LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

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-BG121218.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	5.141	344	349	360	rVB	31904	58534	4.01%	0.541%
2	5.353	381	385	391	rBV3	15919	27247	1.87%	0.252%
3	5.606	421	428	434	rBV	461183	790394	54.12%	7.304%
4	5.670	434	439	456	rVB	250116	452705	31.00%	4.183%
5	7.116	679	685	692	rBV2	49976	84617	5.79%	0.782%
6	7.215	694	702	718	rVB	480377	949751	65.04%	8.777%
7	7.586	757	765	777	rBV	448846	820884	56.21%	7.586%
8	7.691	778	783	789	rVB	24675	39321	2.69%	0.363%
9	7.944	819	826	832	rBV3	8952	15864	1.09%	0.147%
10	8.061	839	846	848	rBV	83488	143985	9.86%	1.331%
11	8.097	848	852	859	rVV	83148	148432	10.16%	1.372%
12	8.379	893	900	911	rVB	308348	569632	39.01%	5.264%
13	9.237	1038	1046	1059	rBV	295428	555686	38.05%	5.135%
14	9.560	1094	1101	1107	rBV	18291	28531	1.95%	0.264%
15	10.876	1317	1325	1331	rBV	113312	211493	14.48%	1.954%
16	12.527	1601	1606	1612	rBV	9447	15671	1.07%	0.145%
17	13.314	1732	1740	1748	rBV	676275	1057447	72.41%	9.772%
18	14.013	1853	1859	1864	rBV8	6843	16320	1.12%	0.151%
19	14.137	1875	1880	1890	rVB	66811	104269	7.14%	0.964%
20	14.695	1968	1975	1983	rVB2	170690	292131	20.00%	2.700%
21	15.541	2114	2119	2125	rVV3	12095	21916	1.50%	0.203%
22	15.899	2171	2180	2185	rBV4	6846	15163	1.04%	0.140%
23	16.181	2221	2228	2237	rBV	532875	879538	60.23%	8.128%
24	16.381	2257	2262	2267	rVB2	12273	20431	1.40%	0.189%
25	17.198	2397	2401	2406	rVB6	10056	14944	1.02%	0.138%
26	17.445	2437	2443	2448	rBV	232868	364292	24.95%	3.366%
27	18.302	2585	2589	2597	rBV4	31846	53528	3.67%	0.495%
28	19.566	2801	2804	2809	rBV8	11160	18881	1.29%	0.174%
29	20.042	2879	2885	2891	rBV	1088488	1460314	100.00%	13.495%
30	20.318	2927	2932	2937	rBV3	34369	53785	3.68%	0.497%
31	20.594	2976	2979	2983	rBV2	29034	34587	2.37%	0.320%
32	20.752	3003	3006	3012	rVB8	10850	15846	1.09%	0.146%
33	20.805	3012	3015	3018	rBV3	13956	15714	1.08%	0.145%
34	21.076	3057	3061	3064	rBV5	17213	23063	1.58%	0.213%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.317	3098	3102	3110	rBV2	54203	90407	6.19%	0.835%
36	21.722	3164	3171	3179	rVB	247755	447081	30.62%	4.131%
37	21.863	3192	3195	3202	rVB3	18827	25515	1.75%	0.236%
38	22.151	3242	3244	3252	rVB8	9605	15472	1.06%	0.143%
39	22.474	3293	3299	3303	rBV	52374	92020	6.30%	0.850%
40	22.509	3303	3305	3313	rVB8	14502	32660	2.24%	0.302%
41	23.173	3413	3418	3426	rVB2	22435	47110	3.23%	0.435%
42	23.543	3476	3481	3487	rVB9	7191	15604	1.07%	0.144%
43	23.984	3549	3556	3564	rBV2	44870	97437	6.67%	0.900%
44	24.942	3712	3719	3722	rBV4	15457	33007	2.26%	0.305%
45	25.018	3723	3732	3747	rVB	137149	412301	28.23%	3.810%
46	25.488	3804	3812	3820	rBV5	16484	42113	2.88%	0.389%
47	26.093	3906	3915	3923	rVB4	19290	60266	4.13%	0.557%
48	28.291	4280	4289	4299	rVB10	9386	35389	2.42%	0.327%

Sum of corrected areas: 10821298

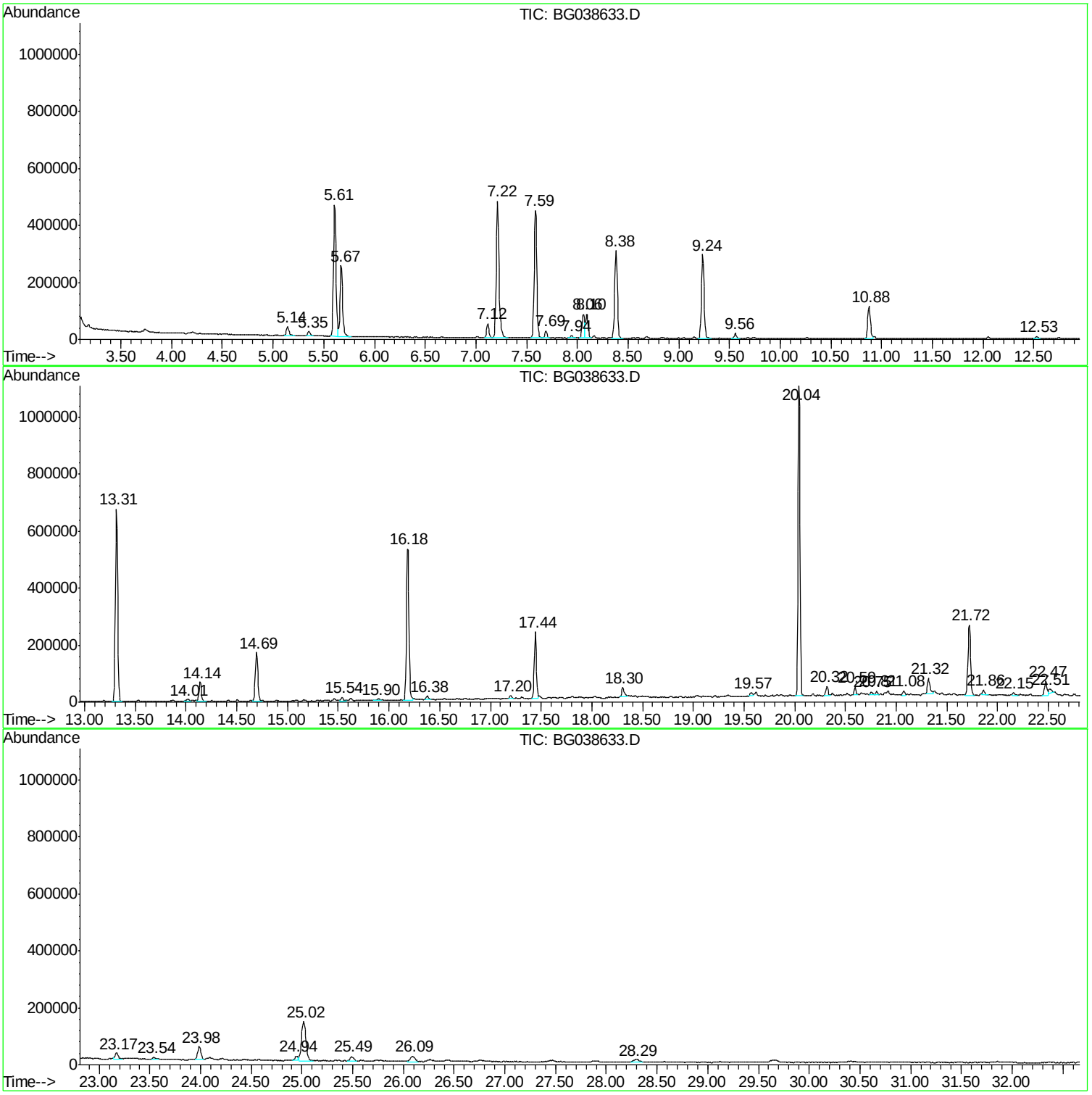
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

