LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098633.D
Acq On : 19 Sep 2017 6:26
Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

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-BF091117.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	4.816	461	464	475	rVB	245655	377266	6.07%	0.267%
2	4.998	490	495	499	rBV	68490	83374	1.34%	0.059%
3	5.245	533	537	551	rBV	3004675	3078144	49.50%	2.180%
4	5.622	594	601	607	rBV2	148782	245586	3.95%	0.174%
5	5.692	607	613	615	rBV3	84607	142526	2.29%	0.101%
6	5.769	623	626	631	rVB	244354	224144	3.60%	0.159%
7	5.822	631	635	640	rBV4	109827	211428	3.40%	0.150%
8	5.869	640	643	649	rVB2	394419	465918	7.49%	0.330%
9	5.928	649	653	655	rBV	235329	226278	3.64%	0.160%
10	5.957	655	658	661	rBV3	99915	123204	1.98%	0.087%
11	6.063	670	676	679	rBV2	425895	553430	8.90%	0.392%
12	6.151	688	691	695	rBV2	310668	363479	5.85%	0.257%
13	6.181	695	696	701	rVB	244391	236864	3.81%	0.168%
14	6.239	701	706	707	rBV3	101415	170489	2.74%	0.121%
15	6.292	710	715	719	rBV	2936124	3296489	53.02%	2.334%
16	6.322	719	720	724	rVB2	190866	174350	2.80%	0.123%
17	6.369	724	728	731	rBV2	488879	661581	10.64%	0.469%
18	6.410	731	735	738	rVB	3610717	3208529	51.60%	2.272%
19	6.486	741	748	751	rBV3	390683	627090	10.09%	0.444%
20	6.522	751	754	755	rBV2	109138	122467	1.97%	0.087%
21	6.575	755	763	765	rBV3	288839	584523	9.40%	0.414%
22	6.598	765	767	769	rBV3	183563	182849	2.94%	0.129%
23	6.634	769	773	775	rBV2	849116	1001946	16.11%	0.710%
24	6.651	775	776	779	rVB	1221815	931305	14.98%	0.660%
25	6.692	779	783	786	rBV2	740250	918823	14.78%	0.651%
26	6.728	786	789	791	rBV3	249993	237210	3.81%	0.168%
27	6.757	791	794	796	rBV	866554	833919	13.41%	0.591%
28	6.792	796	800	803	rVV3	2591738	2994799	48.16%	2.121%
29	6.816	803	804	807	rVB	618064	375487	6.04%	0.266%
30	6.845	807	809	811	rBV	448892	540055	8.69%	0.382%
31	6.869	811	813	815	rVV2	328218	297206	4.78%	0.210%
32	6.916	817	821	824	rVB4	728175	1097790	17.66%	0.777%
33	6.951	824	827	830	rVB3	349639	325094	5.23%	0.230%
34	6.986	830	833	837	rBV3	599074	829723	13.34%	0.588%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

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-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.028	837	840	842	rBV	1253515	1091718	17.56%	0.773%
36	7.057	842	845	848	rBV2	358660	468831	7.54%	0.332%
37	7.116	853	855	858	rBV2	258926	214967	3.46%	0.152%
38	7.181	858	866	868	rBV2	1920606	2947051	47.40%	2.087%
39	7.210	868	871	875	rVB2	1792734	1922401	30.92%	1.361%
40	7.286	879	884	888	rVB4	1225092	2383616	38.33%	1.688%
41	7.333	888	892	893	rBV2	998569	1116179	17.95%	0.790%
42	7.357	894	896	900	rVB2	1150643	1241938	19.97%	0.880%
43	7.445	900	911	915	rBV3	2774429	5311940	85.43%	3.762%
44	7.486	915	918	920	rBV2	537957	560663	9.02%	0.397%
45	7.545	922	928	930	rBV3	2020108	3538129	56.90%	2.506%
46	7.563	930	931	935	rVB3	1984178	1567791	25.21%	1.110%
47	7.616	935	940	947	rBV3	1635103	3303773	53.13%	2.340%
48	7.692	948	953	955	rBV3	903495	1344785	21.63%	0.952%
49	7.751	958	963	967	rBV2	1376581	1913085	30.77%	1.355%
50	7.798	967	971	972	rBV3	614968	887417	14.27%	0.628%
51	7.833	975	977	979	rVB2	714845	552957	8.89%	0.392%
52	7.886	981	986	987	rBV2	1328242	1427316	22.95%	1.011%
53	7.910	987	990	992	rBV3	1234298	1407193	22.63%	0.997%
54	7.957	996	998	1000	rBV2	599985	564614	9.08%	0.400%
55	8.004	1000	1006	1008	rVB	4125254	4432927	71.29%	3.139%
56	8.028	1008	1010	1012	rBV3	864639	821893	13.22%	0.582%
57	8.098	1017	1022	1024	rBV2	1083569	1587898	25.54%	1.125%
58	8.133	1026	1028	1032	rBV4	680294	849758	13.67%	0.602%
59	8.228	1037	1044	1047	rBV5	2540867	5202543	83.67%	3.684%
60	8.280	1051	1053	1057	rVB3	1525513	1456574	23.43%	1.032%
61	8.322	1057	1060	1062	rBV2	1205335	1132849	18.22%	0.802%
62	8.363	1062	1067	1072	rBV2	3875674	6218010	100.00%	4.403%
63	8.475	1082	1086	1087	rBV2	1128067	1198487	19.27%	0.849%
64	8.492	1087	1089	1091	rVV2	1068479	1055773	16.98%	0.748%
65	8.528	1092	1095	1099	rVV3	1825830	2959867	47.60%	2.096%
66	8.569	1100	1102	1104	rVV2	1714361	2115314	34.02%	1.498%
67	8.592	1104	1106	1108	rVV2	2002471	2230563	35.87%	1.580%
68	8.627	1109	1112	1114	rVB2	2383078	2746127	44.16%	1.945%
69	8.792	1137	1140	1141	rBV	1065342	879041	14.14%	0.623%
70	8.816	1141	1144	1145	rVV2	1416537	1459286	23.47%	1.033%
71	8.845	1146	1149	1153	rVB	2584992	2820811	45.37%	1.998%

LSC Area Percent Report

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Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.963	1166	1169	1171	rVB	3209775	2693688	43.32%	1.908%
73	9.010	1174	1177	1179	rVB	2550982	2421737	38.95%	1.715%
74	9.039	1180	1182	1184	rBV2	535124	555736	8.94%	0.394%
75	9.110	1192	1194	1196	rVB2	1356341	986024	15.86%	0.698%
76	9.210	1209	1211	1214	rVB2	1152630	976778	15.71%	0.692%
77	9.286	1221	1224	1226	rVB	1157124	997629	16.04%	0.706%
78	9.369	1236	1238	1240	rBV3	604261	494989	7.96%	0.351%
79	9.422	1243	1247	1249	rVV	5047018	5773184	92.85%	4.088%
80	9.445	1249	1251	1253	rVB2	1394581	1109823	17.85%	0.786%
81	9.498	1258	1260	1262	rBV2	803927	728929	11.72%	0.516%
82	9.592	1273	1276	1279	rVB2	1498899	1334218	21.46%	0.945%
83	9.663	1285	1288	1289	rBV	1646741	1300294	20.91%	0.921%
84	9.727	1297	1299	1300	rBV	935598	674086	10.84%	0.477%
85	9.792	1308	1310	1313	rVB	998949	1001169	16.10%	0.709%
86	9.845	1317	1319	1323	rVV2	813927	795845	12.80%	0.564%
87	9.886	1323	1326	1328	rVV2	864609	812526	13.07%	0.575%
88	9.945	1333	1336	1342	rVB2	1910647	2064844	33.21%	1.462%
89	10.345	1400	1404	1407	rVB	3045014	3203822	51.52%	2.269%
90	10.451	1420	1422	1424	rBV3	666255	553034	8.89%	0.392%
91	10.474	1424	1426	1428	rVV	716855	528756	8.50%	0.374%
92	10.610	1444	1449	1456	rBV	3293437	4737818	76.20%	3.355%
93	11.069	1524	1527	1533	rVB	2301501	2810568	45.20%	1.990%
94	11.169	1541	1544	1552	rVB3	805053	1415012	22.76%	1.002%
95	11.416	1583	1586	1589	rVB	848346	835670	13.44%	0.592%
96	12.739	1806	1811	1814	rBV	2043279	1957518	31.48%	1.386%
97	13.633	1960	1963	1967	rVB	129038	146538	2.36%	0.104%
98	13.786	1985	1989	1993	rBV	858035	776106	12.48%	0.550%
99	15.180	2222	2226	2232	rVB	581641	706405	11.36%	0.500%
100	16.162	2391	2393	2401	rVB3	83796	138240	2.22%	0.098%

Sum of corrected areas: 141208436

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098633.D
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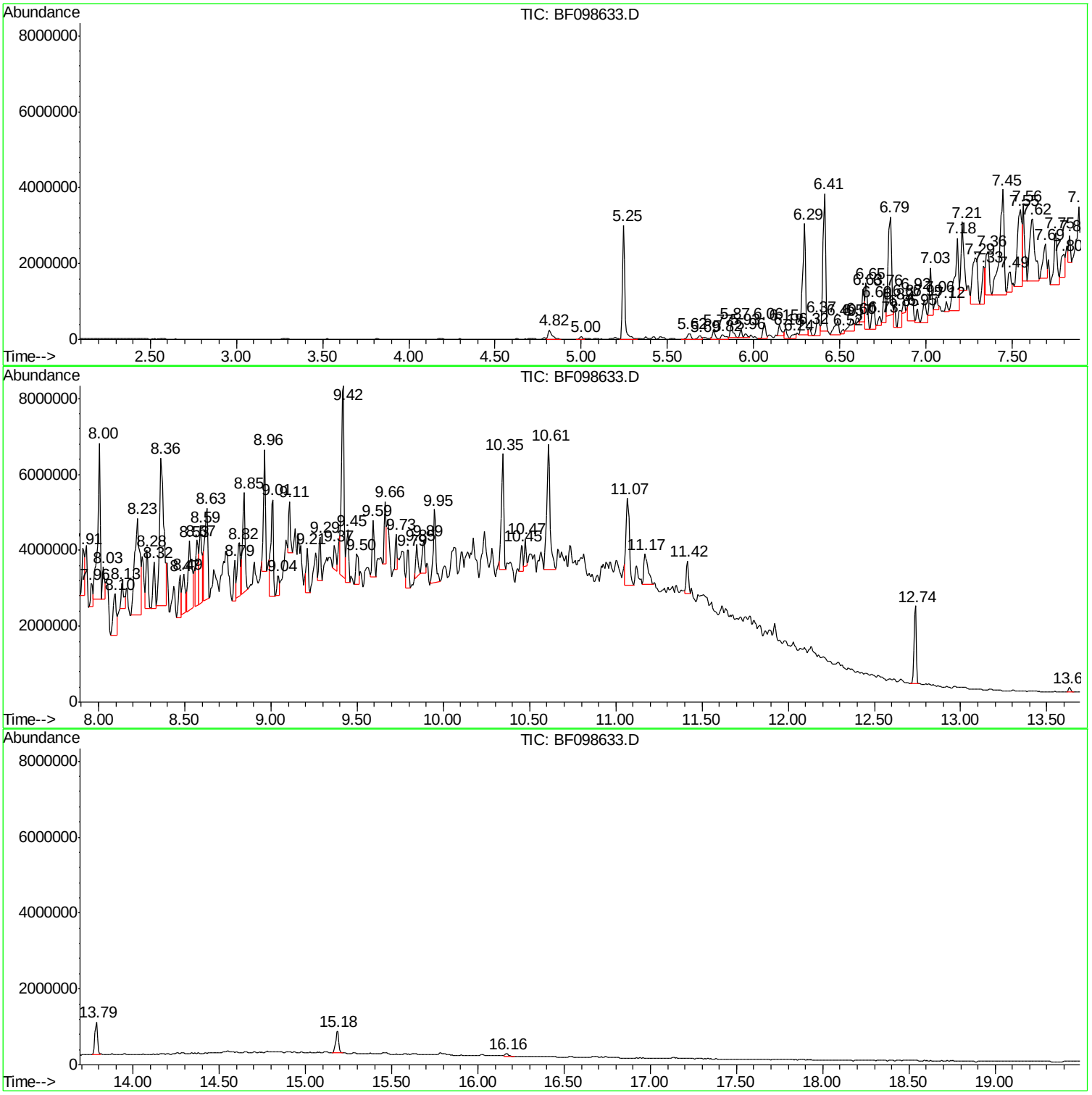
Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

