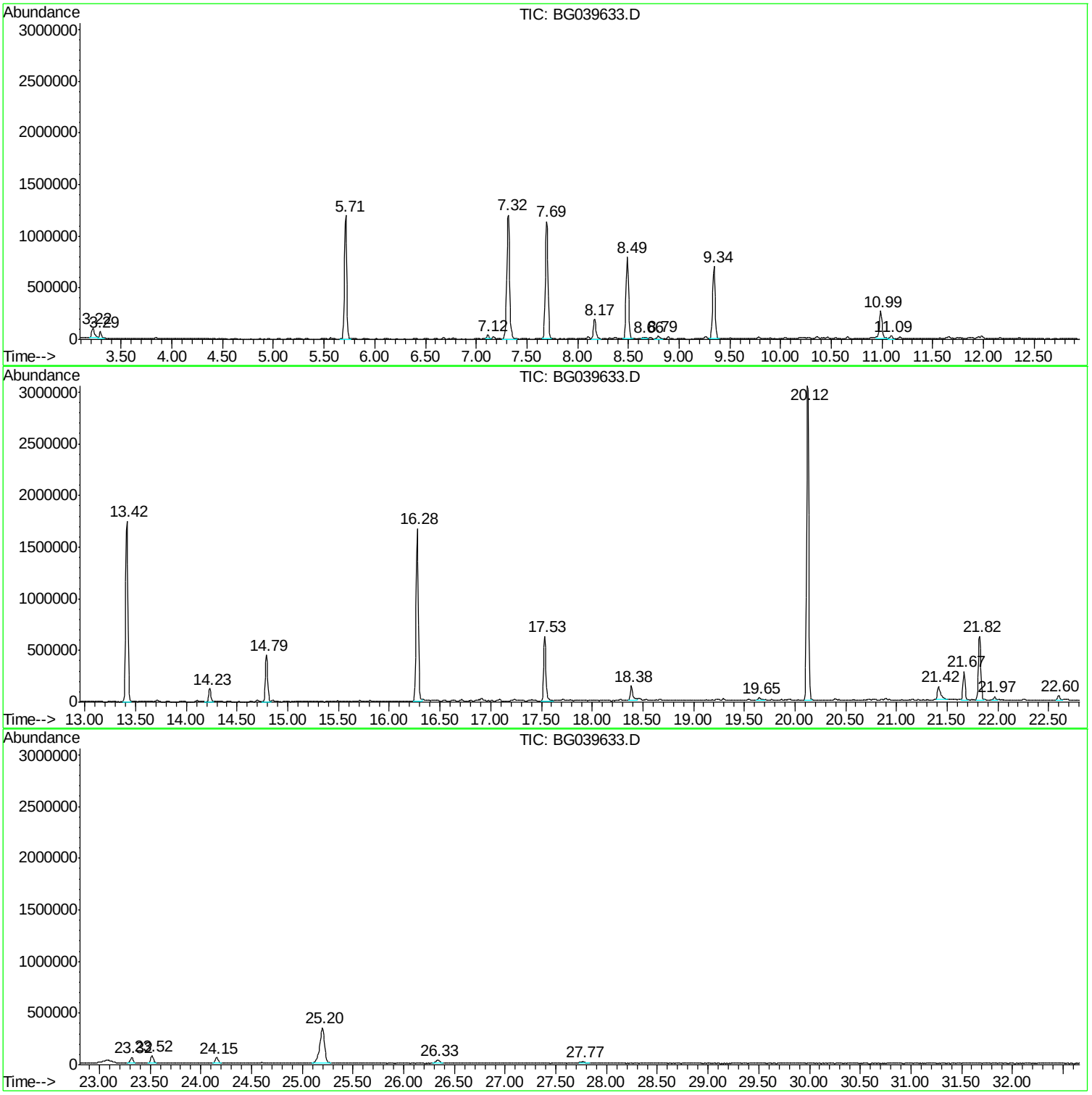
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

