LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

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_F\METHODS\8270-BF121815.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	3.847	150	154	157	rBV	1073946	1730045	25.55%	2.421%
2	5.344	282	285	287	rVB	779380	893534	13.20%	1.251%
3	5.447	292	294	297	rBV	531890	811643	11.99%	1.136%
4	5.493	297	298	301	rVB	410931	510024	7.53%	0.714%
5	5.710	314	317	320	rBV2	504476	775163	11.45%	1.085%
6	5.801	323	325	331	rVV	234190	301094	4.45%	0.421%
7	6.407	373	378	379	rBV2	99057	113298	1.67%	0.159%
8	6.533	386	389	391	rVV2	300195	459817	6.79%	0.644%
9	6.567	391	392	393	rVV	153231	140657	2.08%	0.197%
10	6.590	393	394	396	rVV2	103341	190837	2.82%	0.267%
11	6.659	396	400	402	rVV2	874373	1360913	20.10%	1.905%
12	6.716	402	405	408	rVV2	589780	966247	14.27%	1.352%
13	6.762	408	409	413	rVB	155216	125902	1.86%	0.176%
14	6.876	417	419	421	rBV	279831	290842	4.30%	0.407%
15	6.956	421	426	431	rVB	697102	784810	11.59%	1.098%
16	7.036	431	433	437	rVB2	925502	1163548	17.18%	1.629%
17	7.150	440	443	445	rBV	2834543	2920485	43.13%	4.088%
18	7.299	452	456	458	rBV2	207095	421344	6.22%	0.590%
19	7.356	459	461	463	rVV	156844	218693	3.23%	0.306%
20	7.447	465	469	472	rVV	766178	900928	13.31%	1.261%
21	7.505	472	474	475	rVV	96885	123763	1.83%	0.173%
22	7.585	479	481	482	rVV2	69502	132422	1.96%	0.185%
23	7.653	482	487	488	rVV2	199214	544423	8.04%	0.762%
24	7.699	488	491	492	rVV3	44248	115070	1.70%	0.161%
25	7.745	492	495	497	rVV	727124	804591	11.88%	1.126%
26	7.836	500	503	506	rVB	171737	272329	4.02%	0.381%
27	7.916	507	510	512	rBV2	448064	693522	10.24%	0.971%
28	7.962	512	514	516	rVV2	455030	1011175	14.93%	1.415%
29	8.019	516	519	523	rVB3	347912	766416	11.32%	1.073%
30	8.202	530	535	537	rVV	3776592	6771176	100.00%	9.477%
31	8.247	537	539	541	rVB	613101	666487	9.84%	0.933%
32	8.385	548	551	552	rBV	687887	599954	8.86%	0.840%
33	8.442	552	556	558	rVB	847782	838652	12.39%	1.174%
34	8.556	561	566	568	rBV3	164668	459322	6.78%	0.643%

LSC Area Percent Report

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Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

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_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.625	571	572	575	rVV2	90256	152743	2.26%	0.214%
36	8.682	575	577	579	rVB3	93763	129075	1.91%	0.181%
37	8.762	582	584	589	rVB3	61157	112773	1.67%	0.158%
38	8.876	592	594	597	rVB	797249	1106108	16.34%	1.548%
39	8.933	597	599	601	rBV2	136999	236235	3.49%	0.331%
40	8.979	601	603	606	rVB	1398476	1324078	19.55%	1.853%
41	9.048	607	609	613	rBV2	167066	293782	4.34%	0.411%
42	9.150	613	618	621	rBV2	587290	1212895	17.91%	1.698%
43	9.242	624	626	628	rVB	1563946	1310132	19.35%	1.834%
44	9.345	631	635	636	rBV	110143	187191	2.76%	0.262%
45	9.402	638	640	642	rVV	867072	760136	11.23%	1.064%
46	9.470	644	646	647	rVV	155385	197809	2.92%	0.277%
47	9.505	647	649	651	rVV2	167773	267751	3.95%	0.375%
48	9.585	654	656	657	rBV	263689	327535	4.84%	0.458%
49	9.608	657	658	659	rVV	129895	112474	1.66%	0.157%
50	9.642	659	661	663	rVV2	146583	206146	3.04%	0.289%
51	9.699	663	666	668	rVV2	222334	313593	4.63%	0.439%
52	9.745	668	670	671	rVB	390235	410297	6.06%	0.574%
53	9.779	671	673	676	rBV	600702	580644	8.58%	0.813%
54	9.916	681	685	687	rBV	377963	429711	6.35%	0.601%
55	9.950	687	688	693	rVB2	196436	345130	5.10%	0.483%
56	10.122	701	703	705	rVV2	135766	116185	1.72%	0.163%
57	10.282	711	717	719	rBV3	130861	264793	3.91%	0.371%
58	10.351	719	723	724	rBV3	80252	180711	2.67%	0.253%
59	10.373	724	725	728	rVV3	136474	145726	2.15%	0.204%
60	10.465	731	733	736	rVB	429810	497413	7.35%	0.696%
61	10.579	736	743	746	rBV4	84948	277699	4.10%	0.389%
62	10.636	746	748	750	rVV3	154110	276485	4.08%	0.387%
63	10.705	750	754	756	rVV2	474148	1177167	17.38%	1.648%
64	10.796	759	762	764	rVV	1986242	2067393	30.53%	2.894%
65	10.831	764	765	768	rVB2	145123	190036	2.81%	0.266%
66	11.082	785	787	792	rBV3	107256	158428	2.34%	0.222%
67	11.333	807	809	811	rVB2	92192	114128	1.69%	0.160%
68	11.425	813	817	819	rBV2	412437	744870	11.00%	1.043%
69	11.482	819	822	823	rVB	142735	139355	2.06%	0.195%
70	11.516	823	825	827	rBV2	171056	244114	3.61%	0.342%
71	11.608	831	833	834	rVB	156857	121218	1.79%	0.170%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

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_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.642	834	836	838	rBV	124298	135207	2.00%	0.189%
73	11.688	838	840	843	rVB2	357474	436835	6.45%	0.611%
74	11.791	843	849	850	rBV4	77438	210756	3.11%	0.295%
75	11.871	853	856	858	rBV	352254	540970	7.99%	0.757%
76	11.905	858	859	861	rVV2	139270	230906	3.41%	0.323%
77	11.996	863	867	868	rVV	2686593	3542134	52.31%	4.958%
78	12.019	868	869	873	rVB3	146617	213374	3.15%	0.299%
79	12.385	899	901	904	rVB3	78058	164290	2.43%	0.230%
80	12.454	905	907	913	rVV5	138700	262229	3.87%	0.367%
81	12.614	918	921	923	rBV2	228023	354585	5.24%	0.496%
82	12.682	923	927	929	rVV	269725	409800	6.05%	0.574%
83	12.739	929	932	933	rVV2	135167	195044	2.88%	0.273%
84	12.762	933	934	936	rVV	364842	361123	5.33%	0.505%
85	12.842	939	941	945	rBV	286392	392118	5.79%	0.549%
86	12.991	951	954	955	rBV	953654	929538	13.73%	1.301%
87	13.036	955	958	961	rVV	2465666	3075906	45.43%	4.305%
88	13.414	985	991	1003	rBV	1455882	4040094	59.67%	5.655%
89	13.574	1003	1005	1009	rVV2	140440	246052	3.63%	0.344%
90	13.722	1016	1018	1021	rVB	317625	302607	4.47%	0.424%
91	13.974	1036	1040	1042	rBV	2610240	3242930	47.89%	4.539%
92	14.042	1044	1046	1053	rVB3	311215	696158	10.28%	0.974%
93	14.442	1078	1081	1082	rBV	76559	120449	1.78%	0.169%
94	14.511	1085	1087	1090	rVV2	103858	147418	2.18%	0.206%
95	14.568	1090	1092	1095	rVB2	223088	270370	3.99%	0.378%
96	14.808	1109	1113	1115	rBV	1945882	2586411	38.20%	3.620%
97	15.082	1134	1137	1142	rVB	96091	193061	2.85%	0.270%
98	15.494	1169	1173	1176	rVB2	162675	300143	4.43%	0.420%
99	15.791	1195	1199	1208	rVB	928605	1679352	24.80%	2.350%
100	17.220	1320	1324	1333	rVB	219329	556605	8.22%	0.779%