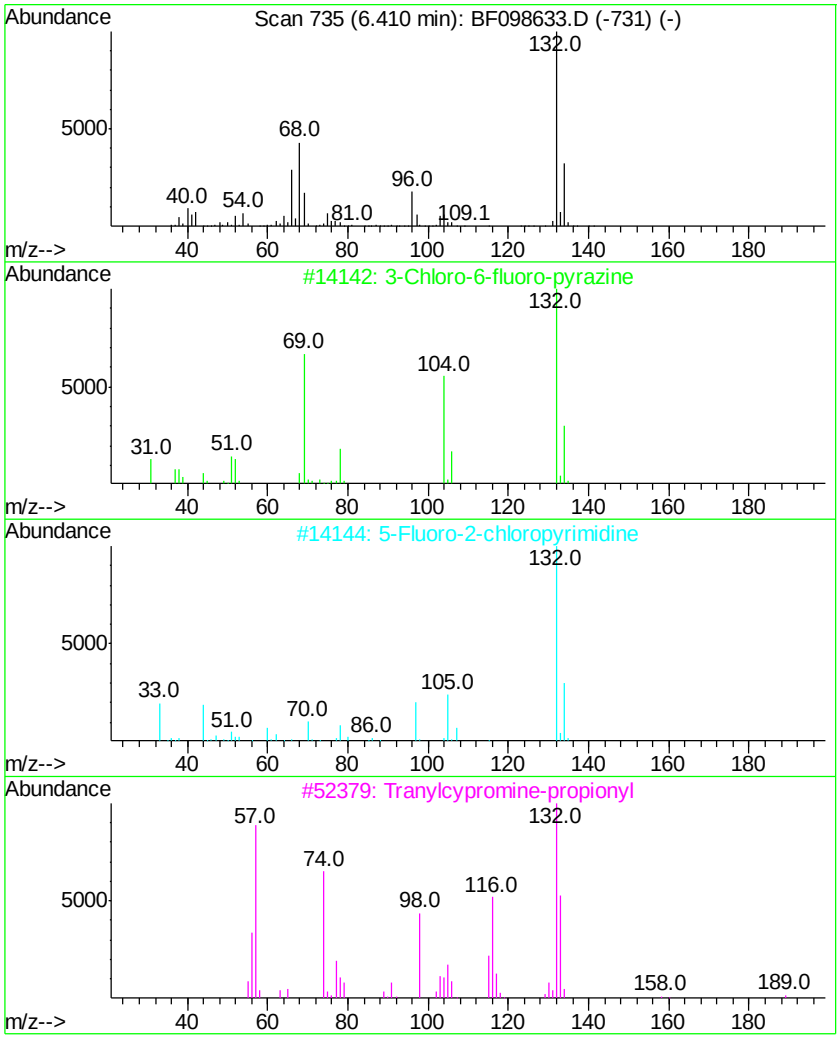
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

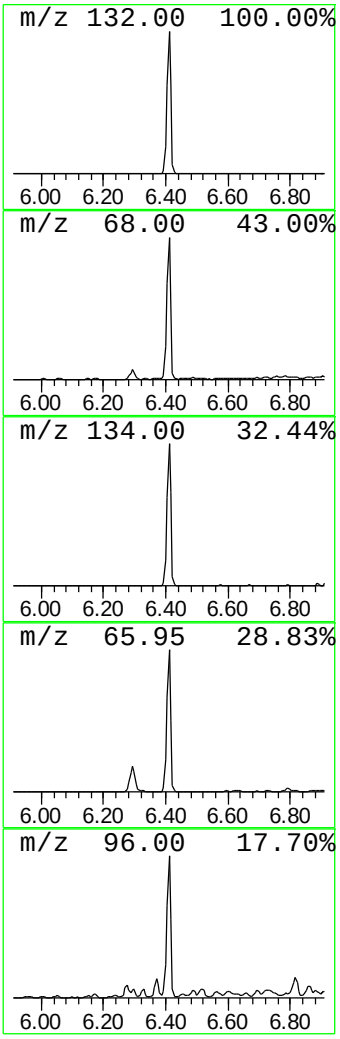
****

Peak Number 1 unknown6.41 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	64.05 ng	3208530	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Sample : I5265-09
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Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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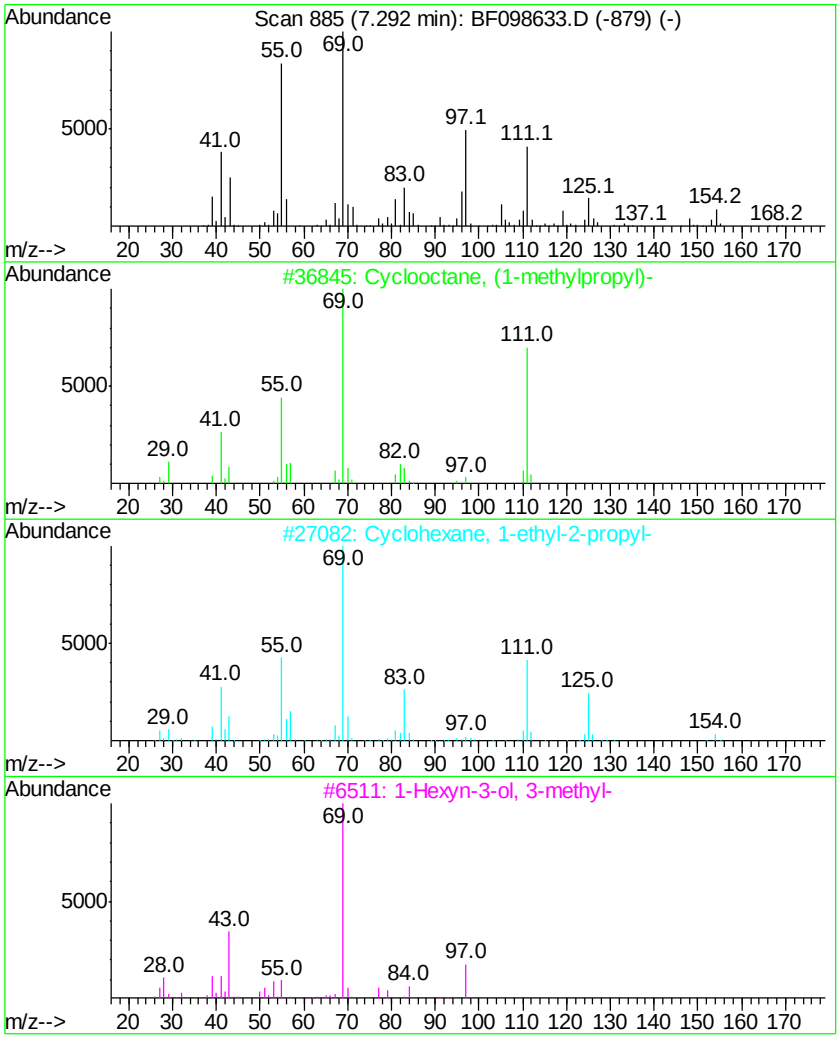
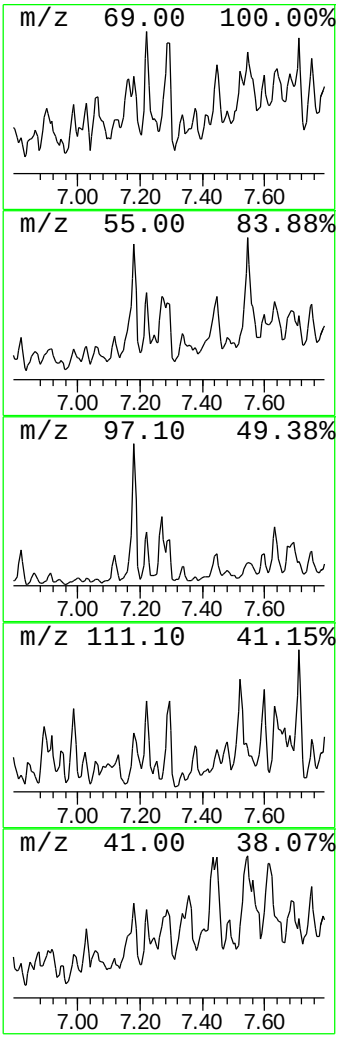
****

Peak Number 3 unknown7.29 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	33.88 ng	2383620	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
3	1-Hexyn-3-ol, 3-methyl-	112	C7H12O	004339-05-3	43
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	38
5	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	35





Library Search Compound Report

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

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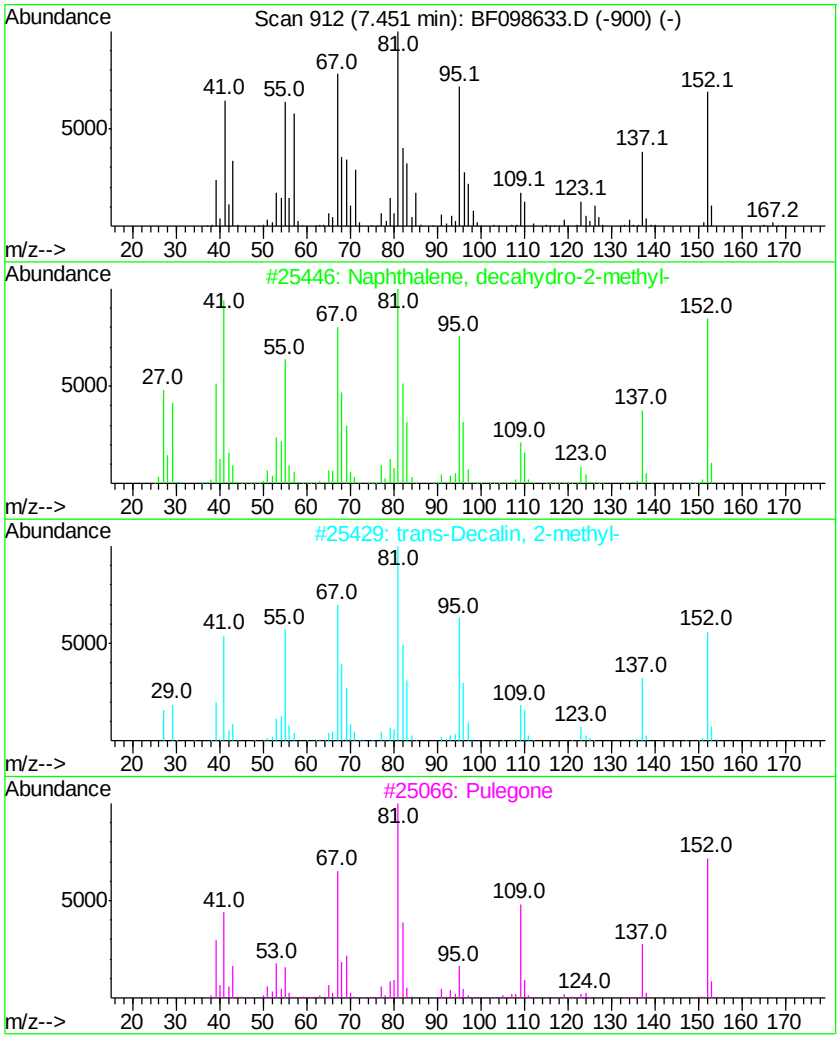
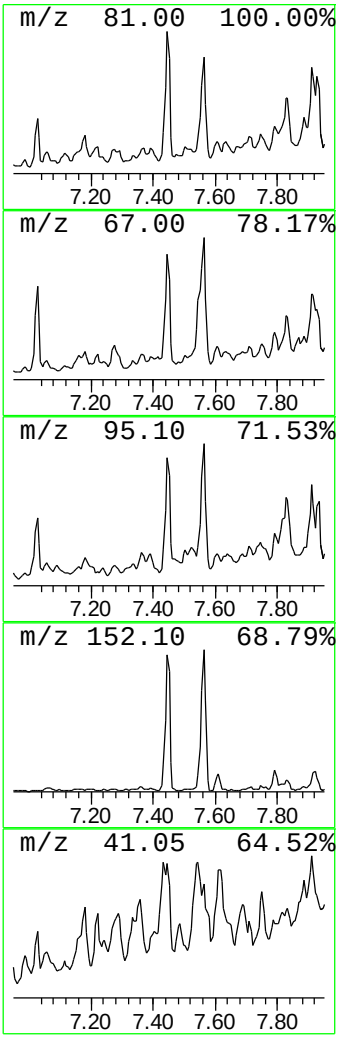
Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	75.50 ng	5311940	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	99
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	98
3	Pulegone	152	C10H16O	000089-82-7	76
4	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	70
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68