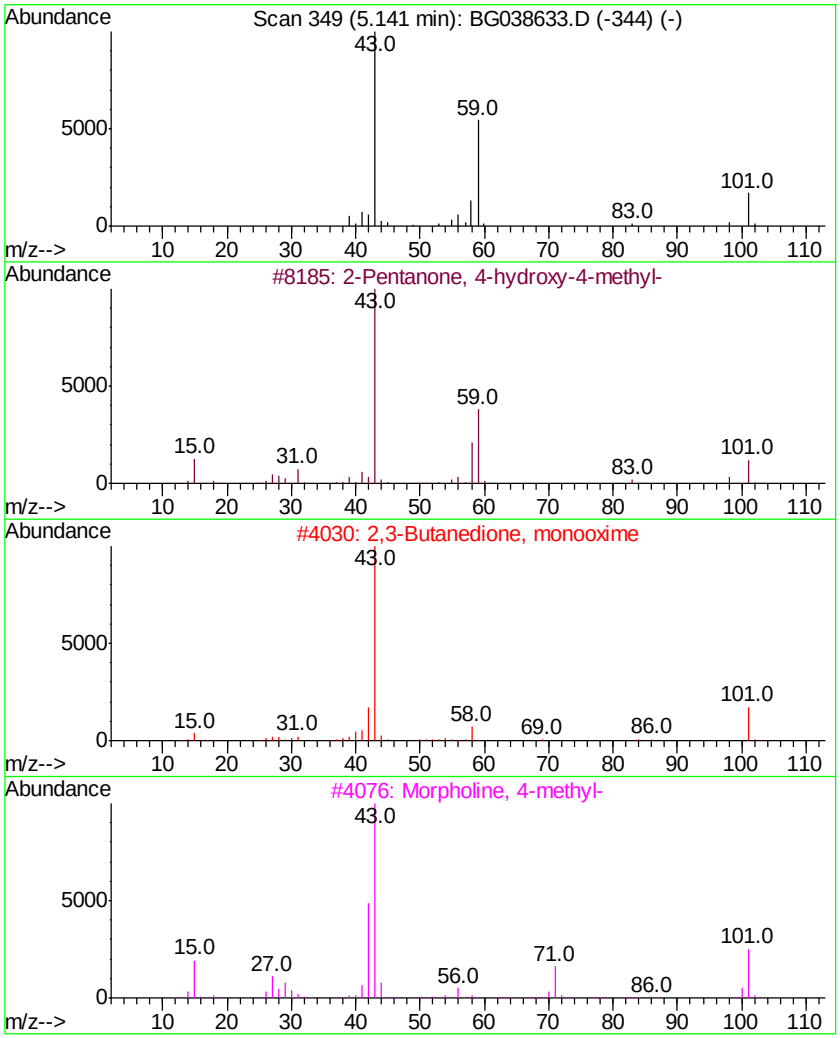
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

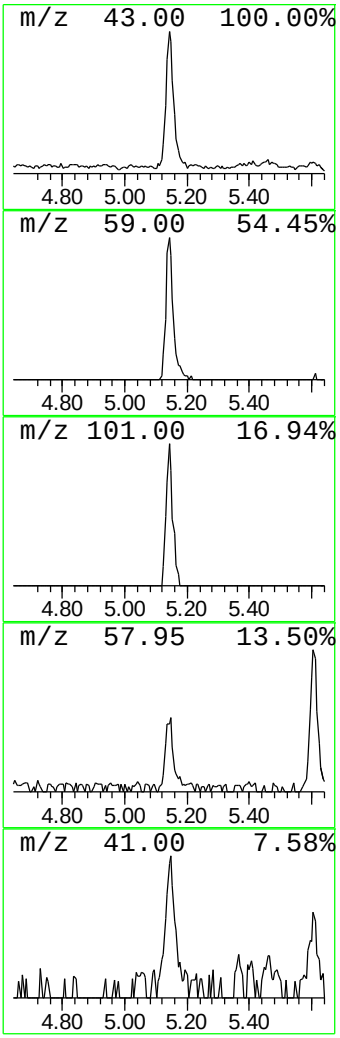
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	8.13 ng	58534	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

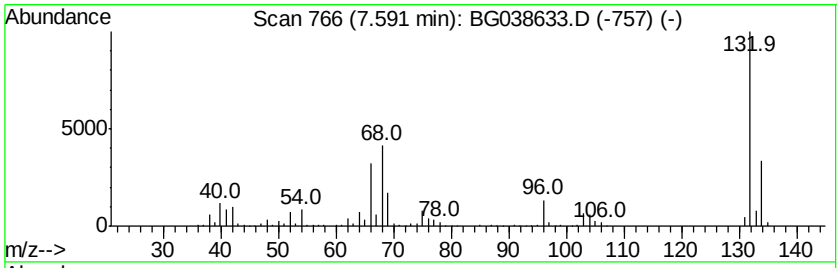
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

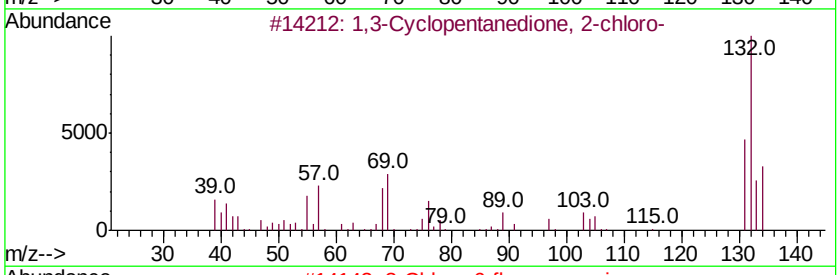
****

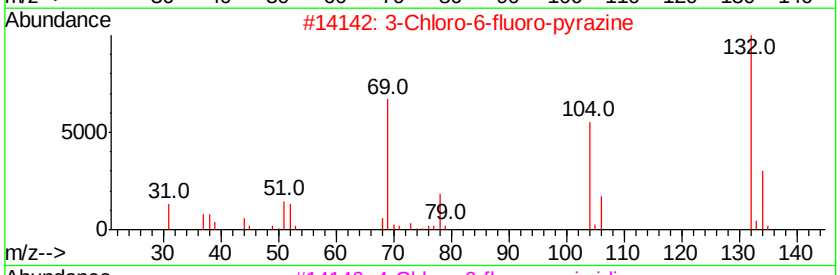
Peak Number 5 1,3-Cyclopentanedione, 2-ch... Concentration Rank 1

