LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016252.D
Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

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-BG040615.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	2.802	14	19	28	rBV	226426	342197	2.21%	0.417%
2	2.878	28	32	39	rVB	353367	406854	2.63%	0.496%
3	5.287	435	442	449	rBV	348771	642996	4.15%	0.784%
4	6.932	715	722	731	rBV	301705	544063	3.51%	0.663%
5	7.255	766	777	781	rBV	4736999	9102281	58.78%	11.096%
6	7.314	781	787	792	rVV	4709032	7700085	49.73%	9.387%
7	7.373	792	797	806	rVB	450126	637132	4.11%	0.777%
8	7.525	809	823	836	rBV	6013293	15484347	100.00%	18.876%
9	7.696	842	852	860	rBV6	761654	2327163	15.03%	2.837%
10	7.837	868	876	884	rVV2	628021	1128389	7.29%	1.376%
11	7.925	884	891	898	rVV	1465447	2261019	14.60%	2.756%
12	8.019	898	907	914	rVB2	852188	1663343	10.74%	2.028%
13	8.366	960	966	972	rVB	202111	322645	2.08%	0.393%
14	8.560	994	999	1004	rBV	134581	196145	1.27%	0.239%
15	8.818	1034	1043	1045	rBV2	128598	205108	1.32%	0.250%
16	8.853	1045	1049	1053	rBV	554159	859067	5.55%	1.047%
17	9.411	1123	1144	1147	rBV2	770844	2602353	16.81%	3.172%
18	9.611	1174	1178	1182	rBV	738918	1424332	9.20%	1.736%
19	9.876	1221	1223	1236	rVB	535855	926398	5.98%	1.129%
20	10.122	1261	1265	1269	rVV	188972	302397	1.95%	0.369%
21	10.293	1283	1294	1300	rVV	1851264	3306664	21.35%	4.031%
22	10.357	1300	1305	1310	rVV	412560	683731	4.42%	0.833%
23	10.410	1310	1314	1319	rVV2	141823	262544	1.70%	0.320%
24	10.487	1322	1327	1332	rVV	472003	775381	5.01%	0.945%
25	10.563	1332	1340	1346	rVV	5530100	9744688	62.93%	11.879%
26	10.628	1346	1351	1363	rVB	545191	917803	5.93%	1.119%
27	11.286	1454	1463	1467	rBV	127851	234358	1.51%	0.286%
28	12.003	1580	1585	1591	rVV2	113363	201252	1.30%	0.245%
29	12.091	1591	1600	1608	rVB2	115034	242413	1.57%	0.296%
30	12.631	1686	1692	1702	rBV4	92387	209585	1.35%	0.255%
31	12.960	1737	1748	1756	rVB	1795601	2674454	17.27%	3.260%
32	13.648	1860	1865	1870	rVB	150028	209541	1.35%	0.255%
33	13.988	1918	1923	1930	rBV3	233759	375417	2.42%	0.458%
34	14.341	1976	1983	1997	rVB2	724372	1180487	7.62%	1.439%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

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-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.758	2048	2054	2067	rVB2	176896	307066	1.98%	0.374%
36	15.827	2228	2236	2242	rBV	986208	1393176	9.00%	1.698%
37	17.020	2435	2439	2444	rBV	660163	868993	5.61%	1.059%
38	17.079	2444	2449	2456	rVB	882587	1204825	7.78%	1.469%
39	17.978	2597	2602	2610	rBV2	239731	346490	2.24%	0.422%
40	19.194	2804	2809	2816	rVB	1050398	1214419	7.84%	1.480%
41	19.406	2841	2845	2856	rVB	502028	559600	3.61%	0.682%
42	19.705	2890	2896	2907	rVB	2289206	2804717	18.11%	3.419%
43	20.451	3019	3023	3028	rBV	341513	400518	2.59%	0.488%
44	20.968	3107	3111	3123	rVB	223306	302930	1.96%	0.369%
45	21.256	3154	3160	3170	rBV	984684	1309037	8.45%	1.596%
46	23.501	3535	3542	3550	rVB	549668	1063625	6.87%	1.297%
47	25.528	3881	3887	3898	rVB4	63807	160305	1.04%	0.195%

Sum of corrected areas: 82032333

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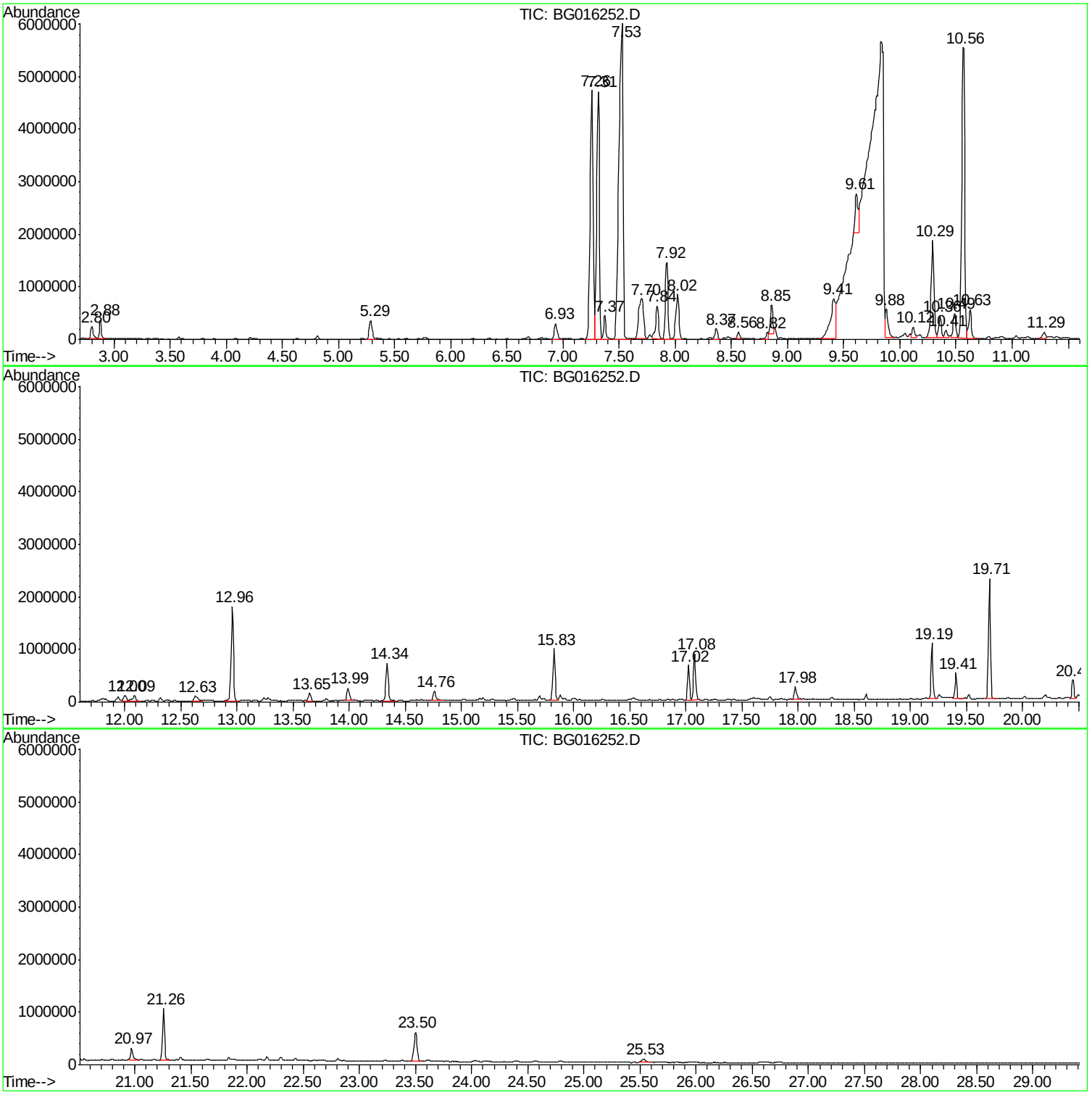
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016252.D
Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

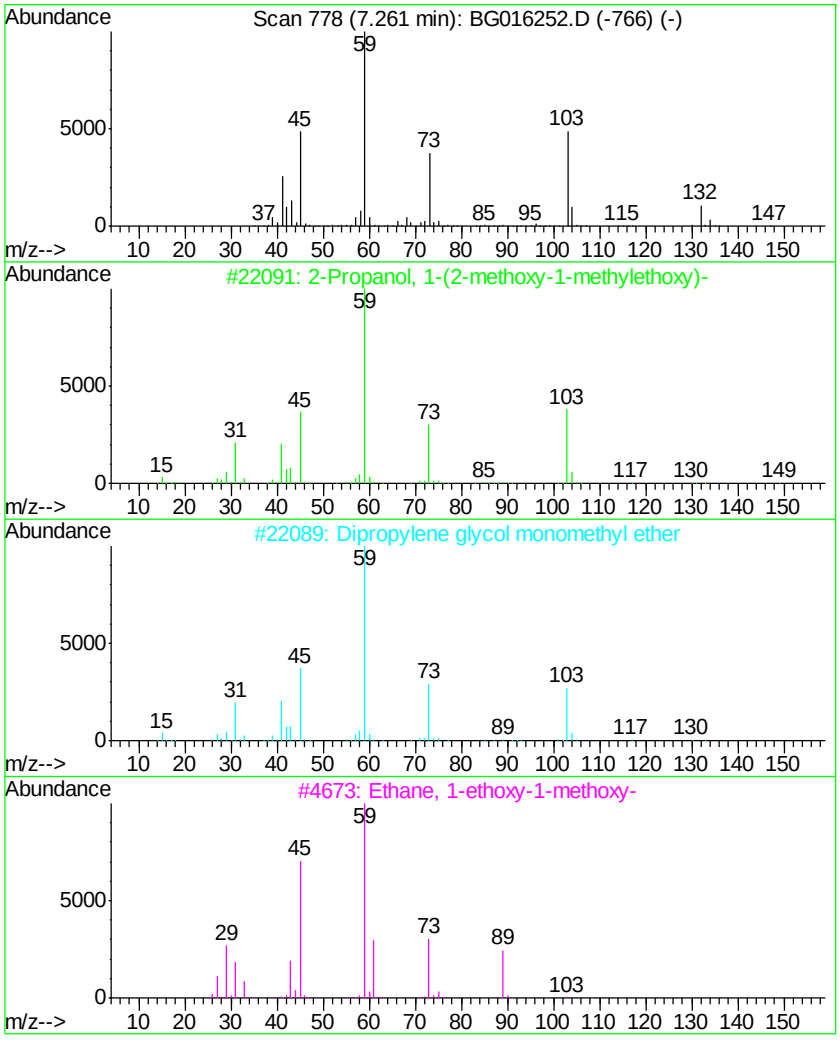
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

