LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097346.D
Acq On : 4 Aug 2017 5:00
Operator : SJ/JU
Sample : I4562-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-C

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	4.569	453	456	472	rBV	123831	180778	8.87%	0.473%
2	5.045	533	537	555	rBV	1676729	2016681	98.92%	5.274%
3	6.098	711	716	717	rBV	107497	97337	4.77%	0.255%
4	6.122	717	720	729	rVV	1819128	2038667	100.00%	5.331%
5	6.186	729	731	734	rVV2	64383	83808	4.11%	0.219%
6	6.222	734	737	743	rVV	1890992	1961841	96.23%	5.130%
7	6.298	748	750	754	rVB	227816	203622	9.99%	0.532%
8	6.445	772	775	779	rVV	652797	609622	29.90%	1.594%
9	6.604	797	802	811	rVB	1610068	1529066	75.00%	3.999%
10	6.745	823	826	829	rVB2	56220	74310	3.65%	0.194%
11	6.781	829	832	834	rBV	87576	73552	3.61%	0.192%
12	7.016	869	872	876	rBV	1040604	945780	46.39%	2.473%
13	7.069	879	881	884	rBV	254900	200655	9.84%	0.525%
14	7.110	886	888	892	rVB2	81629	83360	4.09%	0.218%
15	7.257	910	913	918	rBV3	212195	197445	9.69%	0.516%
16	7.369	925	932	935	rBV5	150415	222630	10.92%	0.582%
17	7.475	947	950	953	rBV2	100443	106296	5.21%	0.278%
18	7.510	953	956	961	rVB4	129508	165066	8.10%	0.432%
19	7.551	961	963	964	rBV	129056	101079	4.96%	0.264%
20	7.569	964	966	970	rVB2	121935	122434	6.01%	0.320%
21	7.633	975	977	984	rVB3	91480	92555	4.54%	0.242%
22	7.698	984	988	990	rBV4	83633	129837	6.37%	0.340%
23	7.733	990	994	996	rBV	1072475	1145080	56.17%	2.994%
24	7.751	996	997	1001	rVB	1016721	672226	32.97%	1.758%
25	7.816	1006	1008	1010	rBV	160287	111979	5.49%	0.293%
26	7.869	1014	1017	1019	rVB3	75941	74024	3.63%	0.194%
27	7.916	1019	1025	1026	rBV5	112450	175872	8.63%	0.460%
28	8.022	1041	1043	1047	rVV3	111135	156300	7.67%	0.409%
29	8.098	1053	1056	1058	rBV2	113619	102706	5.04%	0.269%
30	8.128	1058	1061	1064	rVB4	124640	151426	7.43%	0.396%
31	8.175	1066	1069	1073	rBV3	407295	450428	22.09%	1.178%
32	8.233	1076	1079	1083	rVB2	122100	107359	5.27%	0.281%
33	8.280	1083	1087	1089	rBV3	60176	85649	4.20%	0.224%
34	8.345	1093	1098	1102	rBV2	365667	425211	20.86%	1.112%

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Instrument : BNA_F
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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	8.386	1102	1105	1109	rBV3	126390	164129	8.05%	0.429%
36	8.439	1109	1114	1117	rVB	504710	564710	27.70%	1.477%
37	8.539	1128	1131	1132	rBV	334133	292395	14.34%	0.765%
38	8.622	1141	1145	1147	rBV3	104228	156383	7.67%	0.409%
39	8.645	1147	1149	1151	rVB3	87064	74303	3.64%	0.194%
40	8.675	1151	1154	1156	rBV4	96986	95743	4.70%	0.250%
41	8.745	1163	1166	1168	rBV3	140244	139385	6.84%	0.364%
42	8.769	1168	1170	1173	rVV2	468961	390880	19.17%	1.022%
43	8.804	1173	1176	1180	rVB	1813241	1686470	82.72%	4.410%
44	8.904	1189	1193	1197	rBV	474040	491370	24.10%	1.285%
45	8.951	1198	1201	1204	rVV2	187648	214057	10.50%	0.560%
46	8.980	1204	1206	1208	rVB2	131407	102195	5.01%	0.267%
47	9.016	1208	1212	1216	rVB5	75866	143142	7.02%	0.374%
48	9.063	1216	1220	1223	rBV4	150860	242673	11.90%	0.635%
49	9.139	1230	1233	1235	rBV	148510	157677	7.73%	0.412%
50	9.204	1242	1244	1246	rBV	340278	342948	16.82%	0.897%
51	9.333	1263	1266	1268	rBV2	128407	119473	5.86%	0.312%
52	9.427	1279	1282	1285	rBV	328313	267422	13.12%	0.699%
53	9.469	1285	1289	1292	rVV	776243	824943	40.46%	2.157%
54	9.504	1292	1295	1299	rVB	483440	433666	21.27%	1.134%
55	9.674	1318	1324	1330	rVV	332197	409840	20.10%	1.072%
56	9.751	1334	1337	1340	rVB2	126451	131482	6.45%	0.344%
57	9.786	1340	1343	1346	rBV2	93005	121883	5.98%	0.319%
58	9.922	1364	1366	1370	rVB	221815	197675	9.70%	0.517%
59	10.016	1379	1382	1385	rBV	611932	492803	24.17%	1.289%
60	10.145	1399	1404	1406	rBV2	131312	146189	7.17%	0.382%
61	10.257	1420	1423	1427	rVB	944412	871969	42.77%	2.280%
62	10.392	1443	1446	1452	rVB	212451	282153	13.84%	0.738%
63	10.563	1470	1475	1477	rBV	71477	82472	4.05%	0.216%
64	10.839	1519	1522	1525	rVV	300644	253680	12.44%	0.663%
65	10.869	1525	1527	1532	rVB	103734	106100	5.20%	0.277%
66	10.945	1536	1540	1542	rBV	665771	680962	33.40%	1.781%
67	10.974	1542	1545	1548	rVB	1794831	1695521	83.17%	4.434%
68	11.021	1548	1553	1556	rBV	670555	576477	28.28%	1.508%
69	11.180	1577	1580	1584	rBV	282359	240811	11.81%	0.630%
70	11.263	1592	1594	1599	rVB2	106129	115932	5.69%	0.303%
71	11.445	1622	1625	1627	rBV	254983	211108	10.36%	0.552%

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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-080117-C

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

72	11.474	1627	1630	1633	rVV	320750	258668	12.69%	0.676%
73	11.521	1636	1638	1640	rVV	135417	102772	5.04%	0.269%
74	11.551	1640	1643	1646	rVV	401938	428377	21.01%	1.120%
75	11.574	1646	1647	1654	rVB	168528	140781	6.91%	0.368%
76	11.668	1660	1663	1667	rVV3	104397	118821	5.83%	0.311%
77	11.739	1672	1675	1677	rVB	149211	114875	5.63%	0.300%
78	11.992	1715	1718	1721	rBV	138760	147371	7.23%	0.385%
79	12.033	1721	1725	1727	rVV3	49890	86191	4.23%	0.225%
80	12.151	1741	1745	1749	rBV	1410128	1370484	67.22%	3.584%
81	12.298	1766	1770	1772	rBV2	80899	100055	4.91%	0.262%
82	12.374	1778	1783	1786	rBV2	1260910	1463020	71.76%	3.826%
83	12.427	1789	1792	1798	rVB2	141422	180441	8.85%	0.472%
84	12.527	1805	1809	1816	rVB	1367262	1298985	63.72%	3.397%
85	12.604	1819	1822	1824	rVV	72190	82107	4.03%	0.215%
86	12.704	1837	1839	1843	rVB	232312	227924	11.18%	0.596%
87	12.774	1847	1851	1854	rVV2	250871	300963	14.76%	0.787%
88	12.810	1854	1857	1864	rVB	141559	182912	8.97%	0.478%
89	12.898	1869	1872	1875	rBV2	90819	81613	4.00%	0.213%
90	12.927	1875	1877	1880	rBV	91499	80066	3.93%	0.209%
91	13.121	1907	1910	1914	rVB2	76910	82074	4.03%	0.215%
92	13.439	1961	1964	1970	rVB4	242107	322036	15.80%	0.842%
93	13.562	1981	1985	1988	rBV2	673589	941659	46.19%	2.462%
94	13.592	1988	1990	1994	rVB	405687	389053	19.08%	1.017%
95	13.668	2001	2003	2008	rVB	114687	109568	5.37%	0.287%
96	13.762	2017	2019	2023	rVB2	85797	72763	3.57%	0.190%
97	14.562	2152	2155	2162	rVB	316020	467220	22.92%	1.222%
98	14.809	2195	2197	2202	rVB	168484	160018	7.85%	0.418%
99	14.862	2203	2206	2211	rVB	275505	296139	14.53%	0.774%
100	14.915	2212	2215	2217	rBV	212980	217496	10.67%	0.569%