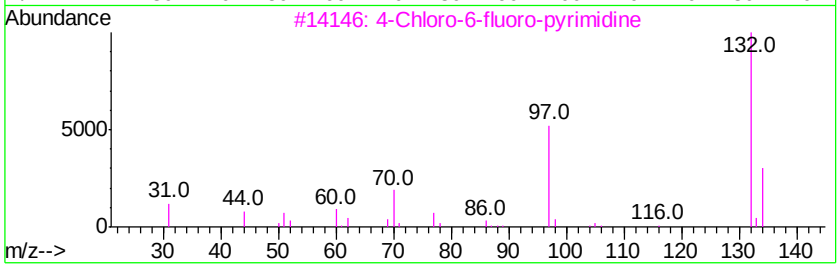
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	114.02 ng	820884	1,4-Dichlorobenzene-d4	8.06

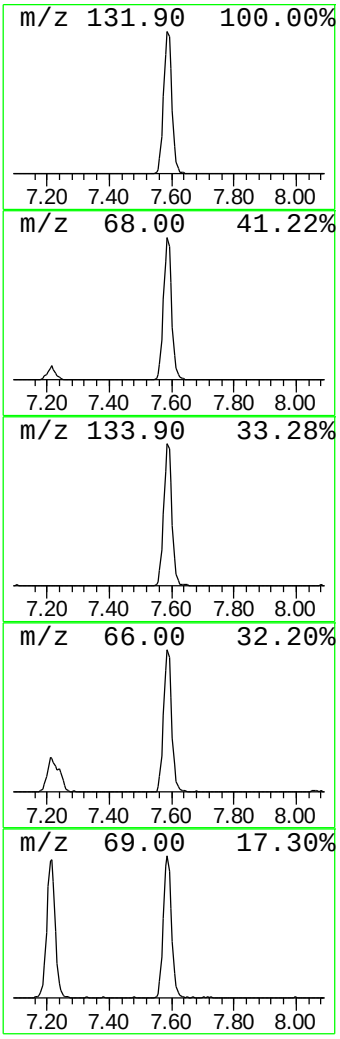
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

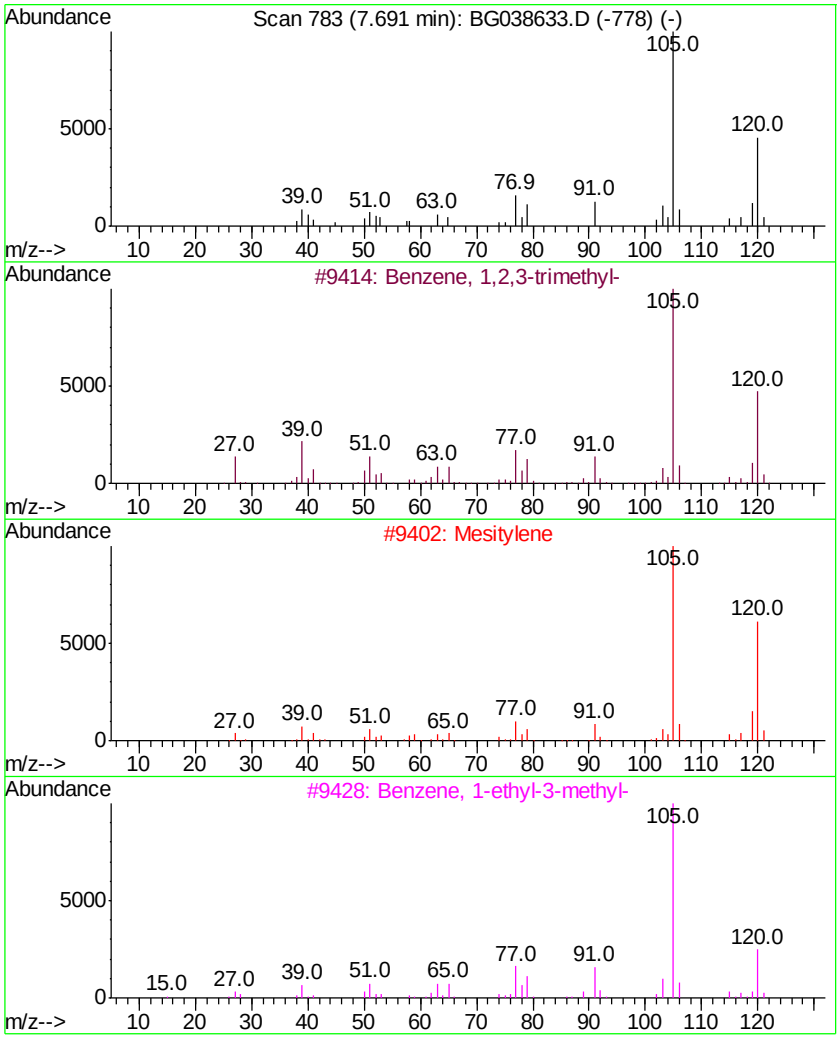
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

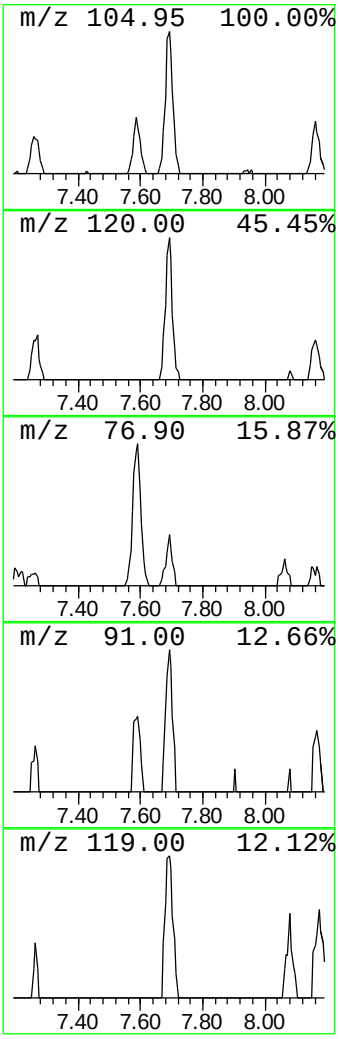
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	5.46 ng	39321	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