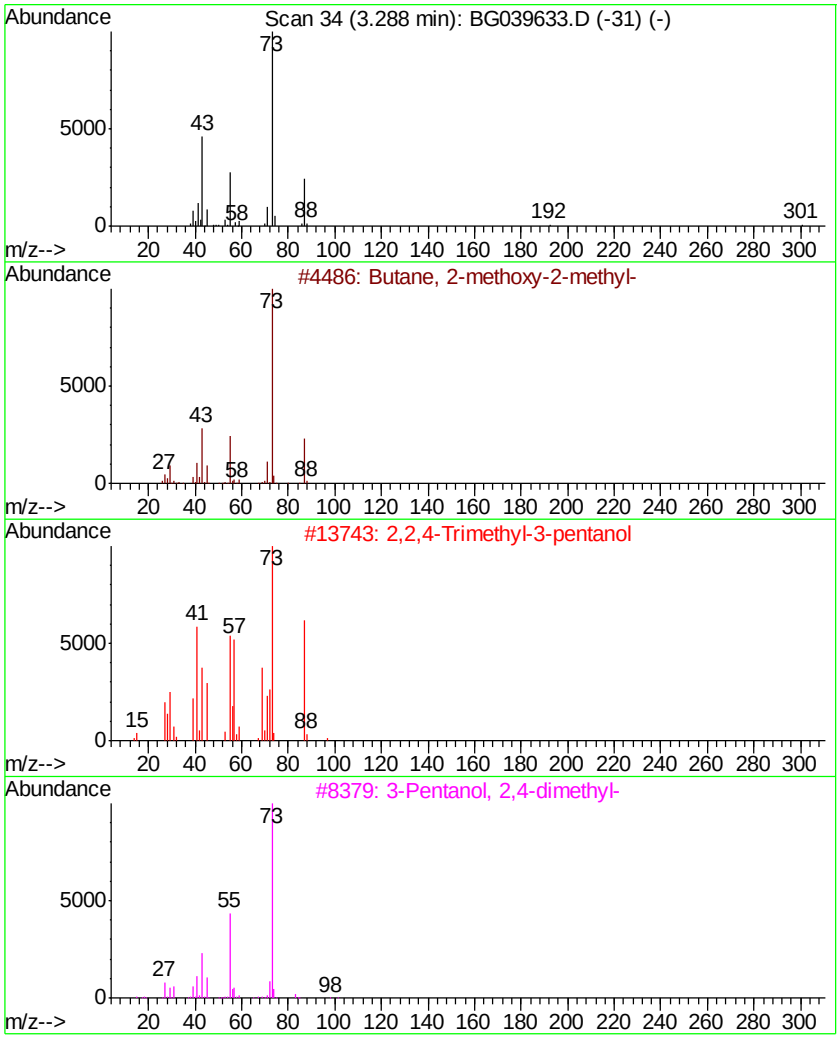
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

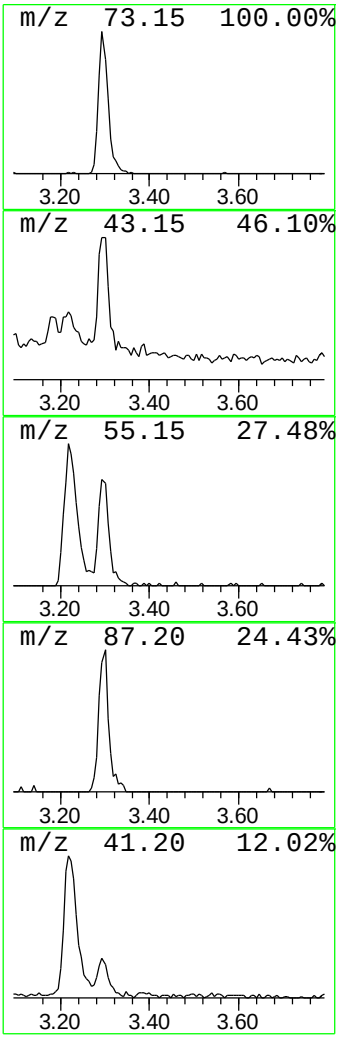
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	5.21 ng	90417	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

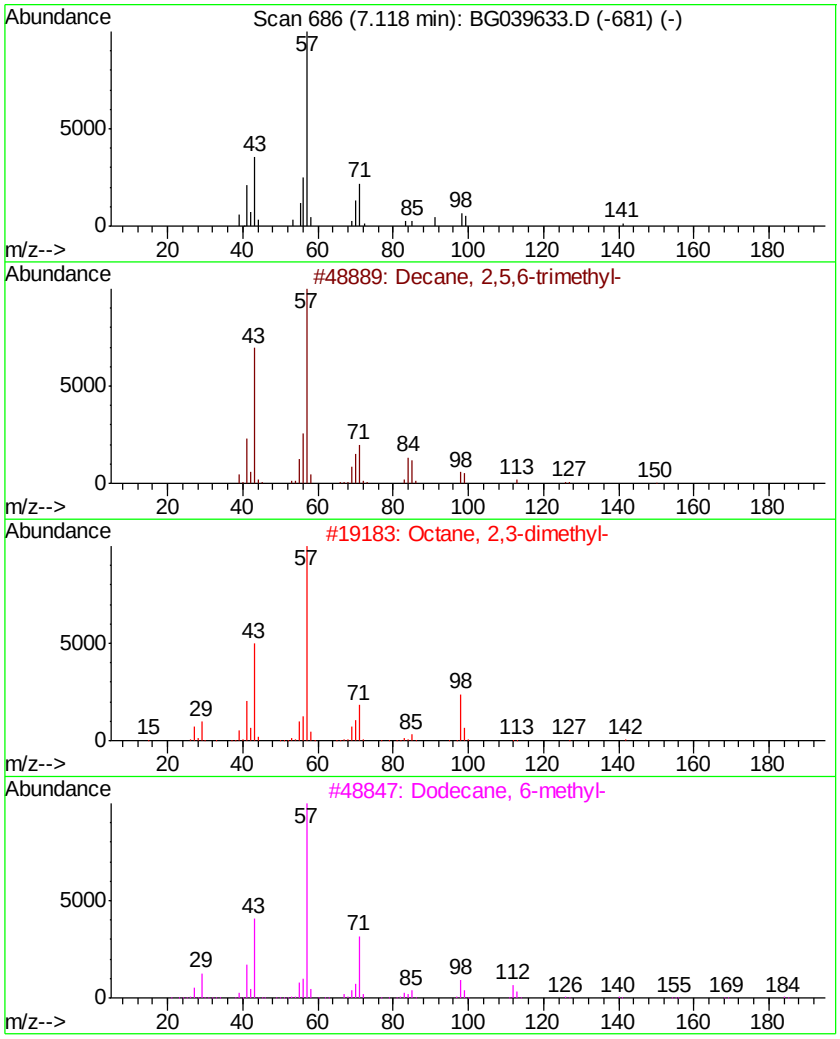
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

