LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	206	211	222	rBV	23219	50732	3.21%	0.203%
2	4.522	462	465	475	rBV	145329	219053	13.86%	0.875%
3	4.604	475	479	494	rVB	67985	108280	6.85%	0.433%
4	5.004	544	547	567	rBV	900623	1316742	83.29%	5.259%
5	5.140	567	570	574	rVB	58357	55918	3.54%	0.223%
6	6.081	727	730	741	rBV	1059140	1342930	84.94%	5.364%
7	6.157	741	743	745	rVV	88677	86859	5.49%	0.347%
8	6.187	745	748	754	rVV	1184309	1308865	82.79%	5.228%
9	6.410	783	786	794	rVV	677103	679922	43.01%	2.716%
10	6.469	794	796	799	rVV	92372	95048	6.01%	0.380%
11	6.534	804	807	809	rVV	79752	65939	4.17%	0.263%
12	6.563	809	812	827	rVB	1094816	1117709	70.70%	4.464%
13	6.704	833	836	839	rBV2	51533	64149	4.06%	0.256%
14	6.745	839	843	846	rVB4	40638	47130	2.98%	0.188%
15	6.981	880	883	890	rVV	1022148	949914	60.08%	3.794%
16	7.034	890	892	896	rVV	45956	47439	3.00%	0.189%
17	7.216	921	923	928	rVB2	51071	51528	3.26%	0.206%
18	7.334	935	943	946	rBV4	30287	58305	3.69%	0.233%
19	7.410	952	956	958	rVV3	34501	59042	3.73%	0.236%
20	7.440	958	961	964	rVV3	74377	87864	5.56%	0.351%
21	7.528	971	976	983	rBV3	131121	184174	11.65%	0.736%
22	7.651	994	997	1001	rBV4	36624	53887	3.41%	0.215%
23	7.692	1001	1004	1006	rVV	883208	794119	50.23%	3.172%
24	7.716	1006	1008	1016	rVV	483020	448903	28.39%	1.793%
25	7.781	1016	1019	1024	rVB3	60039	73839	4.67%	0.295%
26	7.963	1047	1050	1054	rBV3	59961	84032	5.32%	0.336%
27	8.087	1068	1071	1077	rVB	154632	176921	11.19%	0.707%
28	8.139	1077	1080	1082	rBV2	71541	74981	4.74%	0.299%
29	8.181	1085	1087	1092	rVB2	60756	58504	3.70%	0.234%
30	8.310	1103	1109	1115	rBV6	138276	227033	14.36%	0.907%
31	8.404	1120	1125	1129	rVV	362493	345308	21.84%	1.379%
32	8.504	1138	1142	1147	rVV	351637	384198	24.30%	1.535%
33	8.610	1157	1160	1163	rVV3	62115	84175	5.32%	0.336%
34	8.639	1163	1165	1168	rVV3	45887	65342	4.13%	0.261%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.675	1168	1171	1175	rVV5	50650	81938	5.18%	0.327%
36	8.734	1179	1181	1183	rVV2	87386	77044	4.87%	0.308%
37	8.769	1183	1187	1193	rVB	1262200	1064248	67.32%	4.251%
38	8.869	1200	1204	1210	rBV	202187	196245	12.41%	0.784%
39	8.963	1218	1220	1227	rVB	115251	179503	11.35%	0.717%
40	9.028	1227	1231	1236	rBV	311752	453585	28.69%	1.812%
41	9.104	1240	1244	1246	rVV	404824	433123	27.40%	1.730%
42	9.128	1246	1248	1253	rVV	266053	310760	19.66%	1.241%
43	9.175	1253	1256	1260	rVV2	222680	285046	18.03%	1.139%
44	9.216	1260	1263	1271	rVB	164137	241612	15.28%	0.965%
45	9.298	1274	1277	1283	rBV	83312	78219	4.95%	0.312%
46	9.398	1290	1294	1296	rBV	132928	132665	8.39%	0.530%
47	9.434	1296	1300	1303	rVV2	734014	713593	45.14%	2.850%
48	9.469	1303	1306	1308	rVV	95716	81955	5.18%	0.327%
49	9.545	1315	1319	1324	rBV	125384	172827	10.93%	0.690%
50	9.645	1330	1336	1339	rBV	190572	219696	13.90%	0.878%
51	9.686	1339	1343	1346	rVB	132346	114979	7.27%	0.459%
52	9.716	1346	1348	1352	rVB3	62104	52982	3.35%	0.212%
53	9.757	1352	1355	1358	rBV2	122134	125773	7.96%	0.502%
54	9.786	1358	1360	1363	rVB	91440	61347	3.88%	0.245%
55	9.845	1366	1370	1372	rBV2	72244	105478	6.67%	0.421%
56	9.892	1376	1378	1380	rVB	149717	101355	6.41%	0.405%
57	9.951	1382	1388	1391	rBV	221253	288633	18.26%	1.153%
58	9.981	1391	1393	1395	rVB2	62503	56361	3.56%	0.225%
59	10.045	1400	1404	1406	rBV	58213	56528	3.58%	0.226%
60	10.110	1411	1415	1418	rBV2	98014	116156	7.35%	0.464%
61	10.222	1431	1434	1439	rVV	577288	606443	38.36%	2.422%
62	10.339	1450	1454	1456	rVV	278774	277277	17.54%	1.108%
63	10.363	1456	1458	1466	rVB2	164041	264828	16.75%	1.058%
64	10.469	1474	1476	1482	rBV4	51388	56056	3.55%	0.224%
65	10.551	1488	1490	1494	rVV2	55240	57673	3.65%	0.230%
66	10.804	1525	1533	1536	rBV2	124128	182118	11.52%	0.727%
67	10.833	1536	1538	1543	rVB	71324	77203	4.88%	0.308%
68	10.910	1547	1551	1553	rVV	688070	590830	37.37%	2.360%
69	10.933	1553	1555	1558	rVB	117486	100907	6.38%	0.403%
70	11.233	1603	1606	1610	rBV2	81040	88892	5.62%	0.355%
71	11.410	1634	1636	1639	rBV2	53137	48693	3.08%	0.194%

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Misc :
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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.439	1639	1641	1644	rBV	61147	55522	3.51%	0.222%
73	11.851	1708	1711	1715	rVB	262455	232468	14.70%	0.929%
74	11.939	1723	1726	1728	rVB	86695	77405	4.90%	0.309%
75	12.157	1760	1763	1767	rVB	226414	201691	12.76%	0.806%
76	12.339	1790	1794	1797	rVV	218465	188370	11.91%	0.752%
77	12.410	1801	1806	1809	rVB3	60433	81997	5.19%	0.328%
78	12.492	1816	1820	1826	rVB	822990	780565	49.37%	3.118%
79	12.574	1829	1834	1837	rBV4	43815	70676	4.47%	0.282%
80	12.627	1839	1843	1847	rVB	1577918	1580981	100.00%	6.315%
81	12.745	1860	1863	1866	rBV	62893	76915	4.87%	0.307%
82	12.904	1884	1890	1894	rBV2	44260	57119	3.61%	0.228%
83	13.039	1910	1913	1916	rBV2	113386	99378	6.29%	0.397%
84	13.086	1916	1921	1923	rBV	54369	55892	3.54%	0.223%
85	13.416	1973	1977	1978	rBV	71836	67262	4.25%	0.269%
86	13.433	1978	1980	1987	rVB5	74581	87998	5.57%	0.351%
87	13.533	1993	1997	2001	rBV	660361	630143	39.86%	2.517%
88	13.974	2068	2072	2077	rVB	122518	124458	7.87%	0.497%
89	14.033	2078	2082	2084	rBV	116340	124932	7.90%	0.499%
90	14.063	2084	2087	2091	rVB	112746	108309	6.85%	0.433%
91	14.321	2128	2131	2136	rVB	53046	53518	3.39%	0.214%
92	14.610	2176	2180	2185	rVB	359071	368377	23.30%	1.471%
93	14.874	2221	2225	2229	rBV	368976	426826	27.00%	1.705%
94	14.910	2229	2231	2237	rVB2	55812	67101	4.24%	0.268%
95	15.068	2254	2258	2262	rVB3	39931	55268	3.50%	0.221%
96	15.257	2285	2290	2295	rVV	62594	94871	6.00%	0.379%
97	15.345	2298	2305	2306	rBV7	25975	46687	2.95%	0.186%
98	15.868	2390	2394	2400	rVB2	59237	98723	6.24%	0.394%
99	16.498	2496	2501	2505	rBV8	26444	54543	3.45%	0.218%
100	16.627	2520	2523	2529	rVB6	23693	46422	2.94%	0.185%

Sum of corrected areas: 25035772

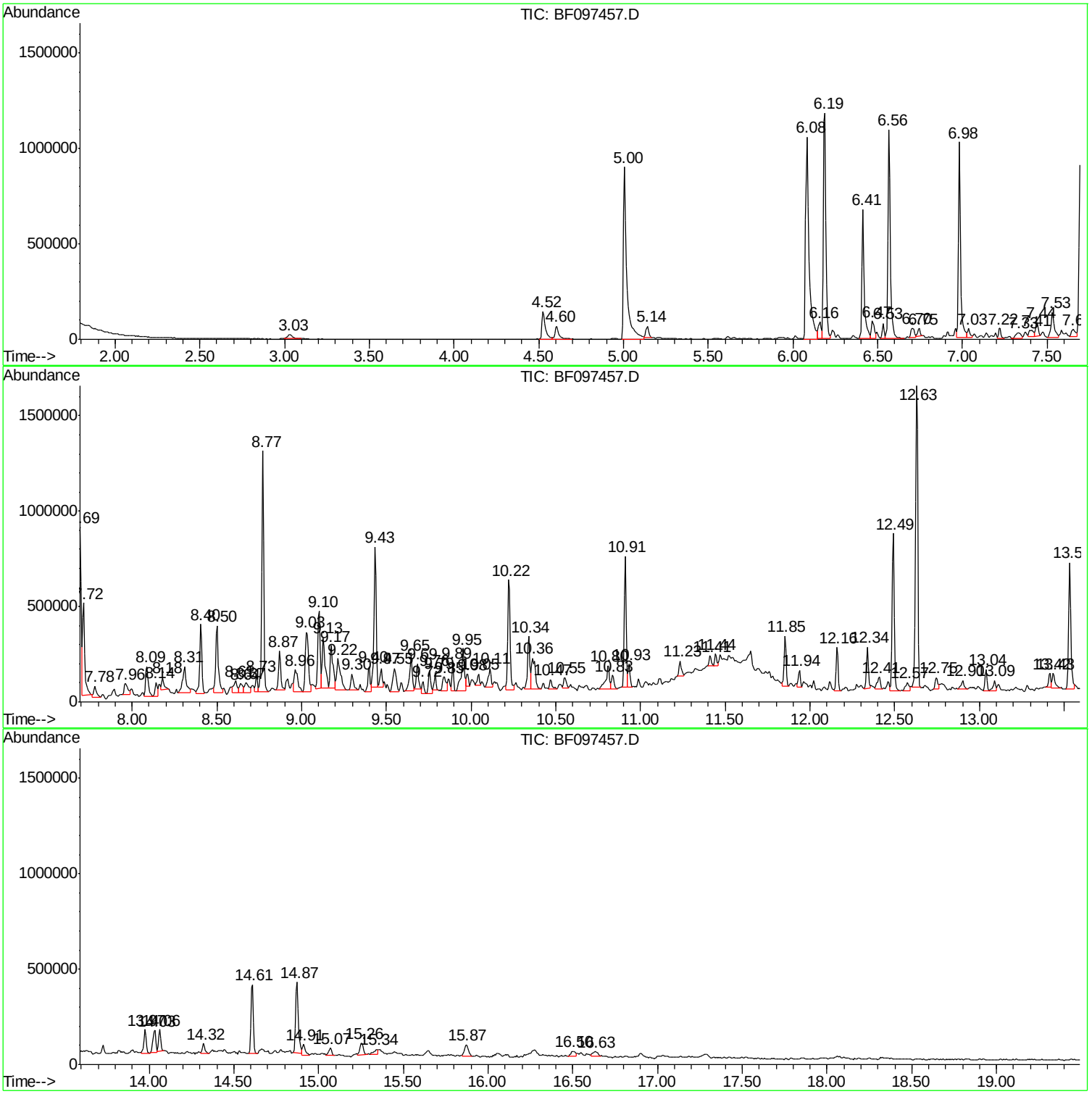
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