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

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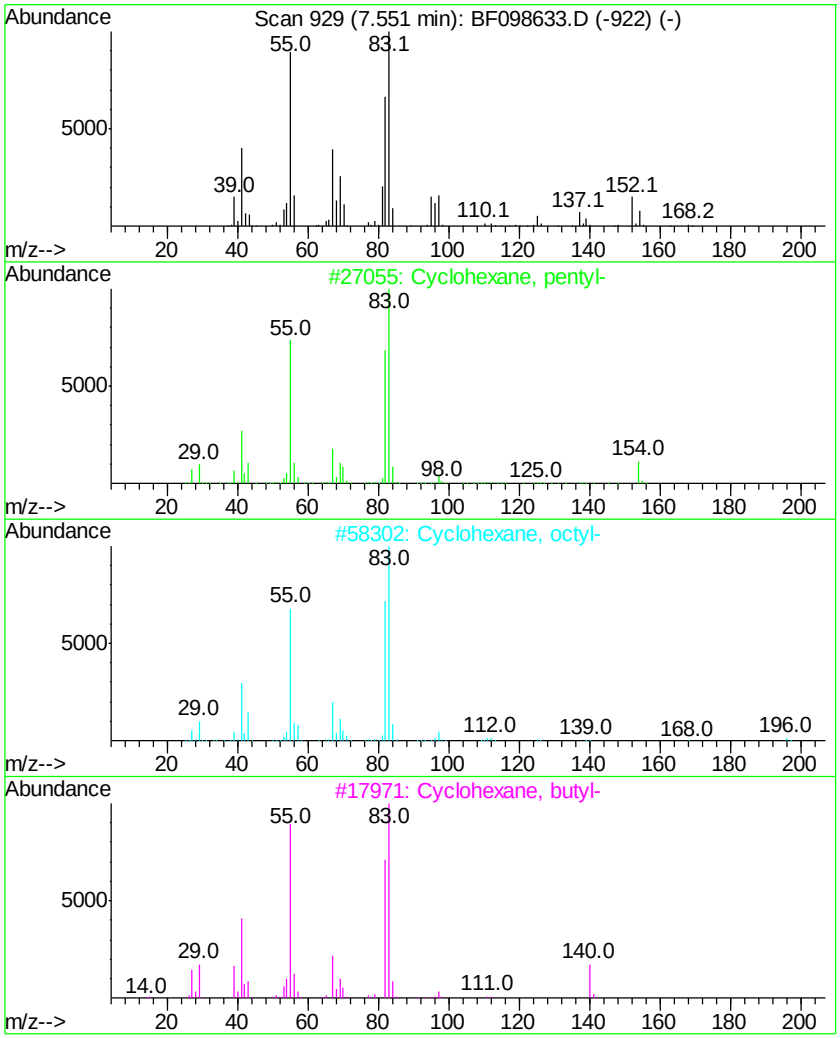
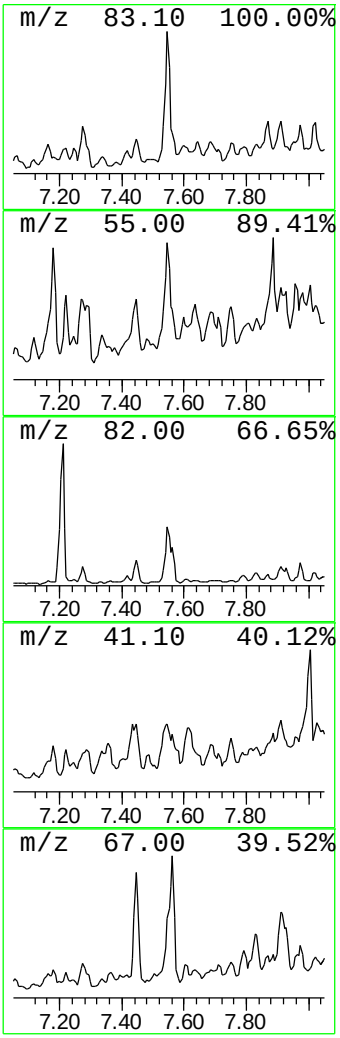
Peak Number 5 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	50.29 ng	3538130	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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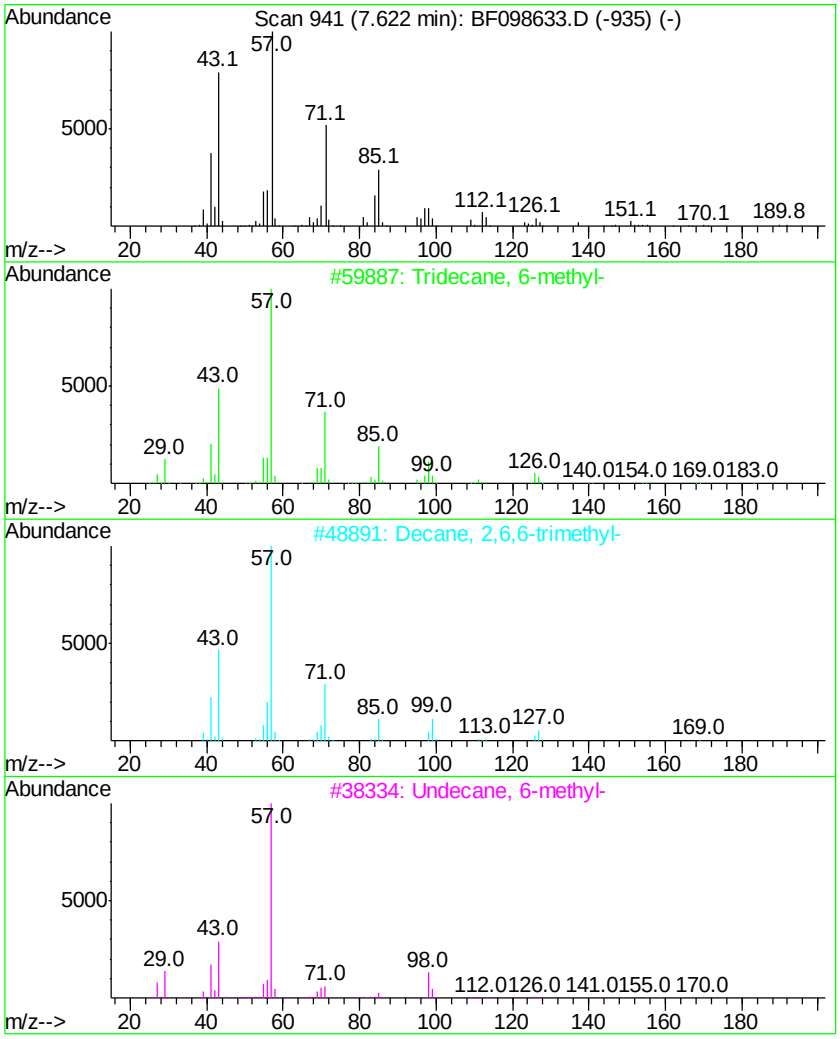
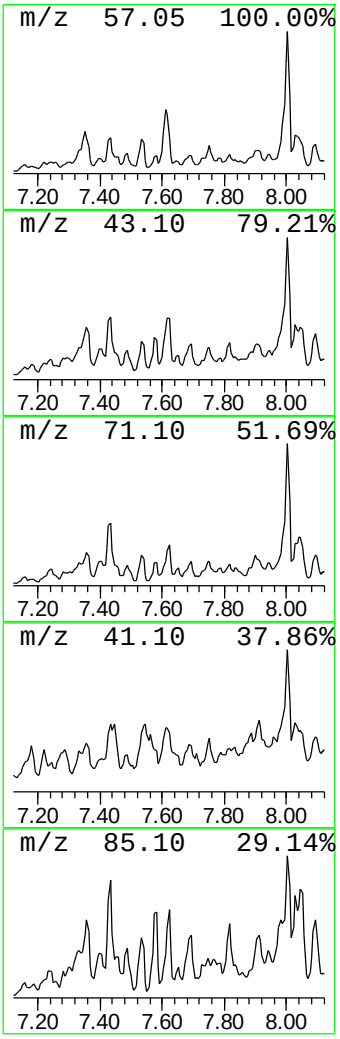
Peak Number 6 Tridecane, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	46.96 ng	3303770	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	49
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
5	Tetradecane	198	C14H30	000629-59-4	47