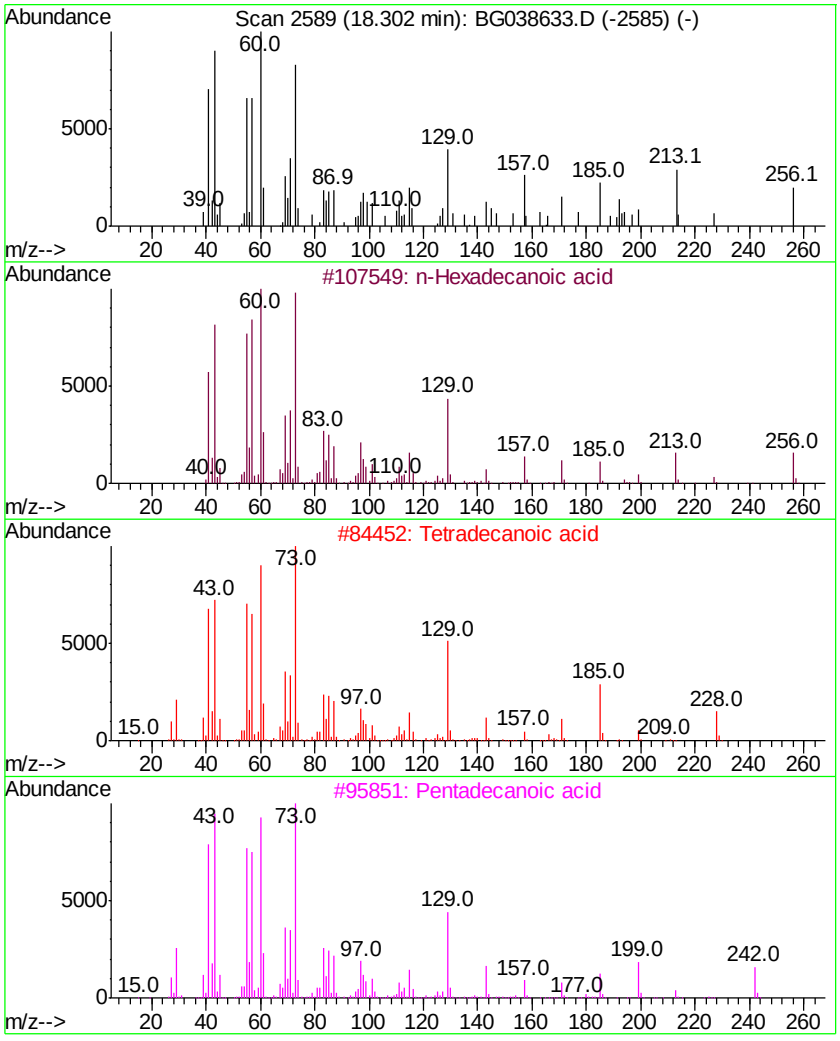
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

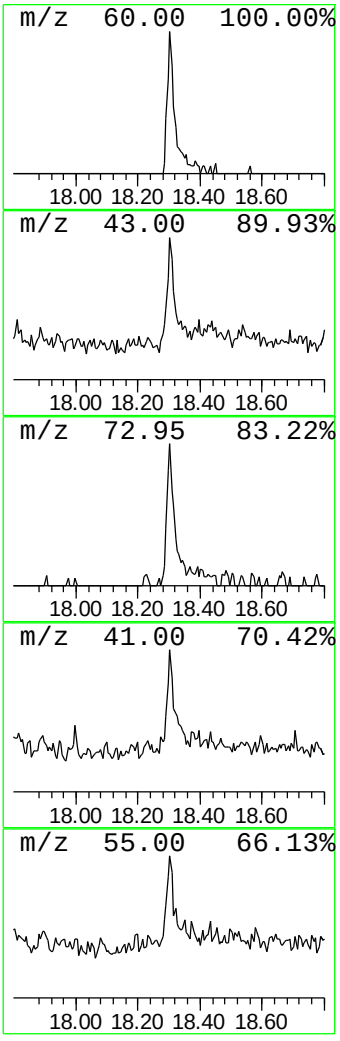
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.94 ng	53528	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

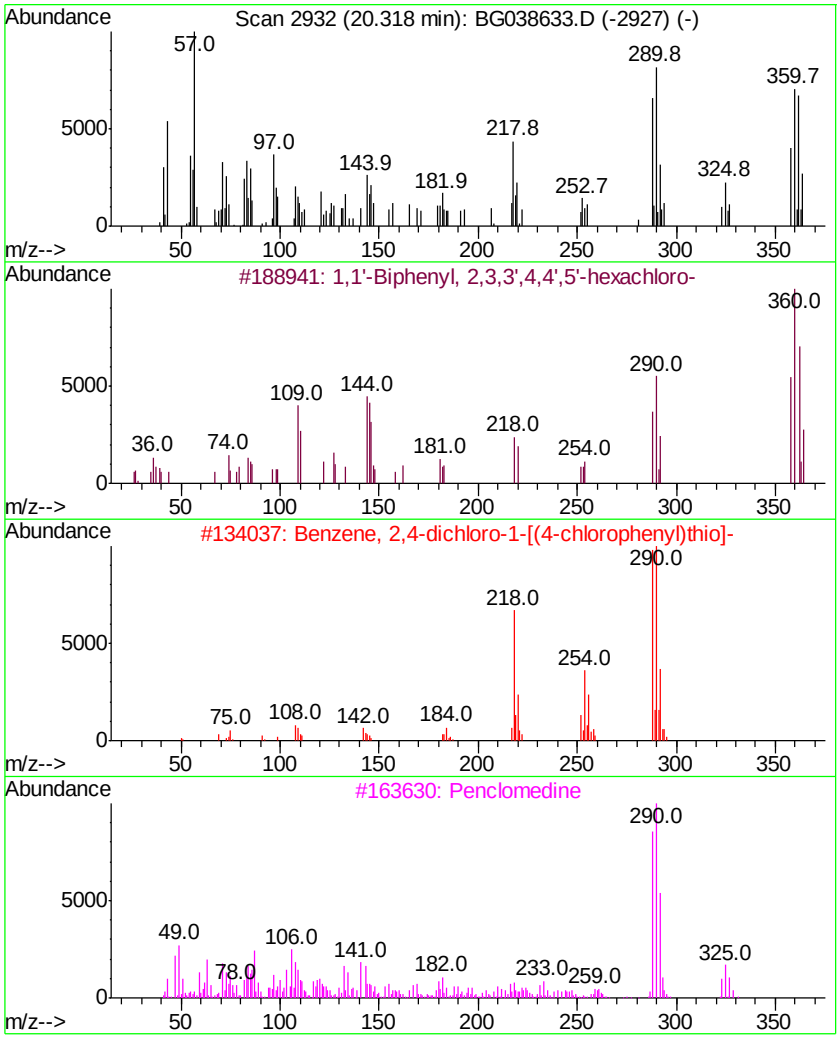
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

