LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

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:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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	3.592	122	128	149	rVB	5707021	10869677	37.78%	6.759%
2	5.325	415	423	434	rBV	313262	512472	1.78%	0.319%
3	5.795	496	503	511	rVB	1235719	2069420	7.19%	1.287%
4	6.770	664	669	674	rVB	269235	424939	1.48%	0.264%
5	6.882	681	688	695	rVB3	246151	577516	2.01%	0.359%
6	7.211	739	744	751	rBV2	572675	984887	3.42%	0.612%
7	7.399	767	776	782	rBV2	906392	1948965	6.77%	1.212%
8	7.787	834	842	850	rVB	2120277	4057340	14.10%	2.523%
9	7.893	854	860	869	rBV2	170589	387190	1.35%	0.241%
10	8.204	907	913	918	rVB	801046	1275677	4.43%	0.793%
11	8.263	918	923	933	rVB3	391471	833886	2.90%	0.519%
12	8.357	933	939	946	rBV4	260355	547933	1.90%	0.341%
13	8.462	952	957	965	rVB	789648	1426048	4.96%	0.887%
14	8.586	972	978	985	rVB	1922101	3332694	11.58%	2.072%
15	8.774	1004	1010	1015	rBV	606508	1156175	4.02%	0.719%
16	8.903	1024	1032	1037	rBV	537563	977627	3.40%	0.608%
17	9.115	1060	1068	1071	rBV2	261792	541182	1.88%	0.337%
18	9.355	1105	1109	1115	rVB5	189394	331862	1.15%	0.206%
19	9.438	1116	1123	1133	rBV	1705226	3310451	11.51%	2.058%
20	9.884	1189	1199	1207	rVB3	471773	1279149	4.45%	0.795%
21	10.442	1277	1294	1303	rBV3	845003	3030256	10.53%	1.884%
22	10.971	1377	1384	1390	rBV5	160427	395997	1.38%	0.246%
23	11.095	1397	1405	1418	rVV3	798857	2007981	6.98%	1.249%
24	11.200	1418	1423	1431	rVB2	267103	523643	1.82%	0.326%
25	11.770	1513	1520	1522	rBV5	233646	495166	1.72%	0.308%
26	11.876	1531	1538	1545	rBV3	546423	1208608	4.20%	0.752%
27	12.052	1563	1568	1573	rBV	404592	649994	2.26%	0.404%
28	12.663	1665	1672	1678	rVB4	348418	854821	2.97%	0.532%
29	13.069	1737	1741	1749	rBV5	433139	1129634	3.93%	0.702%
30	13.145	1750	1754	1755	rBV	446701	524392	1.82%	0.326%
31	13.327	1781	1785	1789	rBV3	395020	561566	1.95%	0.349%
32	13.380	1790	1794	1800	rVV	1045829	1625359	5.65%	1.011%
33	13.504	1809	1815	1821	rVB	4043789	6440828	22.39%	4.005%
34	13.909	1880	1884	1890	rVB6	464945	824925	2.87%	0.513%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

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:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.191	1928	1932	1936	rBV2	650996	1106534	3.85%	0.688%
36	14.238	1937	1940	1944	rVV4	539892	865176	3.01%	0.538%
37	14.320	1945	1954	1959	rVV5	3297910	7213605	25.07%	4.485%
38	14.696	2015	2018	2025	rVB3	1162760	1766433	6.14%	1.098%
39	14.814	2033	2038	2041	rBV2	1390681	2466309	8.57%	1.534%
40	14.943	2056	2060	2063	rBV3	1016394	1481662	5.15%	0.921%
41	15.742	2193	2196	2200	rVB2	1714669	2456185	8.54%	1.527%
42	16.095	2250	2256	2262	rBV	8273757	15525676	53.96%	9.654%
43	16.377	2300	2304	2311	rBV5	4178789	8272228	28.75%	5.144%
44	16.582	2333	2339	2343	rBV	16593306	28770042	100.00%	17.889%
45	17.399	2474	2478	2482	rVB	9738472	14440080	50.19%	8.979%
46	20.207	2951	2956	2961	rVB	7289226	9806372	34.09%	6.098%
47	21.759	3215	3220	3228	rVB	3450615	5032716	17.49%	3.129%
48	21.917	3243	3247	3254	rVB	1387700	2562057	8.91%	1.593%
49	25.349	3826	3831	3839	rVB	734193	1937599	6.73%	1.205%

Sum of corrected areas: 160820934

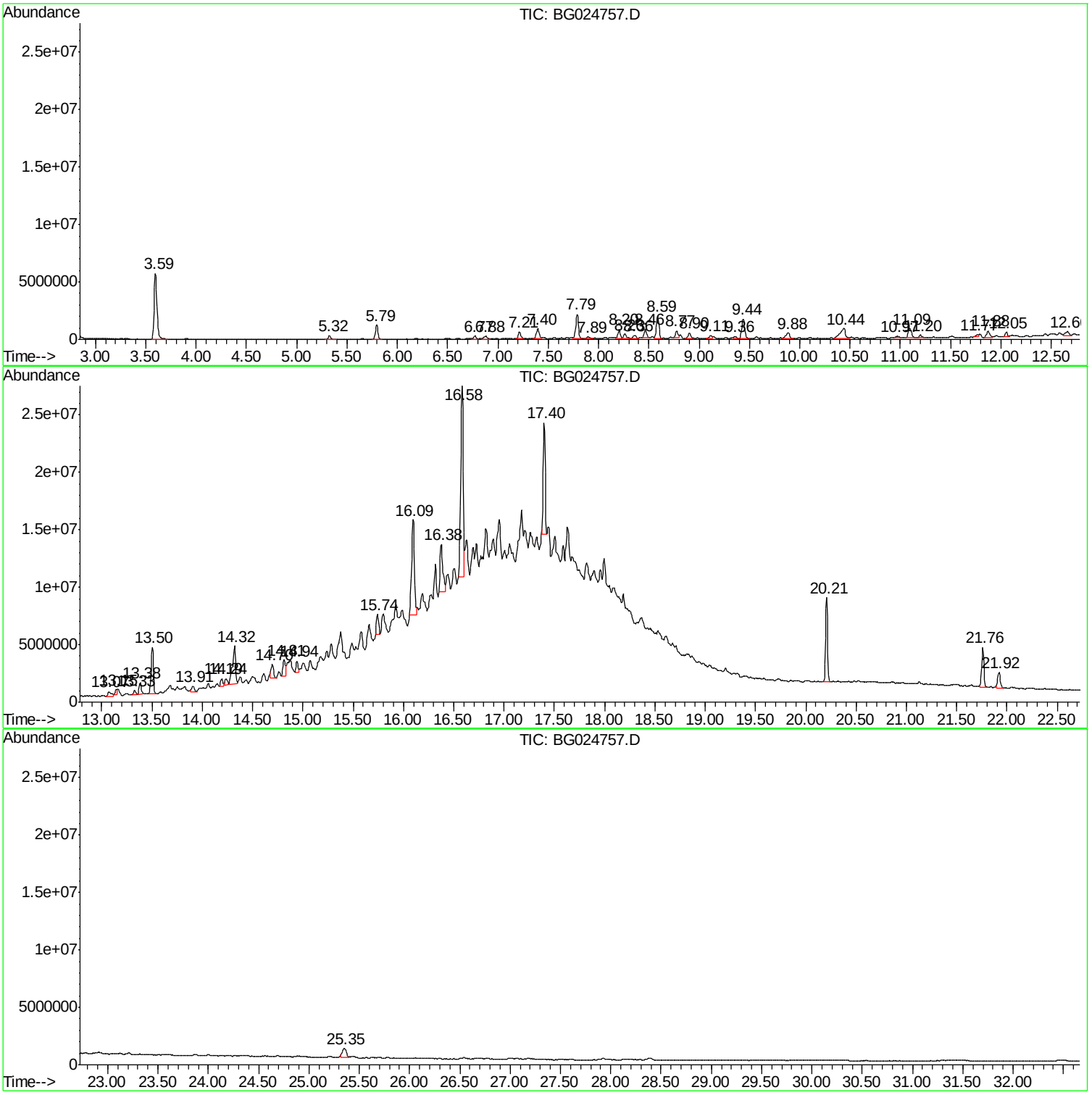
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

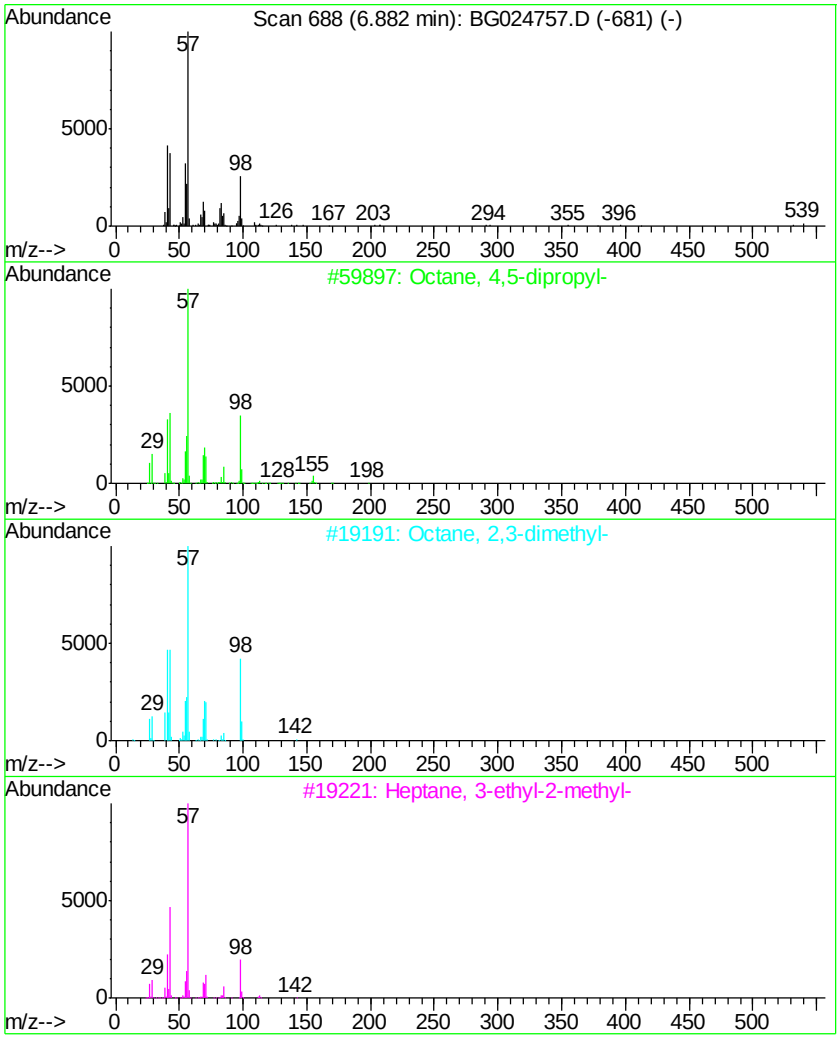
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

