LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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	5.139	345	349	357	rVB	15499	28199	2.66%	0.371%
2	5.609	423	429	439	rVB	296479	492959	46.56%	6.493%
3	7.213	695	702	717	rVB	307830	581964	54.96%	7.666%
4	7.589	758	766	774	rBV	286523	511378	48.30%	6.736%
5	8.059	839	846	857	rVB	80999	141748	13.39%	1.867%
6	8.382	894	901	911	rVB	205989	371973	35.13%	4.900%
7	9.234	1038	1046	1057	rBV	181917	338602	31.98%	4.460%
8	10.879	1318	1326	1335	rBV	103761	194284	18.35%	2.559%
9	13.312	1733	1740	1756	rVB	401671	655669	61.92%	8.636%
10	14.140	1876	1881	1887	rVB	14107	21725	2.05%	0.286%
11	14.698	1967	1976	1984	rVB2	176015	287186	27.12%	3.783%
12	16.185	2222	2229	2244	rBV3	382477	609667	57.58%	8.031%
13	17.442	2436	2443	2456	rVB	251120	396927	37.49%	5.228%
14	18.300	2585	2589	2595	rBV4	12299	20061	1.89%	0.264%
15	19.340	2762	2766	2771	rVB5	12442	18751	1.77%	0.247%
16	19.616	2810	2813	2817	rVB4	17846	22327	2.11%	0.294%
17	20.045	2880	2886	2895	rBV	796111	1058826	100.00%	13.947%
18	20.186	2906	2910	2913	rVB4	15904	18584	1.76%	0.245%
19	20.321	2928	2933	2938	rVB3	56251	72580	6.85%	0.956%
20	20.597	2975	2980	2984	rBV	59457	73988	6.99%	0.975%
21	20.656	2986	2990	2993	rBV5	13541	15636	1.48%	0.206%
22	20.750	3003	3006	3012	rVB6	16979	28508	2.69%	0.376%
23	20.809	3012	3016	3019	rVB5	9914	12980	1.23%	0.171%
24	20.920	3027	3035	3042	rBV4	31173	62158	5.87%	0.819%
25	21.073	3058	3061	3068	rVB4	29174	39080	3.69%	0.515%
26	21.149	3070	3074	3077	rVB4	10594	13164	1.24%	0.173%
27	21.320	3097	3103	3110	rBV3	30679	57443	5.43%	0.757%
28	21.384	3110	3114	3119	rVV5	27317	36749	3.47%	0.484%
29	21.449	3122	3125	3130	rVB6	12337	16770	1.58%	0.221%
30	21.725	3164	3172	3181	rBV	290691	525823	49.66%	6.926%
31	21.866	3191	3196	3202	rVB2	13231	20054	1.89%	0.264%
32	22.154	3241	3245	3253	rVB9	15961	28148	2.66%	0.371%
33	22.230	3255	3258	3265	rVB7	7557	12377	1.17%	0.163%
34	22.325	3268	3274	3278	rBV7	9196	16560	1.56%	0.218%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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	22.477	3291	3300	3304	rBV	26235	49027	4.63%	0.646%
36	22.536	3304	3310	3318	rVV10	11594	35537	3.36%	0.468%
37	23.176	3410	3419	3427	rVB8	12496	31599	2.98%	0.416%
38	23.993	3548	3558	3566	rBV2	35235	79811	7.54%	1.051%
39	24.087	3566	3574	3575	rBV7	5613	12266	1.16%	0.162%
40	24.939	3714	3719	3720	rBV4	7612	10671	1.01%	0.141%
41	25.021	3723	3733	3745	rVB2	146440	440415	41.59%	5.801%
42	26.097	3905	3916	3926	rBV2	36870	113022	10.67%	1.489%
43	29.117	4422	4430	4431	rBV6	9162	16689	1.58%	0.220%

