LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099320.D
Acq On : 11 Oct 2017 00:40
Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	574	576	586	rVB	170657	186682	10.11%	0.589%
2	5.710	612	616	622	rVV2	64897	81443	4.41%	0.257%
3	5.763	622	625	633	rVB	306564	262076	14.19%	0.827%
4	6.104	678	683	689	rBV3	186667	308526	16.71%	0.973%
5	6.157	689	692	695	rVB	83105	81053	4.39%	0.256%
6	6.298	711	716	718	rBV2	110376	146261	7.92%	0.461%
7	6.334	718	722	724	rBV2	90602	119697	6.48%	0.378%
8	6.357	724	726	728	rVB	219088	160327	8.68%	0.506%
9	6.387	728	731	734	rBV	549020	487433	26.40%	1.538%
10	6.416	734	736	738	rVB	129402	101509	5.50%	0.320%
11	6.445	738	741	743	rBV	234977	205789	11.14%	0.649%
12	6.487	746	748	751	rBV	137505	124151	6.72%	0.392%
13	6.545	754	758	763	rVB	163679	197313	10.68%	0.622%
14	6.598	763	767	770	rBV4	120316	203965	11.05%	0.643%
15	6.634	770	773	775	rVB2	230065	189440	10.26%	0.598%
16	6.692	779	783	786	rBV2	1604599	1555095	84.21%	4.906%
17	6.792	794	800	802	rBV4	68378	112411	6.09%	0.355%
18	6.863	809	812	815	rVB2	828809	744565	40.32%	2.349%
19	6.916	818	821	824	rBV2	248790	217579	11.78%	0.686%
20	6.969	827	830	833	rVB2	121821	113745	6.16%	0.359%
21	7.004	833	836	840	rBV2	308157	464804	25.17%	1.466%
22	7.087	847	850	852	rBV	91629	89689	4.86%	0.283%
23	7.110	852	854	855	rBV2	108053	89861	4.87%	0.283%
24	7.134	855	858	860	rVB	530363	433215	23.46%	1.367%
25	7.157	860	862	864	rBV	225360	207053	11.21%	0.653%
26	7.181	864	866	867	rBV	235154	193260	10.47%	0.610%
27	7.239	872	876	881	rBV2	393909	603592	32.69%	1.904%
28	7.286	881	884	888	rVB5	75739	109169	5.91%	0.344%
29	7.322	888	890	892	rBV	167386	154501	8.37%	0.487%
30	7.345	892	894	897	rVB	177449	153555	8.32%	0.484%
31	7.392	897	902	905	rBV	380759	438856	23.77%	1.384%
32	7.451	905	912	916	rVB	1659782	1846638	100.00%	5.826%
33	7.504	916	921	924	rBV4	288977	413006	22.37%	1.303%
34	7.545	924	928	929	rBV2	180411	226009	12.24%	0.713%

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Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.634	941	943	945	rVV	229186	176227	9.54%	0.556%
36	7.657	945	947	951	rVB2	218005	252514	13.67%	0.797%
37	7.739	957	961	962	rBV2	129135	142347	7.71%	0.449%
38	7.757	962	964	967	rVV	267282	300469	16.27%	0.948%
39	7.781	967	968	972	rVV3	197834	284184	15.39%	0.897%
40	7.822	972	975	978	rVV2	350679	429750	23.27%	1.356%
41	7.851	978	980	983	rVV2	330353	345625	18.72%	1.090%
42	7.886	983	986	988	rVV2	655473	676130	36.61%	2.133%
43	7.910	988	990	991	rVV	194094	158950	8.61%	0.501%
44	7.934	991	994	995	rVV	326622	277386	15.02%	0.875%
45	7.957	995	998	1000	rVV3	220998	244948	13.26%	0.773%
46	7.981	1000	1002	1005	rVB	219142	181335	9.82%	0.572%
47	8.010	1005	1007	1010	rVB2	163768	160745	8.70%	0.507%
48	8.045	1010	1013	1015	rBV2	90955	87430	4.73%	0.276%
49	8.092	1016	1021	1022	rVV4	134931	182250	9.87%	0.575%
50	8.122	1022	1026	1028	rVV	1577240	1437843	77.86%	4.536%
51	8.145	1028	1030	1033	rVV	846147	759889	41.15%	2.397%
52	8.169	1033	1034	1035	rVV	162069	89874	4.87%	0.284%
53	8.198	1035	1039	1042	rVB2	601291	573047	31.03%	1.808%
54	8.228	1042	1044	1046	rBV2	192318	174532	9.45%	0.551%
55	8.251	1046	1048	1052	rVB3	100295	83061	4.50%	0.262%
56	8.292	1052	1055	1057	rBV3	114500	135968	7.36%	0.429%
57	8.339	1060	1063	1066	rVB3	240103	247907	13.42%	0.782%
58	8.392	1069	1072	1075	rVV3	72804	84273	4.56%	0.266%
59	8.433	1075	1079	1083	rVB4	448978	538242	29.15%	1.698%
60	8.481	1084	1087	1090	rVV4	225995	224950	12.18%	0.710%
61	8.516	1090	1093	1097	rVB3	303891	322391	17.46%	1.017%
62	8.557	1097	1100	1102	rBV	642291	507968	27.51%	1.602%
63	8.581	1102	1104	1106	rBV2	132897	95846	5.19%	0.302%
64	8.645	1112	1115	1118	rBV	378454	320118	17.34%	1.010%
65	8.728	1126	1129	1133	rVB	1302348	1021052	55.29%	3.221%
66	8.775	1133	1137	1138	rBV3	70183	90002	4.87%	0.284%
67	8.922	1158	1162	1164	rVV5	82184	110246	5.97%	0.348%
68	8.963	1167	1169	1172	rVV3	273558	251183	13.60%	0.792%
69	9.010	1174	1177	1178	rVV2	235861	217021	11.75%	0.685%
70	9.028	1178	1180	1181	rVV2	157281	145464	7.88%	0.459%
71	9.057	1181	1185	1187	rVV3	188742	246145	13.33%	0.777%

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Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.092	1187	1191	1195	rVV2	296416	331808	17.97%	1.047%
73	9.133	1195	1198	1200	rVV2	215735	180785	9.79%	0.570%
74	9.157	1200	1202	1204	rVV	415229	301779	16.34%	0.952%
75	9.180	1204	1206	1209	rVB2	99609	89709	4.86%	0.283%
76	9.216	1209	1212	1216	rBV	265978	243600	13.19%	0.768%
77	9.292	1221	1225	1228	rBV	942335	783068	42.41%	2.470%
78	9.369	1236	1238	1240	rVB	182614	133789	7.25%	0.422%
79	9.480	1254	1257	1260	rVB4	78435	85422	4.63%	0.269%
80	9.551	1263	1269	1270	rVV3	123733	193387	10.47%	0.610%
81	9.569	1270	1272	1275	rVV3	118980	122448	6.63%	0.386%
82	9.610	1275	1279	1281	rVV3	285141	358813	19.43%	1.132%
83	9.633	1281	1283	1287	rVV3	138913	152036	8.23%	0.480%
84	9.669	1287	1289	1292	rVV3	127782	109832	5.95%	0.346%
85	9.822	1312	1315	1319	rVB	447342	355357	19.24%	1.121%
86	9.898	1323	1328	1332	rVB	652996	591089	32.01%	1.865%
87	10.139	1366	1369	1373	rBV3	75534	81985	4.44%	0.259%
88	10.316	1394	1399	1402	rBV	201096	175050	9.48%	0.552%
89	10.792	1477	1480	1489	rVB	124776	144934	7.85%	0.457%
90	11.386	1577	1581	1584	rBV	610282	517035	28.00%	1.631%
91	11.769	1642	1646	1649	rVB	549530	444701	24.08%	1.403%
92	12.451	1754	1762	1764	rBV	1206035	1138038	61.63%	3.590%
93	12.474	1764	1766	1769	rVB	1030131	766063	41.48%	2.417%
94	12.557	1777	1780	1784	rVB	278656	211963	11.48%	0.669%
95	12.827	1824	1826	1833	rVB	123233	121640	6.59%	0.384%
96	12.963	1846	1849	1852	rBV	192576	173642	9.40%	0.548%
97	13.157	1874	1882	1885	rBV5	60767	105481	5.71%	0.333%
98	13.392	1918	1922	1929	rBV6	58779	88659	4.80%	0.280%
99	14.027	2026	2030	2033	rBV	640375	605880	32.81%	1.911%
100	15.504	2276	2281	2293	rVB	369272	491167	26.60%	1.549%

Sum of corrected areas: 31698740

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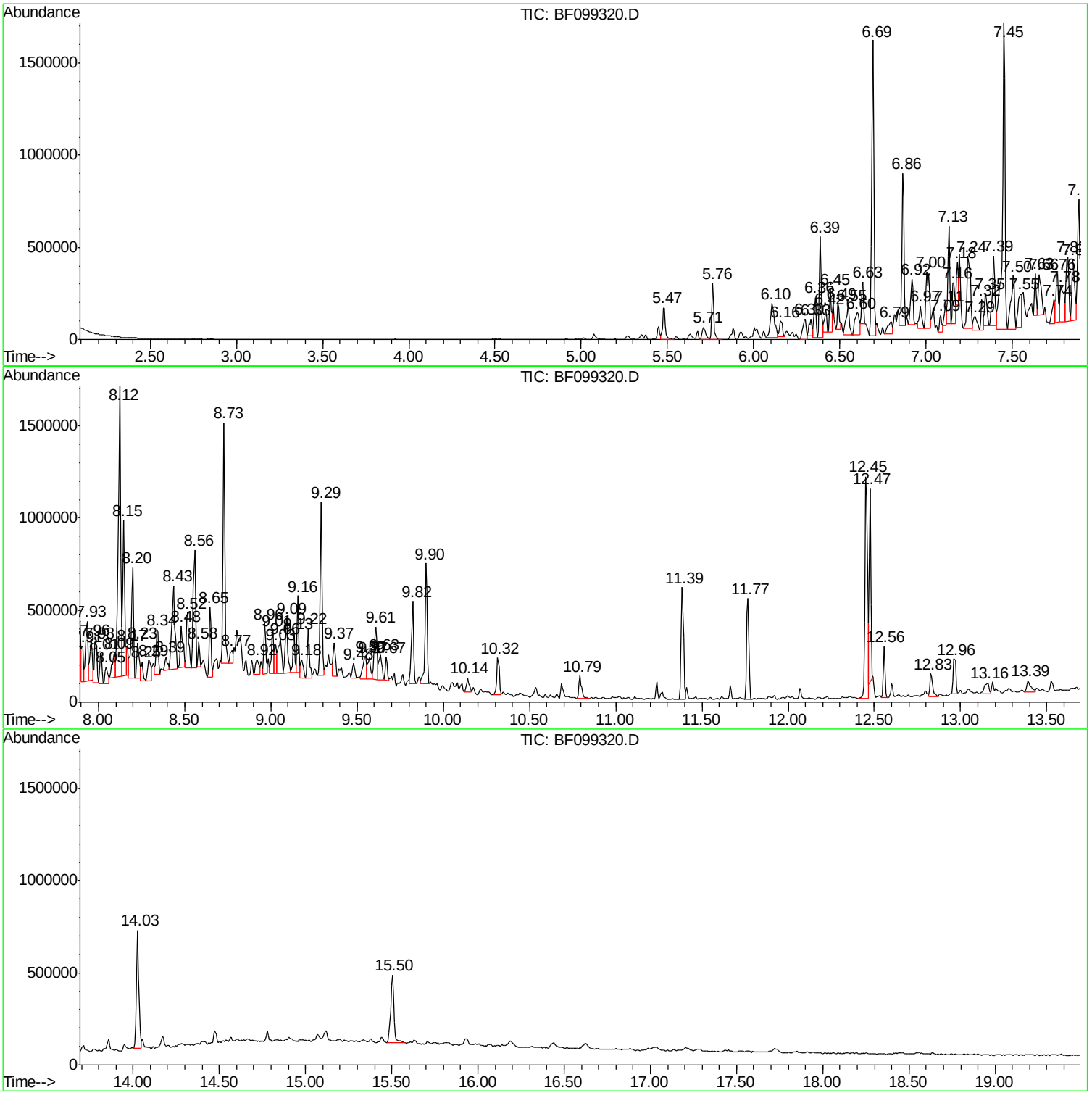
Acq On : 11 Oct 2017 00:40
Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

