LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

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-BF101015.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	4.994	246	250	253	rBV	728465	1288835	7.08%	0.755%
2	5.371	281	283	286	rBV2	778333	1135589	6.23%	0.666%
3	5.417	286	287	290	rVB	596596	584956	3.21%	0.343%
4	5.646	305	307	309	rVV2	337652	433709	2.38%	0.254%
5	6.160	349	352	354	rVB2	285047	488447	2.68%	0.286%
6	6.251	357	360	361	rBV	204907	310035	1.70%	0.182%
7	6.309	361	365	366	rBV4	203104	301013	1.65%	0.176%
8	6.343	366	368	369	rBV	471279	448989	2.46%	0.263%
9	6.400	372	373	377	rBV2	240742	405308	2.23%	0.238%
10	6.491	377	381	385	rBV2	1604288	3131028	17.19%	1.835%
11	6.594	388	390	393	rVB	1148539	1195369	6.56%	0.701%
12	6.651	393	395	398	rBV4	770080	1255764	6.89%	0.736%
13	6.720	398	401	403	rBV2	205274	413040	2.27%	0.242%
14	6.834	408	411	413	rVV2	1013657	1383353	7.59%	0.811%
15	6.903	413	417	419	rVV	1094268	1888124	10.37%	1.107%
16	6.949	419	421	422	rVV	747579	1052188	5.78%	0.617%
17	6.983	422	424	427	rVB2	1582082	1924344	10.56%	1.128%
18	7.097	431	434	436	rVV	1017641	1455562	7.99%	0.853%
19	7.132	436	437	438	rVV	423992	370879	2.04%	0.217%
20	7.166	438	440	443	rVV2	953785	1207276	6.63%	0.708%
21	7.212	443	444	446	rVV2	694169	1014615	5.57%	0.595%
22	7.246	446	447	451	rVV3	1281223	1548452	8.50%	0.908%
23	7.372	454	458	459	rVV4	378479	917260	5.04%	0.538%
24	7.394	459	460	462	rVV2	791394	1368839	7.52%	0.802%
25	7.429	462	463	465	rVV	1916684	1467055	8.05%	0.860%
26	7.474	465	467	469	rVV2	500916	703086	3.86%	0.412%
27	7.532	469	472	475	rVV2	332123	899663	4.94%	0.527%
28	7.612	477	479	485	rVB2	392857	988253	5.43%	0.579%
29	7.726	485	489	493	rBV6	252413	865821	4.75%	0.507%
30	7.863	496	501	504	rVB4	320955	892268	4.90%	0.523%
31	8.046	513	517	520	rVV4	176985	469827	2.58%	0.275%
32	8.114	520	523	526	rVV2	640057	1151099	6.32%	0.675%
33	8.309	529	540	542	rBV	3502829	18214612	100.00%	10.676%
34	8.354	542	544	546	rVV2	3400597	4886513	26.83%	2.864%

LSC Area Percent Report

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Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.629	565	568	571	rBV2	218045	318749	1.75%	0.187%
36	8.926	590	594	596	rBV	1693855	2905516	15.95%	1.703%
37	9.029	599	603	605	rVV	1378069	1343496	7.38%	0.787%
38	9.097	605	609	610	rVV2	205525	421728	2.32%	0.247%
39	9.200	614	618	620	rVV	2094328	2162915	11.87%	1.268%
40	9.680	657	660	663	rVV	1358665	1544189	8.48%	0.905%
41	9.806	668	671	673	rVB	335619	392022	2.15%	0.230%
42	9.852	673	675	676	rBV	542265	865033	4.75%	0.507%
43	9.875	676	677	680	rVB	909898	731575	4.02%	0.429%
44	10.103	694	697	701	rBV2	363793	651800	3.58%	0.382%
45	10.686	745	748	751	rBV3	983071	1305329	7.17%	0.765%
46	10.778	754	756	760	rVB2	455977	567857	3.12%	0.333%
47	10.983	771	774	778	rBV	3937567	4707145	25.84%	2.759%
48	11.189	787	792	794	rBV	554285	960006	5.27%	0.563%
49	11.223	794	795	799	rBV	370720	742488	4.08%	0.435%
50	11.315	802	803	805	rVB2	257608	327471	1.80%	0.192%
51	11.372	805	808	810	rBV	721386	907147	4.98%	0.532%
52	11.589	825	827	831	rBV3	1177465	1767903	9.71%	1.036%
53	11.658	831	833	835	rBV2	1173704	975009	5.35%	0.571%
54	11.715	837	838	840	rBV	384312	429445	2.36%	0.252%
55	11.761	840	842	845	rVB3	274391	350783	1.93%	0.206%
56	11.841	845	849	852	rBV2	403365	1002003	5.50%	0.587%
57	11.943	852	858	860	rBV	2618681	4967902	27.27%	2.912%
58	12.012	862	864	865	rBV	400419	503375	2.76%	0.295%
59	12.069	868	869	871	rBV	699240	808891	4.44%	0.474%
60	12.149	873	876	881	rBV2	3437777	6254977	34.34%	3.666%
61	12.218	881	882	885	rBV2	607476	875751	4.81%	0.513%
62	12.355	892	894	897	rVV2	465693	772105	4.24%	0.453%
63	12.423	897	900	902	rVB2	688470	888080	4.88%	0.521%
64	12.458	902	903	905	rVB	515047	645786	3.55%	0.379%
65	12.492	905	906	908	rBV	379263	496853	2.73%	0.291%
66	12.629	915	918	921	rBV4	1277098	2020058	11.09%	1.184%
67	12.675	921	922	923	rBV	303486	368150	2.02%	0.216%
68	12.709	923	925	927	rVV2	546314	598234	3.28%	0.351%
69	12.789	930	932	933	rBV	1142321	1105639	6.07%	0.648%
70	12.846	935	937	942	rVV3	1000368	1601046	8.79%	0.938%
71	12.926	942	944	946	rVB	1048830	1456272	8.00%	0.854%

LSC Area Percent Report

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Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.972	946	948	952	rBV	1530955	2078359	11.41%	1.218%
73	13.201	965	968	971	rBV2	2380699	4254362	23.36%	2.494%
74	13.372	982	983	986	rBV2	723692	925941	5.08%	0.543%
75	13.441	987	989	991	rVV2	616537	915202	5.02%	0.536%
76	13.532	995	997	998	rVV	1122100	1246909	6.85%	0.731%
77	13.578	998	1001	1005	rVB3	1015428	1480112	8.13%	0.868%
78	13.886	1026	1028	1030	rBV	391201	676469	3.71%	0.397%
79	13.932	1030	1032	1039	rVB2	808531	1662936	9.13%	0.975%
80	14.104	1042	1047	1050	rVB	5248110	12361345	67.86%	7.245%
81	14.195	1051	1055	1059	rBV2	2881776	5596596	30.73%	3.280%
82	14.252	1059	1060	1062	rBV2	683009	802198	4.40%	0.470%
83	14.389	1070	1072	1077	rVB3	887906	1595197	8.76%	0.935%
84	14.538	1083	1085	1088	rVB	462164	658452	3.61%	0.386%
85	14.629	1091	1093	1096	rVV3	475063	1167139	6.41%	0.684%
86	14.744	1100	1103	1105	rVV2	1573327	2040095	11.20%	1.196%
87	14.789	1105	1107	1109	rVB	1226552	1322596	7.26%	0.775%
88	15.155	1134	1139	1140	rBV	2466957	4941942	27.13%	2.897%
89	15.178	1140	1141	1144	rVV2	723592	933319	5.12%	0.547%
90	15.235	1144	1146	1152	rVB	365466	541016	2.97%	0.317%
91	15.327	1152	1154	1160	rVB2	394172	631221	3.47%	0.370%
92	15.487	1165	1168	1171	rVB	792122	1530910	8.40%	0.897%
93	16.150	1223	1226	1229	rBV	856341	1647693	9.05%	0.966%
94	16.252	1229	1235	1239	rVV	1997833	5670178	31.13%	3.324%
95	16.321	1239	1241	1246	rVB	574654	1092769	6.00%	0.641%
96	16.778	1278	1281	1287	rVB2	320936	807050	4.43%	0.473%
97	17.841	1368	1374	1386	rVB	1222447	4836771	26.55%	2.835%
98	19.453	1510	1515	1529	rVB	281784	1244701	6.83%	0.730%
99	20.310	1582	1590	1603	rVB	437458	2389098	13.12%	1.400%
100	20.939	1640	1645	1653	rVB2	174421	753576	4.14%	0.442%

Sum of corrected areas: 170608051

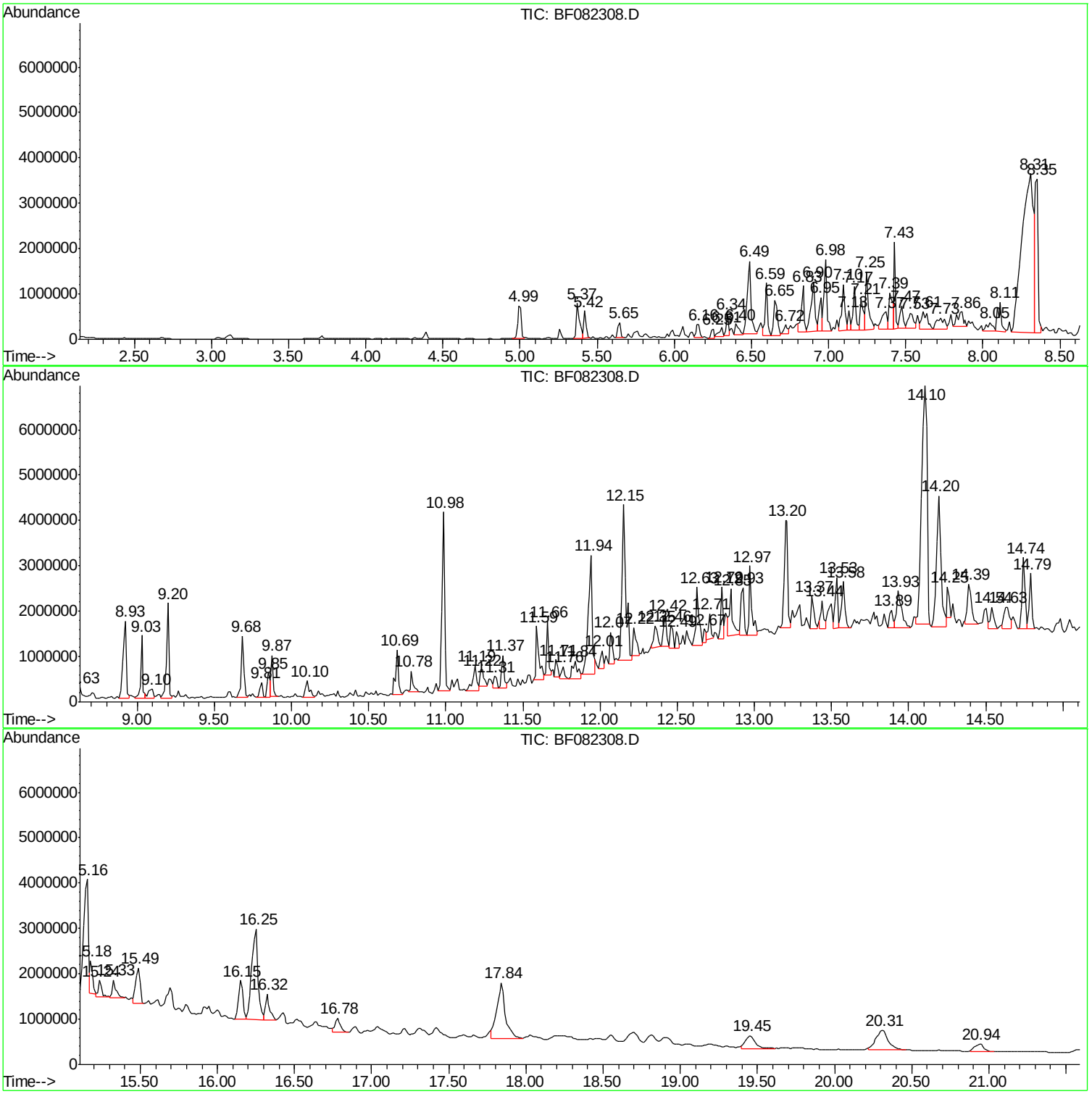
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

