LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

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-BG101818.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	5.185	319	323	331	rVB2	21459	37900	1.43%	0.222%
2	5.585	386	391	396	rBV	74208	123547	4.66%	0.724%
3	5.644	396	401	408	rVV	203545	333991	12.61%	1.958%
4	5.720	408	414	426	rVB	345054	766487	28.94%	4.494%
5	6.096	471	478	485	rBV	181481	308967	11.66%	1.812%
6	6.719	579	584	593	rBV	36576	64040	2.42%	0.376%
7	7.248	666	674	676	rBV	155097	289962	10.95%	1.700%
8	7.630	731	739	747	rBV	345933	614522	23.20%	3.603%
9	8.105	814	820	833	rVB2	210782	392395	14.81%	2.301%
10	8.429	868	875	887	rVB	436168	792199	29.91%	4.645%
11	9.281	1011	1020	1031	rBV	410070	745931	28.16%	4.374%
12	10.926	1292	1300	1309	rBV	317728	590736	22.30%	3.464%
13	13.358	1706	1714	1723	rBV	1088433	1783613	67.33%	10.458%
14	14.181	1846	1854	1861	rBV	155320	233955	8.83%	1.372%
15	14.739	1942	1949	1959	rVB2	545991	899403	33.95%	5.274%
16	16.225	2195	2202	2212	rBV2	552294	855782	32.31%	5.018%
17	17.489	2408	2417	2425	rBV	695493	1131799	42.73%	6.636%
18	18.217	2536	2541	2550	rBV6	26950	48167	1.82%	0.282%
19	18.346	2557	2563	2572	rBV2	228436	362949	13.70%	2.128%
20	18.429	2574	2577	2582	rVB	19486	29168	1.10%	0.171%
21	19.222	2706	2712	2723	rBV6	29598	74879	2.83%	0.439%
22	19.492	2750	2758	2764	rBV8	16726	42699	1.61%	0.250%
23	19.610	2773	2778	2788	rBV2	74899	119218	4.50%	0.699%
24	20.086	2852	2859	2866	rBV	1950527	2648948	100.00%	15.532%
25	21.390	3075	3081	3092	rBV2	115049	273925	10.34%	1.606%
26	21.766	3138	3145	3155	rBV2	660533	1160076	43.79%	6.802%
27	21.925	3169	3172	3177	rVB3	18444	27763	1.05%	0.163%
28	22.547	3274	3278	3283	rBV	34778	60539	2.29%	0.355%
29	23.264	3395	3400	3410	rVB2	54313	109373	4.13%	0.641%
30	23.464	3428	3434	3445	rVB	236714	477458	18.02%	2.800%
31	24.098	3535	3542	3551	rVB	66710	139321	5.26%	0.817%
32	25.103	3701	3713	3732	rBV2	407919	1311310	49.50%	7.689%
33	26.255	3901	3909	3921	rVB4	46759	141802	5.35%	0.831%
34	27.671	4144	4150	4157	rVB7	21533	61475	2.32%	0.360%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

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-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