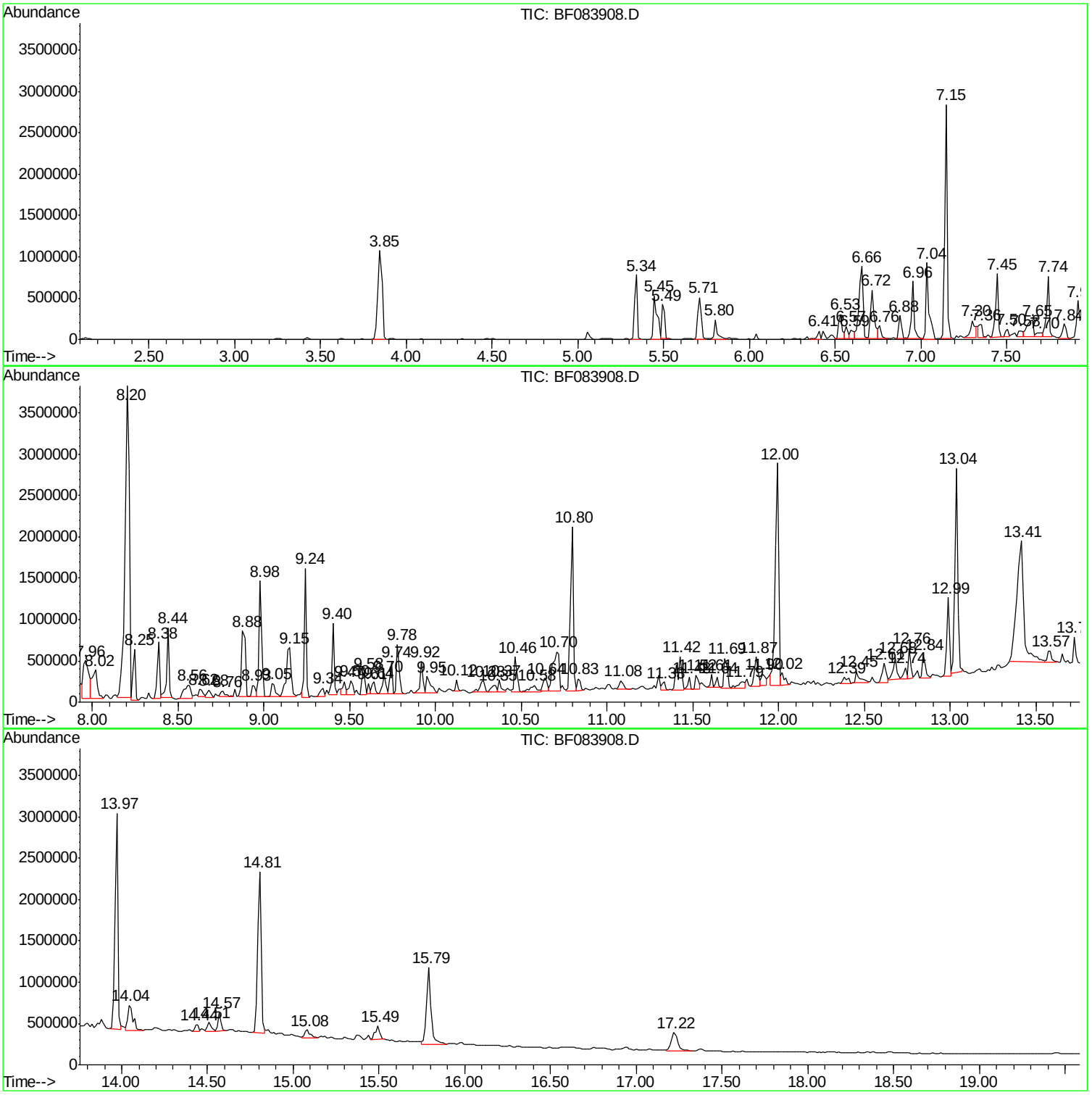
Sum of corrected areas: 71447550

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

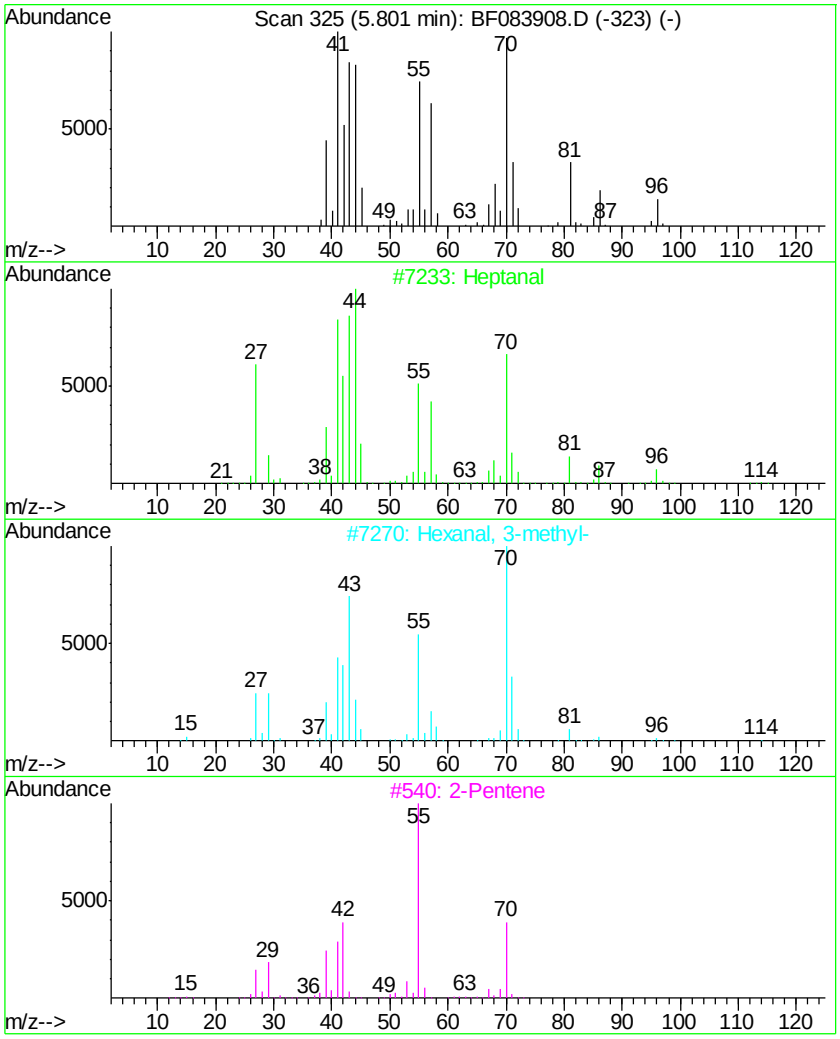
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

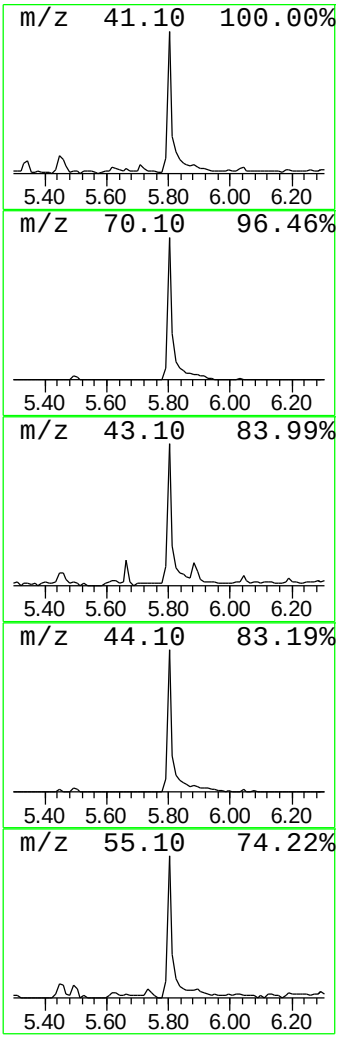
****

Peak Number 4 Heptanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	20.71 ng	301094	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	83
2	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	47
3	2-Pentene	70	C5H10	000109-68-2	35
4	Oxirane, 2-(1,1-dimethylethyl)-3...	114	C7H14O	053897-30-6	32
5	Pentane, 2-chloro-	106	C5H11Cl	000625-29-6	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

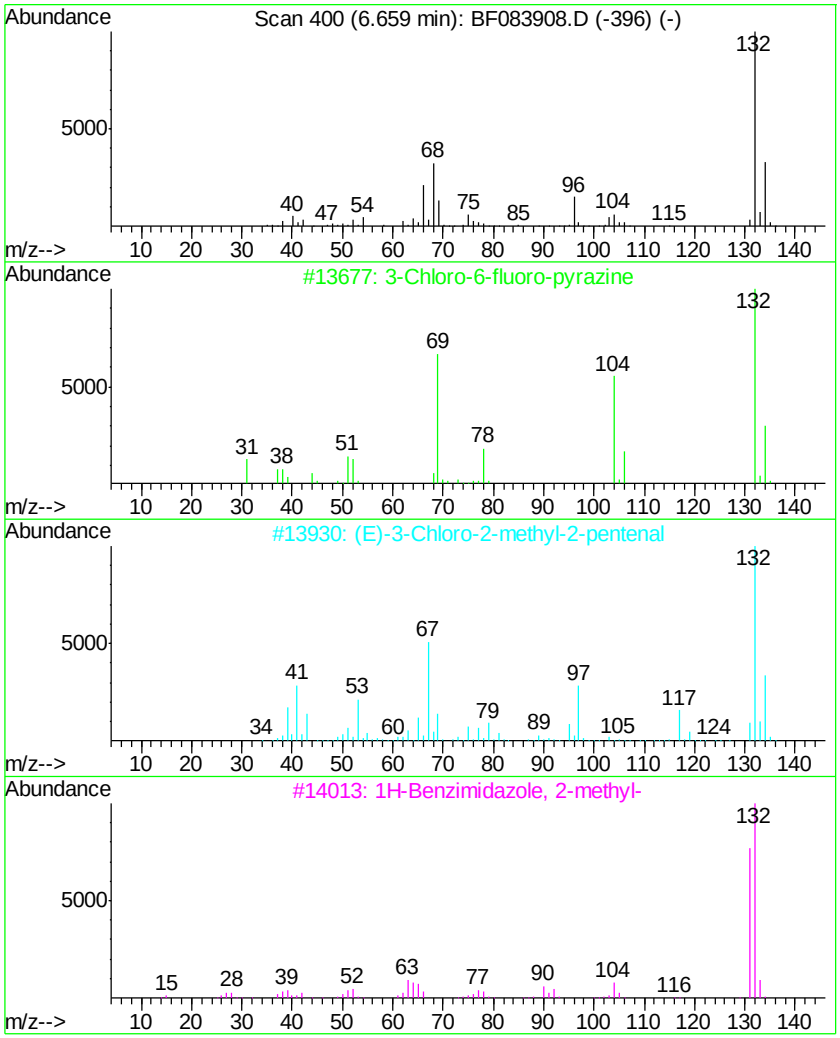
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