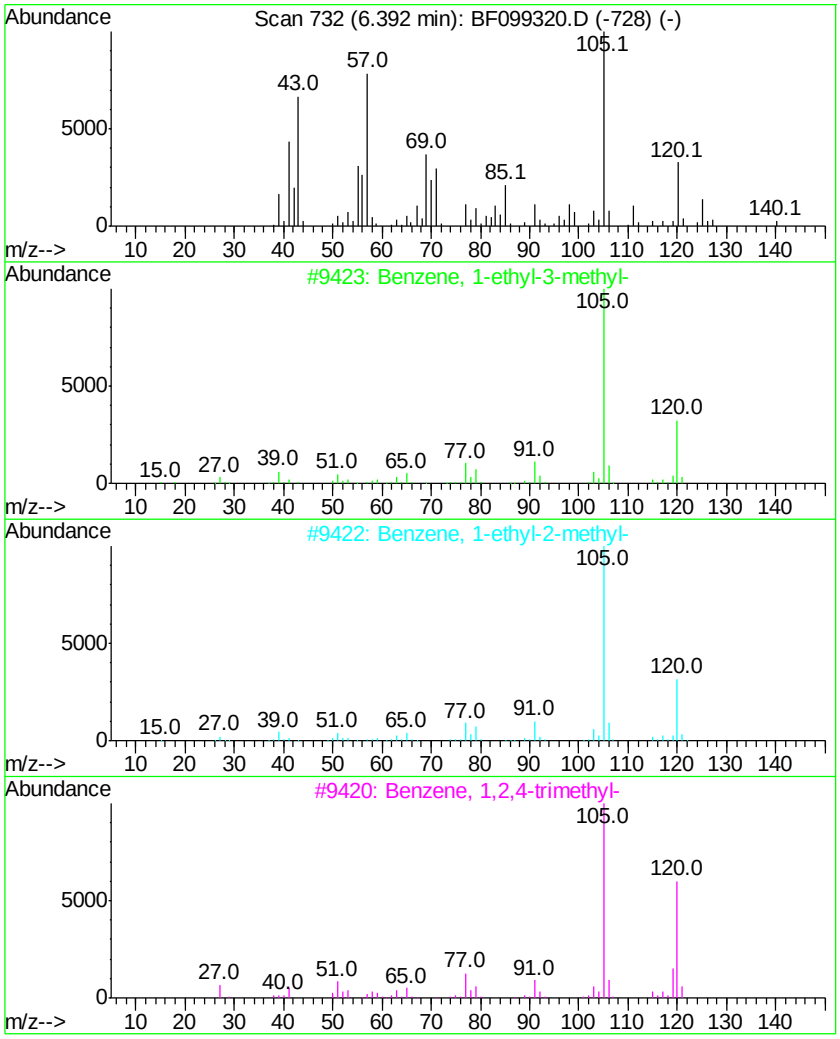
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

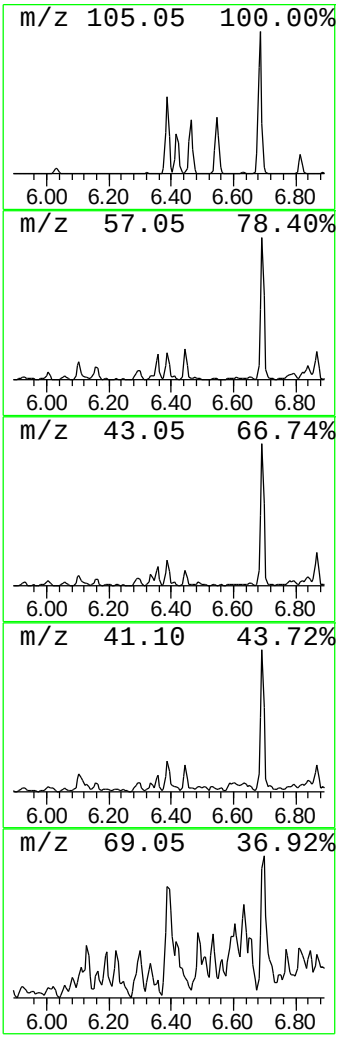
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	13.09 ng	487433	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
4	Mesitylene	120	C9H12	000108-67-8	55
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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Sample : I5745-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

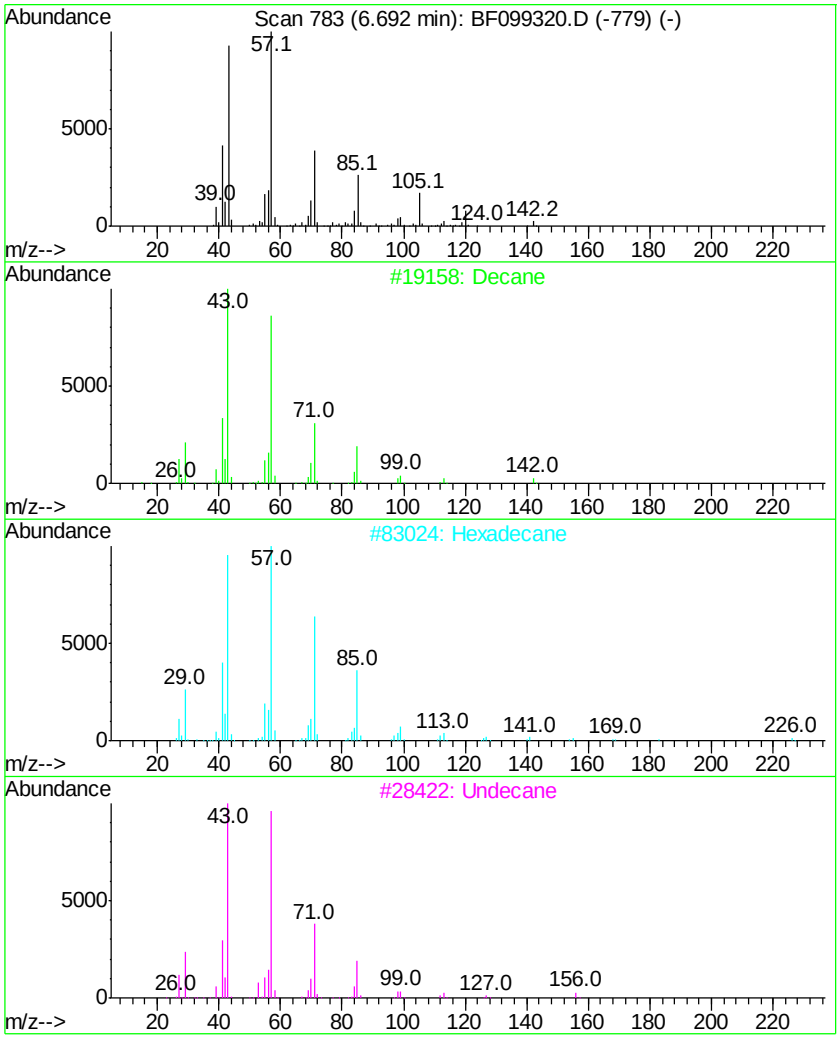
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

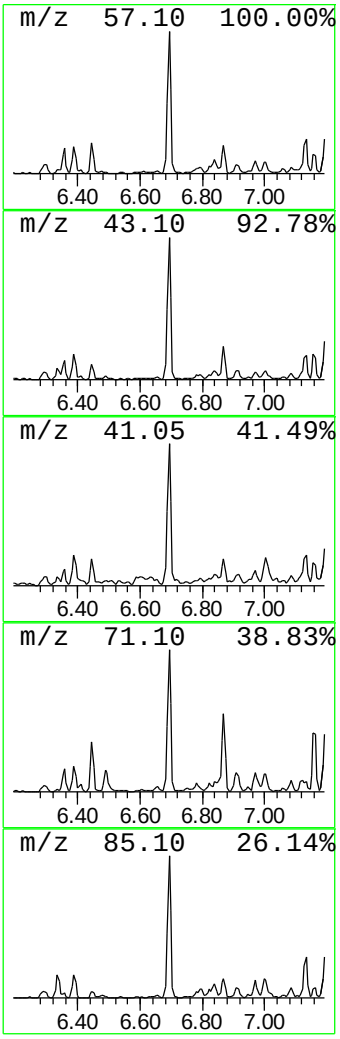
****

Peak Number 2 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	41.77 ng	1555100	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane	156	C11H24	001120-21-4	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59





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Sample : I5745-01 10X
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Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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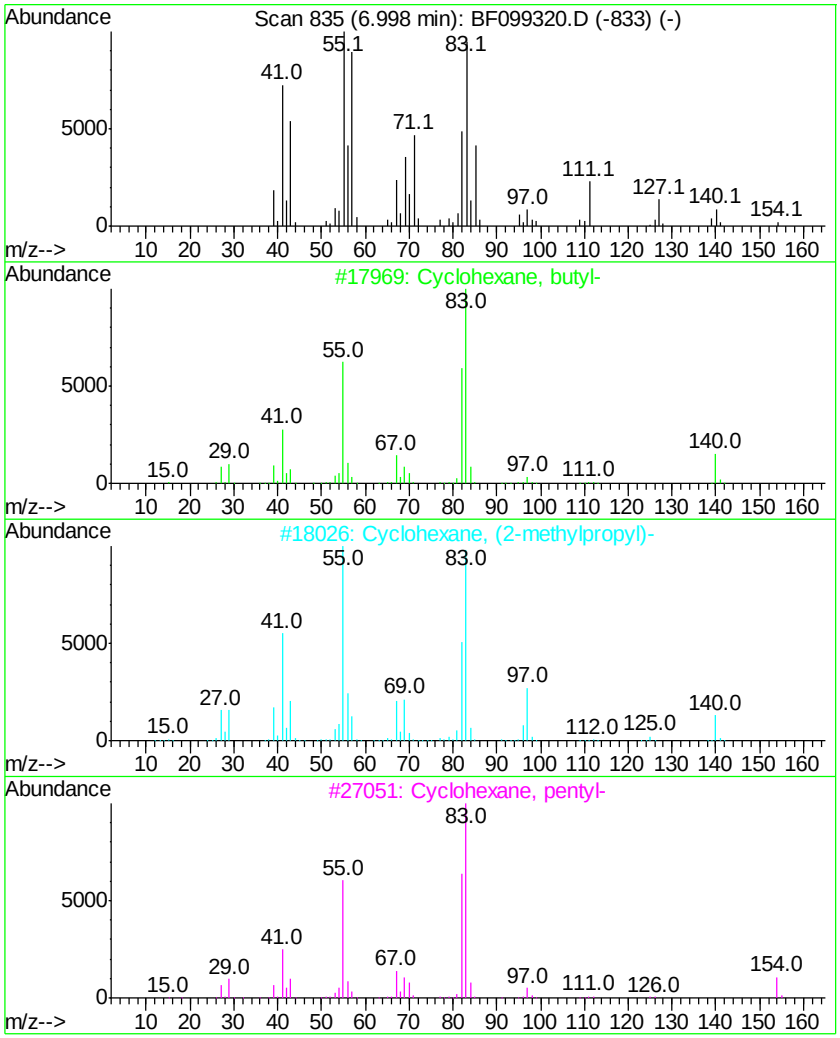
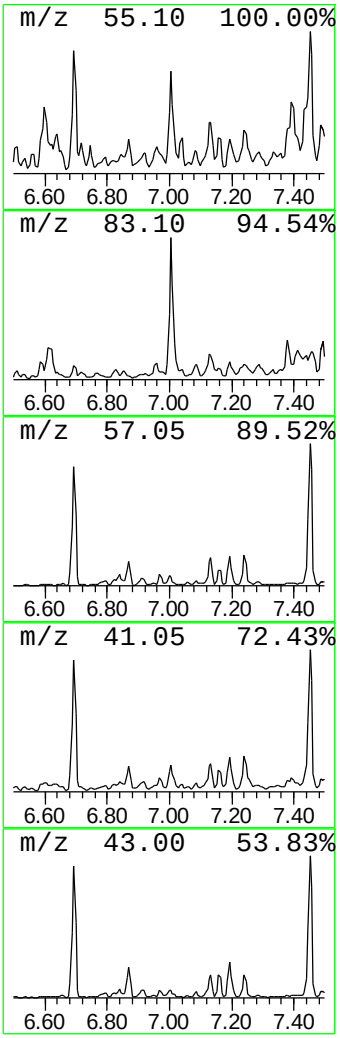
Peak Number 3 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	12.49 ng	464804	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	81
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53