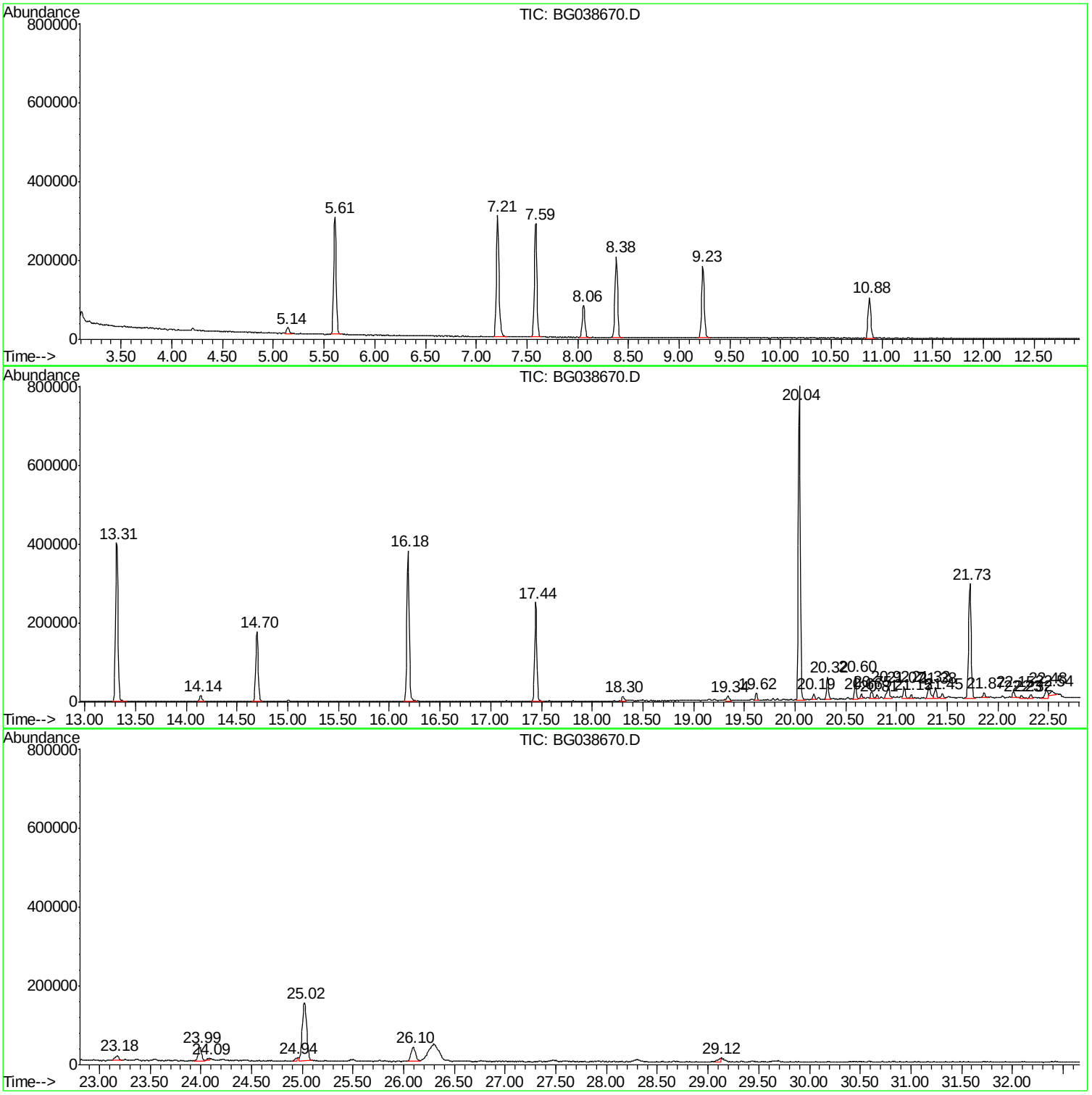
Sum of corrected areas: 7591885

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS015-1218-01

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\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

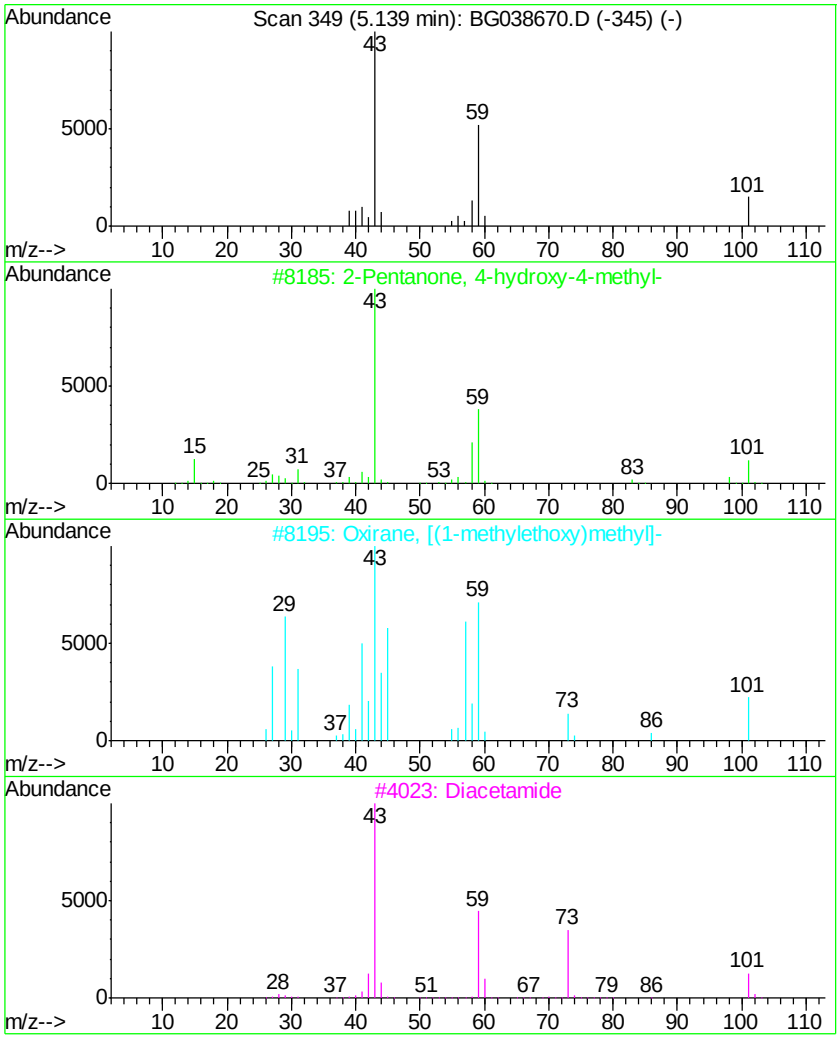
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