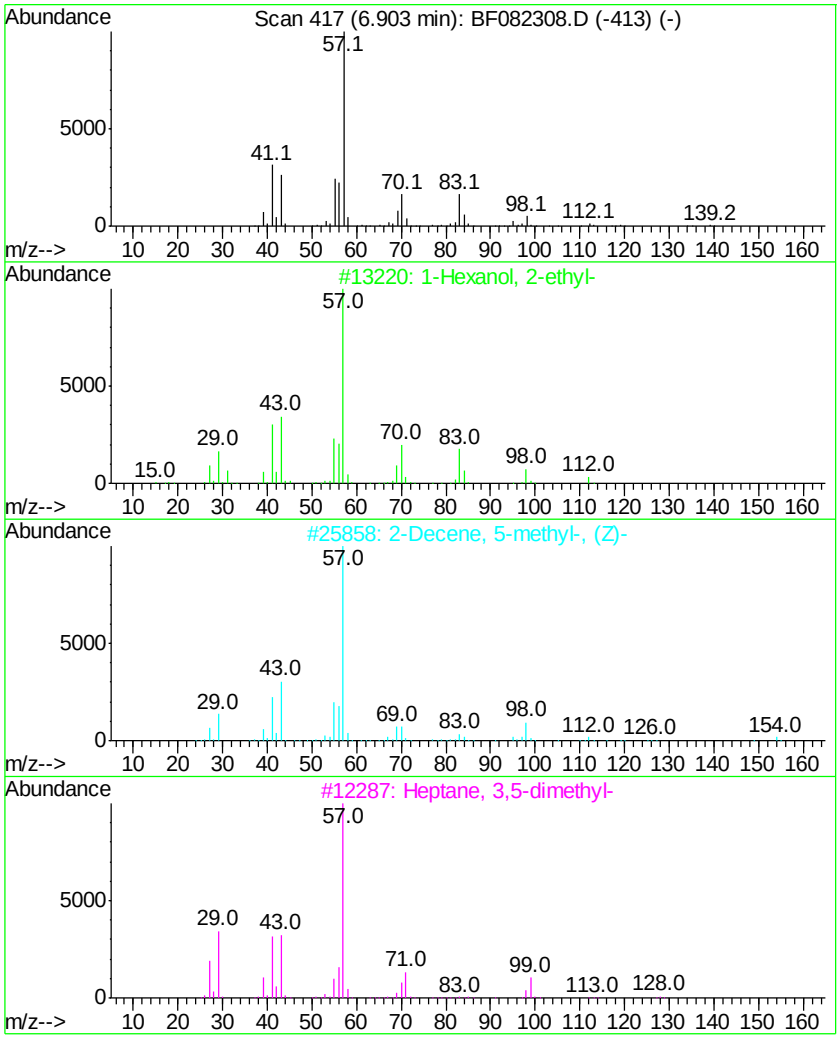
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

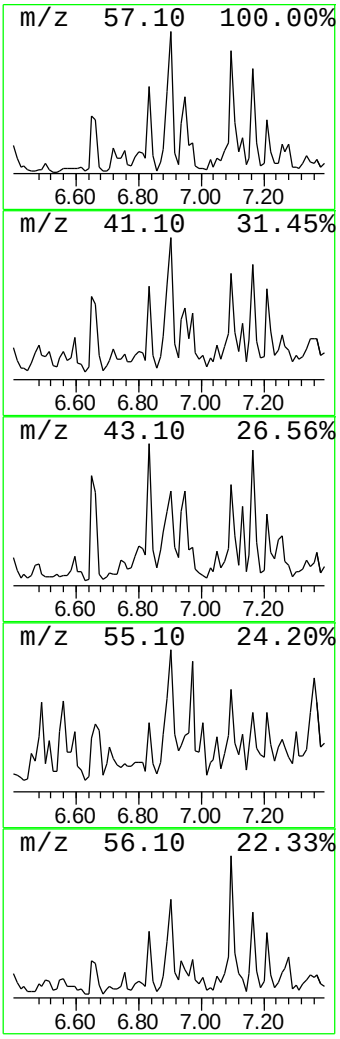
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	27.30 ng	1888120	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	50
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	43
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

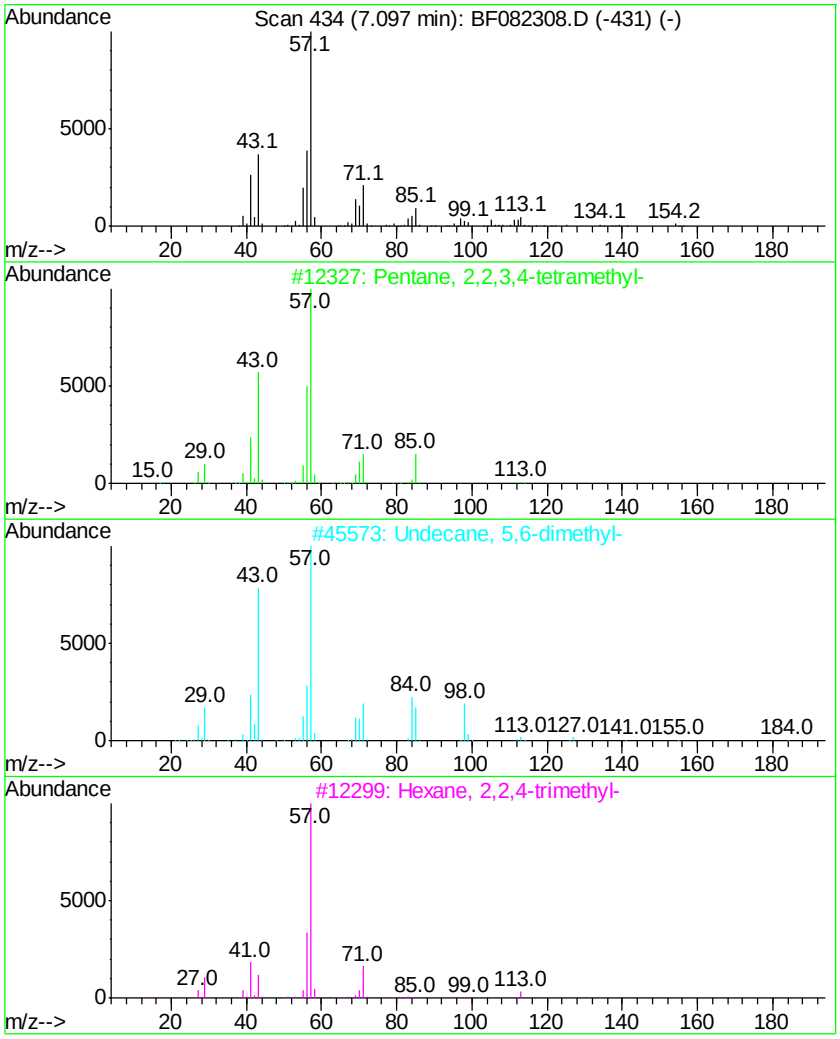
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

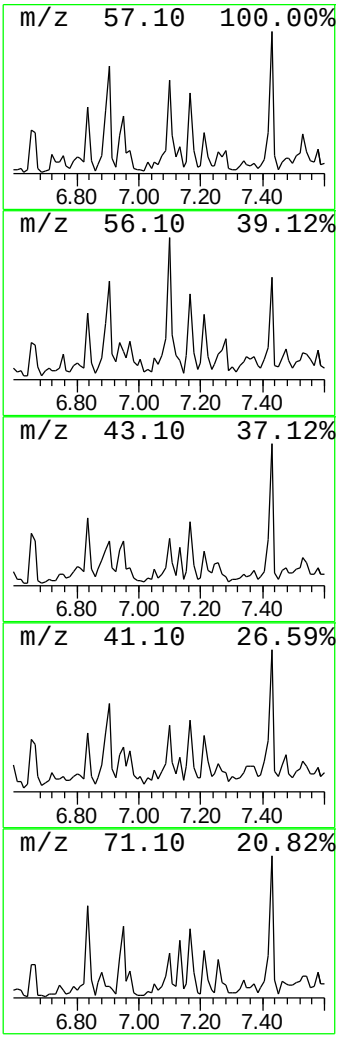
****

Peak Number 3 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	21.04 ng	1455560	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
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	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

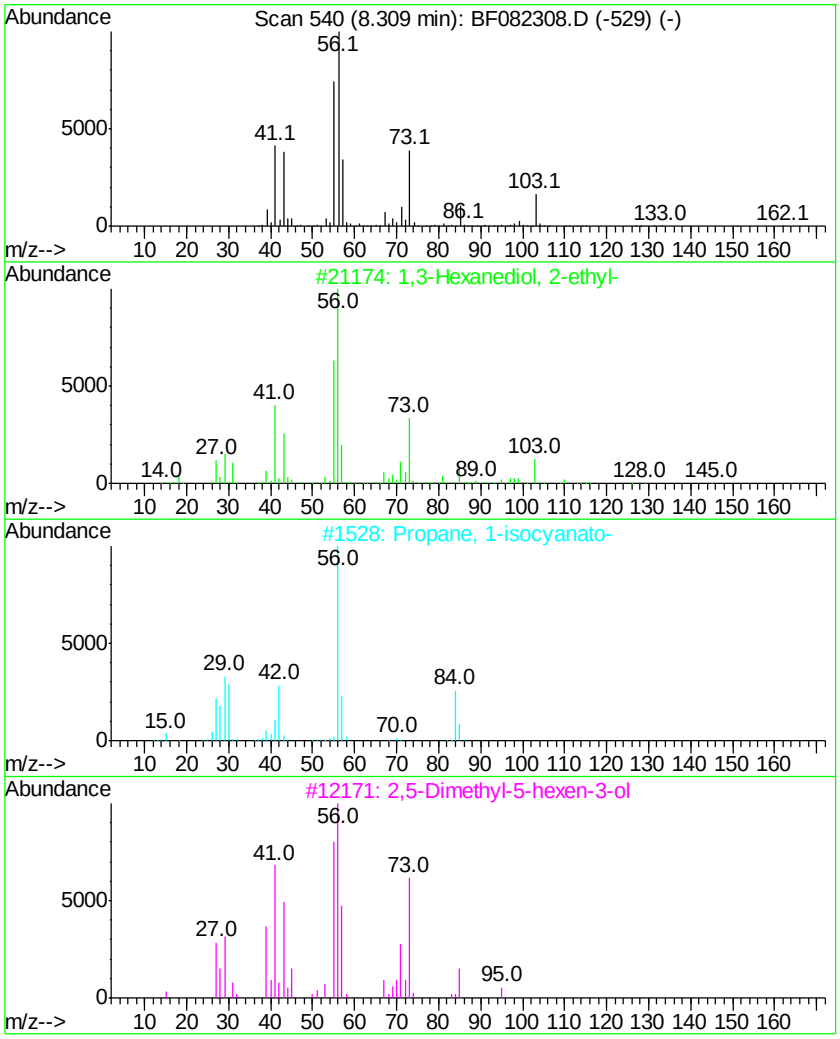
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