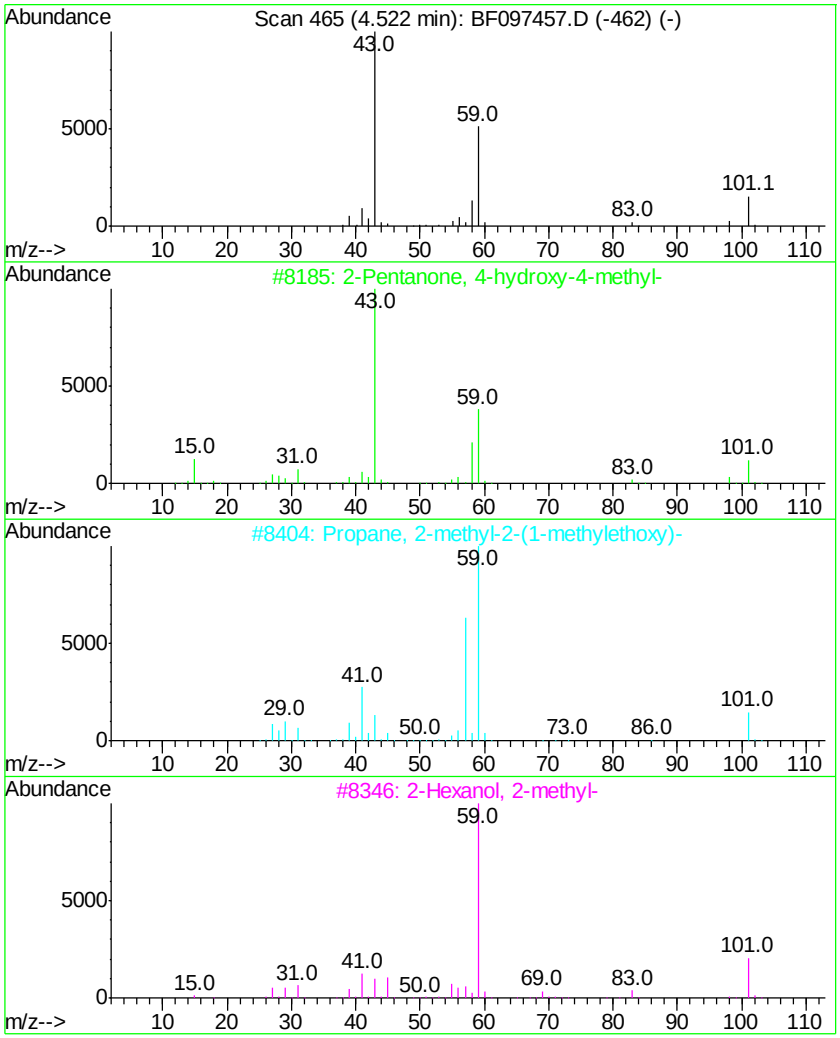
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

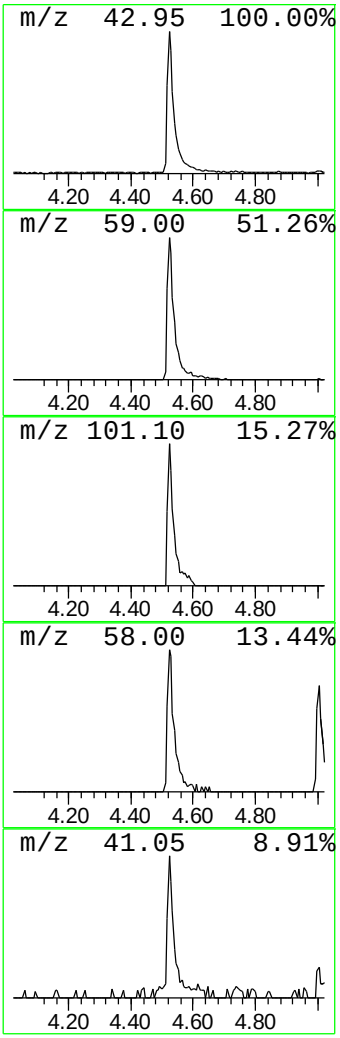
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	6.44 ng	219053	1,4-Dichlorobenzene-d4	6.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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Sample : I4545-01
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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

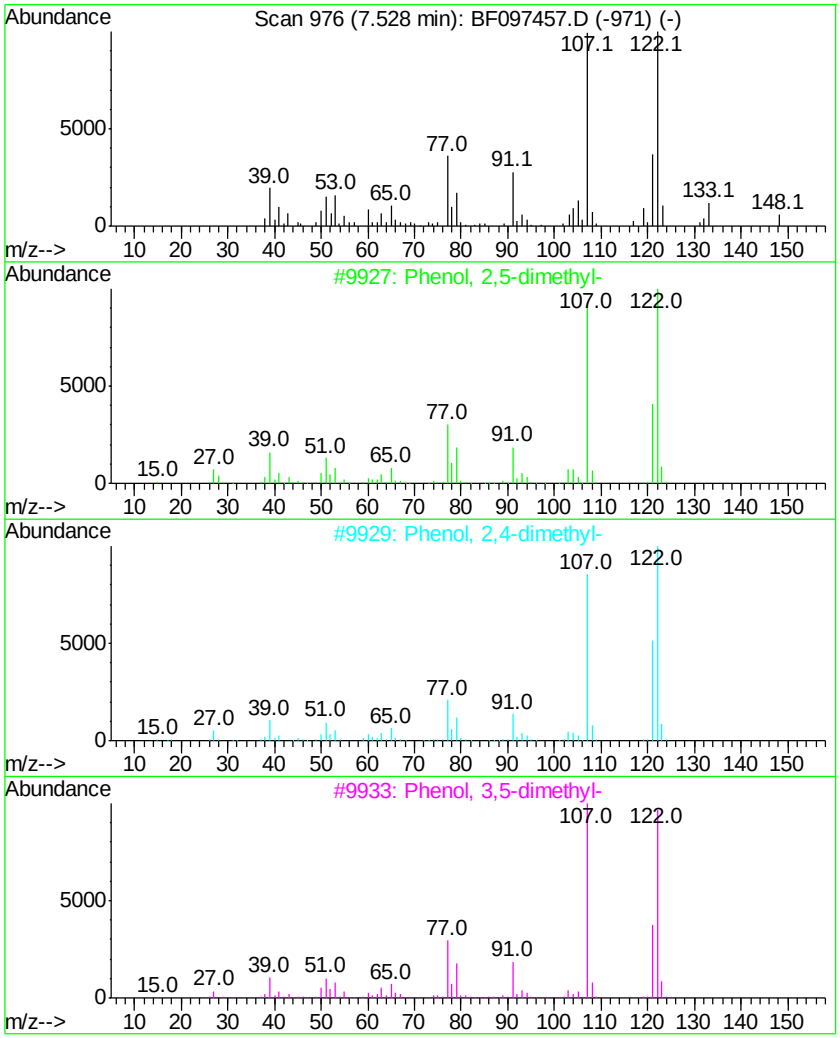
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

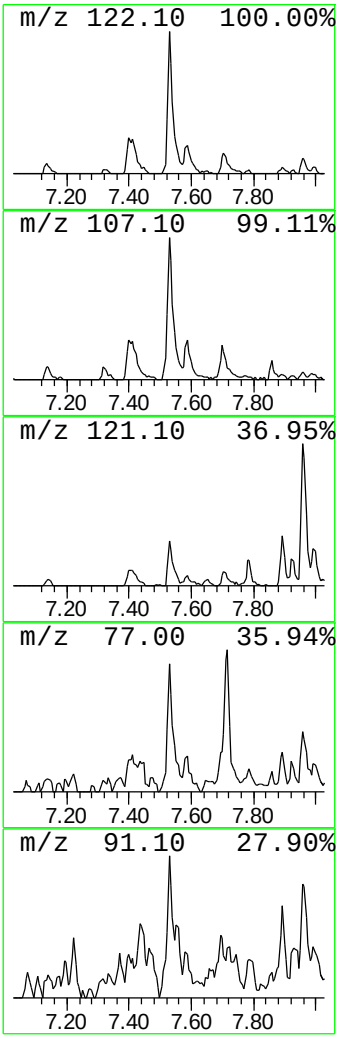
****

Peak Number 2 Phenol, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	4.64 ng	184174	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91





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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

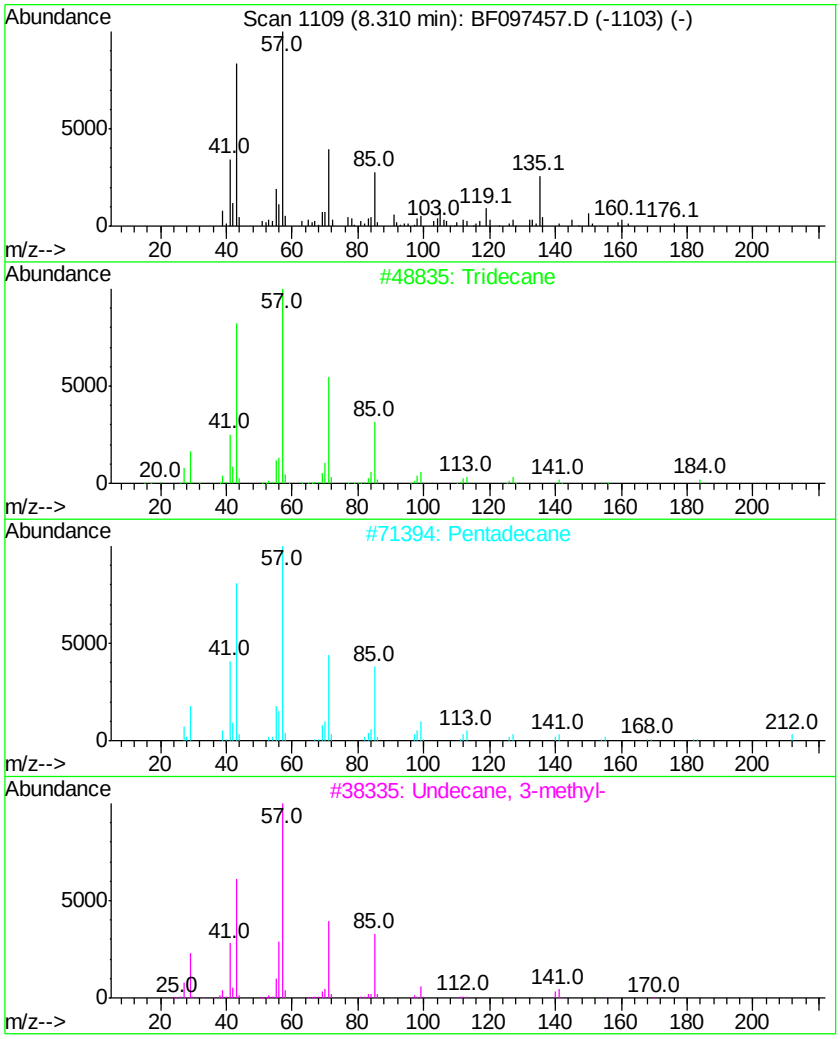
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