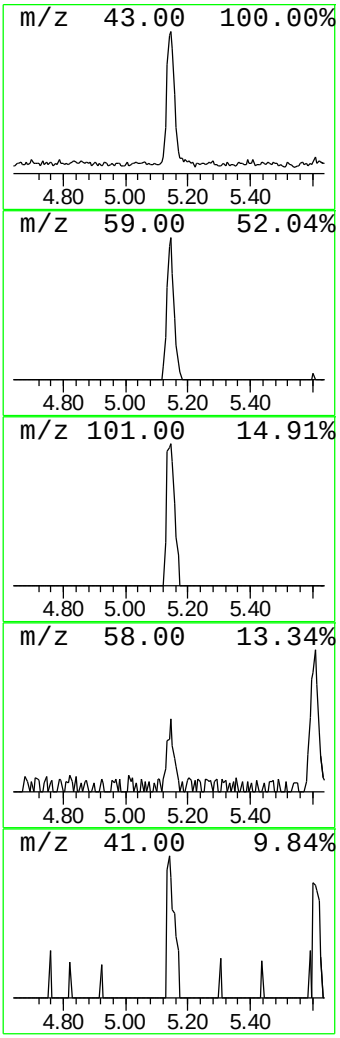
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.98 ng	28199	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	56
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	43
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	Tetramethylammonium acetate	133	C6H15NO2	010581-12-1	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

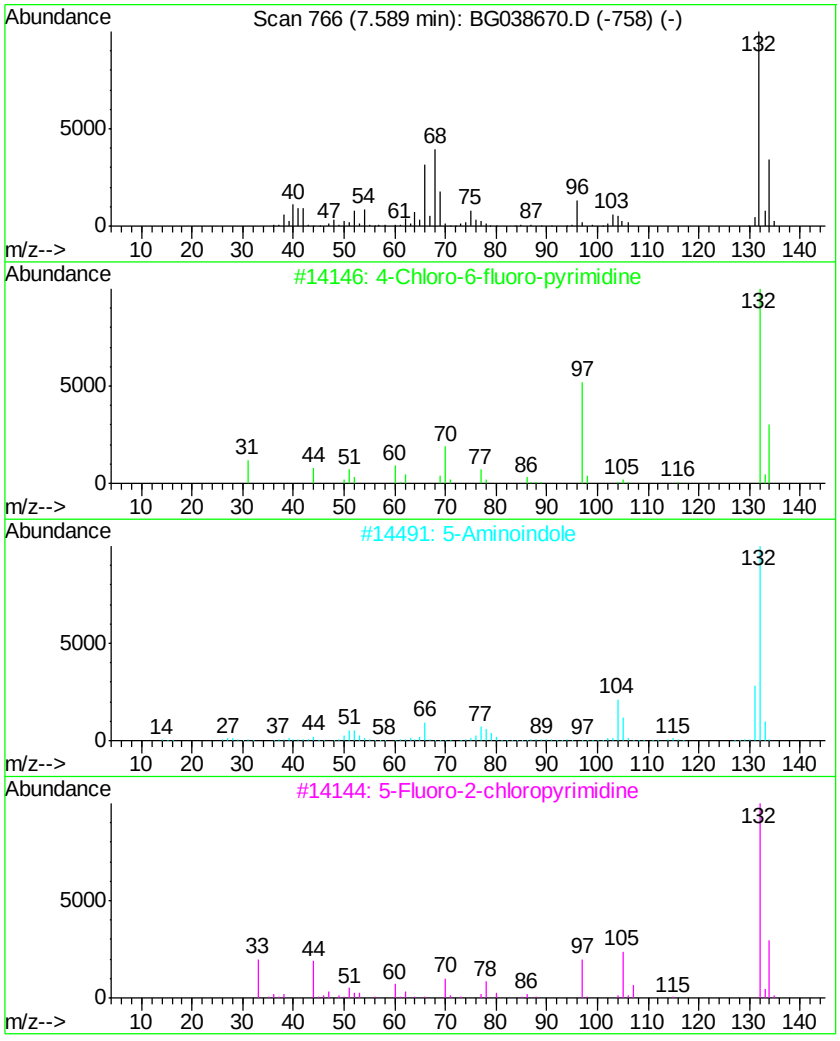
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

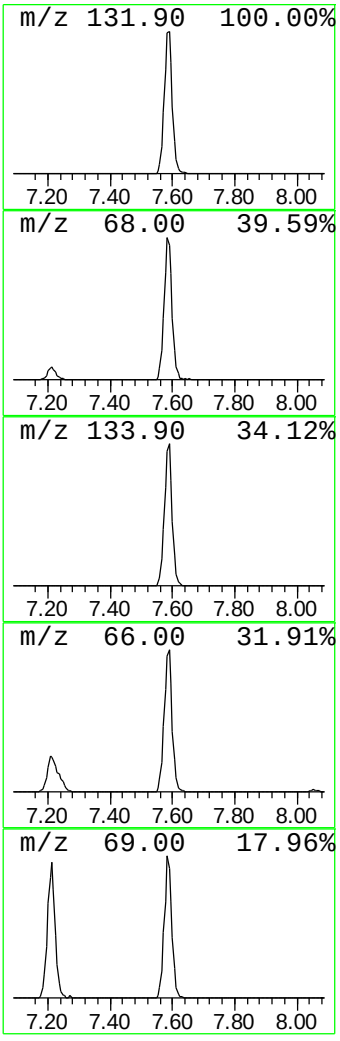
****

Peak Number 2 unknown.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	72.15 ng	511378	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