Sum of corrected areas: 38240154

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097346.D
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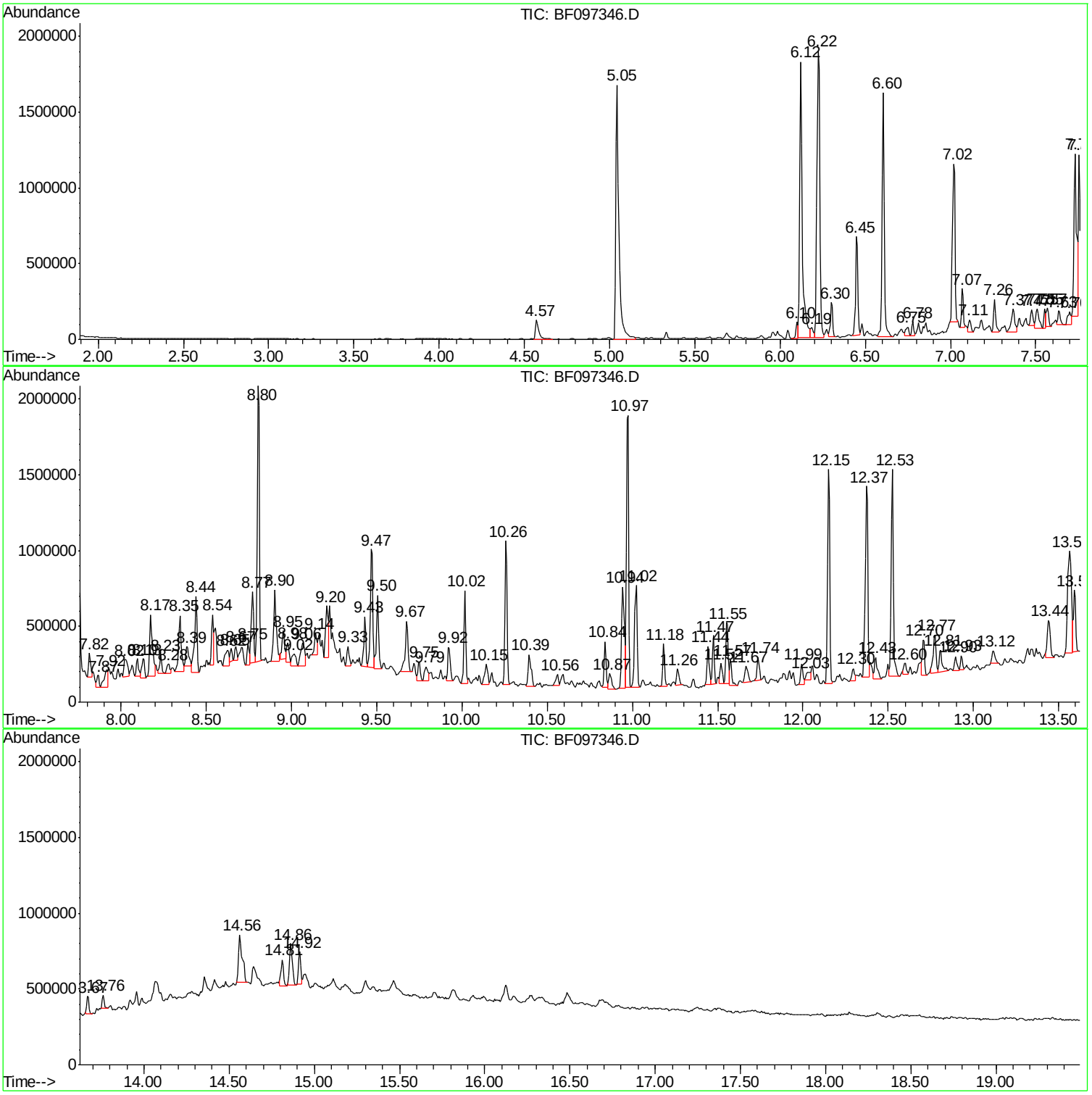
Operator : SJ/JU
Sample : I4562-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-C

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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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

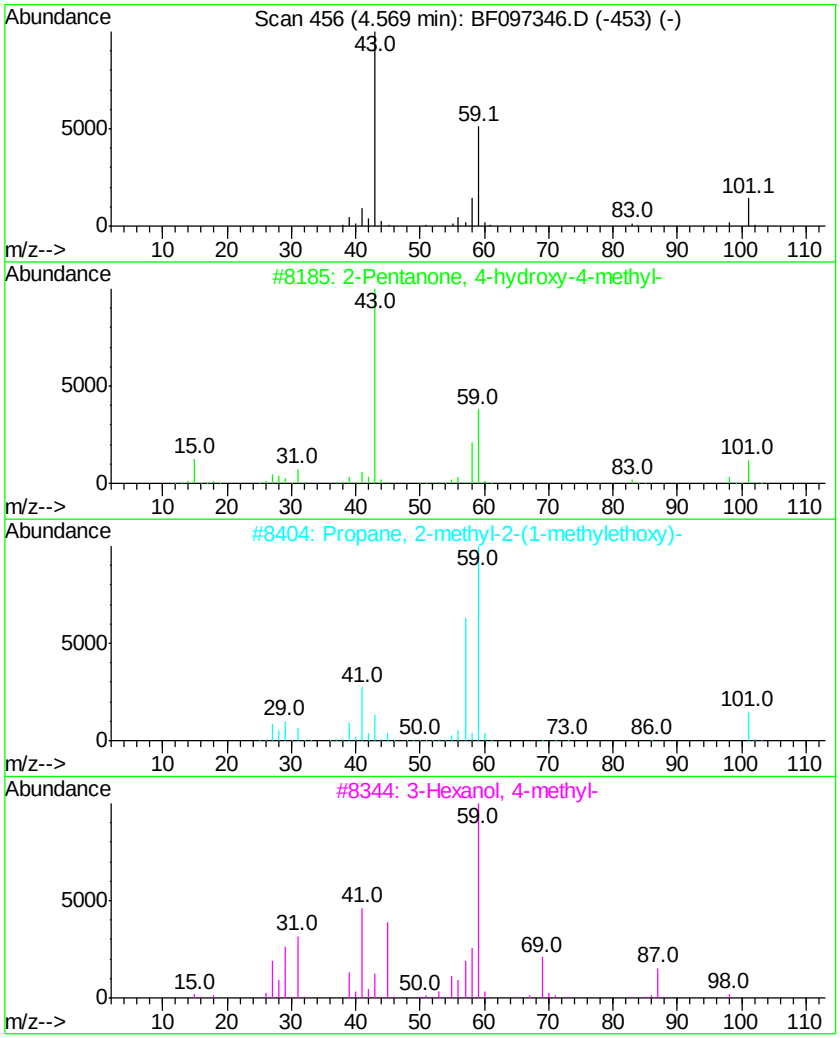
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

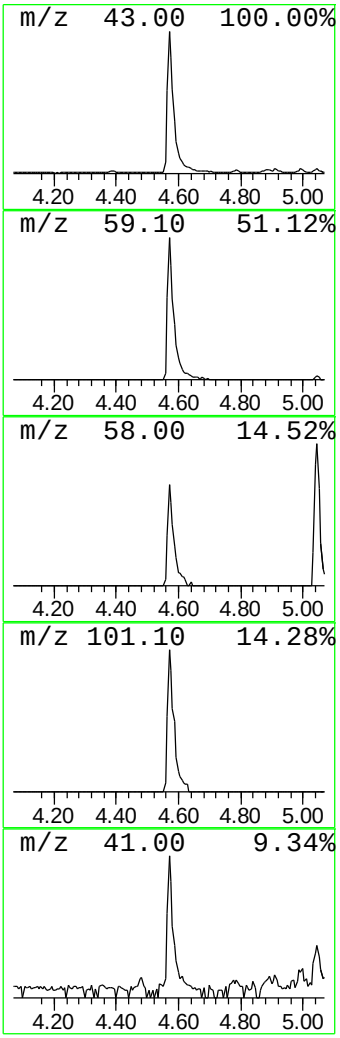
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	5.93 ng	180778	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