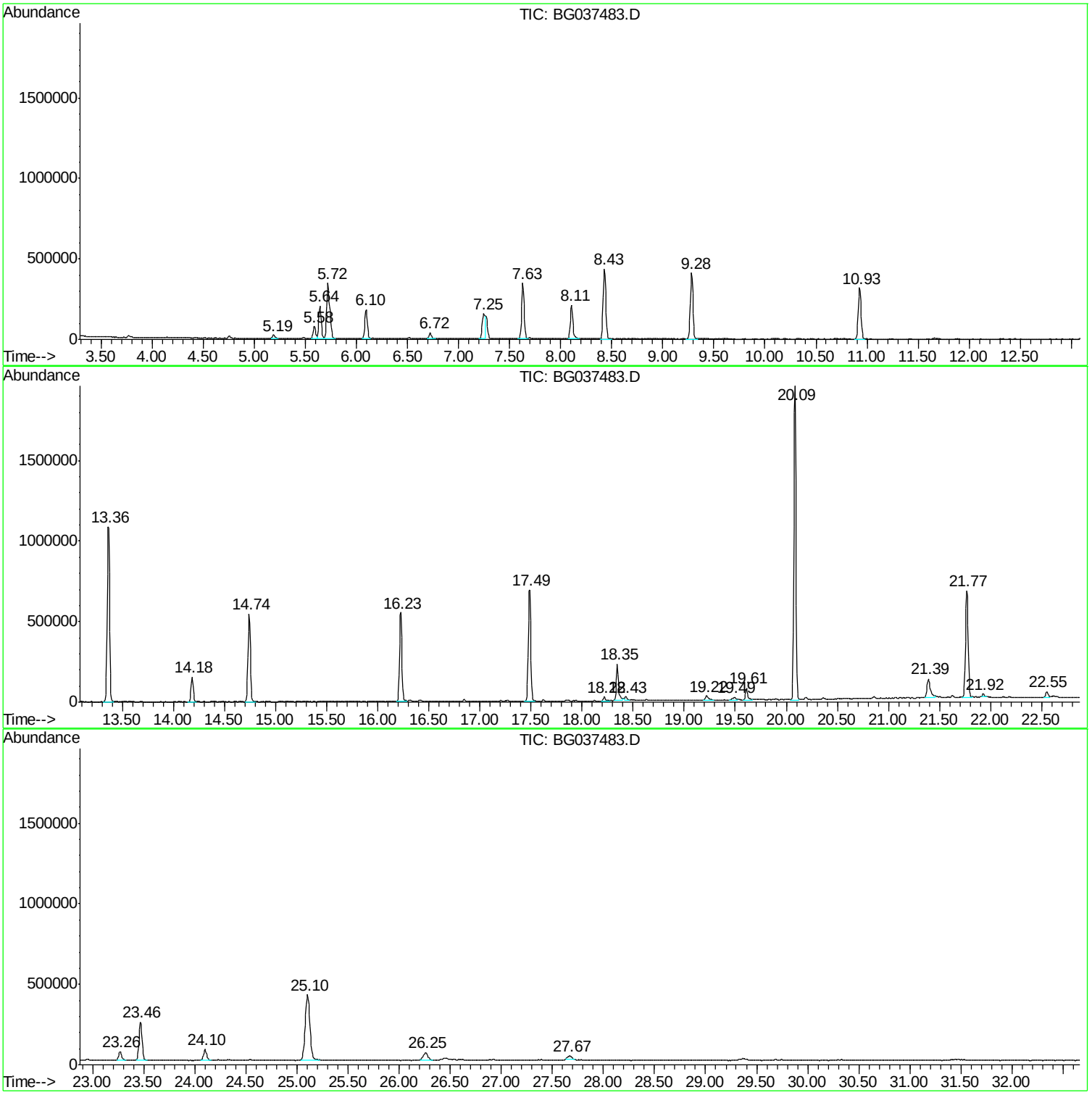
Sum of corrected areas: 17054299

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

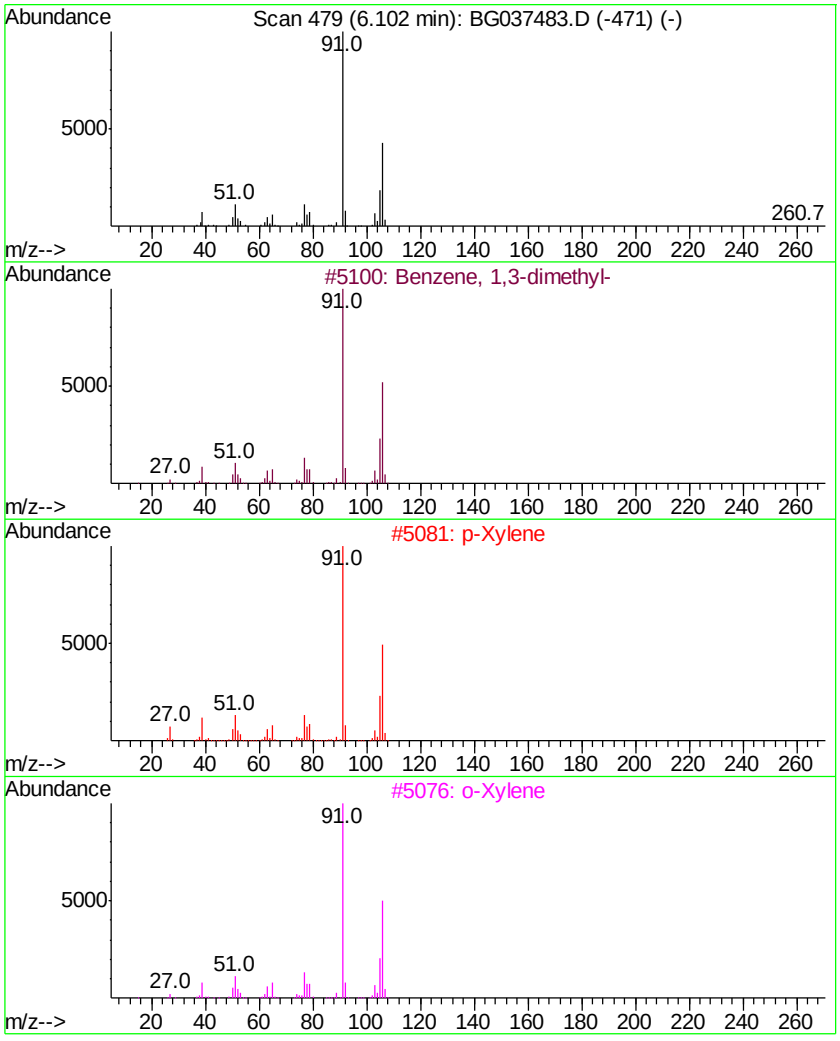
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

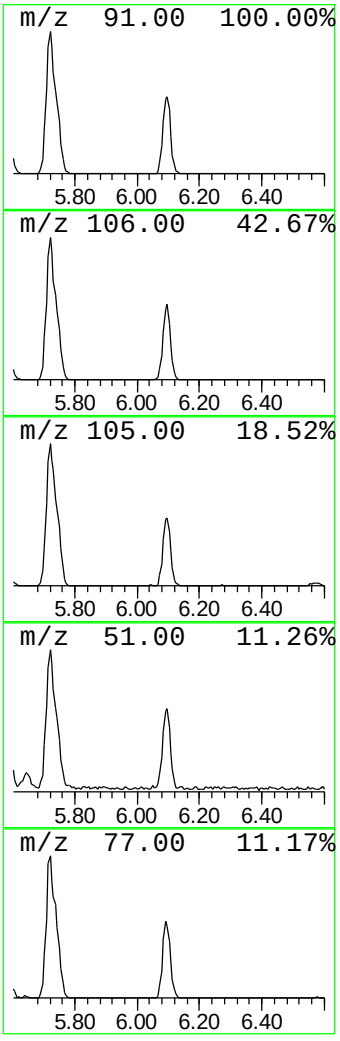
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	15.75 ng	308967	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	87
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