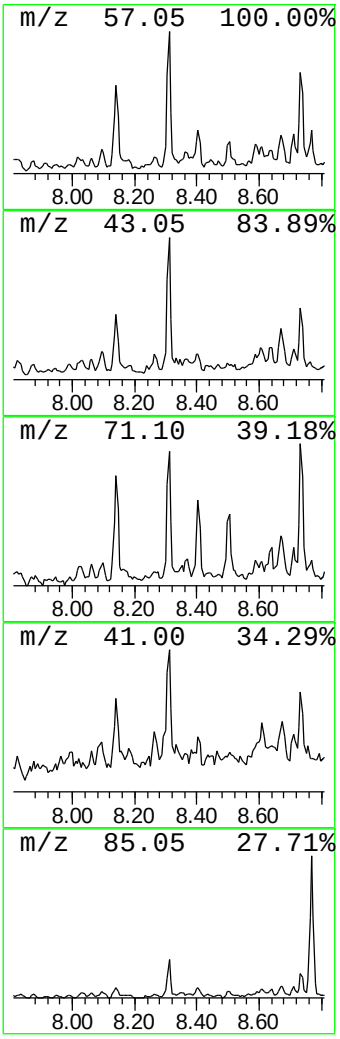
****

Peak Number 3 unknown8.31 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	5.72 ng	227033	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Pentadecane	212	C15H32	000629-62-9	47
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4	Tetradecane	198	C14H30	000629-59-4	46
5	Hexadecane	226	C16H34	000544-76-3	46





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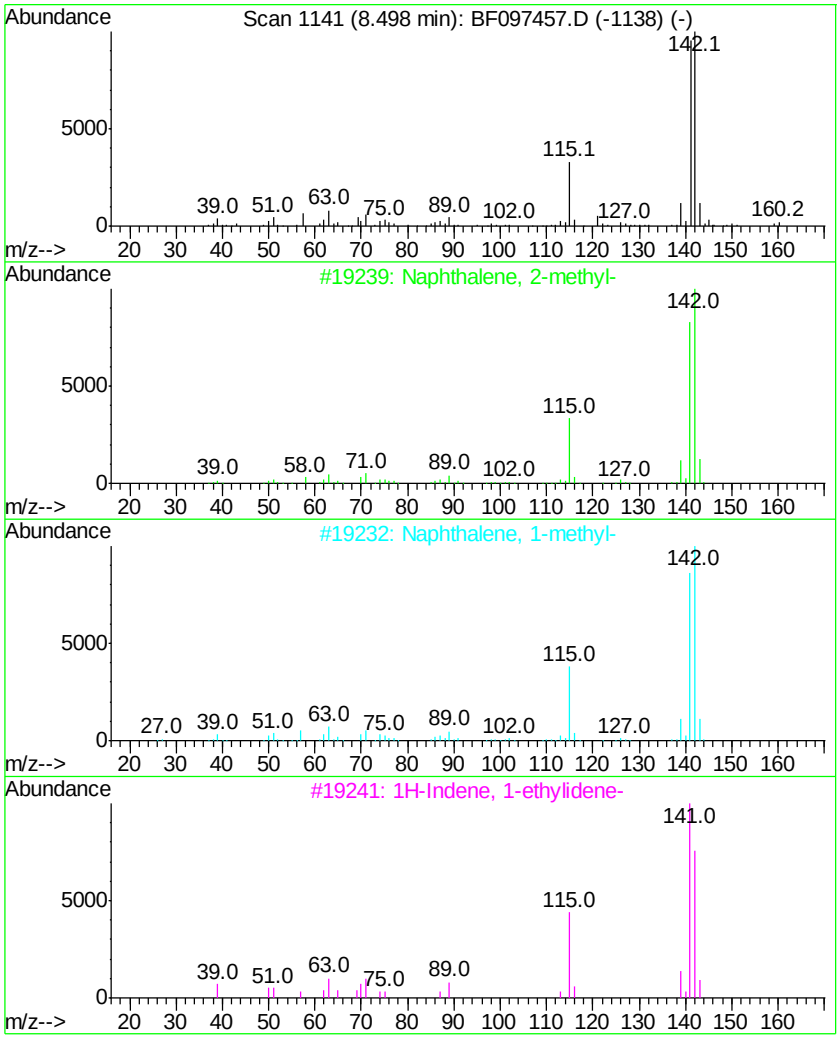
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

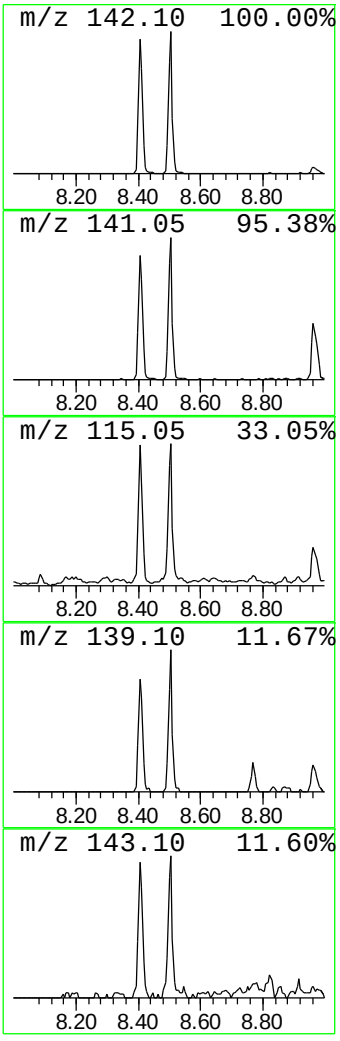
****

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	9.68 ng	384198	Naphthalene-d8	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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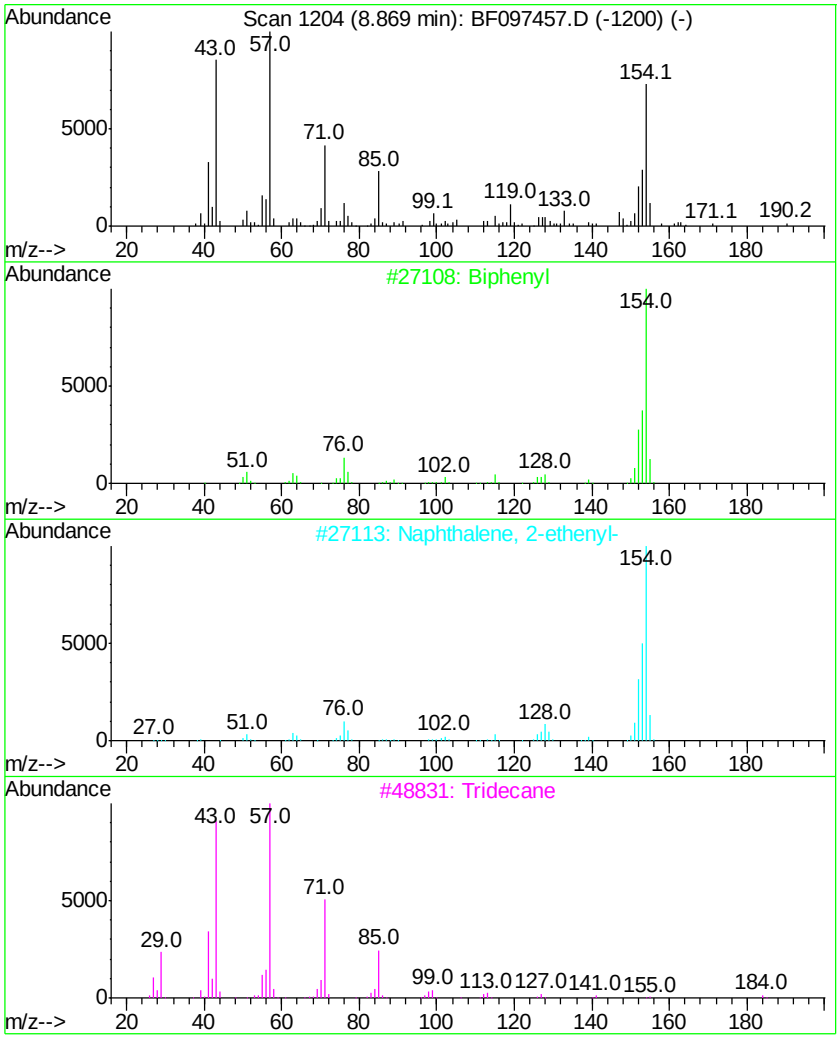
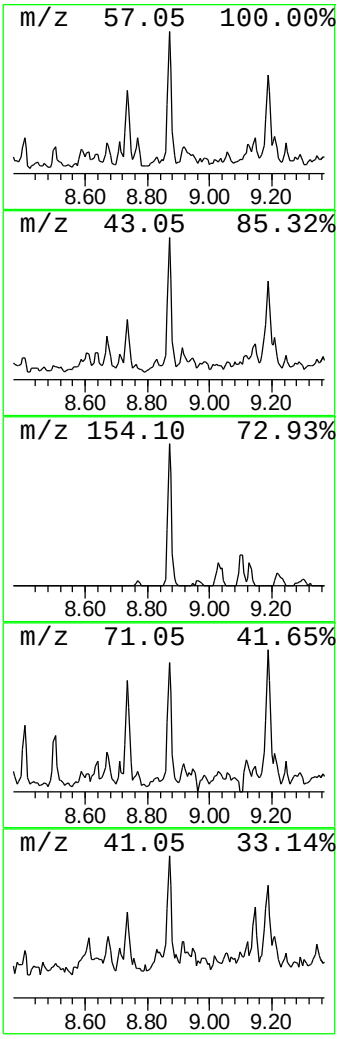
Peak Number 5 Biphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.50 ng	196245	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	86
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	42
3	Tridecane	184	C13H28	000629-50-5	30
4	Hexadecane	226	C16H34	000544-76-3	30
5	Pentadecane	212	C15H32	000629-62-9	30





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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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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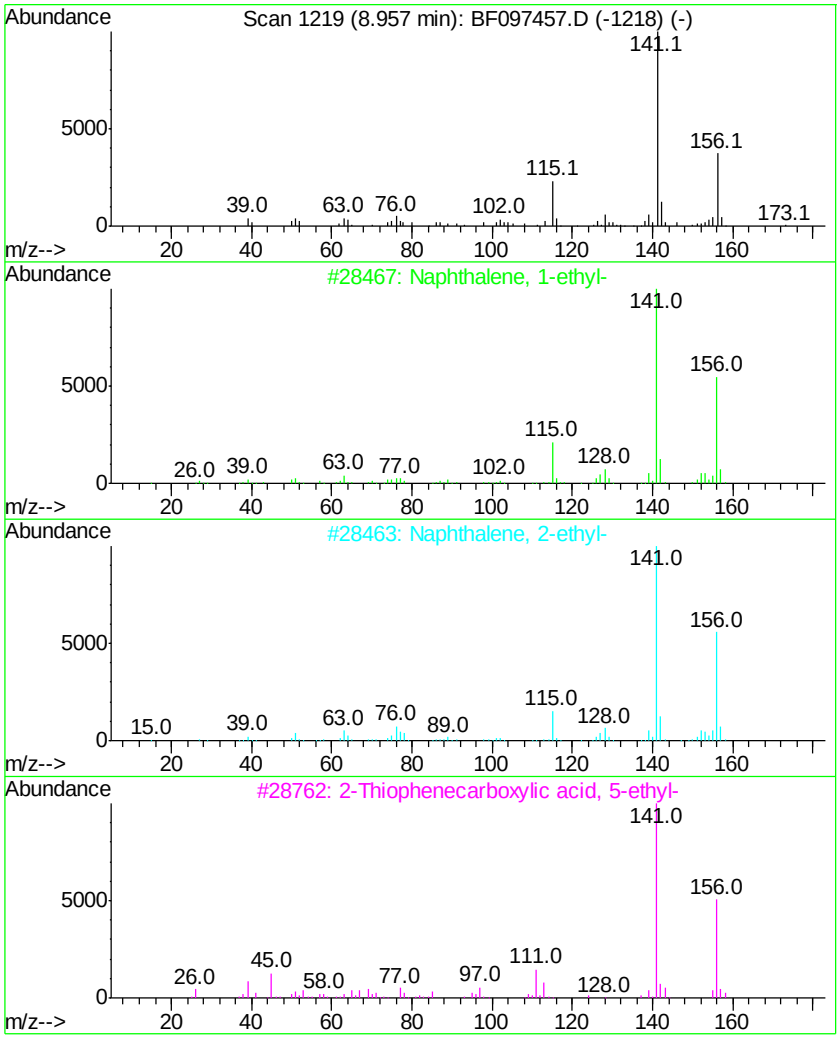
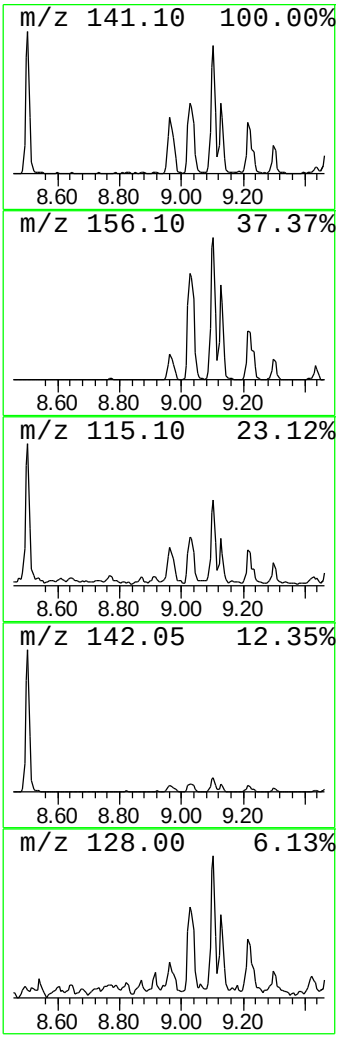
Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	5.03 ng	179503	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59
5	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	59