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

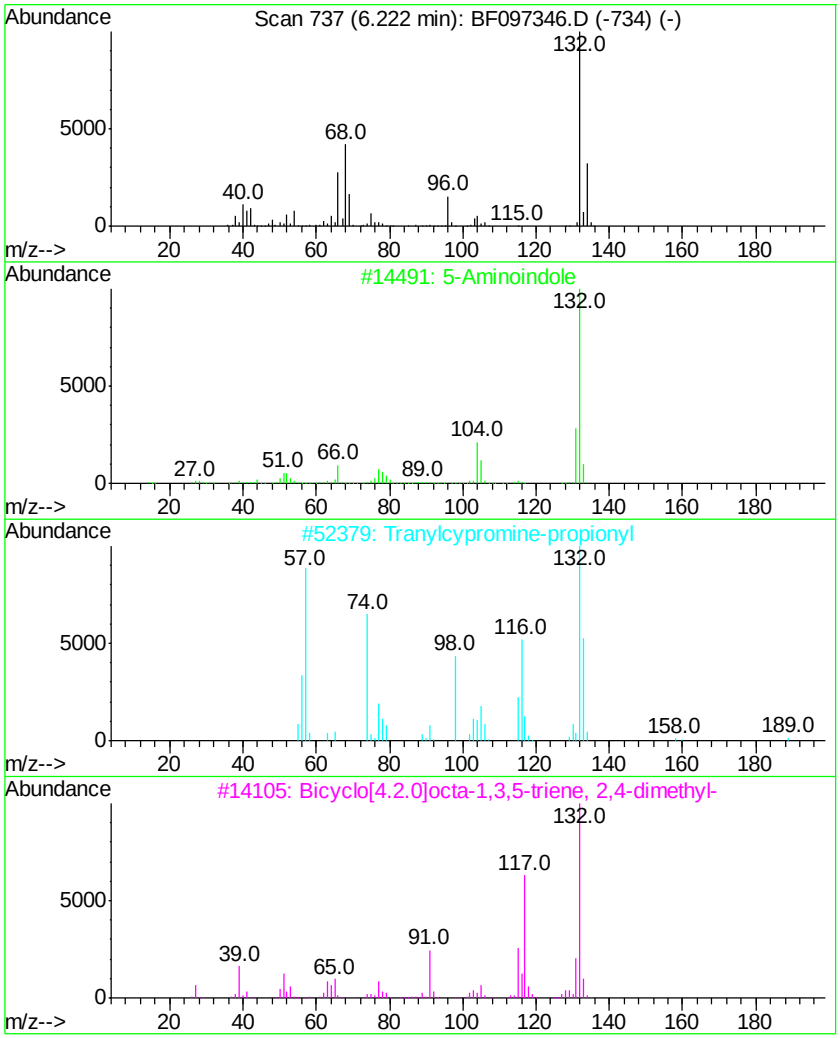
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

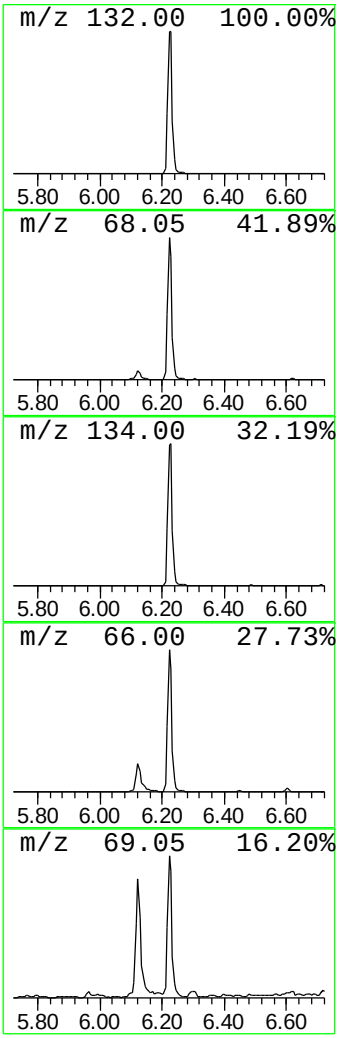
****

Peak Number 2 unknown6.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	64.36 ng	1961840	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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ClientSampleId : JC-02-080117-C