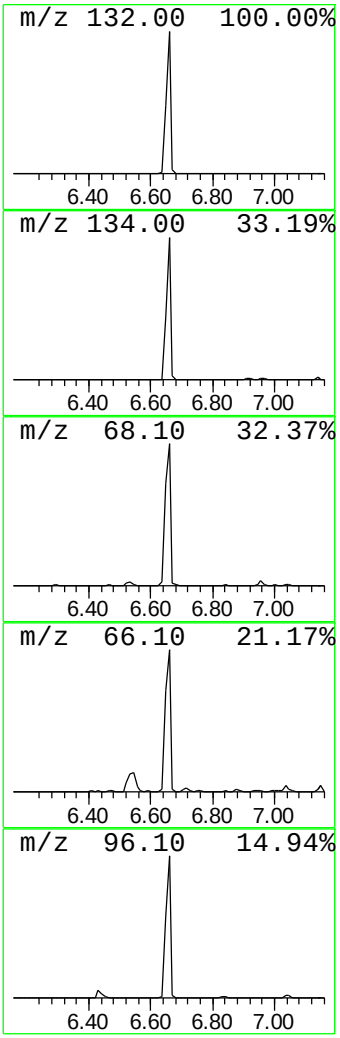
****

Peak Number 5 unknown6.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	93.58 ng	1360910	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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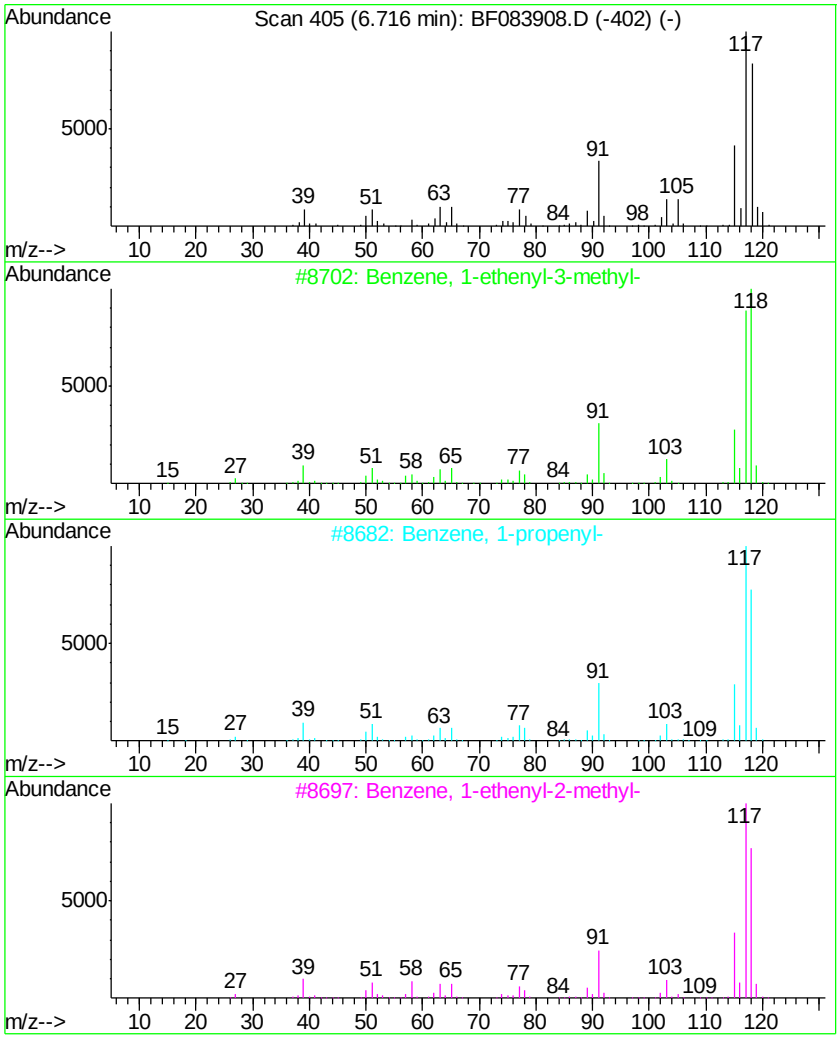
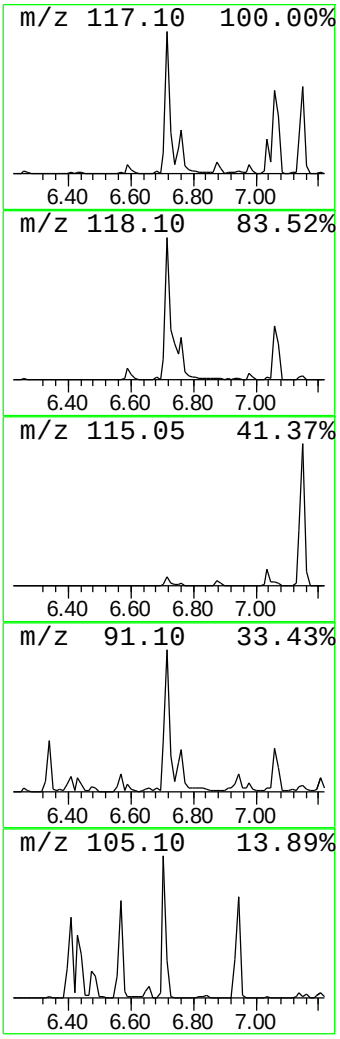
Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	66.44 ng	966247	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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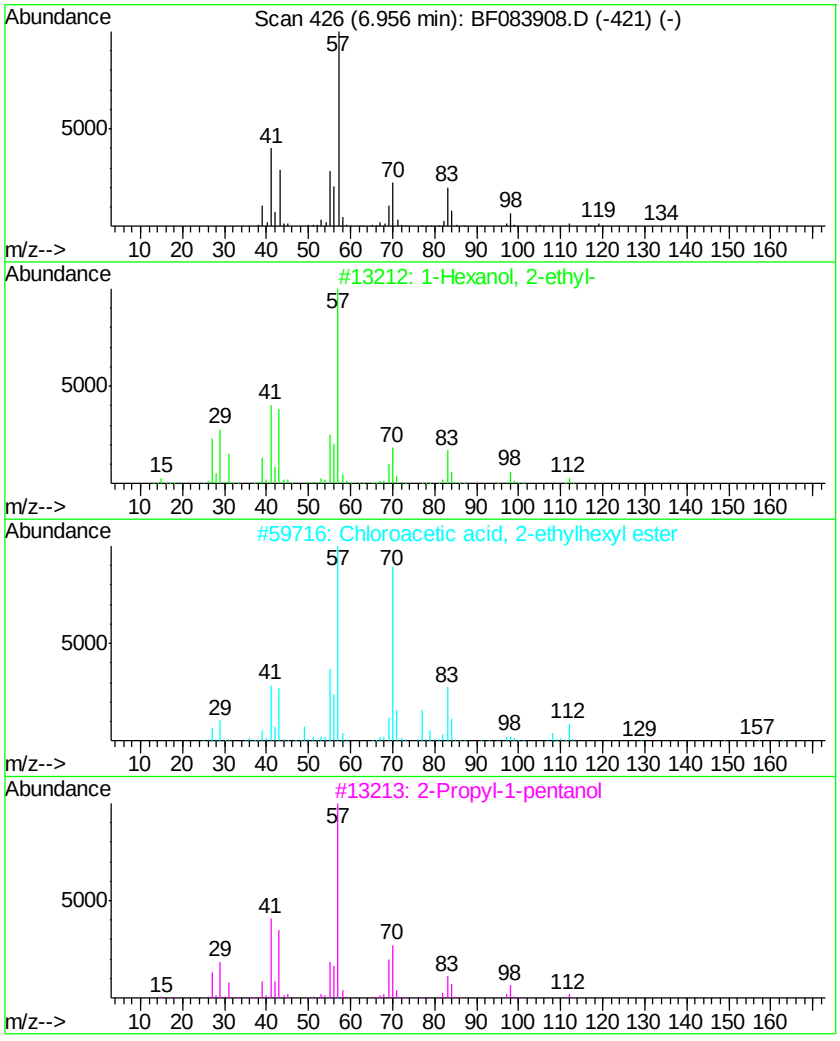
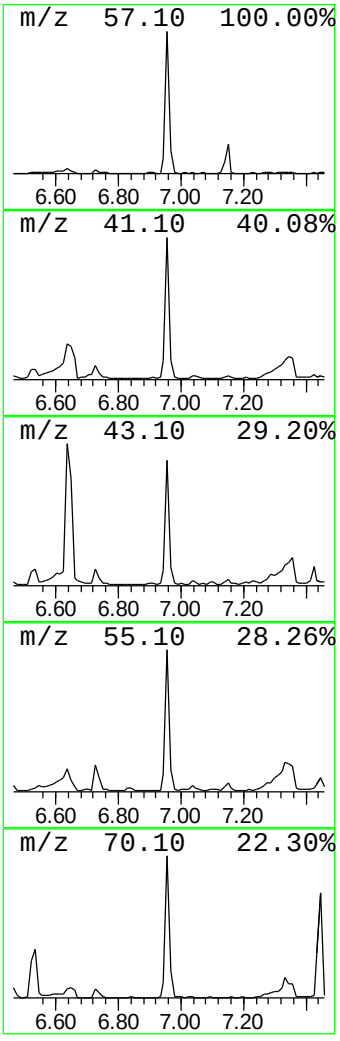
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	53.97 ng	784810	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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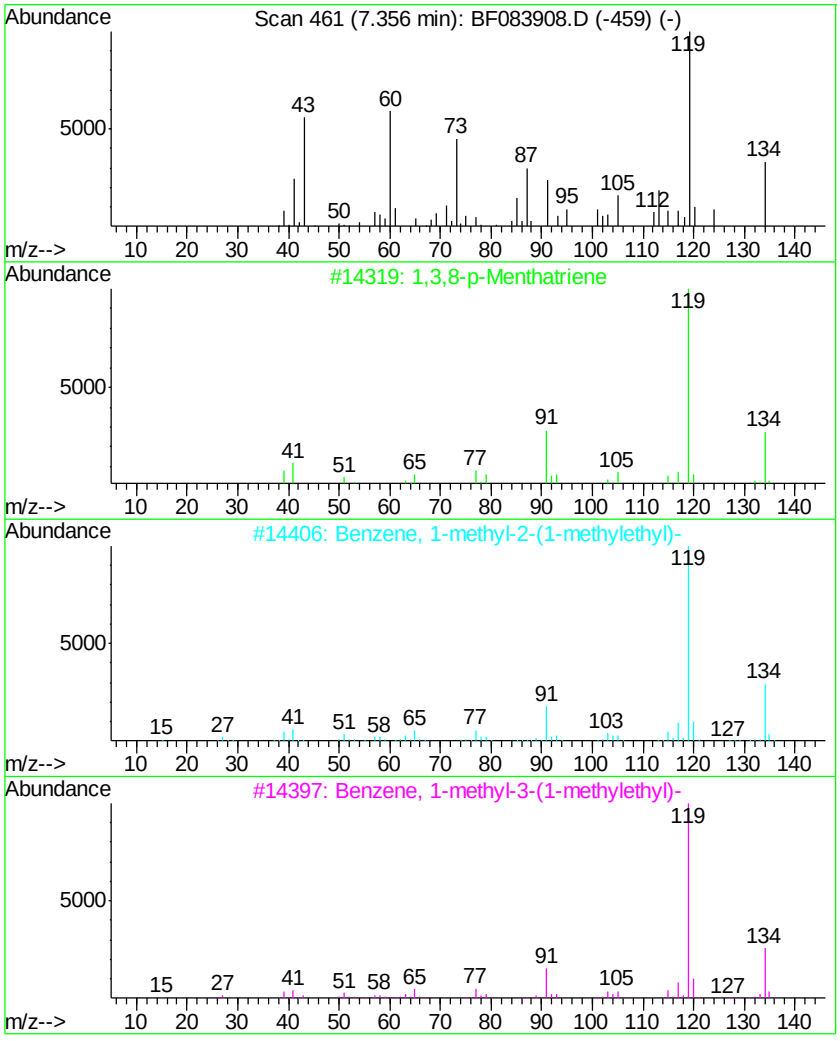
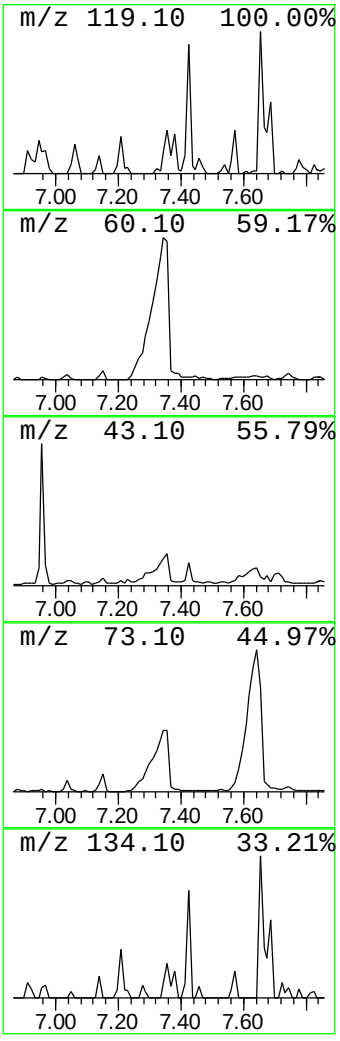
Peak Number 8 unknown7.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	15.04 ng	218693	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	43
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	43
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43