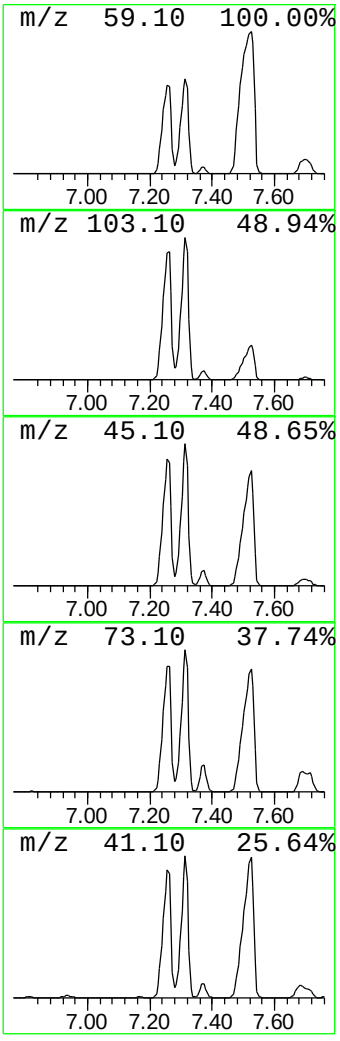
****

Peak Number 1 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	78.23 ng	9102280	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	86
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	64
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	50
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	42
5	Ethyl ether	74	C4H10O	000060-29-7	38





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Data File : BG016252.D
Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

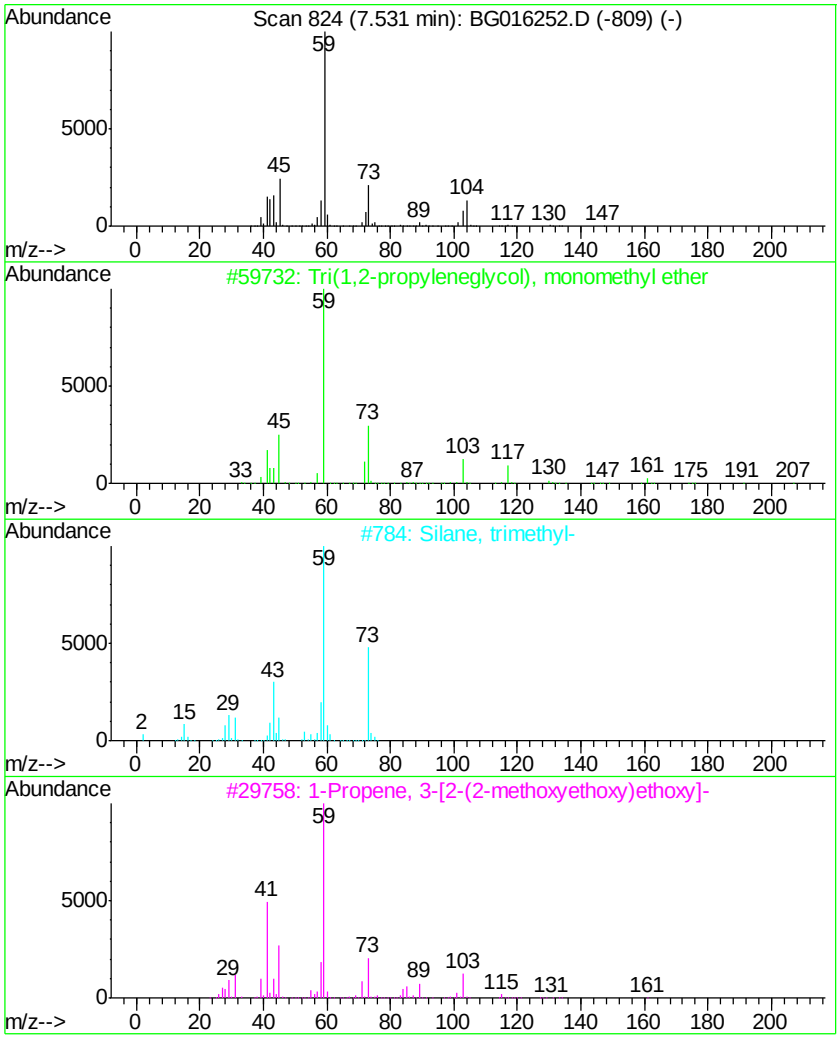
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

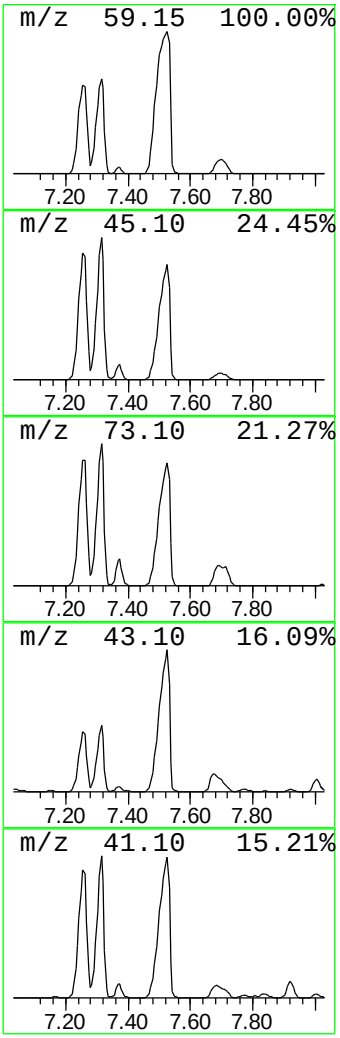
****

Peak Number 3 Tri(1,2-propyleneglycol), m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	133.08 ng	15484300	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	64
3	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	64
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016252.D
Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

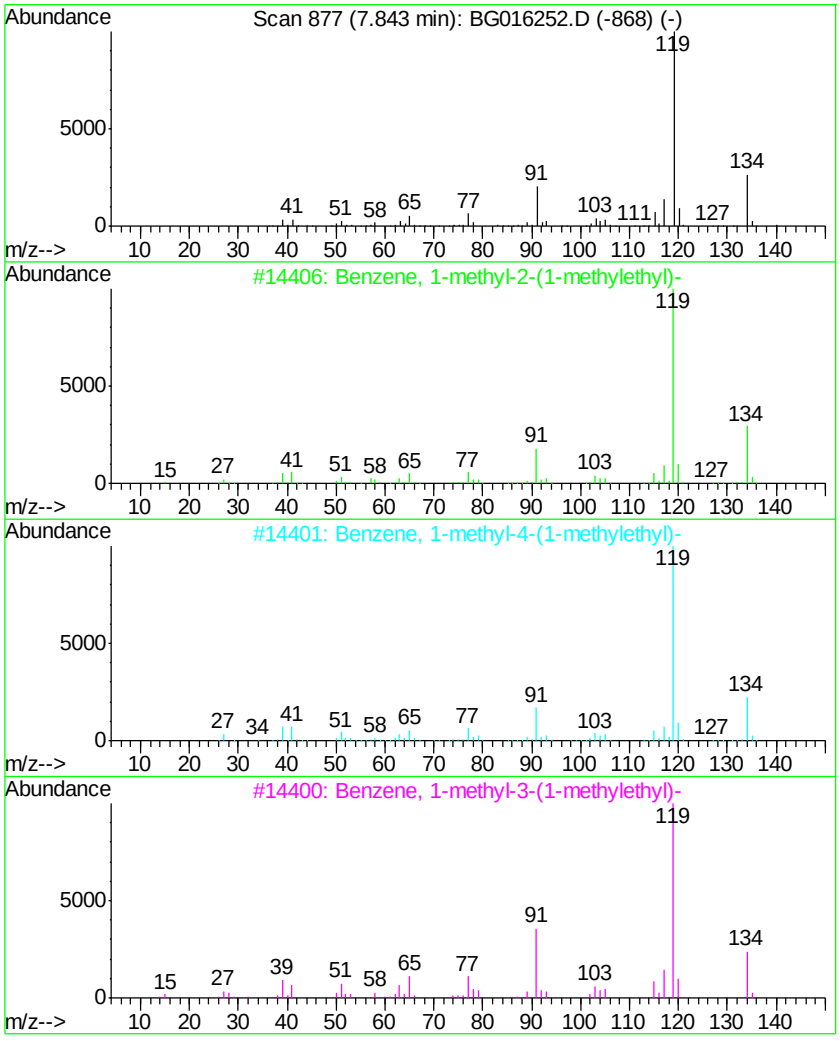
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

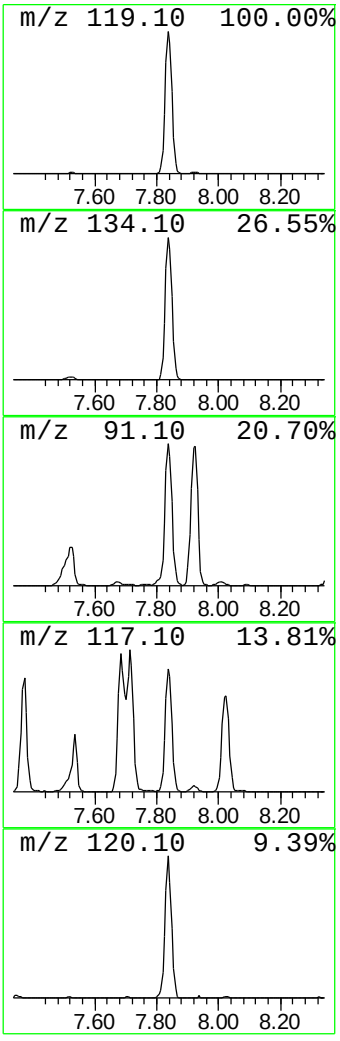
****

Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	9.70 ng	1128390	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
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Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