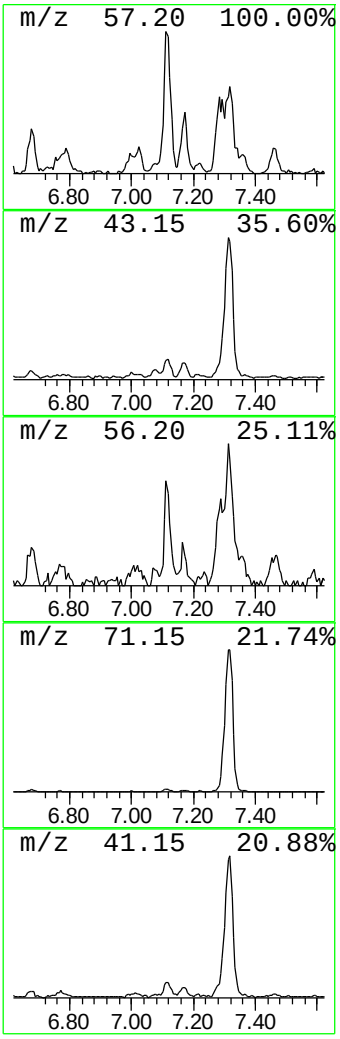
****

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	2.96 ng	51495	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	47
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

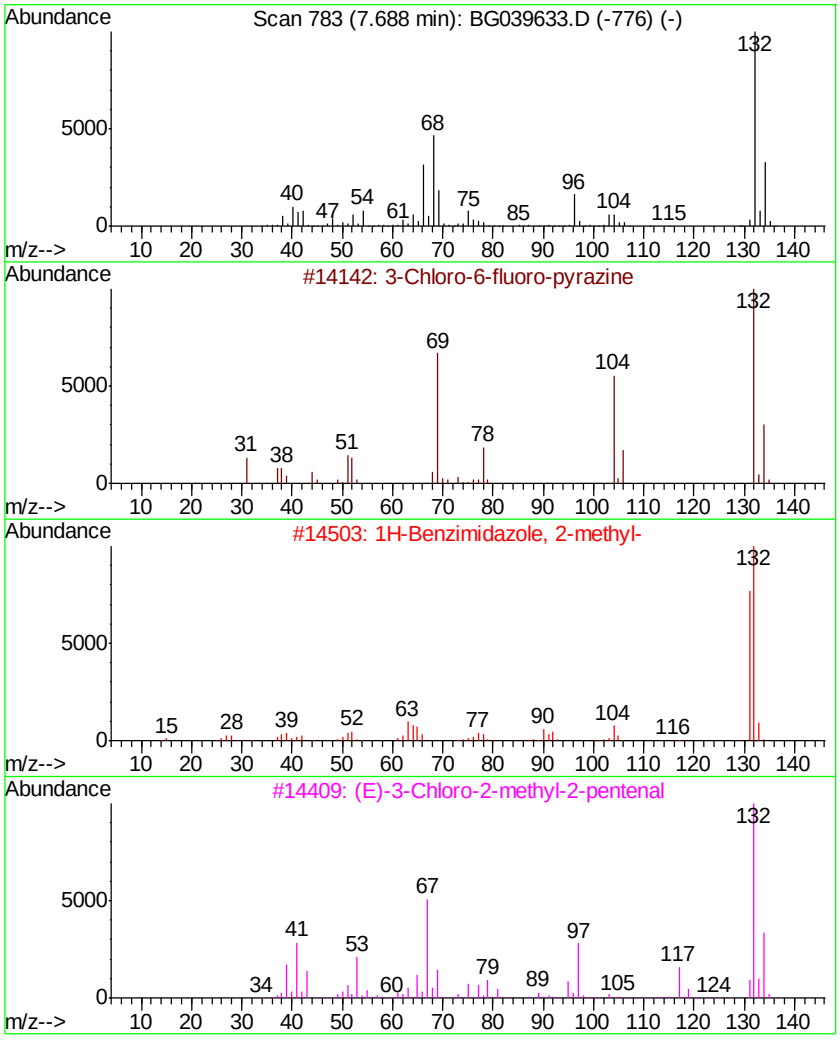
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

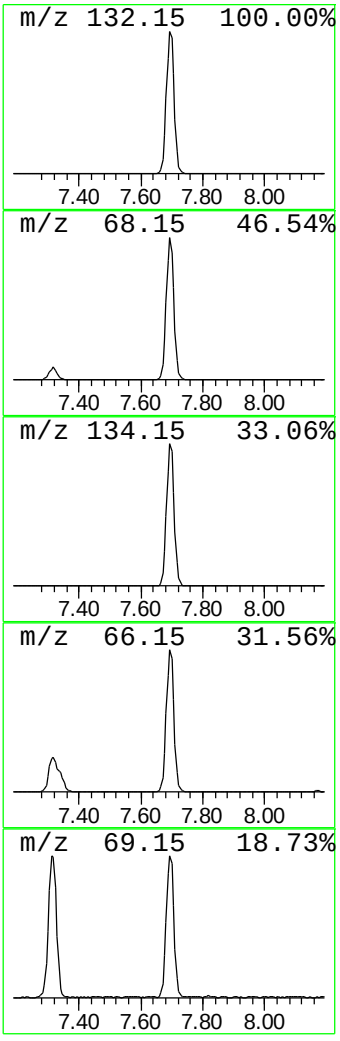
****

Peak Number 4 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	113.86 ng	1977600	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