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Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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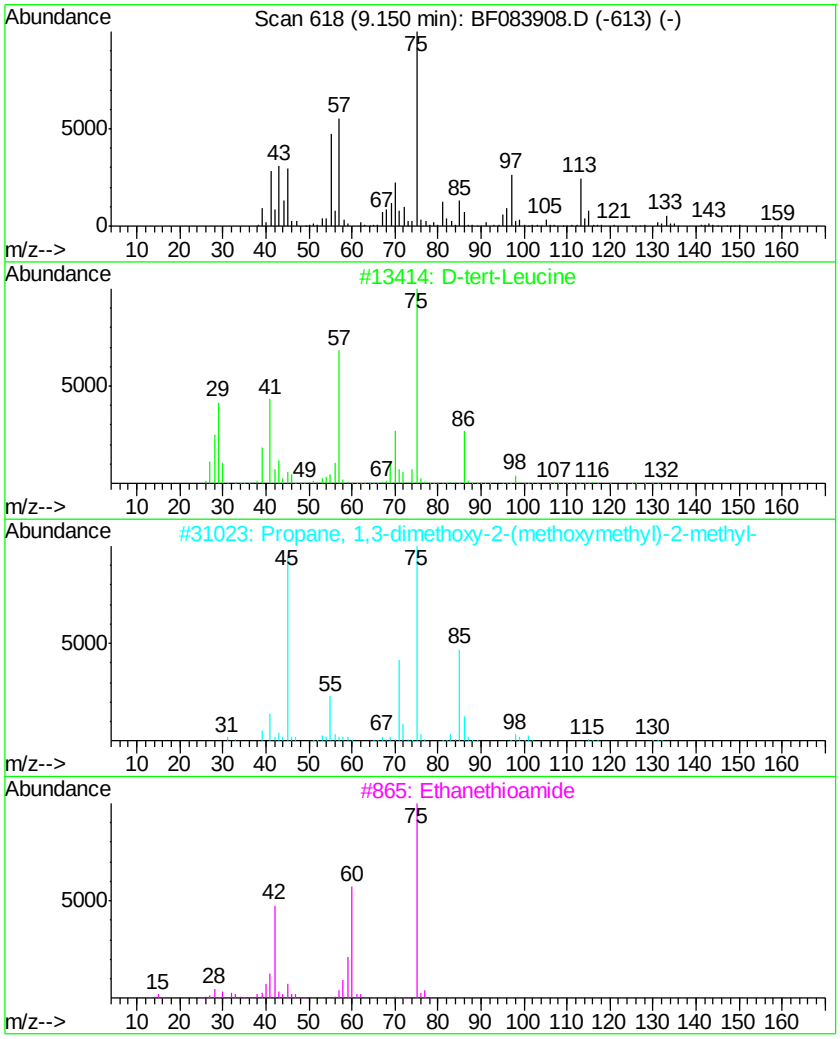
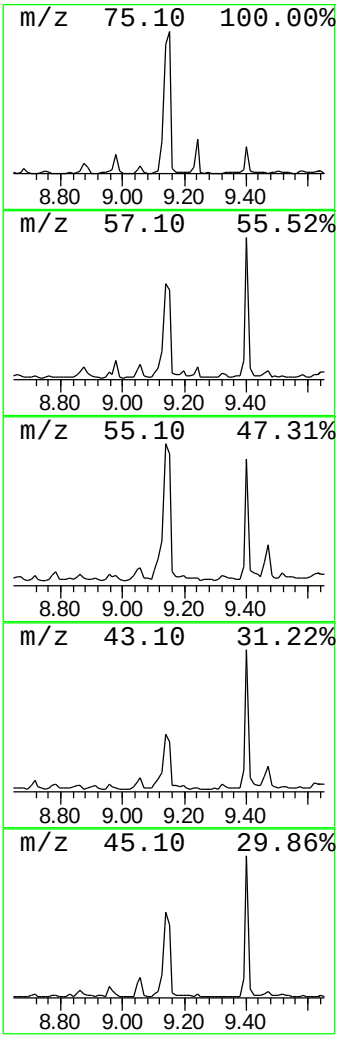
Peak Number 9 unknown9.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	56.45 ng	1212900	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-tert-Leucine	131	C6H13NO2	026782-71-8	43
2	Propane, 1,3-dimethoxy-2-(methox...	162	C8H18O3	015476-20-7	37
3	Ethanethioamide	75	C2H5NS	000062-55-5	27
4	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	25
5	1,3-Octanediol	146	C8H18O2	023433-05-8	23





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ClientSampleId :
WC121515-LIQUID-POPH

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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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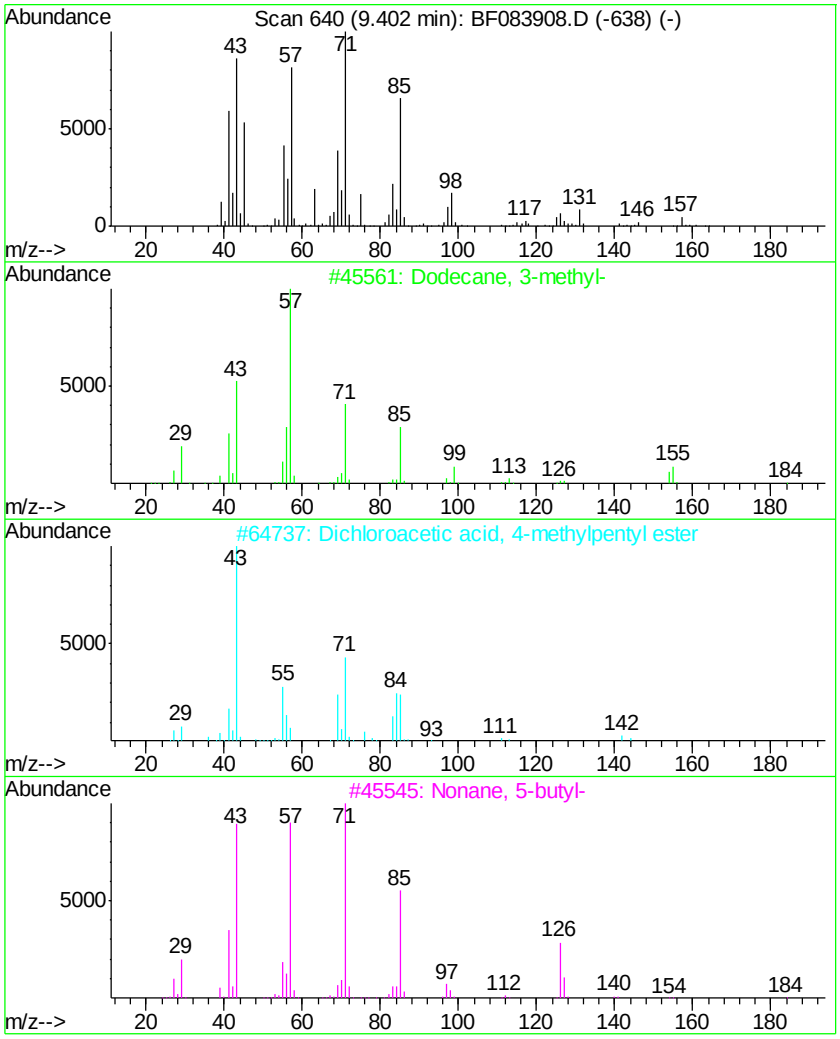
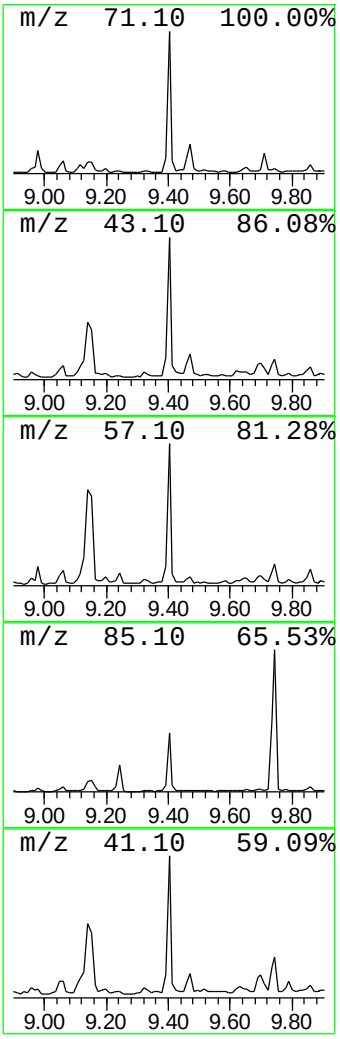
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	35.38 ng	760136	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	50
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	47
4	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	38
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38





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ClientSampleId : WC121515-LIQUID-POPH