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Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

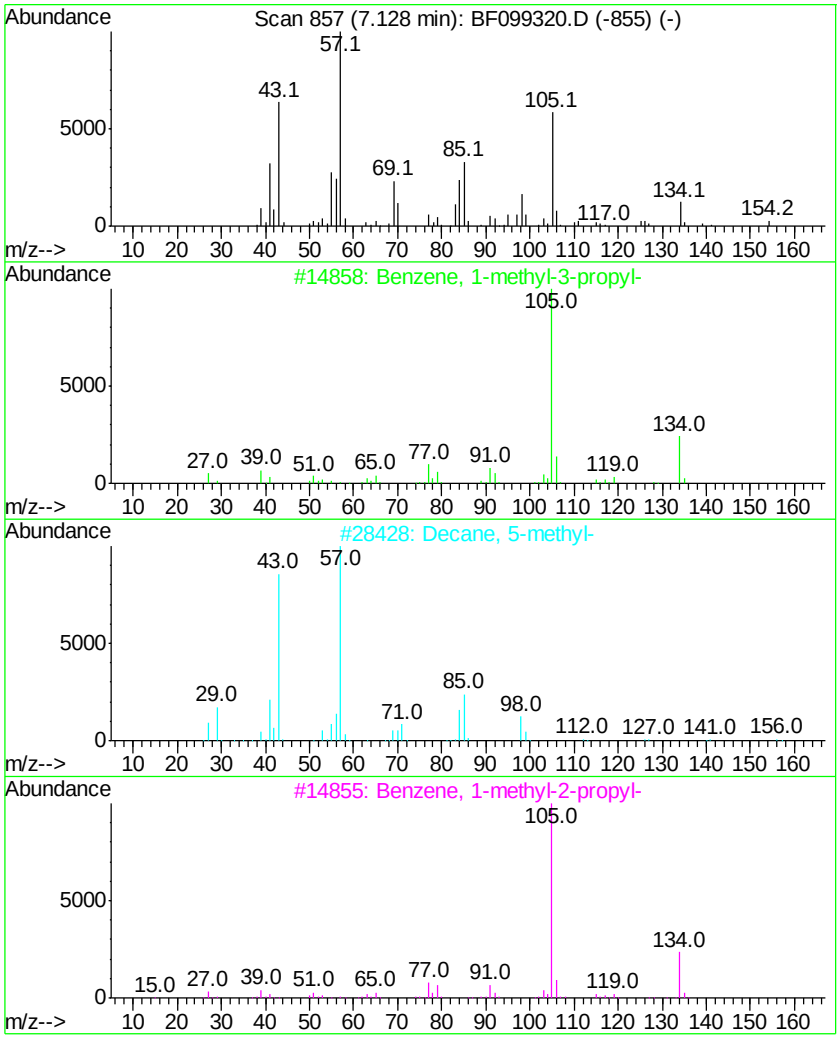
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

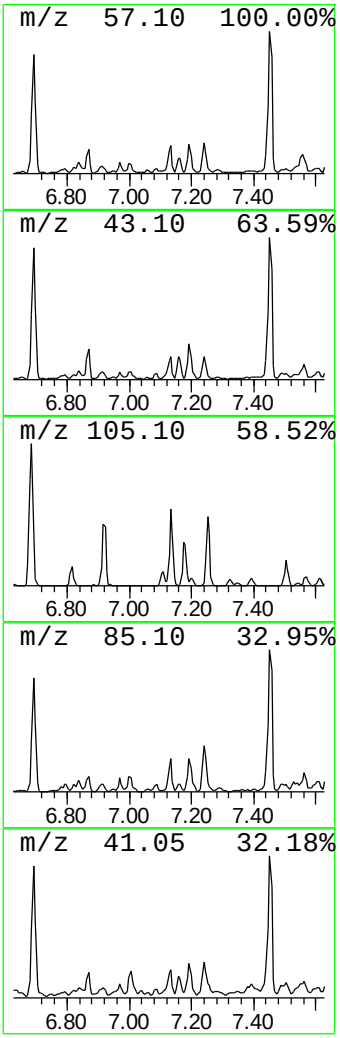
****

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	11.64 ng	433215	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2	Decane, 5-methyl-	156	C11H24	013151-35-4	43
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42





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Data File : BF099320.D
Acq On : 11 Oct 2017 00:40
Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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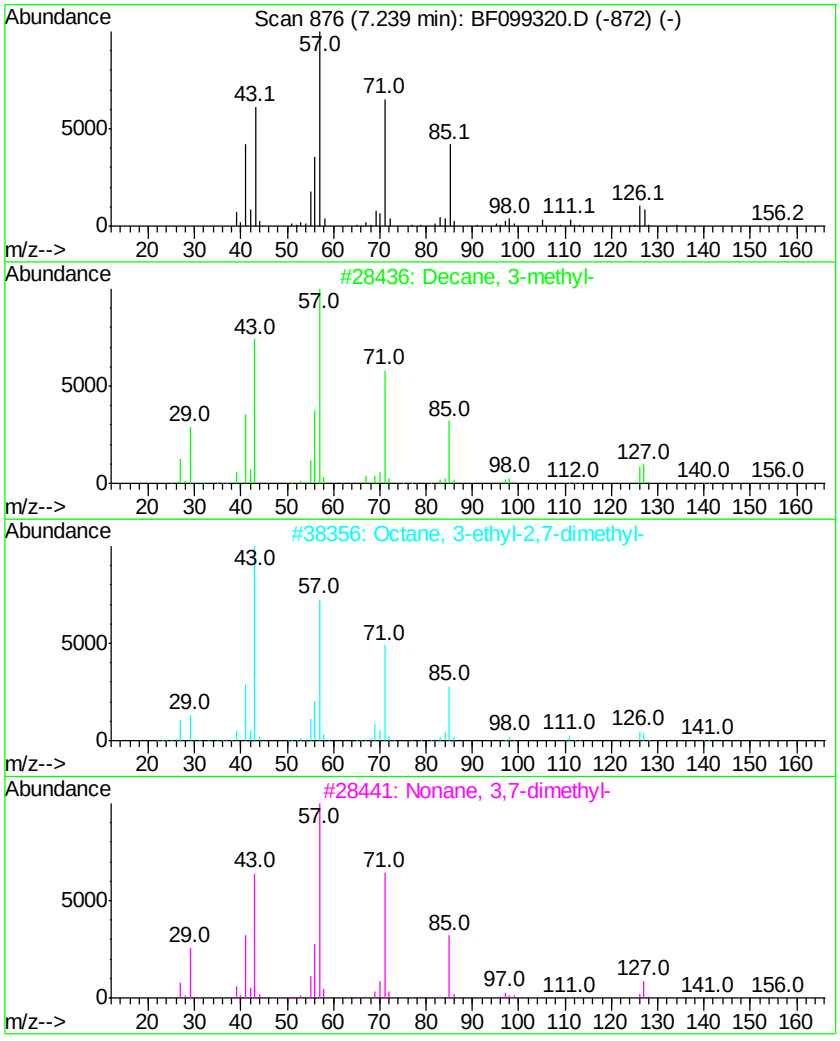
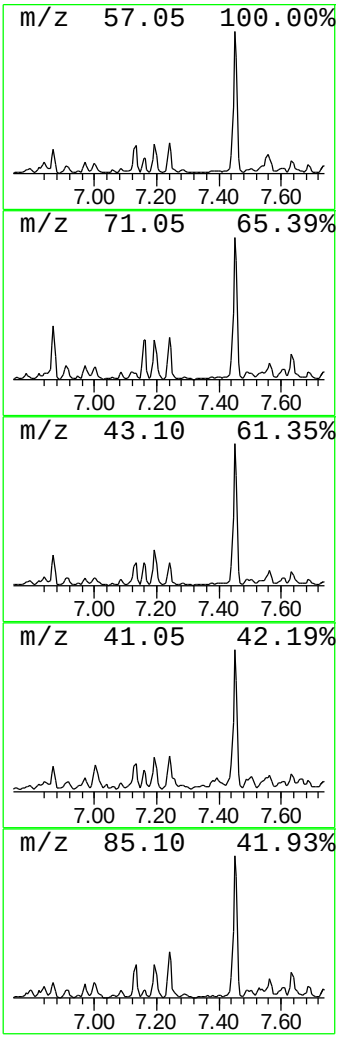
Peak Number 5 Decane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	16.21 ng	603592	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	87
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099320.D
Acq On : 11 Oct 2017 00:40
Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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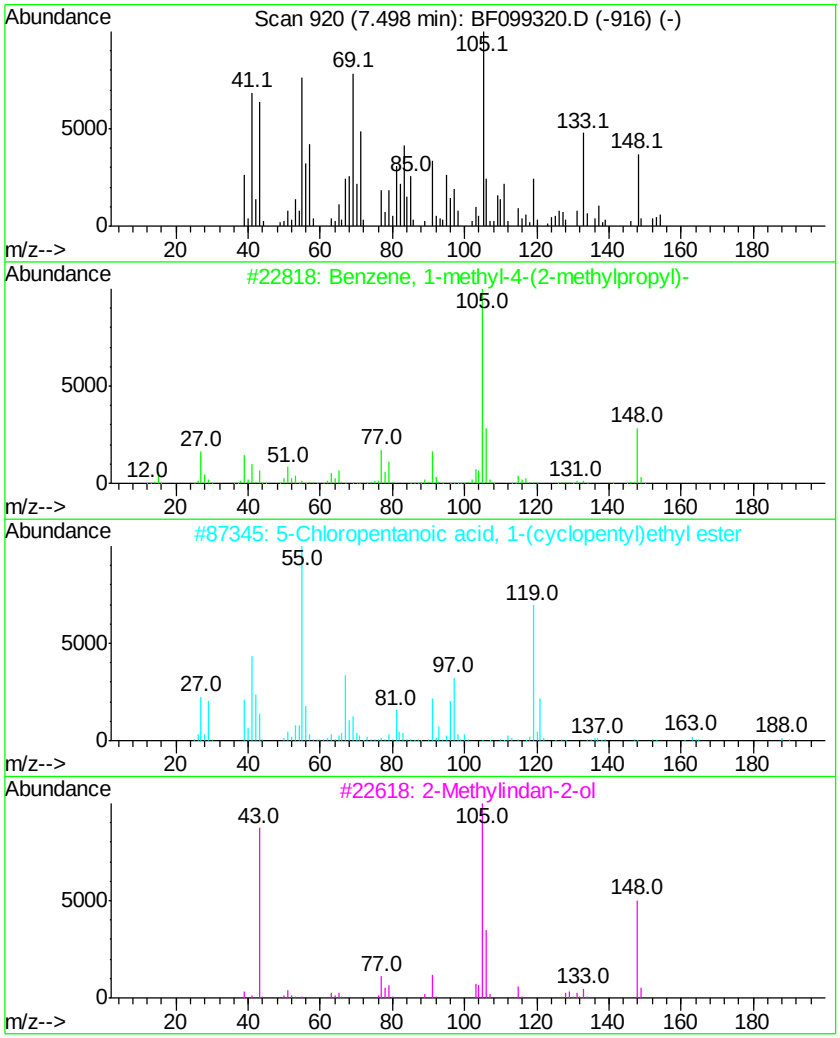
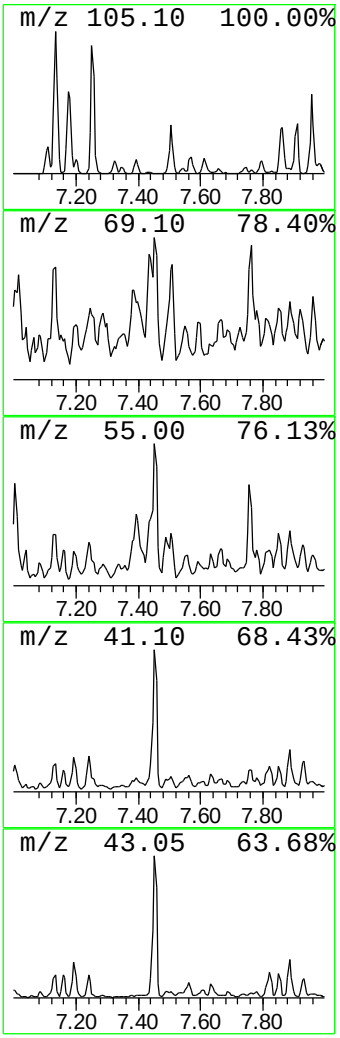
Peak Number 6 unknown7.50 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	10.87 ng	413006	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	25
2	5-Chloropentanoic acid, 1-(cyclo...	232	C12H21ClO2	1000293-37-6	22
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	20
4	Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	15
5	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	15