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Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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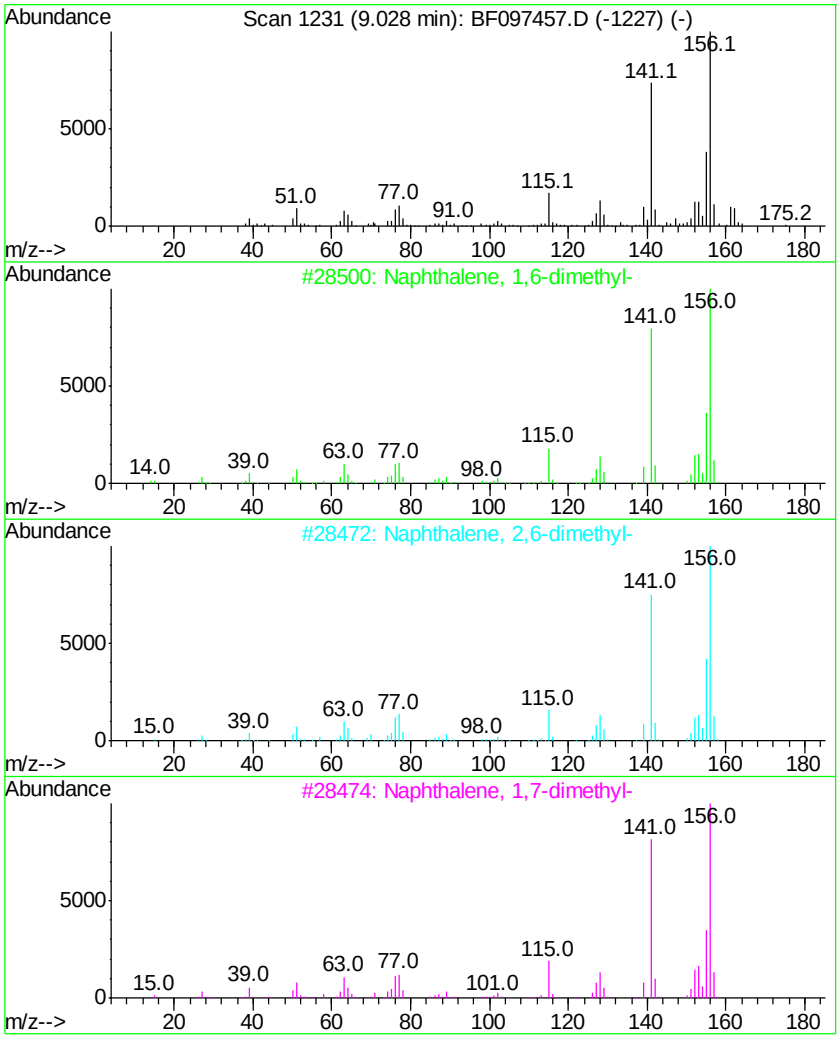
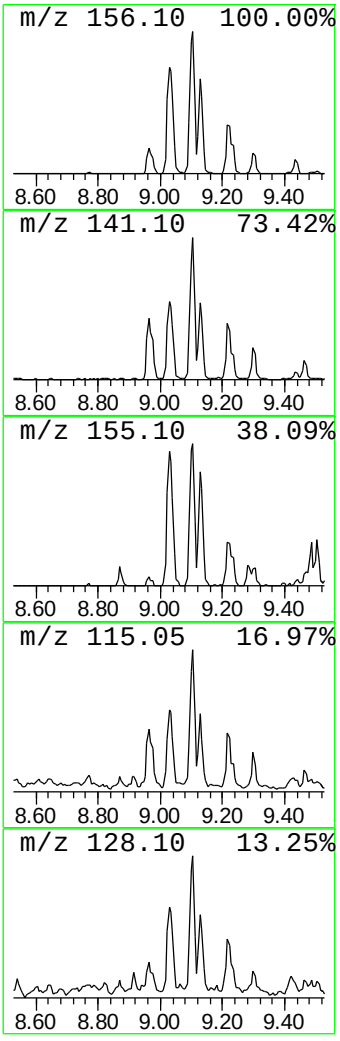
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	12.71 ng	453585	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Misc :
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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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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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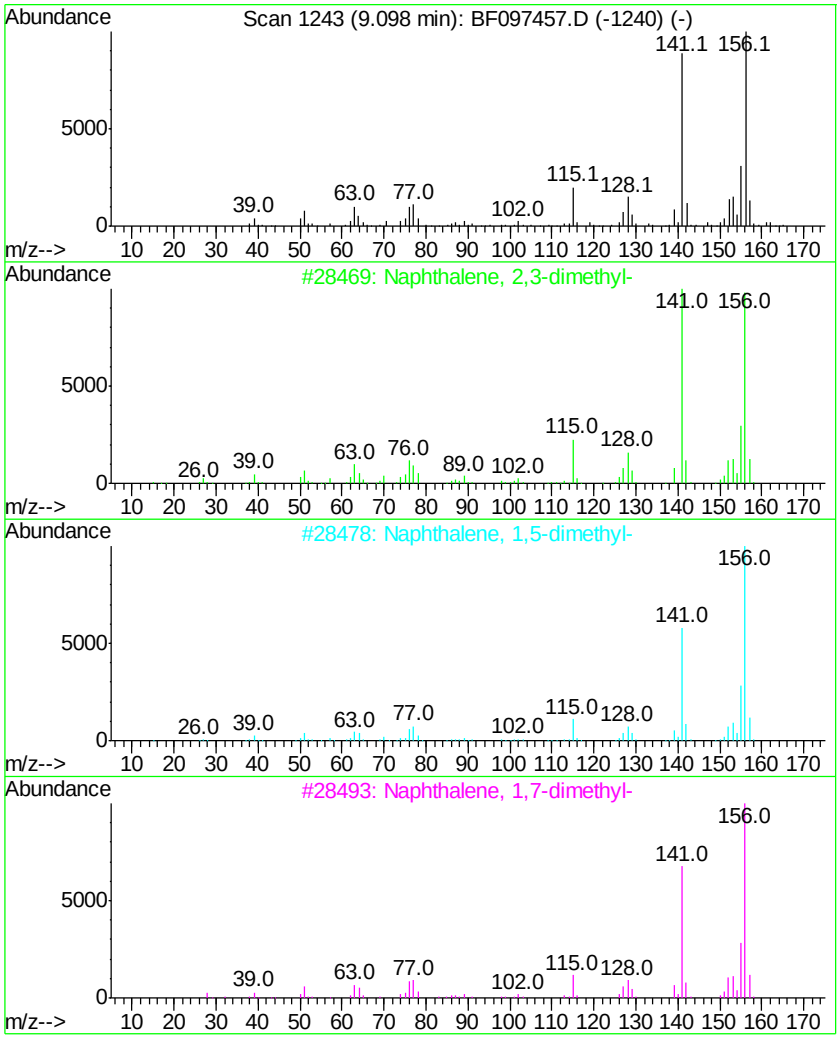
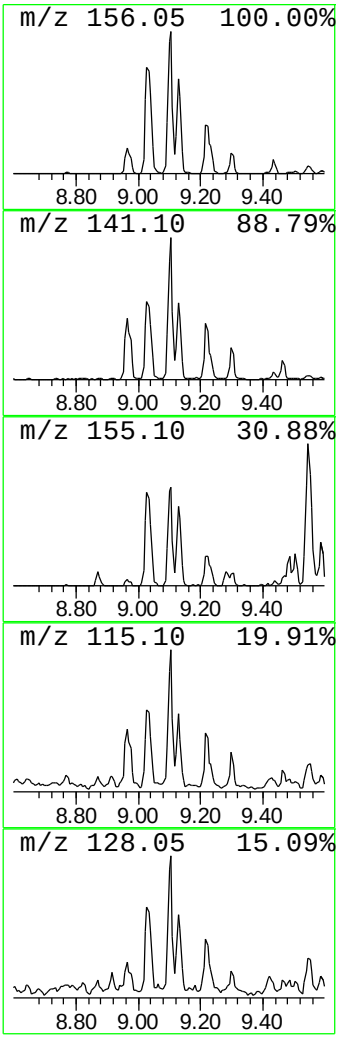
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	12.14 ng	433123	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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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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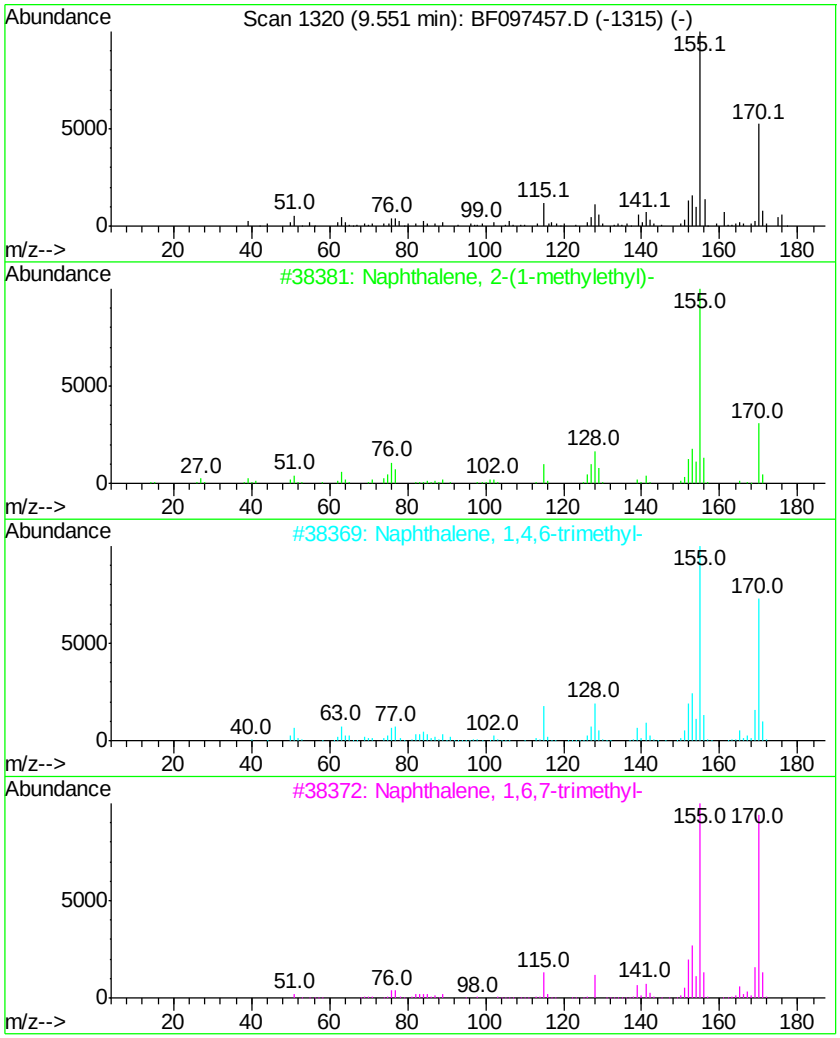
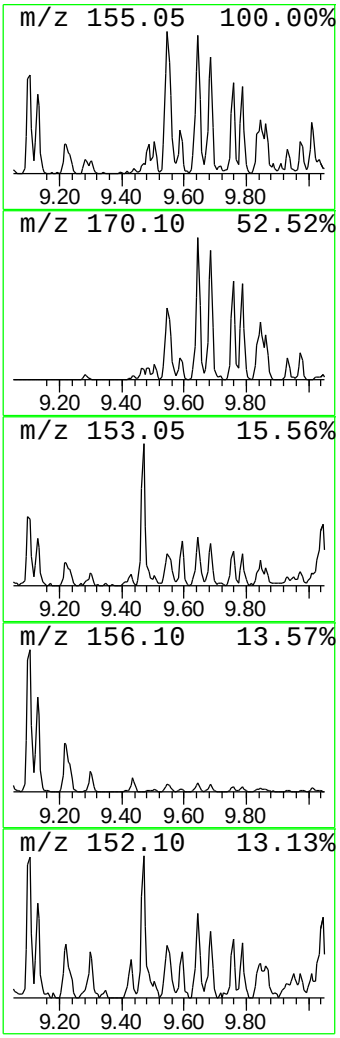
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.84 ng	172827	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72