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Acq On : 19 Sep 2017 6:26
Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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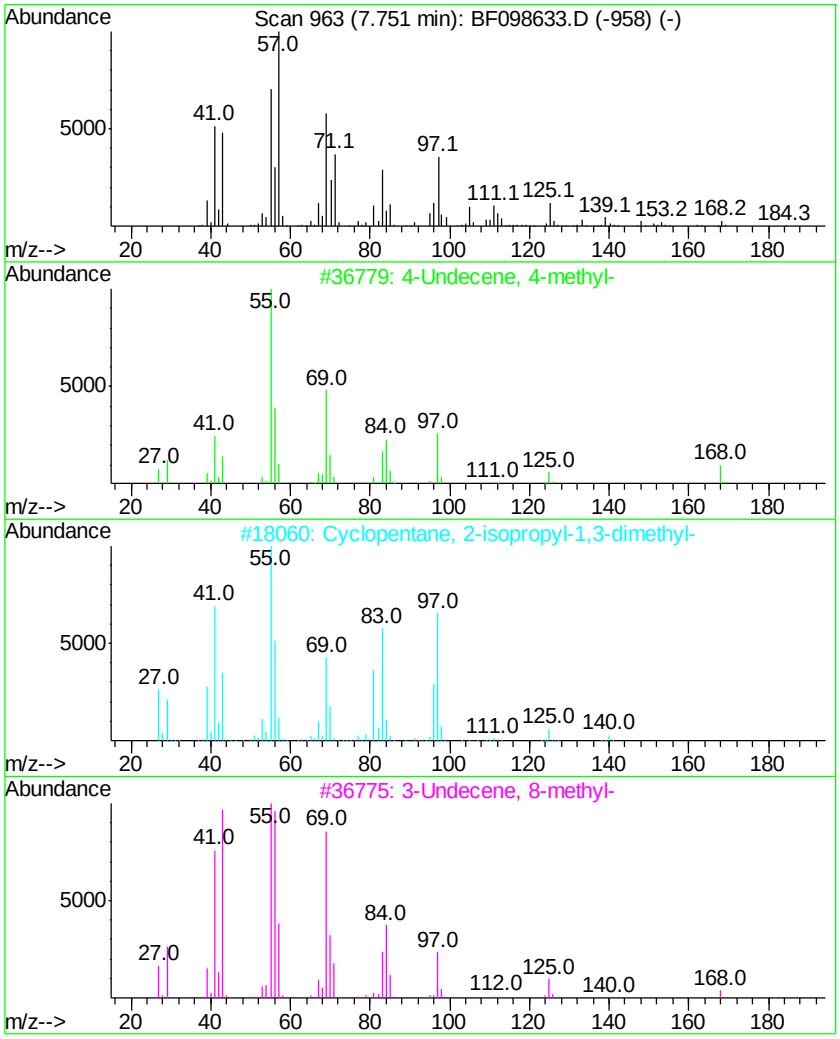
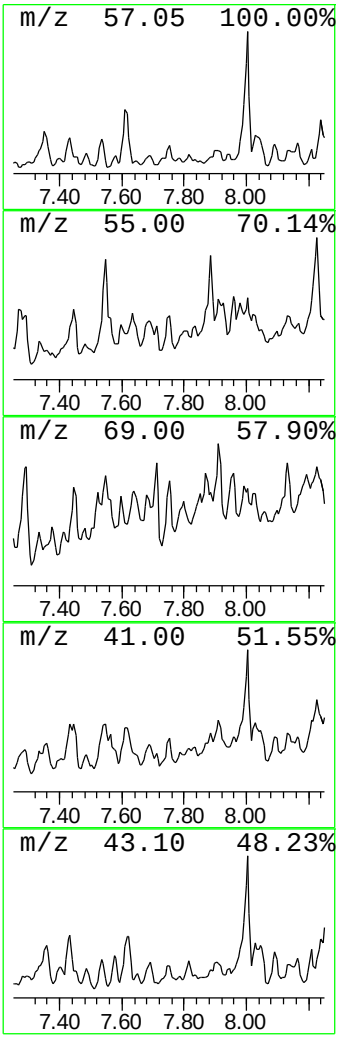
Peak Number 7 4-Undecene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	27.19 ng	1913090	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	53
2	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	43
3	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	41
4	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	38
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	30





Library Search Compound Report

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Sample : I5265-09
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ClientSampleId : TP-15D68

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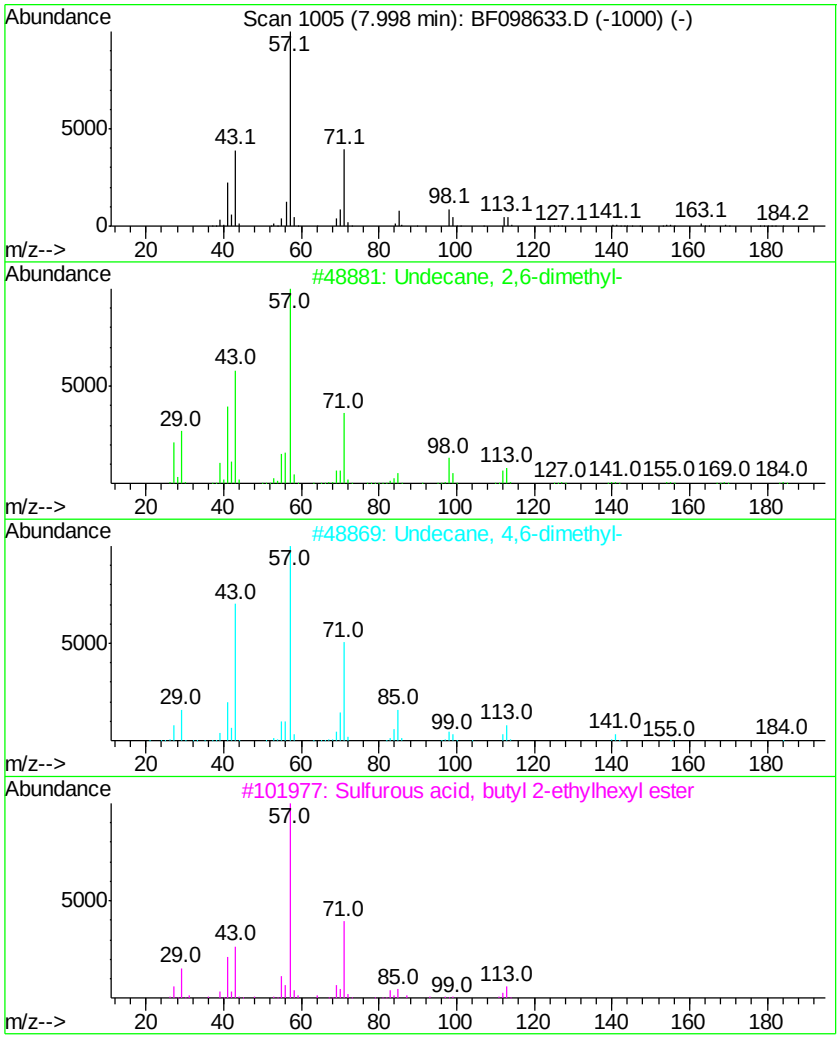
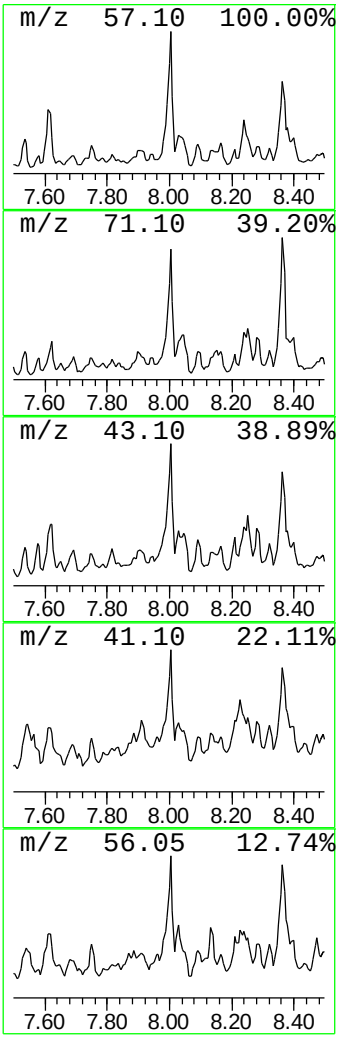
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	63.00 ng	4432930	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62





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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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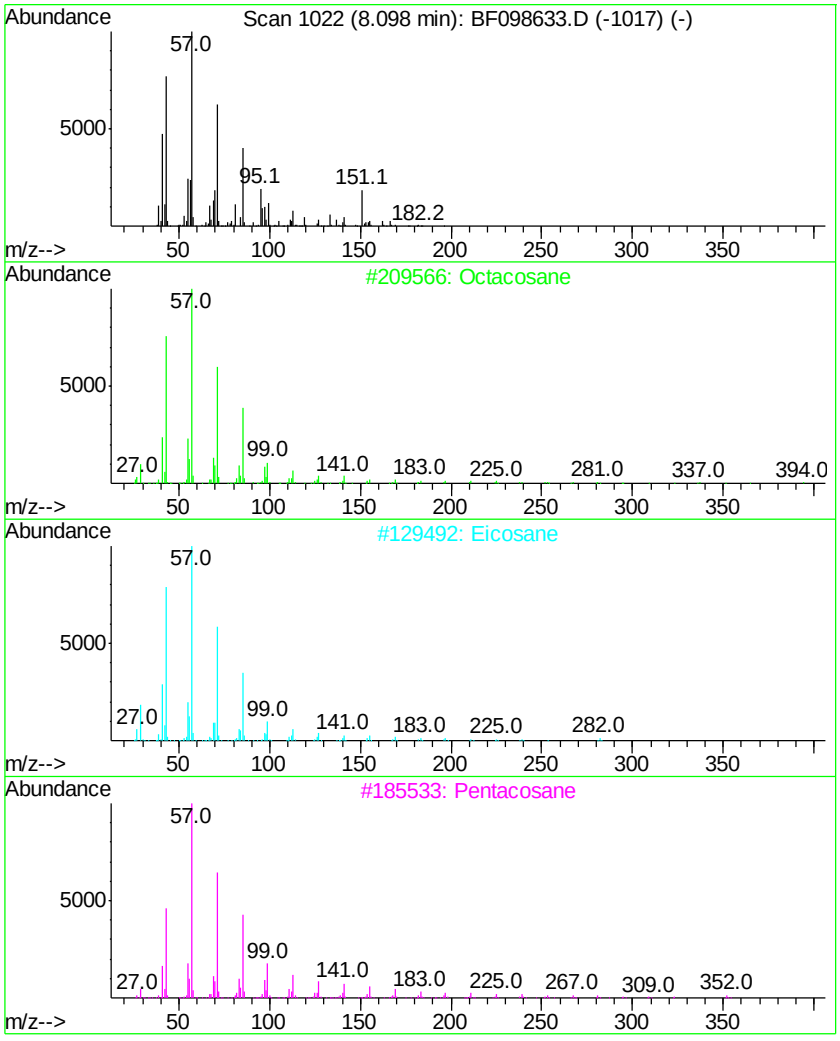
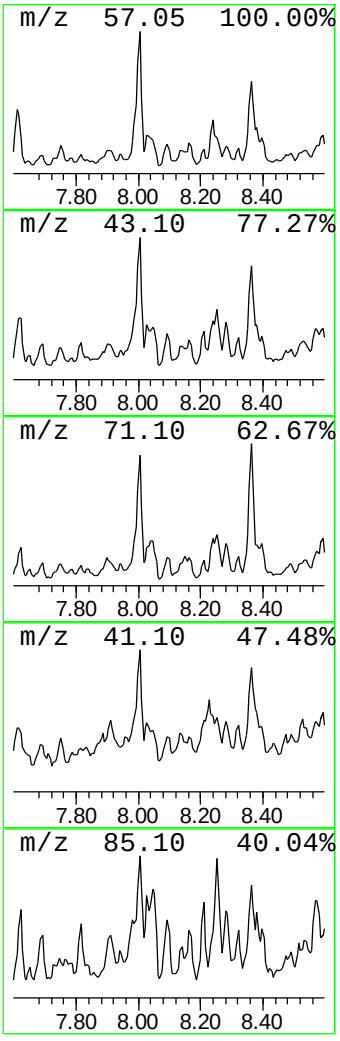
Peak Number 9 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	22.57 ng	1587900	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	58
2	Eicosane	282	C20H42	000112-95-8	58
3	Pentacosane	352	C25H52	000629-99-2	53
4	Hexacosane	366	C26H54	000630-01-3	53
5	Heneicosane	296	C21H44	000629-94-7	53