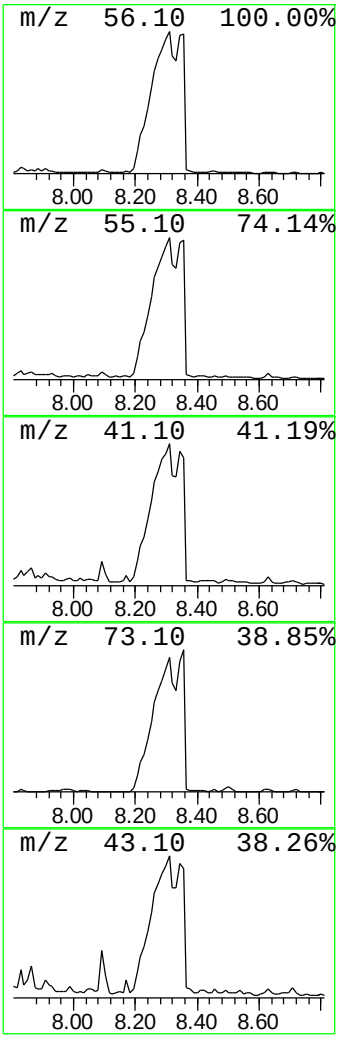
****

Peak Number 4 1,3-Hexanediol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	316.47 ng	18214600	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	74
2	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47
3	2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	45
4	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	39
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

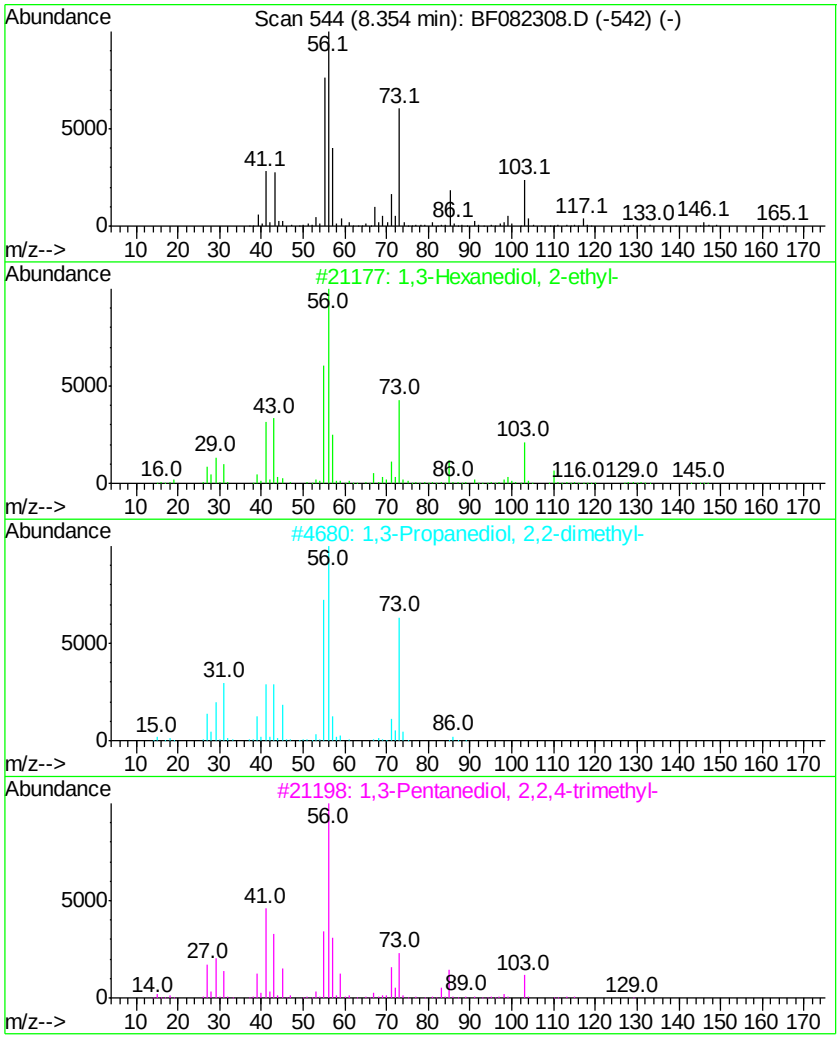
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

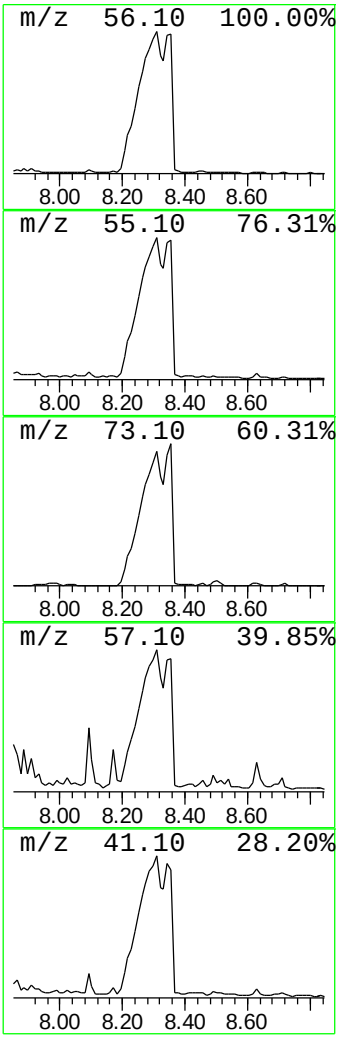
****

Peak Number 5 1,3-Propanediol, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	84.90 ng	4886510	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	83
2	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	53
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	39
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	37
5	1,3-Dimethyl-3-n-butyldiaziridine	128	C7H16N2	1000283-16-9	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

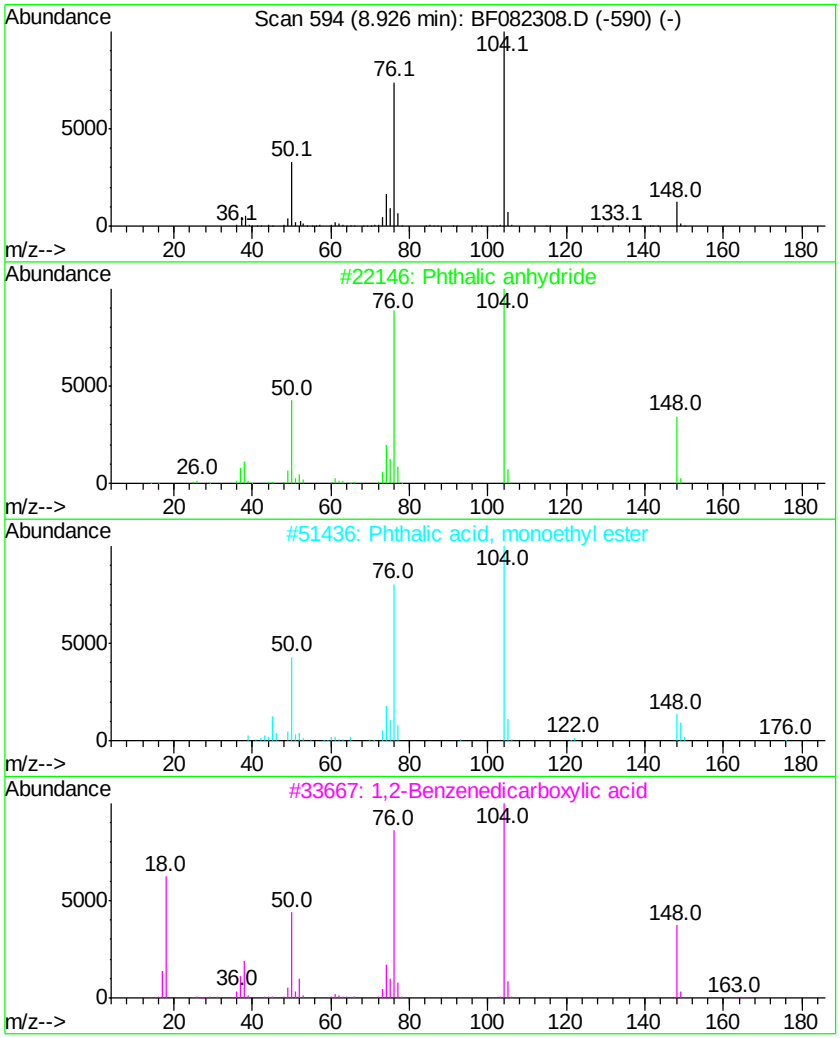
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

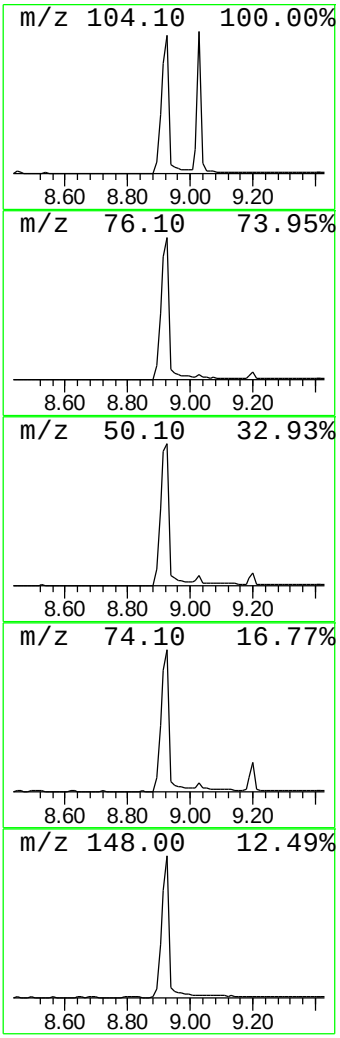
****

Peak Number 6 Phthalic anhydride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	50.48 ng	2905520	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
5	Phthalamic acid	165	C8H7NO3	000088-97-1	74





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Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
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Instrument : BNA_F
ClientSampleId : LF-9

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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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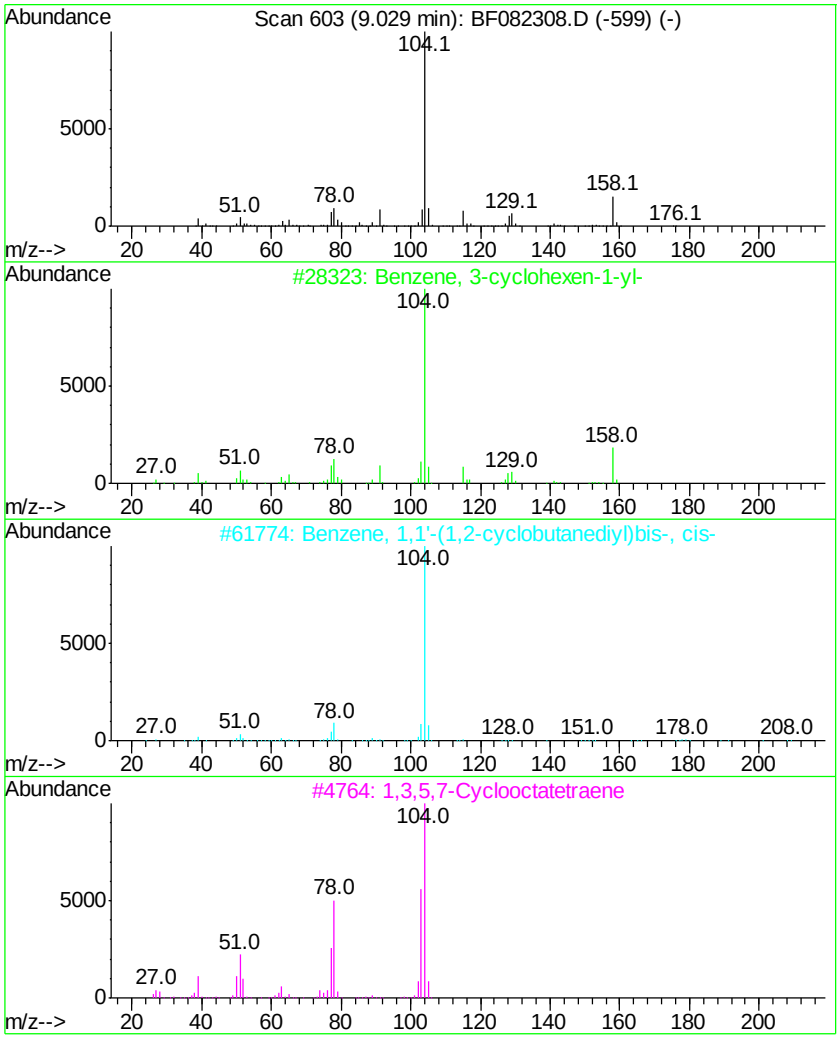
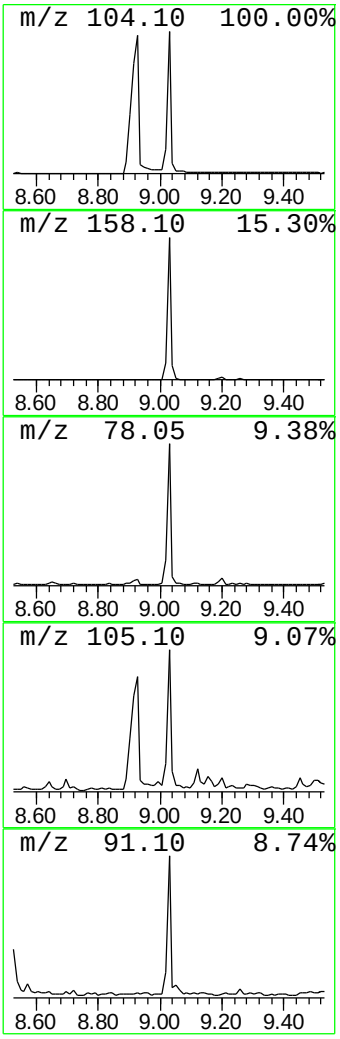
Peak Number 7 Benzene, 3-cyclohexen-1-yl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	36.73 ng	1343500	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	95
2	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	64
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	59
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	59
5	2-Furancarboxylic acid, 2-phenyl...	216	C13H12O3	007149-32-8	53