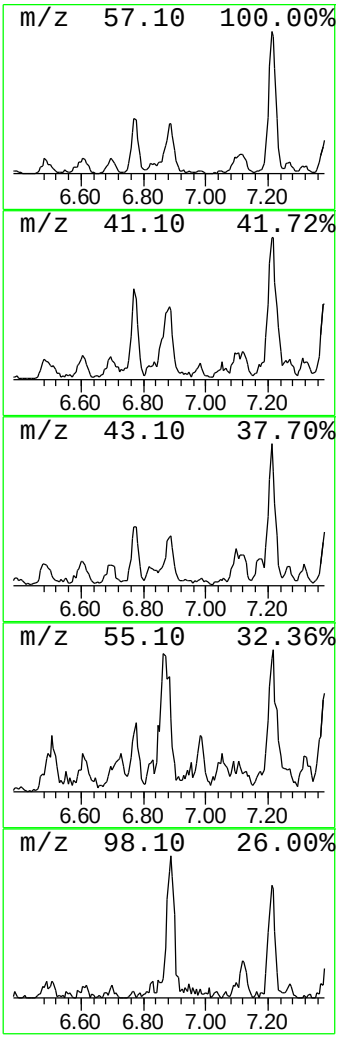
****

Peak Number 2 Octane, 4,5-dipropyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	13.85 ng	577516	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
4	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	43
5	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

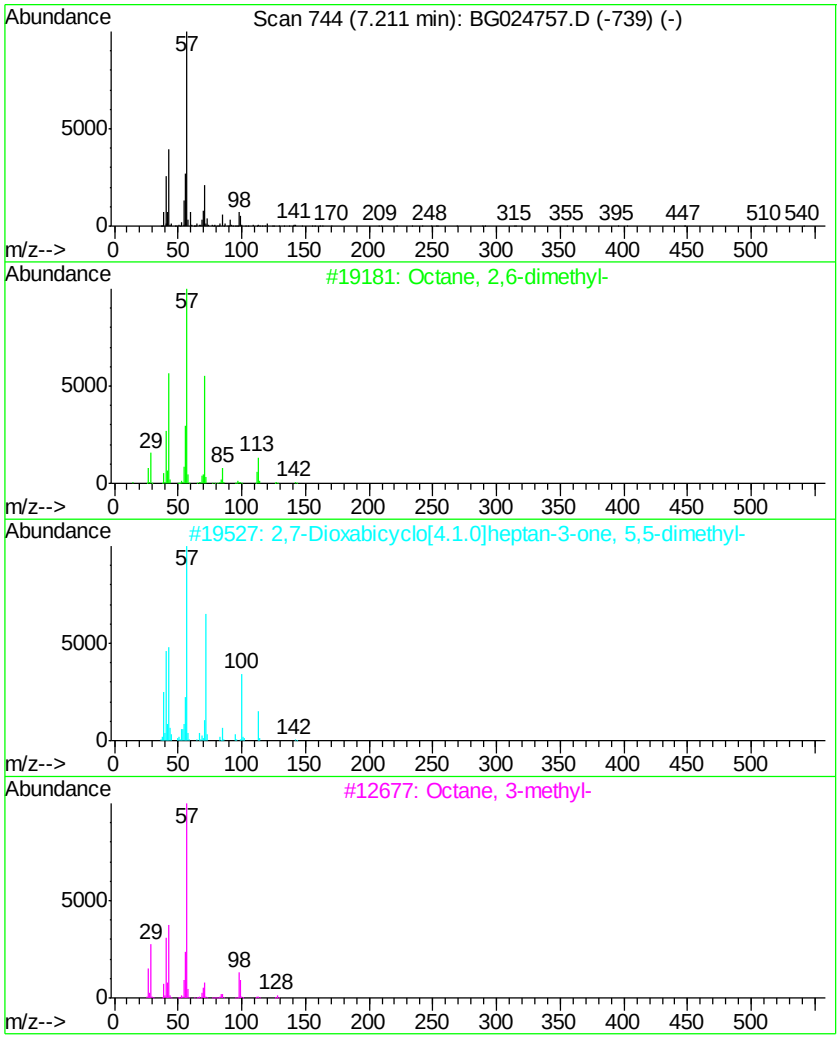
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

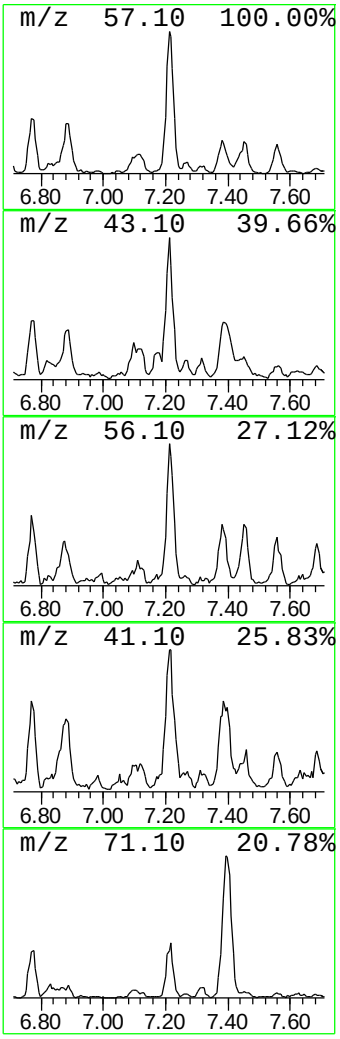
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	23.62 ng	984887	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
2	2,7-Dioxabicyclo[4.1.0]heptan-3-...	142	C7H10O3	126186-97-8	50
3	Octane, 3-methyl-	128	C9H20	002216-33-3	47
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

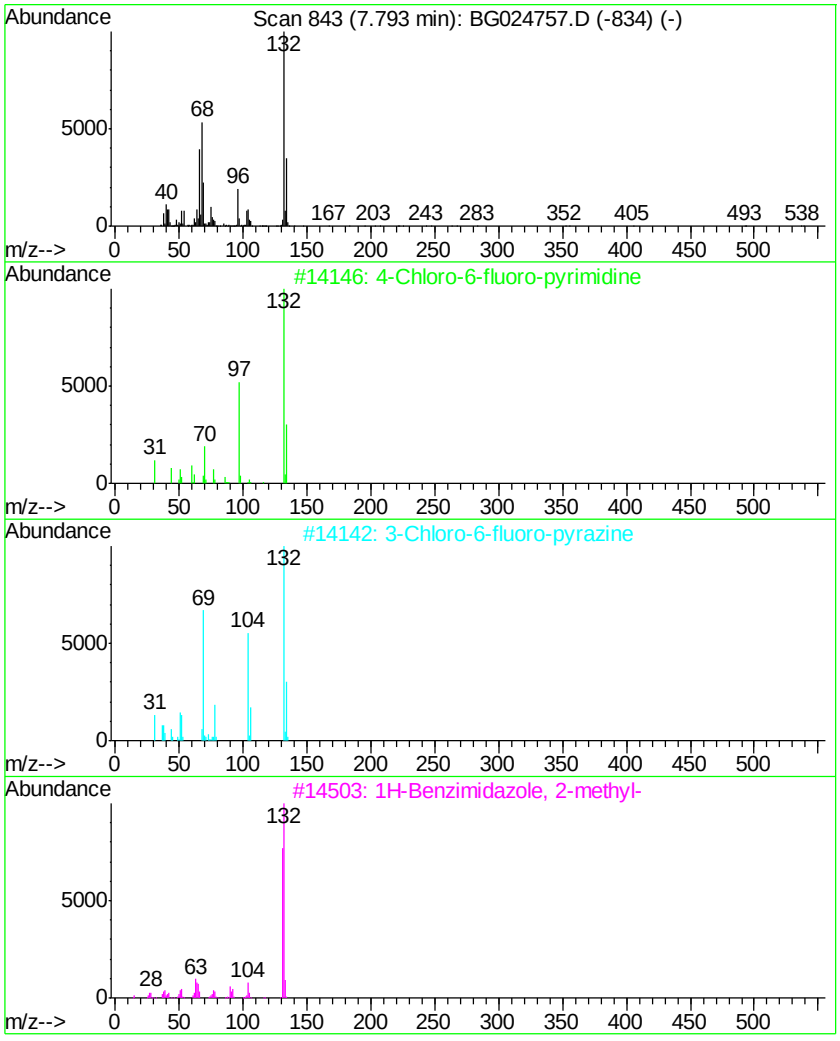
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

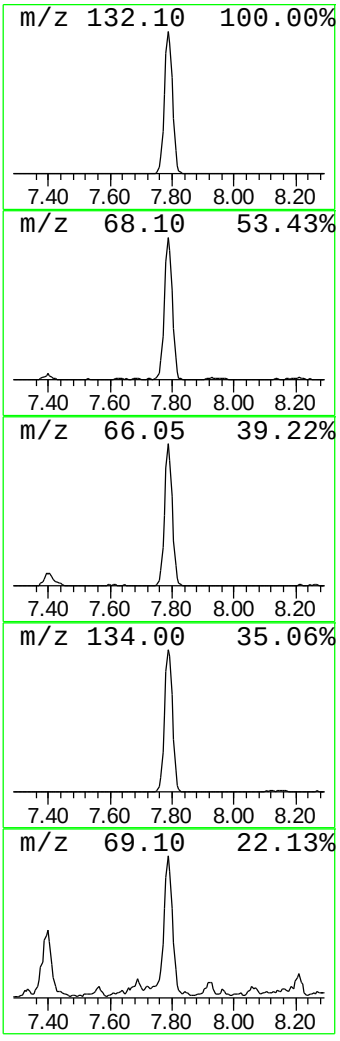
****

Peak Number 4 unknown7.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	97.31 ng	4057340	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