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Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-100617-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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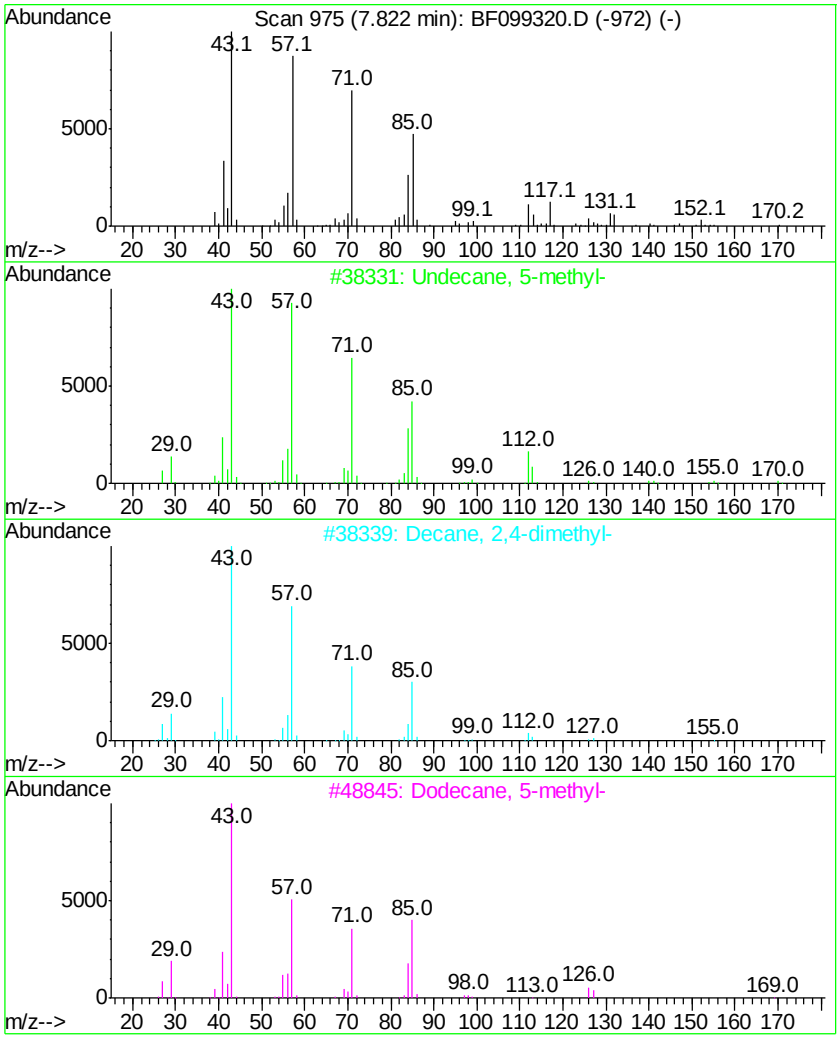
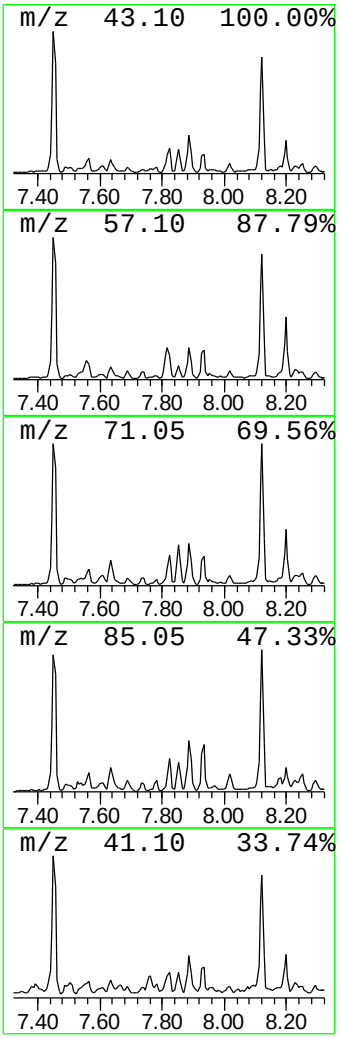
Peak Number 7 Undecane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	11.31 ng	429750	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	93
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
3	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
4	Octane, 4-methyl-	128	C9H20	002216-34-4	50
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47





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ClientSampleId : HR-06-100617-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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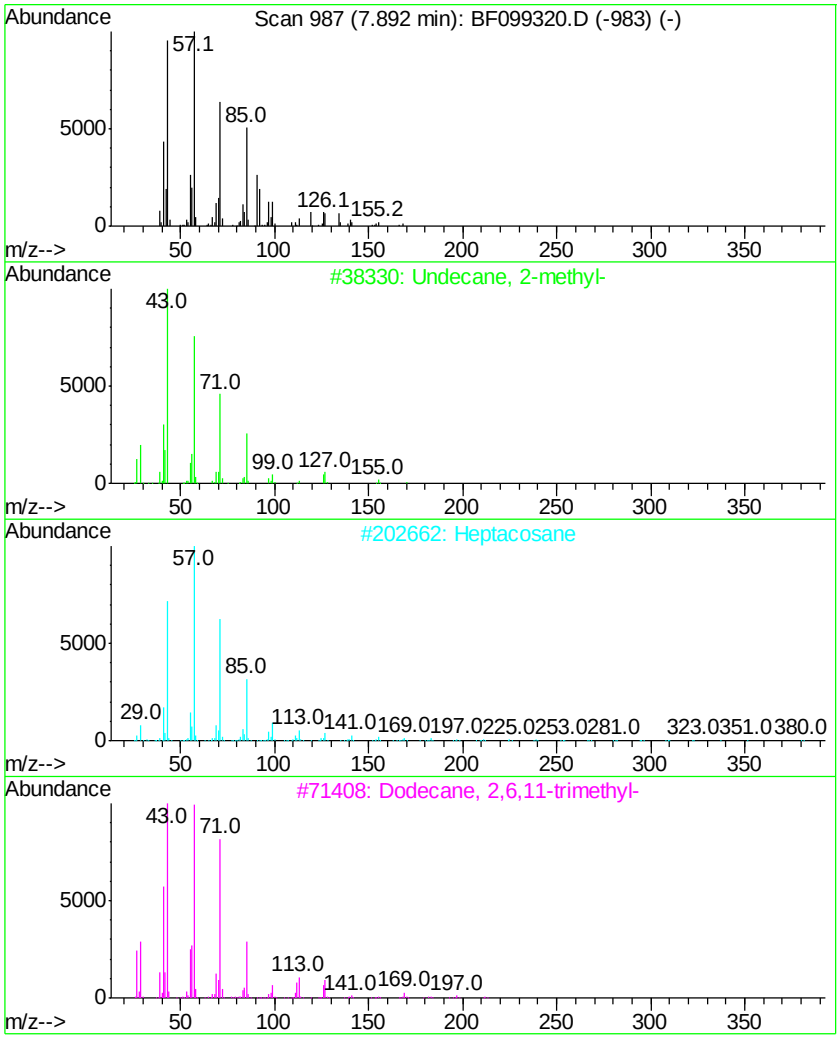
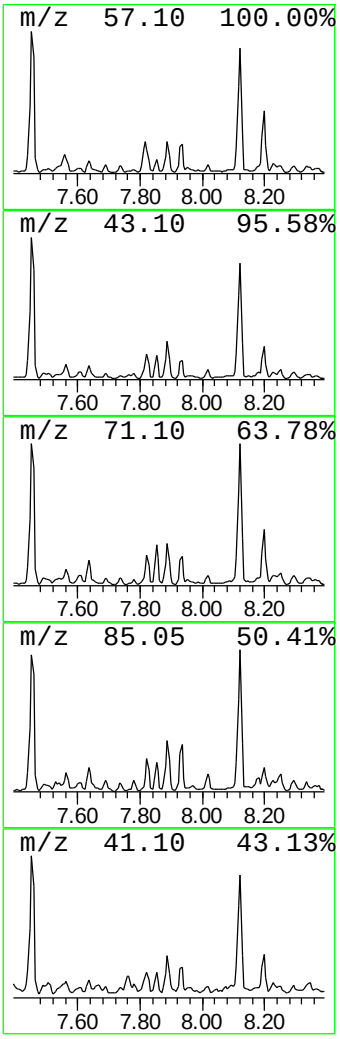
Peak Number 8 Undecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	17.80 ng	676130	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	60
2	Heptacosane	380	C27H56	000593-49-7	49
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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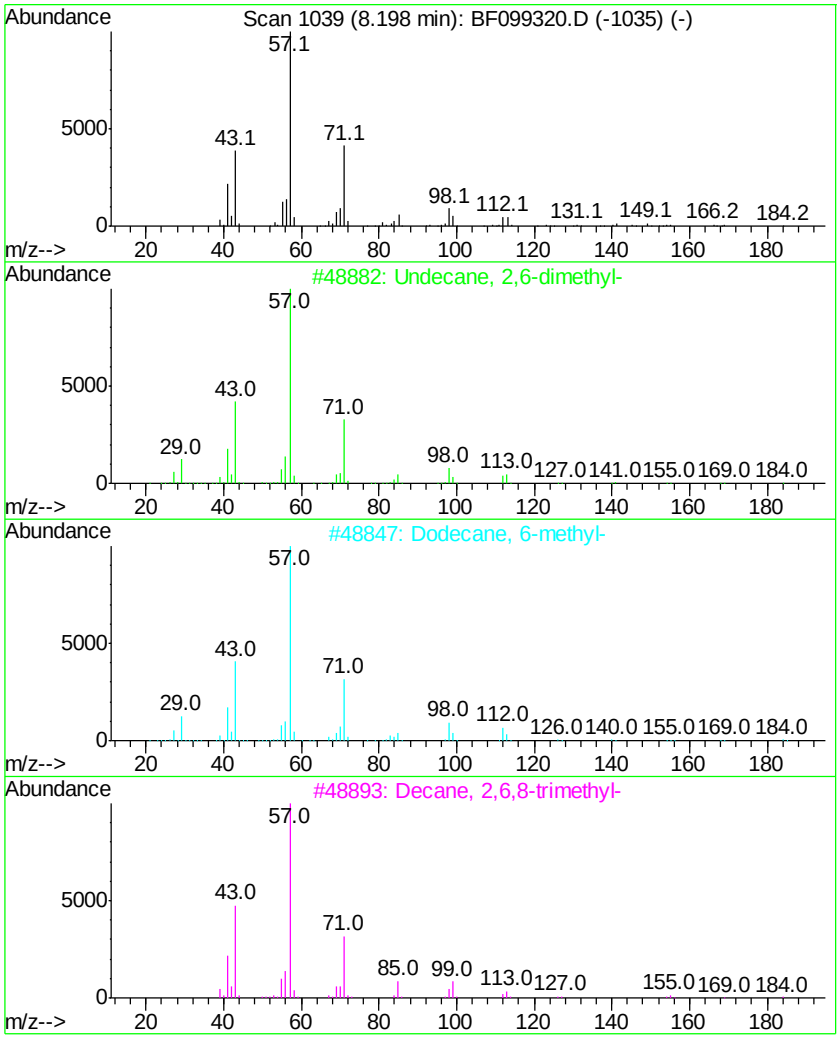
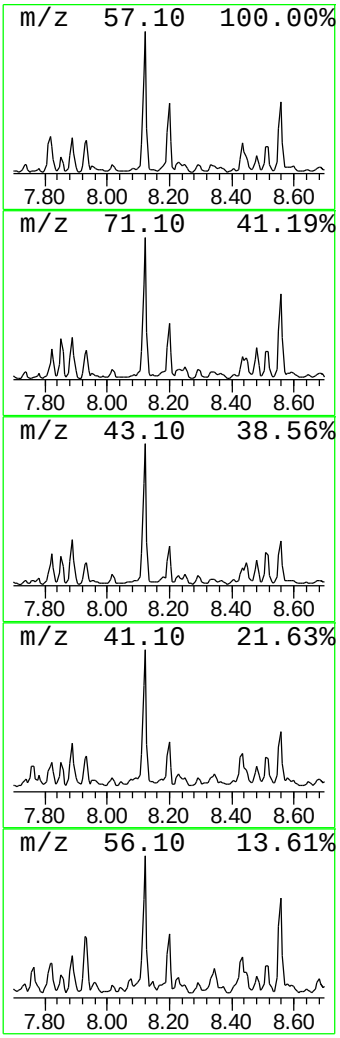
Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	15.08 ng	573047	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53