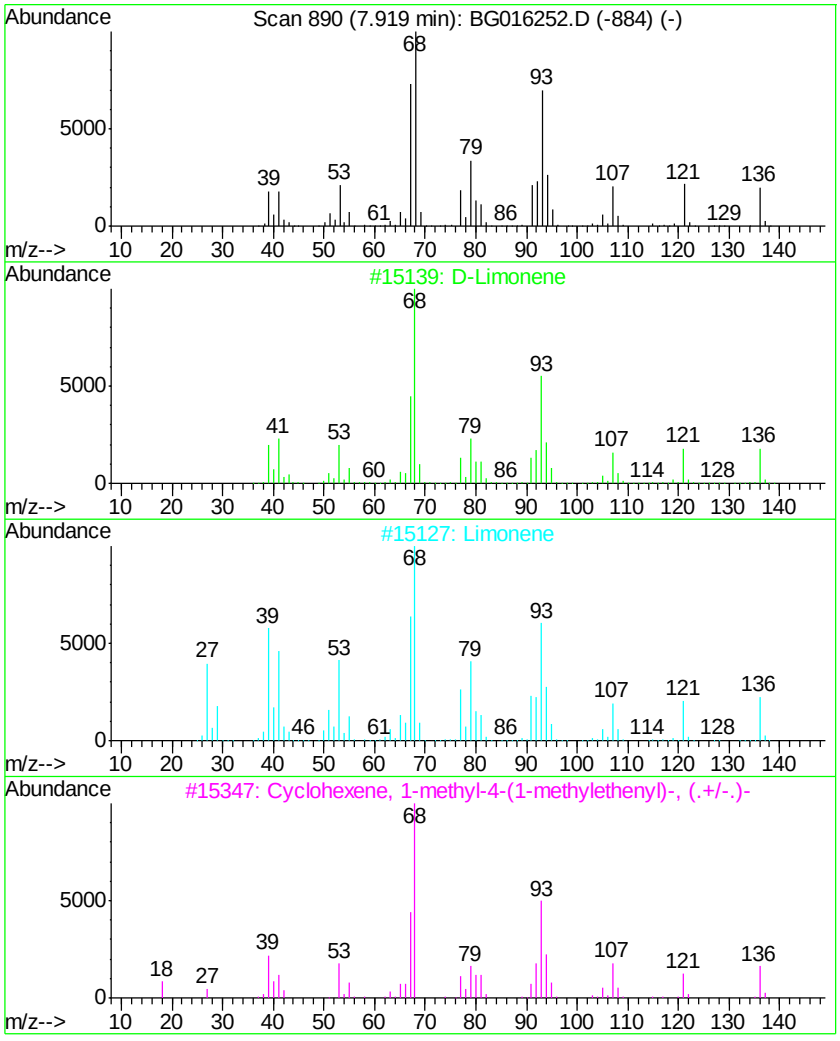
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

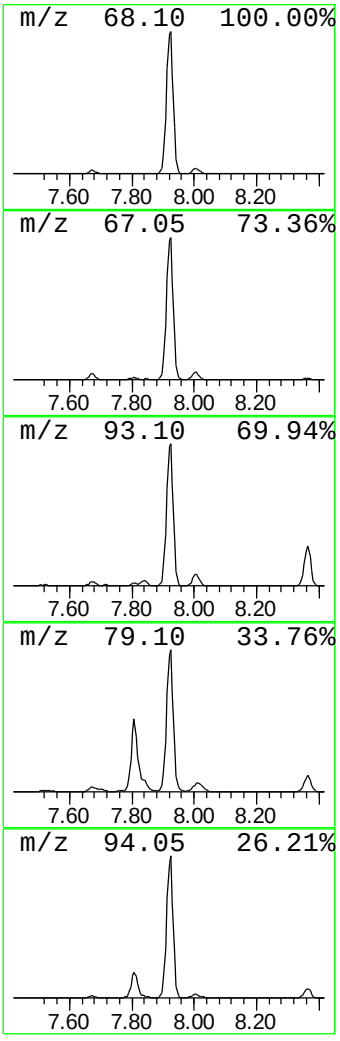
****

Peak Number 5 D-Limonene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	19.43 ng	2261020	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Limonene	136	C10H16	000138-86-3	93
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	007705-14-8	90
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	83
5	Cyclohexanol, 1-methyl-4-(1-meth...	196	C12H20O2	010198-23-9	64





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Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

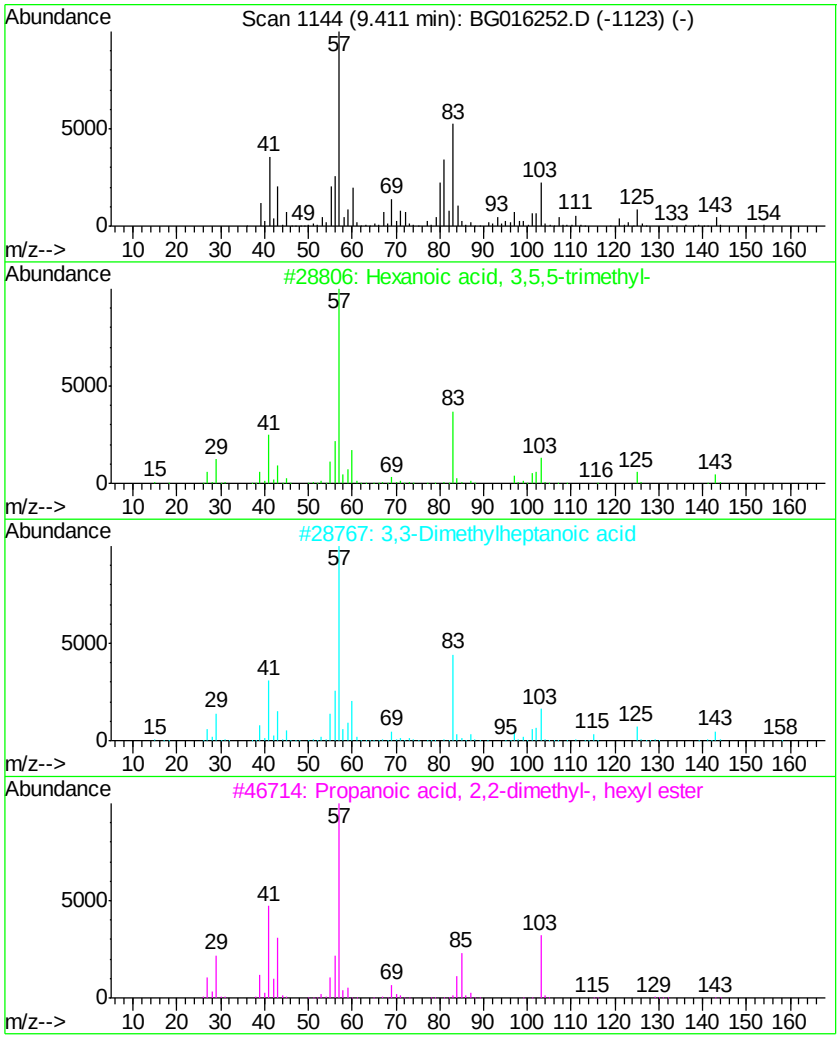
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

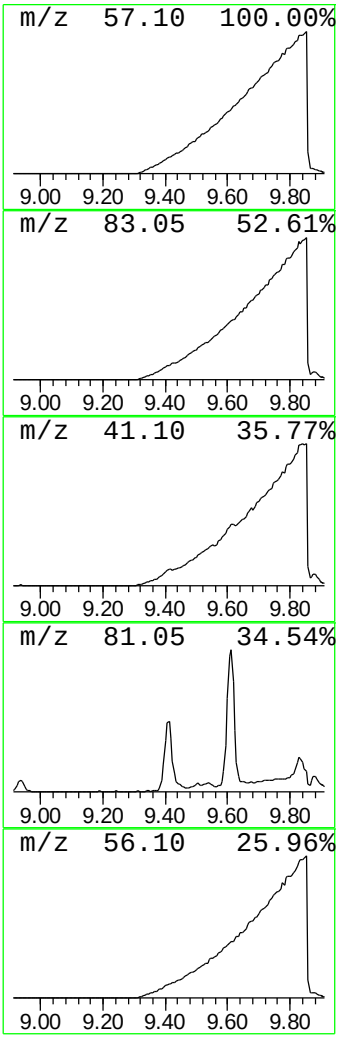
****

Peak Number 7 Hexanoic acid, 3,5,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	67.12 ng	2602350	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	58
3	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	27
4	2,2-Dimethylpropionic acid, tetr...	298	C19H38O2	144610-93-5	22
5	2,2-Dimethylpropionic acid, hexa...	326	C21H42O2	032767-89-8	12





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ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

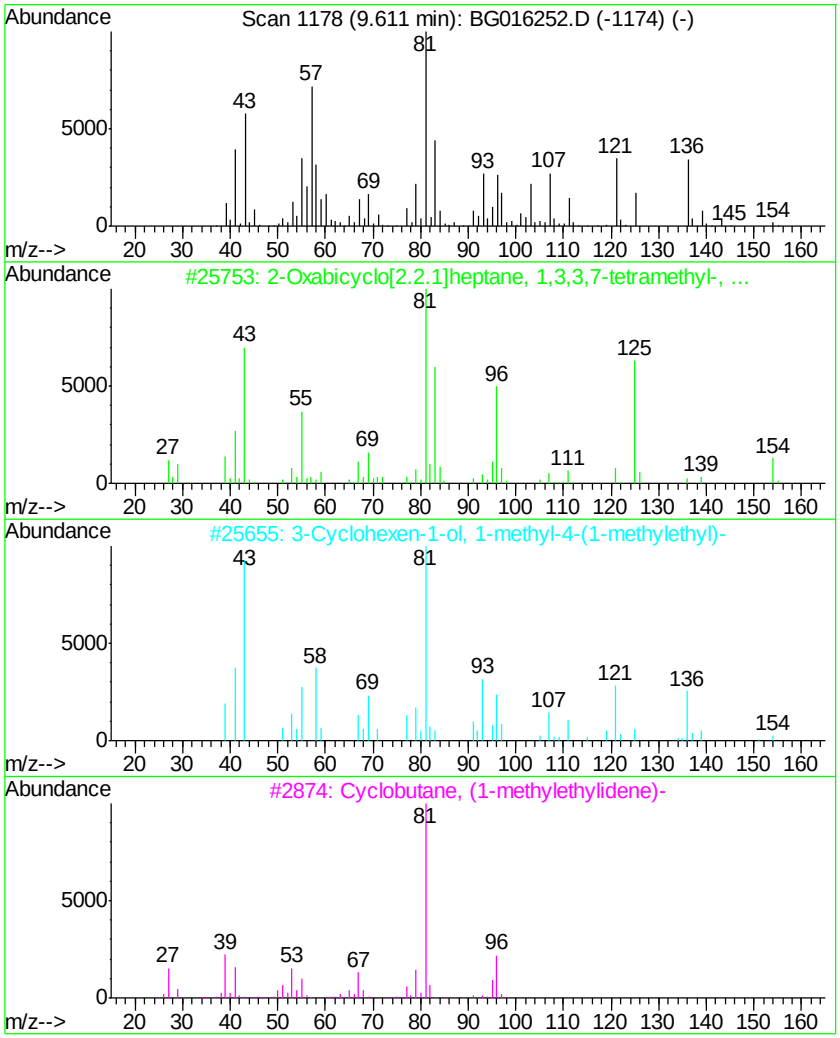
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