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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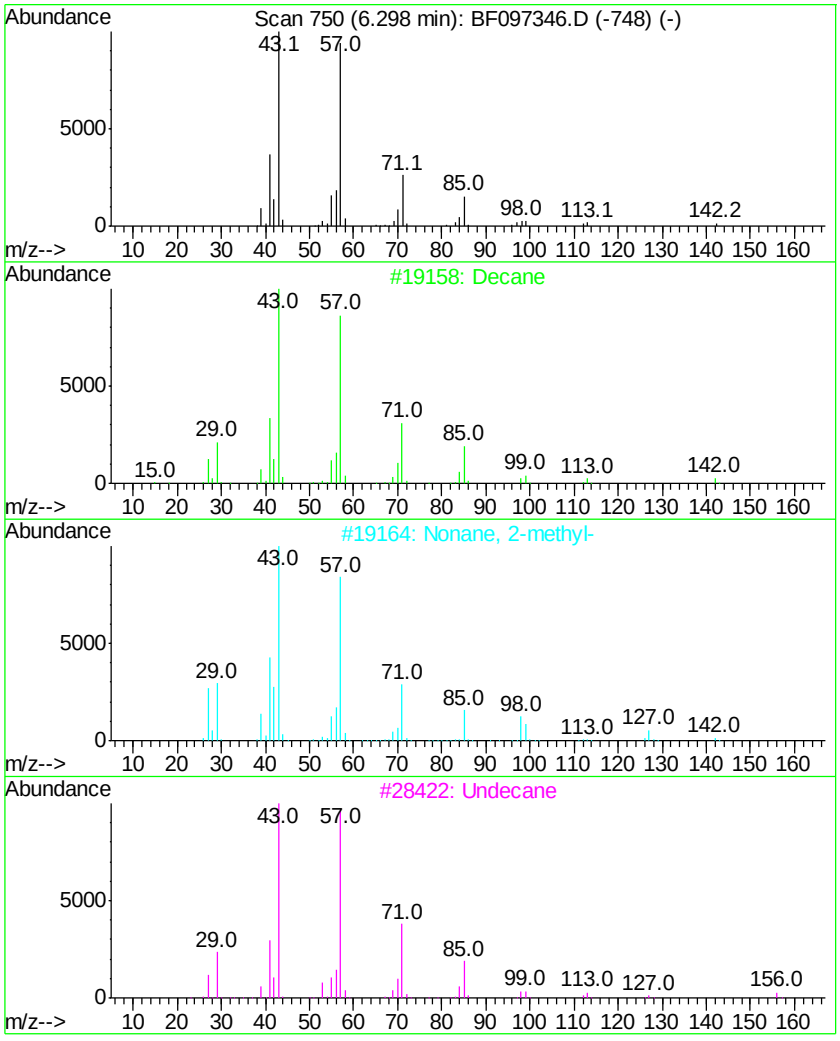
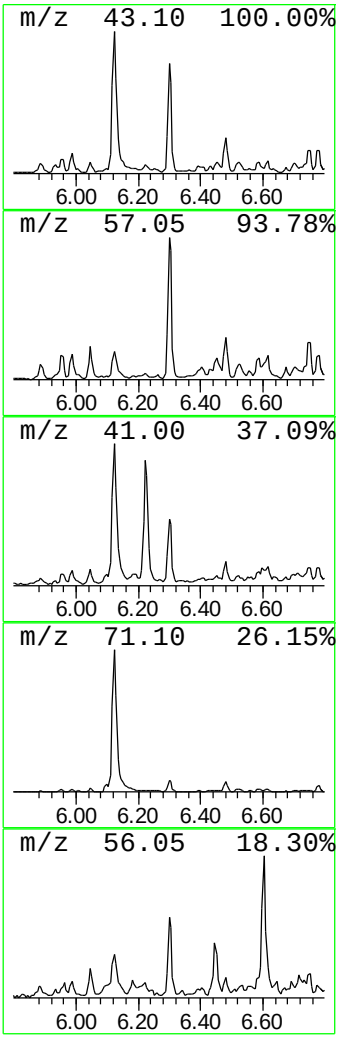
Peak Number 3 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	6.68 ng	203622	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	78
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
3	Undecane	156	C11H24	001120-21-4	72
4	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	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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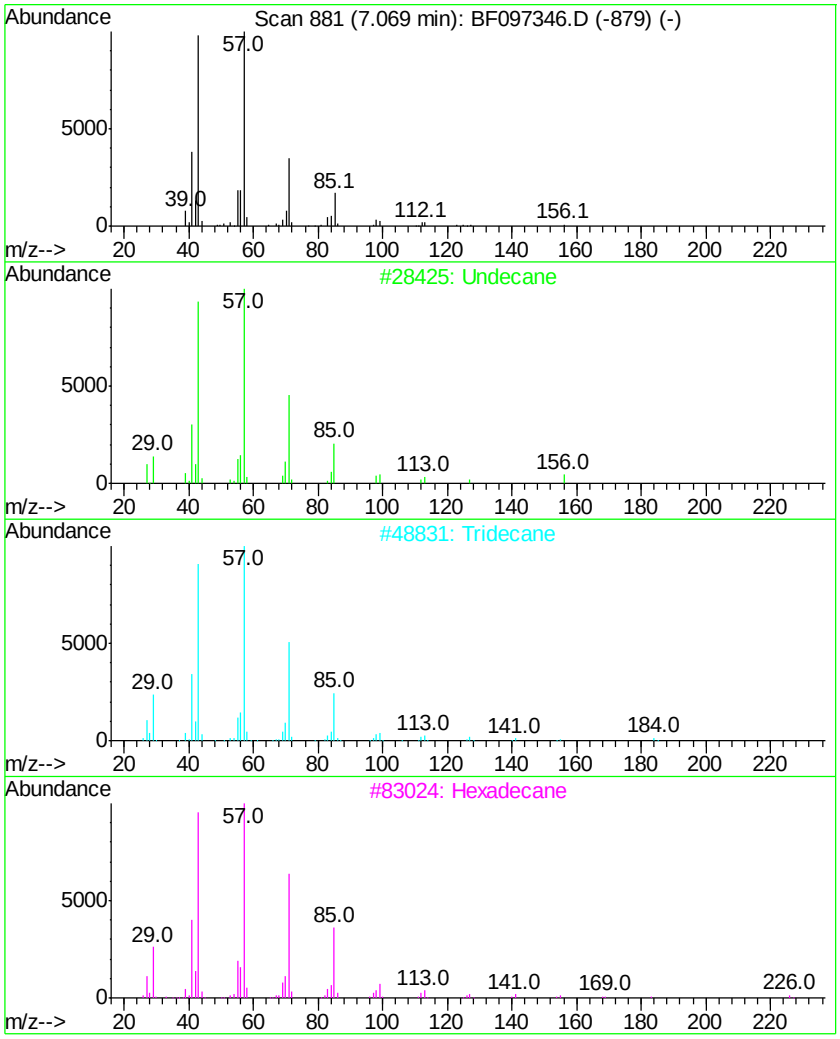
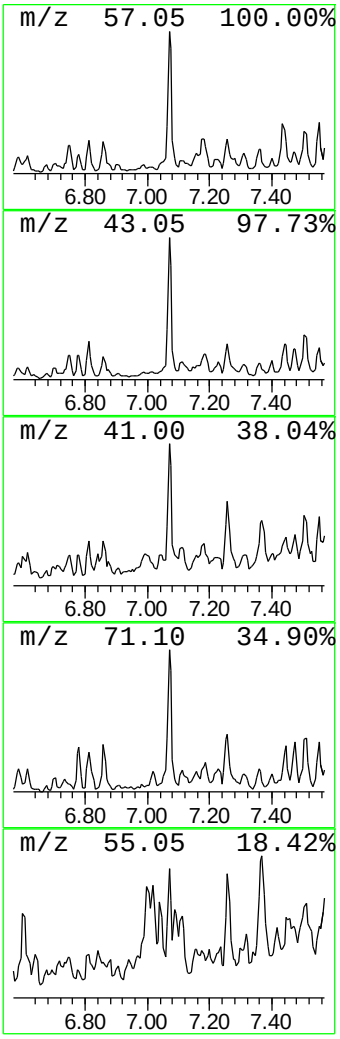
Peak Number 5 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	6.58 ng	200655	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Tridecane	184	C13H28	000629-50-5	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	Decane, 2-methyl-	156	C11H24	006975-98-0	59
5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	59





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-C

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

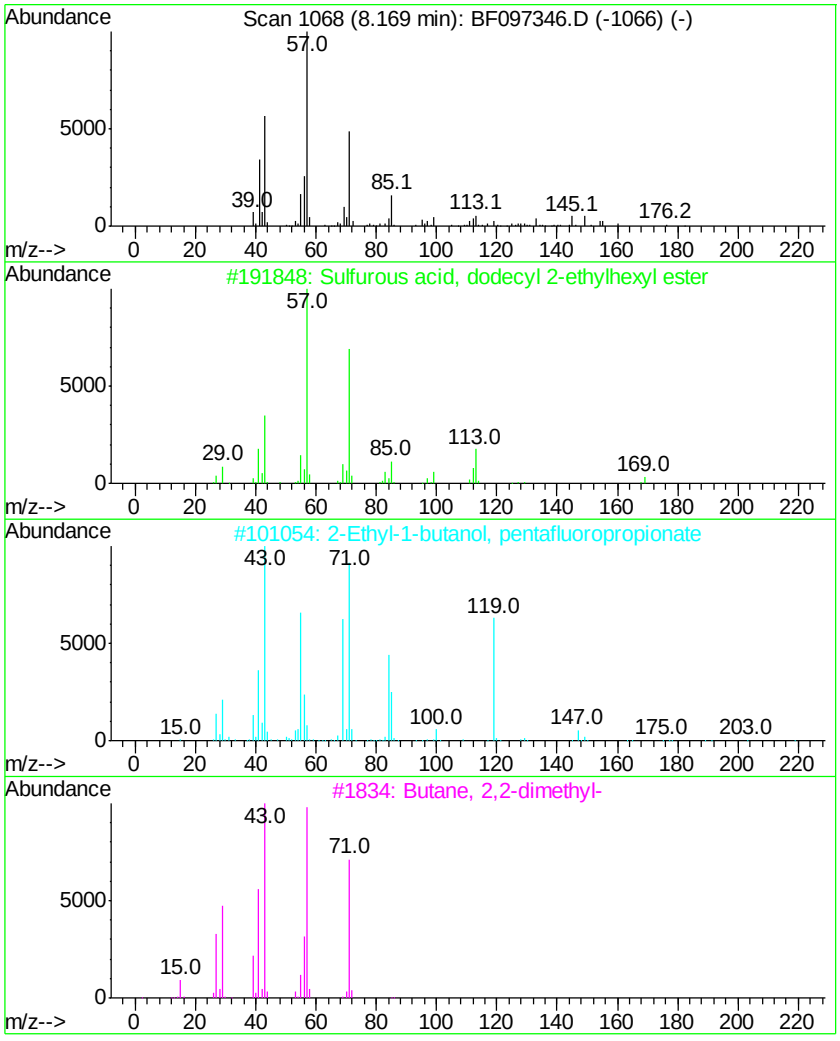
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

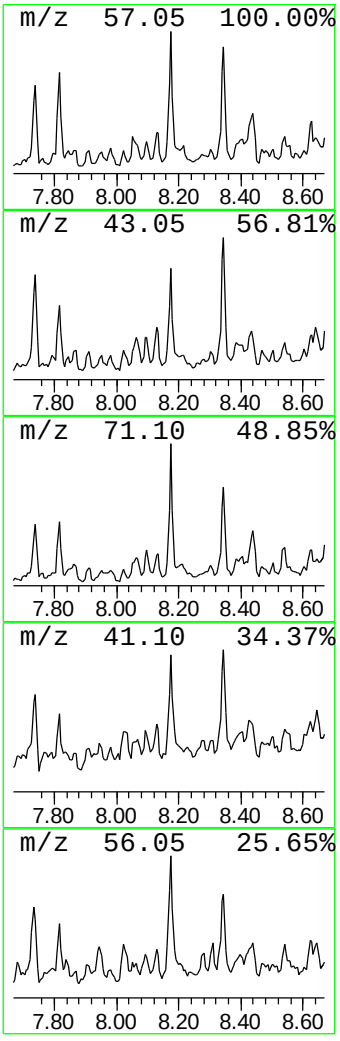
****

Peak Number 6 Sulfurous acid, dodecyl 2-e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.87 ng	450428	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53
2	2-Ethyl-1-butanol, pentafluoropr...	248	C9H13F5O2	1000352-36-5	47
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	43