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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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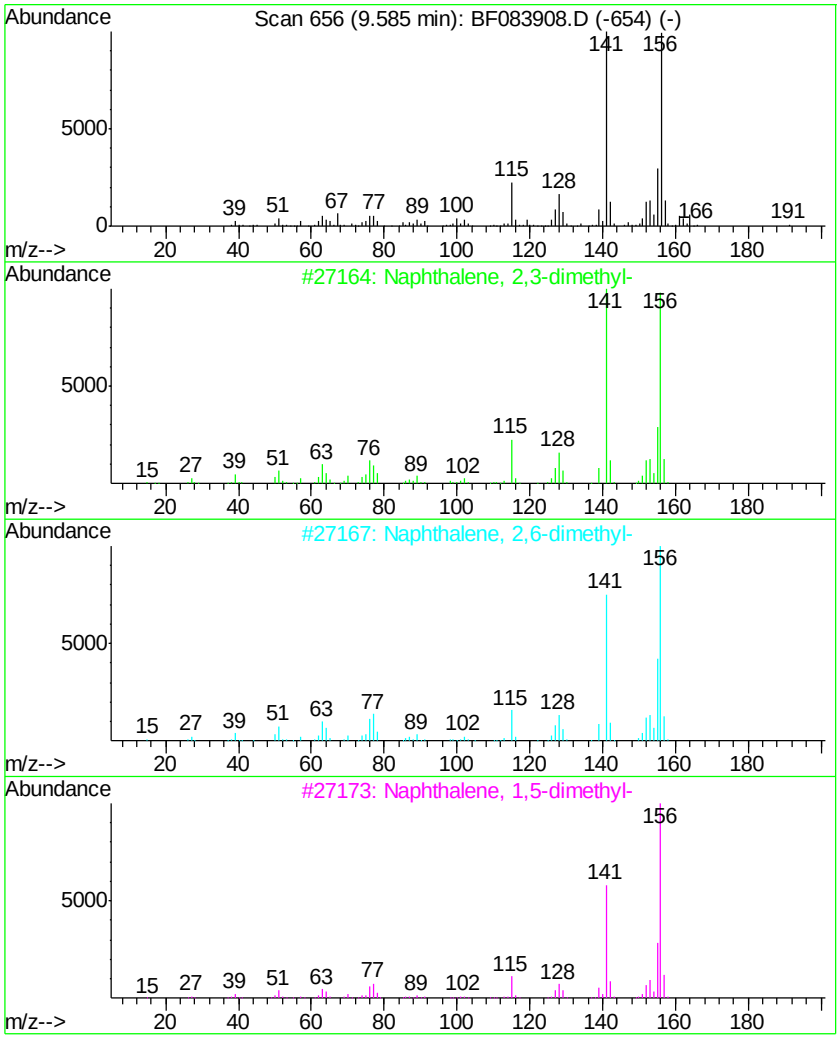
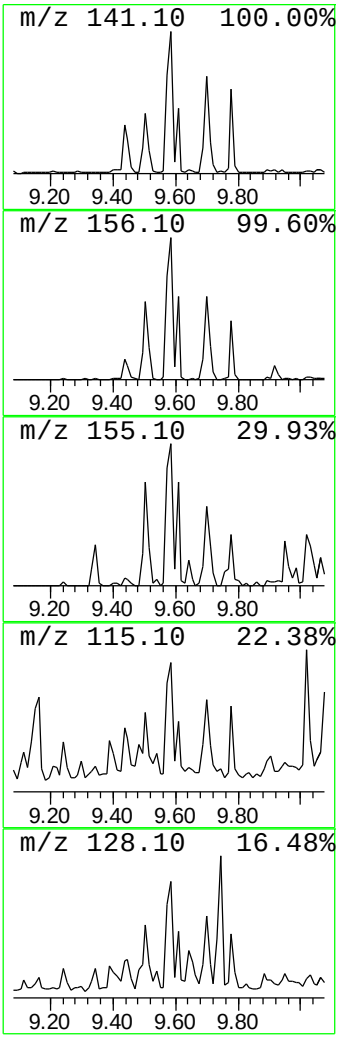
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	15.24 ng	327535	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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ClientSampleId : WC121515-LIQUID-POPH

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

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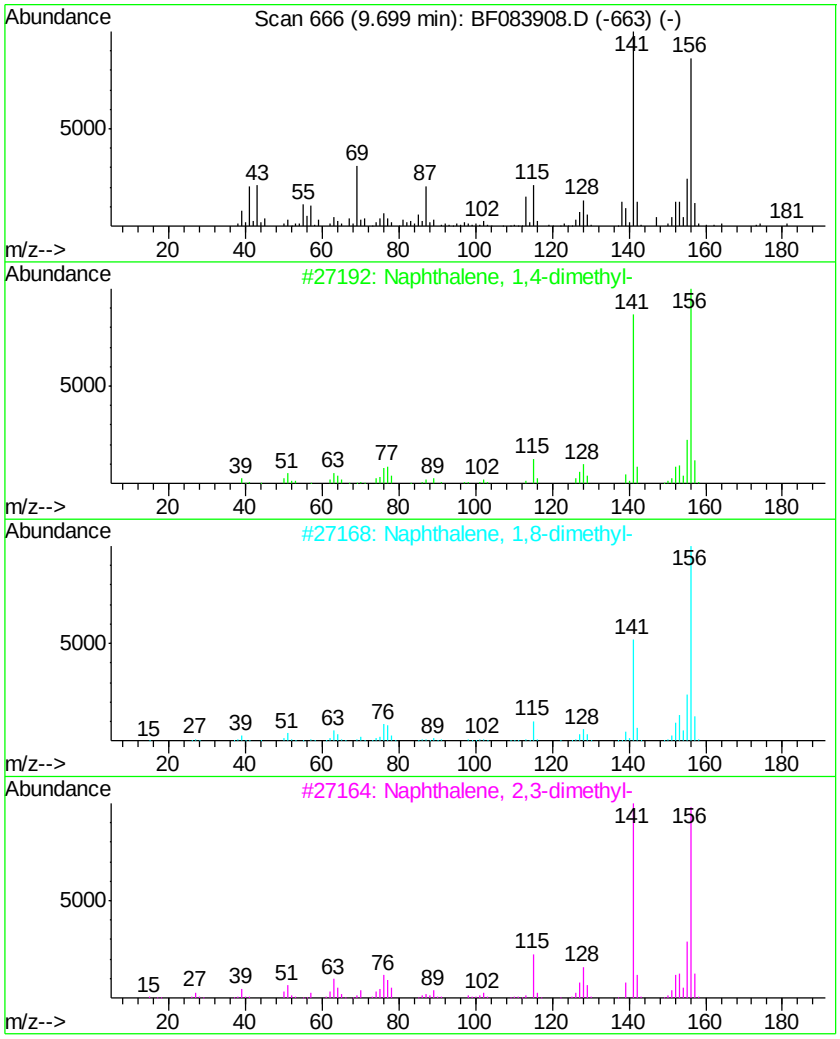
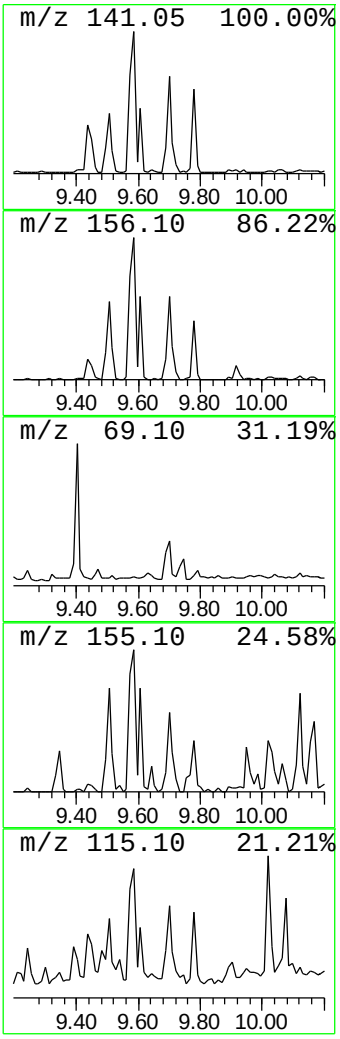
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	14.60 ng	313593	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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ALS Vial : 33 Sample Multiplier: 1

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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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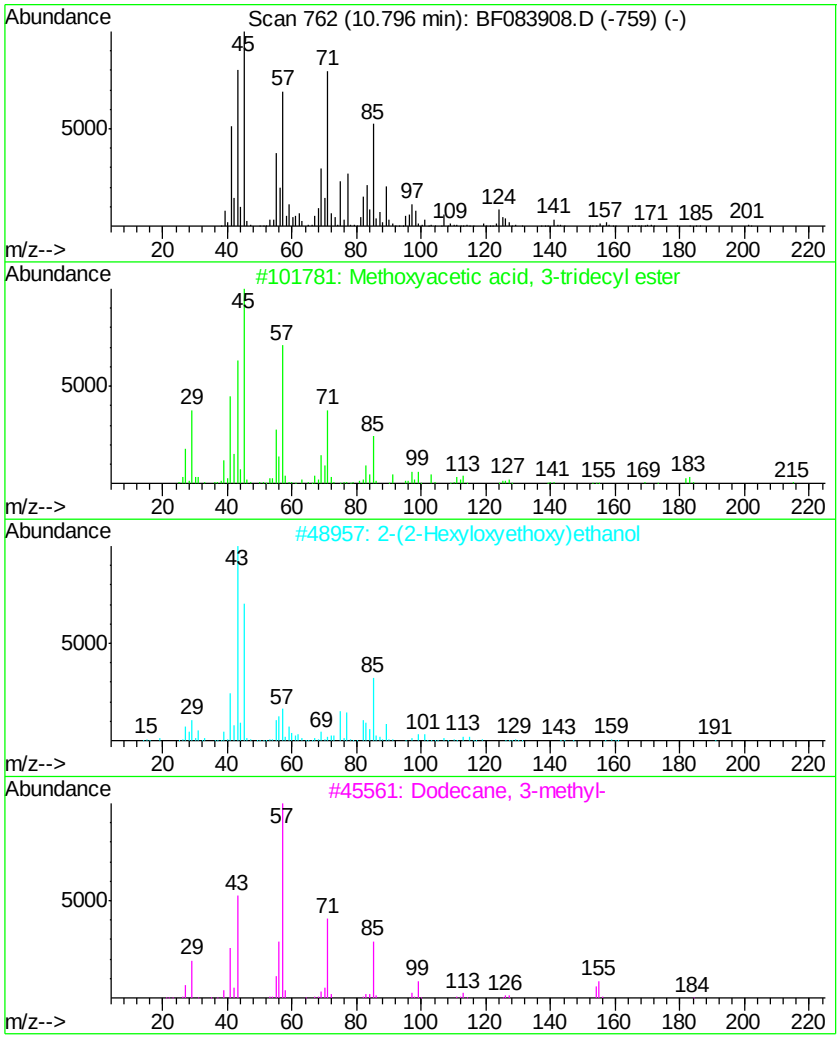
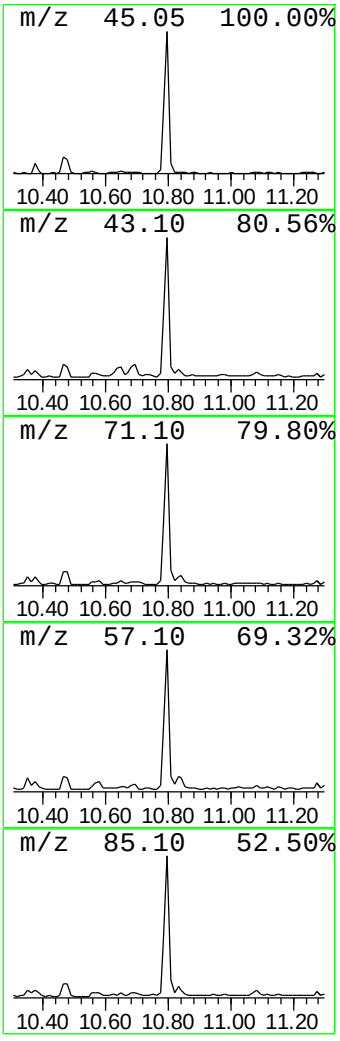
Peak Number 13 Methoxyacetic acid, 3-tride... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	55.51 ng	2067390	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	59
2	2-(2-Hexyloxyethoxy)ethanol	190	C10H22O3	000112-59-4	50
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
4	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	38
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	35