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ClientSampleId : LF-9

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TIC Library : C:\DATABASE\NIST02.L
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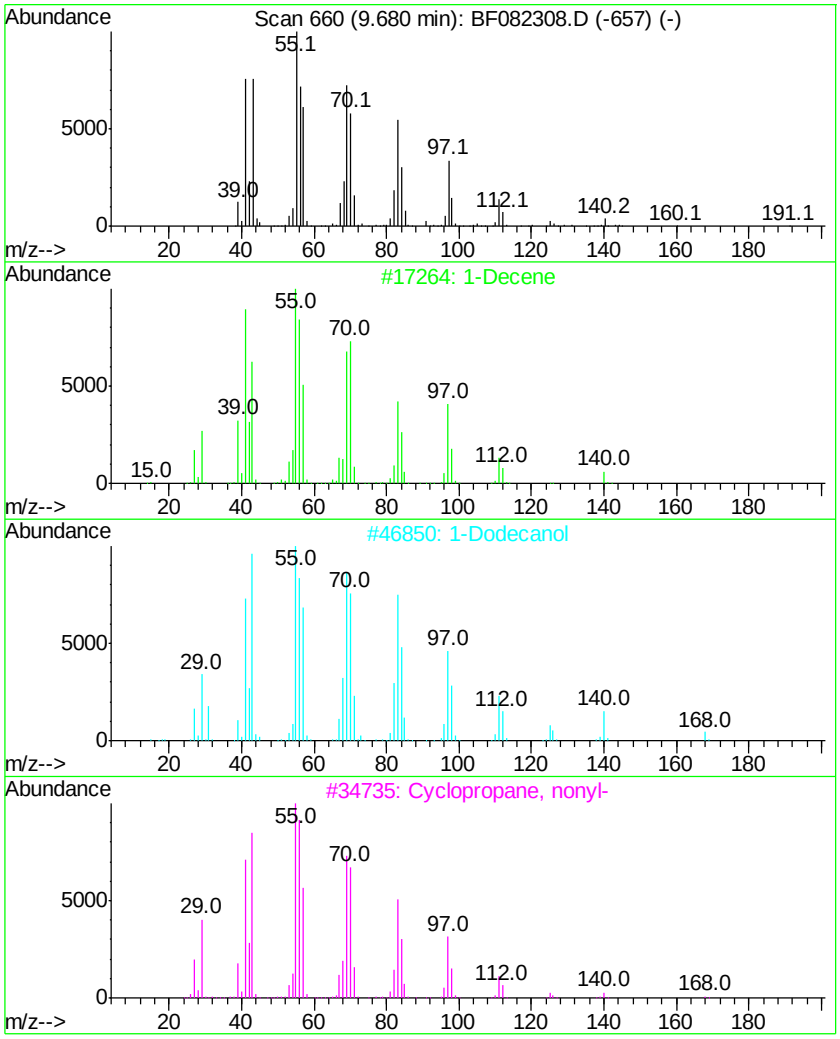
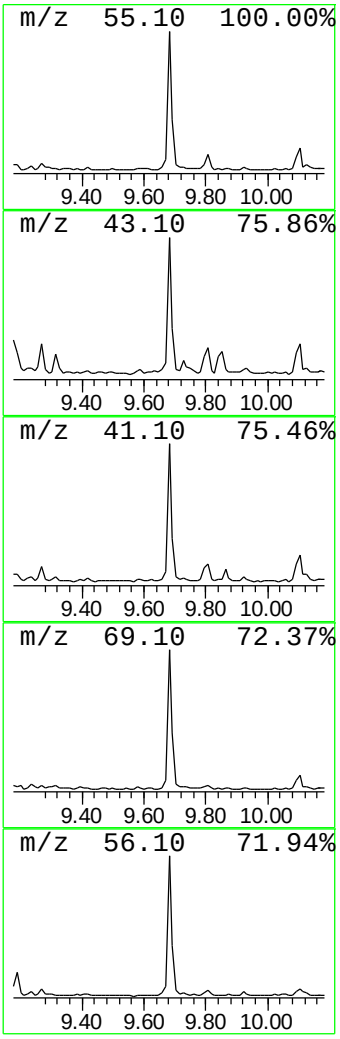
Peak Number 8 1-Decene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	42.22 ng	1544190	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	95
2	1-Dodecanol	186	C12H26O	000112-53-8	91
3	Cyclopropane, nonyl-	168	C12H24	074663-85-7	91
4	Cyclodecane	140	C10H20	000293-96-9	91
5	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	90





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Sample : G4015-14
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Instrument : BNA_F
ClientSampleId : LF-9

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

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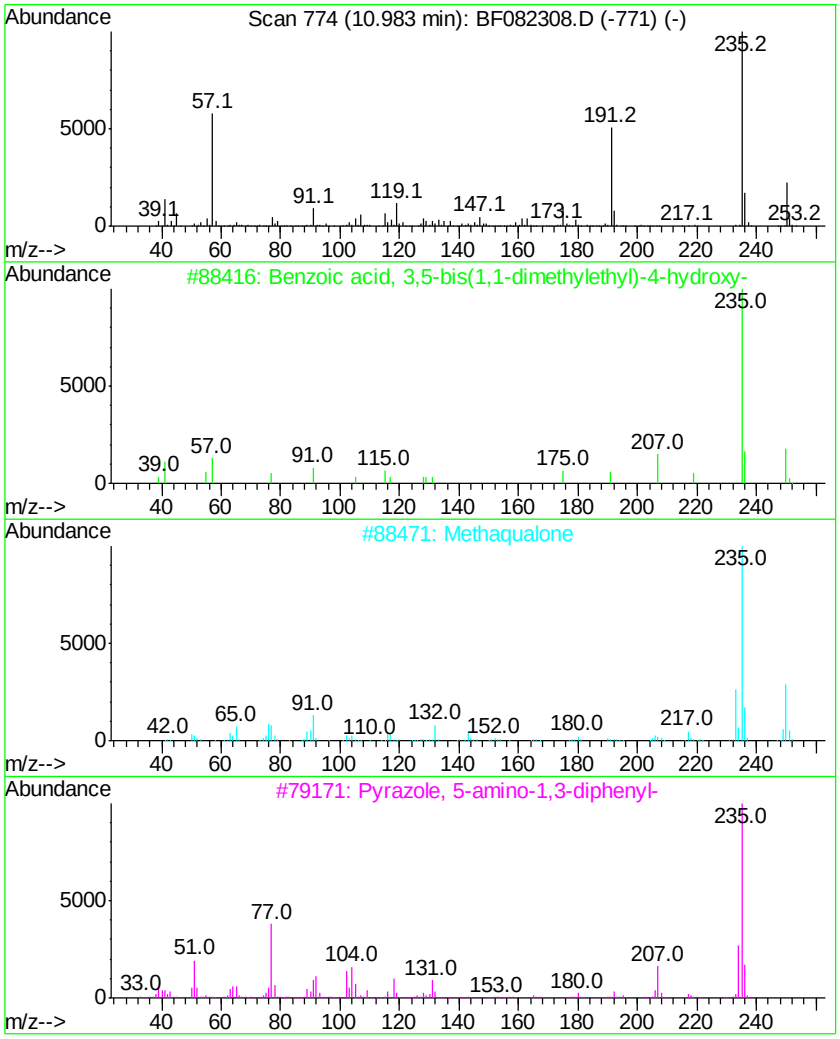
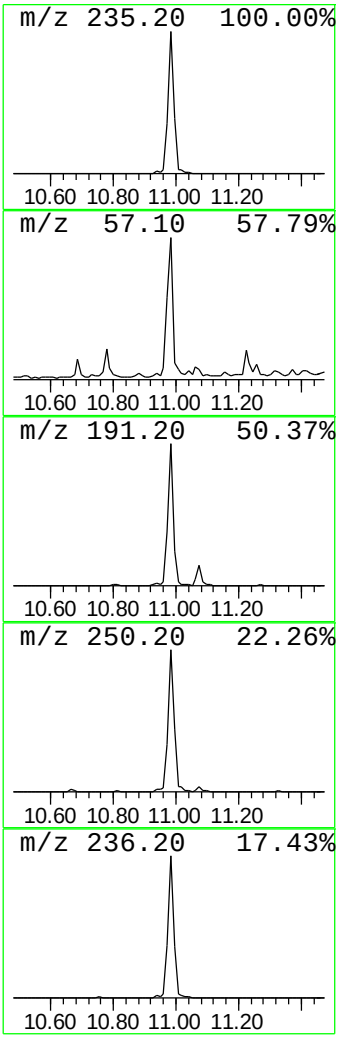
Peak Number 9 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	103.78 ng	4707150	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	62
2	Methaqualone	250	C16H14N2O	000072-44-6	47
3	Pyrazole, 5-amino-1,3-diphenyl-	235	C15H13N3	005356-71-8	43
4	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	43
5	[1]Benzothieno[2,3-b]quinoline	235	C15H9NS	000243-47-0	38





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Sample : G4015-14
Misc :
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ClientSampleId : LF-9