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Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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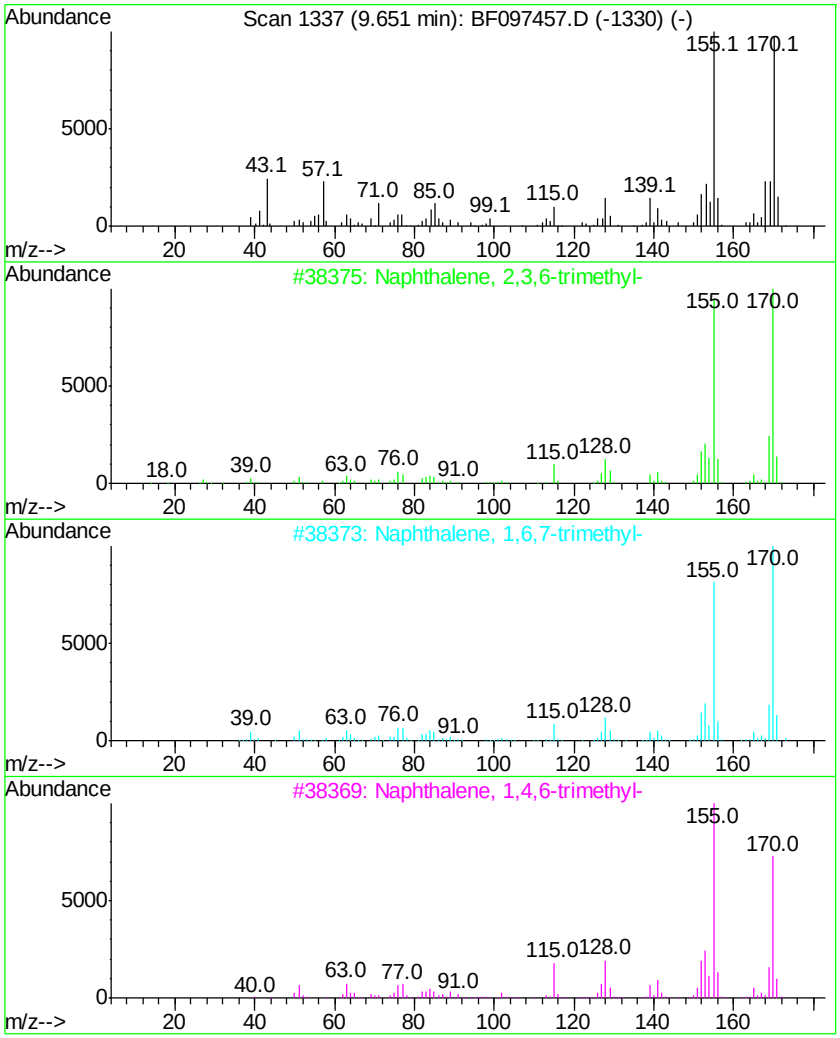
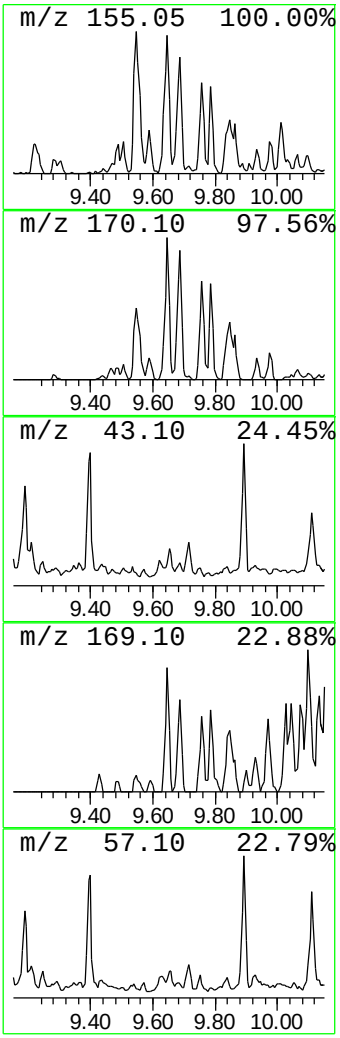
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	6.16 ng	219696	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81





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ALS Vial : 31 Sample Multiplier: 1

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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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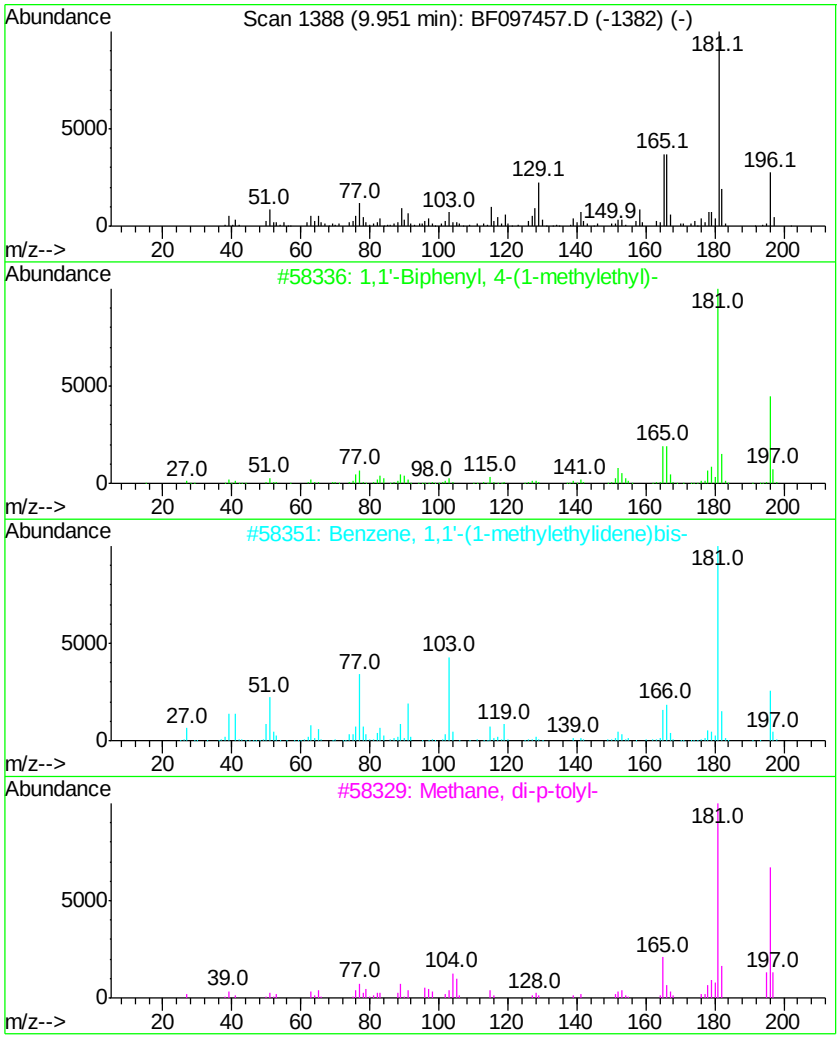
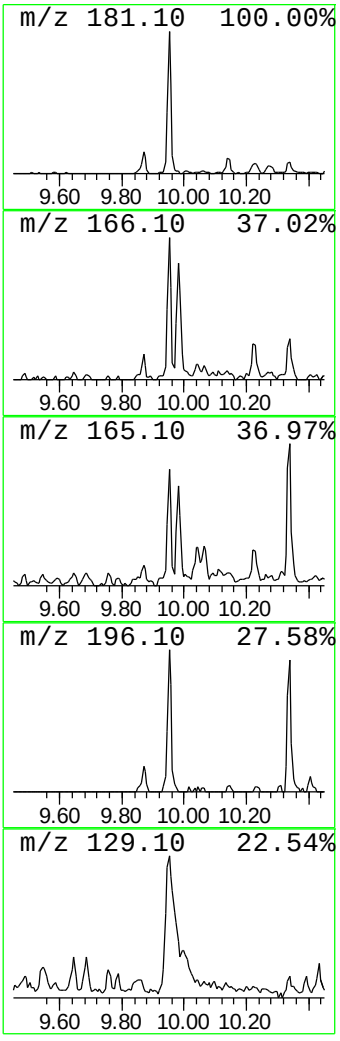
Peak Number 11 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	8.09 ng	288633	Acenaphthene-d10	9.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	87
2	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	76
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	59
4	Bifenthrin	422	C23H22ClF3O2	082657-04-3	58
5	7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	47