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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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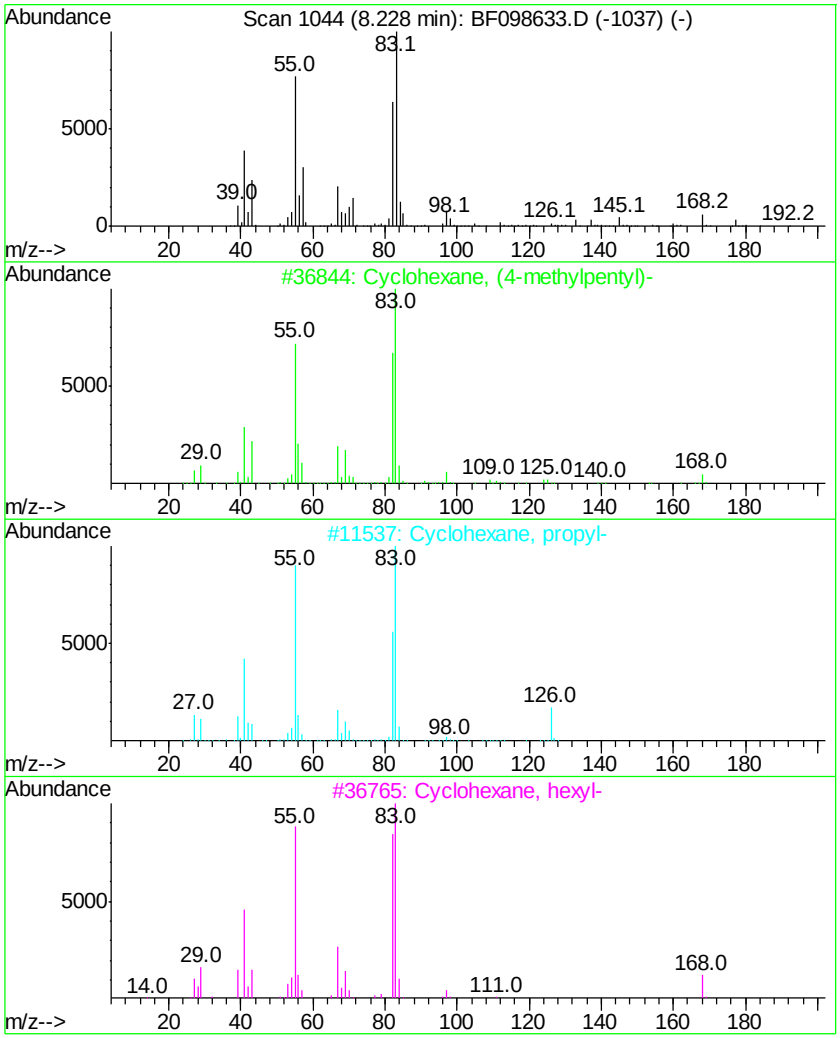
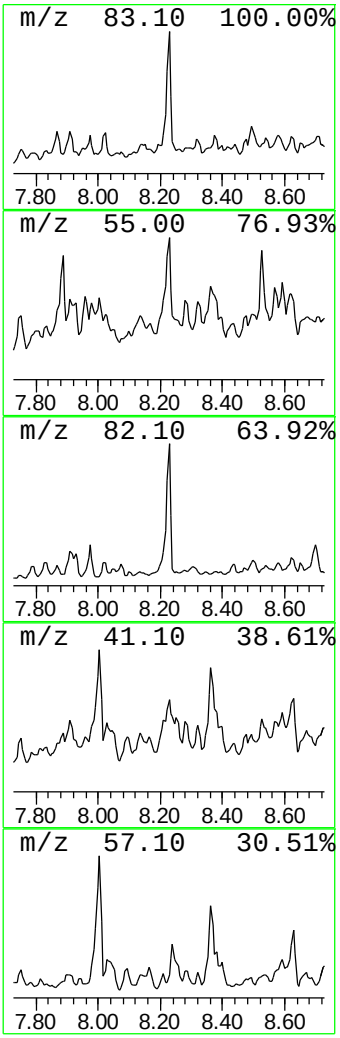
Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	73.94 ng	5202540	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	86
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	78
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78





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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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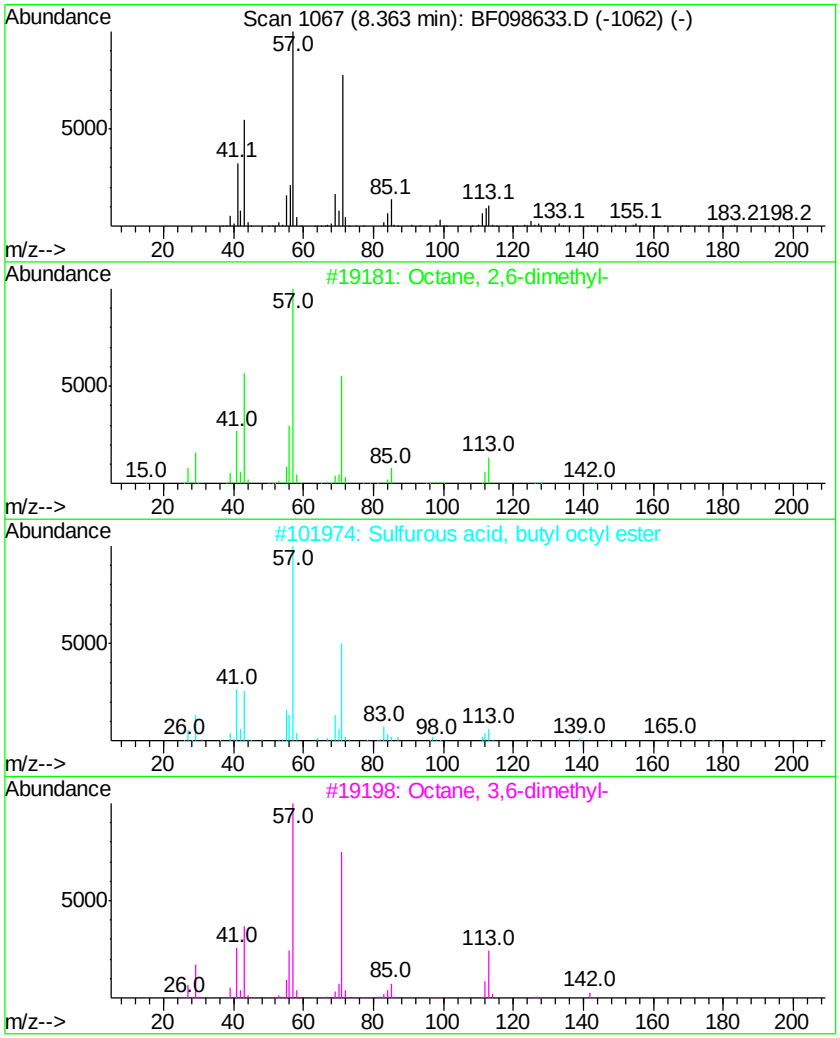
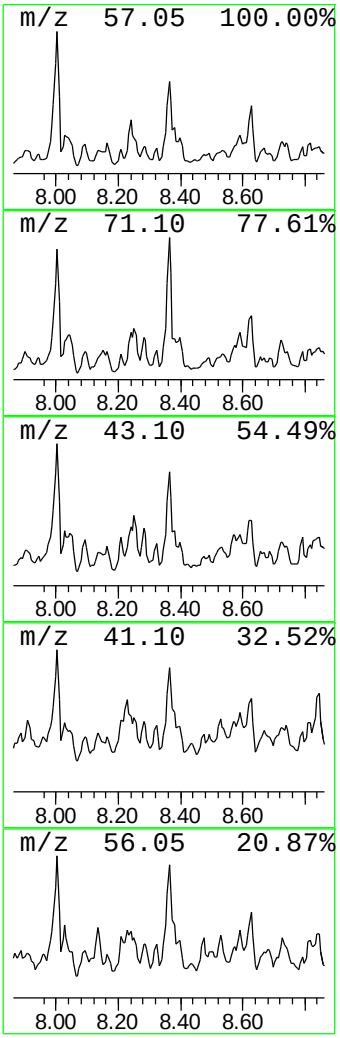
Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	88.37 ng	6218010	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64





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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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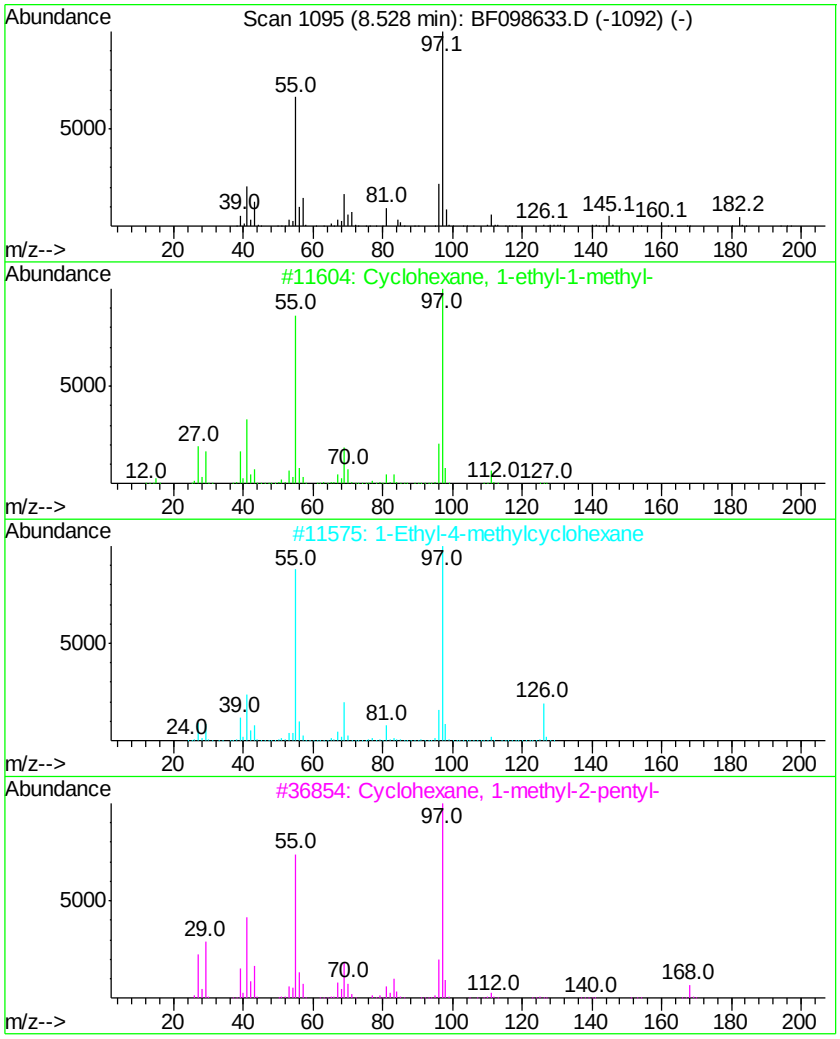
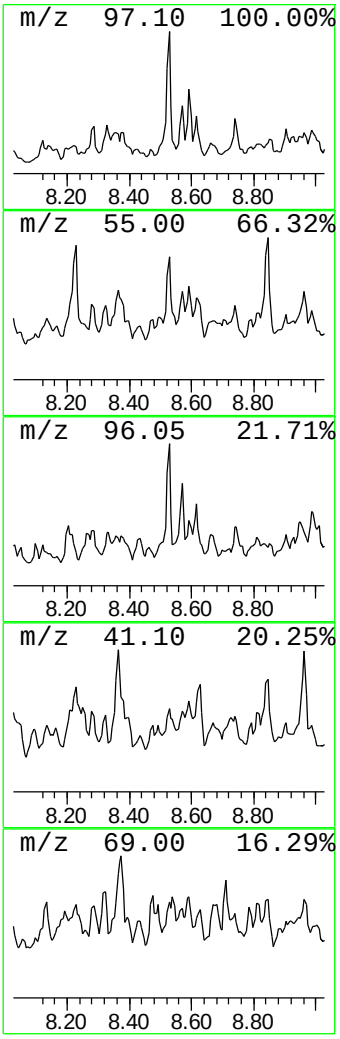
Peak Number 12 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	42.07 ng	2959870	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
3	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	56
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53
5	7-Tridecanol	200	C13H28O	000927-45-7	53