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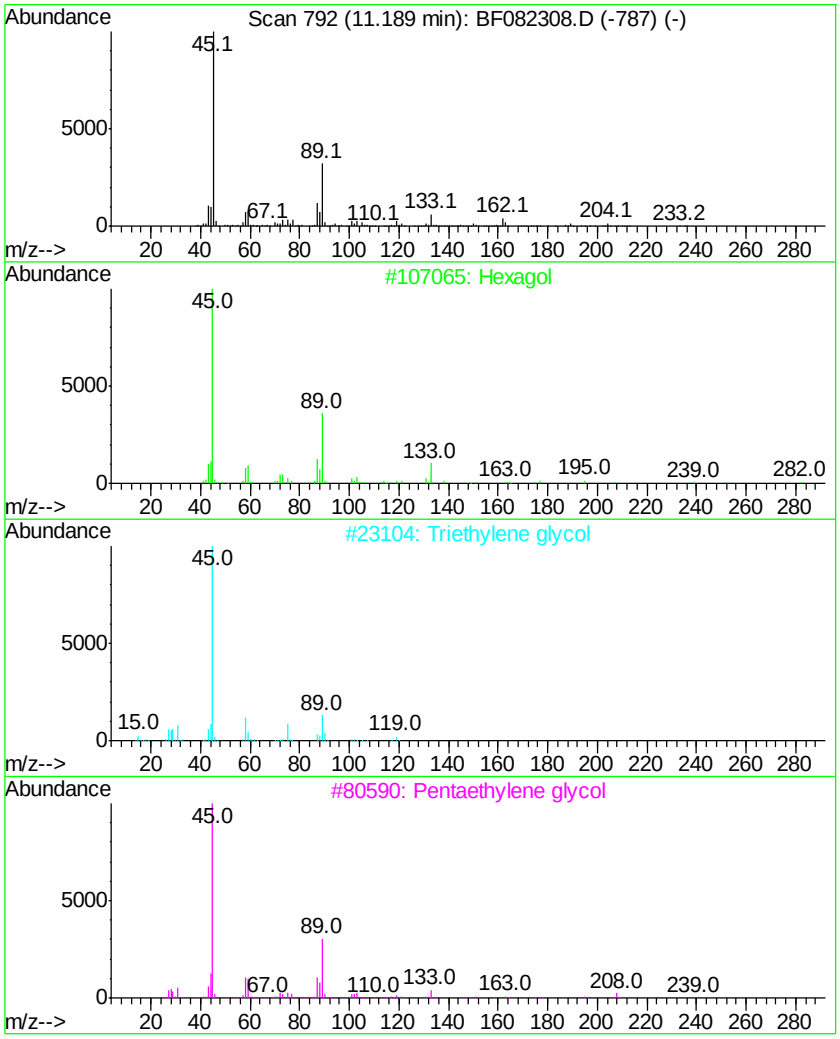
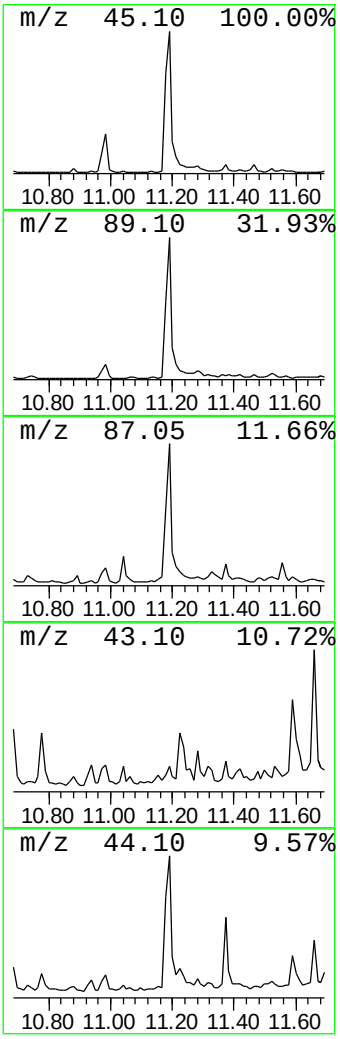
Peak Number 10 Hexagol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	21.17 ng	960006	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	83
2	Triethylene glycol	150	C6H14O4	000112-27-6	78
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	74
4	Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	64
5	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	56





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ClientSampleId : LF-9

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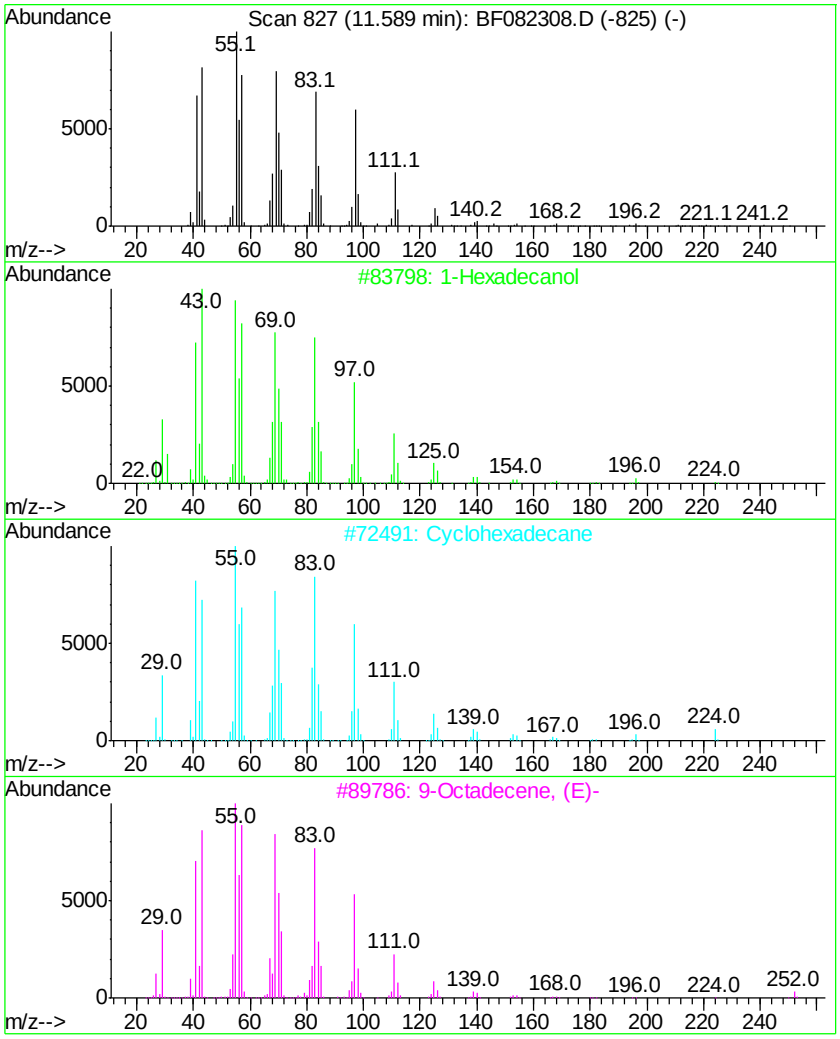
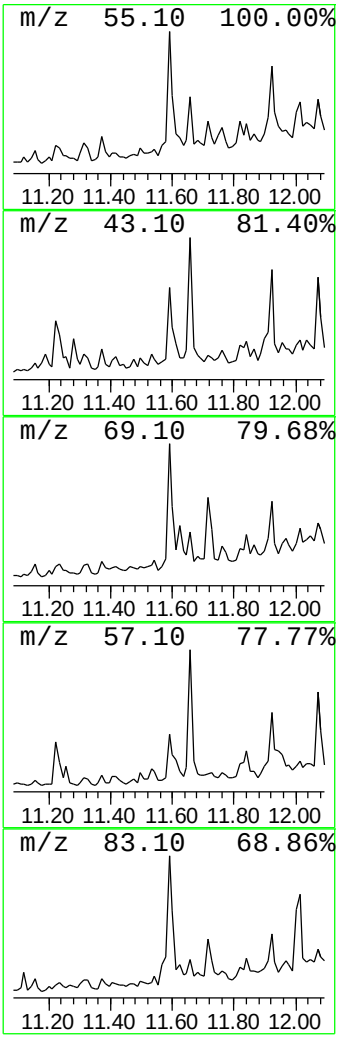
Peak Number 11 1-Hexadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	38.98 ng	1767900	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91





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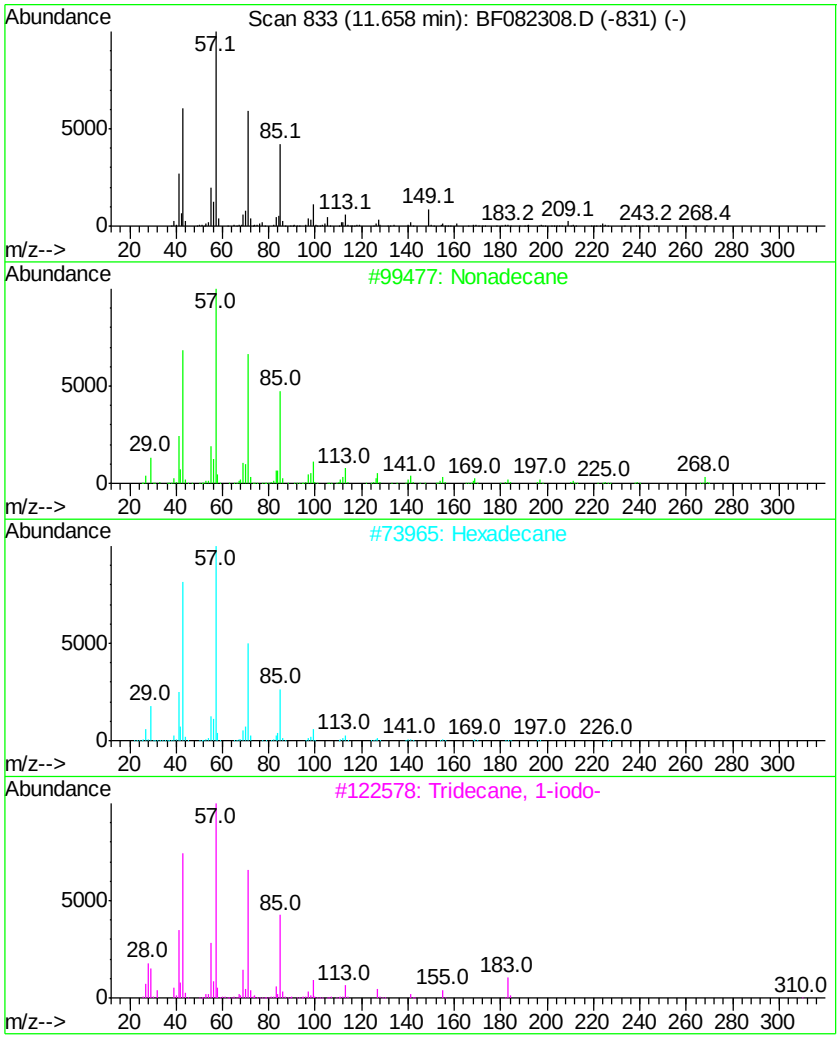
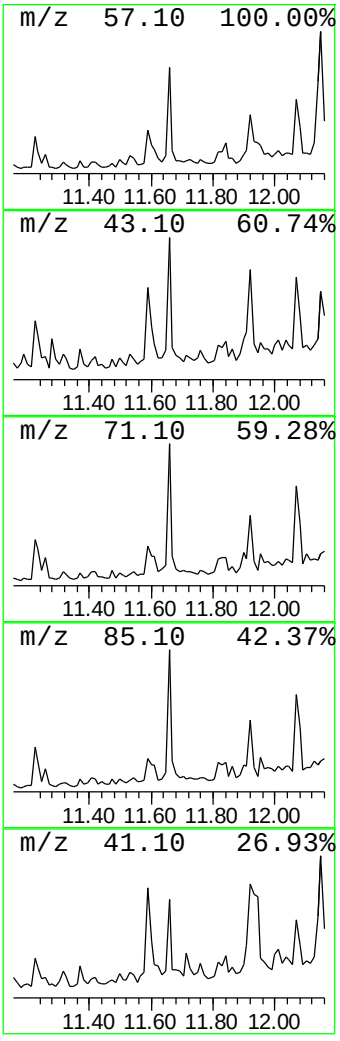
Peak Number 12 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	21.50 ng	975009	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Octadecane	254	C18H38	000593-45-3	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72