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Operator : SJ/JU
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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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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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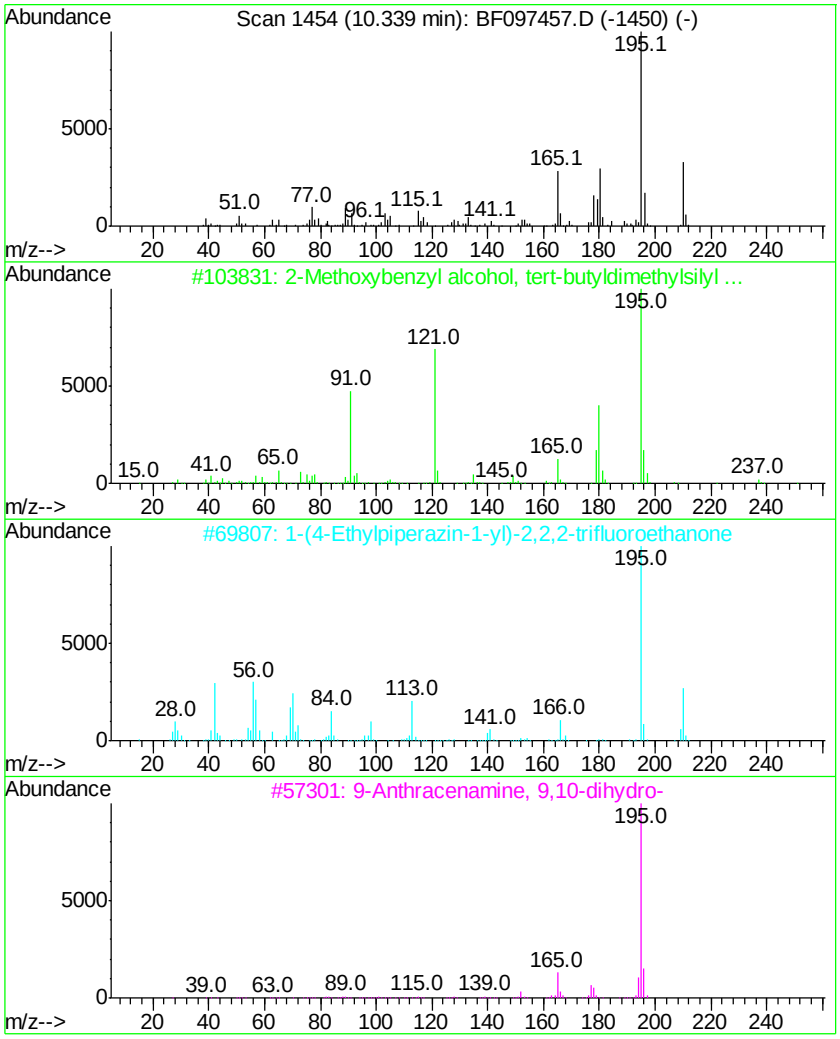
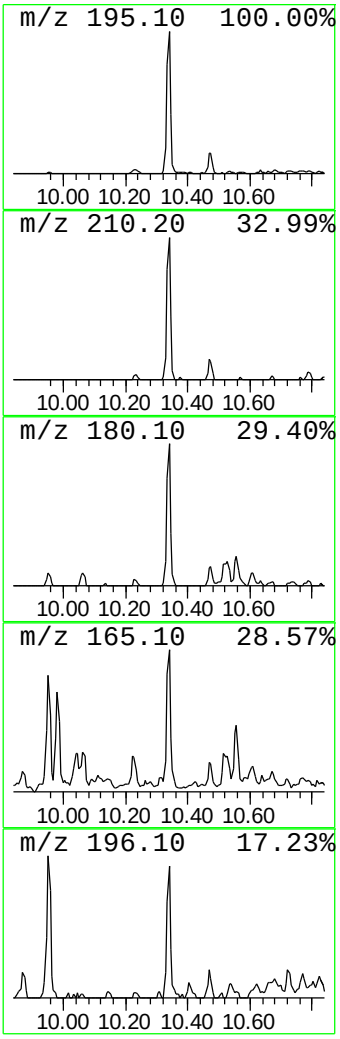
Peak Number 12 2-Methoxybenzyl alcohol, te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	9.39 ng	277277	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxybenzyl alcohol, tert-bu...	252	C14H24O2Si	1000364-16-6	50
2	1-(4-Ethylpiperazin-1-yl)-2,2,2-...	210	C8H13F3N2O	1000373-19-2	47
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	46
4	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	45
5	1-Methyl-4-azafluorenone	195	C13H9NO	058787-04-5	43





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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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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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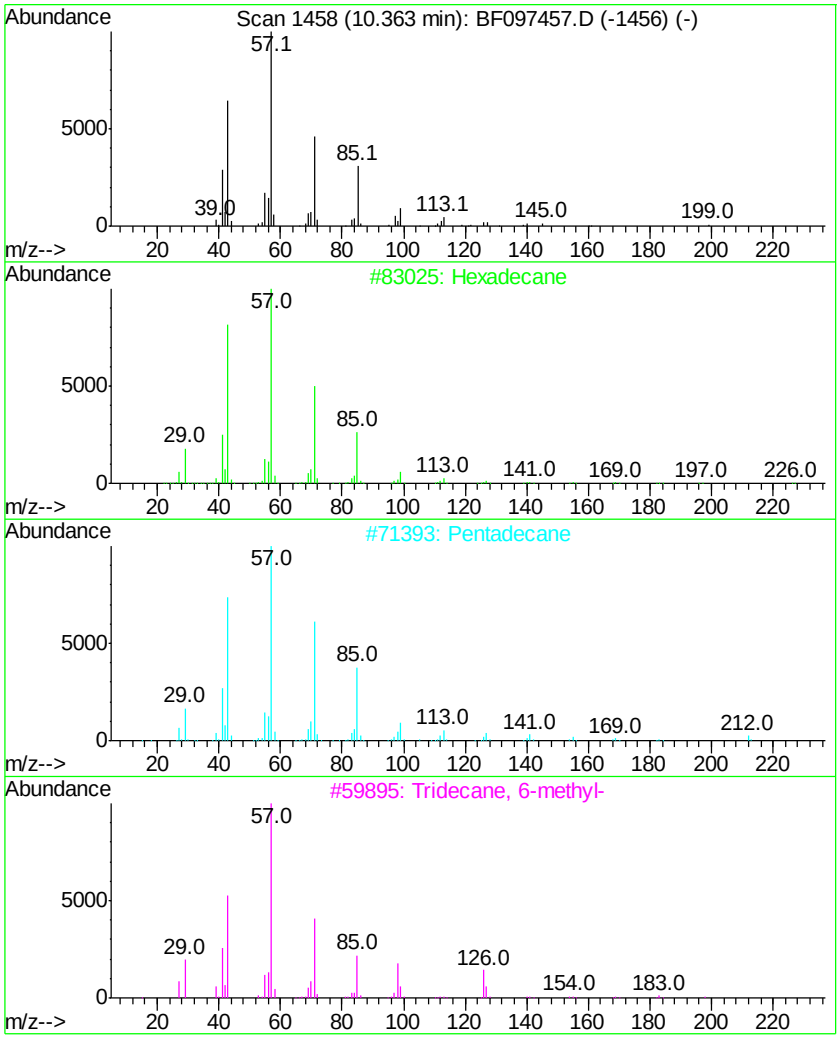
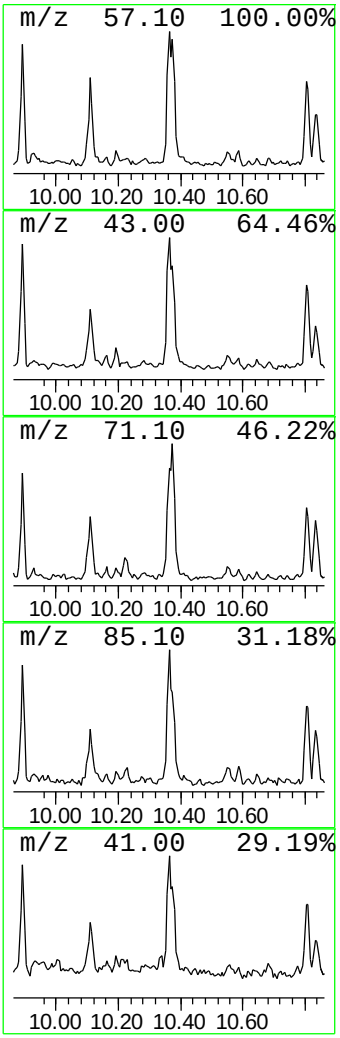
Peak Number 13 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	8.96 ng	264828	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	78
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
4	Tetracosane	338	C24H50	000646-31-1	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Instrument : BNA_F
ClientSampleId : E2-O9-BASE

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

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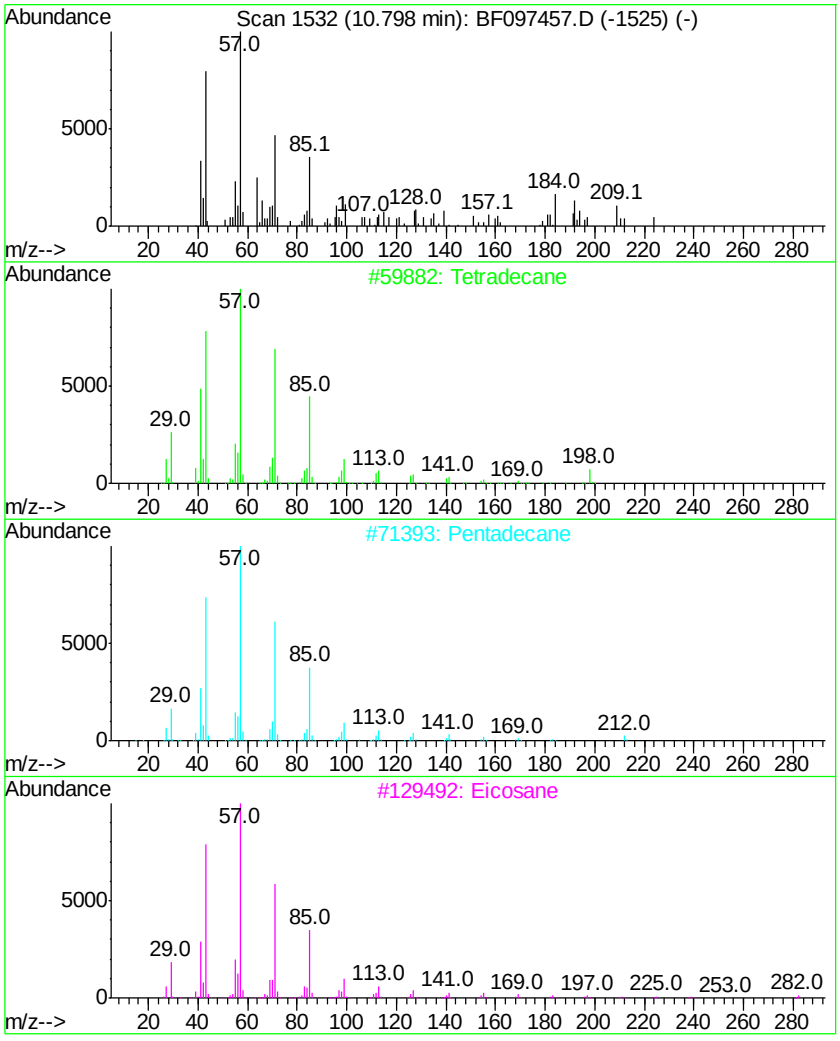
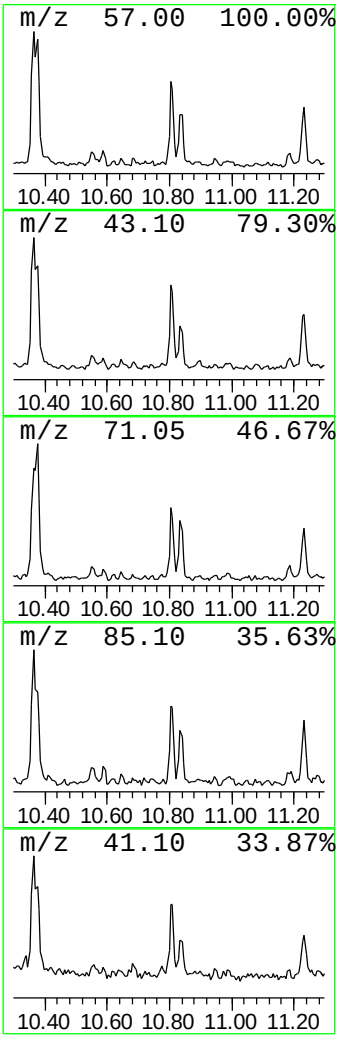
Peak Number 14 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.16 ng	182118	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Pentadecane	212	C15H32	000629-62-9	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58