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Operator : SJ/JU
Sample : I4562-07
Misc :
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ClientSampleId : JC-02-080117-C

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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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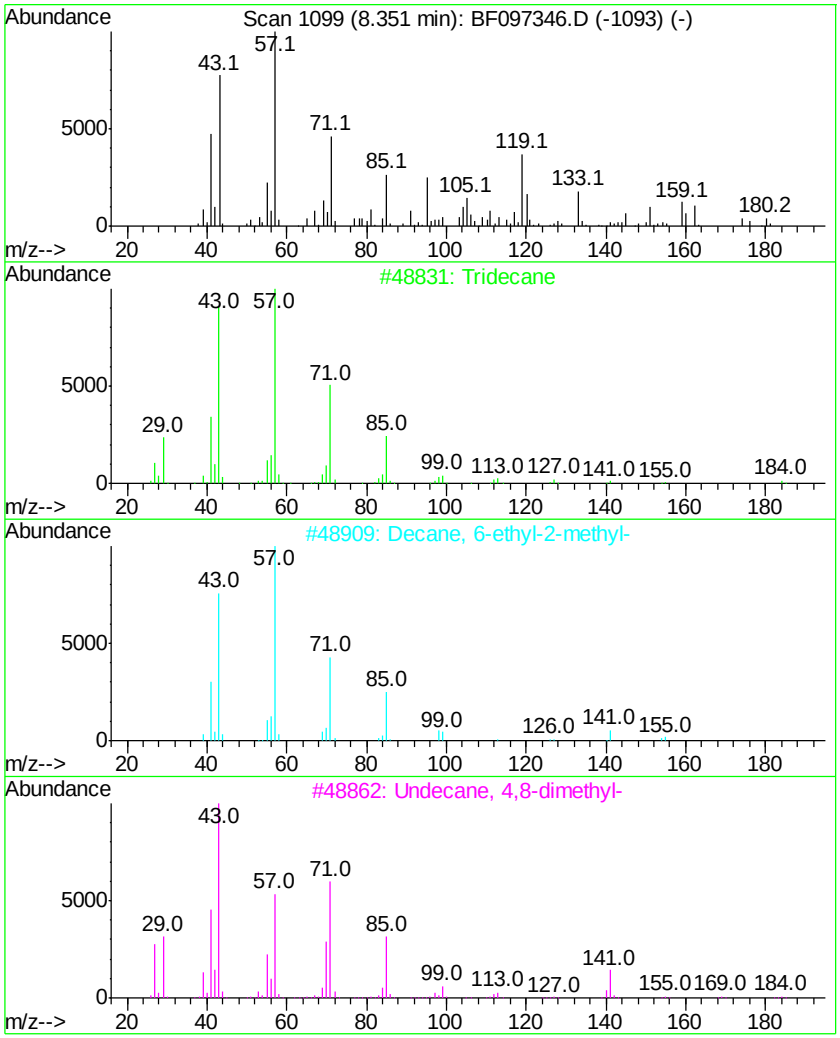
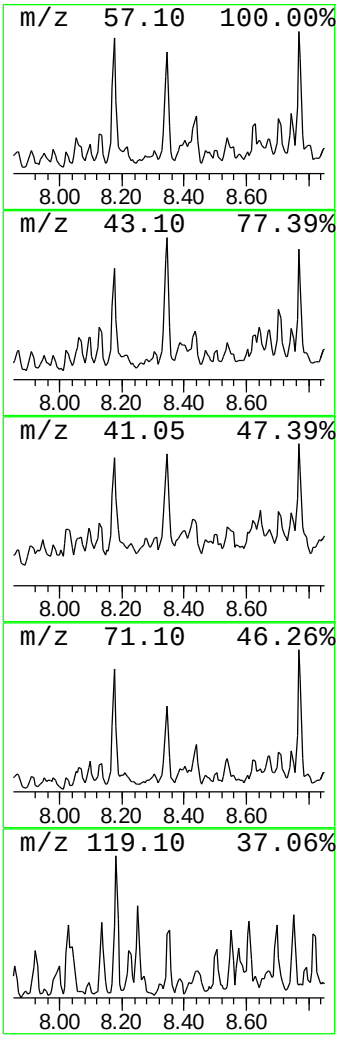
Peak Number 7 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	7.43 ng	425211	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	68
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	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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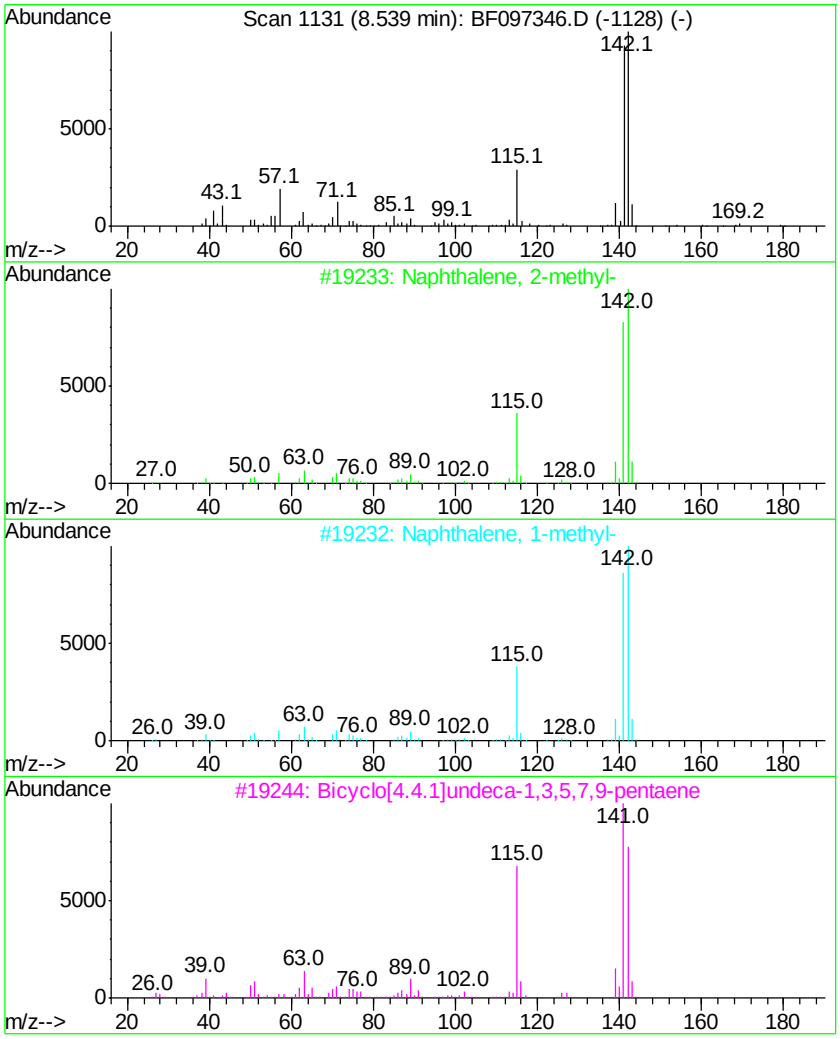
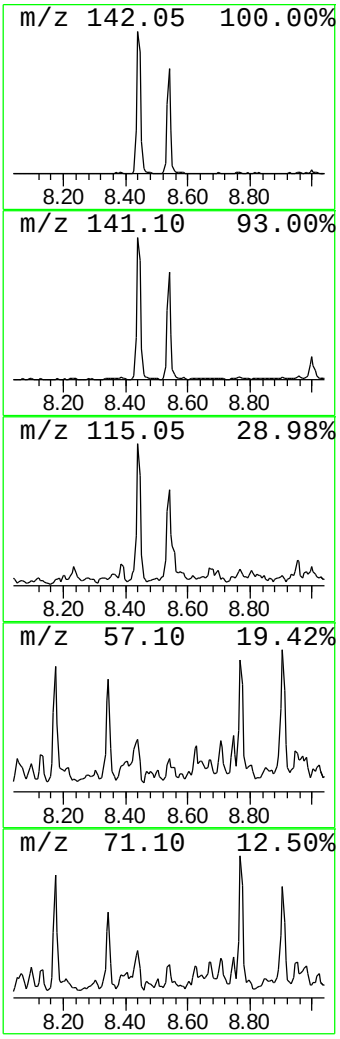
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	5.11 ng	292395	Naphthalene-d8	7.73