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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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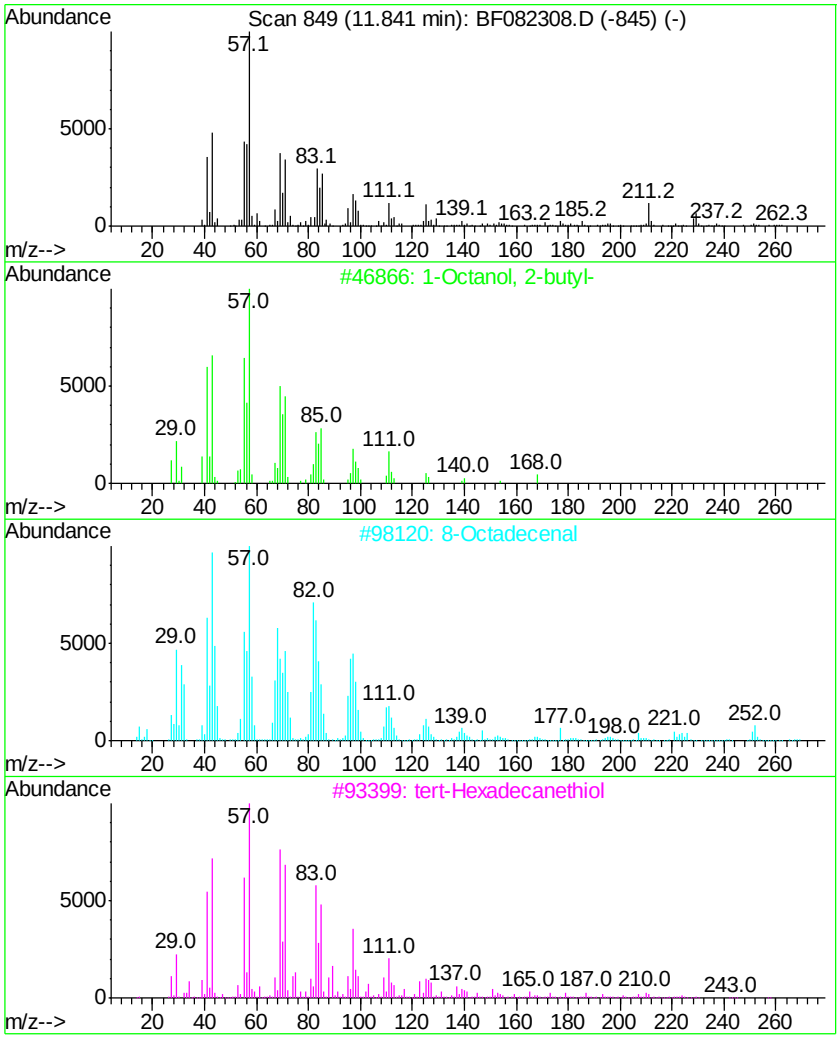
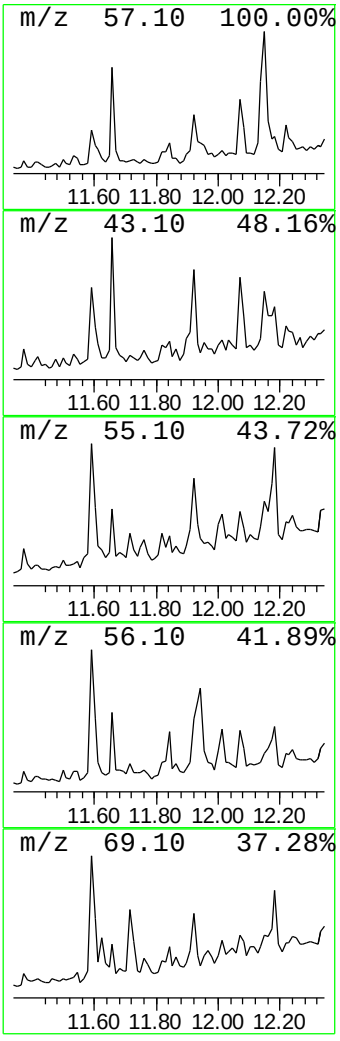
Peak Number 13 1-Octanol, 2-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	22.09 ng	1002000	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
2	8-Octadecenal	266	C18H34O	056554-94-0	58
3	tert-Hexadecanethiol	258	C16H34S	025360-09-2	47
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	27





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Sample : G4015-14
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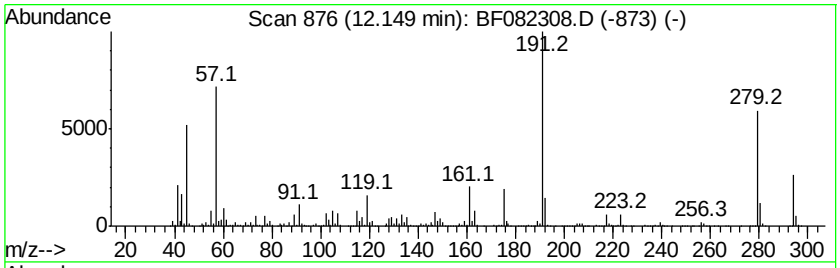
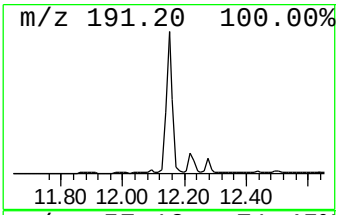
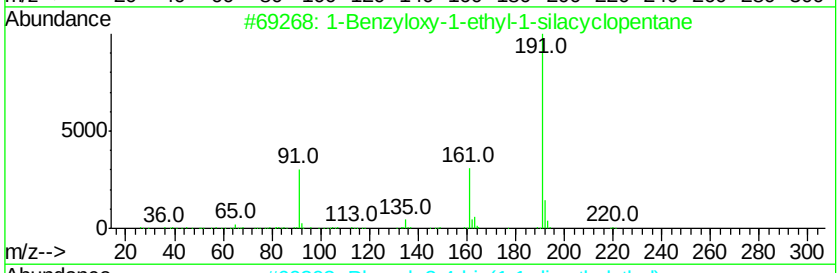
Peak Number 14 unknown12.15 Concentration Rank 2

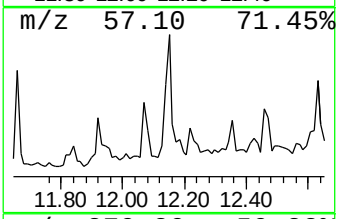
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	137.90 ng	6254980	Phenanthrene-d10	11.37

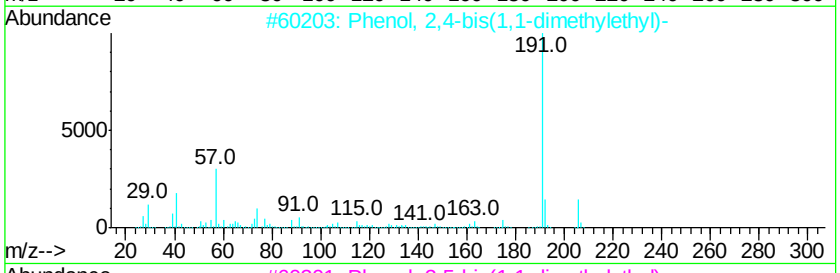
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzyloxy-1-ethyl-1-silacyclop...	220	C13H20OSi	1000282-46-8	35
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	27
3	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	27
4	1,2,4-Thiadiazol-5-amine, 3-(phe...	191	C9H9N3S	017467-27-5	22
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	22

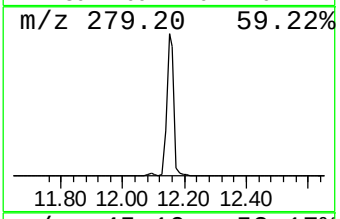


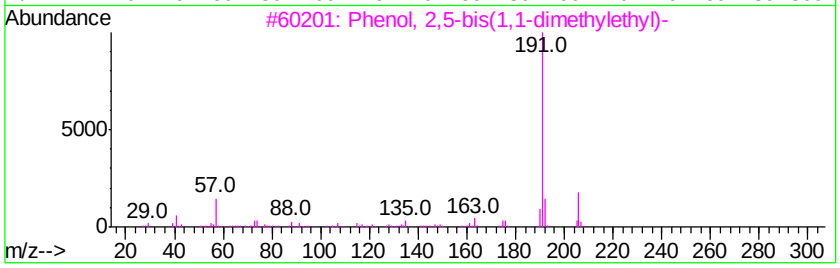


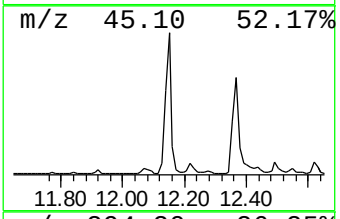


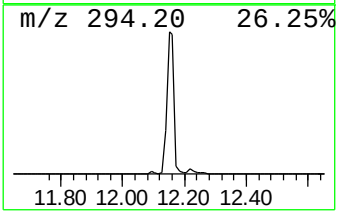












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Misc :
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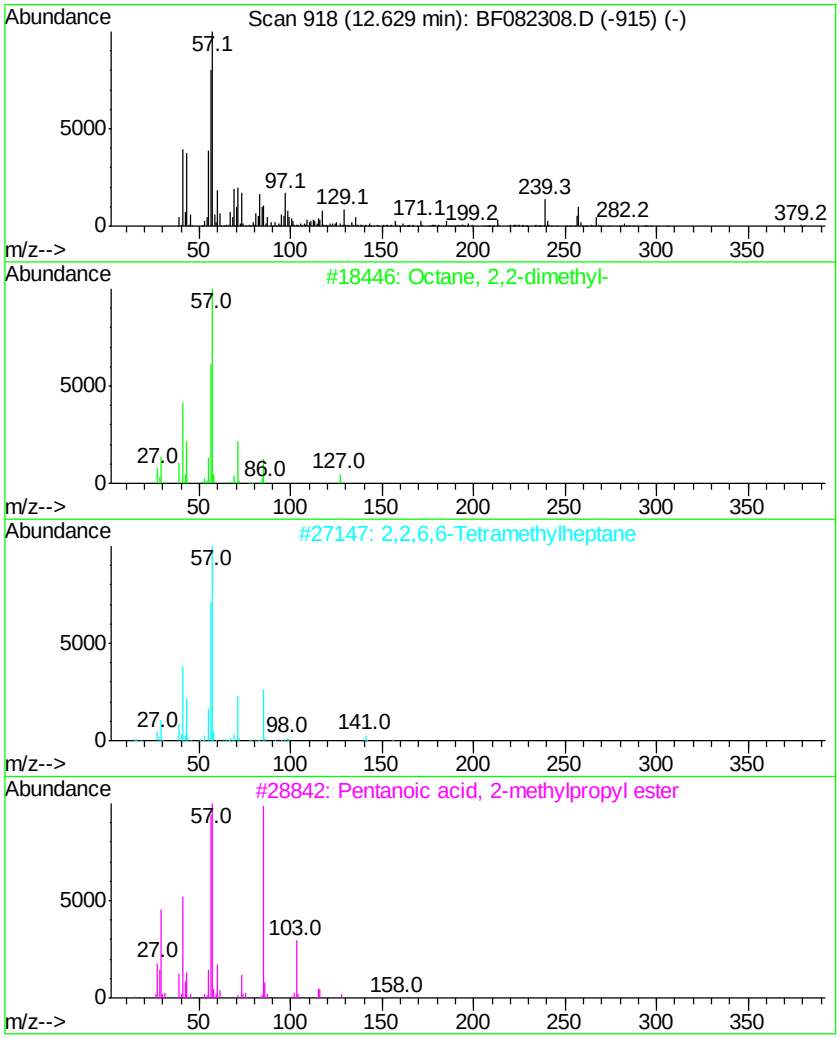
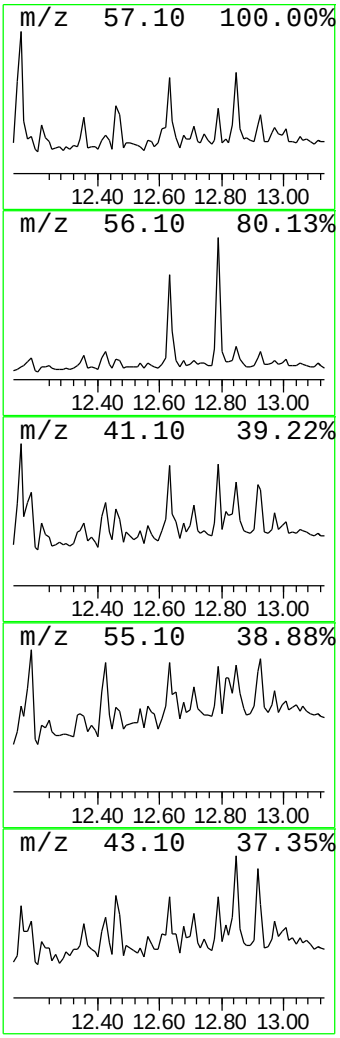
Peak Number 15 Octane, 2,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	44.54 ng	2020060	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
2	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	50
3	Pentanoic acid, 2-methylpropyl e...	158	C9H18O2	010588-10-0	49
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	47
5	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	46