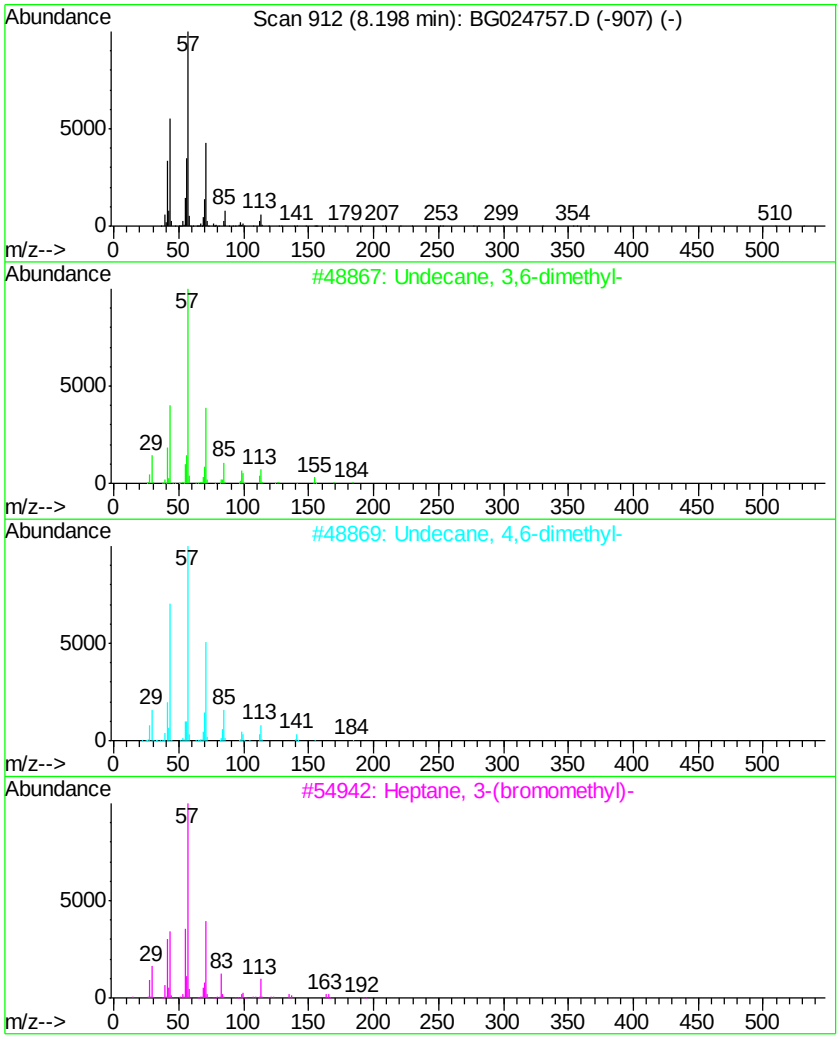
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

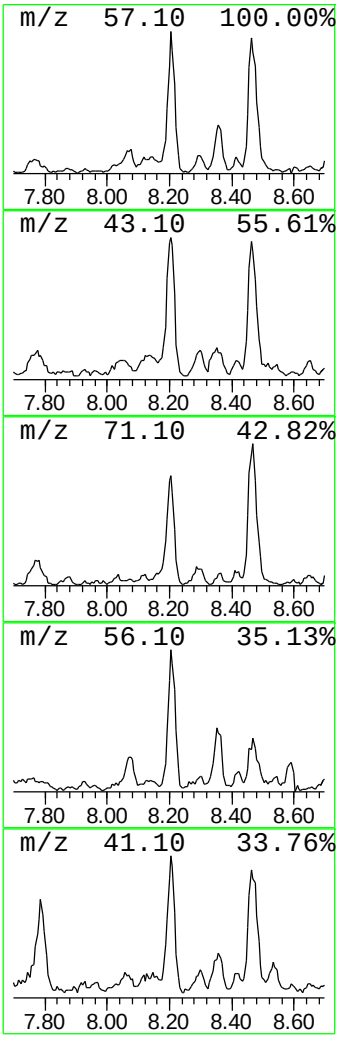
****

Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	30.60 ng	1275680	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
3	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

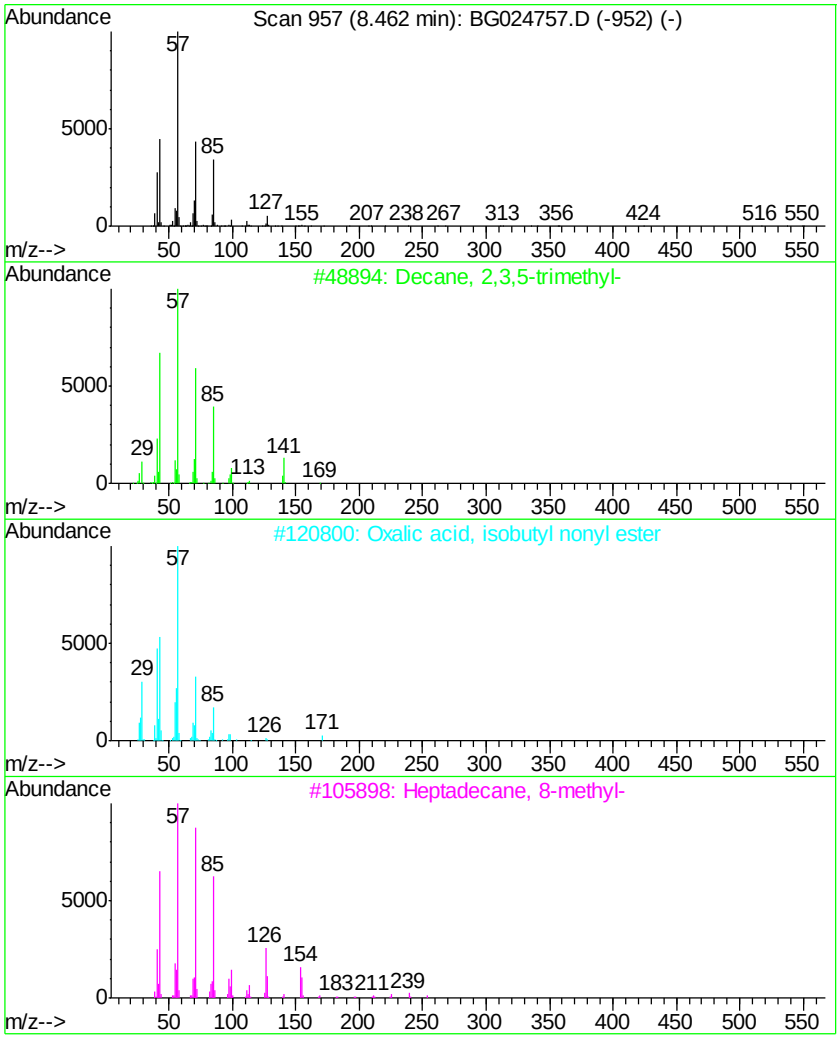
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

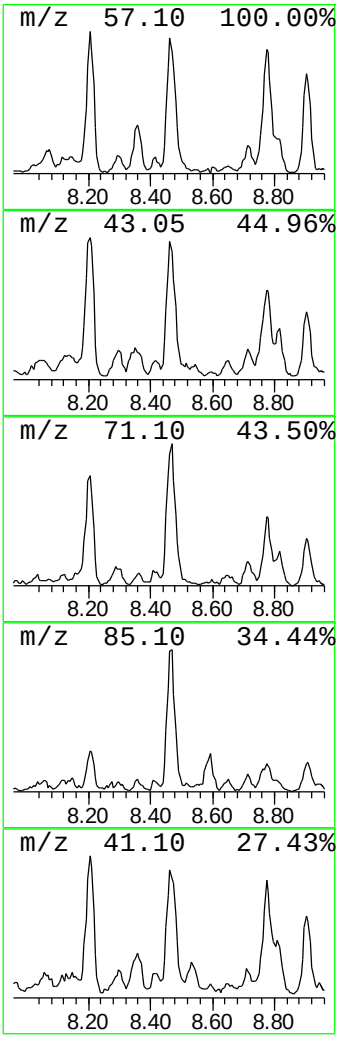
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	34.20 ng	1426050	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	72
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

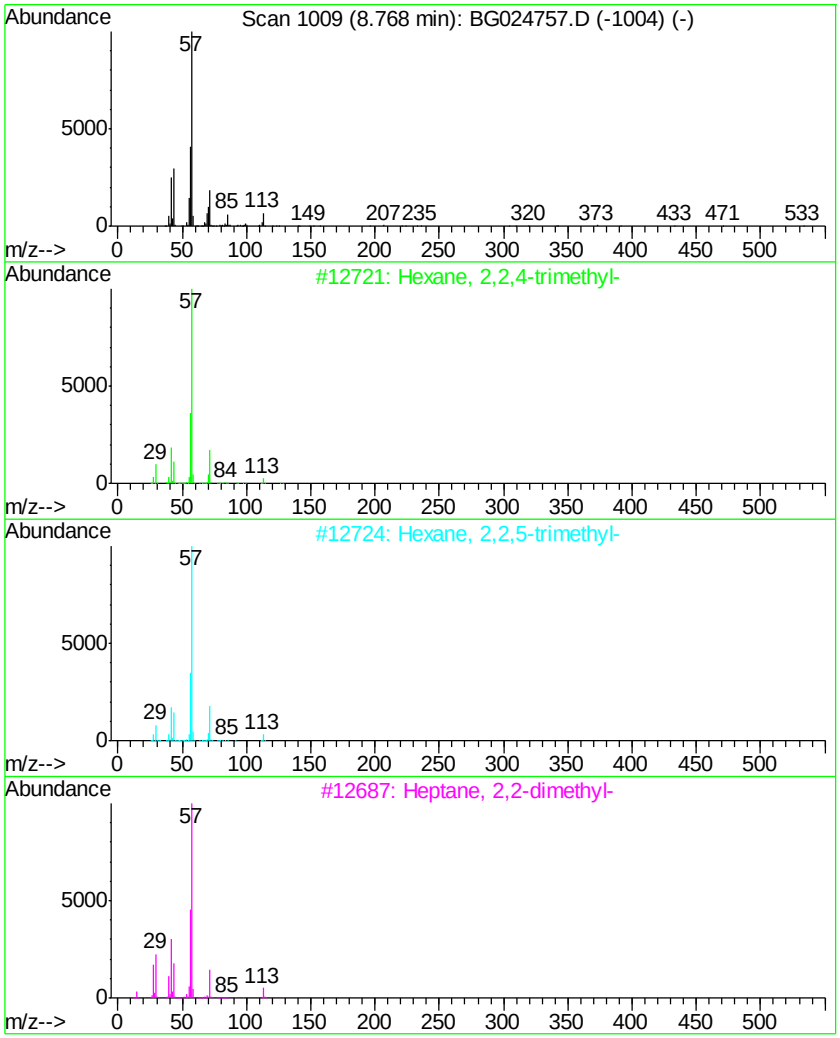
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