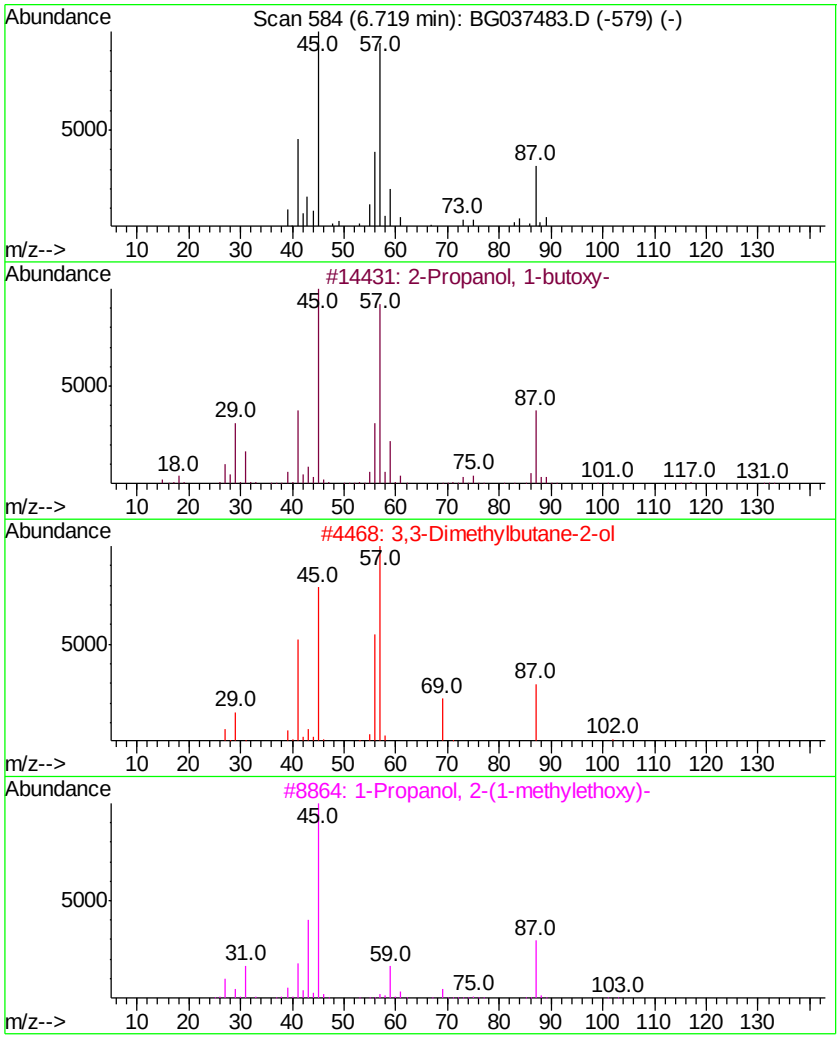
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

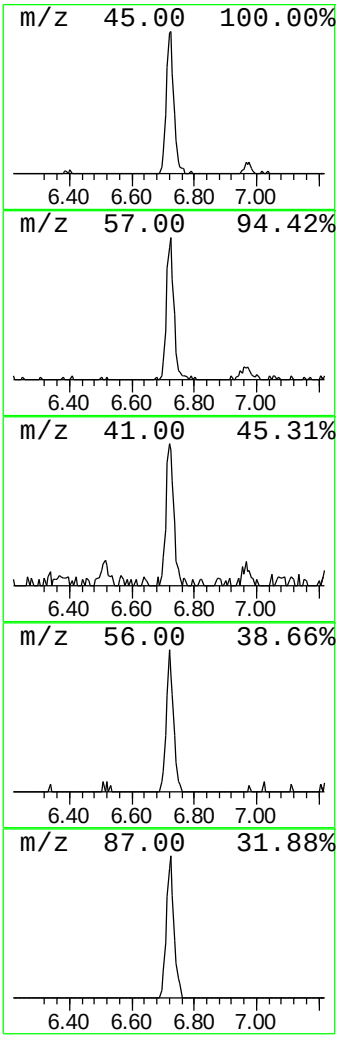
****

Peak Number 4 2-Propanol, 1-butoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	3.26 ng	64040	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	28
3	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	28
4	Morpholine	87	C4H9NO	000110-91-8	12
5	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

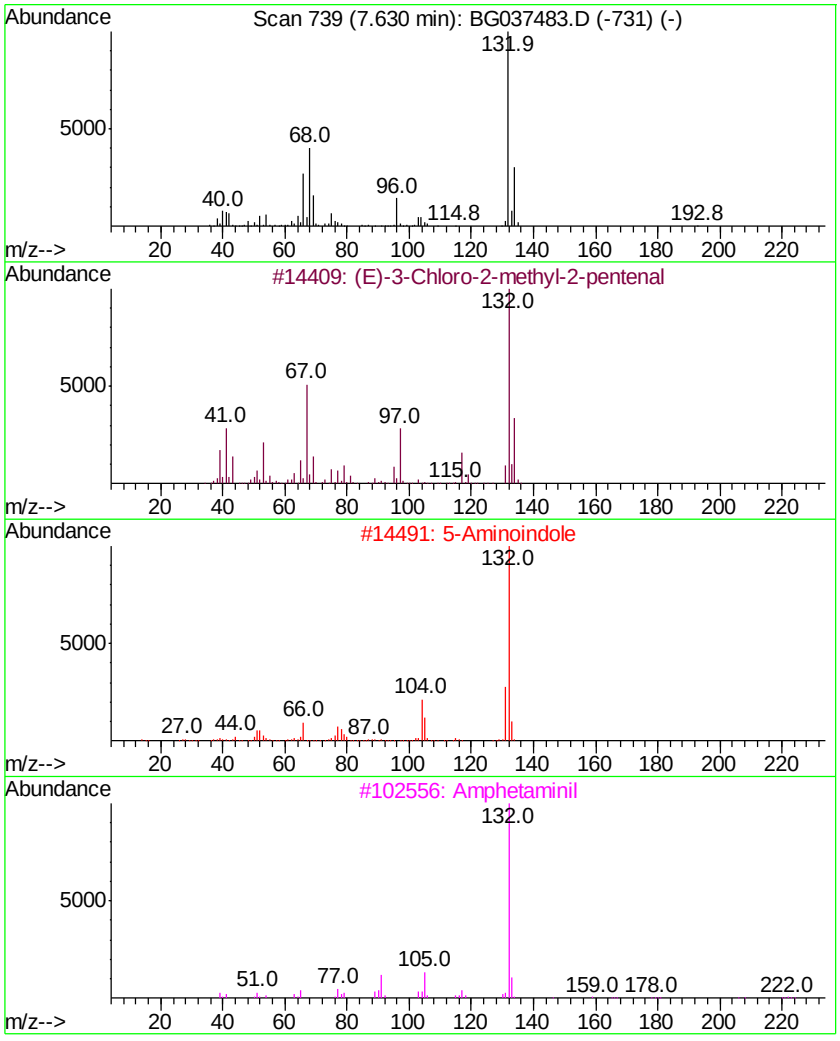
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