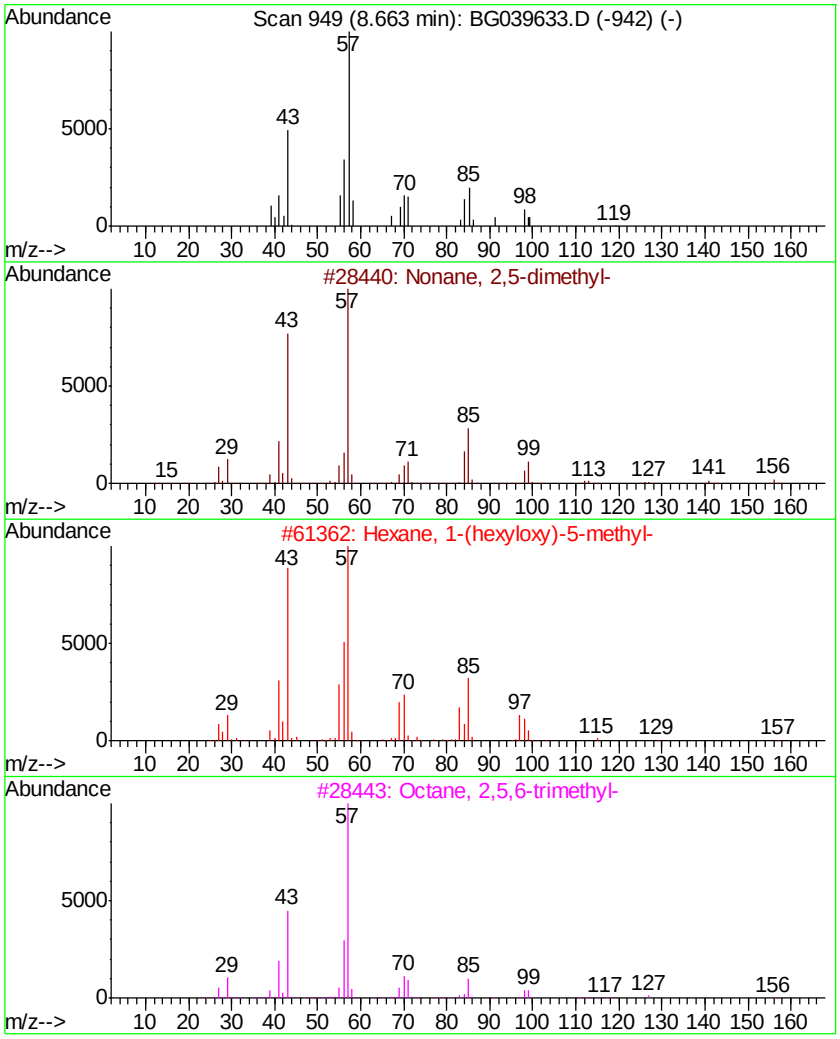
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

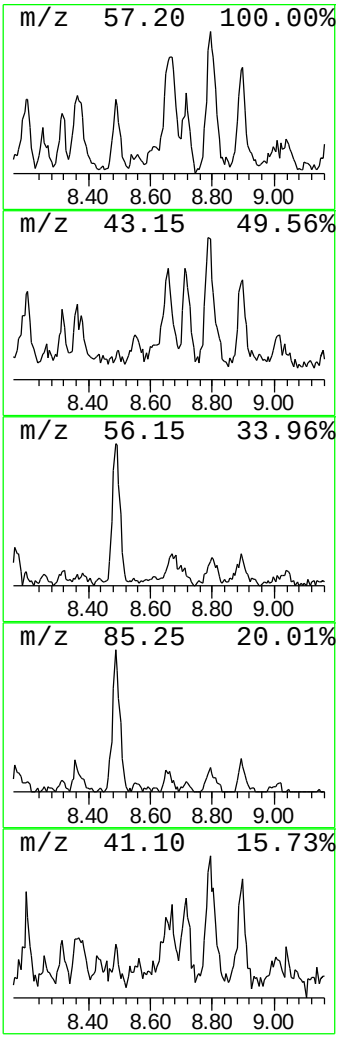
****

Peak Number 6 unknown8.66 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	2.50 ng	43380	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	47
2	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	40
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	38
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