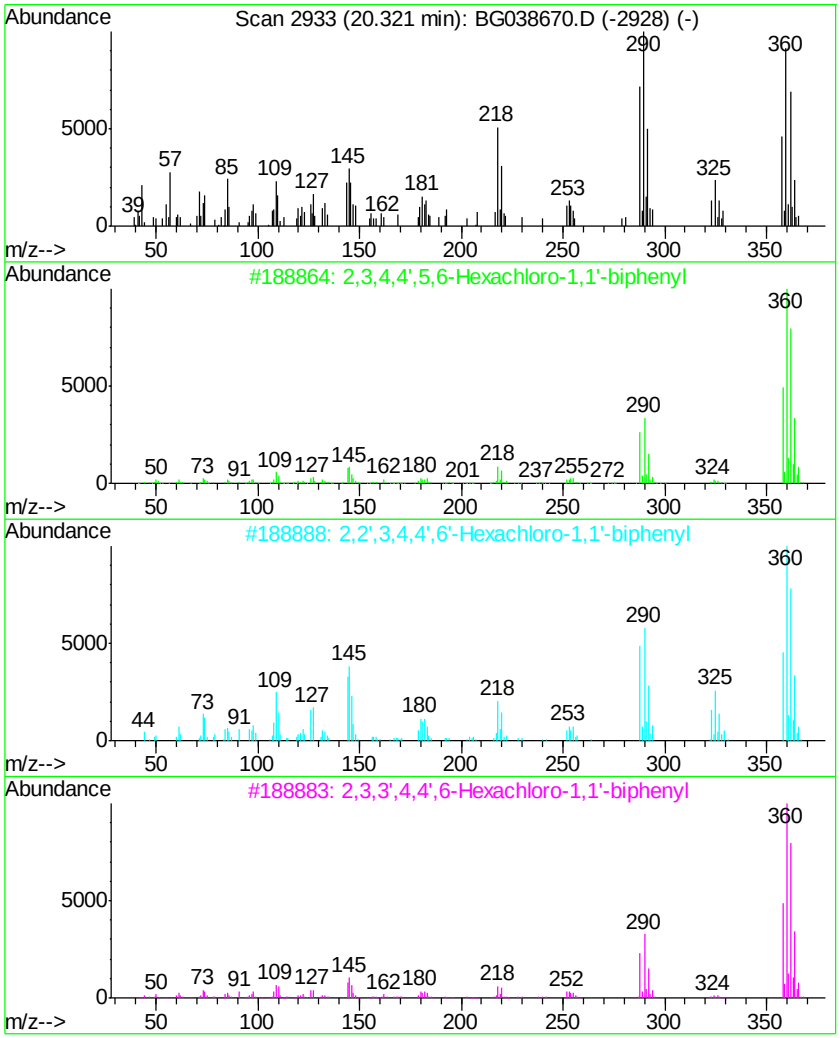
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

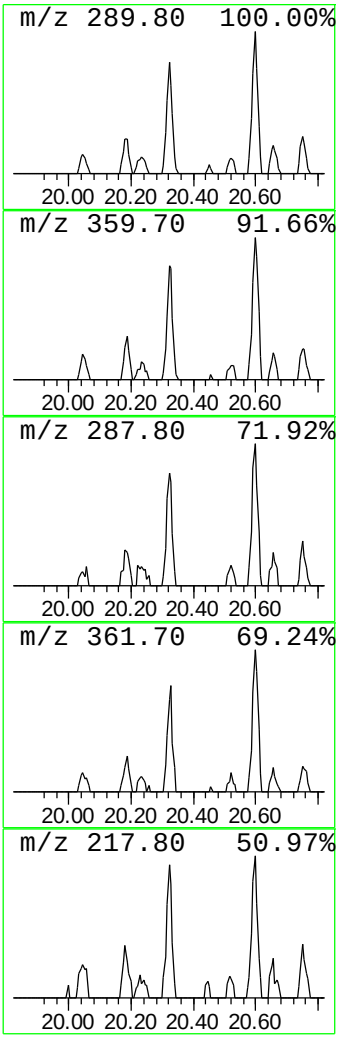
****

Peak Number 4 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.76 ng	72580	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