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ALS Vial : 33 Sample Multiplier: 1

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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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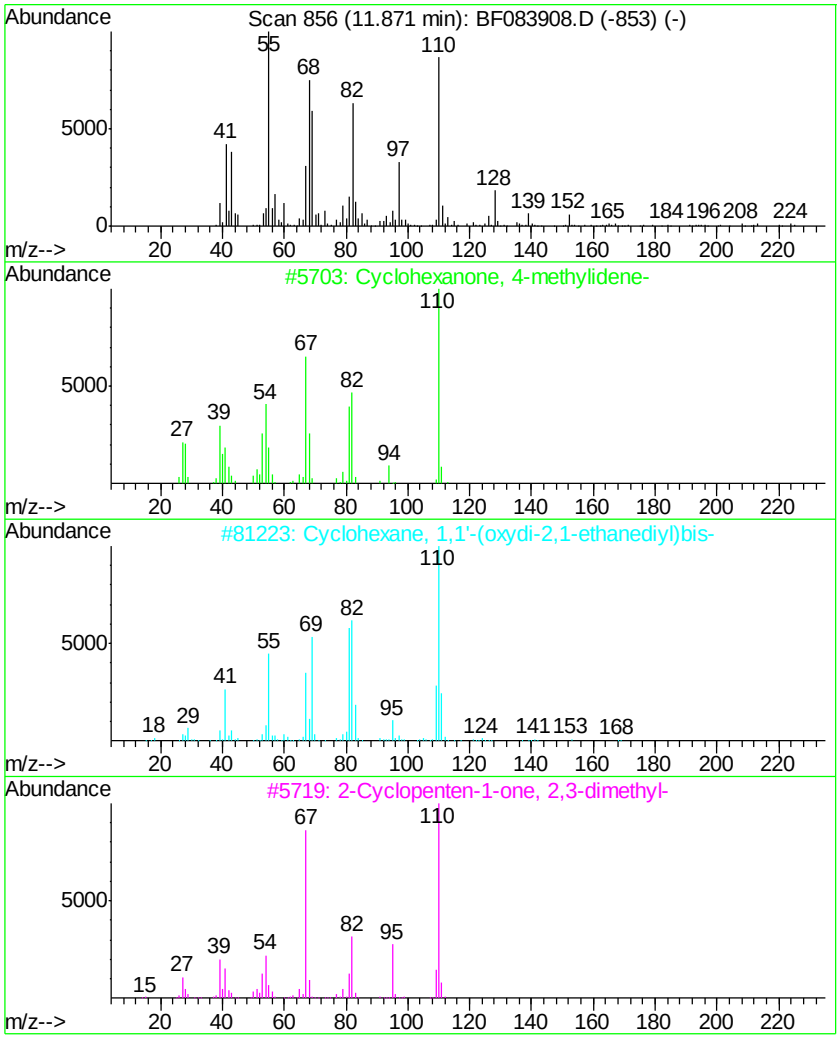
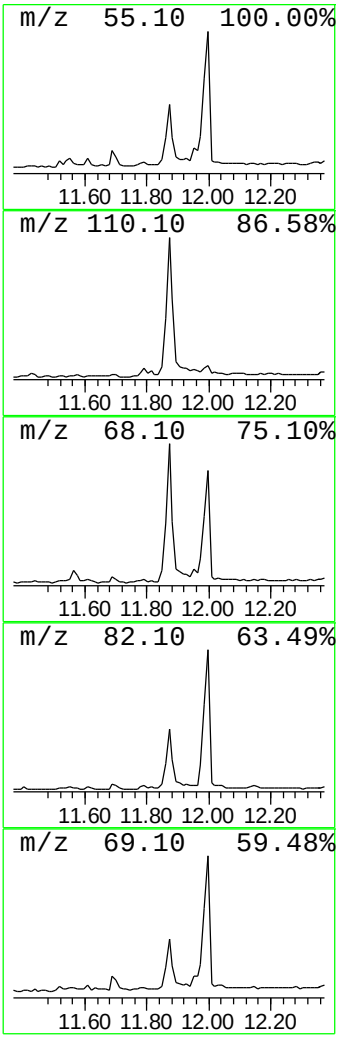
Peak Number 14 unknown11.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	14.53 ng	540970	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-methylidene-	110	C7H10O	029648-66-6	38
2	Cyclohexane, 1,1'-(oxydi-2,1-eth...	238	C16H30O	055255-91-9	35
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	27
4	1-Methylimidazole-4-carboxaldehyde	110	C5H6N2O	017289-26-8	27
5	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	014919-56-3	27





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Misc :
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ClientSampleId : WC121515-LIQUID-POPH

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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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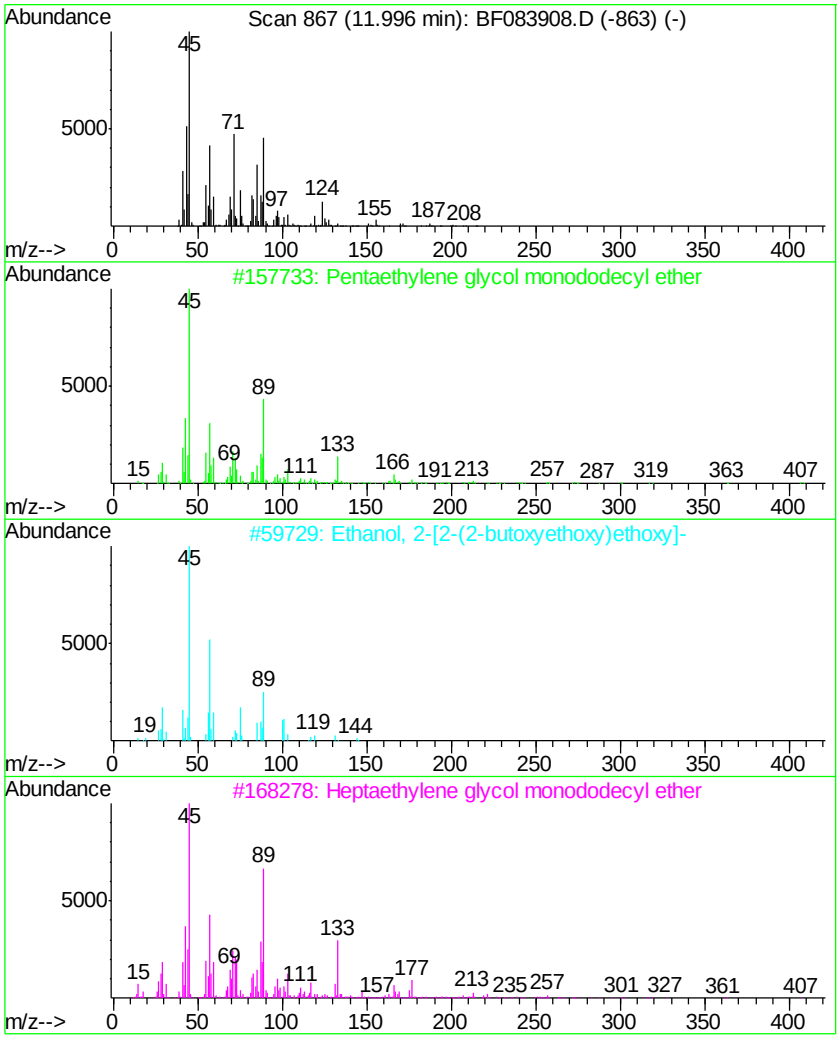
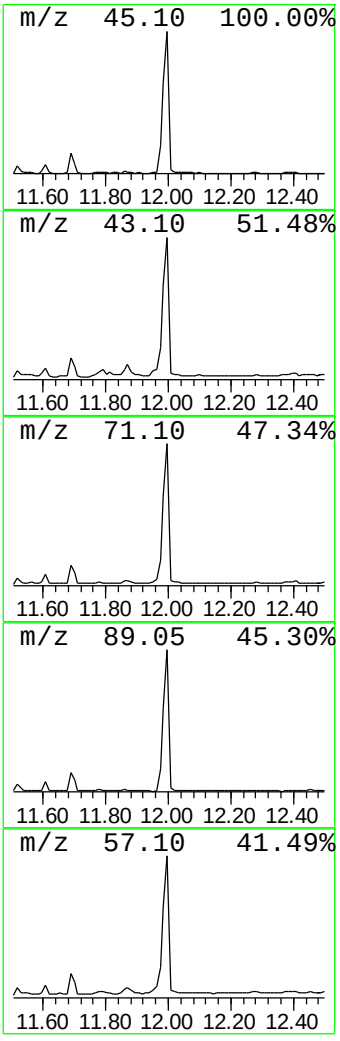
Peak Number 15 Pentaethylene glycol monodo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	95.11 ng	3542130	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	53
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
3	Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	43
4	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	38
5	Hexagol	282	C12H26O7	002615-15-8	35





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ClientSampleId : WC121515-LIQUID-POPH