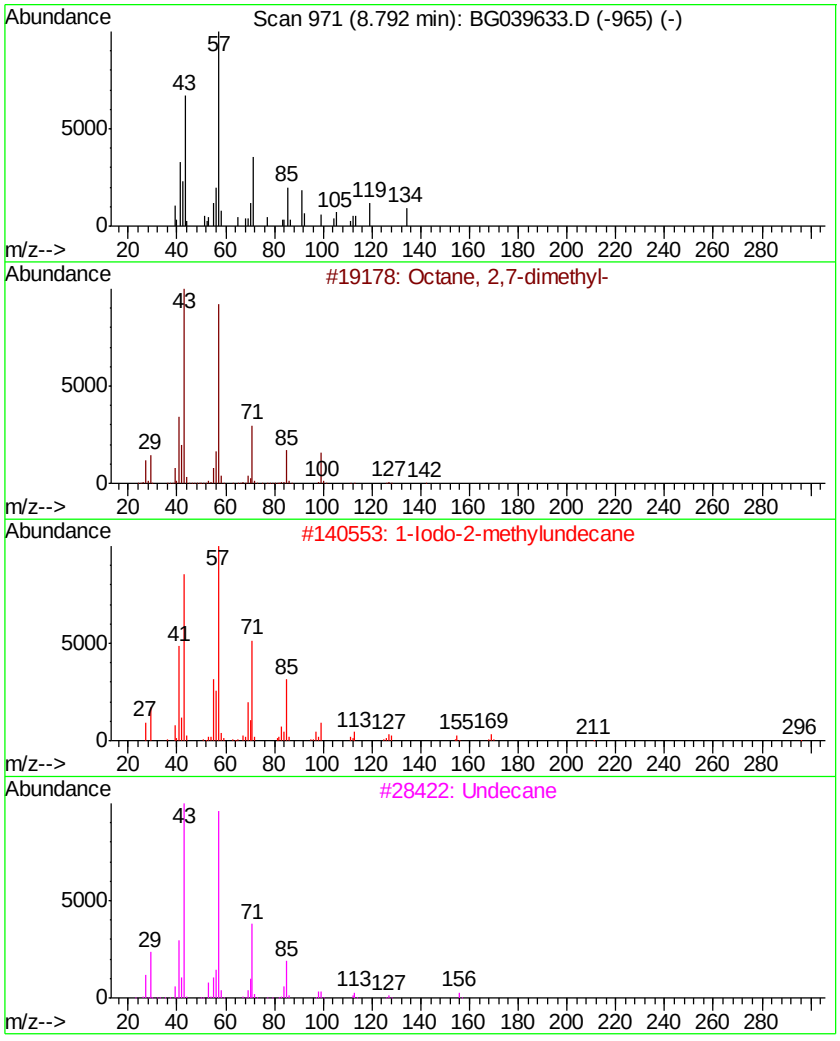
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

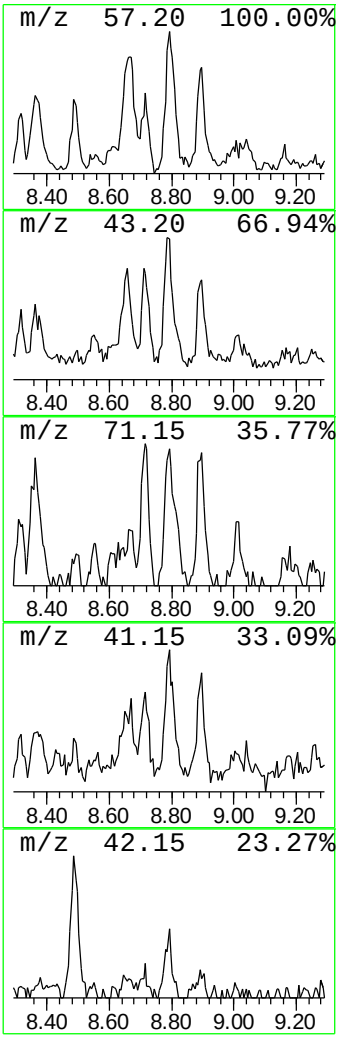
****

Peak Number 7 unknown8.79 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	3.56 ng	61817	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
3	Undecane	156	C11H24	001120-21-4	43
4	Hexatriacontane	507	C36H74	000630-06-8	43
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

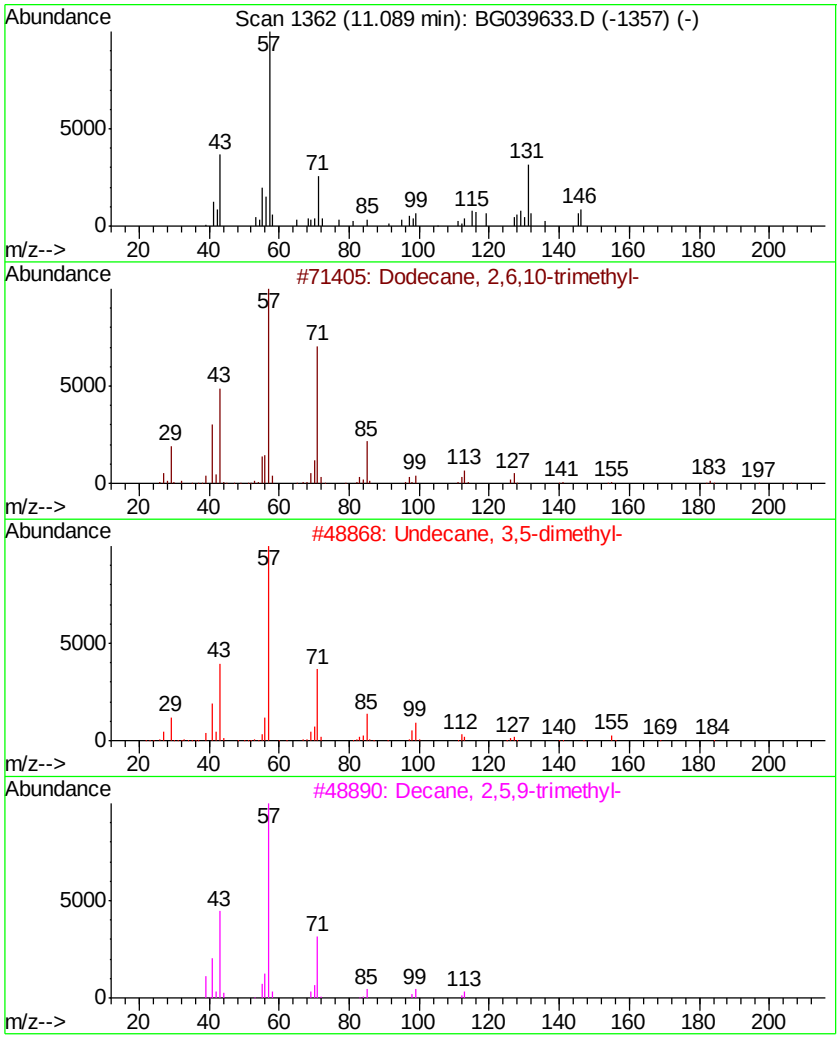
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