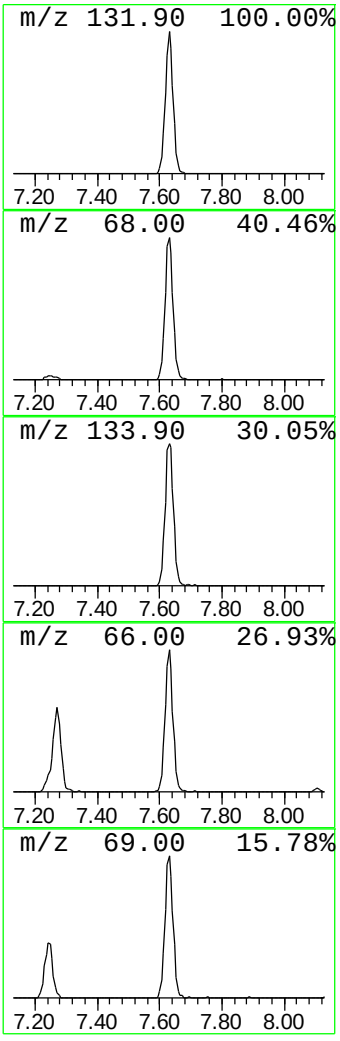
****

Peak Number 5 unknown7.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	31.32 ng	614522	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	30
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Amphetaminil	250	C17H18N2	017590-01-1	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

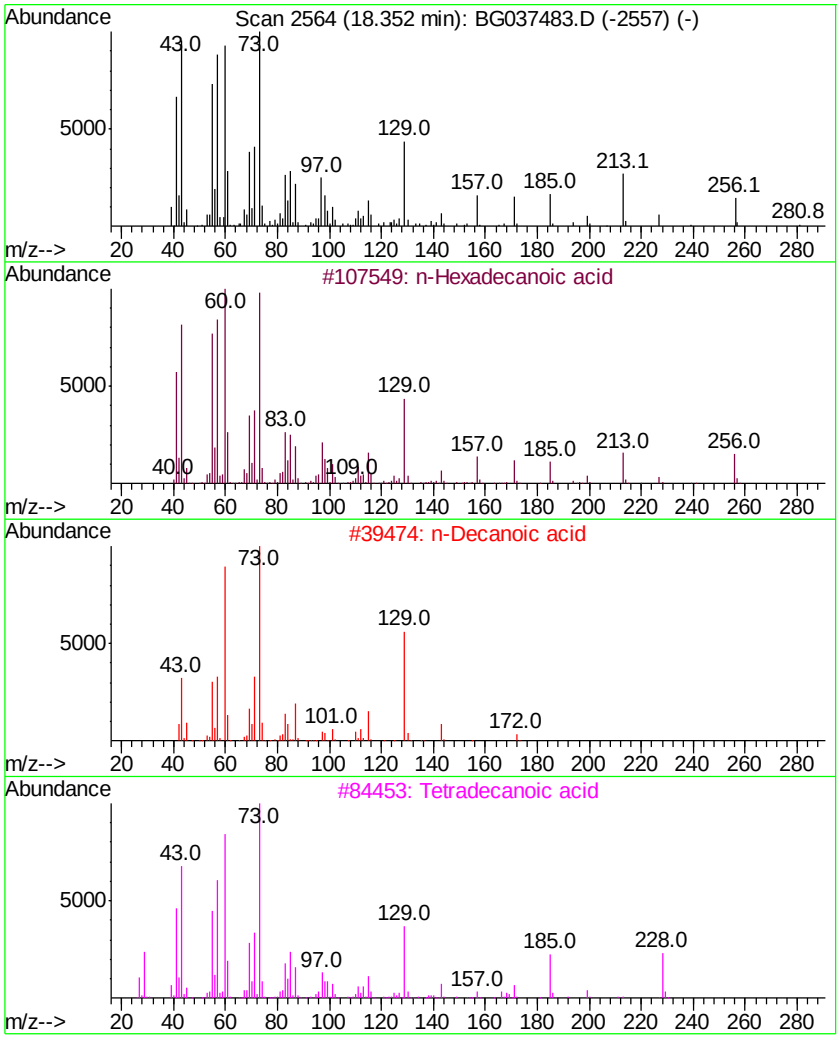
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