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

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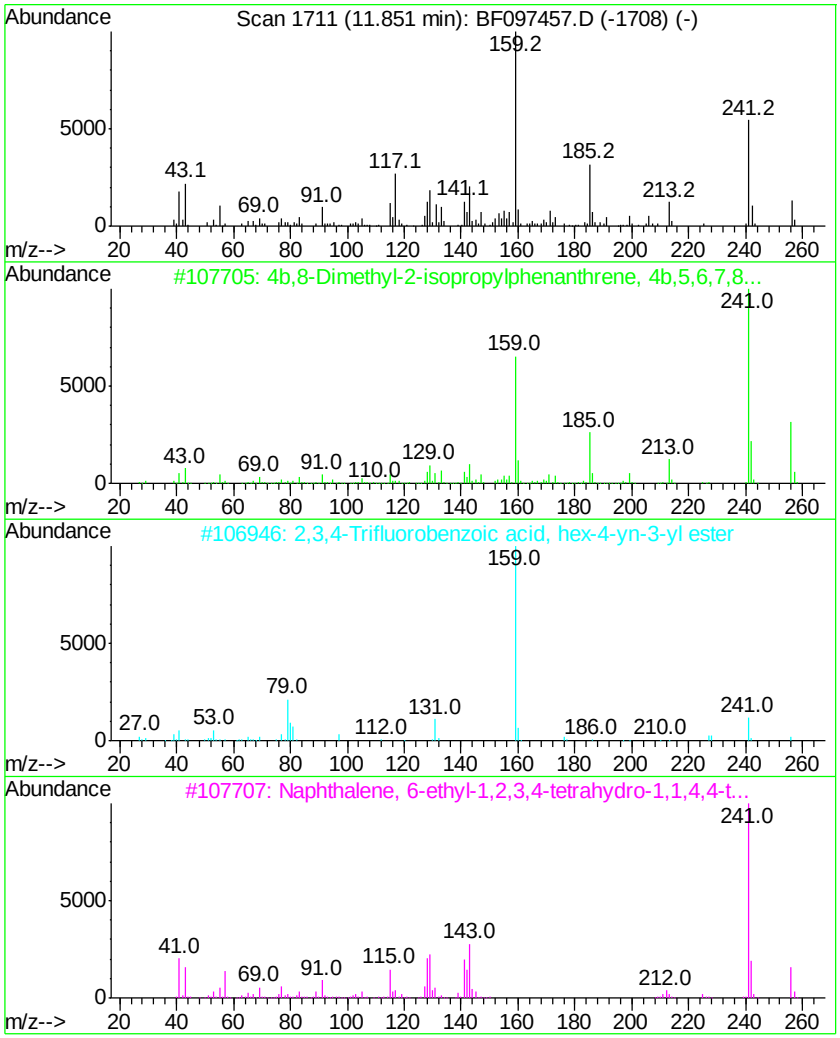
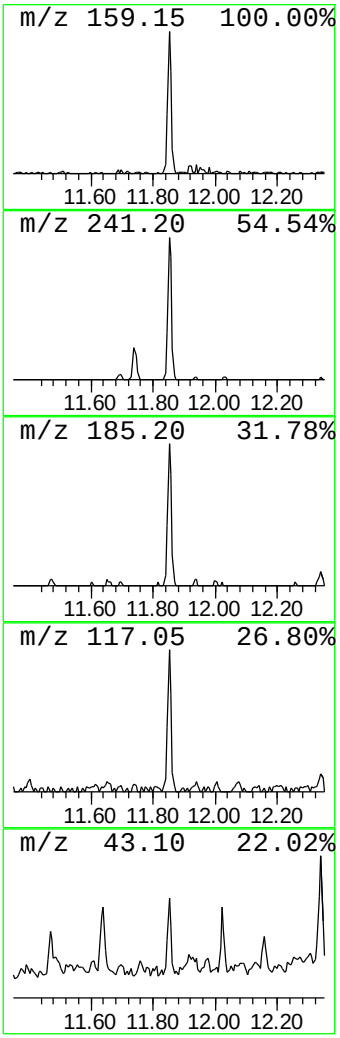
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.87 ng	232468	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	47
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	35
5	1,3-Dioxolane-2-acetic acid, 2-(...	252	C8H13BrO4	094133-61-6	35





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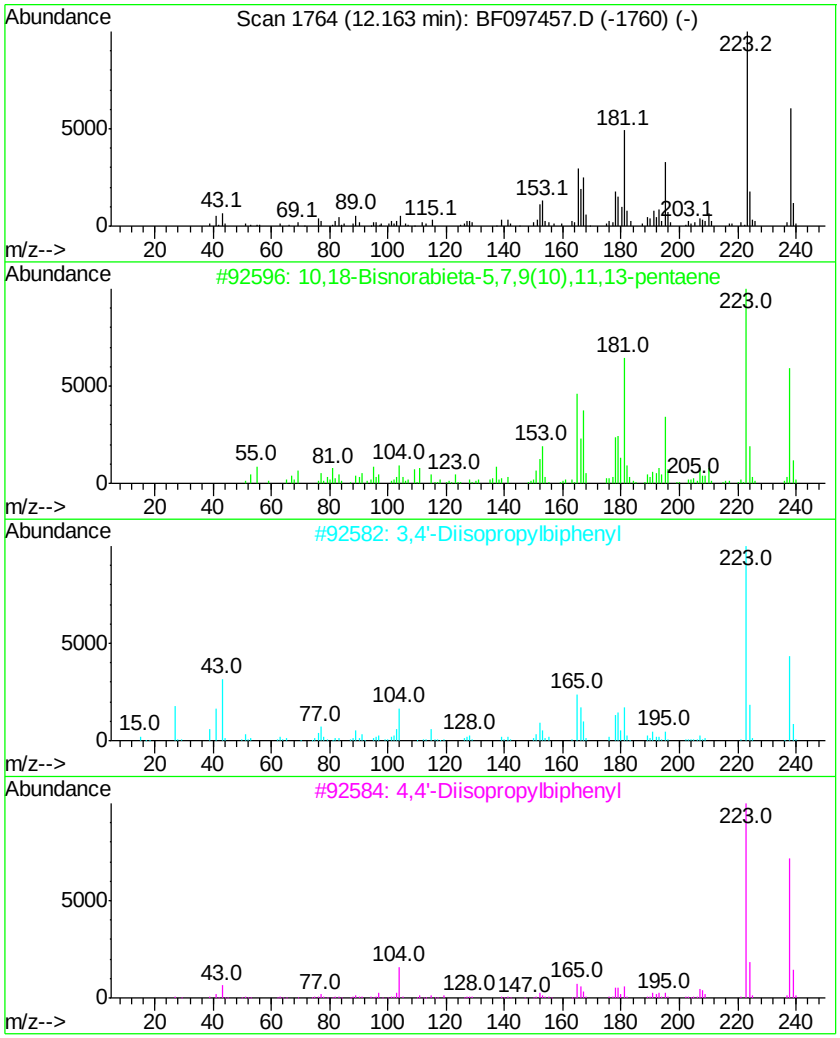
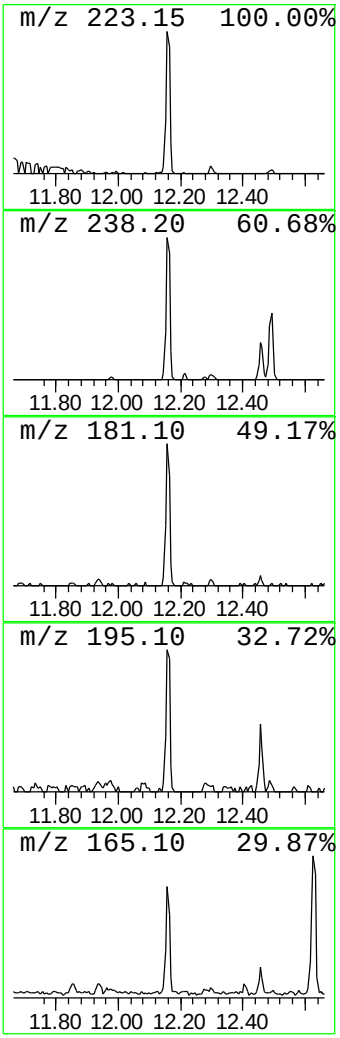
Peak Number 16 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	6.83 ng	201691	Phenanthrene-d10	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	58
5	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	49





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TIC Library : C:\DATABASE\NIST11.L
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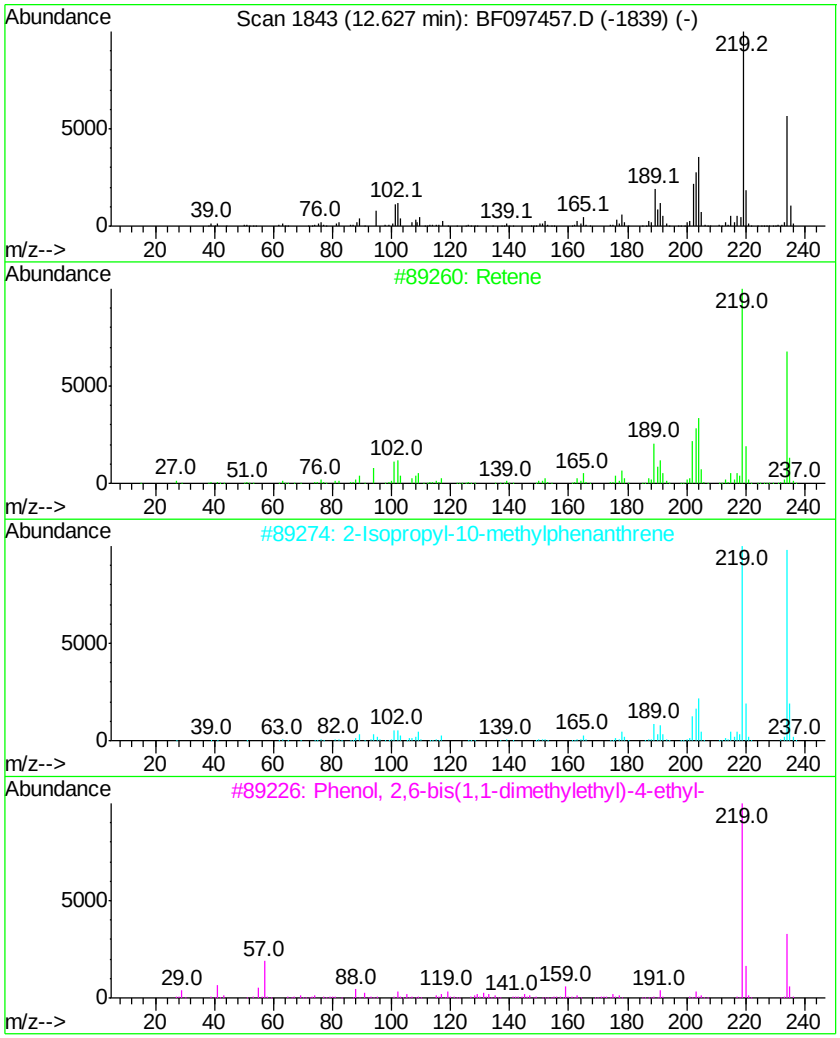
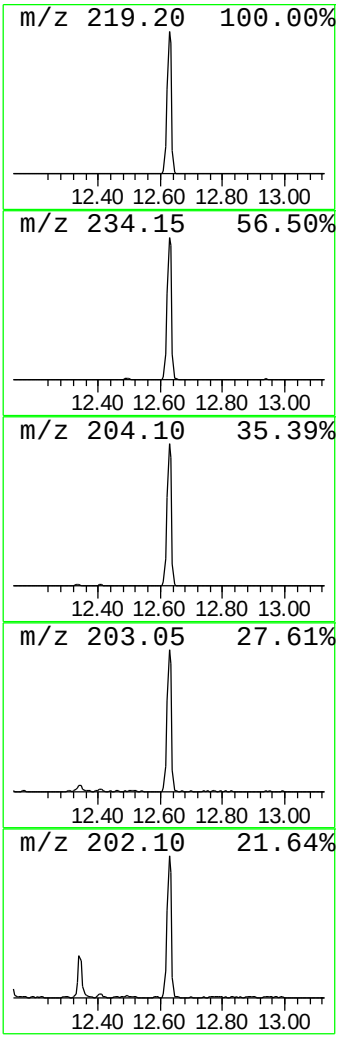
Peak Number 18 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	50.18 ng	1580980	Chrysene-d12	13.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
4	3-Isopropylamino-6-methyl-6,7-di...	234	C13H18N2O2	145220-69-5	47
5	2-[[1-(4-Methylphenyl)ethylidene...	234	C16H14N2	1000326-46-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