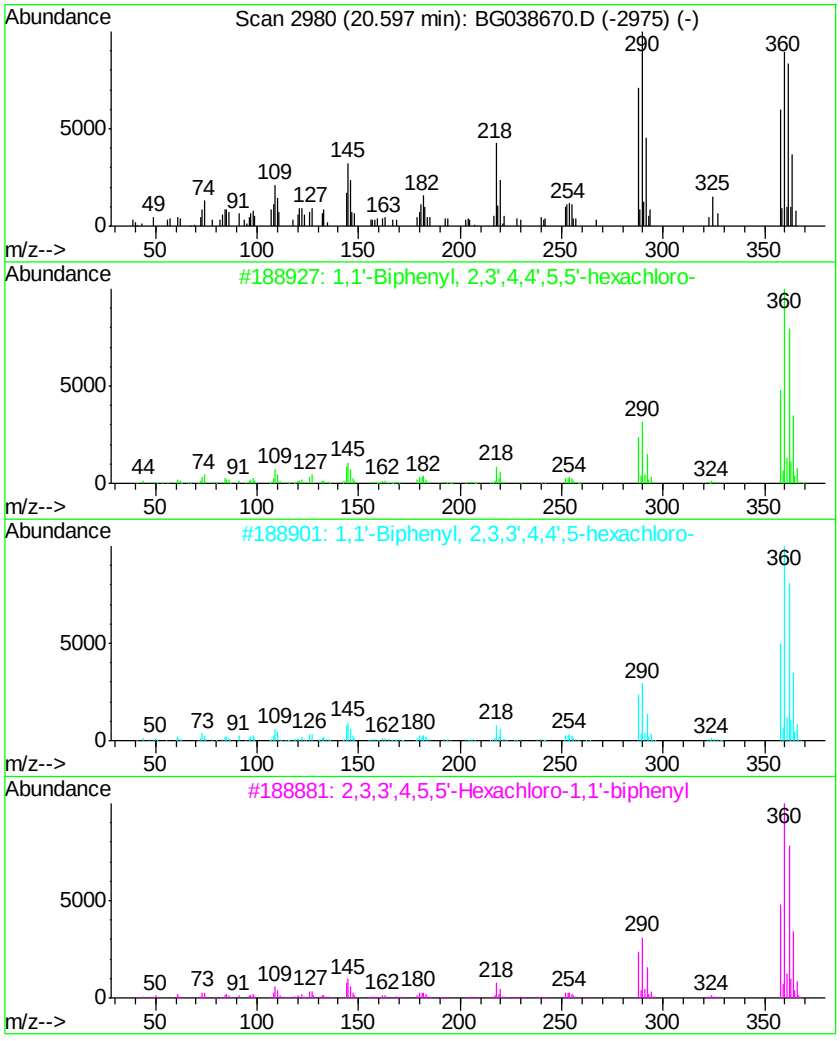
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

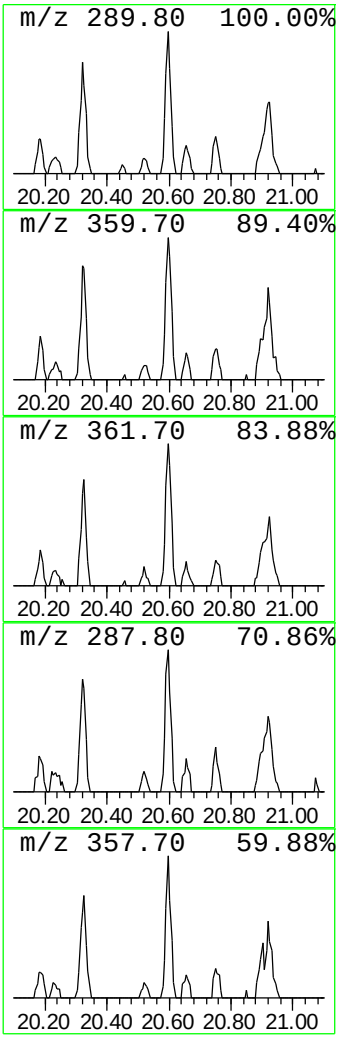
****

Peak Number 5 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.81 ng	73988	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	98





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

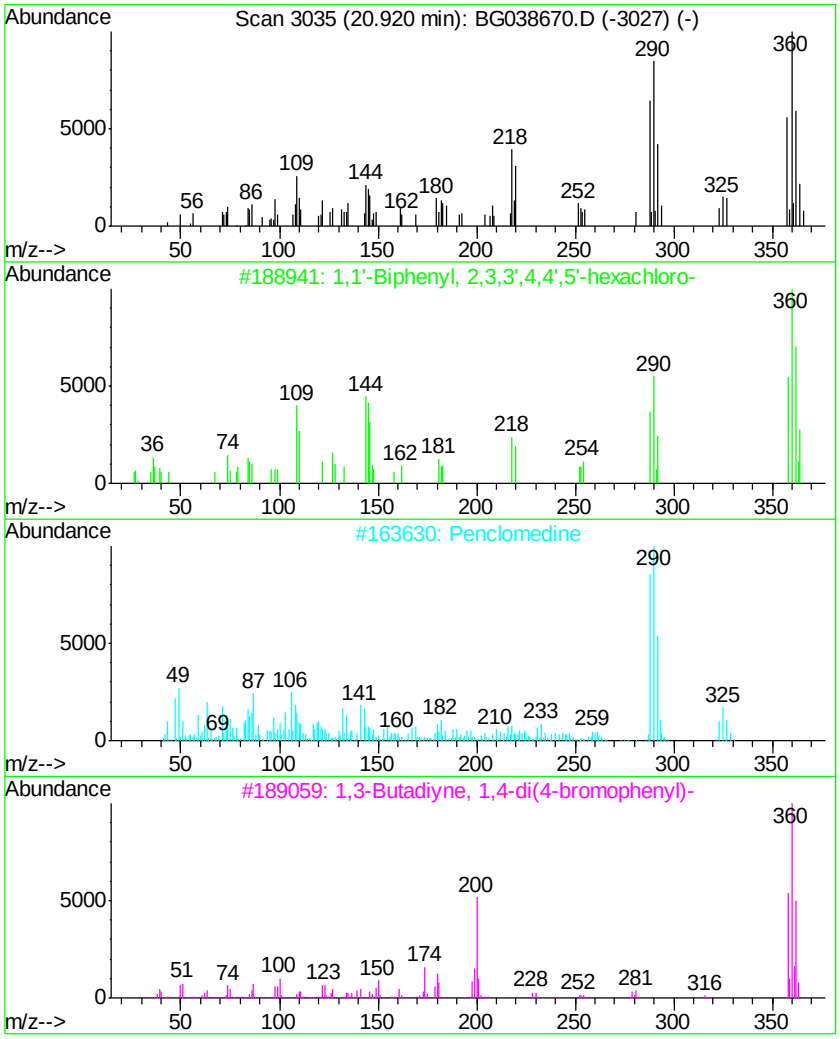
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