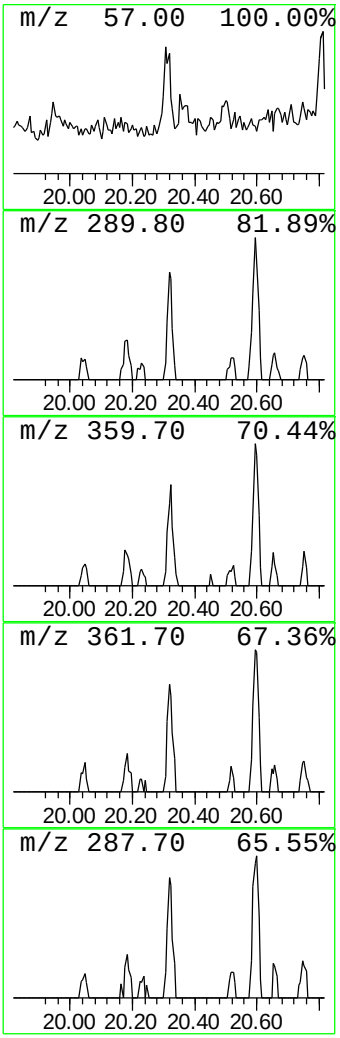
****

Peak Number 10 unknown20.32 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.41 ng	53785	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	45
2	Benzene, 2,4-dichloro-1-[(4-chlo...	288	C12H7Cl3S	055759-88-1	43
3	Penclomedine	323	C8H6Cl5NO2	108030-77-9	35
4	6-Amino-8-chloro-3-[p-chlorophen...	290	C13H8Cl2N4	028649-00-5	18
5	4-Bromo-5-[bis[2-hydroxyethyl]]a...	319	C12H18BrNO4	021585-30-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

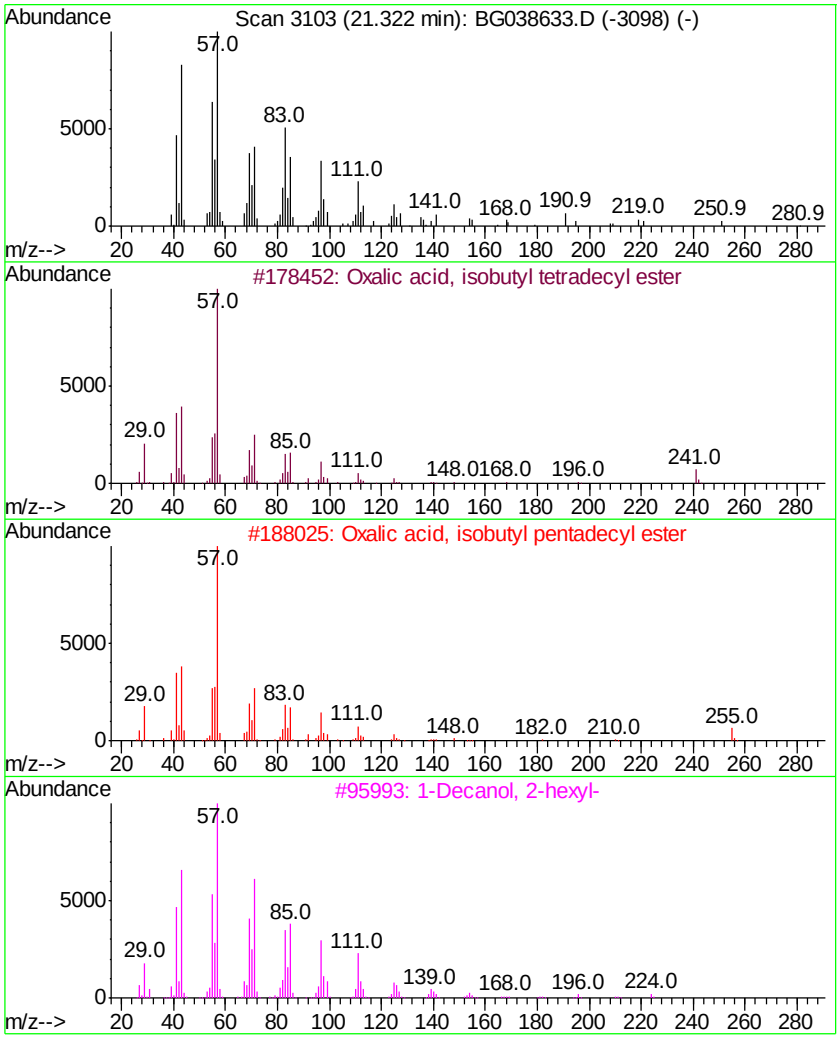
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

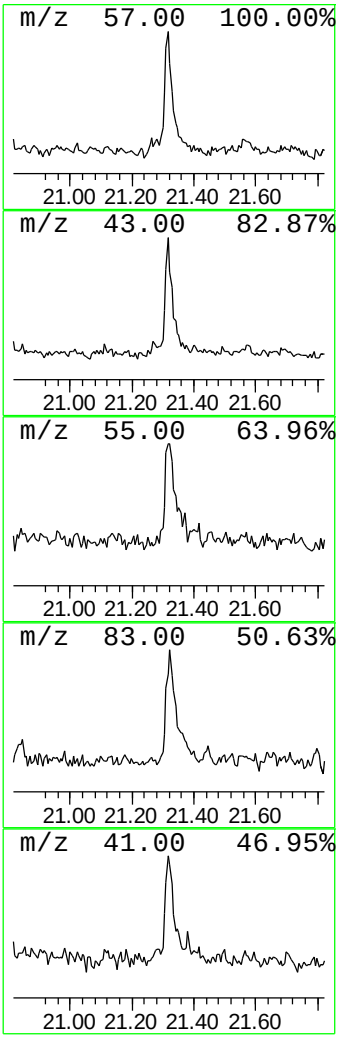
****

Peak Number 11 Oxalic acid, isobutyl tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.04 ng	90407	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	80
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

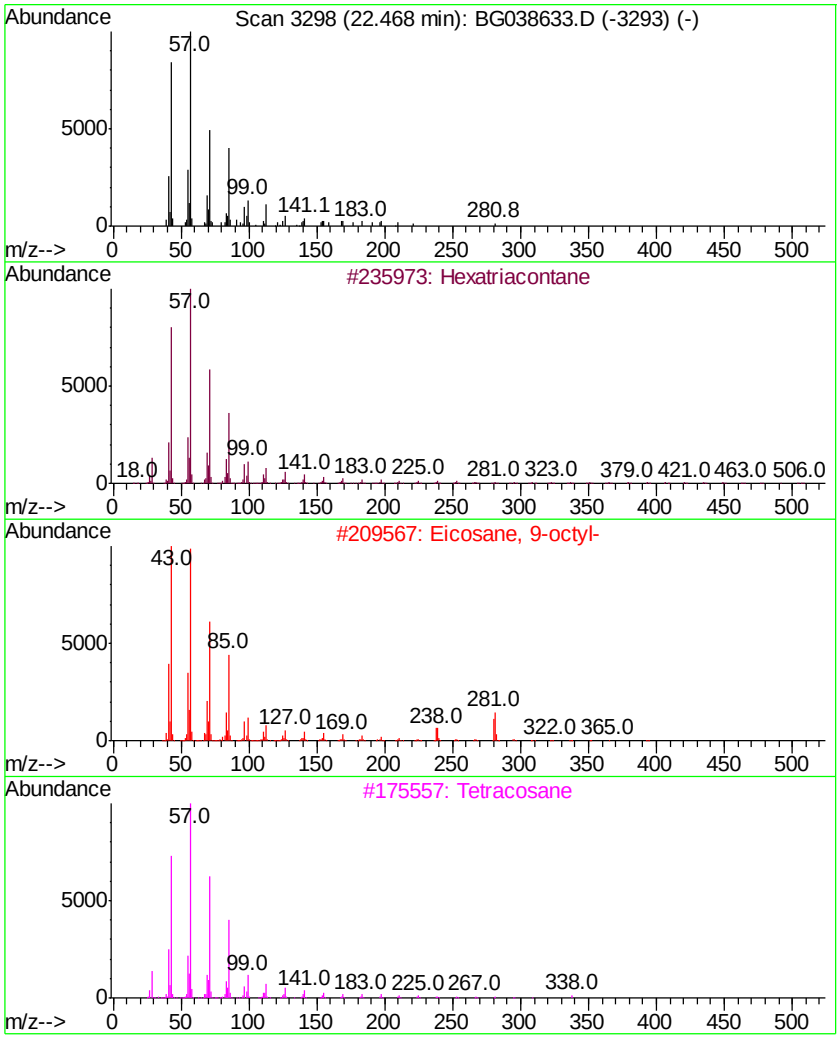
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