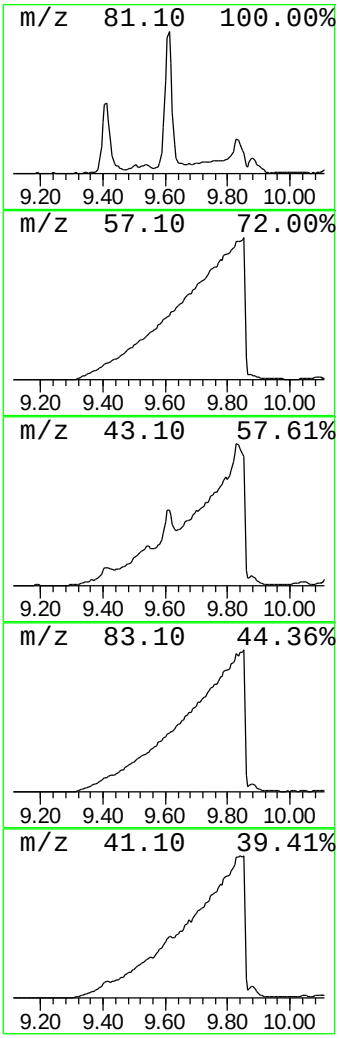
****

Peak Number 8 2-Oxabicyclo[2.2.1]heptane,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	36.74 ng	1424330	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxabicyclo[2.2.1]heptane, 1,3,...	154	C10H18O	015404-57-6	58
2	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	53
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	35
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

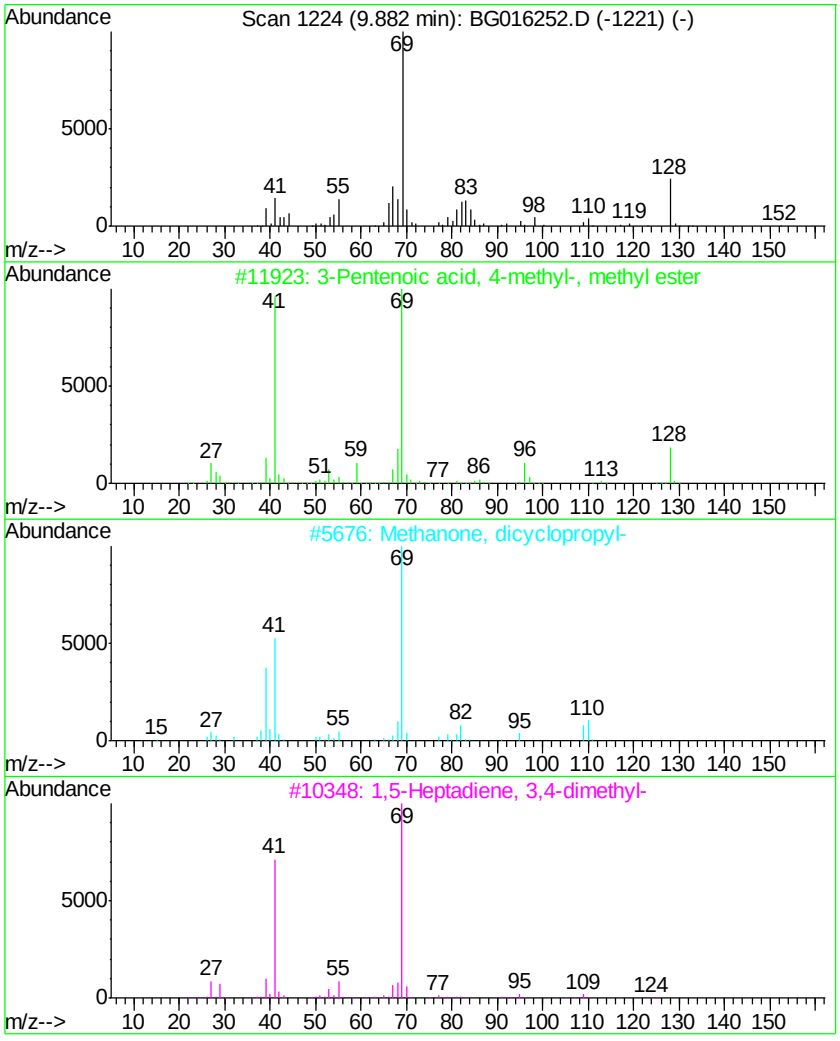
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

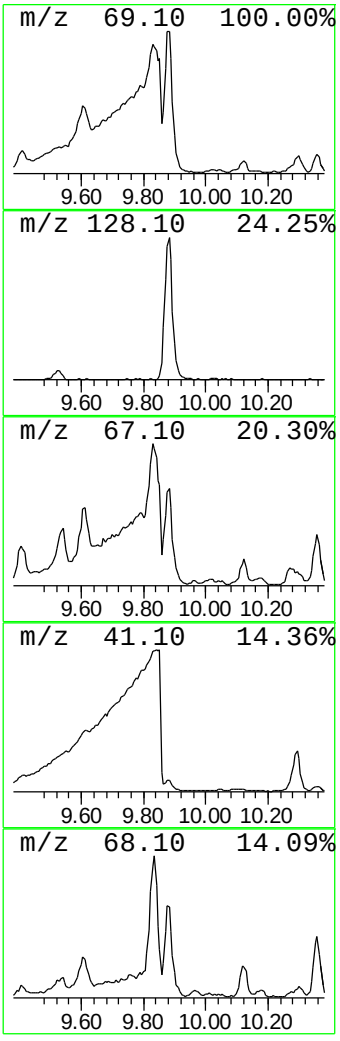
****

Peak Number 9 3-Pentenoic acid, 4-methyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	23.90 ng	926398	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-methyl-, met...	128	C7H12O2	002258-65-3	53
2	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	49
3	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	43
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	43
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016252.D
Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

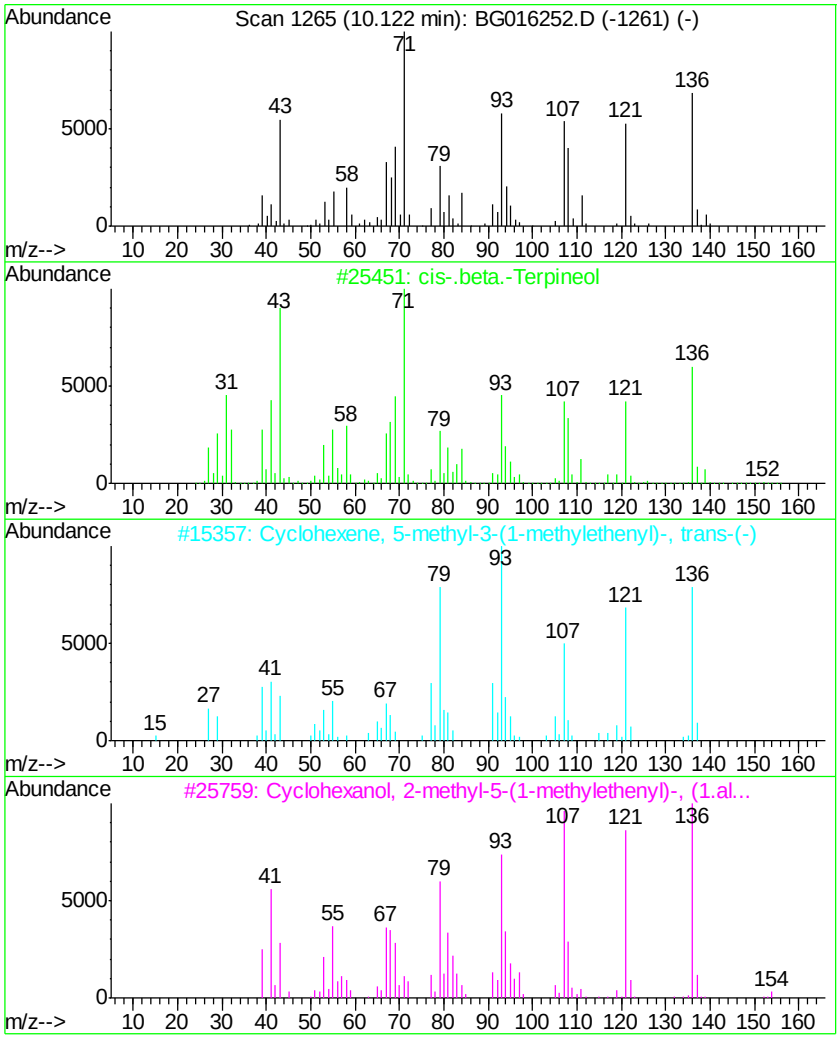
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

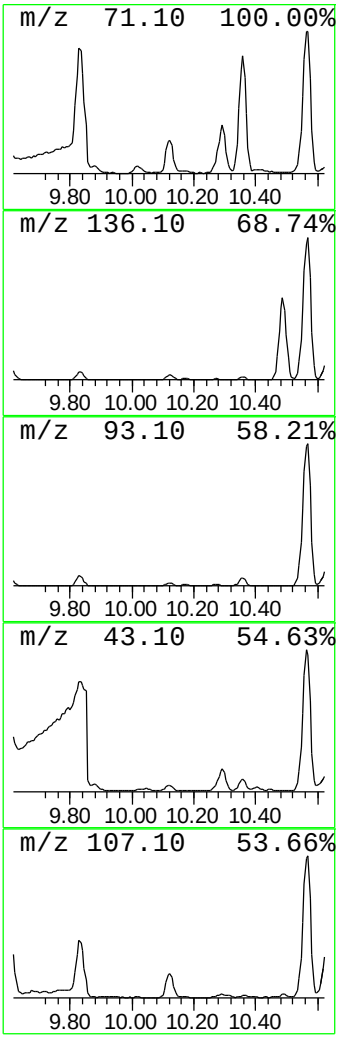
****

Peak Number 10 cis-.beta.-Terpineol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	7.80 ng	302397	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Terpineol	154	C10H18O	007299-40-3	90
2	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	46
3	Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	018675-33-7	43
4	Adamantane	136	C10H16	000281-23-2	30
5	Cycloheptene, 5-ethylidene-1-met...	136	C10H16	015402-94-5	27