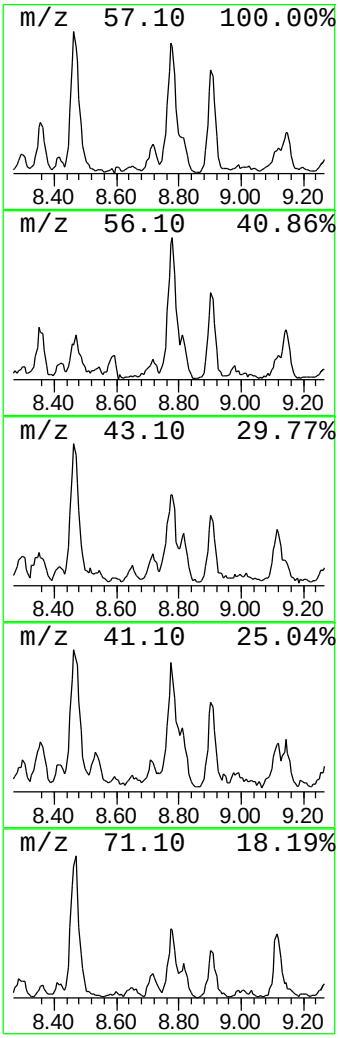
****

Peak Number 8 Hexane, 2,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	27.73 ng	1156180	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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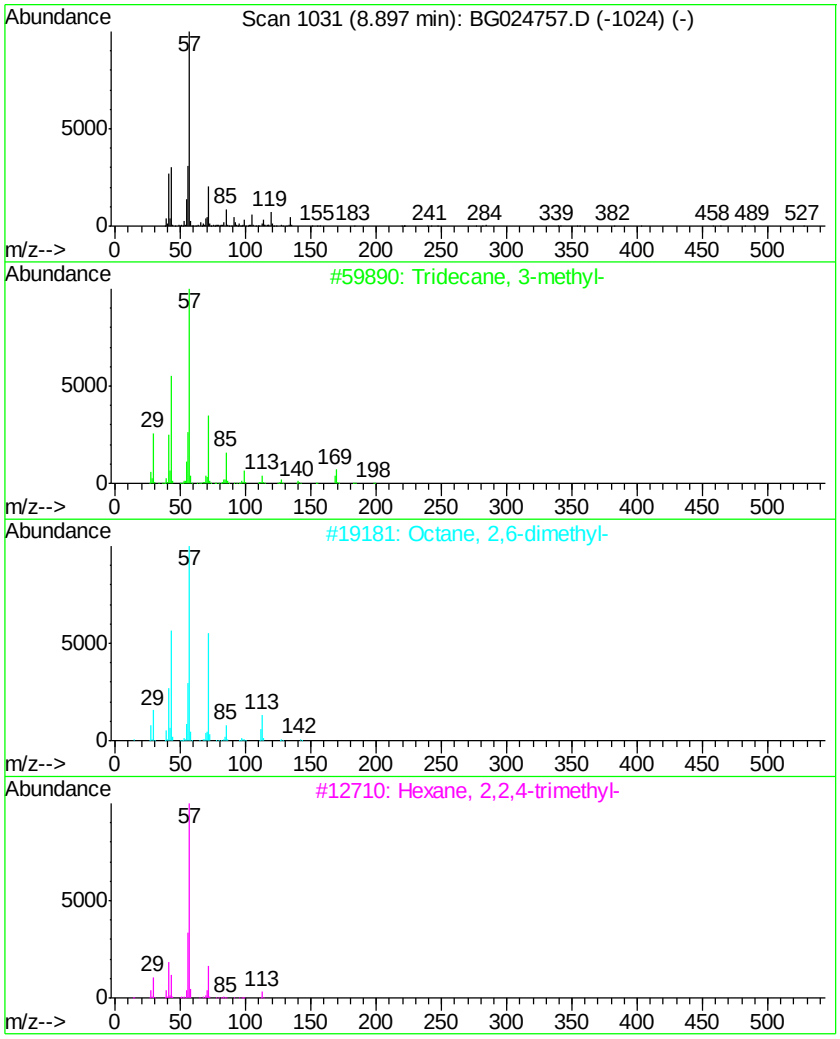
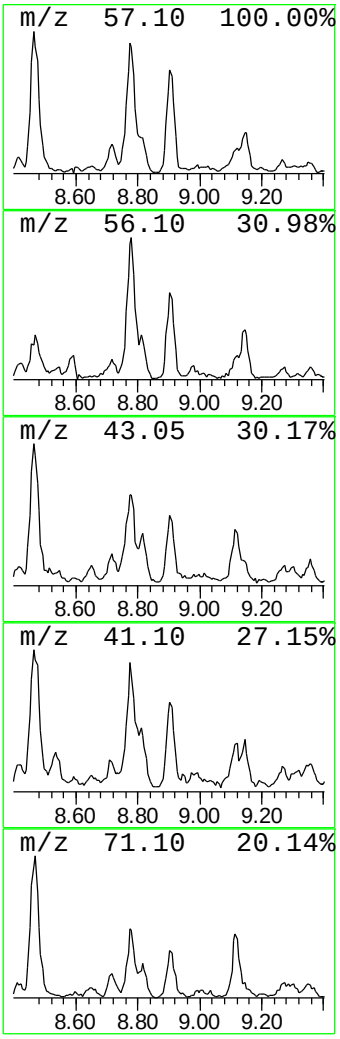
Peak Number 9 Tridecane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	23.45 ng	977627	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

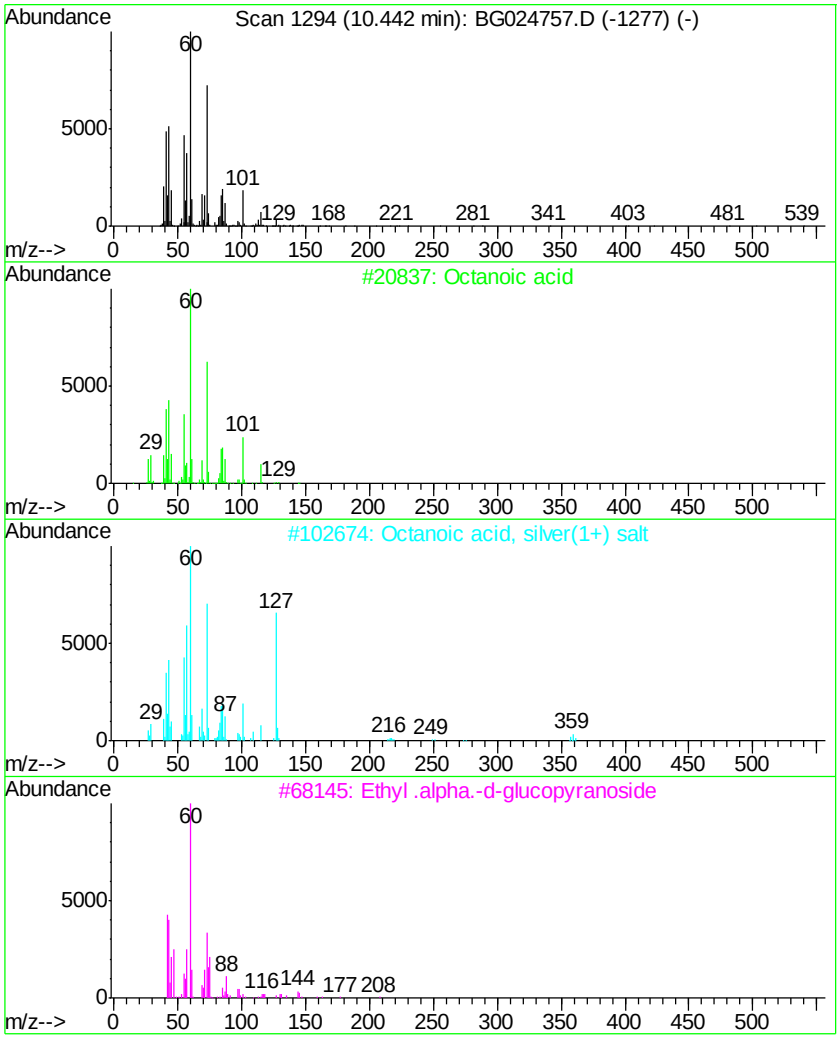
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

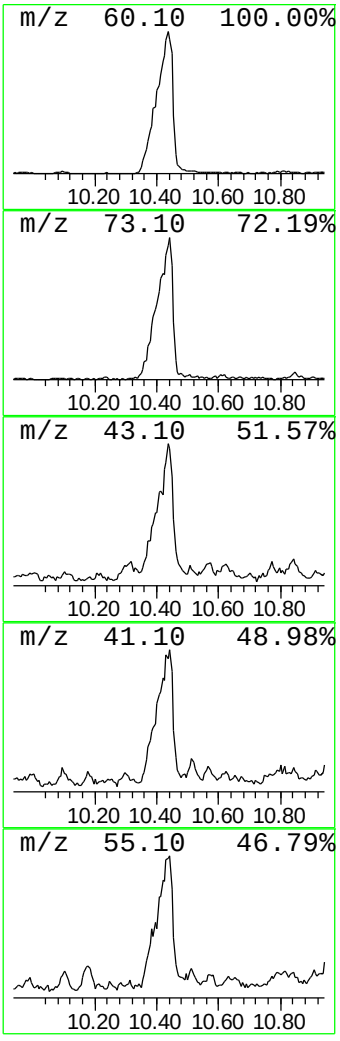
****

Peak Number 10 Octanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	30.18 ng	3030260	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	90
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	78
3	Ethyl .alpha.-d-glucopyranoside	208	C8H16O6	1000127-29-4	59
4	Nonanoic acid	158	C9H18O2	000112-05-0	53
5	Heptanoic acid	130	C7H14O2	000111-14-8	53