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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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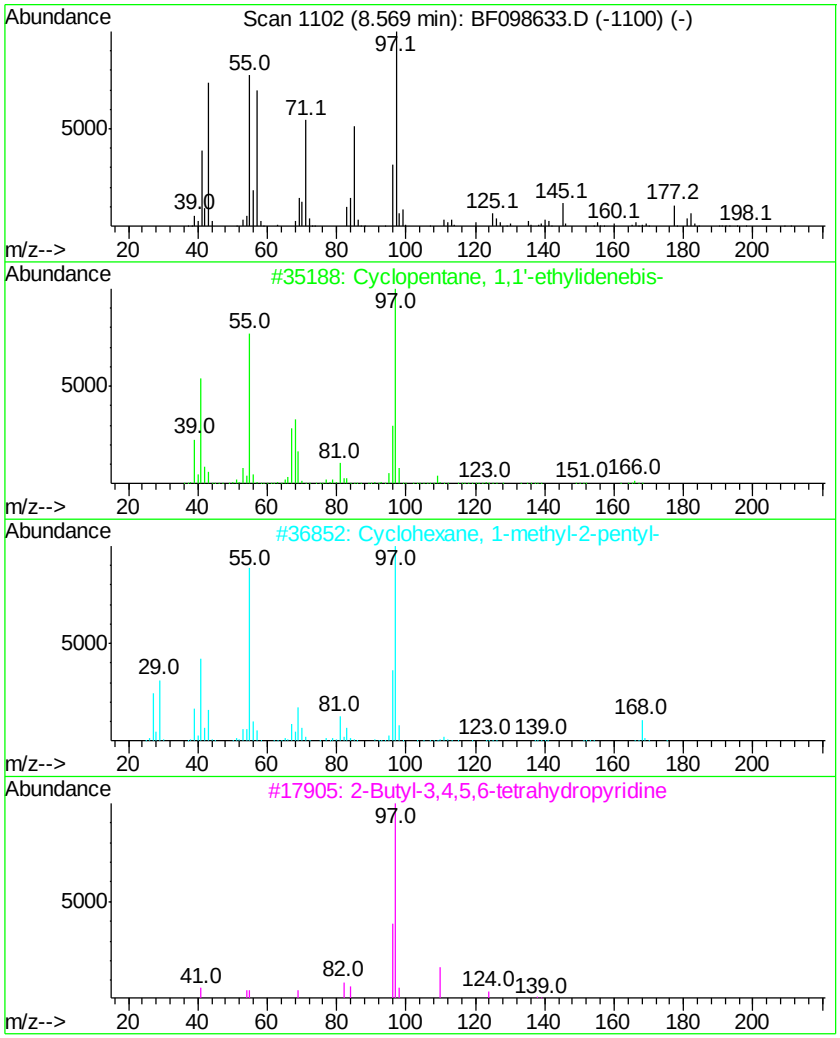
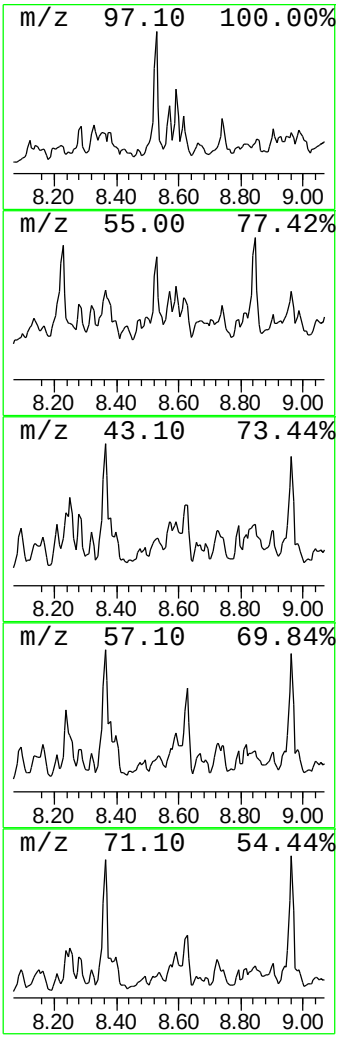
Peak Number 13 unknown8.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	30.06 ng	2115310	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	43
2	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	38
3	2-Butyl-3,4,5,6-tetrahydropyridine	139	C9H17N	001462-94-8	35
4	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	30
5	Nonadecane	268	C19H40	000629-92-5	27





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

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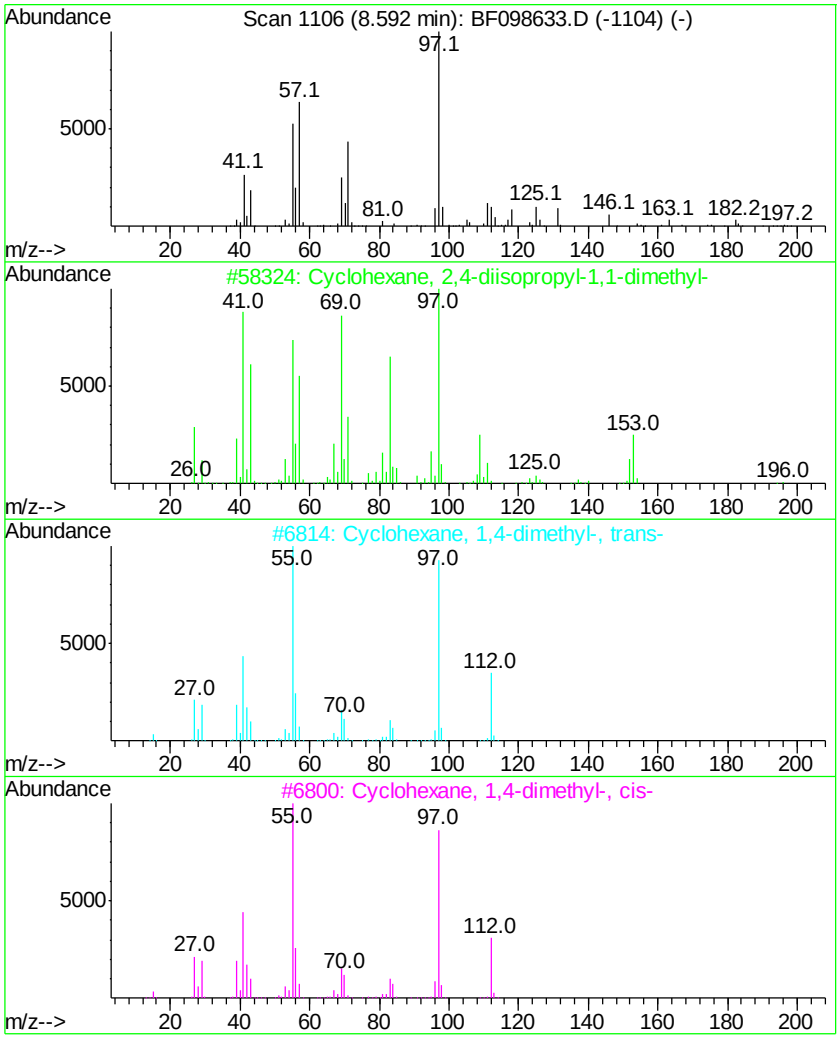
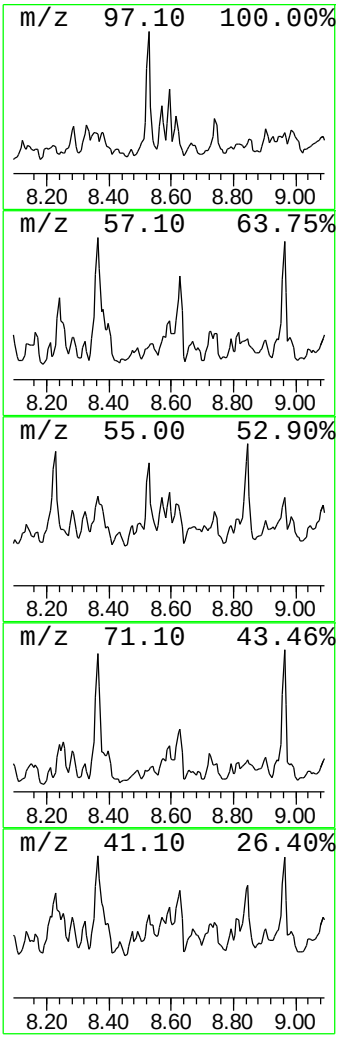
Peak Number 14 Cyclohexane, 2,4-diisopropy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	31.70 ng	2230560	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	64
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	38
5	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	38





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

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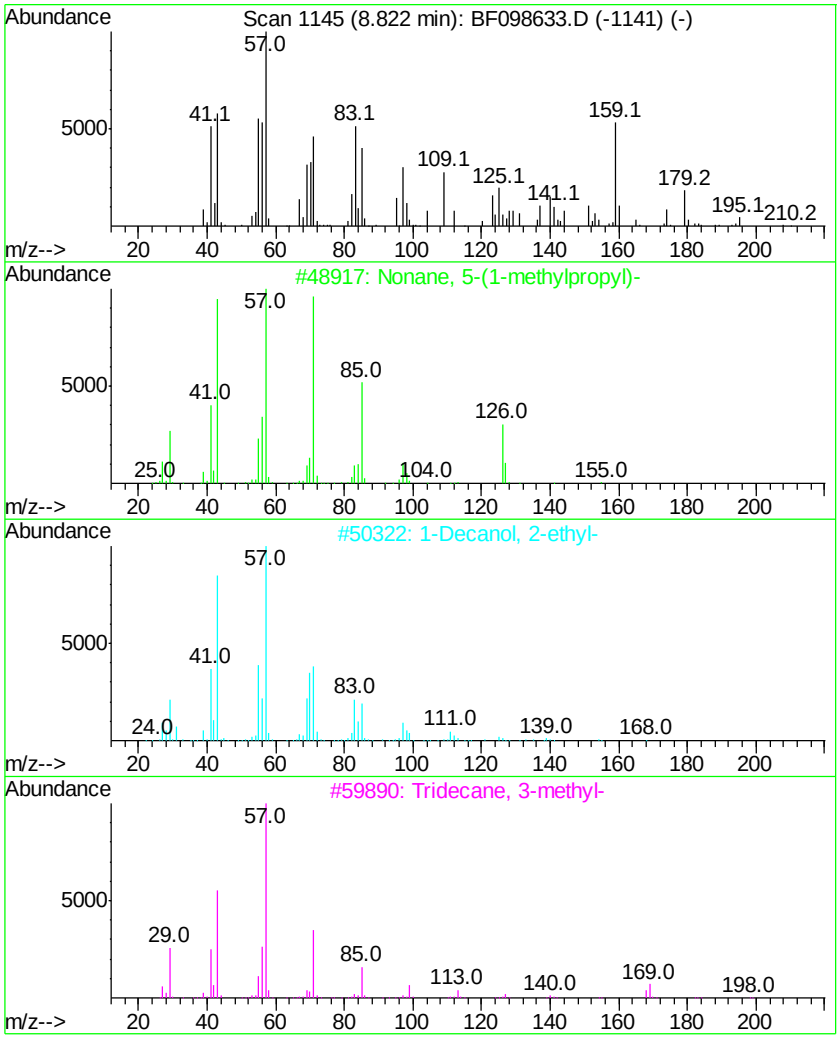
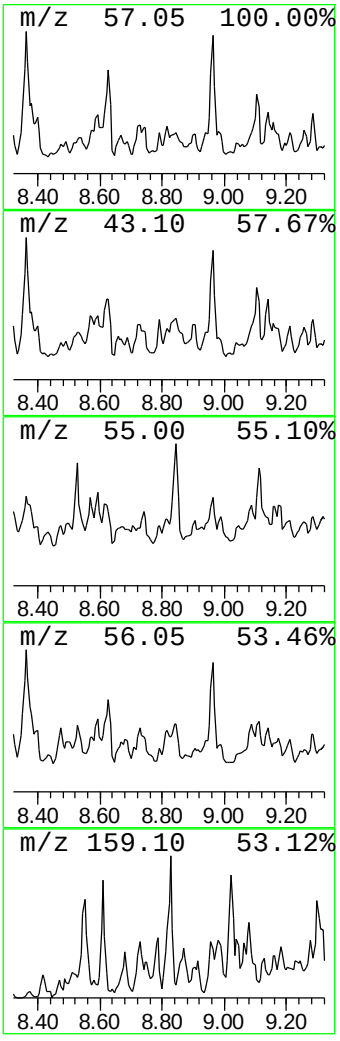
Peak Number 15 unknown8.82 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	22.45 ng	1459290	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	14
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	14
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	11
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	11
5	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	10