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Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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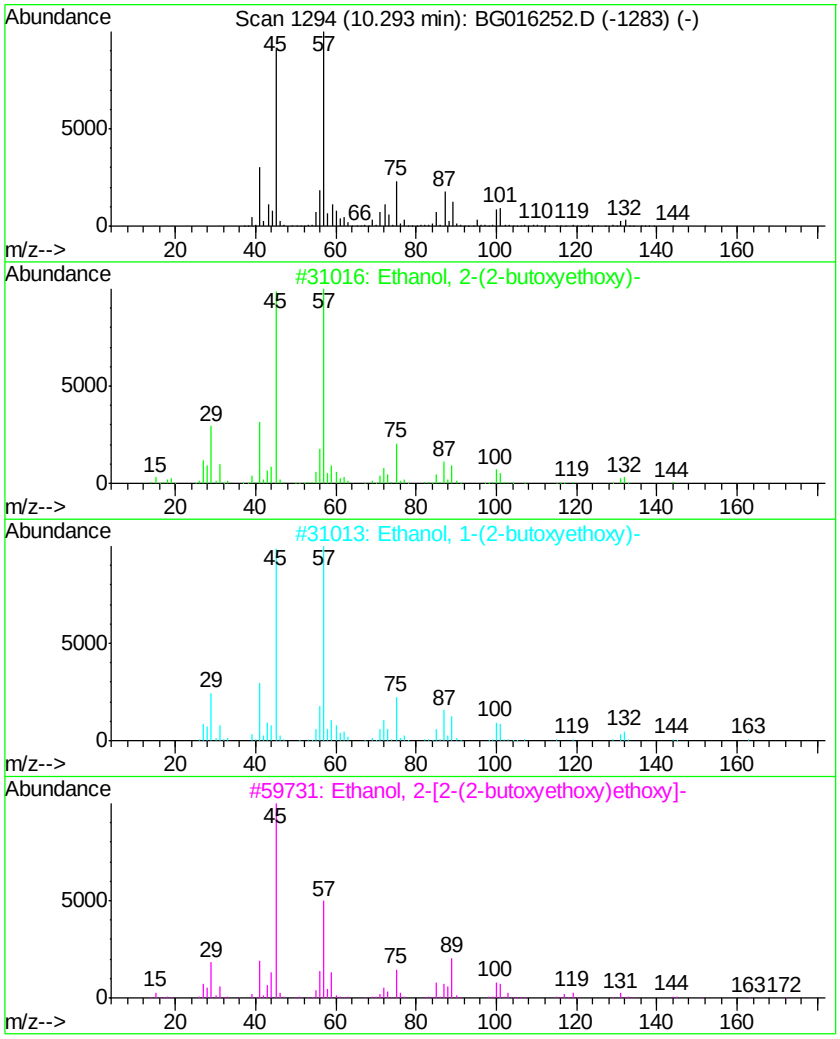
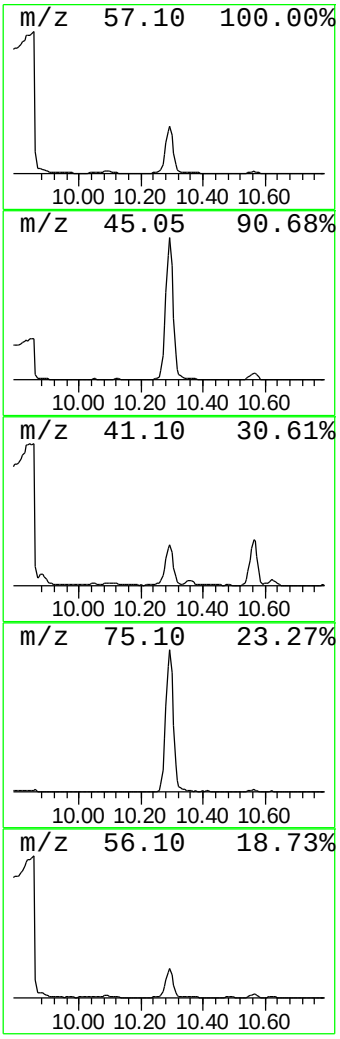
Peak Number 11 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	85.29 ng	3306660	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	50





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Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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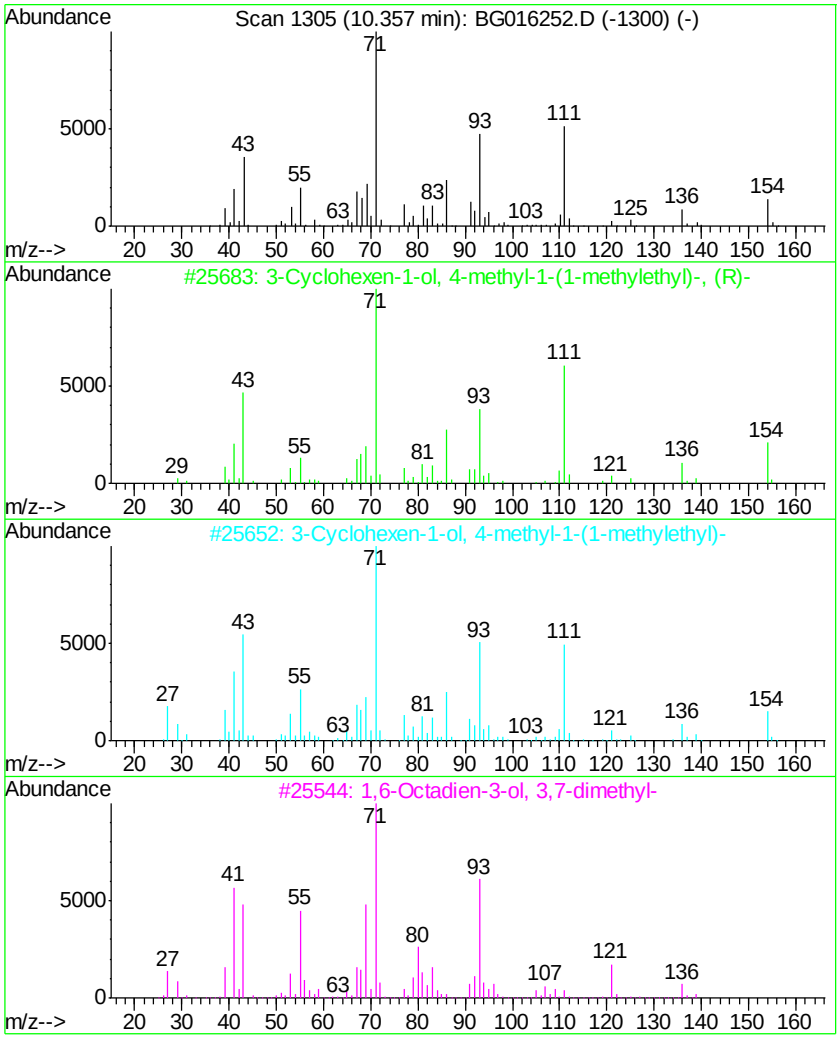
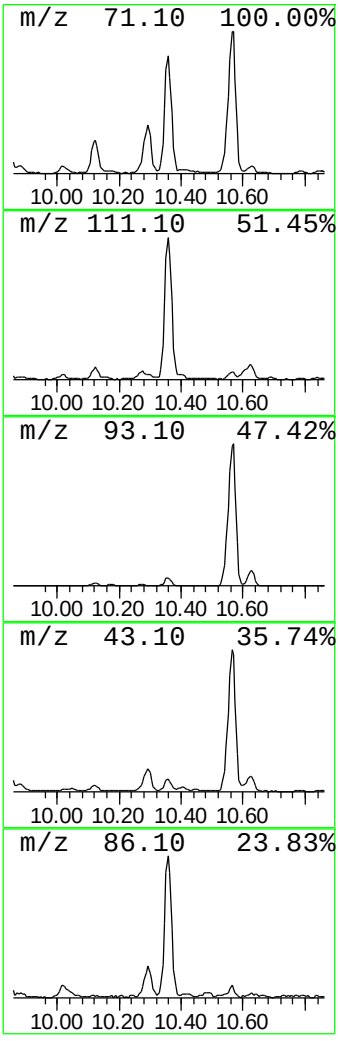
Peak Number 12 3-Cyclohexen-1-ol, 4-methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	17.64 ng	683731	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	96
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	95
3	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	38
4	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	35
5	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	35





Library Search Compound Report

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Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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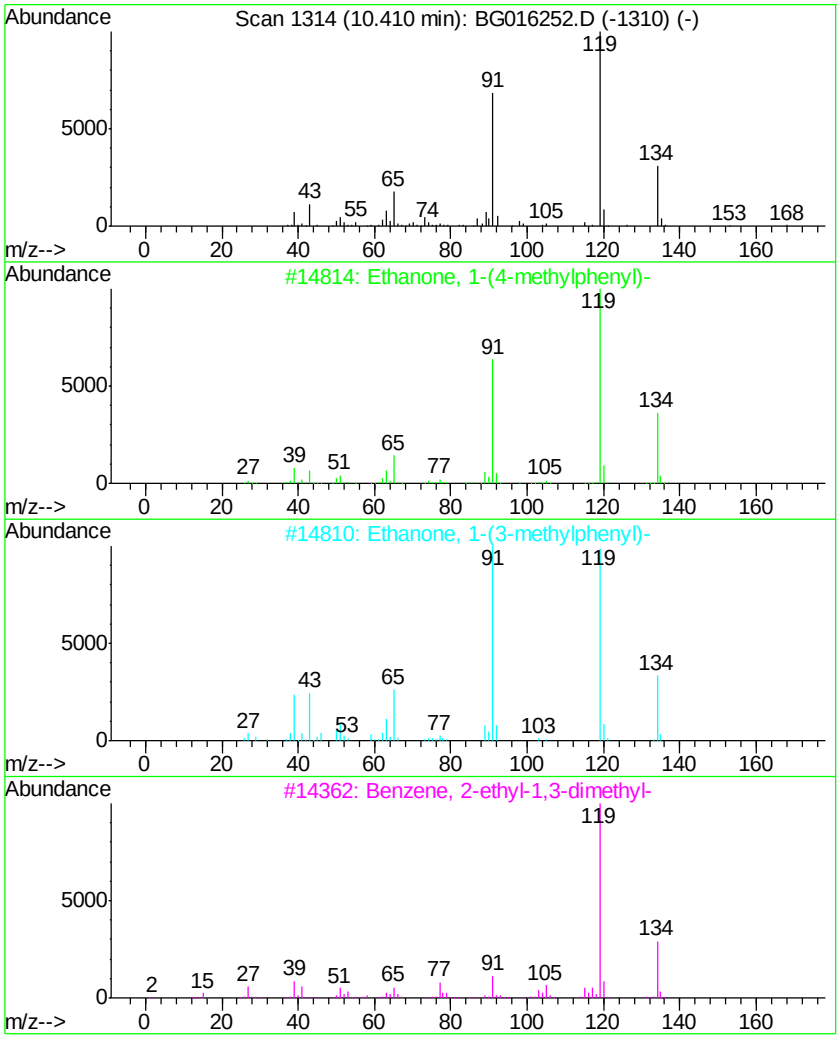
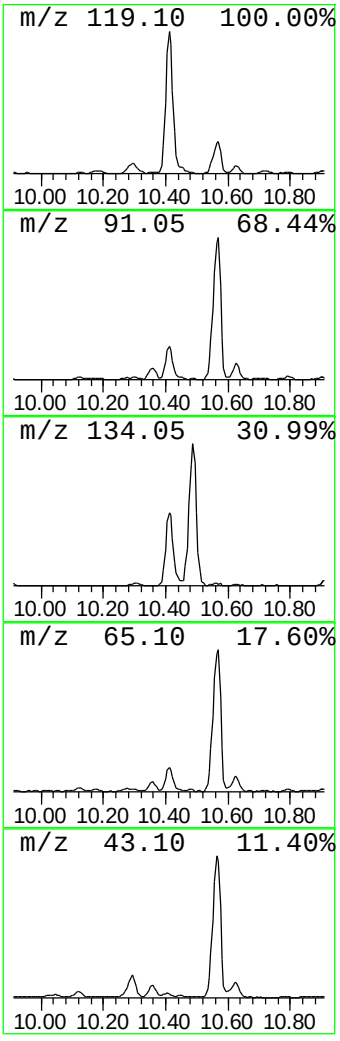
Peak Number 13 Ethanone, 1-(4-methylphenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	6.77 ng	262544	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	94
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	72
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	64