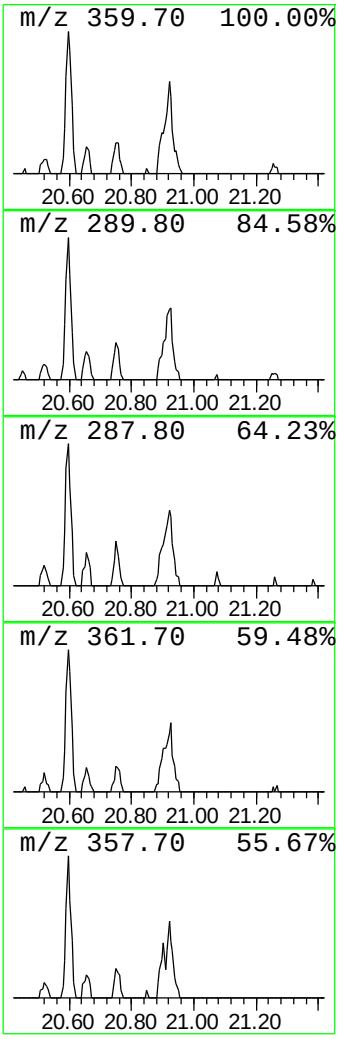
****

Peak Number 6 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.36 ng	62158	Chrysene-d12	21.73

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	72
2	Penclomedine	323	C8H6Cl5NO2	108030-77-9	30
3	1,3-Butadiyne, 1,4-di(4-bromophe...	358	C16H8Br2	000959-88-6	30
4	4,4'3'-Trichlorodiphenylsulfide	288	C12H7Cl3S	1000283-58-7	22
5	2,7-Dibromopyrene	358	C16H8Br2	102587-98-4	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

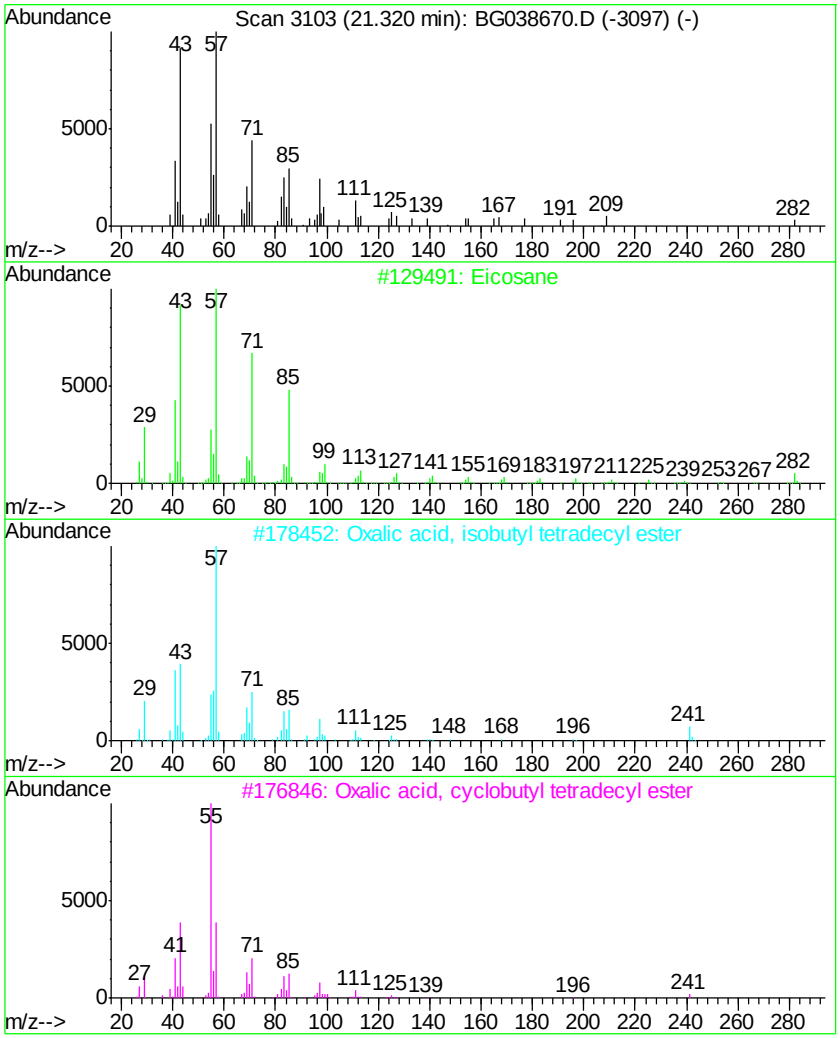
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