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	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





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

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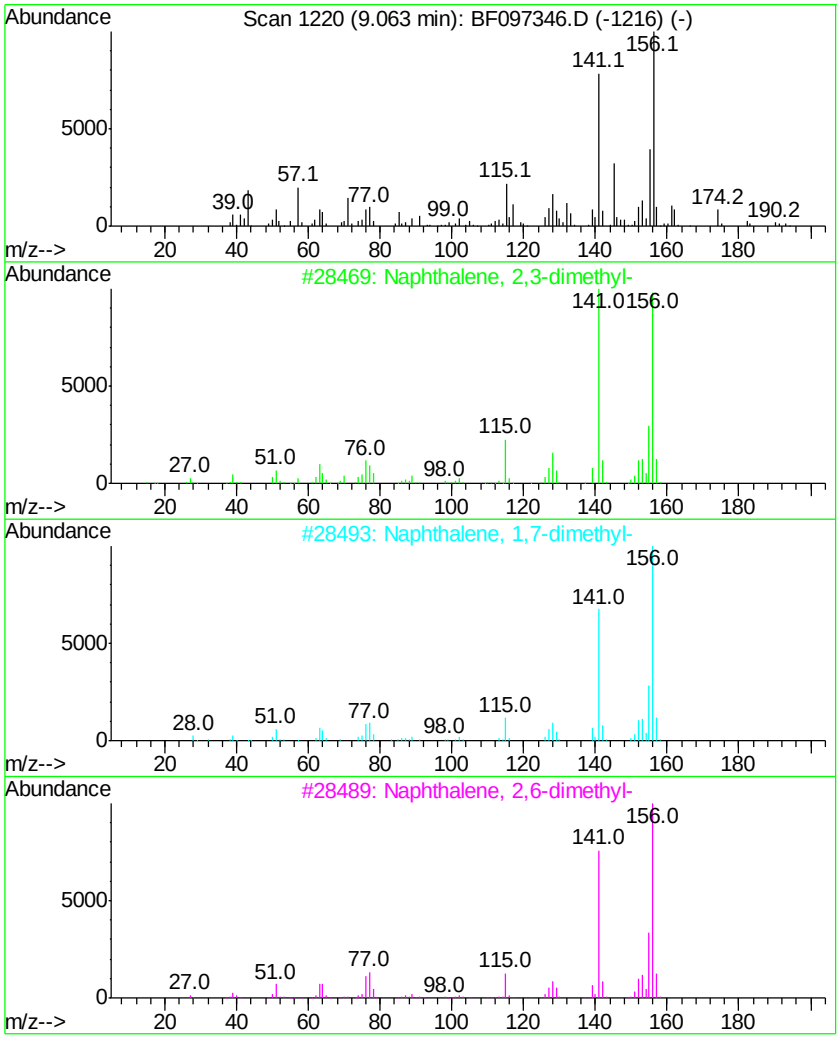
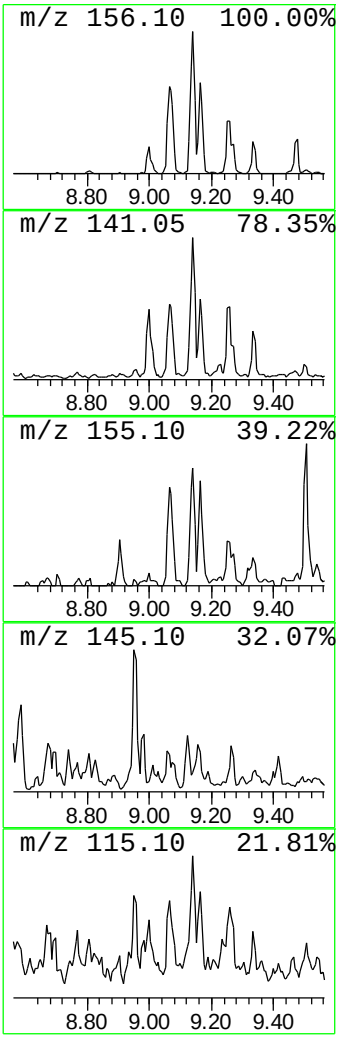
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	5.88 ng	242673	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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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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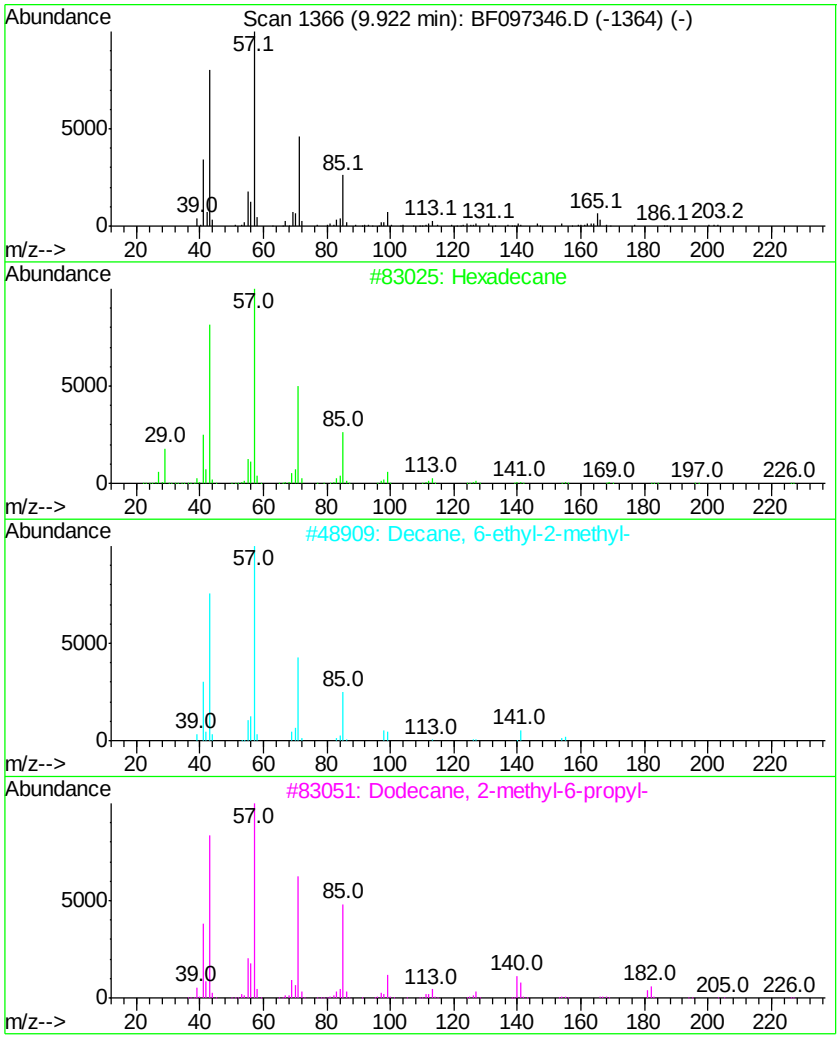
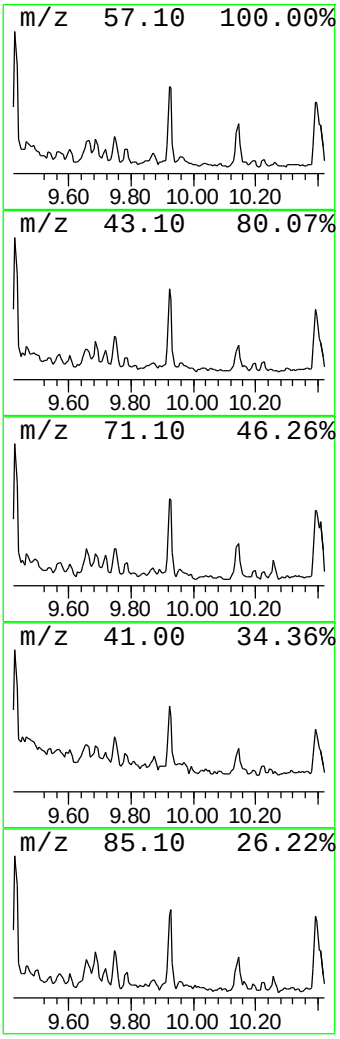
Peak Number 10 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	4.79 ng	197675	Acenaphthene-d10	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
4	Pentadecane	212	C15H32	000629-62-9	78
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