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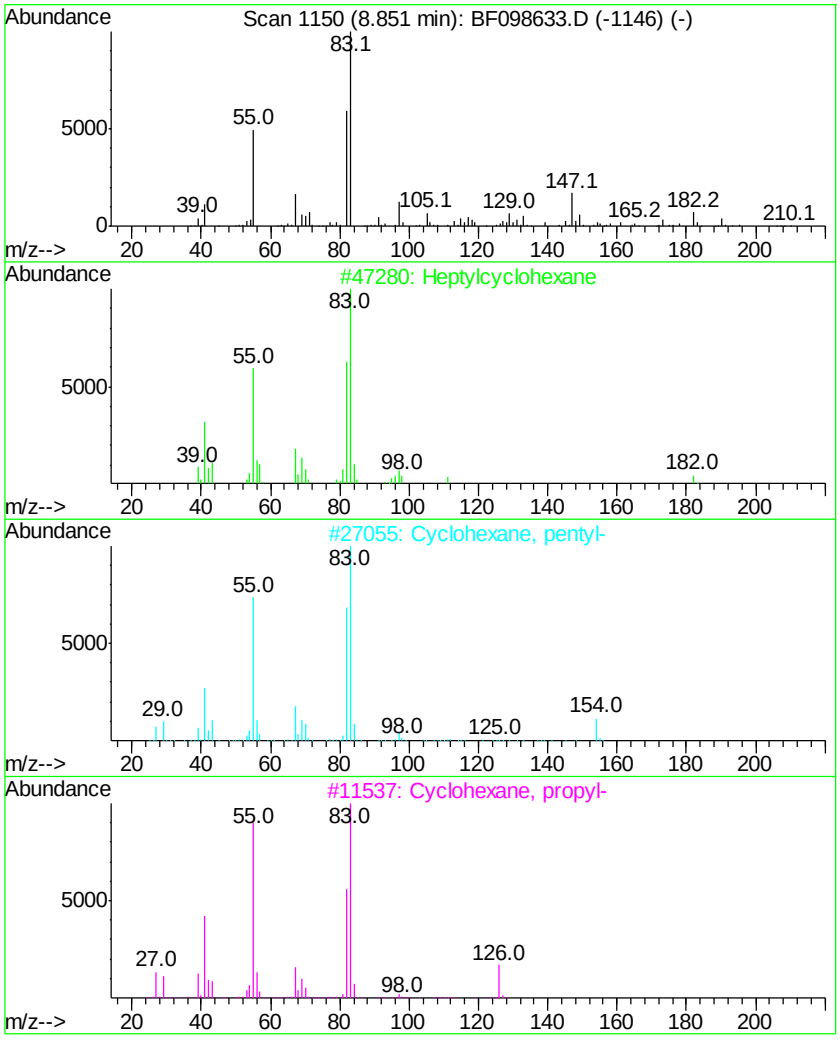
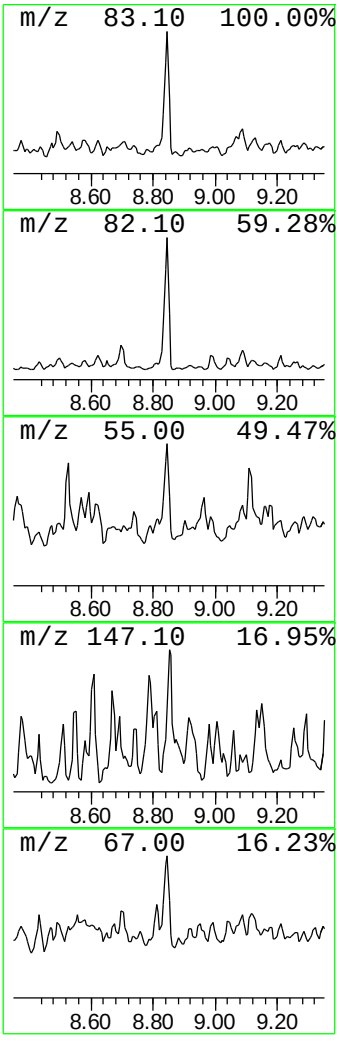
Peak Number 16 Heptylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	43.39 ng	2820810	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	90
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





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TIC Integration Parameters: LSCINT.P

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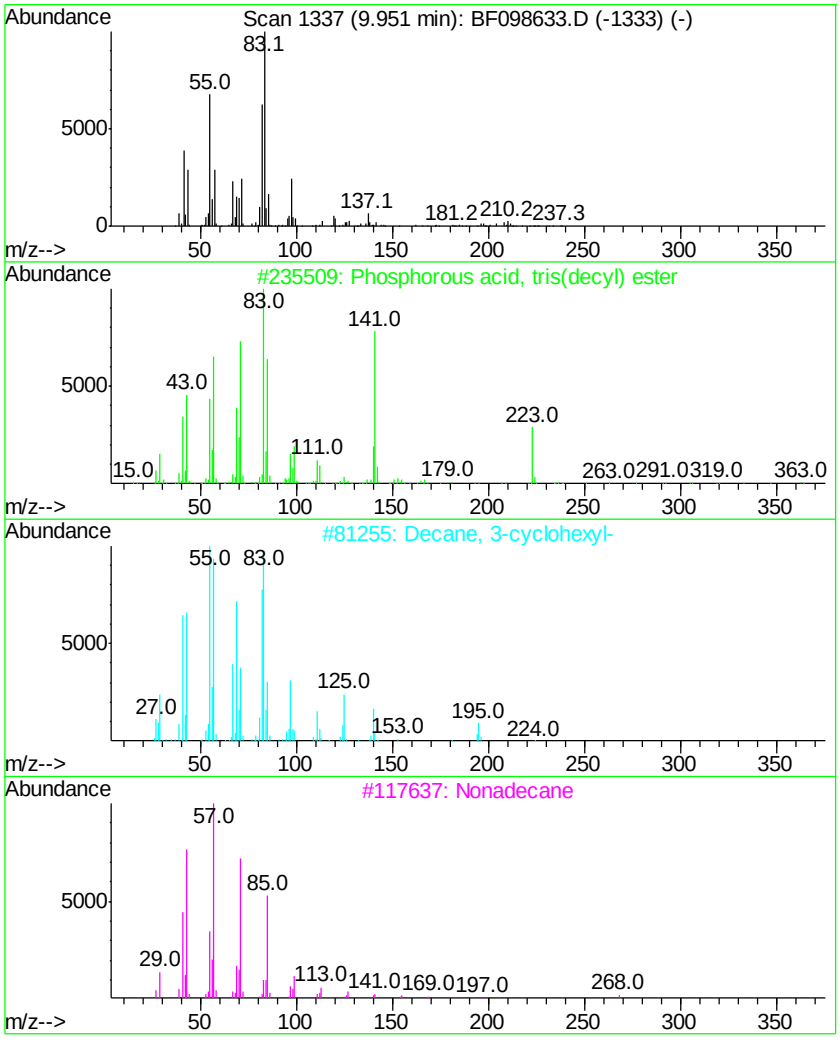
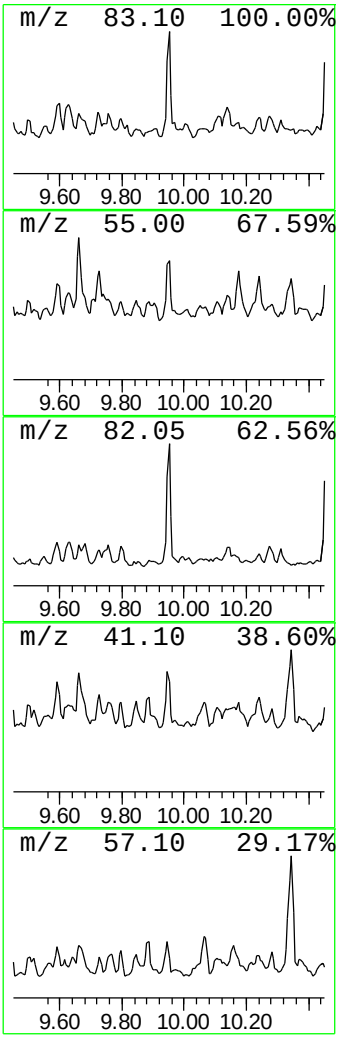
Peak Number 17 Phosphorous acid, tris(decy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	31.76 ng	2064840	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	64
2	Decane, 3-cyclohexyl-	224	C16H32	013151-74-1	49
3	Nonadecane	268	C19H40	000629-92-5	45
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	45
5	Tetradecane	198	C14H30	000629-59-4	38





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ALS Vial : 37 Sample Multiplier: 1

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

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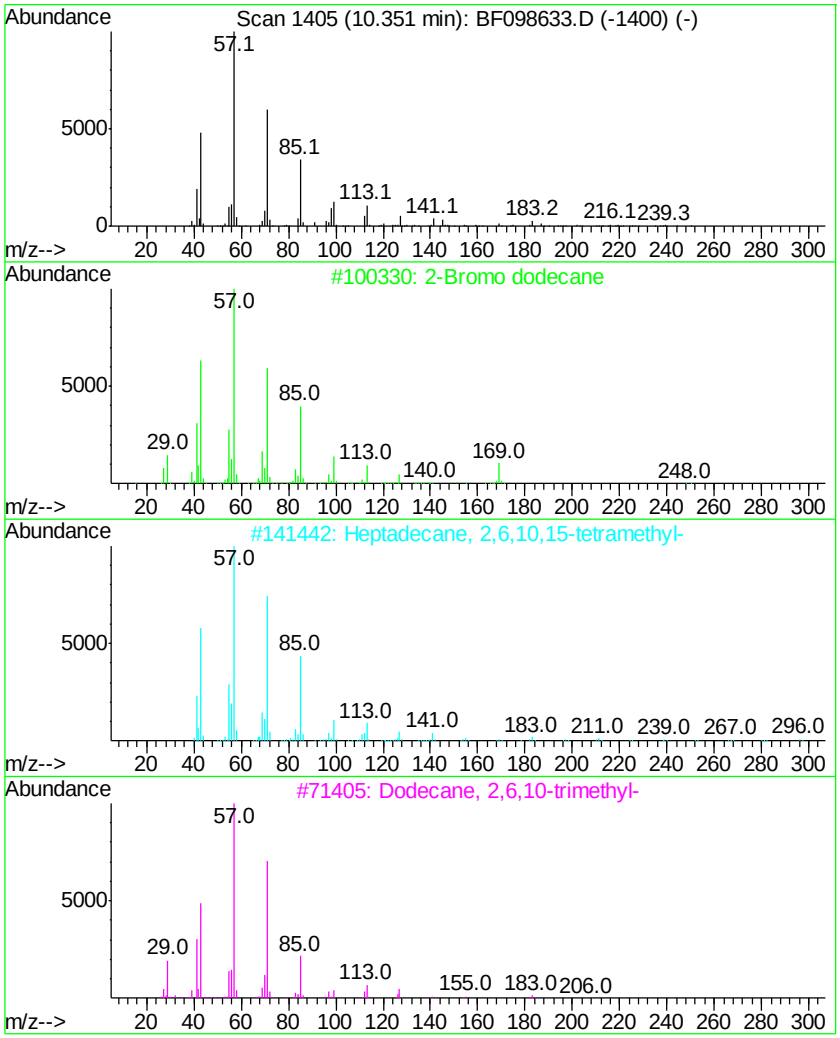
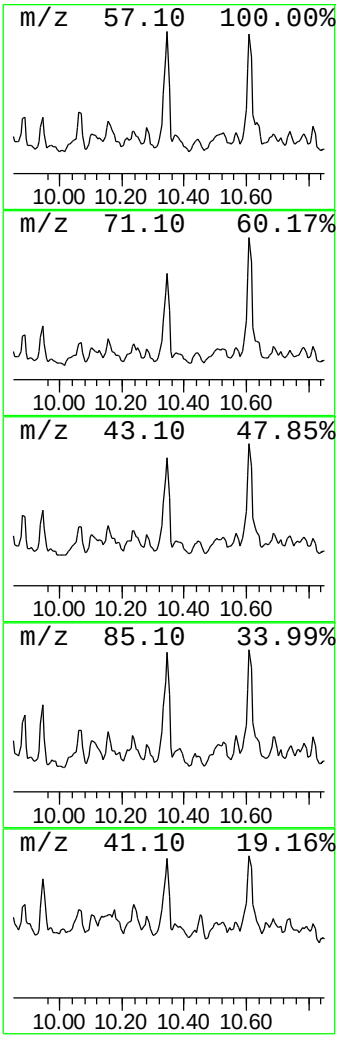
Peak Number 18 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	49.28 ng	3203820	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098633.D
Acq On : 19 Sep 2017 6:26
Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