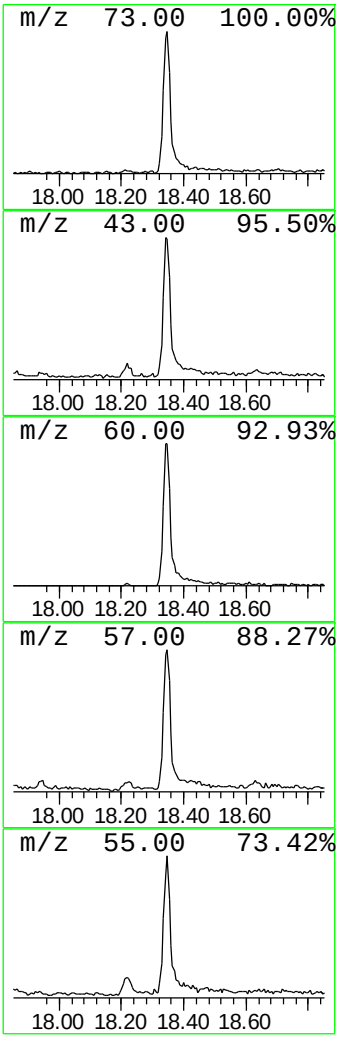
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.41 ng	362949	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

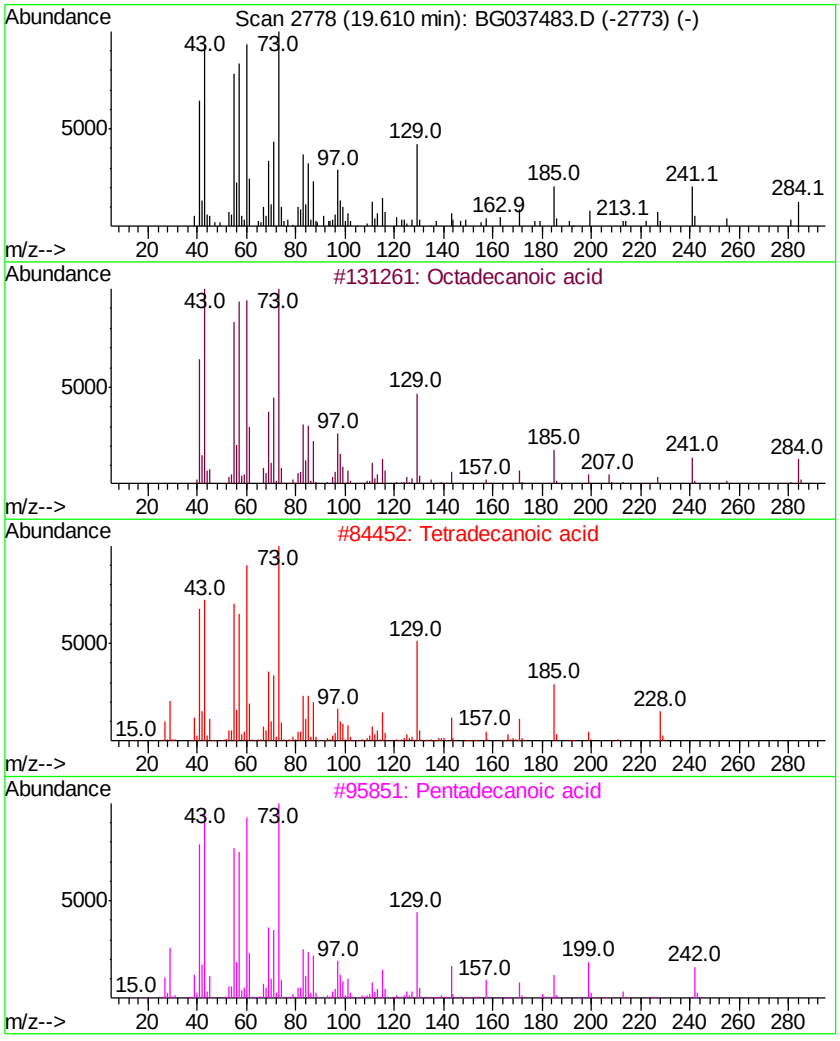
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

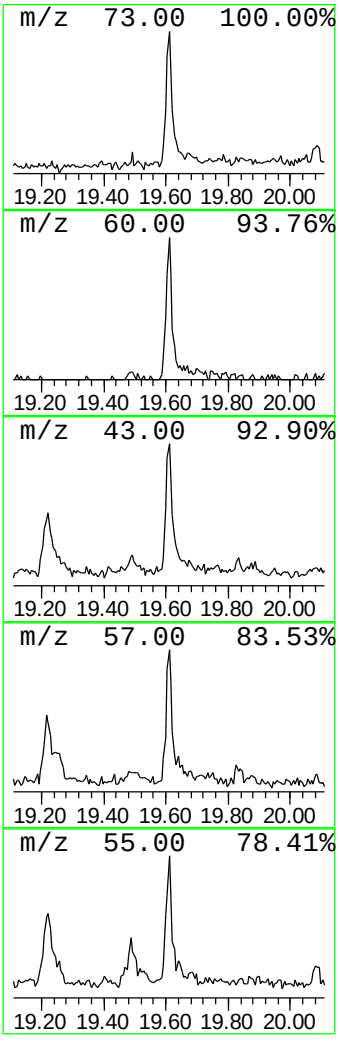
****

Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.11 ng	119218	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