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TIC Library : C:\DATABASE\NIST02.L
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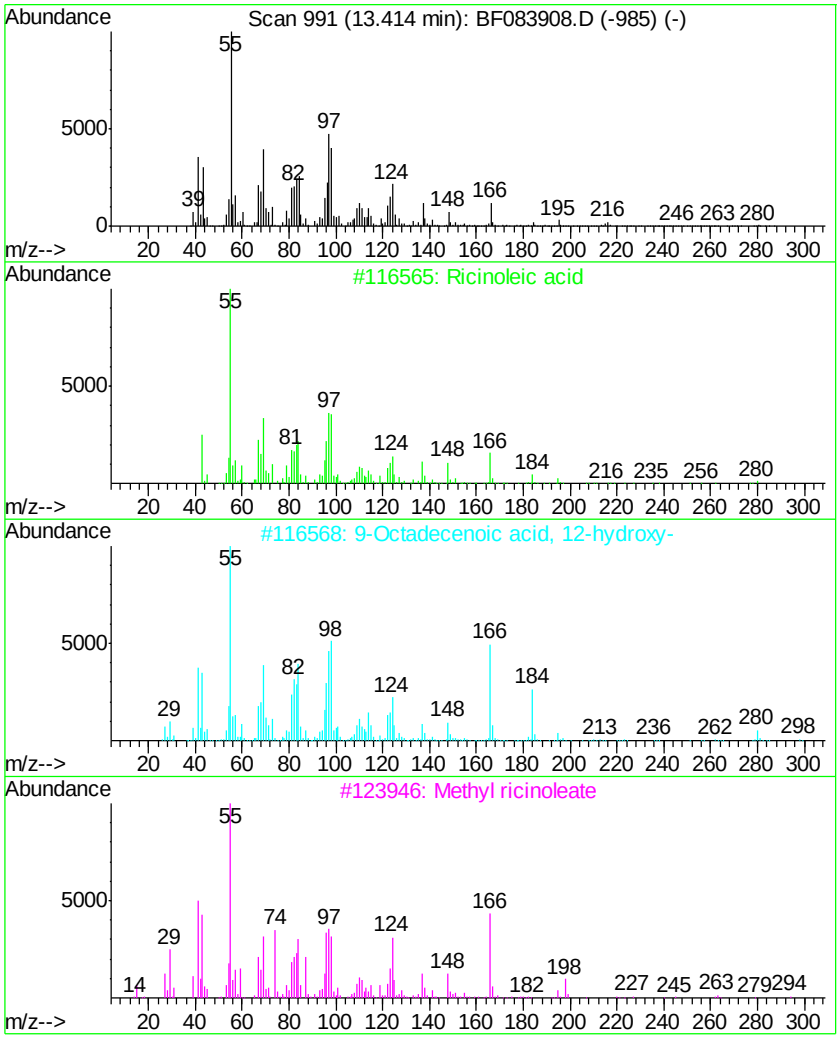
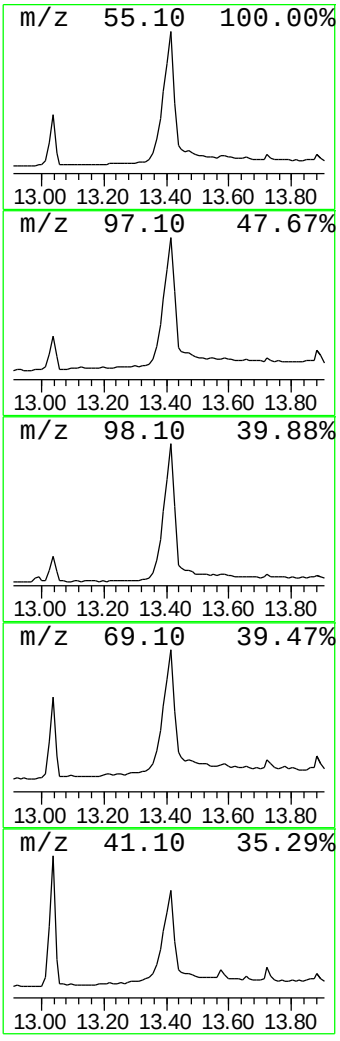
Peak Number 16 Ricinoleic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	116.07 ng	4040090	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ricinoleic acid	298	C18H34O3	000141-22-0	86
2	9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	68
3	Methyl ricinoleate	312	C19H36O3	000141-24-2	53
4	Oxacyclododecan-2-one	184	C11H20O2	001725-03-7	49
5	Chloromethyl 5-chloroundecanoate	268	C12H22Cl2O2	080418-91-3	38





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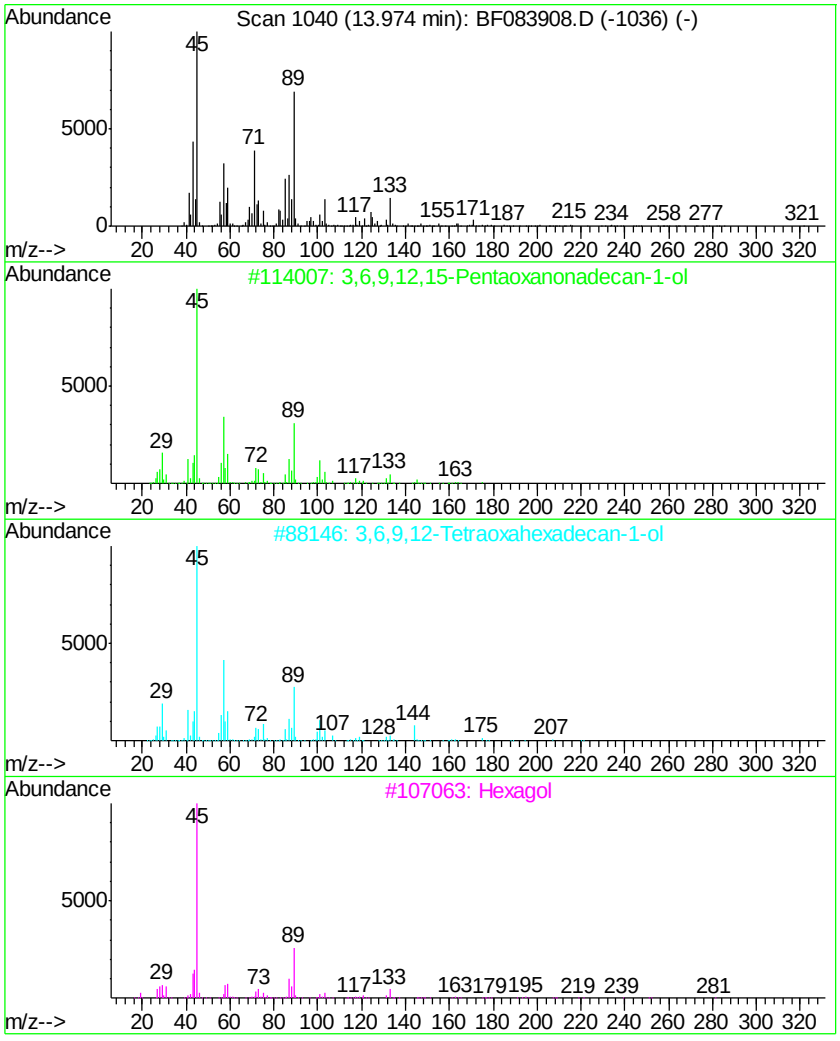
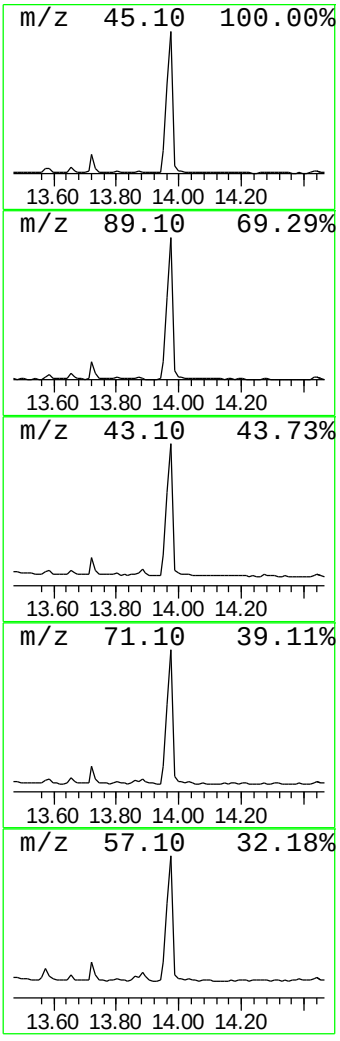
Peak Number 17 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	93.17 ng	3242930	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	64
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	59
3	Hexagol	282	C12H26O7	002615-15-8	58
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	53
5	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	50





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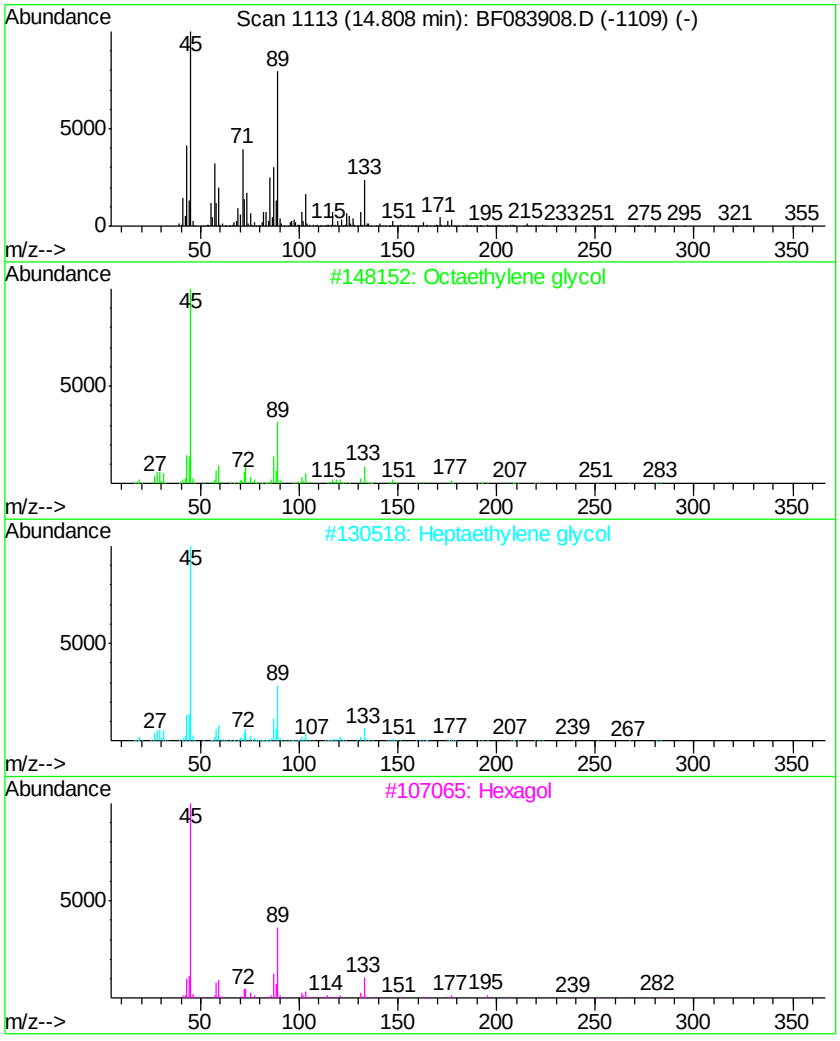
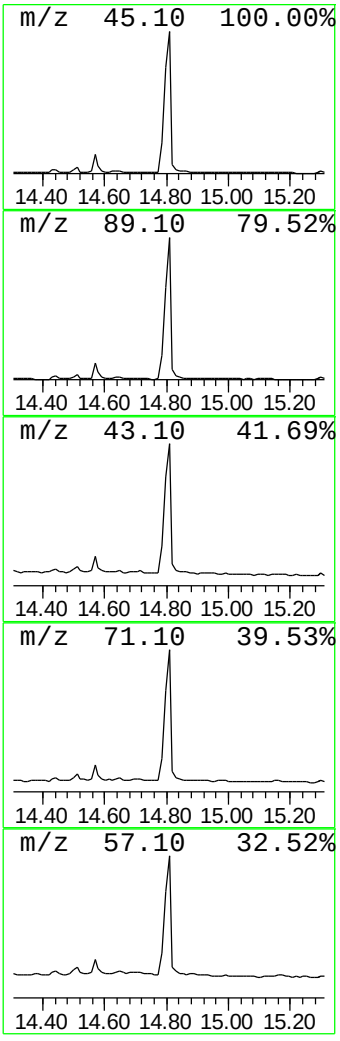
Peak Number 18 Octaethylene glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	172.35 ng	2586410	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octaethylene glycol	370	C16H34O9	1000289-34-2	83
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
3	Hexagol	282	C12H26O7	002615-15-8	53
4	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	50
5	Butanamide, 2-hydroxy-N,3,3-trim...	145	C7H15NO2	087919-98-0	40