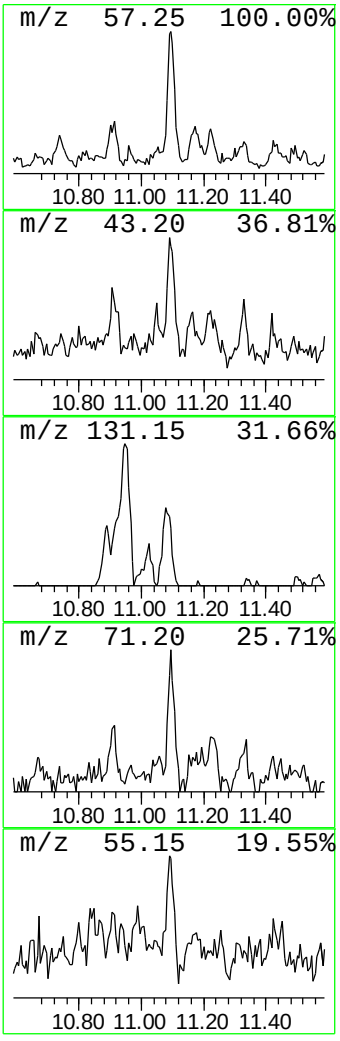
****

Peak Number 8 unknown11.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.19 ng	57093	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	35
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	35
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	27
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

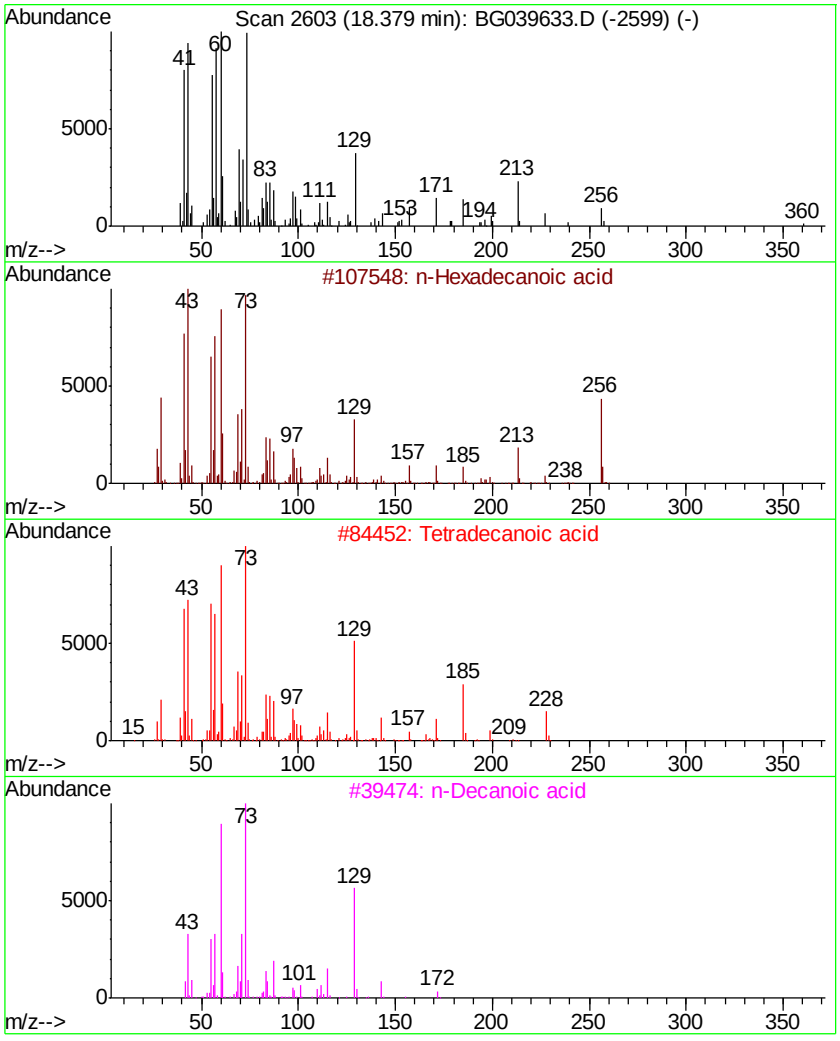
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