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Instrument : BNA_F
ClientSampleId : HR-06-100617-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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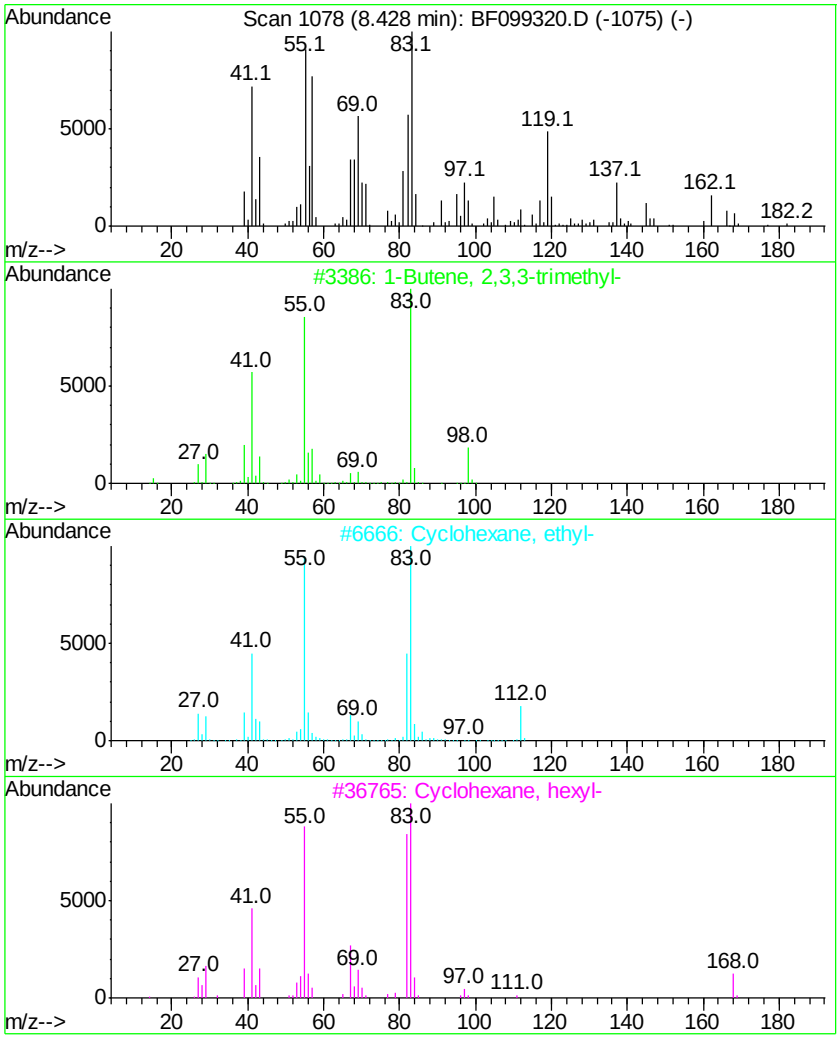
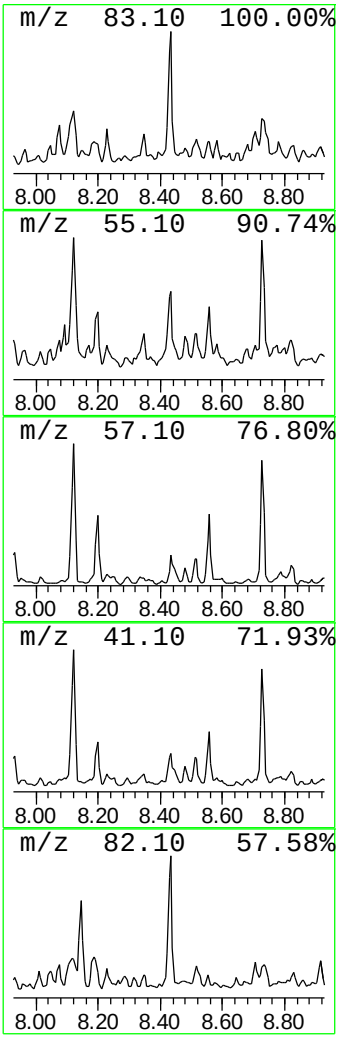
Peak Number 10 unknown8.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	14.17 ng	538242	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	25
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	25
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	25
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	25
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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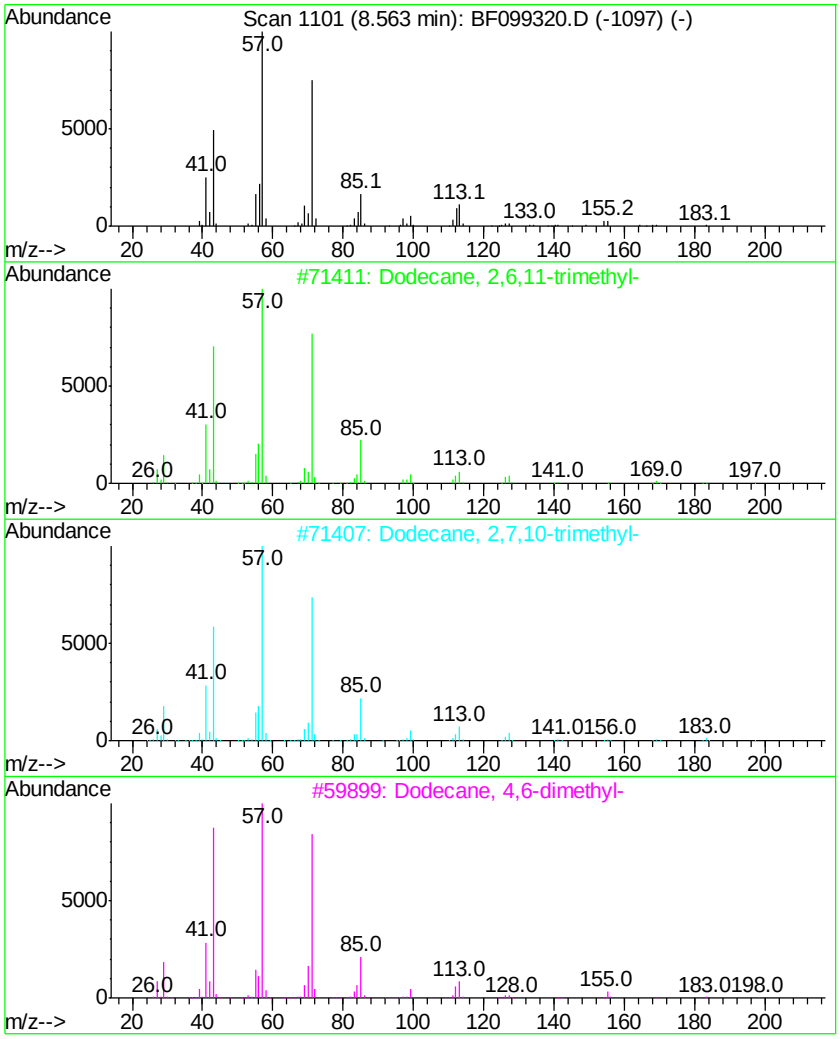
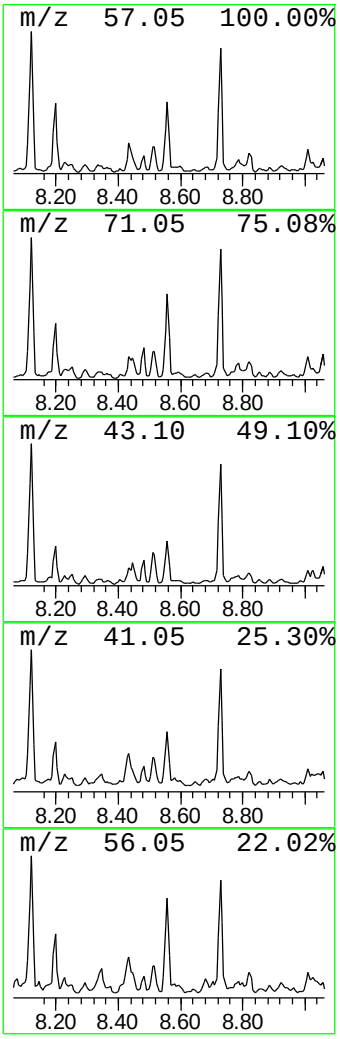