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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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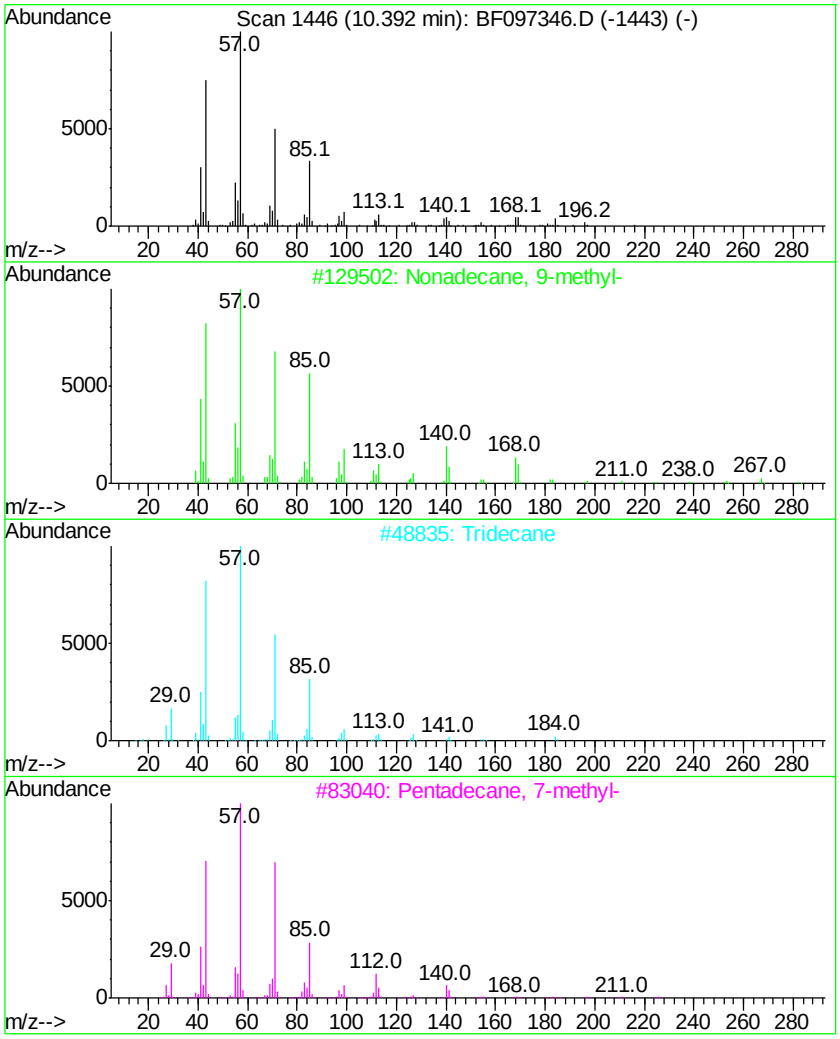
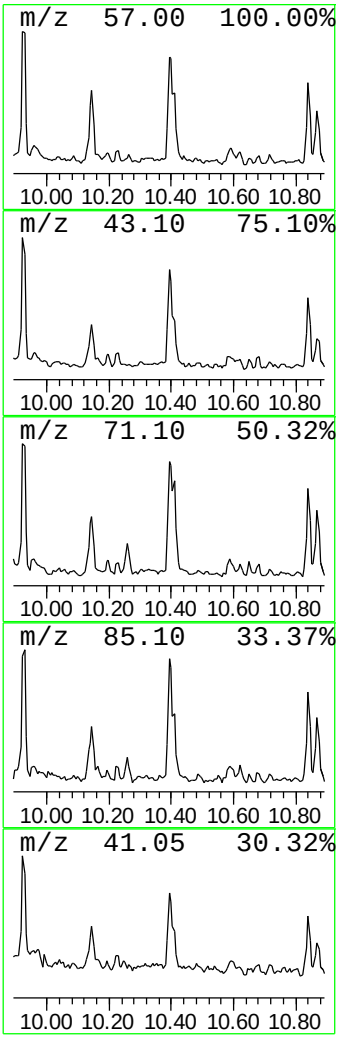
Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	8.29 ng	282153	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
2	Tridecane	184	C13H28	000629-50-5	74
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Octacosane	394	C28H58	000630-02-4	68
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	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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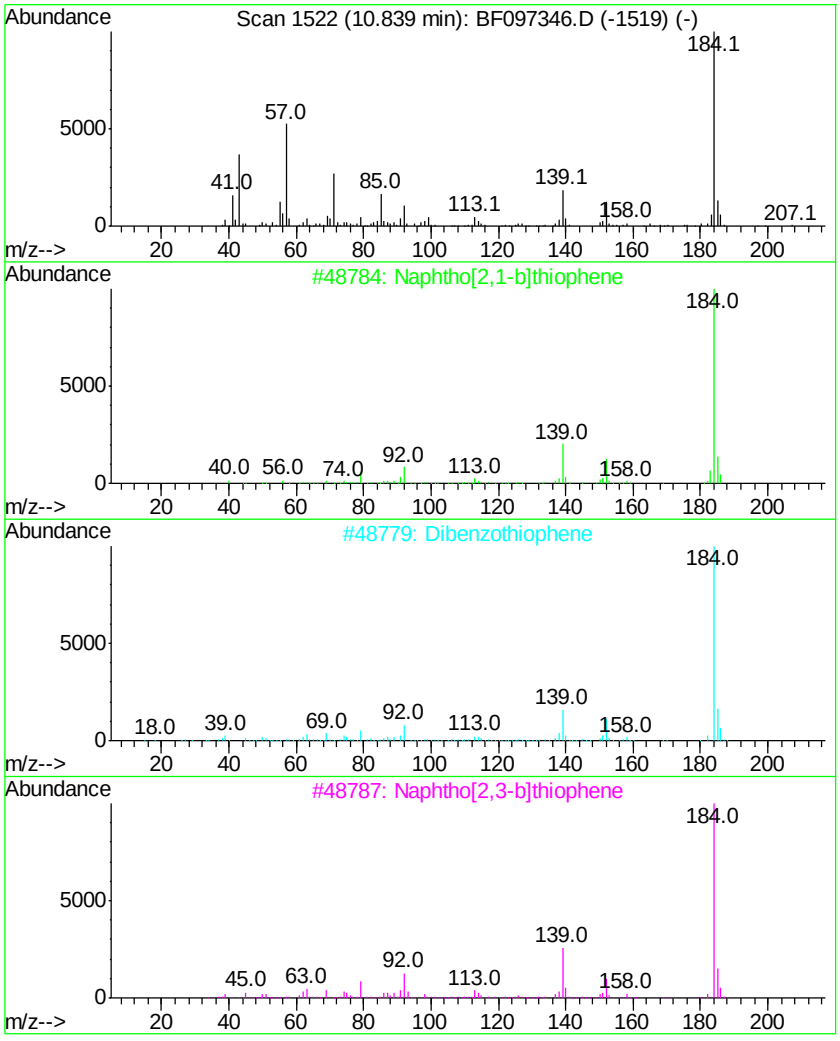
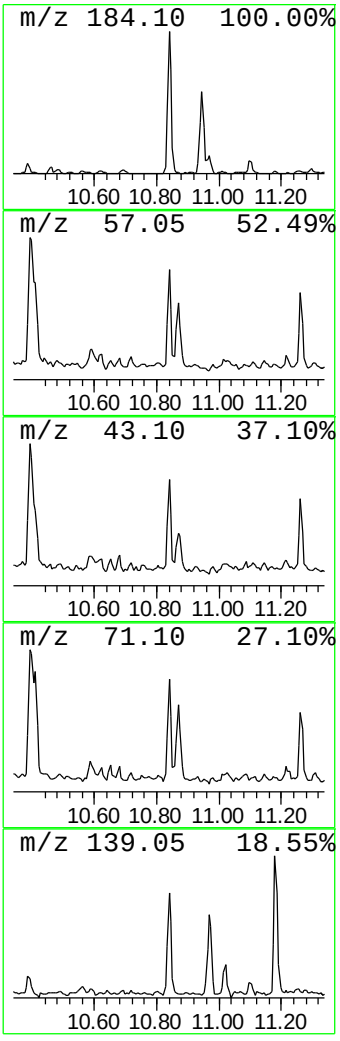
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	7.45 ng	253680	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	93