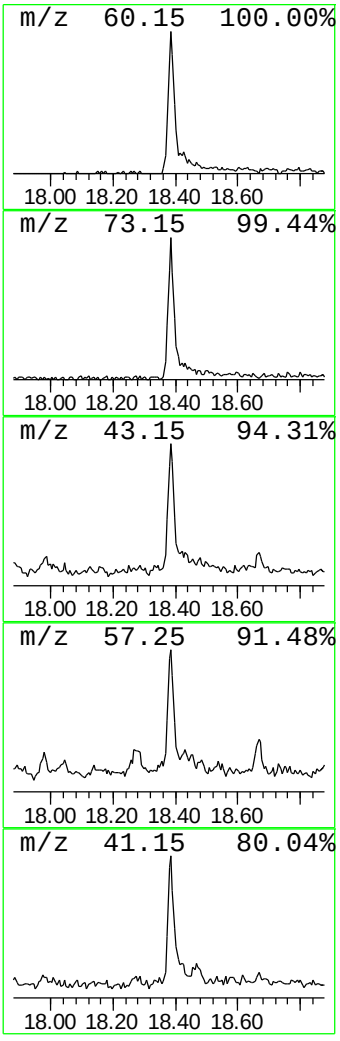
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.48 ng	222331	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

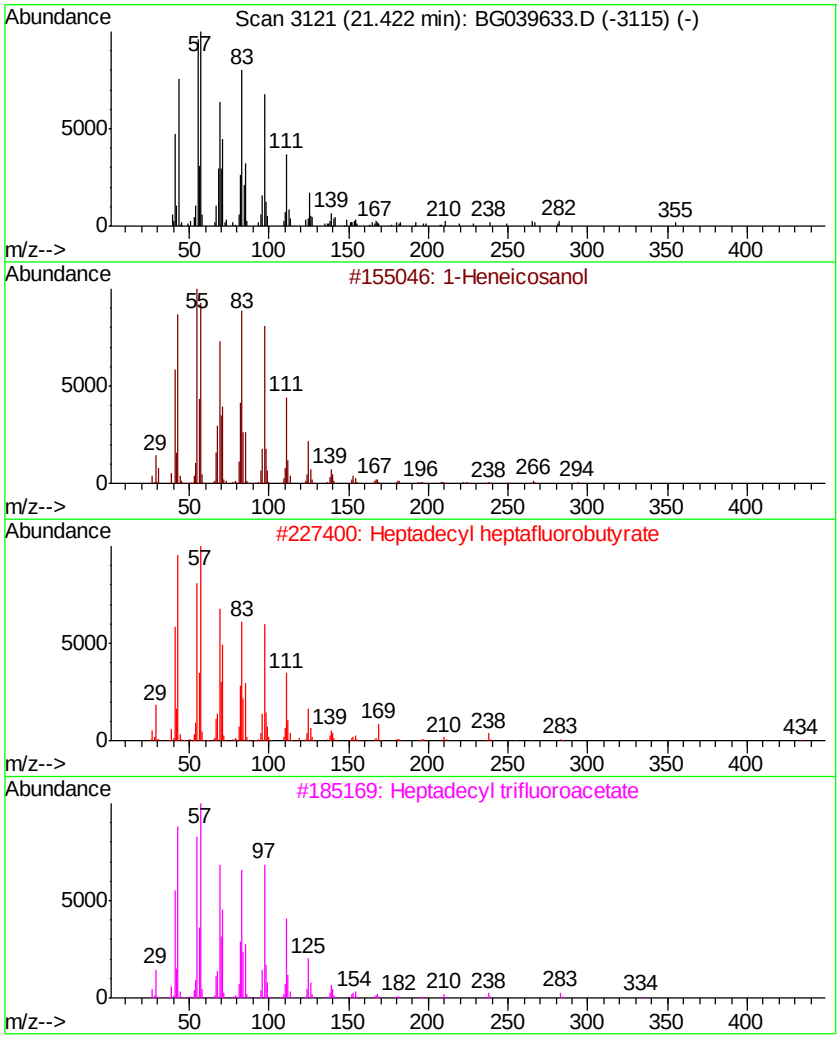
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

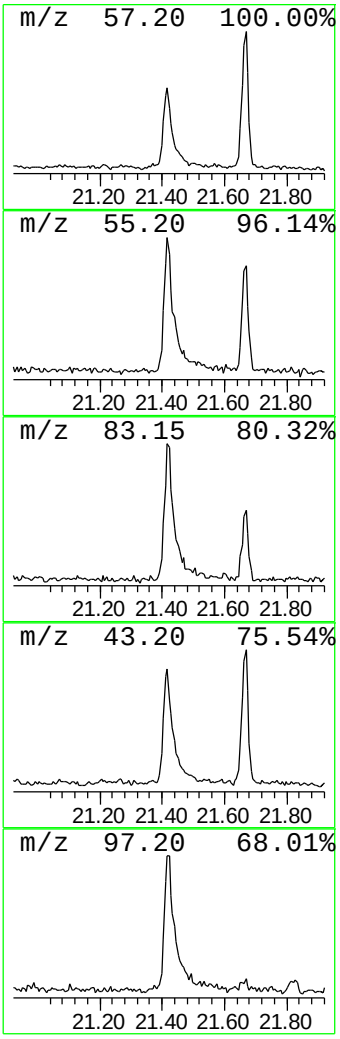
****

Peak Number 10 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	5.44 ng	288279	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