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Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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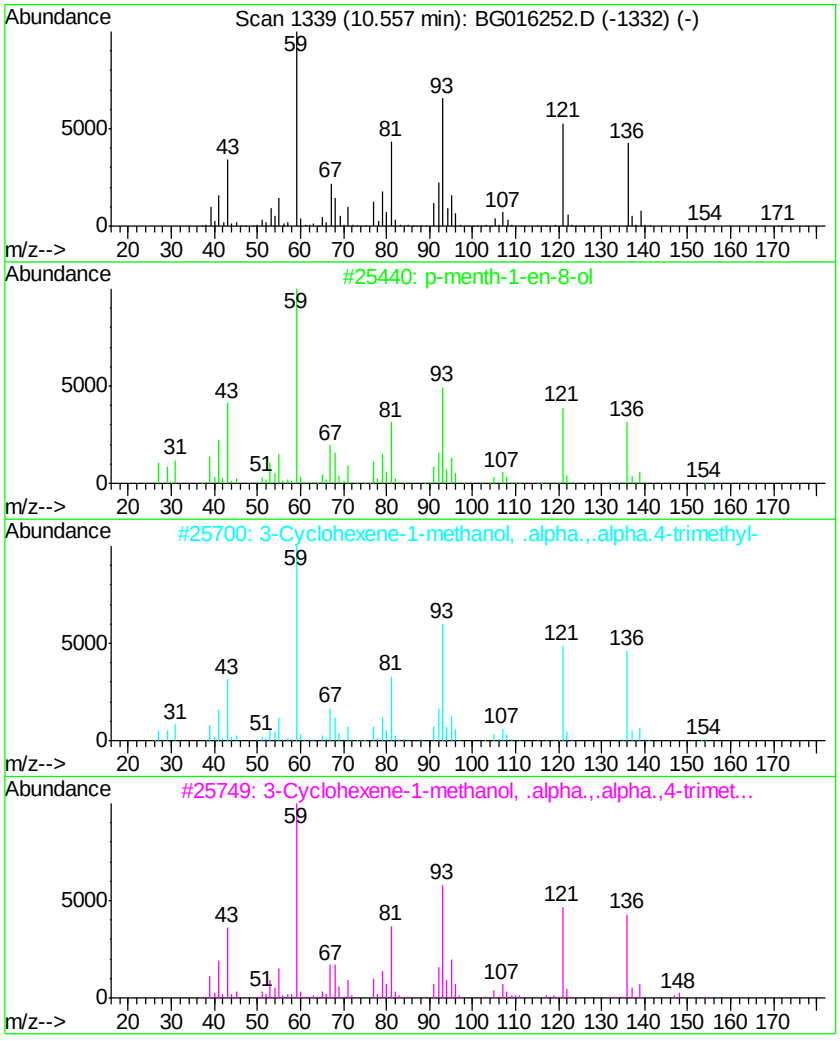
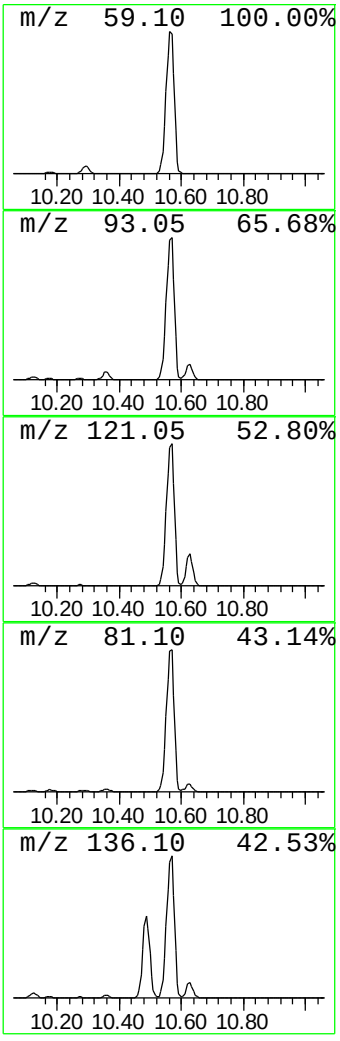
Peak Number 14 p-menth-1-en-8-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	251.35 ng	9744690	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-menth-1-en-8-ol	154	C10H18O	1000157-89-9	91
2	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	000098-55-5	87
3	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	010482-56-1	80
4	p-menth-1-en-8-ol	154	C10H18O	1000151-92-4	59
5	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	46





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Acq On : 7 Apr 2015 12:31
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Sample : G1756-03
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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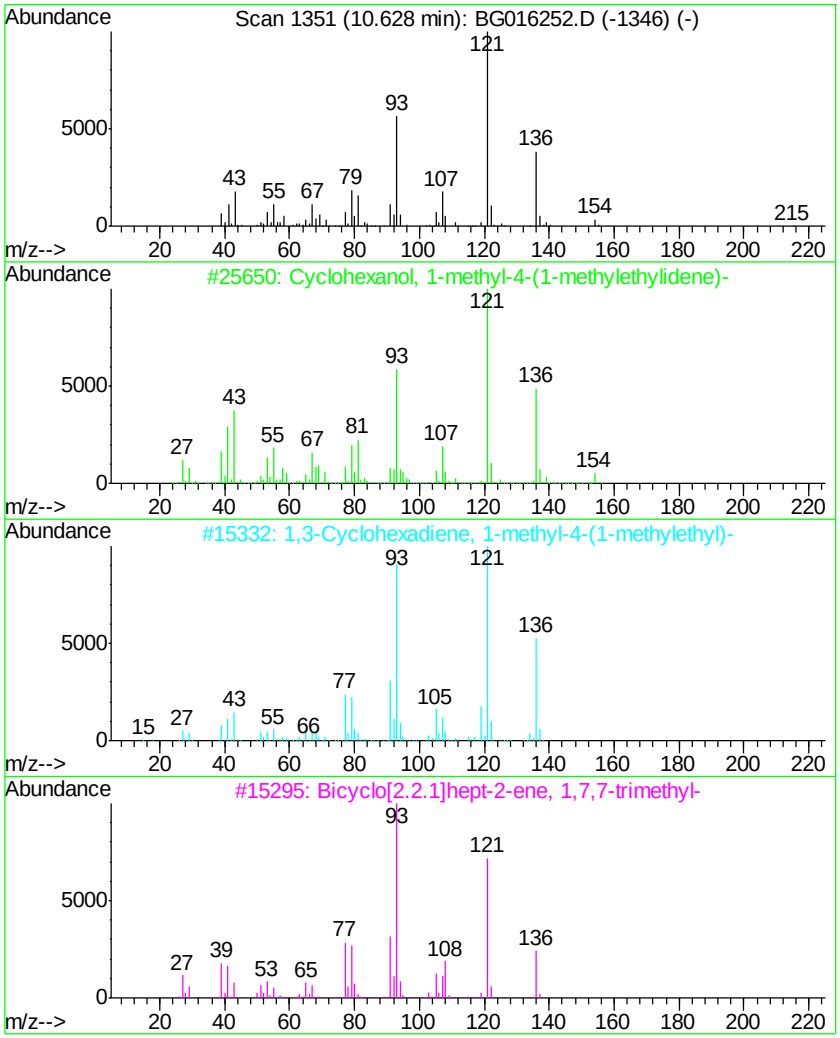
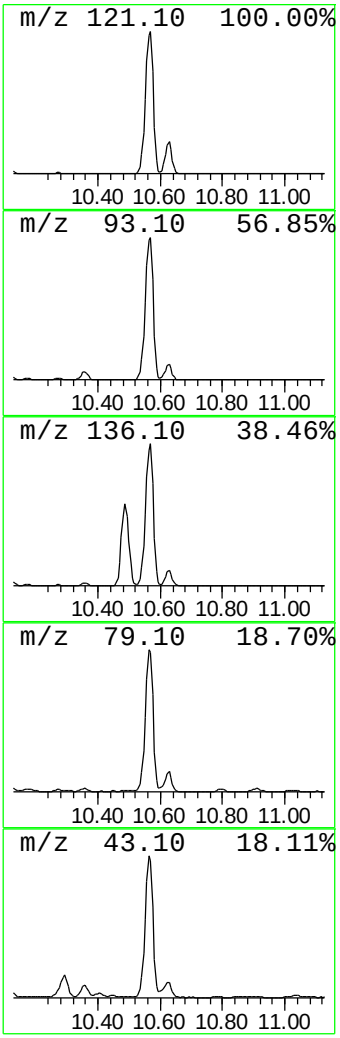
Peak Number 15 Cyclohexanol, 1-methyl-4-(1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	23.67 ng	917803	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-4-(1-meth...	154	C10H18O	000586-81-2	93
2	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	91
3	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	90
4	3-Methylene-1,5,5-trimethylcyclo...	136	C10H16	016609-28-2	86
5	2-Methylbicyclo[4.3.0]non-1(6)-ene	136	C10H16	060223-07-6	86