Peak Number 11 Dodecane, 2,6,11-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	13.37 ng	507968	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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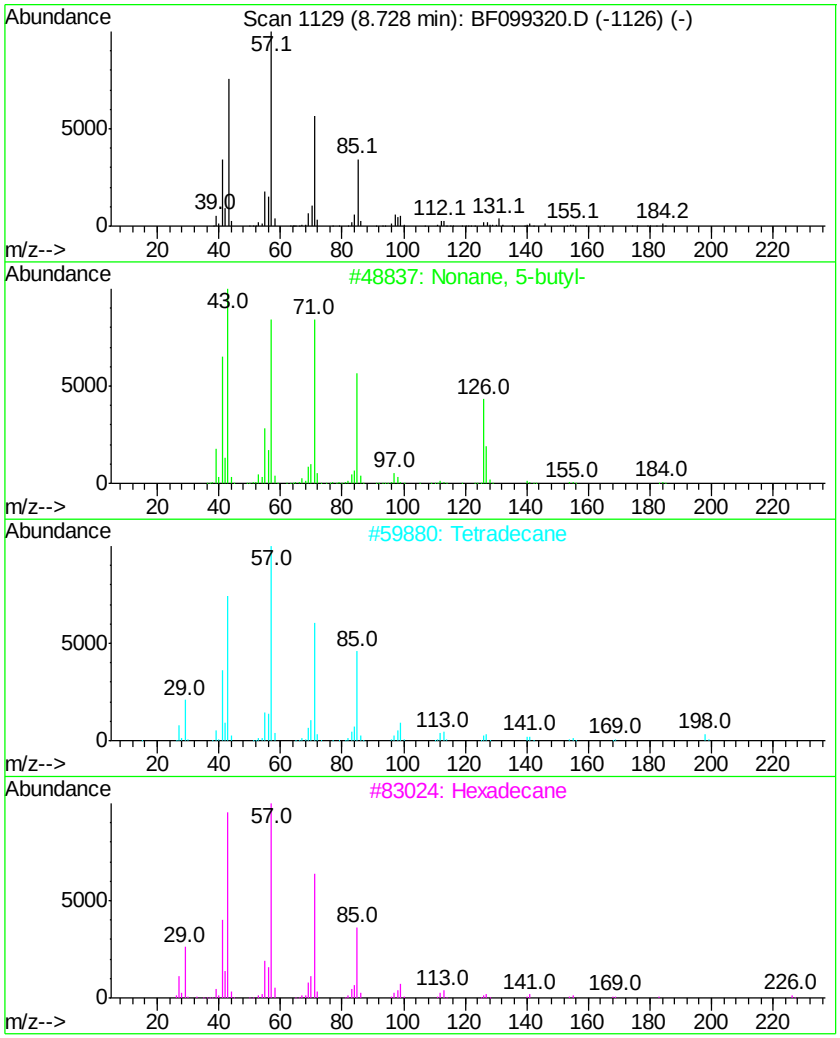
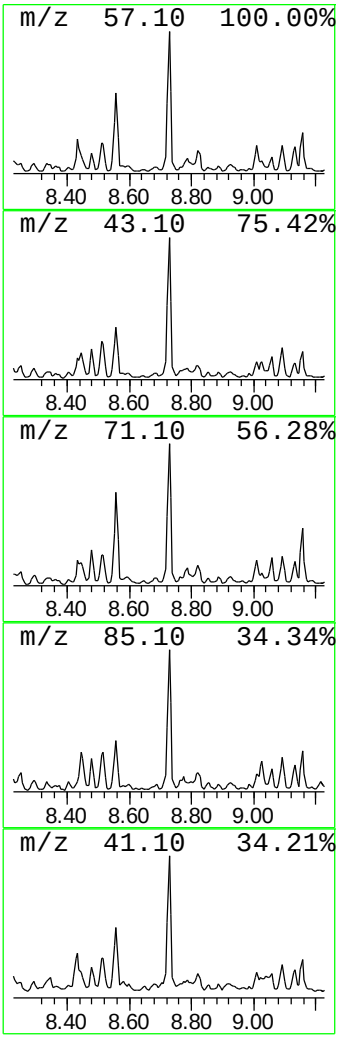
Peak Number 12 Nonane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	26.87 ng	1021050	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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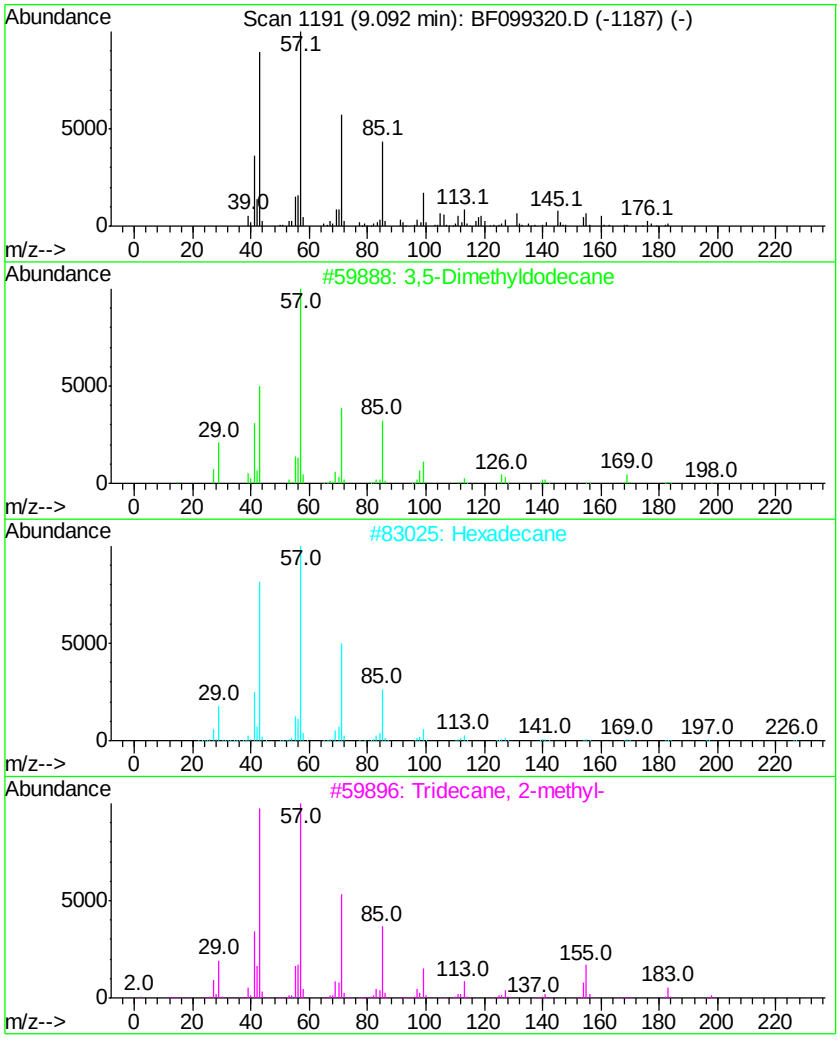
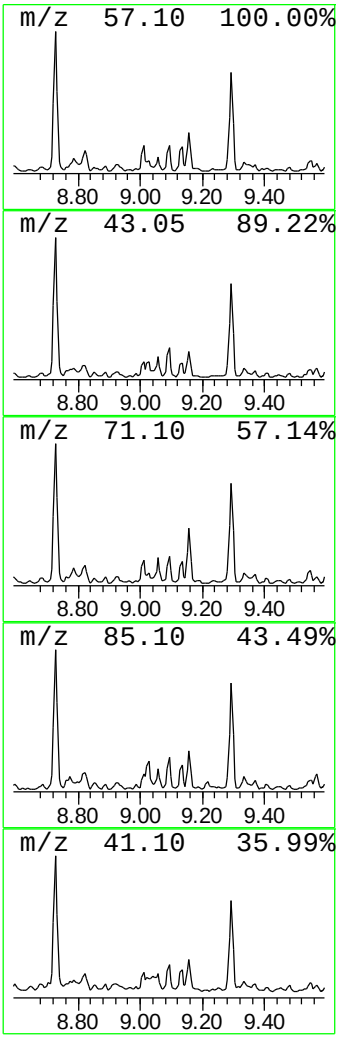
Peak Number 13 3,5-Dimethyldodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	11.23 ng	331808	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
2	Hexadecane	226	C16H34	000544-76-3	59
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
4	1-Iodoundecane	282	C11H23I	004282-44-4	59
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	49