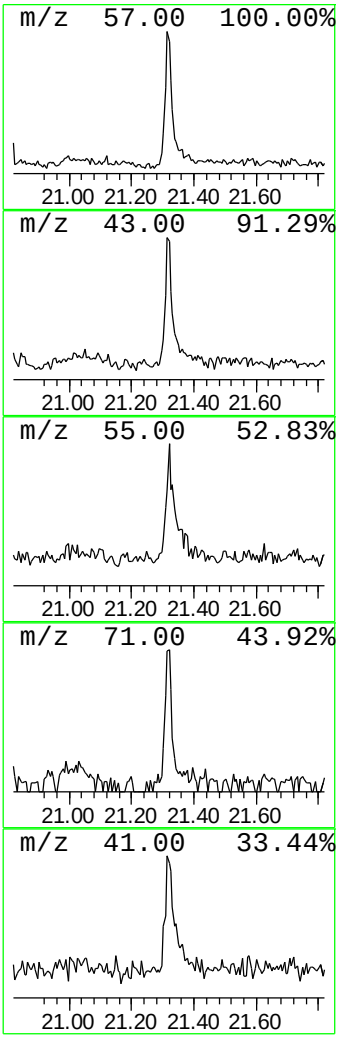
****

Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.18 ng	57443	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	90
3	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	86
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	86
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

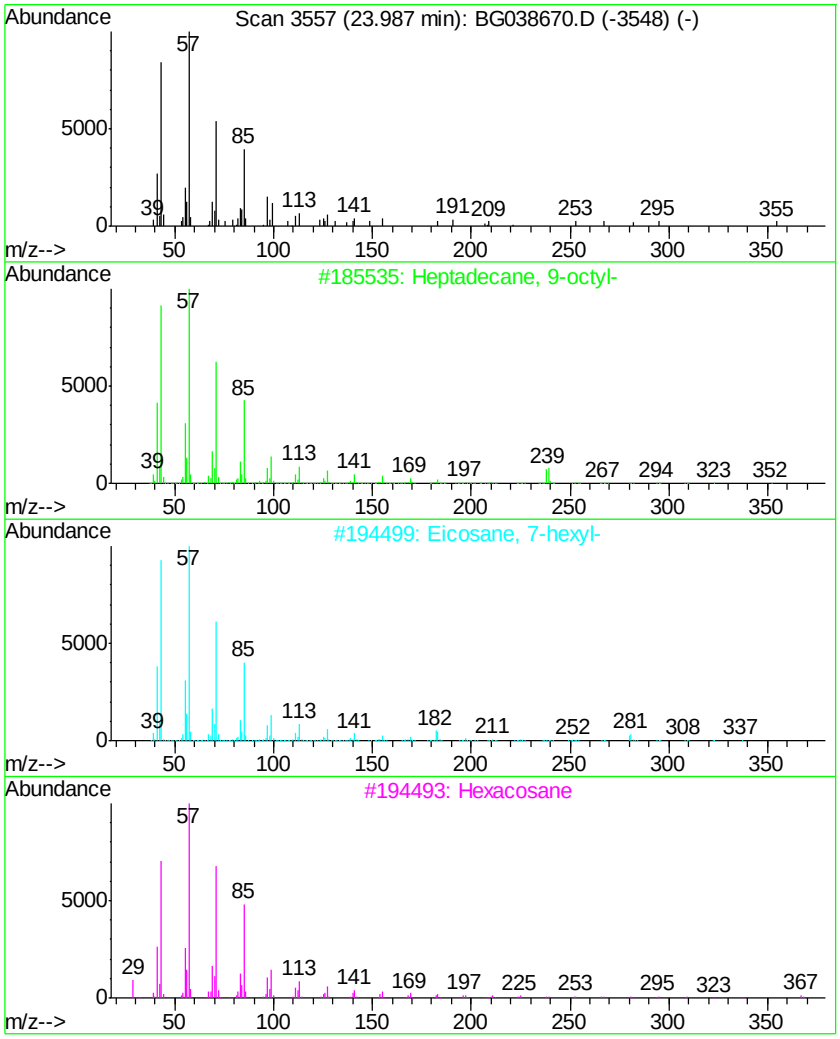
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

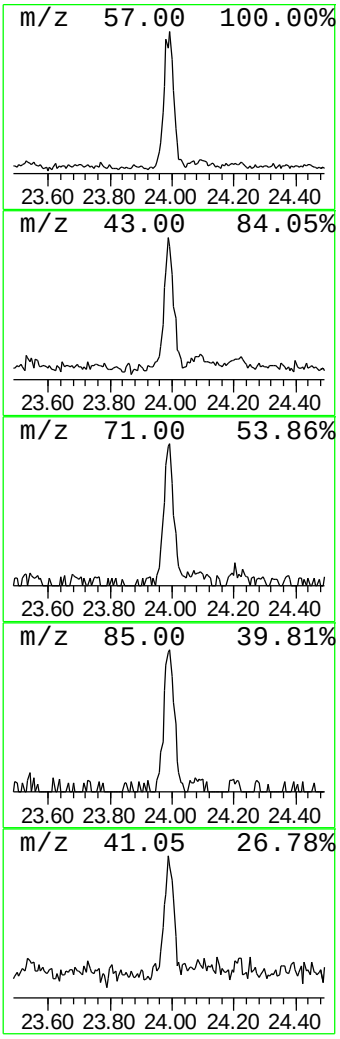
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.62 ng	79811	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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