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Sample : G1756-03
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Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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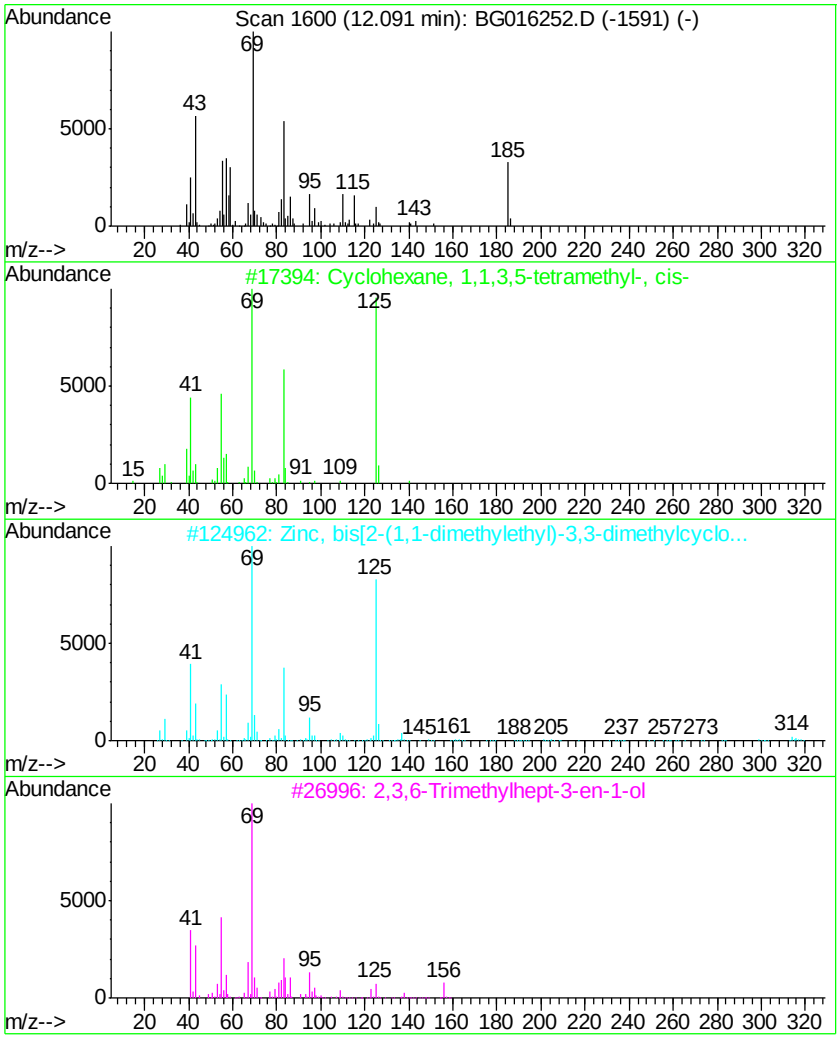
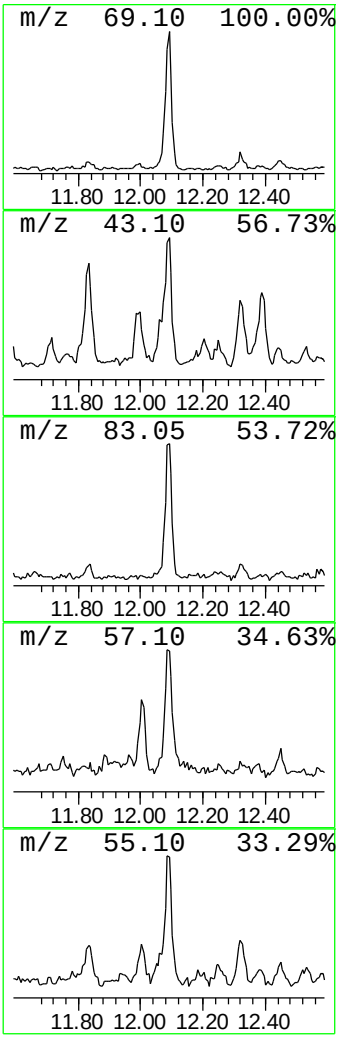
Peak Number 16 unknown12.09 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.25 ng	242413	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
2	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	38
3	2,3,6-Trimethylhept-3-en-1-ol	156	C10H20O	1000111-56-8	38
4	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	35
5	2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	27





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Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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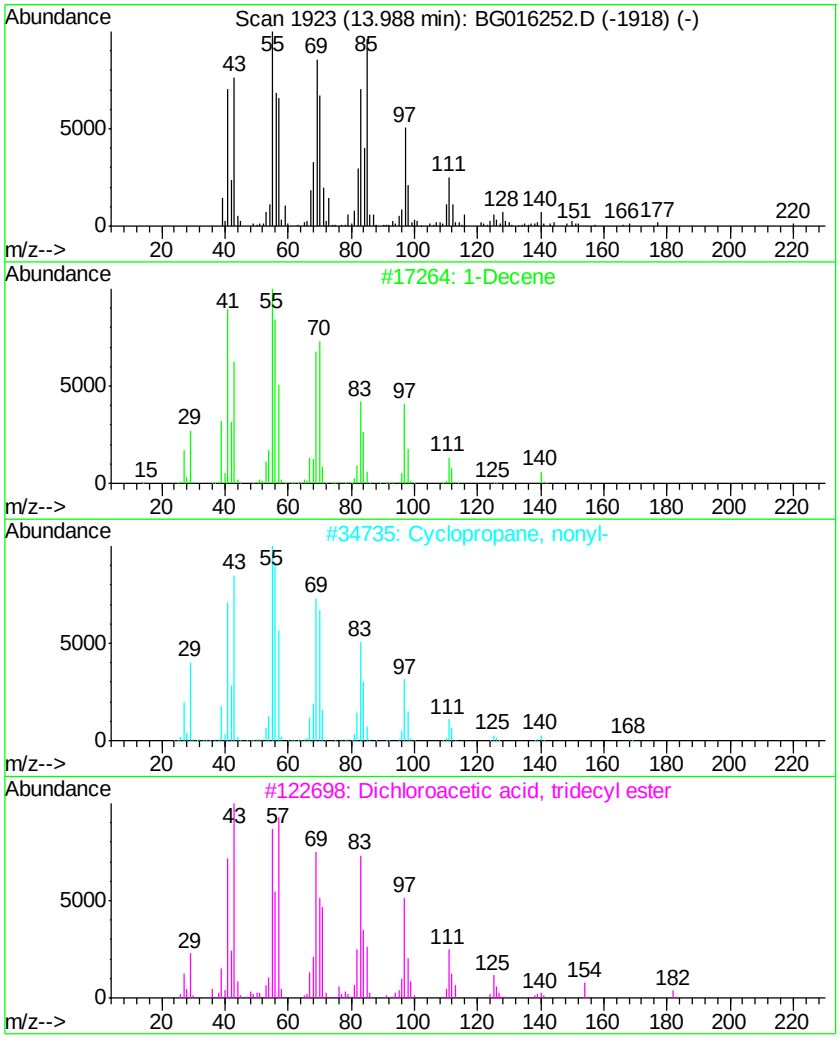
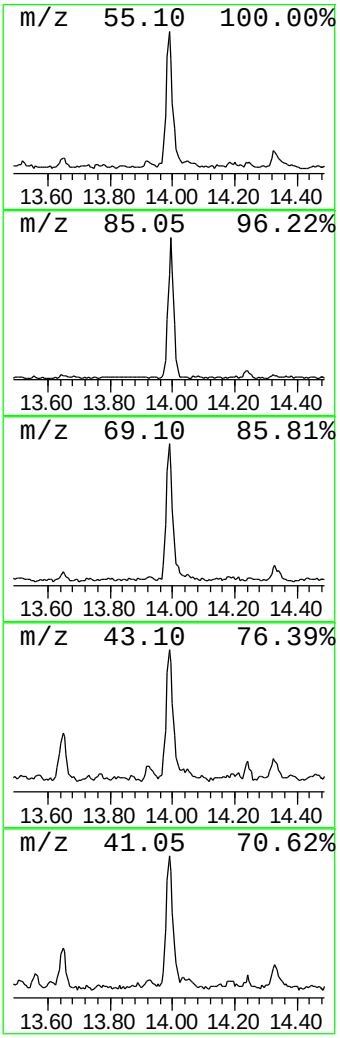
Peak Number 17 1-Decene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	6.36 ng	375417	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	90
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	89
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	83
4	Cyclododecane	168	C12H24	000294-62-2	81
5	1-Dodecanol	186	C12H26O	000112-53-8	81





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Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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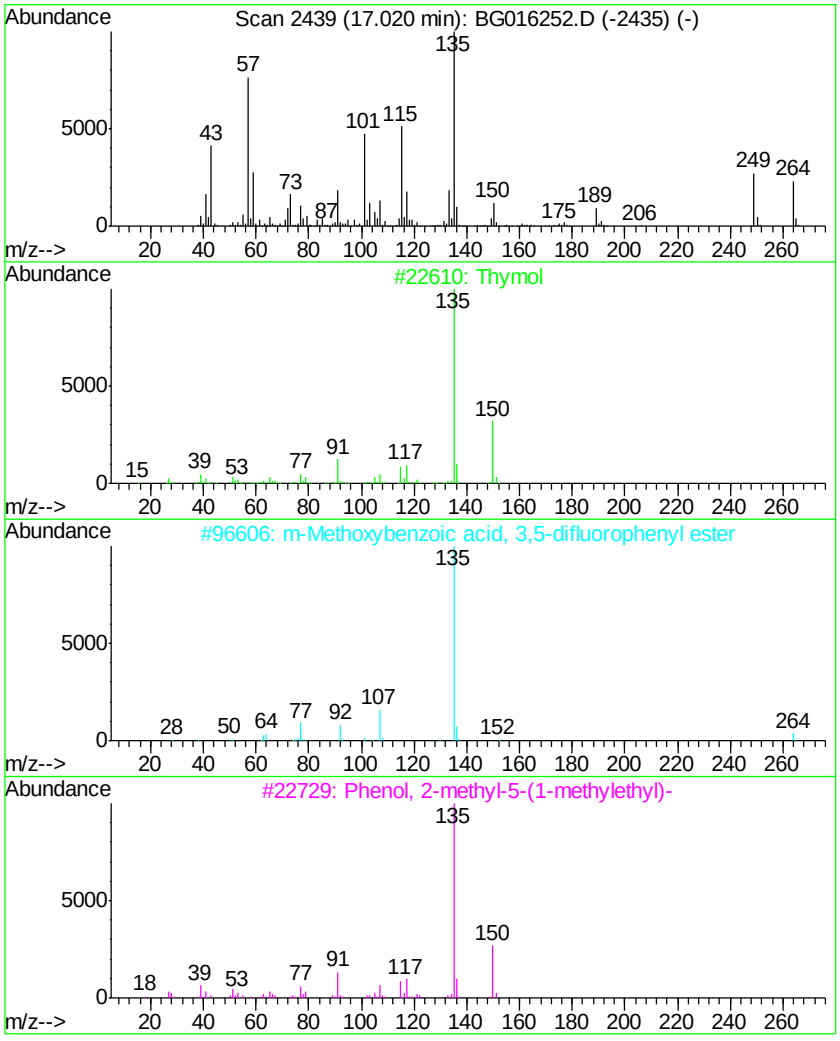
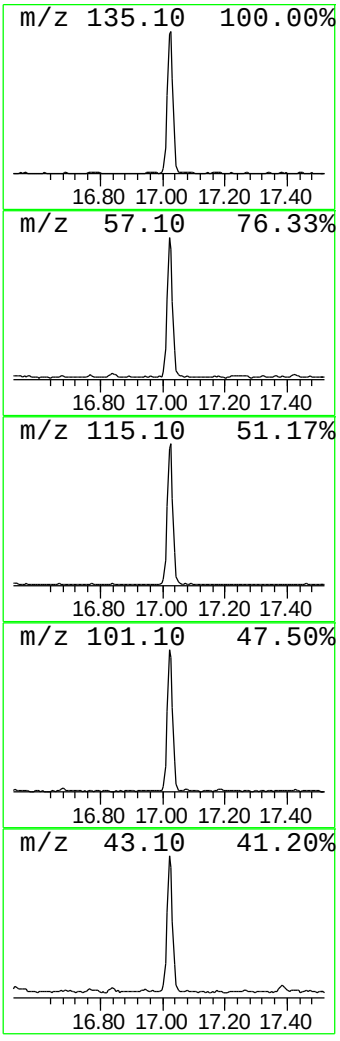
Peak Number 18 unknown17.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	14.43 ng	868993	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	30
2	m-Methoxybenzoic acid, 3,5-diflu...	264	C14H10F2O3	1000292-62-6	27
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	25
4	Silane, trimethylphenyl-	150	C9H14Si	000768-32-1	25
5	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	25