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

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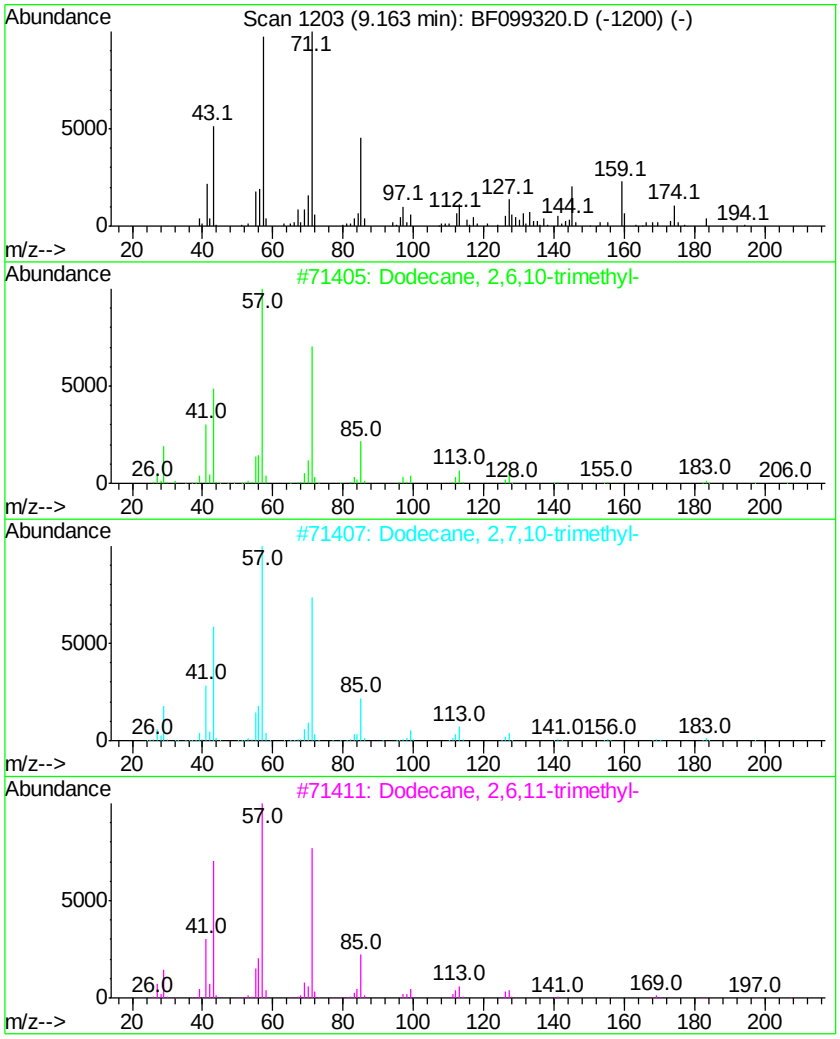
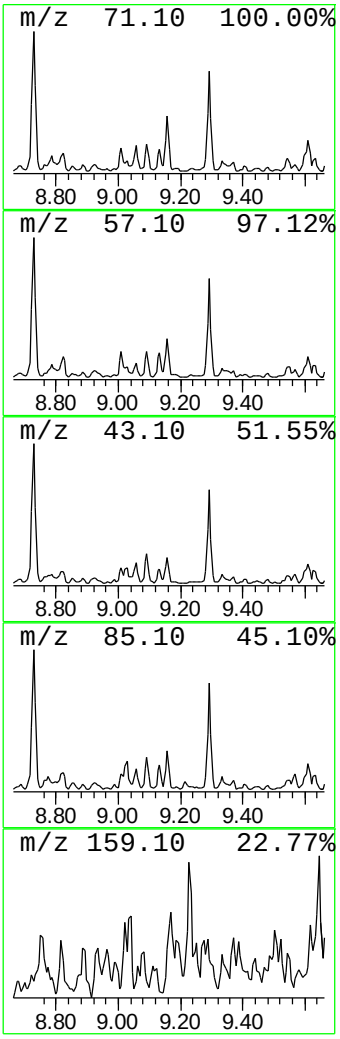
Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	10.21 ng	301779	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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TIC Library : C:\DATABASE\NIST11.L
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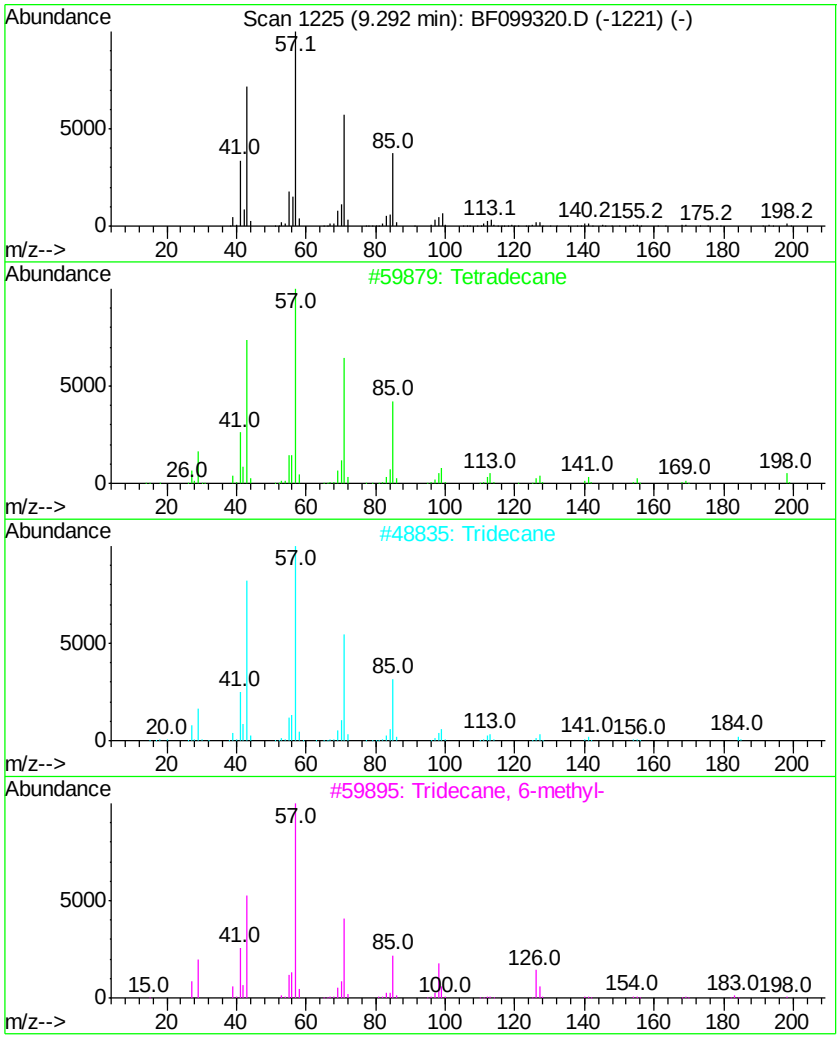
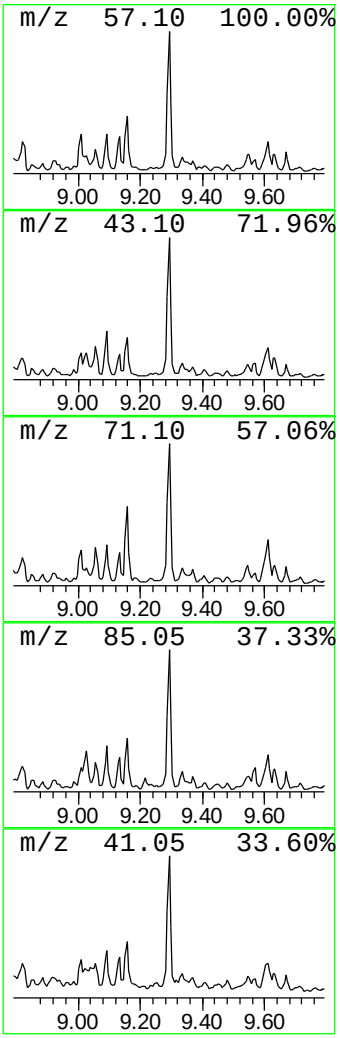
Peak Number 15 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	26.50 ng	783068	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





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

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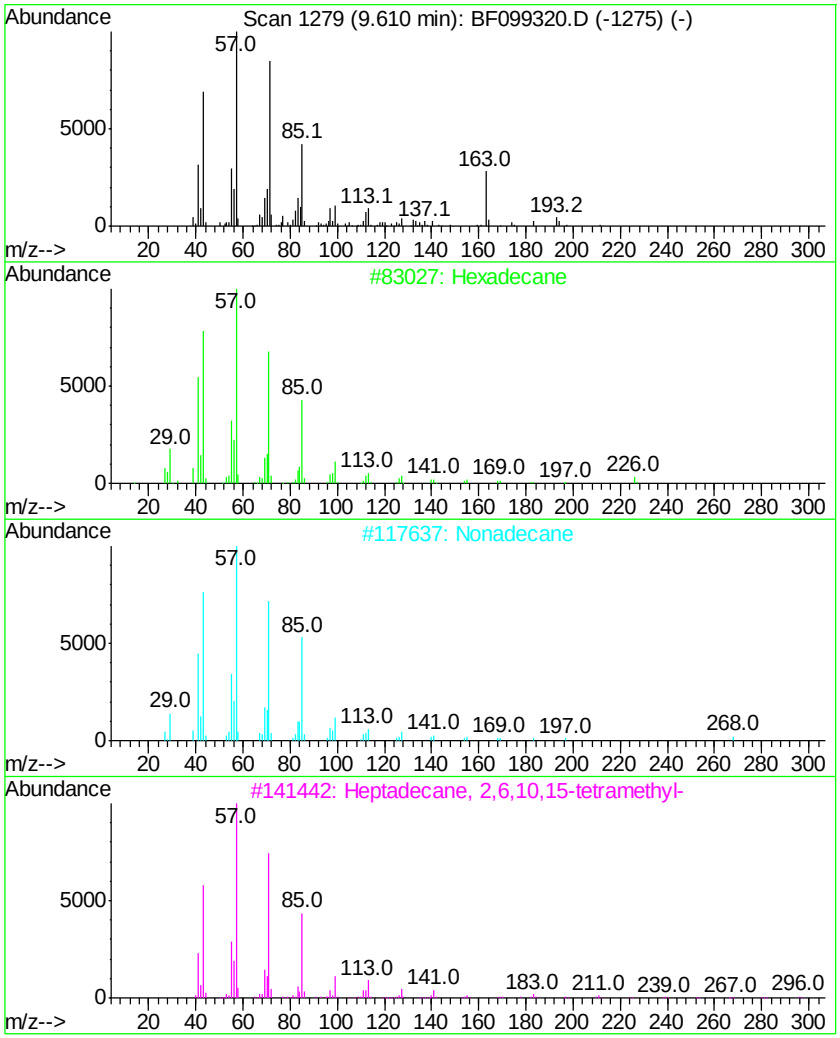
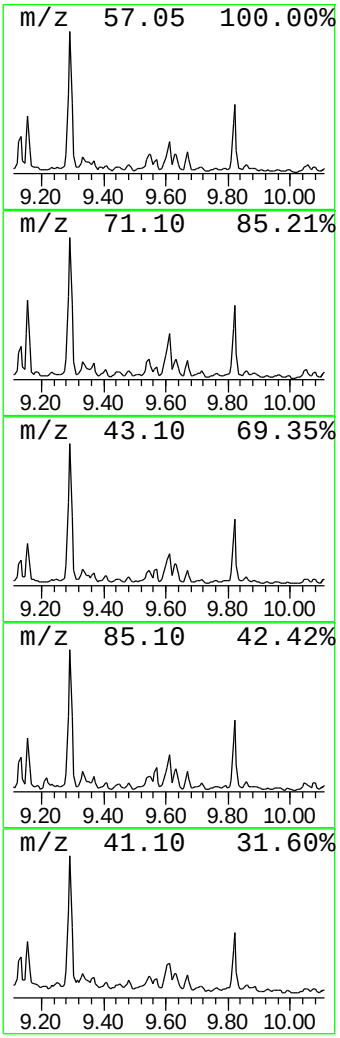
Peak Number 16 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	12.14 ng	358813	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Nonadecane	268	C19H40	000629-92-5	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Heptacosane	380	C27H56	000593-49-7	58
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58





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

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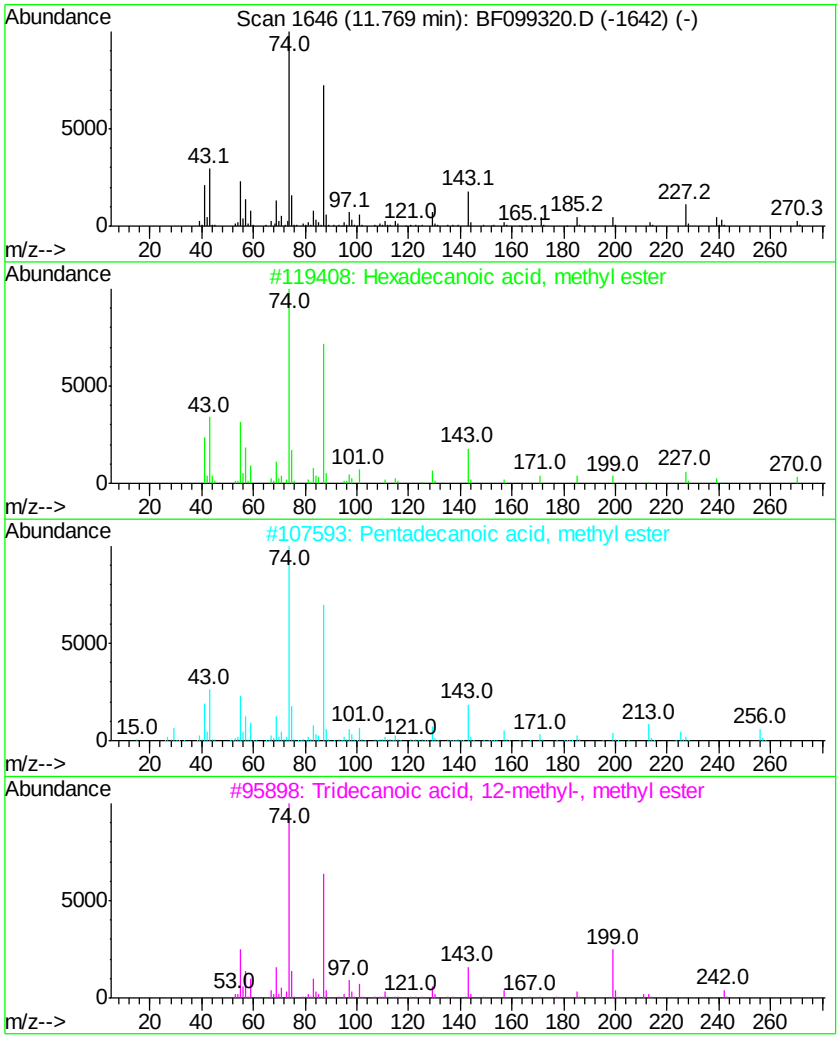
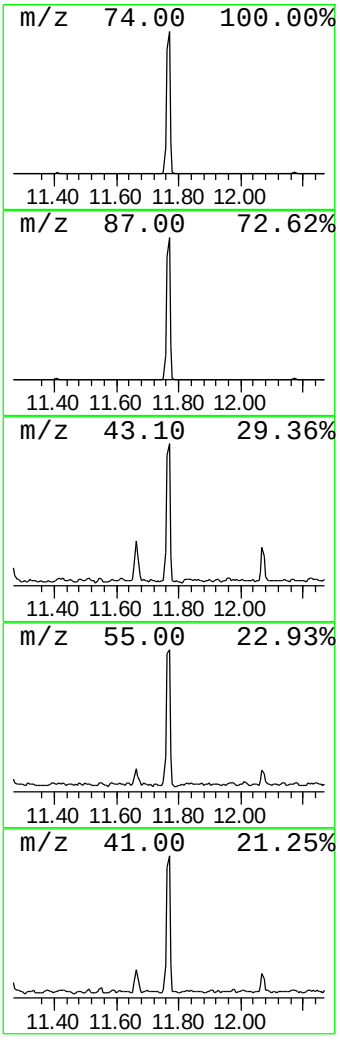
Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	17.20 ng	444701	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