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Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

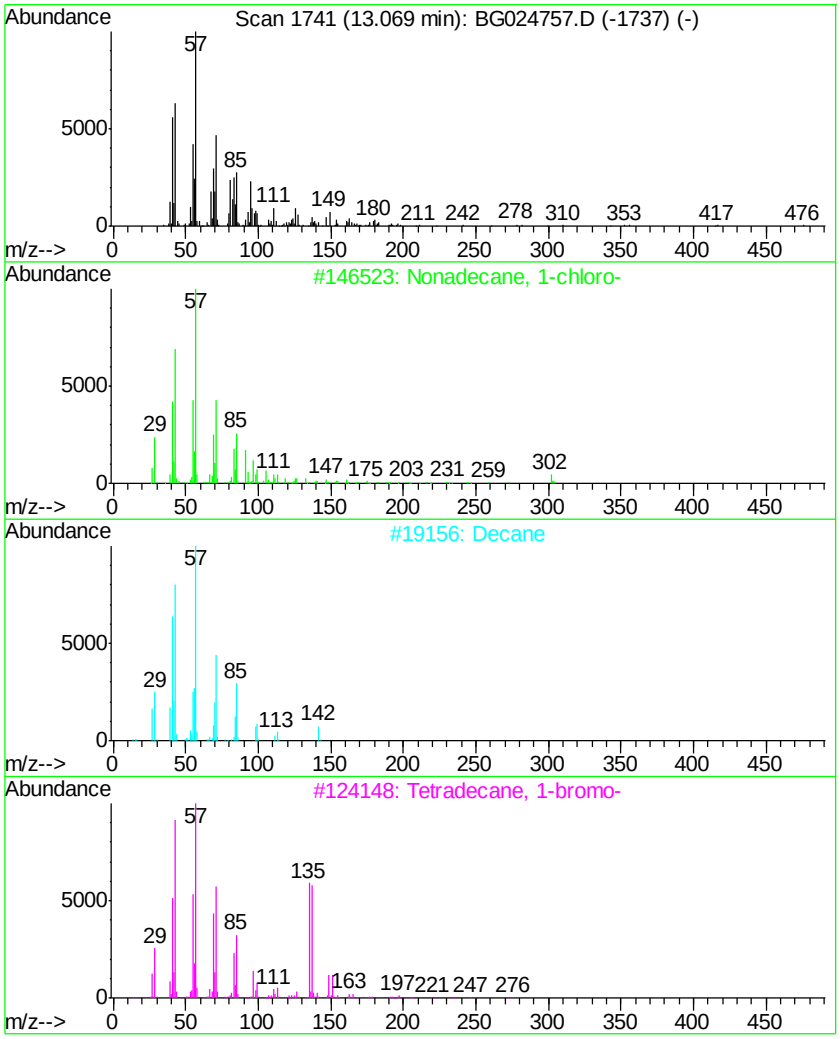
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

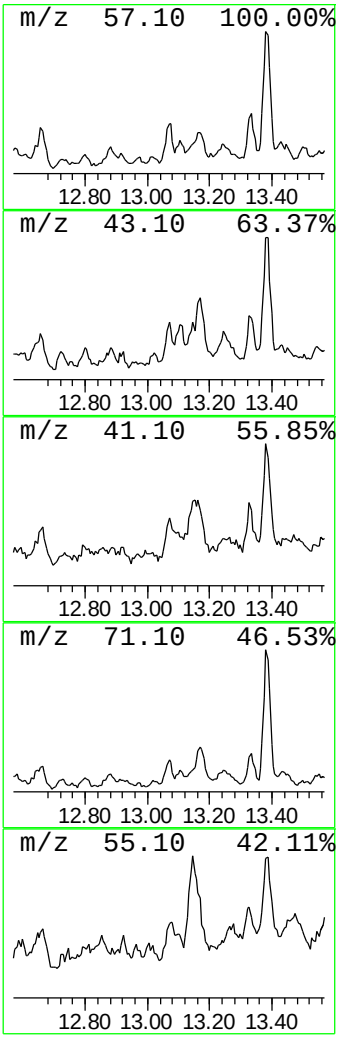
****

Peak Number 11 Nonadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	15.25 ng	1129630	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	58
2	Decane	142	C10H22	000124-18-5	49
3	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	47
4	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	47
5	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	47





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Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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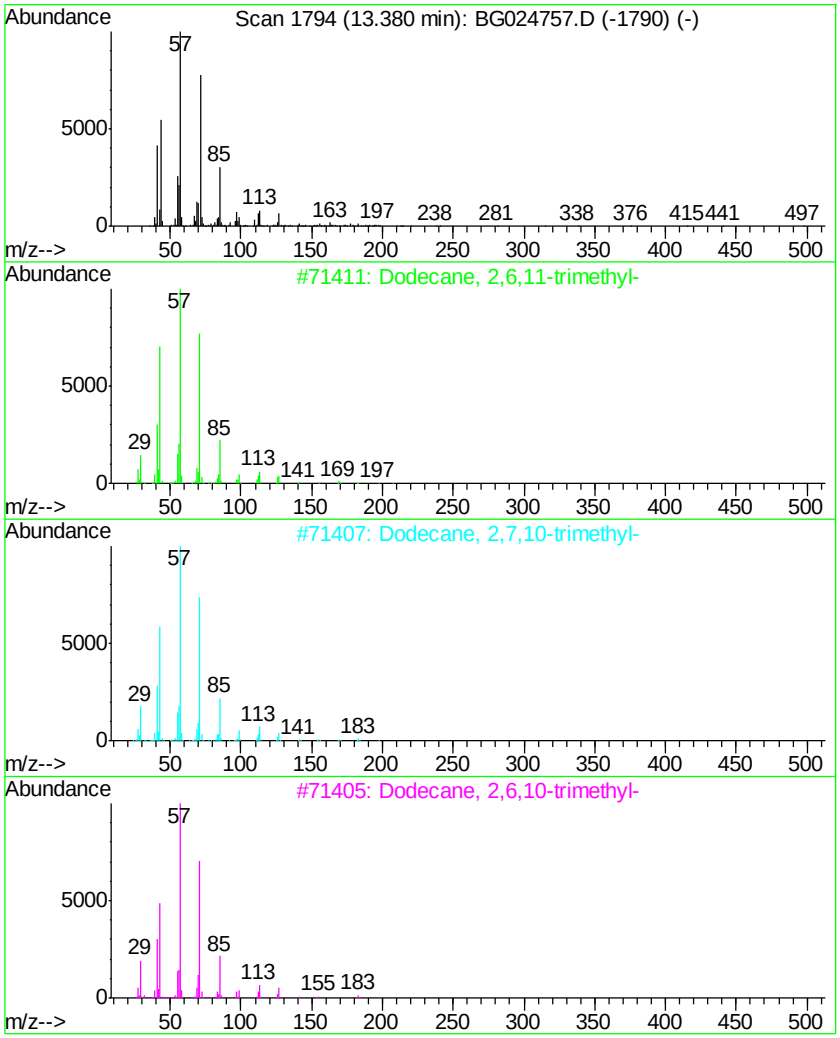
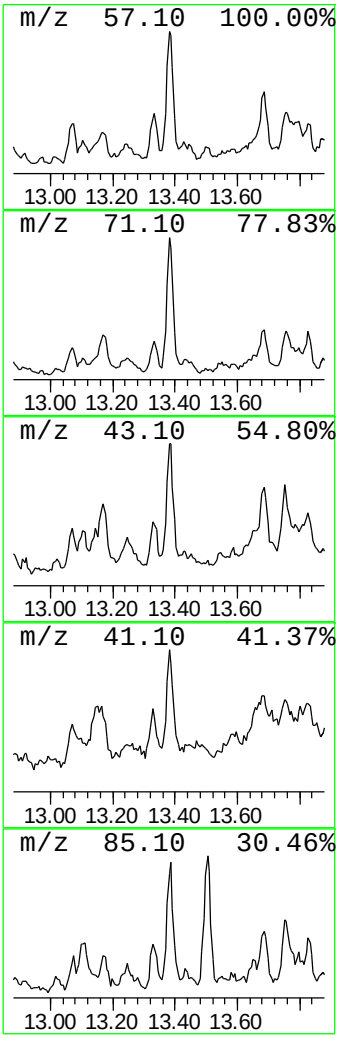
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	21.94 ng	1625360	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	53





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Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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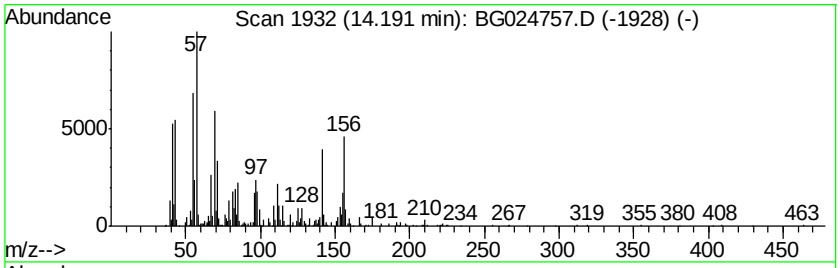
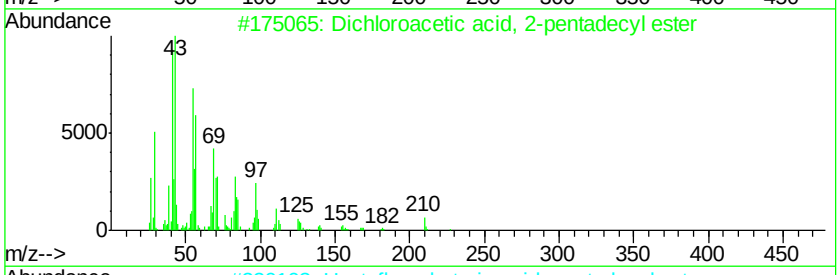
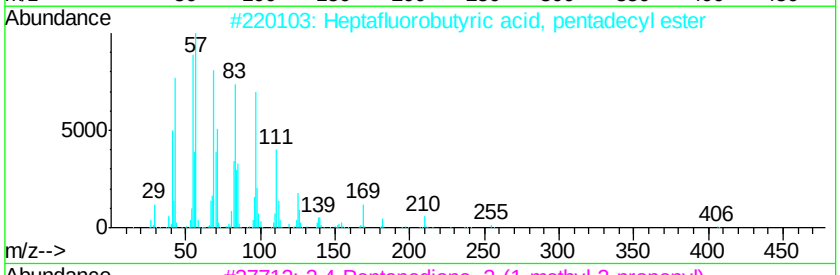
Peak Number 13 unknown14.19 Concentration Rank 19