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Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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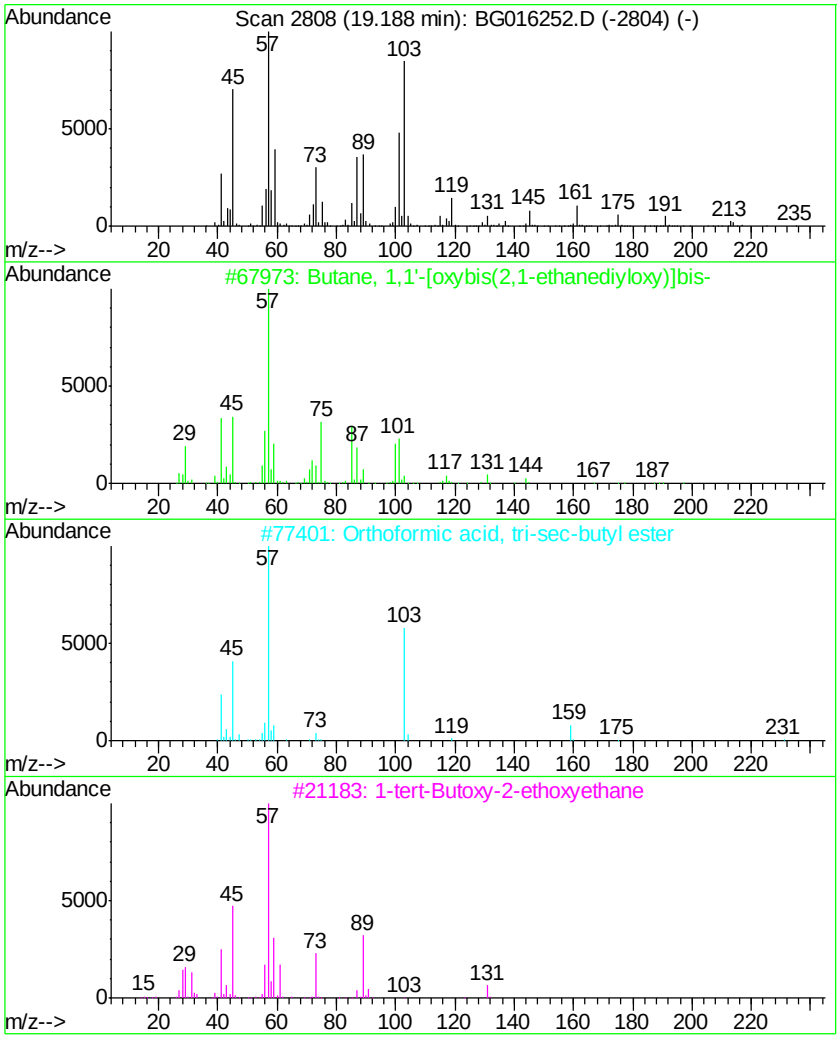
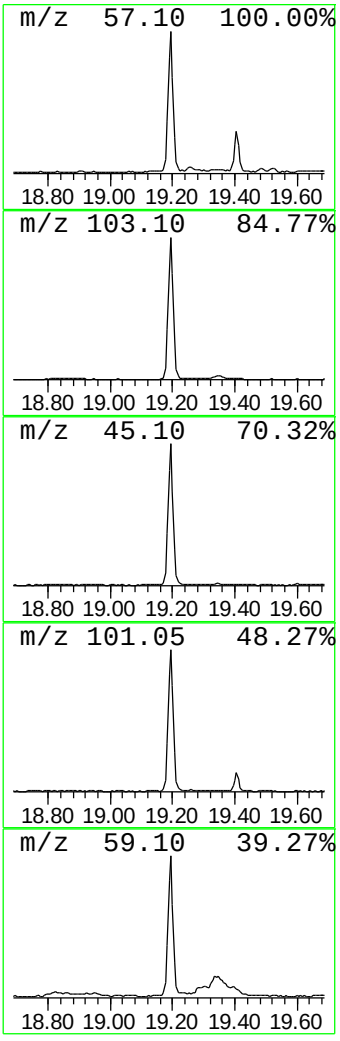
Peak Number 19 unknown19.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	18.55 ng	1214420	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	37
2	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	35
3	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	27
4	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	22
5	1-(2-Hydroxyethylthio)-2-(2-viny...	208	C8H16O2S2	114811-41-5	16





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Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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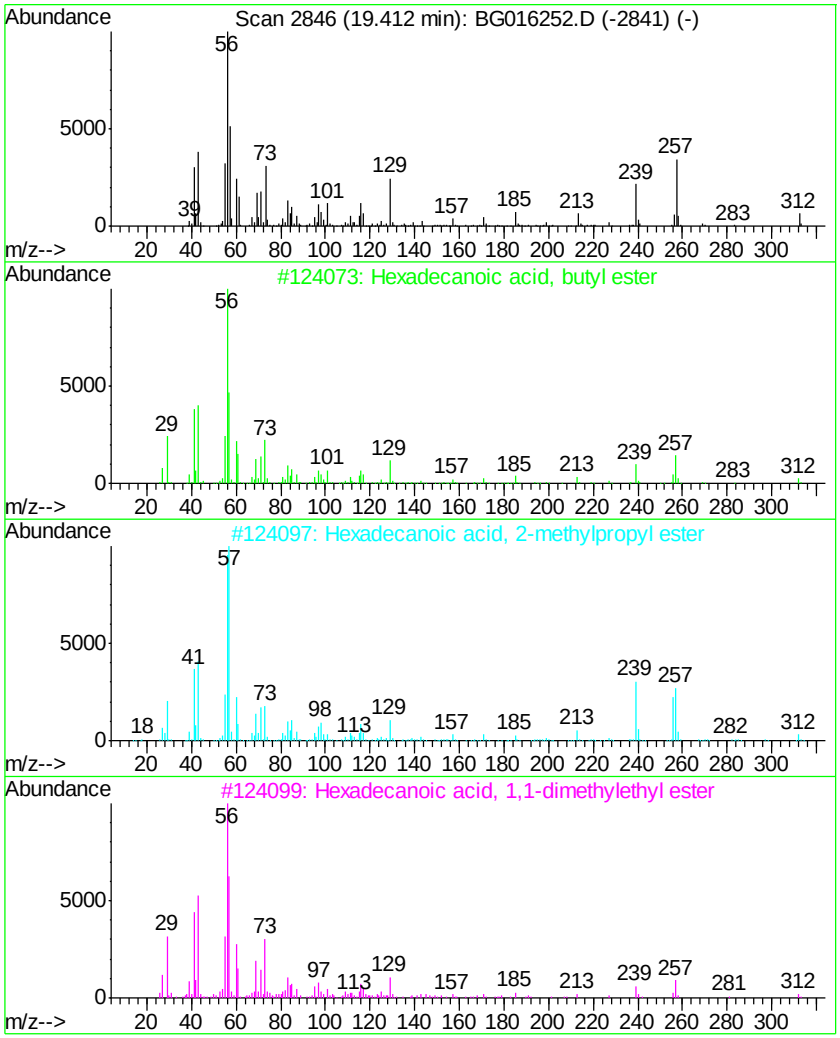
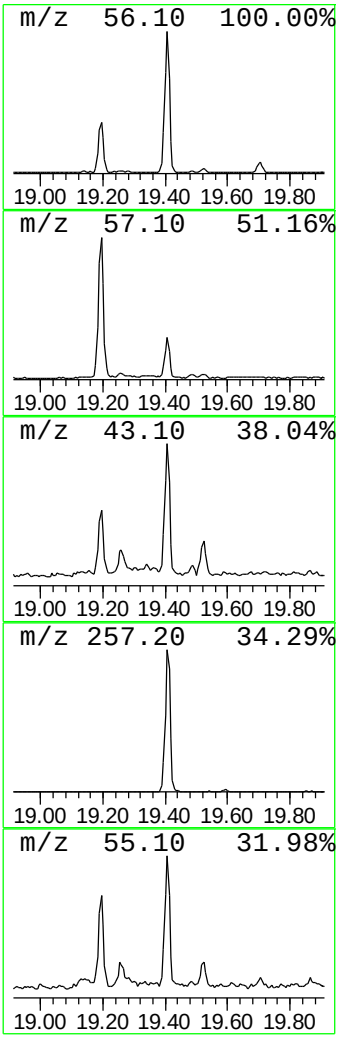
Peak Number 20 Hexadecanoic acid, butyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	8.55 ng	559600	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	99
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	93
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
4	Nipecotic acid	129	C6H11NO2	000498-95-3	35
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32





Tentatively Identified Compound (LSC) summary

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Data File : BG016252.D
Acq On : 7 Apr 2015 12:31
Operator : TP/IZ
Sample : G1756-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-(2-...	7.26	78.2	ng	9102280	1	7.70	2327160	20.0
Tri(1,2-propylene...	7.53	133.1	ng	15484300	1	7.70	2327160	20.0
Benzene, 1-methyl...	7.84	9.7	ng	1128390	1	7.70	2327160	20.0
D-Limonene	7.92	19.4	ng	2261020	1	7.70	2327160	20.0
Hexanoic acid, 3,...	9.41	67.1	ng	2602350	2	10.49	775381	20.0
2-Oxabicyclo[2.2....	9.61	36.7	ng	1424330	2	10.49	775381	20.0
3-Pentenoic acid,...	9.88	23.9	ng	926398	2	10.49	775381	20.0
cis-.beta.-Terpineol	10.12	7.8	ng	302397	2	10.49	775381	20.0
Ethanol, 2-(2-but...	10.29	85.3	ng	3306660	2	10.49	775381	20.0
3-Cyclohexen-1-ol...	10.36	17.6	ng	683731	2	10.49	775381	20.0
Ethanone, 1-(4-me...	10.41	6.8	ng	262544	2	10.49	775381	20.0
p-menth-1-en-8-ol	10.56	251.3	ng	9744690	2	10.49	775381	20.0
Cyclohexanol, 1-m...	10.63	23.7	ng	917803	2	10.49	775381	20.0
unknown12.09	12.09	6.3	ng	242413	2	10.49	775381	20.0
1-Decene	13.99	6.4	ng	375417	3	14.34	1180490	20.0
unknown17.02	17.02	14.4	ng	868993	4	17.08	1204830	20.0
unknown19.19	19.19	18.6	ng	1214420	5	21.26	1309040	20.0
Hexadecanoic acid...	19.41	8.6	ng	559600	5	21.26	1309040	20.0