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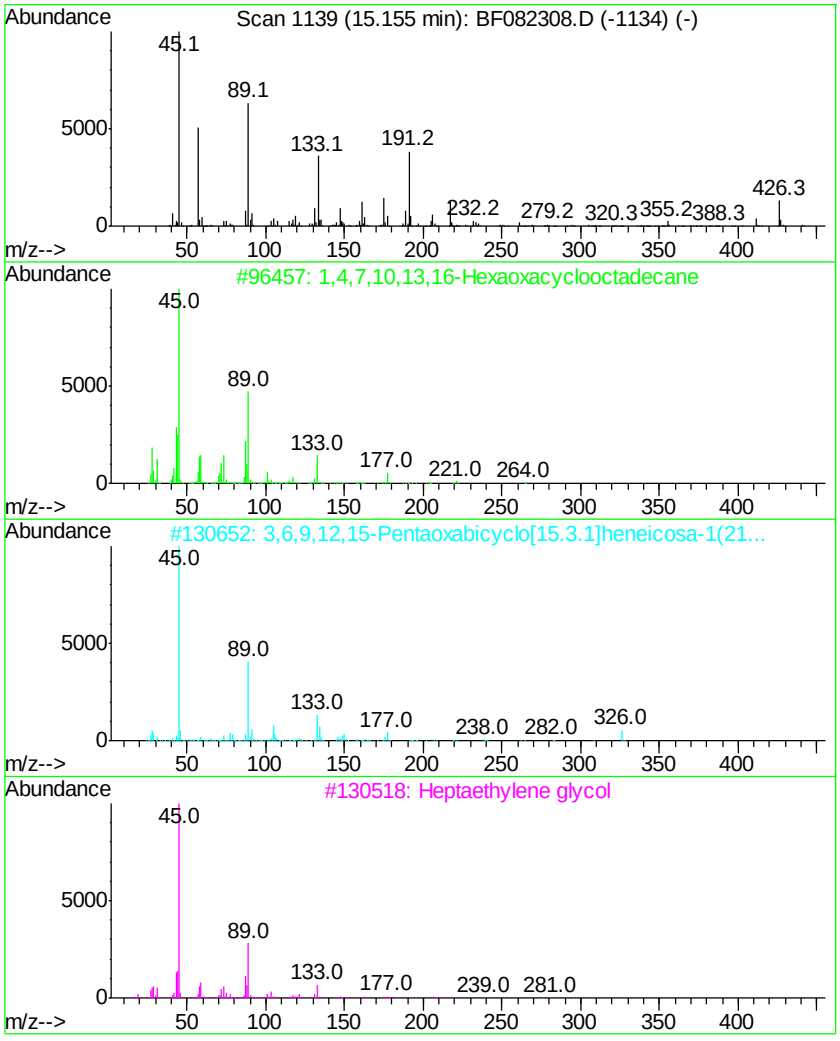
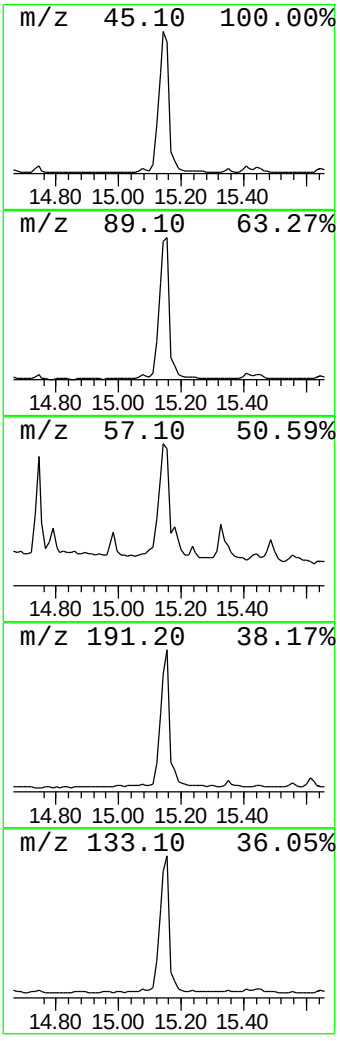
Peak Number 16 unknown15.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	64.56 ng	4941940	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	38
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	38
4	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	38
5	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	37





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TIC Integration Parameters: LSCINT.P

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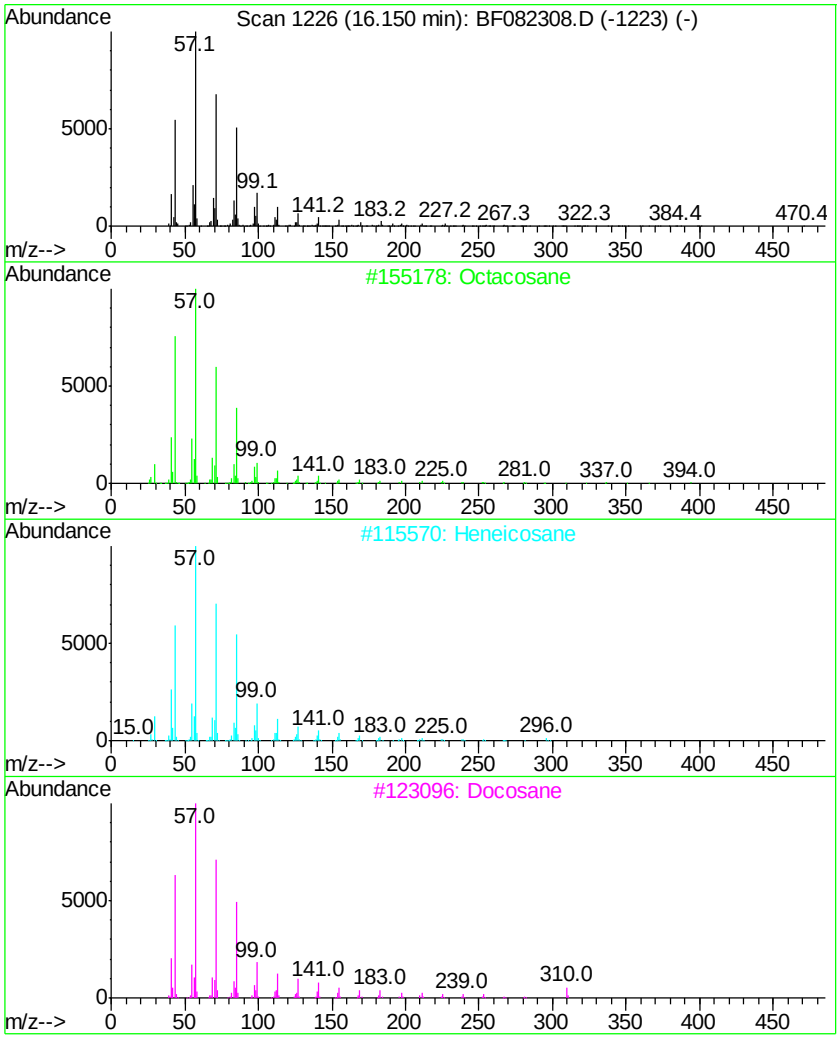
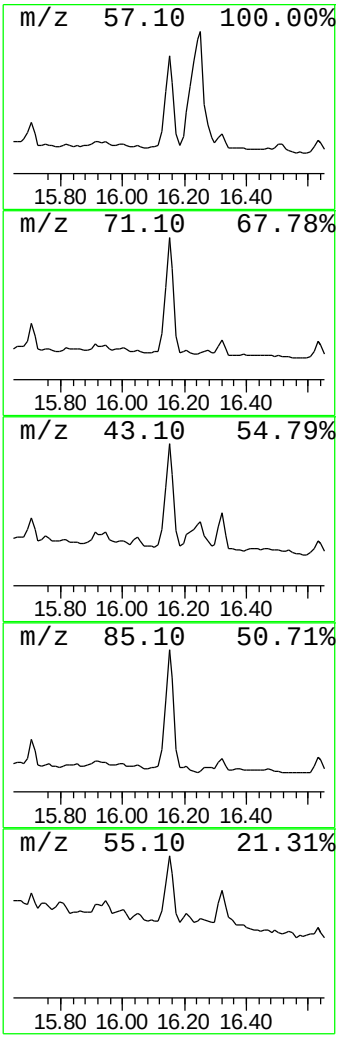
Peak Number 17 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	21.53 ng	1647690	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane	310	C22H46	000629-97-0	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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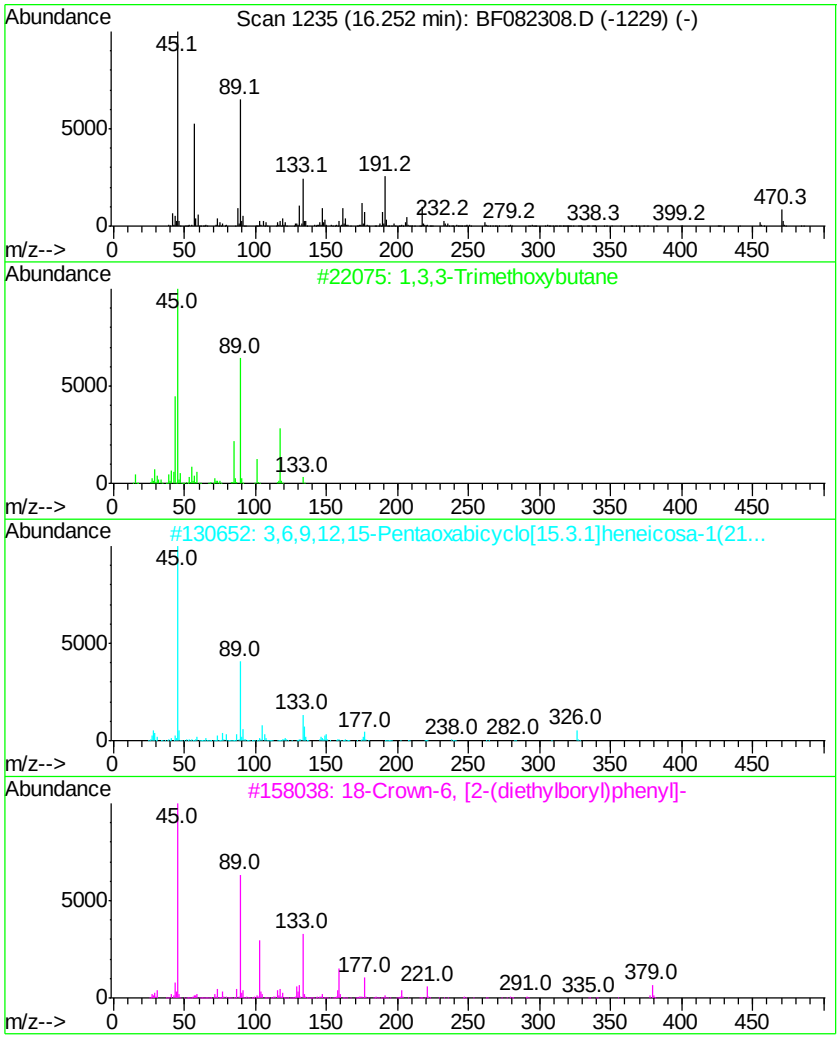
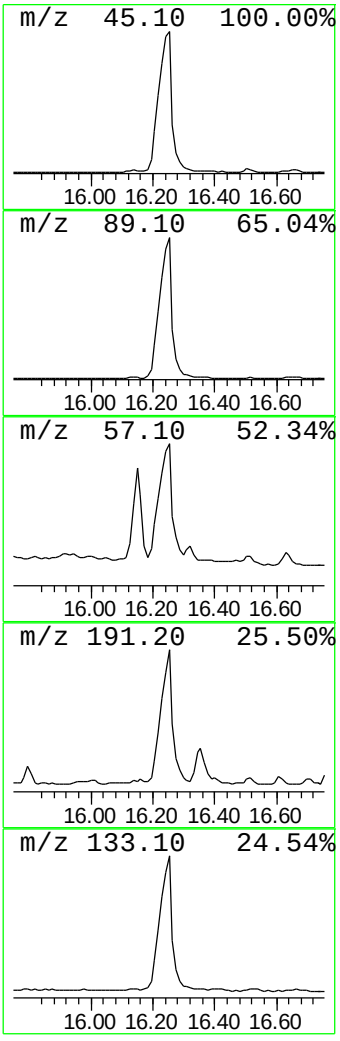
Peak Number 18 unknown16.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	74.08 ng	5670180	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	40
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	40
3	18-Crown-6, [2-(diethylboryl)phe...	408	C22H37BO6	1000161-99-8	40
4	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	38
5	Hexagol	282	C12H26O7	002615-15-8	36