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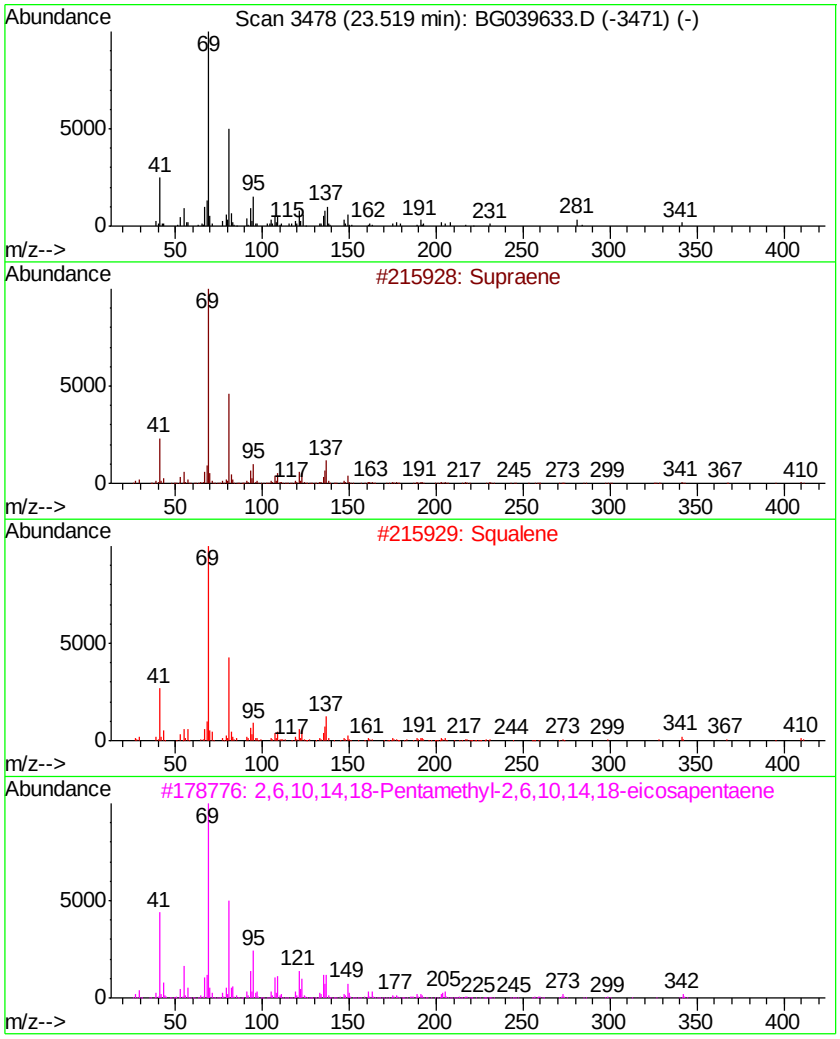
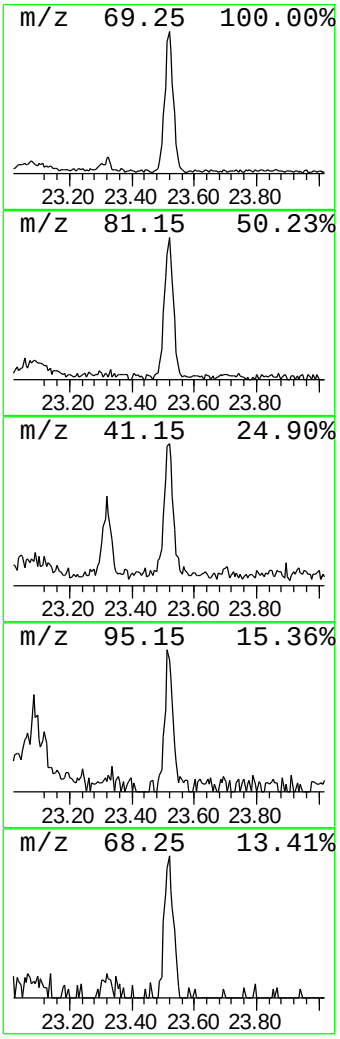
Peak Number 11 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.31 ng	136102	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	000111-02-4	87
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	64
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
Data File : BG039633.D
Acq On : 27 Feb 2019 14:00
Operator : JU/SJ
Sample : K1594-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(8-9)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	5.2	ng	90417	1	8.17	347377	20.0
Decane, 2,5,6-tri...	7.12	3.0	ng	51495	1	8.17	347377	20.0
unknown7.69	7.69	113.9	ng	1977600	1	8.17	347377	20.0
unknown8.66	8.66	2.5	ng	43380	1	8.17	347377	20.0
unknown8.79	8.79	3.6	ng	61817	1	8.17	347377	20.0
unknown11.09	11.09	2.2	ng	57093	2	10.98	521830	20.0
n-Hexadecanoic acid	18.38	4.5	ng	222331	4	17.53	993204	20.0
1-Heneicosanol	21.42	5.4	ng	288279	5	21.82	1060530	20.0
Supraene	23.52	2.3	ng	136102	6	25.20	1177390	20.0