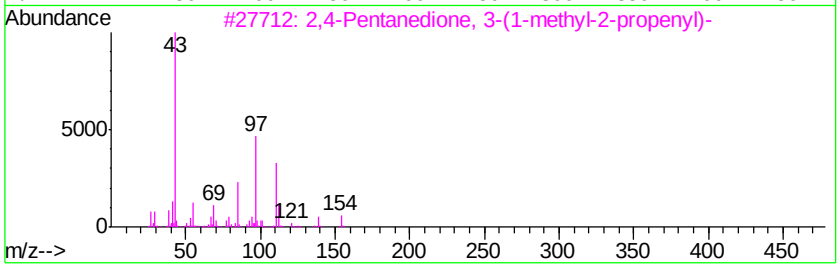
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	14.94 ng	1106530	Acenaphthene-d10	14.88

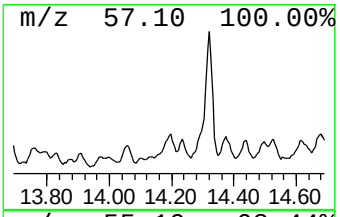
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 2-pentadecy...	338	C17H32Cl2O2	1000280-64-7	22
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	20
3	2,4-Pentanedione, 3-(1-methyl-2-...	154	C9H14O2	029149-83-5	18
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	18
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	14

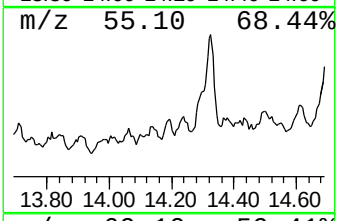


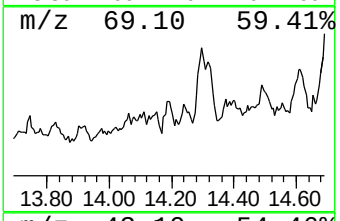


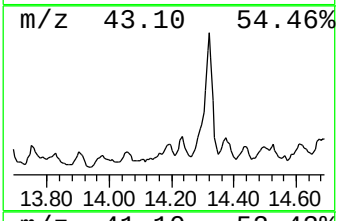


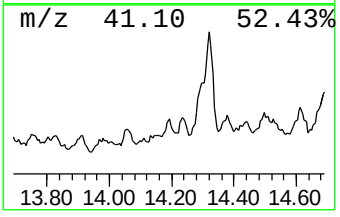












Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

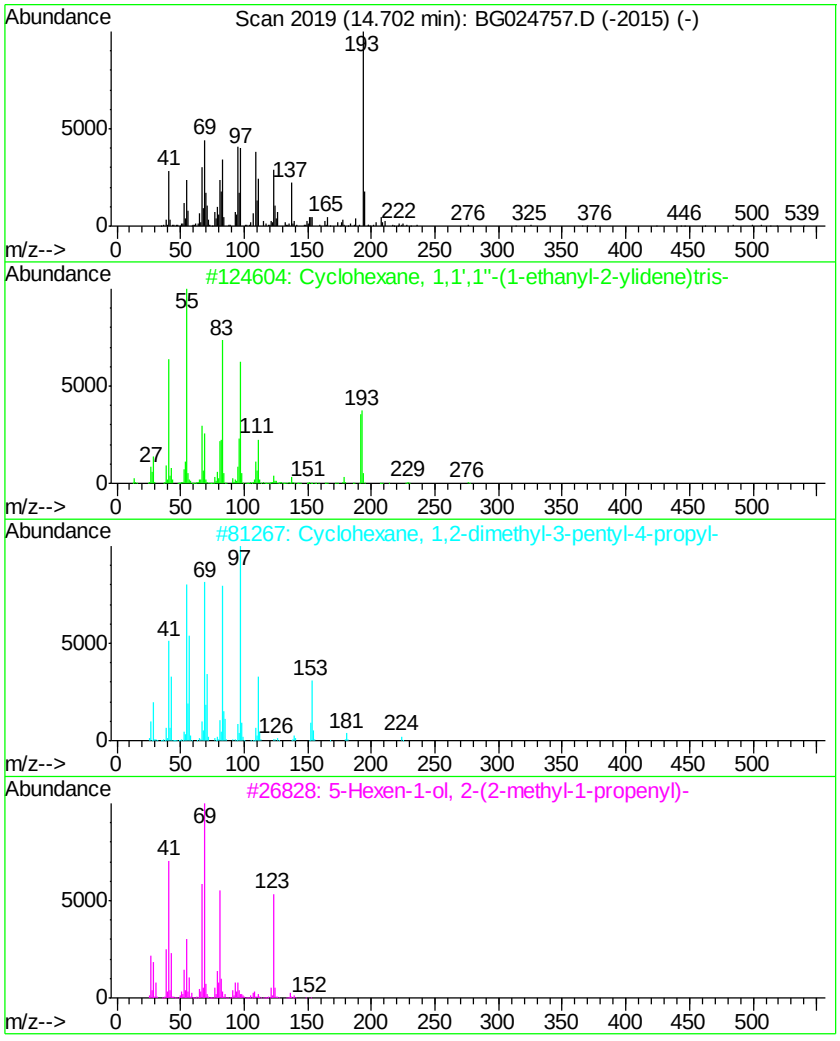
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

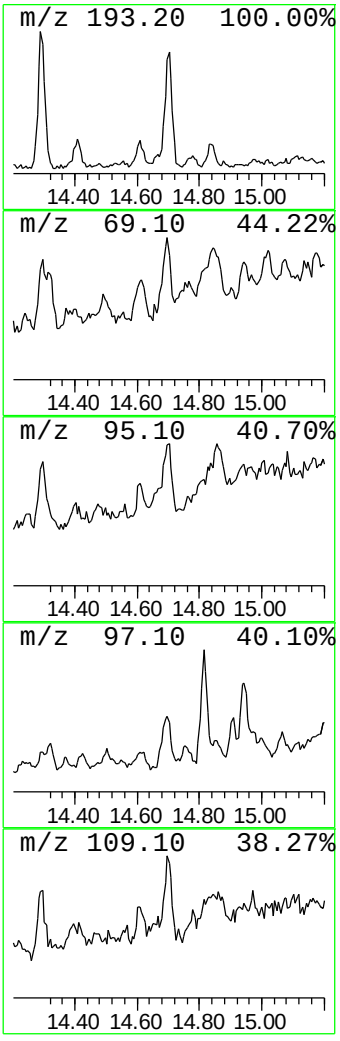
****

Peak Number 14 unknown14.70 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	23.84 ng	1766430	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	27
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	25
3	5-Hexen-1-ol, 2-(2-methyl-1-prop...	154	C10H18O	018675-19-9	22
4	Triallylsilane	152	C9H16Si	001116-62-7	22
5	Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	15





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Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
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Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

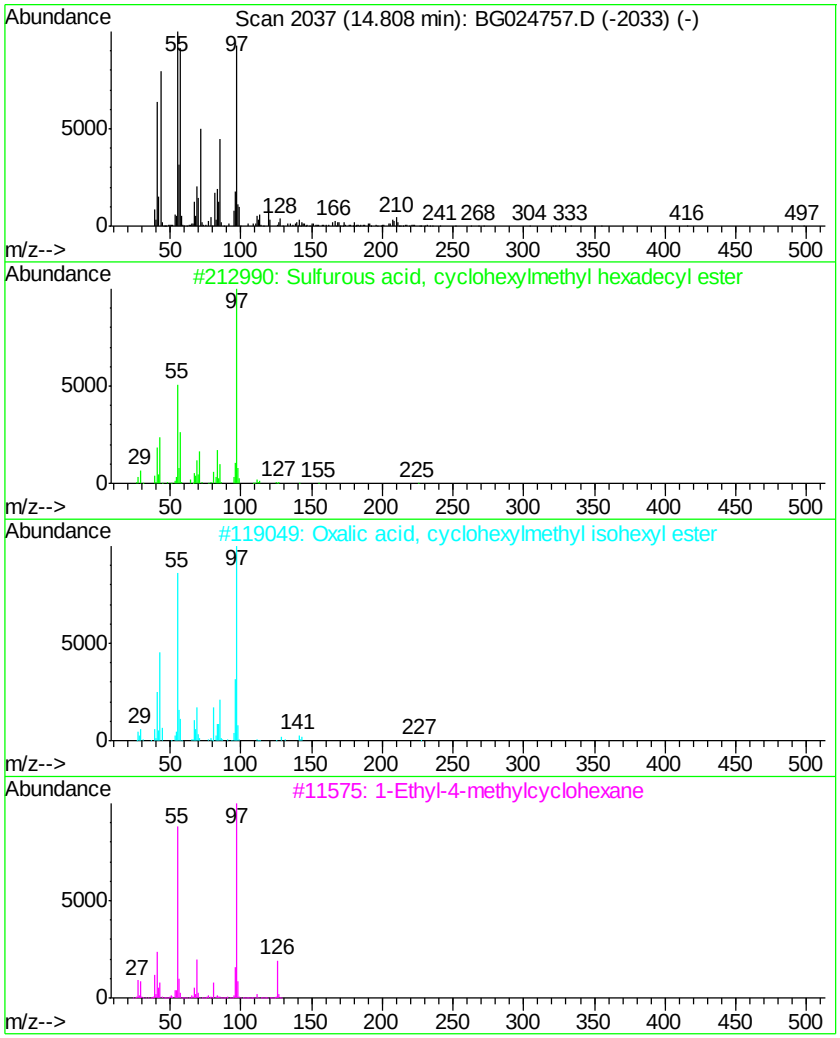
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