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Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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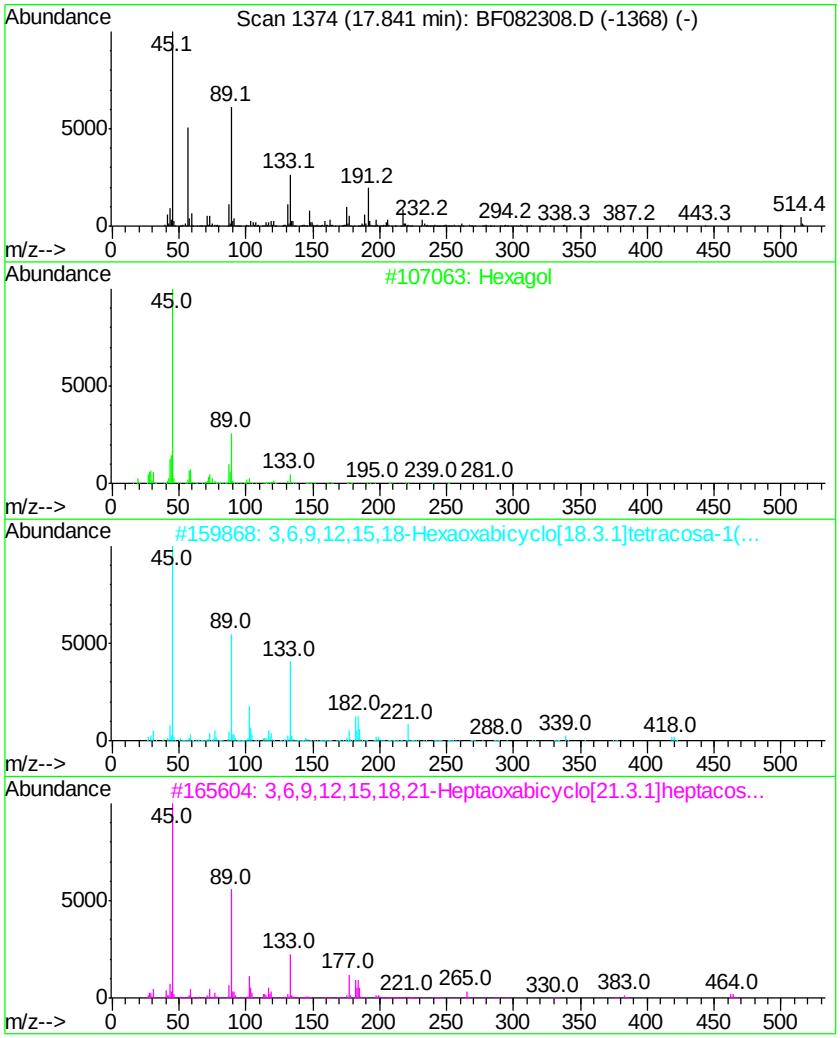
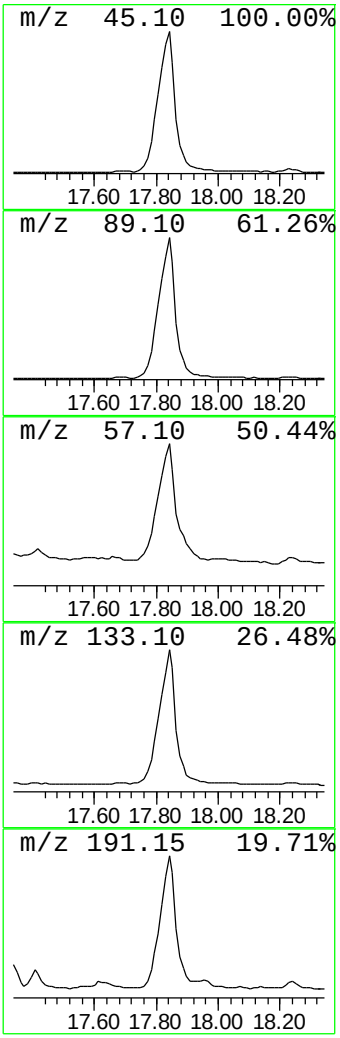
Peak Number 19 unknown17.84 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	63.19 ng	4836770	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	45
2	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	42
3	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	42
4	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	40
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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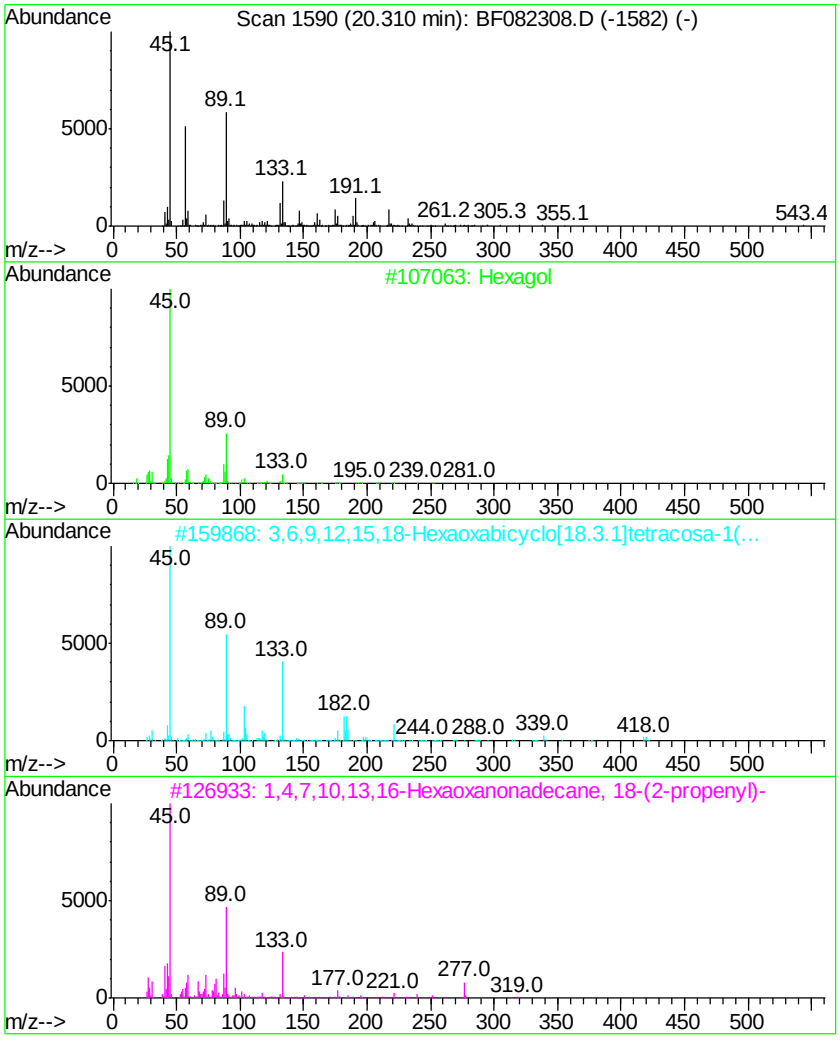
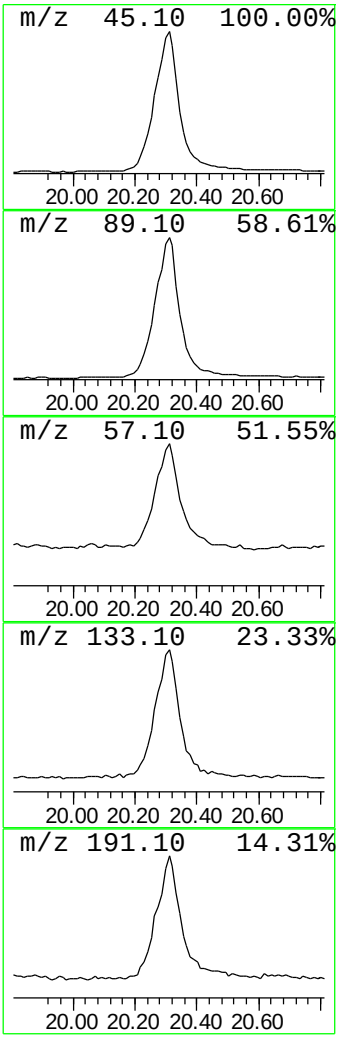
Peak Number 20 1,4,7,10,13,16-Hexaoxanonad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	31.21 ng	2389100	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	50
2	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	50
3	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	50
4	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	45
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082308.D
Acq On : 15 Oct 2015 14:42
Operator : UM/IZ
Sample : G4015-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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
1-Hexanol, 2-ethyl-	6.90	27.3	ng	1888120	1	6.82	1383350	20.0
Pentane, 2,2,3,4-...	7.10	21.0	ng	1455560	1	6.82	1383350	20.0
1,3-Hexanediol, 2...	8.31	316.5	ng	18214600	2	8.11	1151100	20.0
1,3-Propanediol, ...	8.35	84.9	ng	4886510	2	8.11	1151100	20.0
Phthalic anhydride	8.93	50.5	ng	2905520	2	8.11	1151100	20.0
Benzene, 3-cycloh...	9.03	36.7	ng	1343500	3	9.87	731575	20.0
1-Decene	9.68	42.2	ng	1544190	3	9.87	731575	20.0
Benzoic acid, 3,5...	10.98	103.8	ng	4707150	4	11.37	907147	20.0
Hexagol	11.19	21.2	ng	960006	4	11.37	907147	20.0
1-Hexadecanol	11.59	39.0	ng	1767900	4	11.37	907147	20.0
Nonadecane	11.66	21.5	ng	975009	4	11.37	907147	20.0
1-Octanol, 2-butyl-	11.84	22.1	ng	1002000	4	11.37	907147	20.0
unknown12.15	12.15	137.9	ng	6254980	4	11.37	907147	20.0
Octane, 2,2-dimet...	12.63	44.5	ng	2020060	4	11.37	907147	20.0
unknown15.16	15.16	64.6	ng	4941940	6	15.68	1530910	20.0
Octacosane	16.15	21.5	ng	1647690	6	15.68	1530910	20.0
unknown16.25	16.25	74.1	ng	5670180	6	15.68	1530910	20.0
unknown17.84	17.84	63.2	ng	4836770	6	15.68	1530910	20.0
1,4,7,10,13,16-He...	20.31	31.2	ng	2389100	6	15.68	1530910	20.0