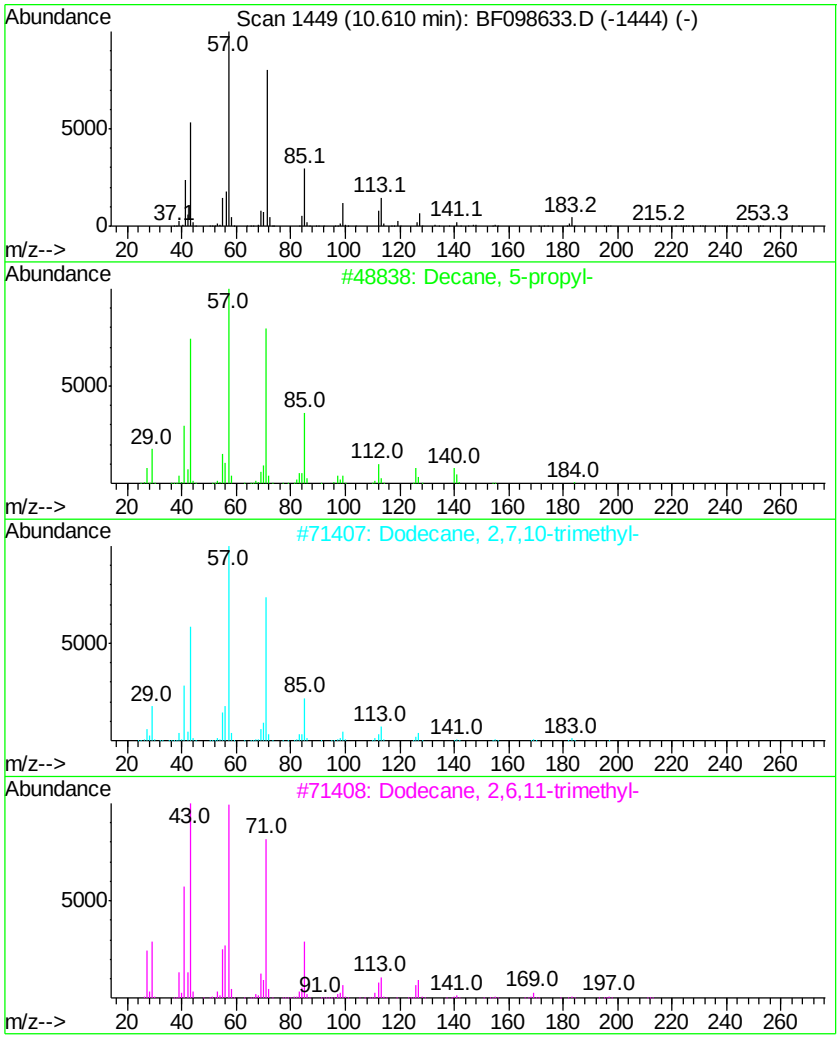
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

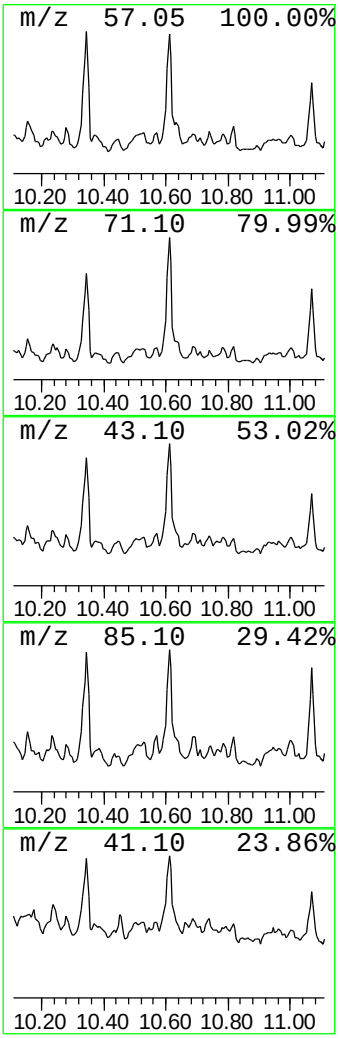
****

Peak Number 19 Decane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	66.97 ng	4737820	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Octane, 1-iodo-	240	C8H17I	000629-27-6	62
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098633.D
Acq On : 19 Sep 2017 6:26
Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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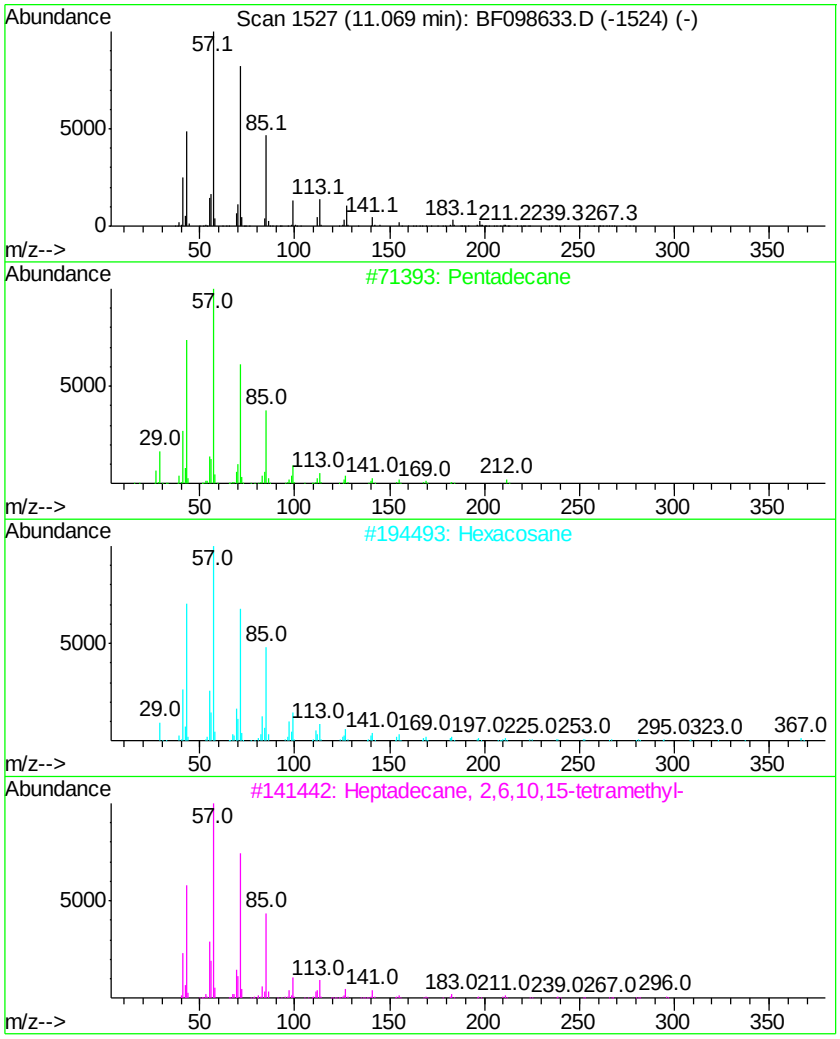
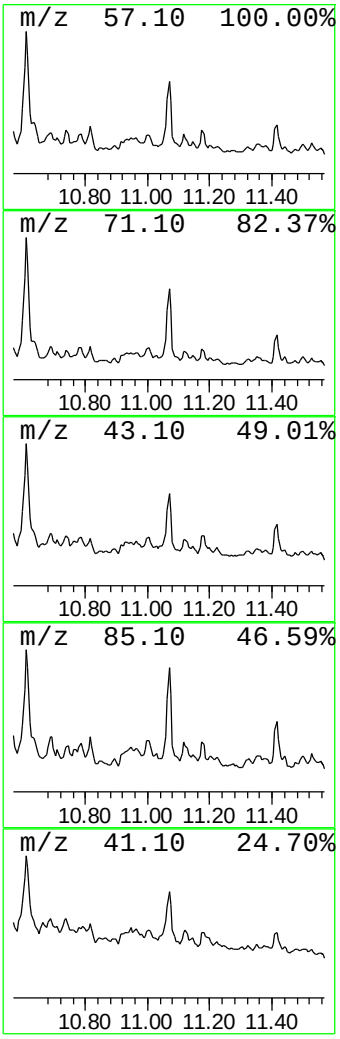
Peak Number 20 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	39.73 ng	2810570	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Heptadecane	240	C17H36	000629-78-7	83
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098633.D
Acq On : 19 Sep 2017 6:26
Operator : SJ/JU
Sample : I5265-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15D68

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
unknown6.41	6.41	64.0	ng	3208530	1	6.63	1001950	20.0
unknown7.29	7.29	33.9	ng	2383620	2	7.93	1407190	20.0
Naphthalene, deca...	7.45	75.5	ng	5311940	2	7.93	1407190	20.0
Cyclohexane, pentyl-	7.55	50.3	ng	3538130	2	7.93	1407190	20.0
Tridecane, 6-methyl-	7.62	47.0	ng	3303770	2	7.93	1407190	20.0
4-Undecene, 4-met...	7.75	27.2	ng	1913090	2	7.93	1407190	20.0
Undecane, 2,6-dim...	8.00	63.0	ng	4432930	2	7.93	1407190	20.0
Octacosane	8.10	22.6	ng	1587900	2	7.93	1407190	20.0
Cyclohexane, (4-m...	8.23	73.9	ng	5202540	2	7.93	1407190	20.0
Octane, 2,6-dimet...	8.36	88.4	ng	6218010	2	7.93	1407190	20.0
Cyclohexane, 1-et...	8.53	42.1	ng	2959870	2	7.93	1407190	20.0
unknown8.57	8.57	30.1	ng	2115310	2	7.93	1407190	20.0
Cyclohexane, 2,4-...	8.59	31.7	ng	2230560	2	7.93	1407190	20.0
unknown8.82	8.82	22.4	ng	1459290	3	9.68	1300290	20.0
Heptylcyclohexane	8.85	43.4	ng	2820810	3	9.68	1300290	20.0
Phosphorous acid,...	9.95	31.8	ng	2064840	3	9.68	1300290	20.0
2-Bromo dodecane	10.35	49.3	ng	3203820	3	9.68	1300290	20.0
Decane, 5-propyl-	10.61	67.0	ng	4737820	4	11.17	1415010	20.0
Pentadecane	11.07	39.7	ng	2810570	4	11.17	1415010	20.0