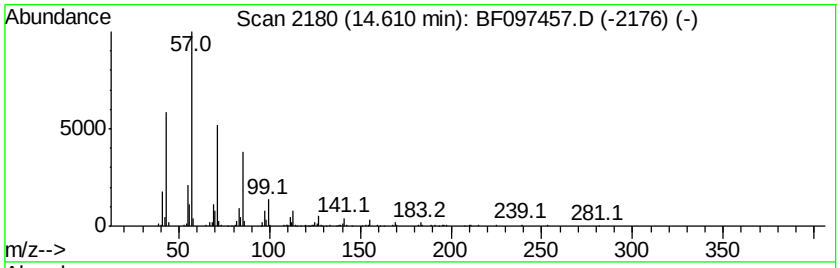
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

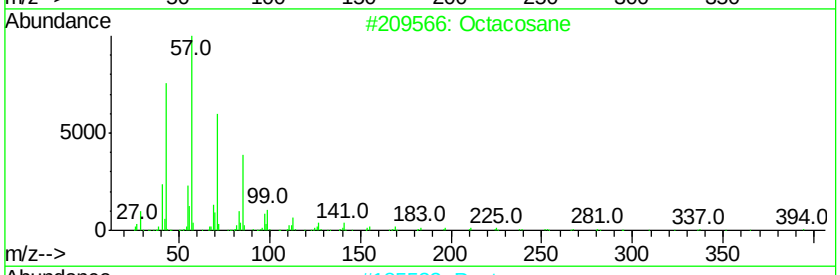
****

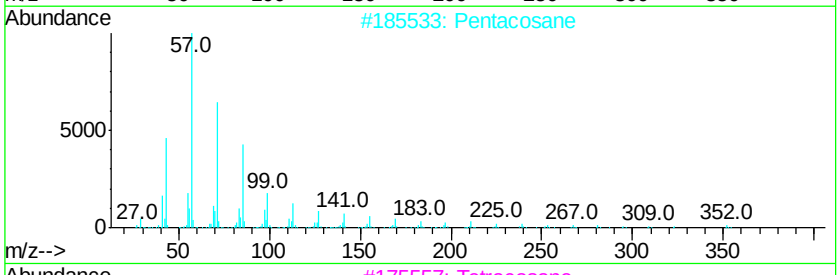
Peak Number 19 Octacosane Concentration Rank 2

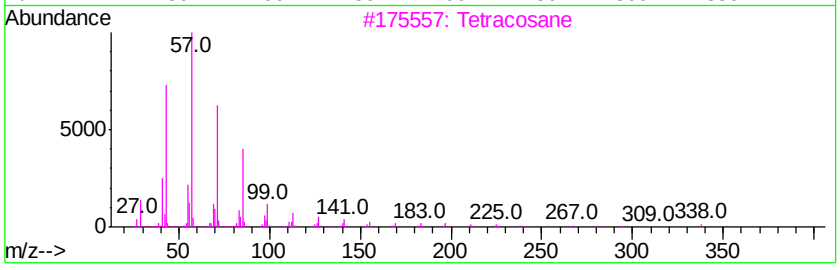
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	17.26 ng	368377	Perylene-d12	14.87

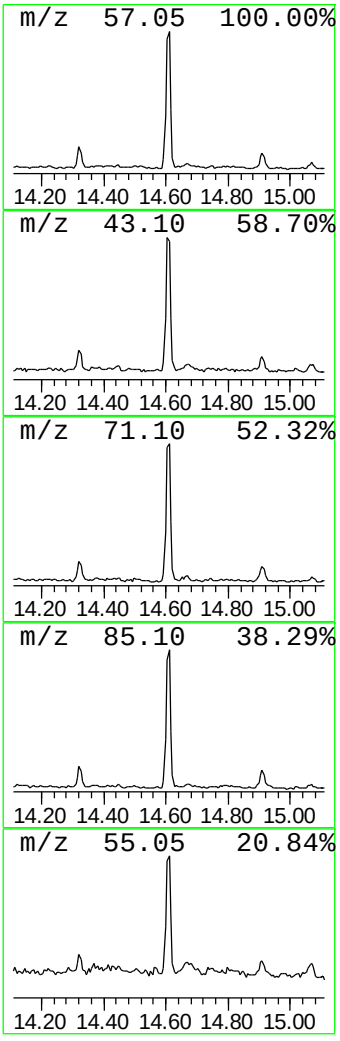
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90











Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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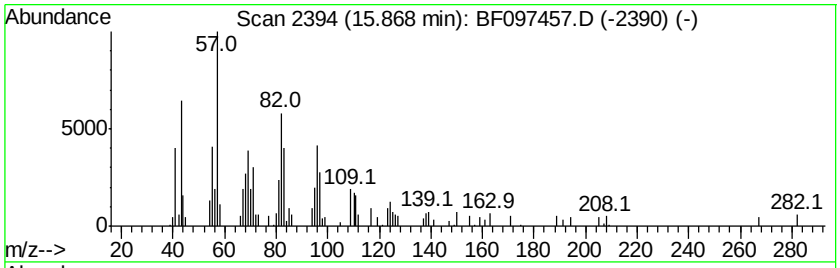
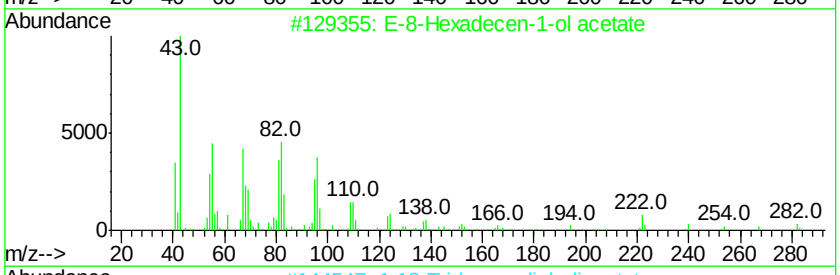
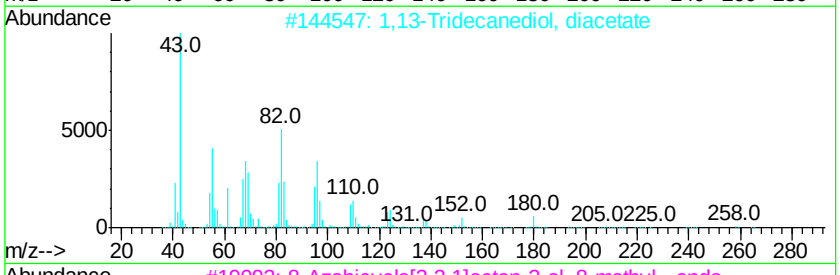
Peak Number 20 E-8-Hexadecen-1-ol acetate Concentration Rank 20

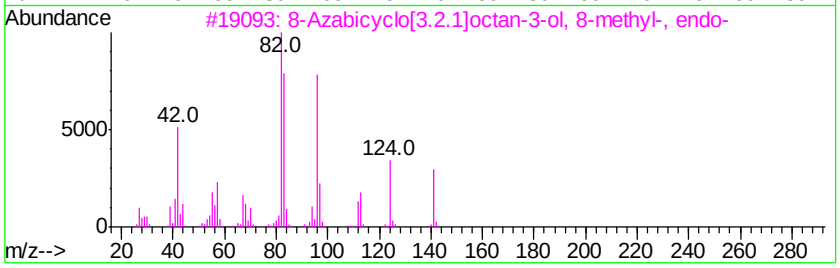
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.63 ng	98723	Perylene-d12	14.87

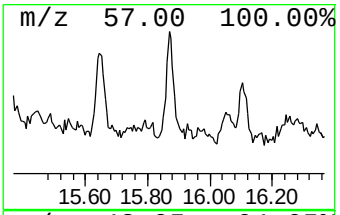
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	60
2	1,13-Tridecanediol, diacetate	300	C17H32O4	042236-70-4	59
3	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	58
4	Z-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000131-33-3	53
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	53

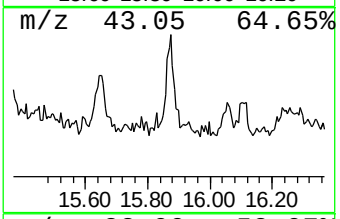


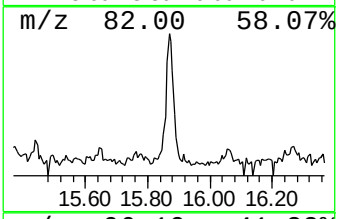


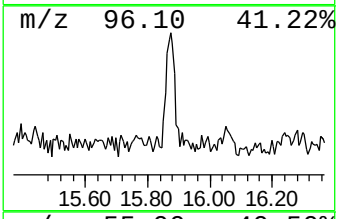


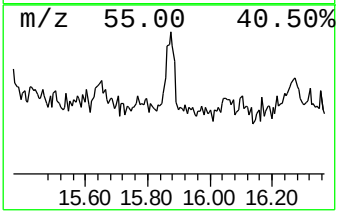












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080717\
Data File : BF097457.D
Acq On : 8 Aug 2017 5:04
Operator : SJ/JU
Sample : I4545-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-O9-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
2-Pentanone, 4-hy...	4.52	6.4	ng	219053	1	6.41	679922	20.0
Phenol, 2,5-dimet...	7.53	4.6	ng	184174	2	7.69	794119	20.0
unknown8.31	8.31	5.7	ng	227033	2	7.69	794119	20.0
Naphthalene, 2-me...	8.50	9.7	ng	384198	2	7.69	794119	20.0
Biphenyl	8.87	5.5	ng	196245	3	9.43	713593	20.0
Naphthalene, 1-et...	8.96	5.0	ng	179503	3	9.43	713593	20.0
Naphthalene, 1,6-...	9.03	12.7	ng	453585	3	9.43	713593	20.0
Naphthalene, 2,3-...	9.10	12.1	ng	433123	3	9.43	713593	20.0
Naphthalene, 2-(1...	9.55	4.8	ng	172827	3	9.43	713593	20.0
Naphthalene, 2,3,...	9.65	6.2	ng	219696	3	9.43	713593	20.0
1,1'-Biphenyl, 4-...	9.95	8.1	ng	288633	3	9.43	713593	20.0
2-Methoxybenzyl a...	10.34	9.4	ng	277277	4	10.91	590830	20.0
Hexadecane	10.36	9.0	ng	264828	4	10.91	590830	20.0
Tetradecane	10.80	6.2	ng	182118	4	10.91	590830	20.0
4b,8-Dimethyl-2-i...	11.85	7.9	ng	232468	4	10.91	590830	20.0
10,18-Bisnorabiet...	12.16	6.8	ng	201691	4	10.91	590830	20.0
Retene	12.63	50.2	ng	1580980	5	13.53	630143	20.0
Octacosane	14.61	17.3	ng	368377	6	14.87	426826	20.0
E-8-Hexadecen-1-o...	15.87	4.6	ng	98723	6	14.87	426826	20.0