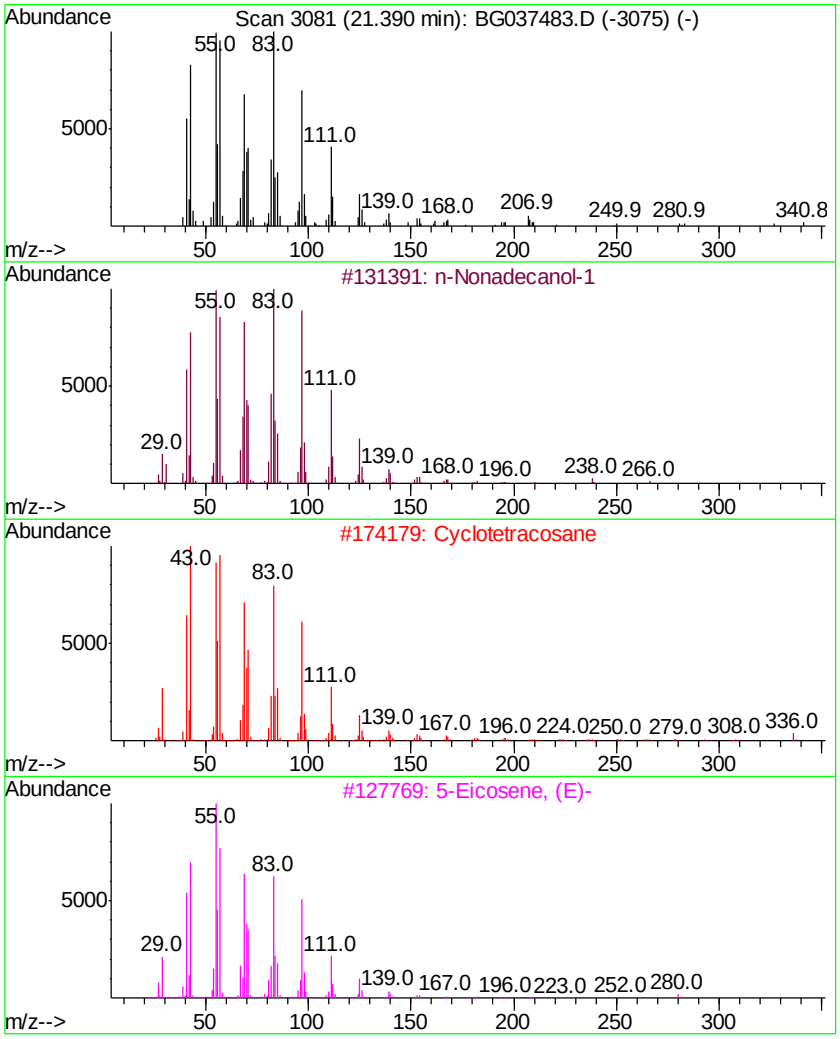
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

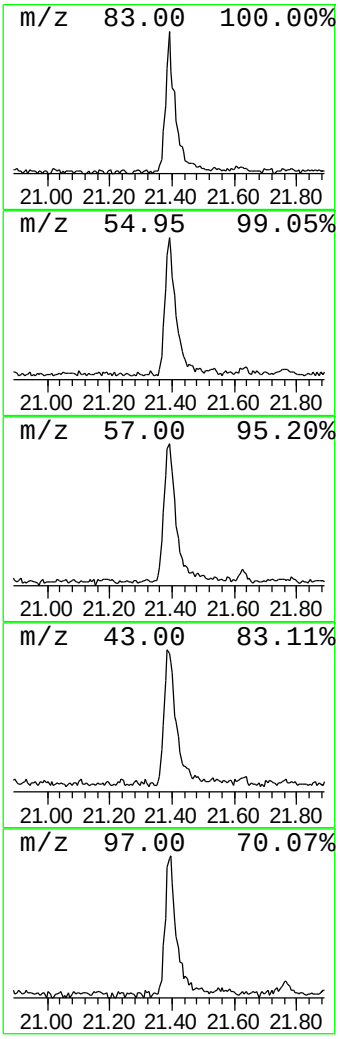
****

Peak Number 9 n-Nonadecanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.72 ng	273925	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

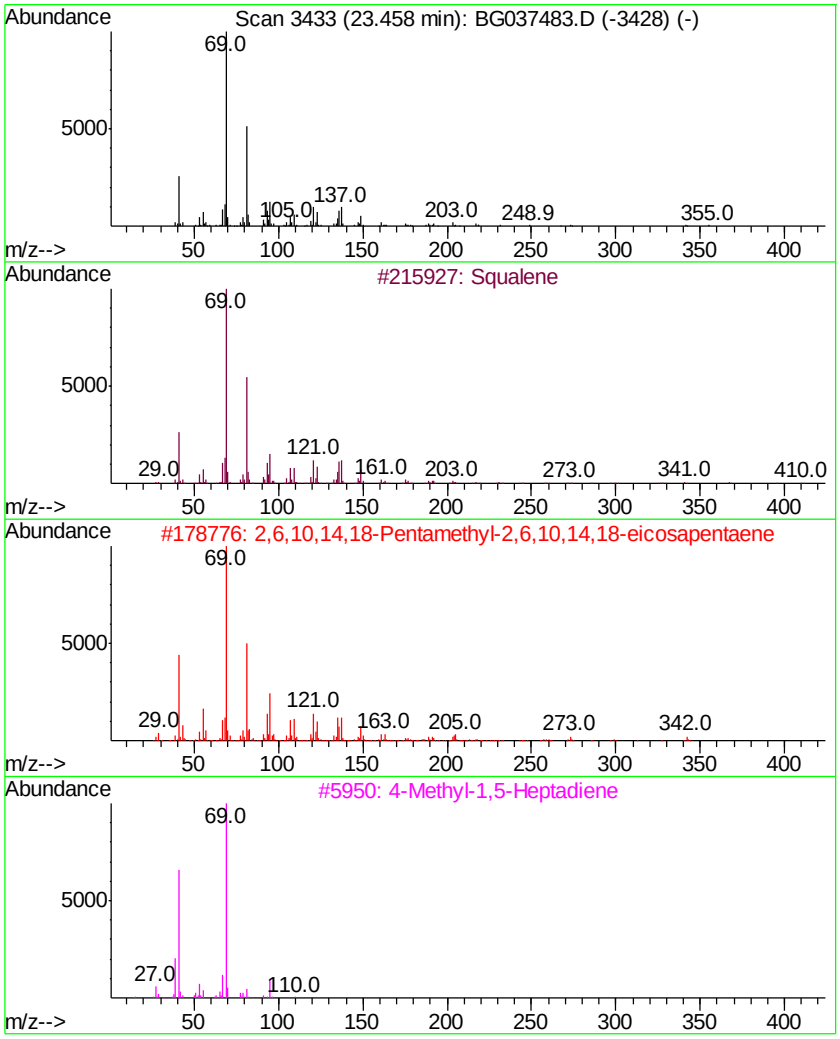
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