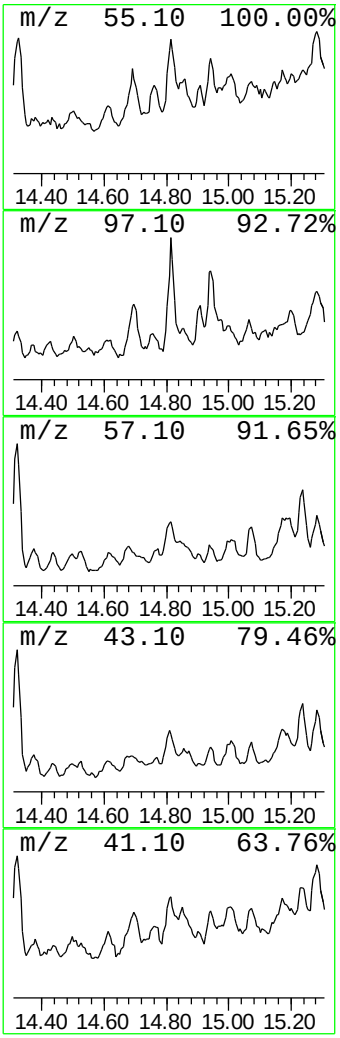
****

Peak Number 15 Sulfurous acid, cyclohexylm... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	33.29 ng	2466310	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	53
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	46





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Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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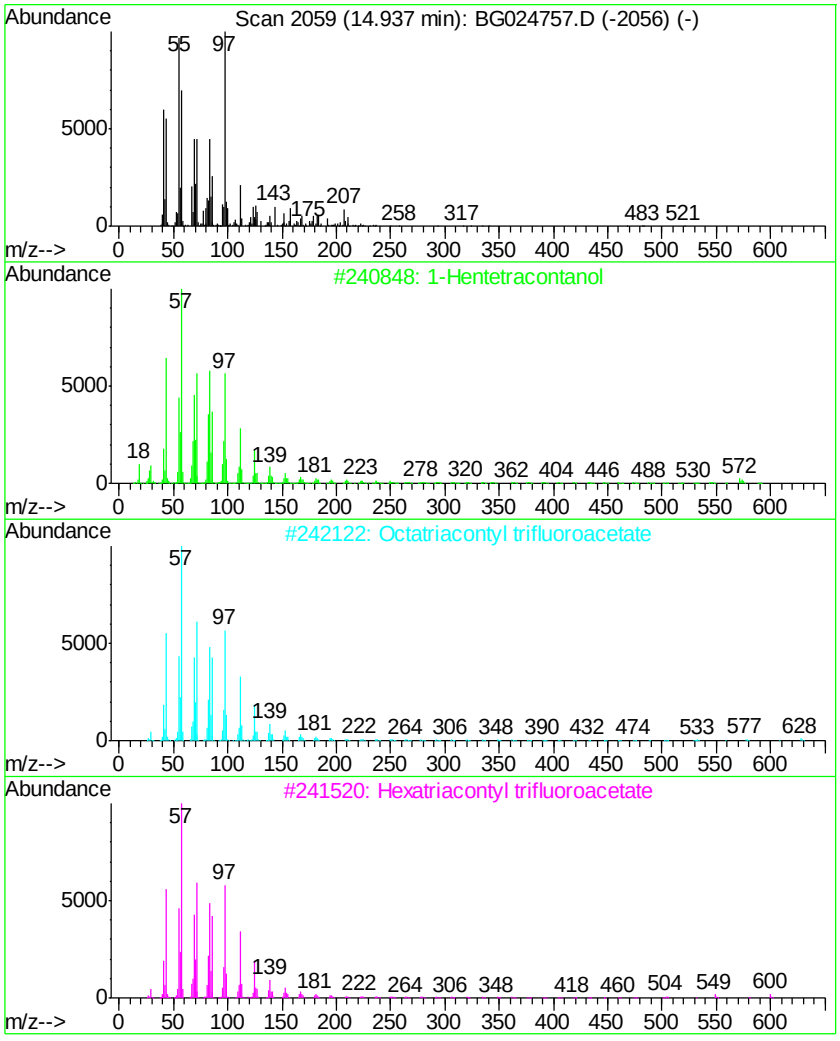
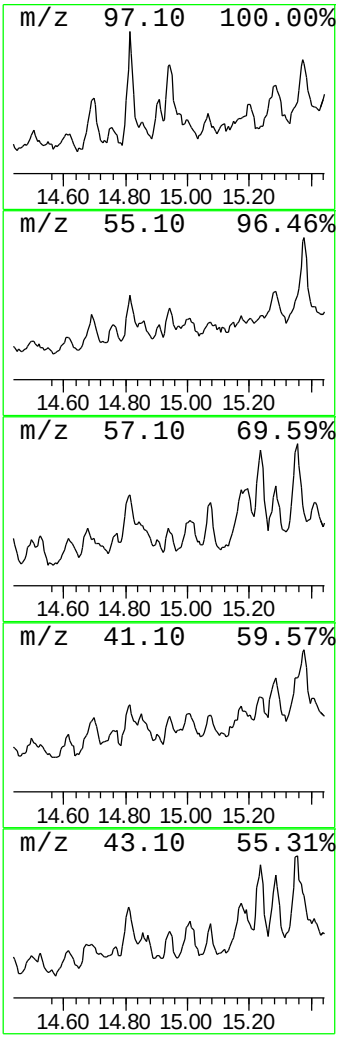
Peak Number 16 1-Hentetracontanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	20.00 ng	1481660	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hentetracontanol	593	C41H84O	040710-42-7	58
2	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	49
3	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	49
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	49
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	49





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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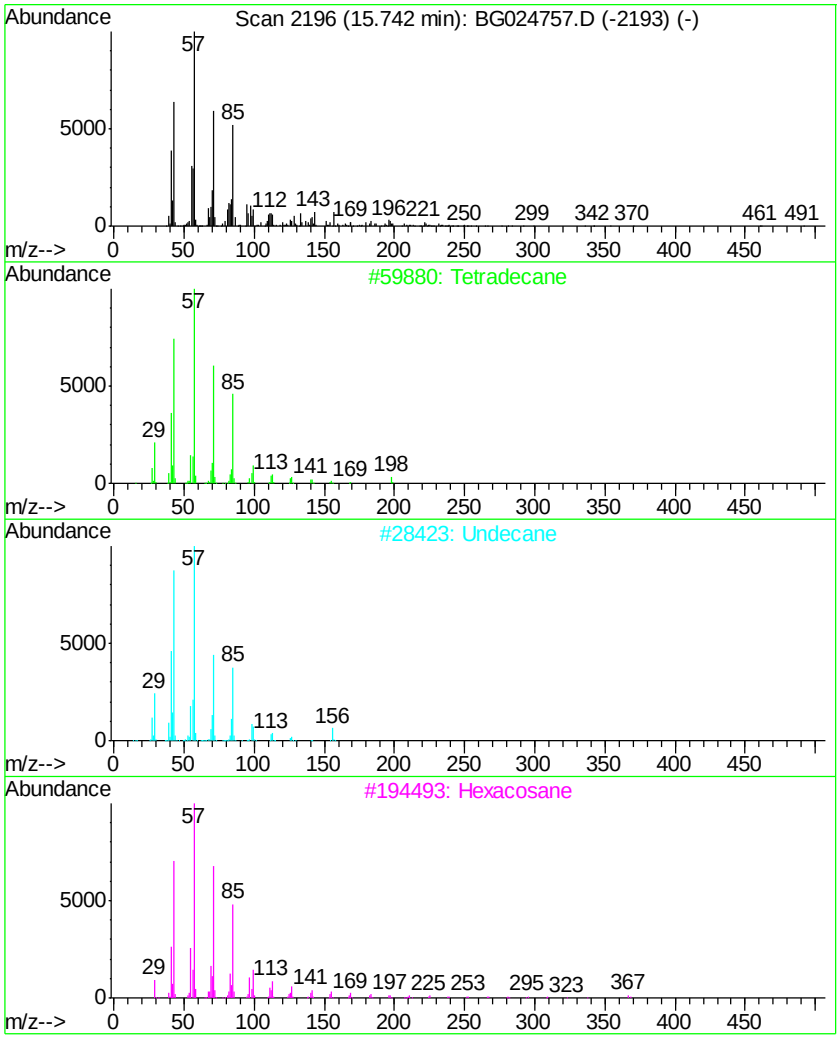
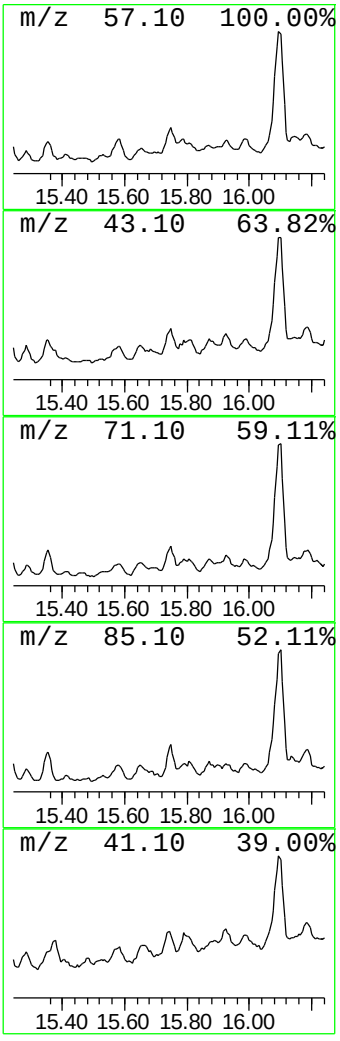
Peak Number 17 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	33.15 ng	2456190	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	76
2	Undecane	156	C11H24	001120-21-4	76
3	Hexacosane	366	C26H54	000630-01-3	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	68