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Data File : BF099320.D
Acq On : 11 Oct 2017 00:40
Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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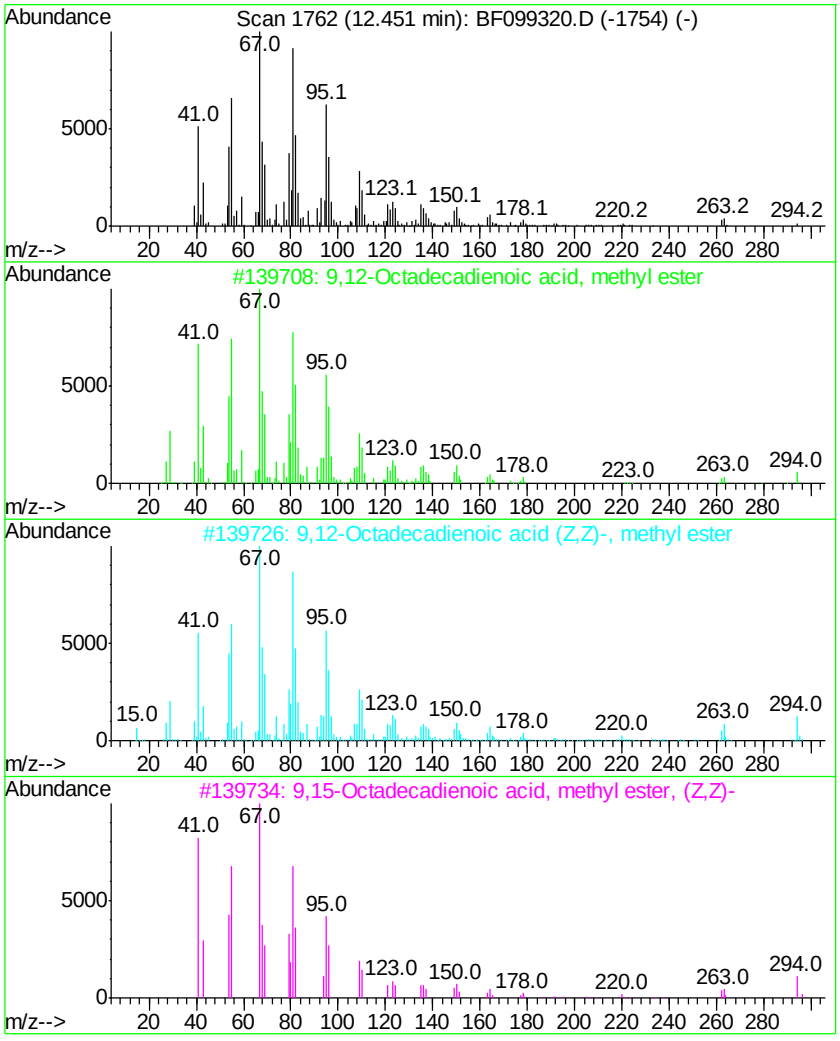
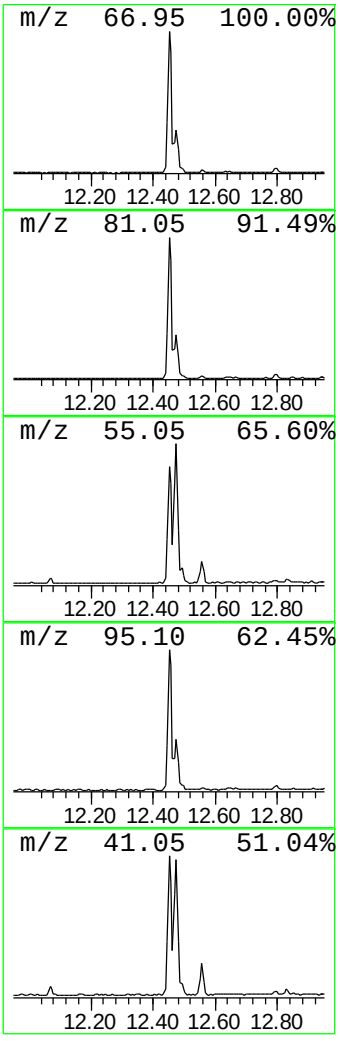
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	44.02 ng	1138040	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95





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Acq On : 11 Oct 2017 00:40
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

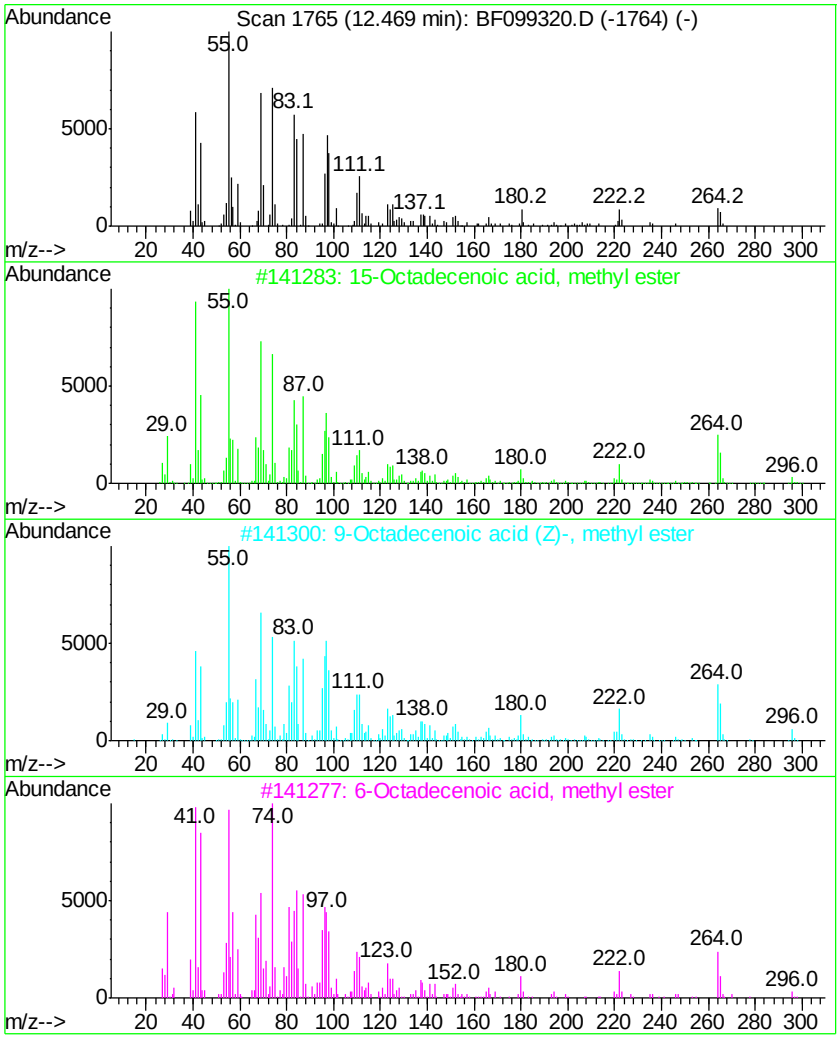
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

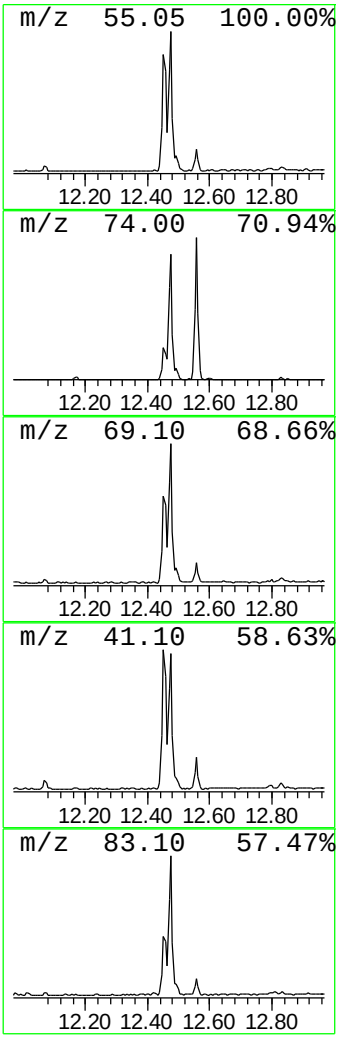
****

Peak Number 20 15-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	29.63 ng	766063	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	94
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099320.D
Acq On : 11 Oct 2017 00:40
Operator : SJ/JU
Sample : I5745-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100617-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	6.39	13.1	ng	487433	1	6.86	744565	20.0
Decane	6.69	41.8	ng	1555100	1	6.86	744565	20.0
Cyclohexane, butyl-	7.00	12.5	ng	464804	1	6.86	744565	20.0
Benzene, 1-methyl...	7.13	11.6	ng	433215	1	6.86	744565	20.0
Decane, 3-methyl-	7.24	16.2	ng	603592	1	6.86	744565	20.0
unknown7.50	7.50	10.9	ng	413006	2	8.15	759889	20.0
Undecane, 5-methyl-	7.82	11.3	ng	429750	2	8.15	759889	20.0
Undecane, 2-methyl-	7.89	17.8	ng	676130	2	8.15	759889	20.0
Undecane, 2,6-dim...	8.20	15.1	ng	573047	2	8.15	759889	20.0
unknown8.43	8.43	14.2	ng	538242	2	8.15	759889	20.0
Dodecane, 2,6,11-...	8.56	13.4	ng	507968	2	8.15	759889	20.0
Nonane, 5-butyl-	8.73	26.9	ng	1021050	2	8.15	759889	20.0
3,5-Dimethyldodecane	9.09	11.2	ng	331808	3	9.90	591089	20.0
Dodecane, 2,6,10-...	9.16	10.2	ng	301779	3	9.90	591089	20.0
Tetradecane	9.29	26.5	ng	783068	3	9.90	591089	20.0
Hexadecane	9.61	12.1	ng	358813	3	9.90	591089	20.0
Hexadecanoic acid...	11.77	17.2	ng	444701	4	11.39	517035	20.0
9,12-Octadecadien...	12.45	44.0	ng	1138040	4	11.39	517035	20.0
15-Octadecenoic a...	12.47	29.6	ng	766063	4	11.39	517035	20.0