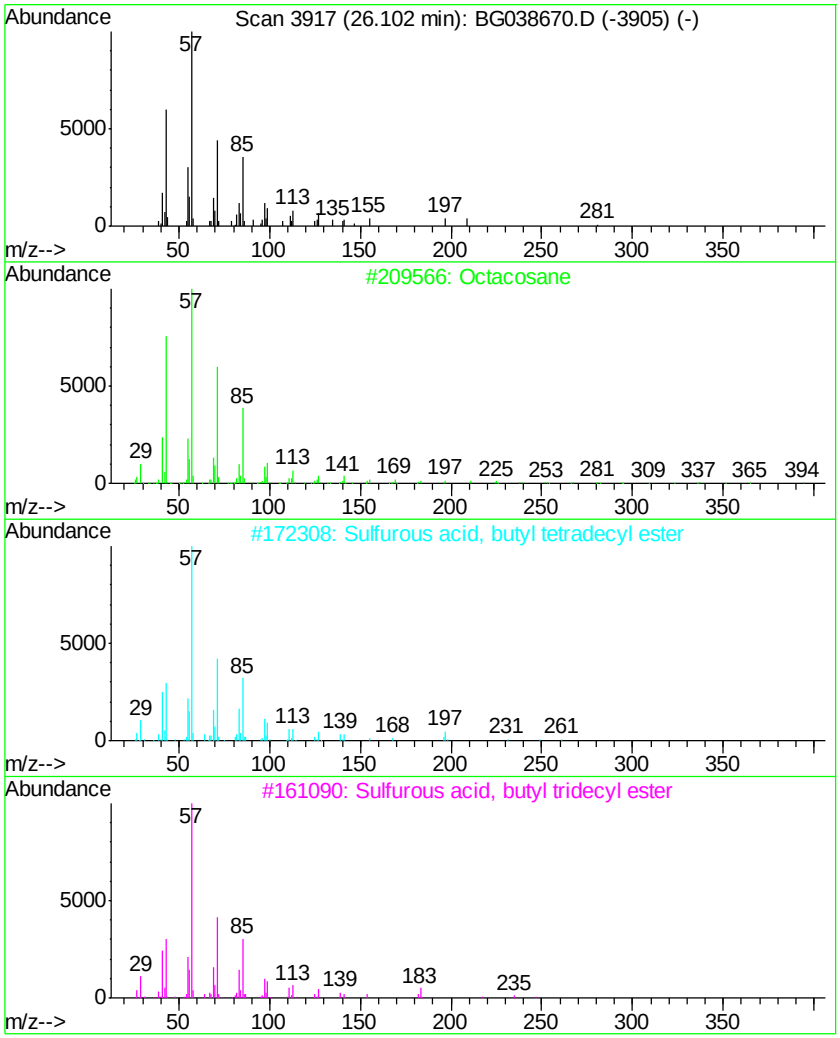
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

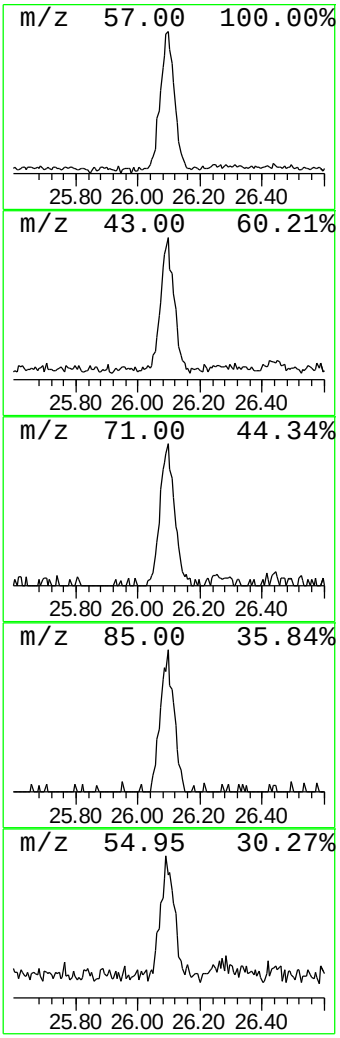
****

Peak Number 9 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	5.13 ng	113022	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	90
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038670.D
Acq On : 17 Dec 2018 19:42
Operator : JU/SJ
Sample : J6391-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS015-1218-01

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	4.0	ng	28199	1	8.06	141748	20.0
unknown.59	7.59	72.2	ng	511378	1	8.06	141748	20.0
2,3,4,4',5,6-Hexa...	20.32	2.8	ng	72580	5	21.73	525823	20.0
1,1'-Biphenyl, 2,...	20.60	2.8	ng	73988	5	21.73	525823	20.0
1,1'-Biphenyl, 2,...	20.92	2.4	ng	62158	5	21.73	525823	20.0
Eicosane	21.32	2.2	ng	57443	5	21.73	525823	20.0
Heptadecane, 9-oc...	23.99	3.6	ng	79811	6	25.02	440415	20.0
Octacosane	26.10	5.1	ng	113022	6	25.02	440415	20.0