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Operator : UM/SJ
Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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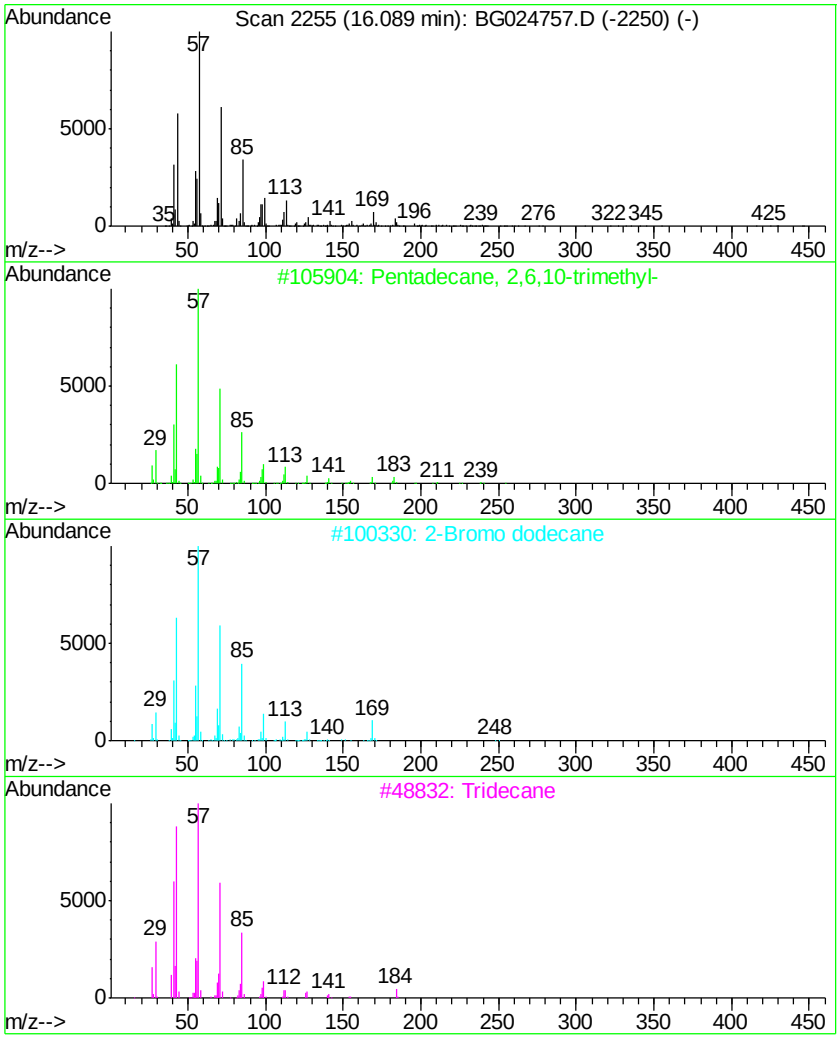
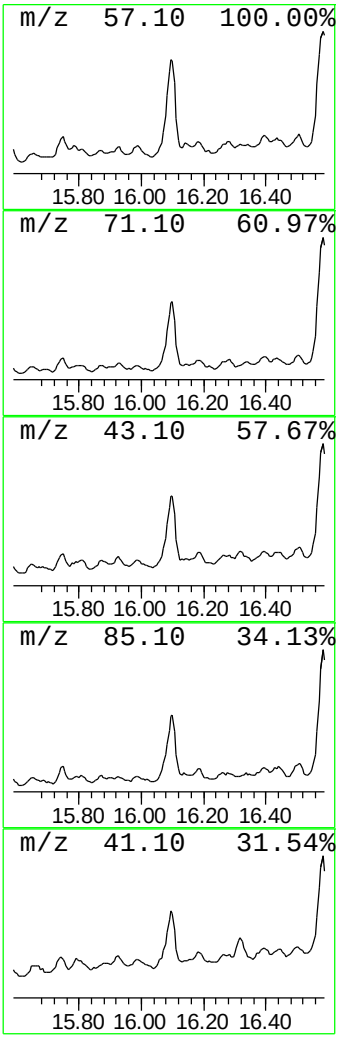
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	209.57 ng	15525700	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Tridecane	184	C13H28	000629-50-5	81
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
5	Dodecane	170	C12H26	000112-40-3	76





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Sample : H5544-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-109-9.6-18.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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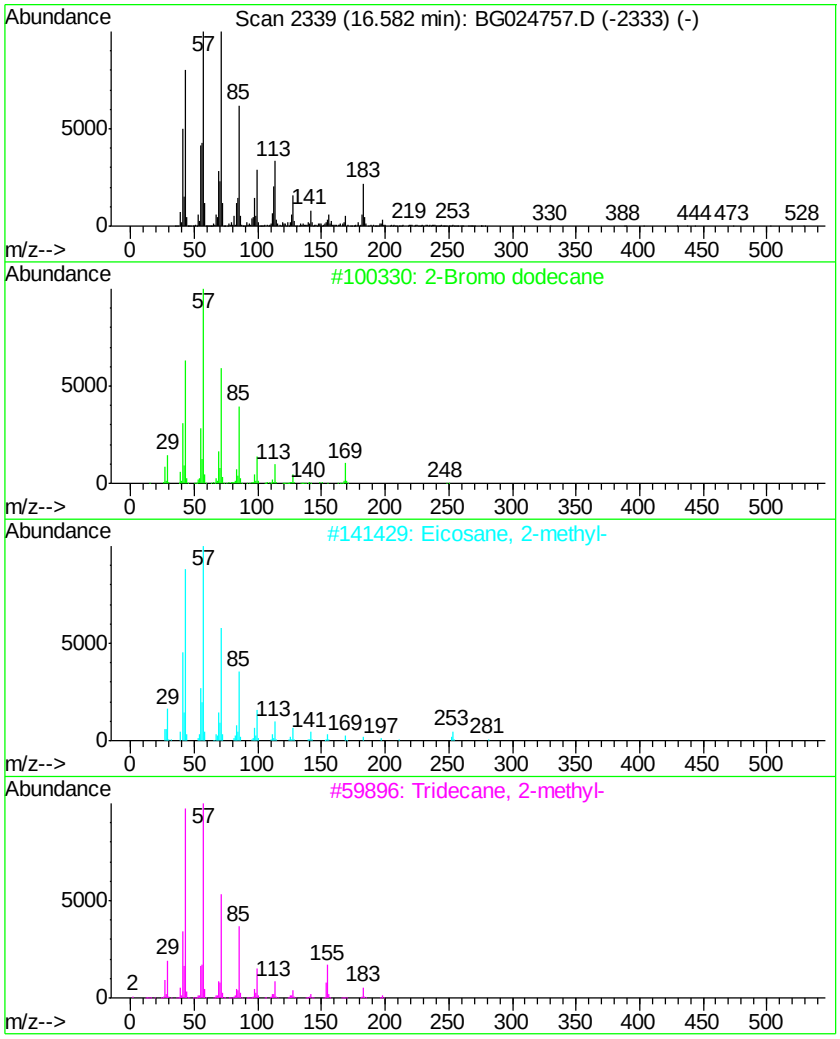
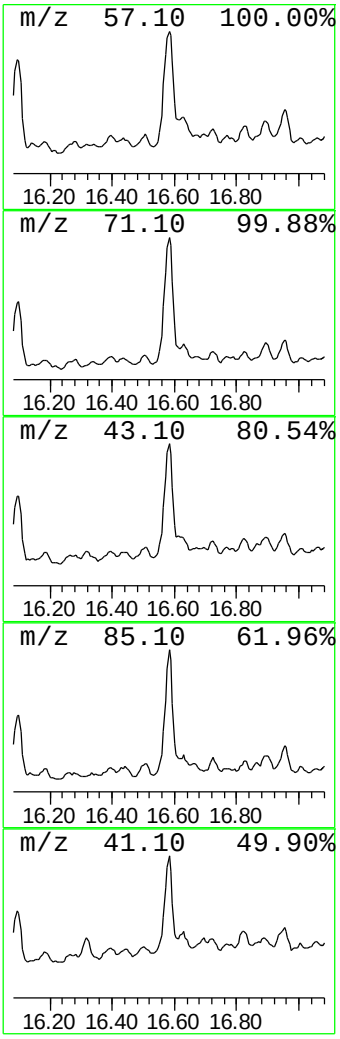
Peak Number 19 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	39.85 ng	28770000	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	92
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64





Tentatively Identified Compound (LSC) summary

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Data File : BG024757.D
Acq On : 8 Nov 2016 13:31
Operator : UM/SJ
Sample : H5544-02
Misc :
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Instrument : BNA_G
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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
Octane, 4,5-dipro...	6.88	13.9	ng	577516	1	8.26	833886	20.0
Octane, 2,6-dimet...	7.21	23.6	ng	984887	1	8.26	833886	20.0
unknown7.79	7.79	97.3	ng	4057340	1	8.26	833886	20.0
Undecane, 3,6-dim...	8.20	30.6	ng	1275680	1	8.26	833886	20.0
Decane, 2,3,5-tri...	8.46	34.2	ng	1426050	1	8.26	833886	20.0
Hexane, 2,2,4-tri...	8.77	27.7	ng	1156180	1	8.26	833886	20.0
Tridecane, 3-methyl-	8.90	23.4	ng	977627	1	8.26	833886	20.0
Octanoic acid	10.44	30.2	ng	3030260	2	11.09	2007980	20.0
Nonadecane, 1-chl...	13.07	15.3	ng	1129630	3	14.88	1481660	20.0
Dodecane, 2,6,11-...	13.38	21.9	ng	1625360	3	14.88	1481660	20.0
unknown14.19	14.19	14.9	ng	1106530	3	14.88	1481660	20.0
unknown14.70	14.70	23.8	ng	1766430	3	14.88	1481660	20.0
Sulfurous acid, c...	14.81	33.3	ng	2466310	3	14.88	1481660	20.0
1-Hentetracontanol	14.94	20.0	ng	1481660	3	14.88	1481660	20.0
Tetradecane	15.74	33.1	ng	2456190	3	14.88	1481660	20.0
Pentadecane, 2,6,...	16.09	209.6	ng	15525700	3	14.88	1481660	20.0
2-Bromo dodecane	16.58	39.9	ng	28770000	4	17.64	14440100	20.0