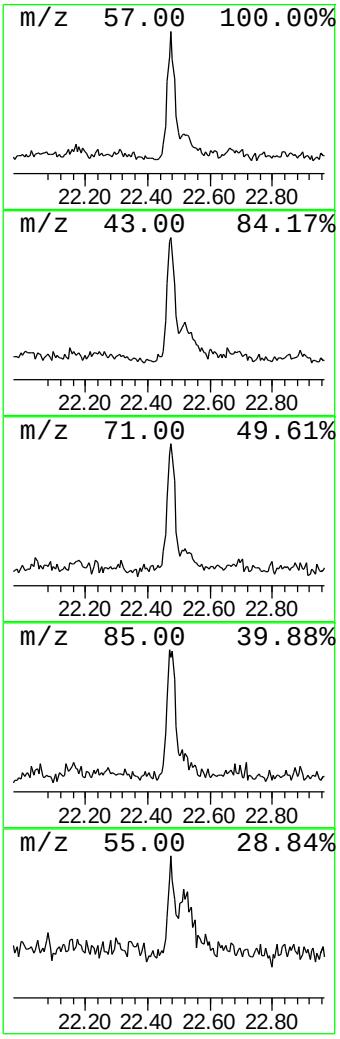
****

Peak Number 12 Hexatriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	4.12 ng	92020	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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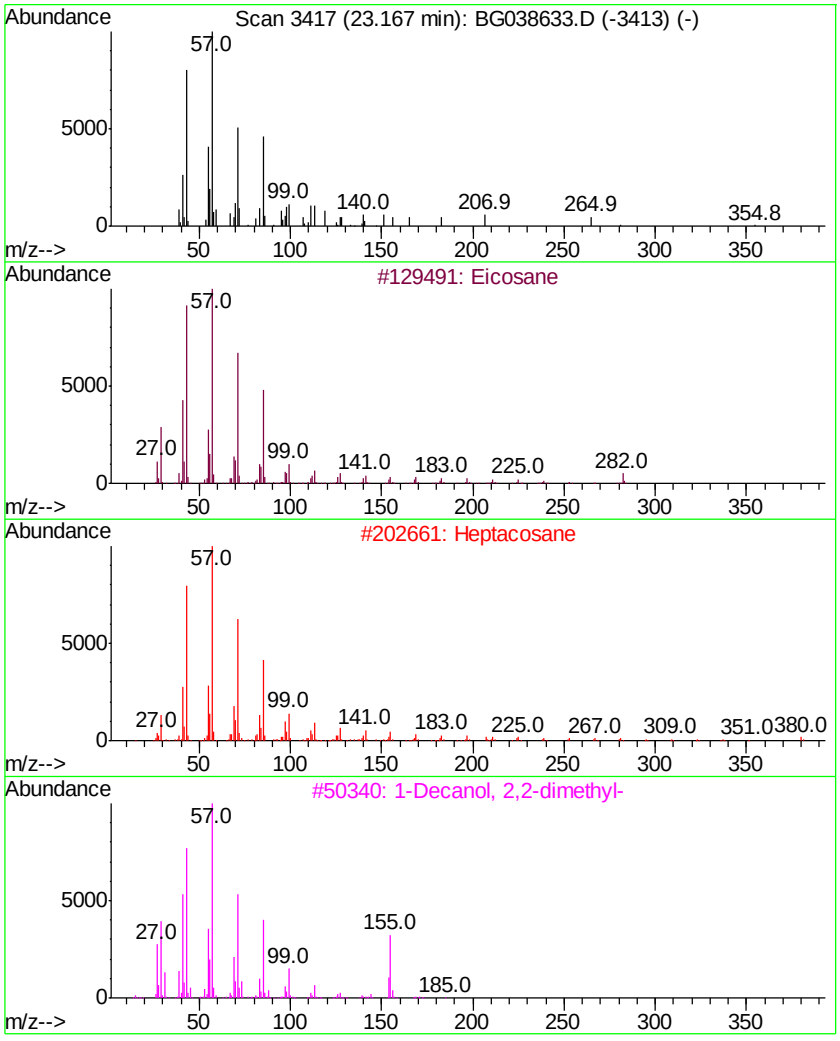
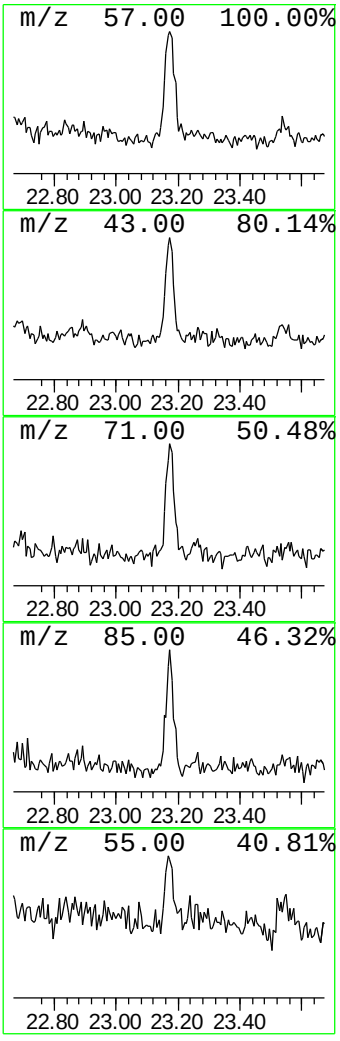
Peak Number 13 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.11 ng	47110	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Heptacosane	380	C27H56	000593-49-7	59
3	1-Decanol, 2,2-dimethyl-	186	C12H26O	002370-15-2	59
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
5	Hexacosane	366	C26H54	000630-01-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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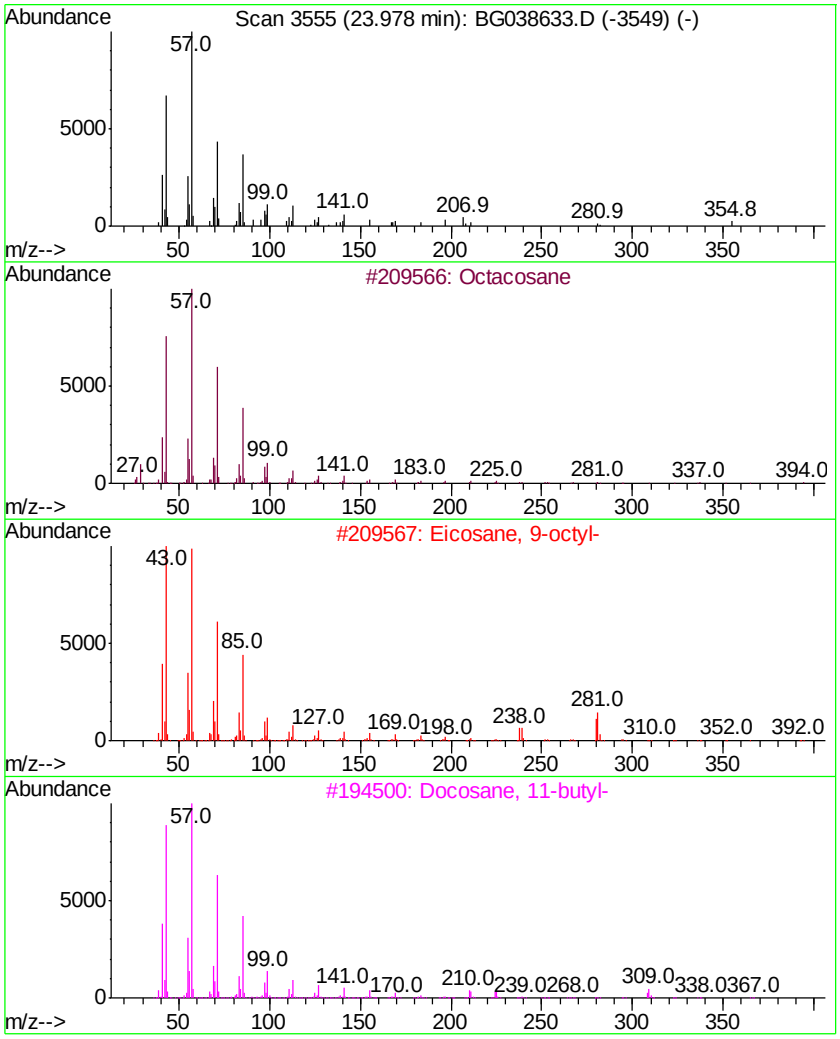
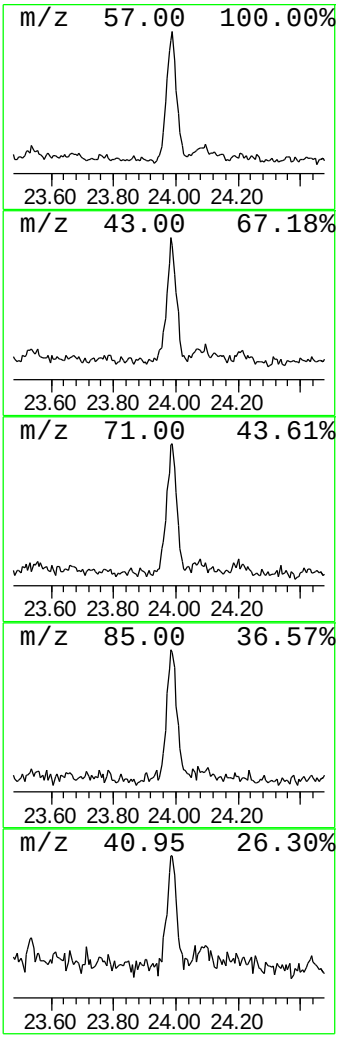