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TIC Library : C:\DATABASE\NIST02.L
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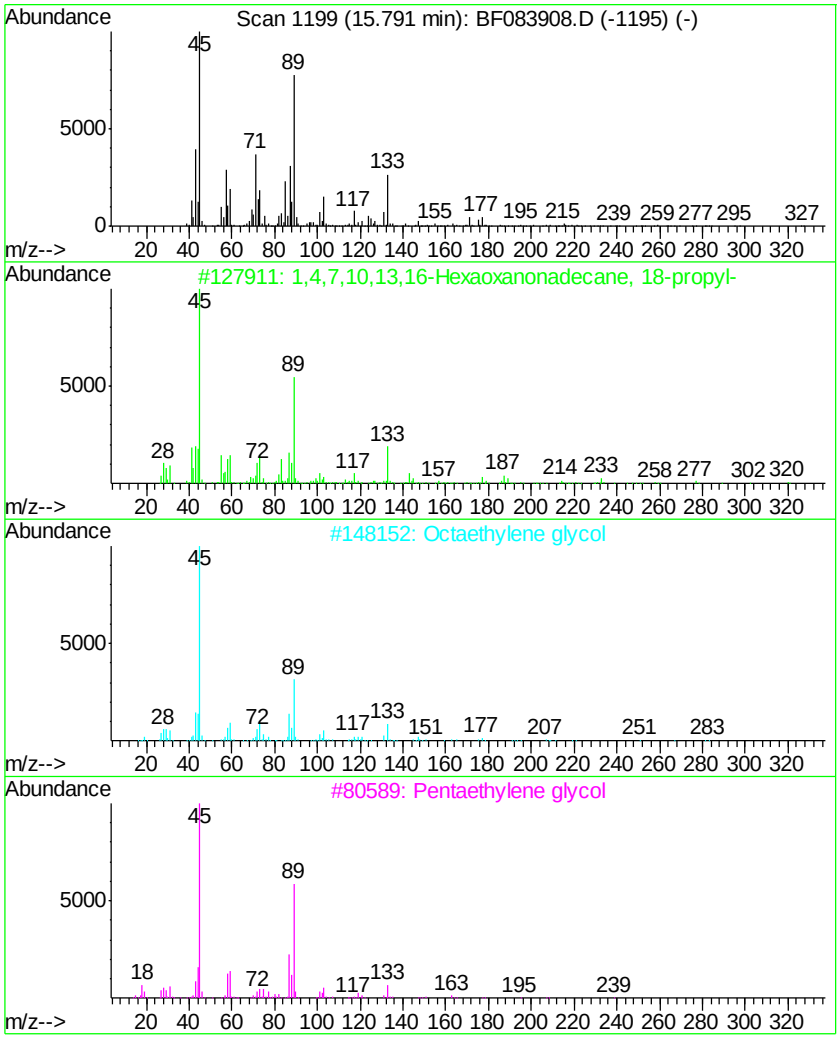
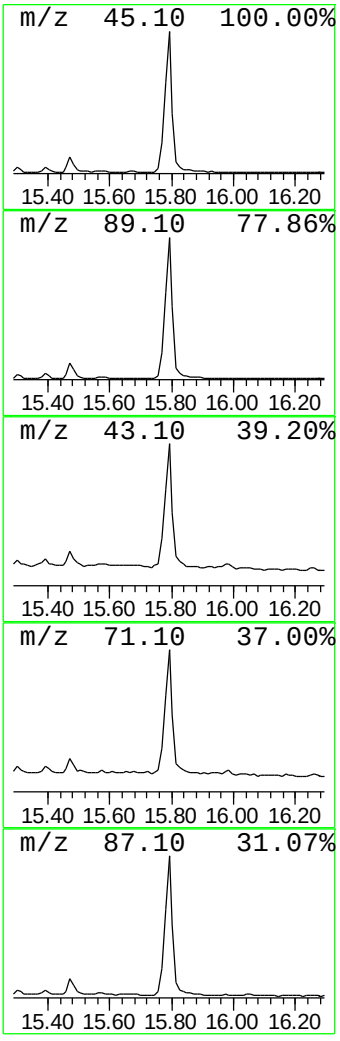
Peak Number 19 1,4,7,10,13,16-Hexaoxanonad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	111.90 ng	1679350	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	78
2	Octaethylene glycol	370	C16H34O9	1000289-34-2	78
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	78
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	78
5	Hexagol	282	C12H26O7	002615-15-8	59





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Sample : G4838-01
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ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

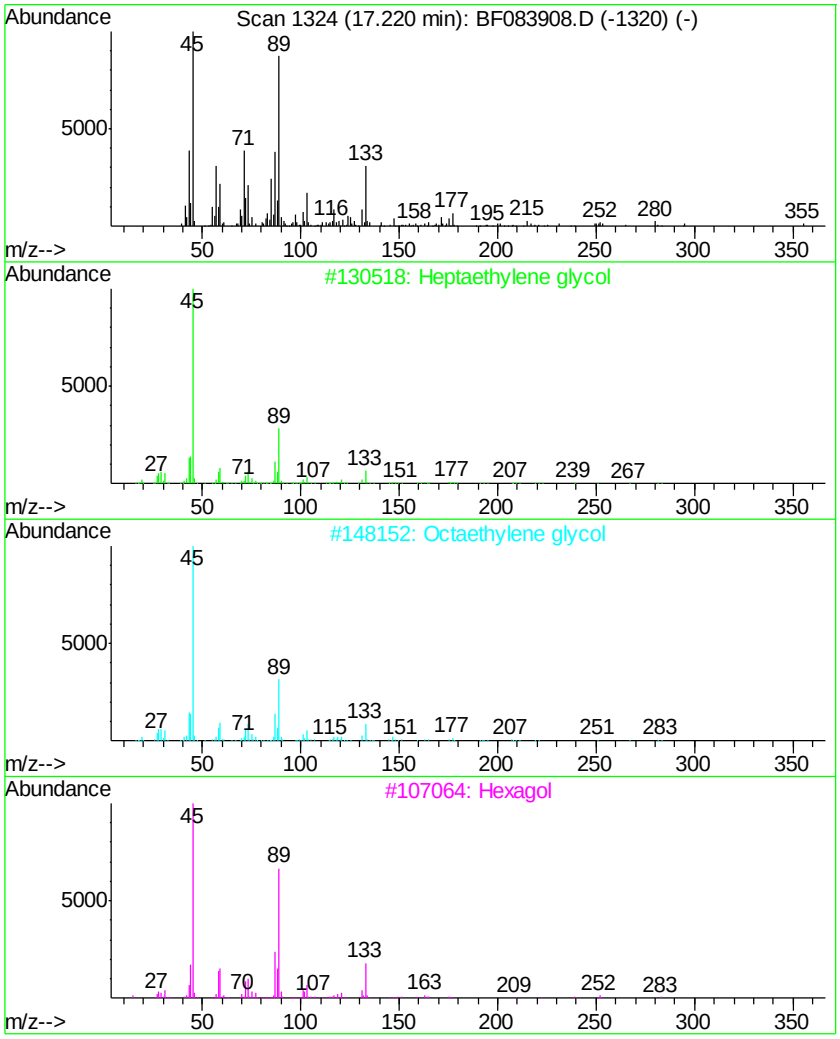
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

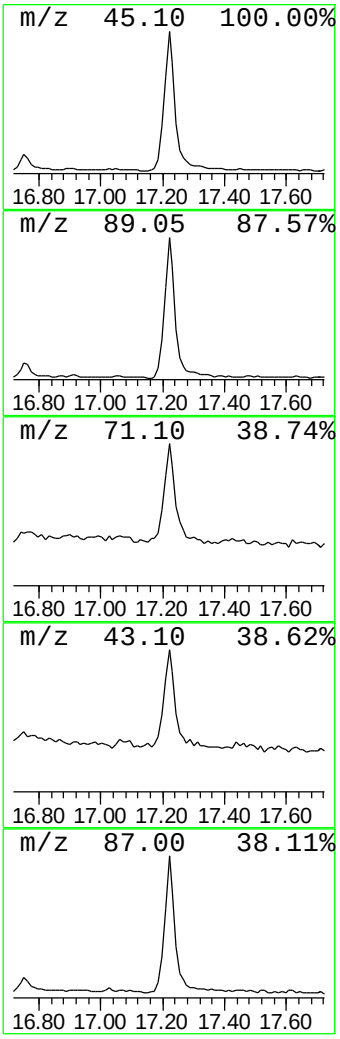
****

Peak Number 20 Heptaethylene glycol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	37.09 ng	556605	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
2	Octaethylene glycol	370	C16H34O9	1000289-34-2	64
3	Hexagol	282	C12H26O7	002615-15-8	58
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	47
5	1,3,4-Trimethoxy-butan-2-ol	164	C7H16O4	033469-04-4	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083908.D
Acq On : 18 Dec 2015 10:23
Operator : UM/SJ
Sample : G4838-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121515-LIQUID-POPH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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
Heptanal	5.80	20.7	ng	301094	1	6.88	290842	20.0
unknown6.66	6.66	93.6	ng	1360910	1	6.88	290842	20.0
Benzene, 1-etheny...	6.72	66.4	ng	966247	1	6.88	290842	20.0
1-Hexanol, 2-ethyl-	6.96	54.0	ng	784810	1	6.88	290842	20.0
unknown7.36	7.36	15.0	ng	218693	1	6.88	290842	20.0
unknown9.15	9.15	56.5	ng	1212900	3	9.92	429711	20.0
Dodecane, 3-methyl-	9.40	35.4	ng	760136	3	9.92	429711	20.0
Naphthalene, 2,3-...	9.58	15.2	ng	327535	3	9.92	429711	20.0
Naphthalene, 1,4-...	9.70	14.6	ng	313593	3	9.92	429711	20.0
Methoxyacetic aci...	10.80	55.5	ng	2067390	4	11.40	744870	20.0
unknown11.87	11.87	14.5	ng	540970	4	11.40	744870	20.0
Pentaethylene gly...	12.00	95.1	ng	3542130	4	11.40	744870	20.0
Ricinoleic acid	13.41	116.1	ng	4040090	5	14.05	696158	20.0
3,6,9,12,15-Penta...	13.97	93.2	ng	3242930	5	14.05	696158	20.0
Octaethylene glycol	14.81	172.3	ng	2586410	6	15.49	300143	20.0
1,4,7,10,13,16-He...	15.79	111.9	ng	1679350	6	15.49	300143	20.0
Heptaethylene glycol	17.22	37.1	ng	556605	6	15.49	300143	20.0