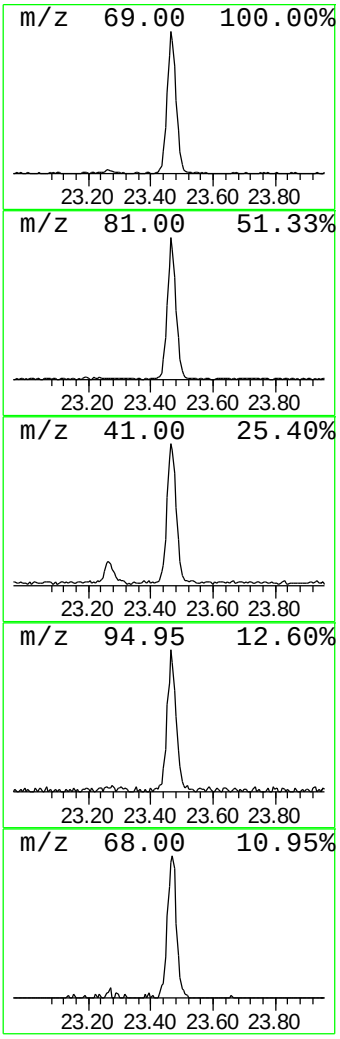
****

Peak Number 10 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	7.28 ng	477458	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
3	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	50
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

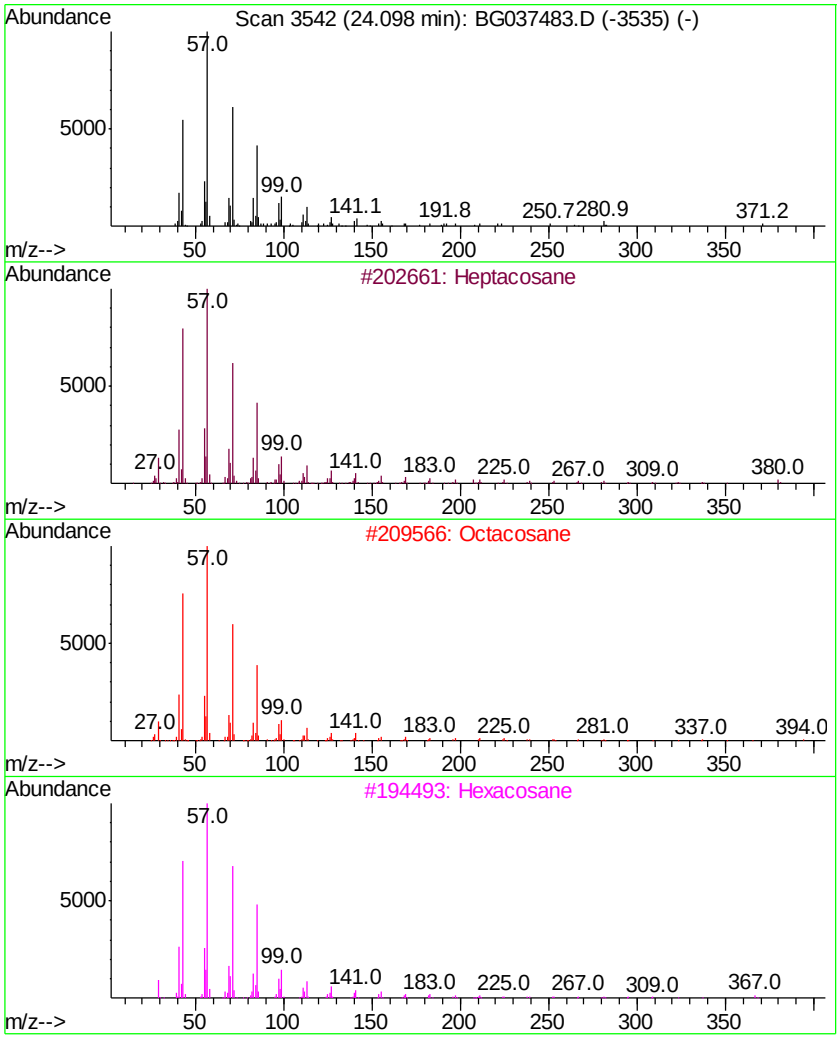
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

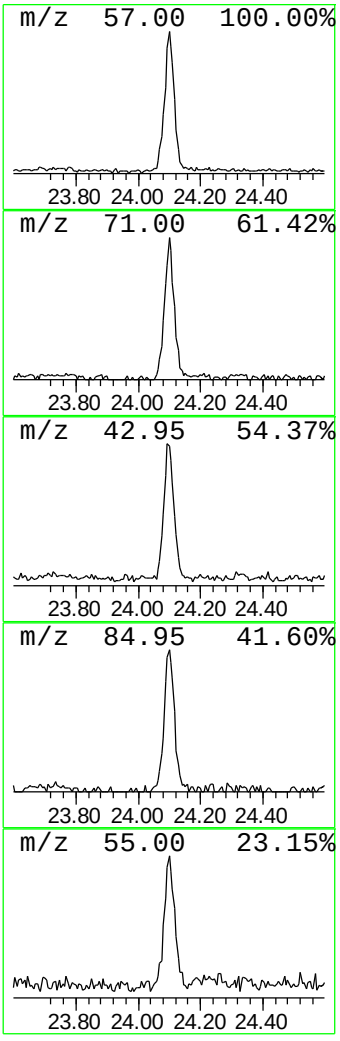
****

Peak Number 11 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.12 ng	139321	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