Peak Number 14 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.73 ng	97437	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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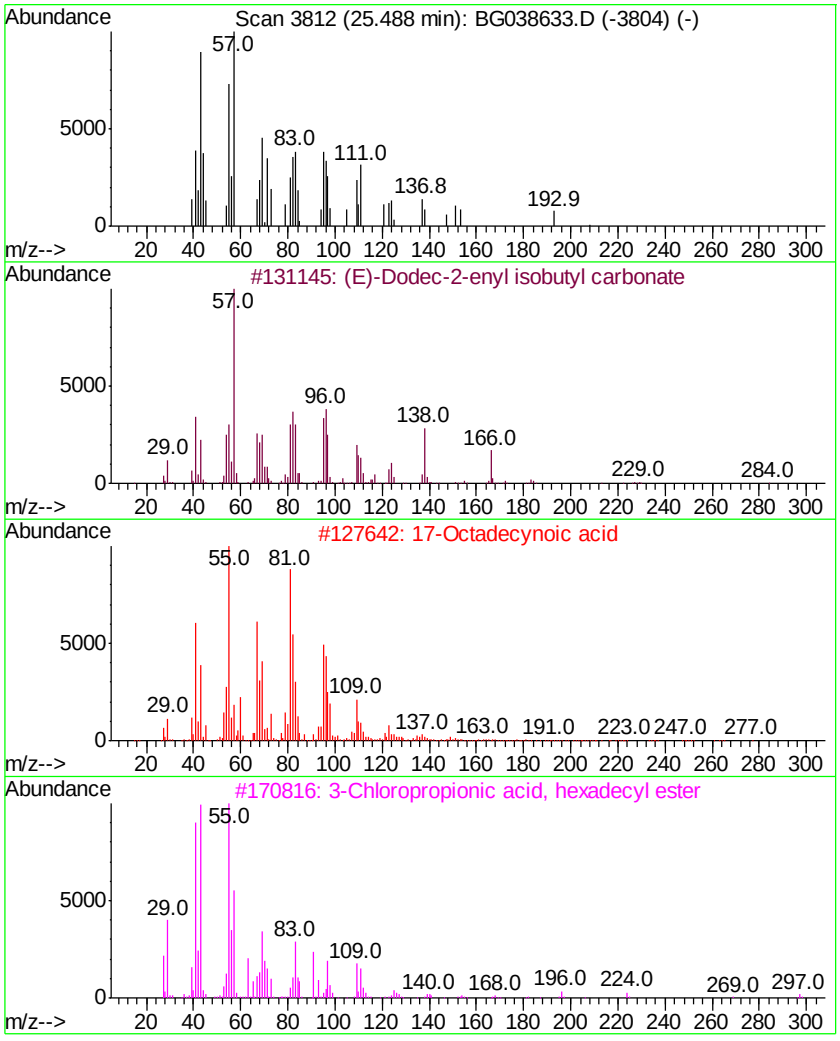
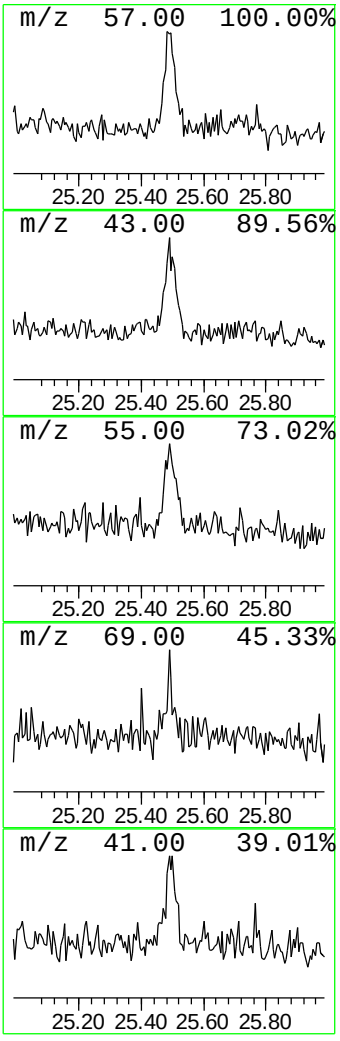
Peak Number 15 (E)-Dodec-2-enyl isobutyl c... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	2.04 ng	42113	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Dodec-2-enyl isobutyl carbonate	284	C17H32O3	1000372-78-7	59
2	17-Octadecynoic acid	280	C18H32O2	034450-18-5	47
3	3-Chloropropionic acid, hexadecy...	332	C19H37ClO2	053312-70-2	43
4	Z-10-Tetradecen-1-ol acetate	254	C16H30O2	1000130-99-3	27
5	Silane, [(11-fluoroundecyl)oxy]t...	262	C14H31FOSi	026305-81-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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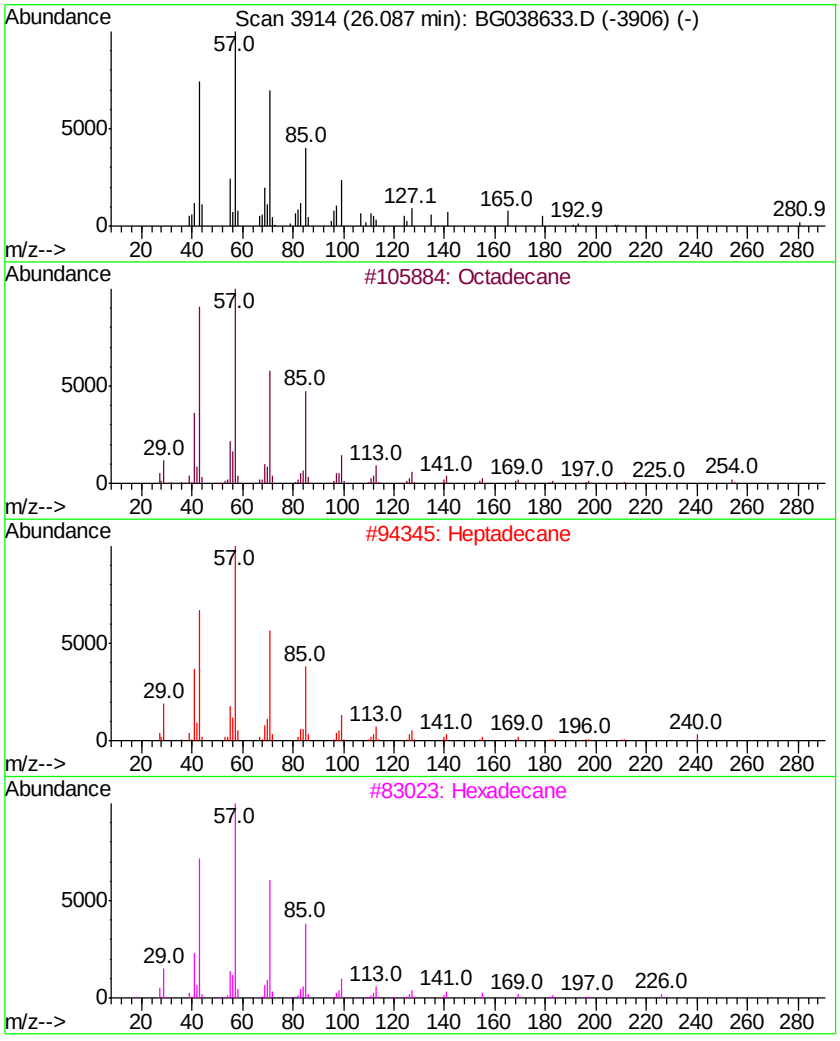
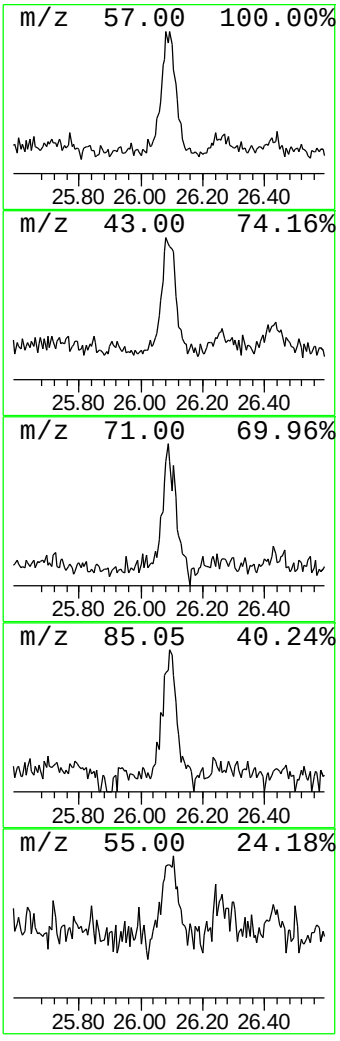
Peak Number 16 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	2.92 ng	60266	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	72
2	Heptadecane	240	C17H36	000629-78-7	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Heneicosane	296	C21H44	000629-94-7	59
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
Data File : BG038633.D
Acq On : 16 Dec 2018 10:07
Operator : JU/SJ
Sample : J6378-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
2-Pentanone, 4-hy...	5.14	8.1	ng	58534	1	8.06	143985	20.0
1,3-Cyclopentaned...	7.59	114.0	ng	820884	1	8.06	143985	20.0
Benzene, 1,2,3-tr...	7.69	5.5	ng	39321	1	8.06	143985	20.0
n-Hexadecanoic acid	18.30	2.9	ng	53528	4	17.44	364292	20.0
unknown20.32	20.32	2.4	ng	53785	5	21.72	447081	20.0
Oxalic acid, isob...	21.32	4.0	ng	90407	5	21.72	447081	20.0
Hexatriacontane	22.47	4.1	ng	92020	5	21.72	447081	20.0
Eicosane	23.17	2.1	ng	47110	5	21.72	447081	20.0
Octacosane	23.98	4.7	ng	97437	6	25.01	412301	20.0
(E)-Dodec-2-enyl ...	25.49	2.0	ng	42113	6	25.01	412301	20.0
Octadecane	26.09	2.9	ng	60266	6	25.01	412301	20.0