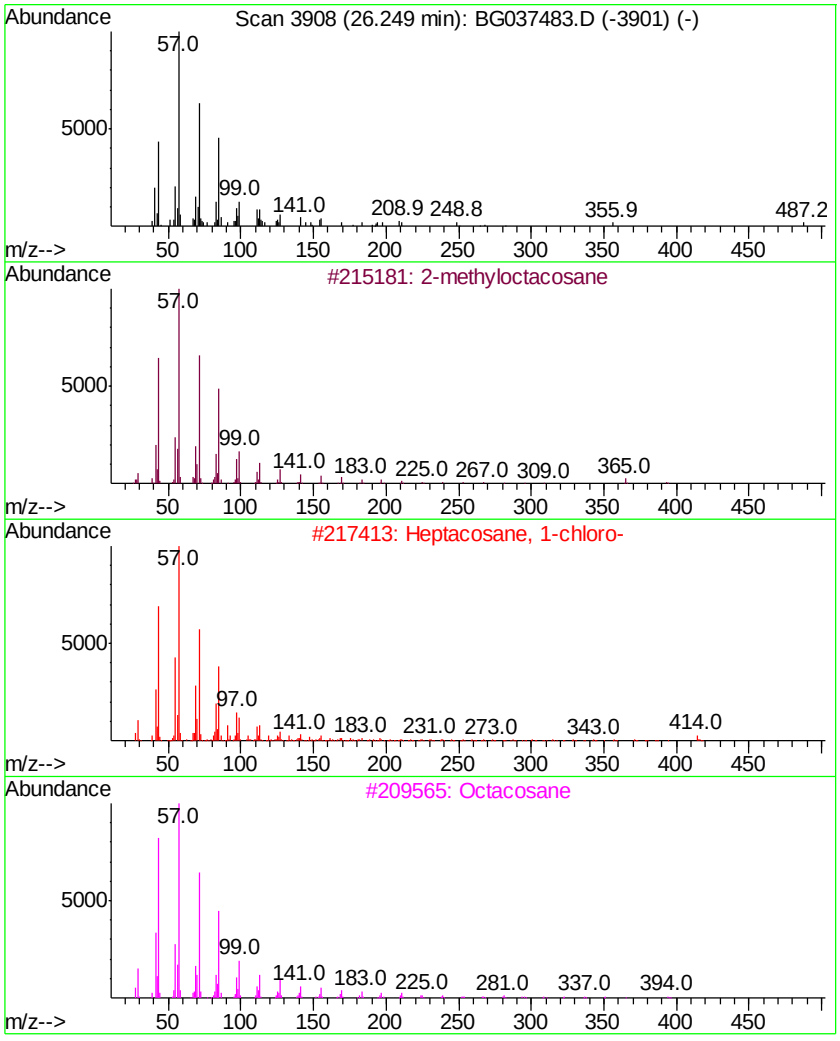
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

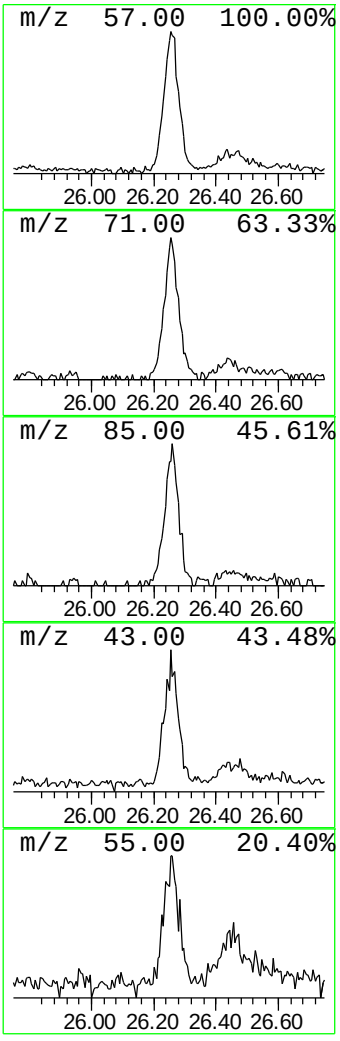
****

Peak Number 12 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	2.16 ng	141802	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102318\
Data File : BG037483.D
Acq On : 23 Oct 2018 19:29
Operator : JU/SJ
Sample : J5621-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-TWP-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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
Benzene, 1,3-dime...	6.10	15.8	ng	308967	1	8.11	392395	20.0
2-Propanol, 1-but...	6.72	3.3	ng	64040	1	8.11	392395	20.0
unknown7.63	7.63	31.3	ng	614522	1	8.11	392395	20.0
n-Hexadecanoic acid	18.35	6.4	ng	362949	4	17.49	1131800	20.0
Octadecanoic acid	19.61	2.1	ng	119218	4	17.49	1131800	20.0
n-Nonadecanol-1	21.39	4.7	ng	273925	5	21.77	1160080	20.0
Squalene	23.46	7.3	ng	477458	6	25.10	1311310	20.0
Heptacosane	24.10	2.1	ng	139321	6	25.10	1311310	20.0
2-methyloctacosane	26.25	2.2	ng	141802	6	25.10	1311310	20.0