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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 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	6.20 ng	211108	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
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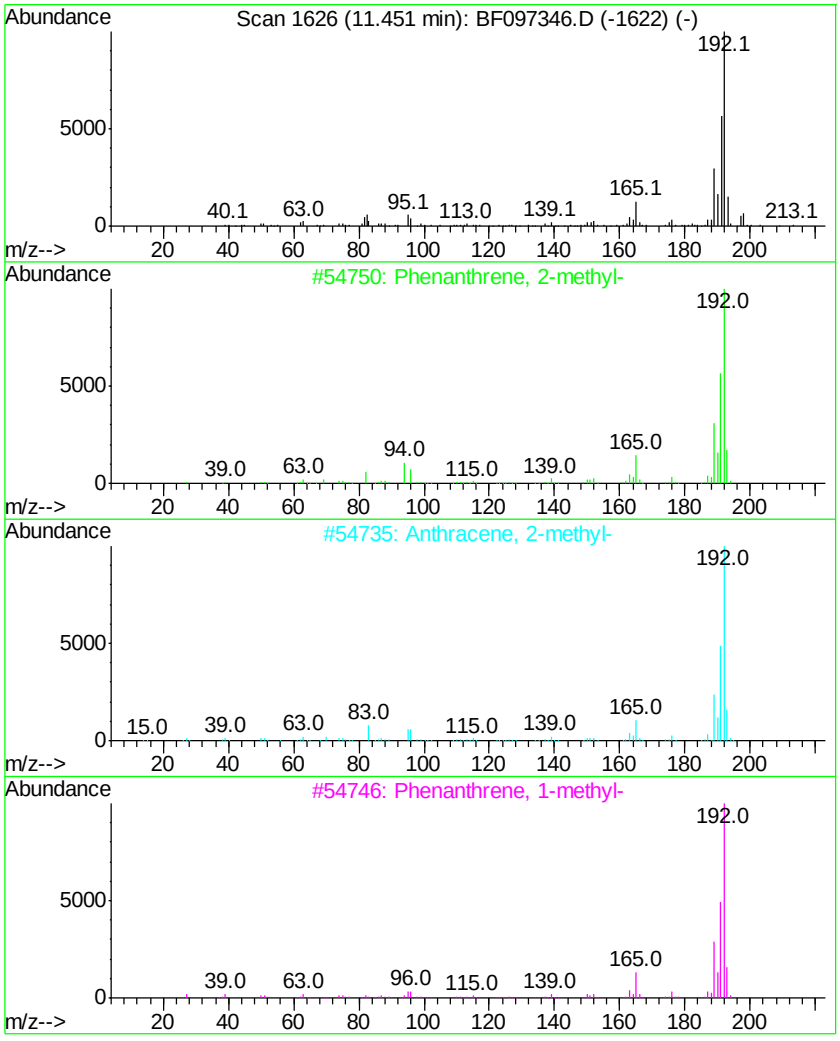

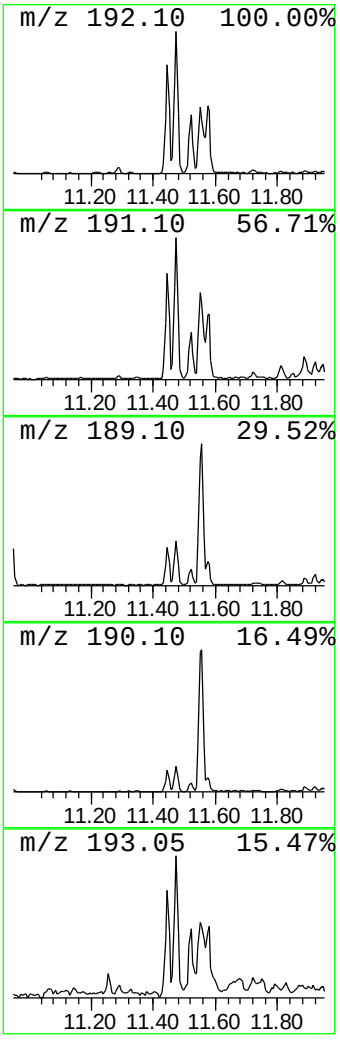

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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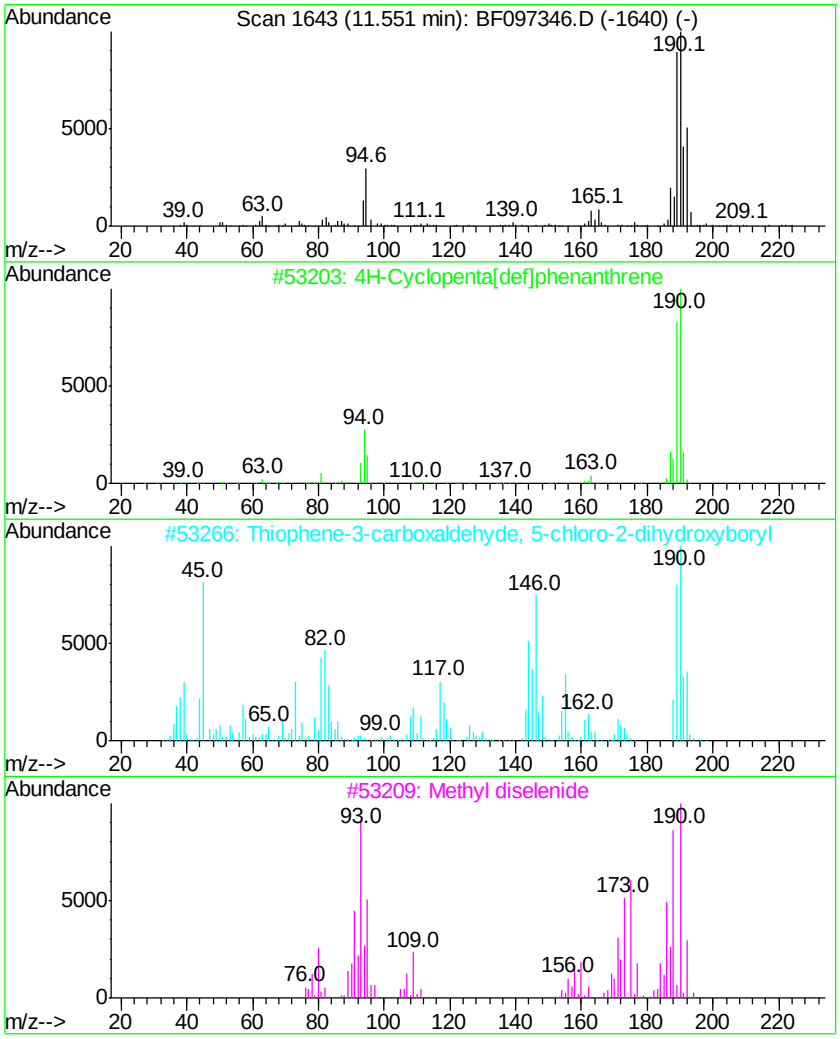
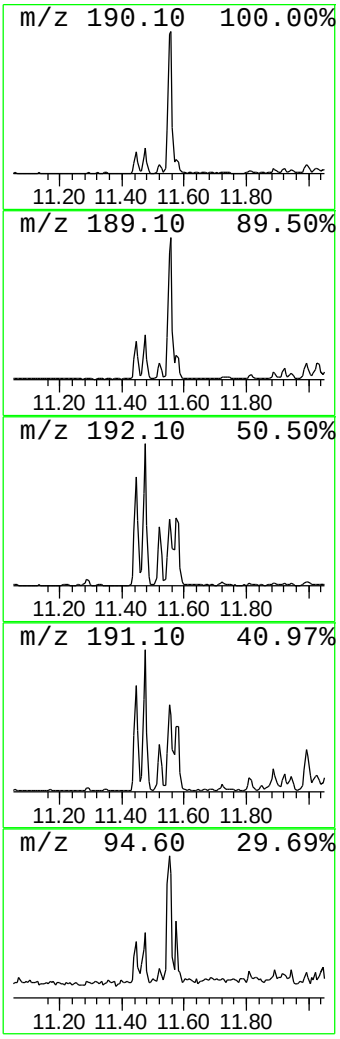
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	12.58 ng	428377	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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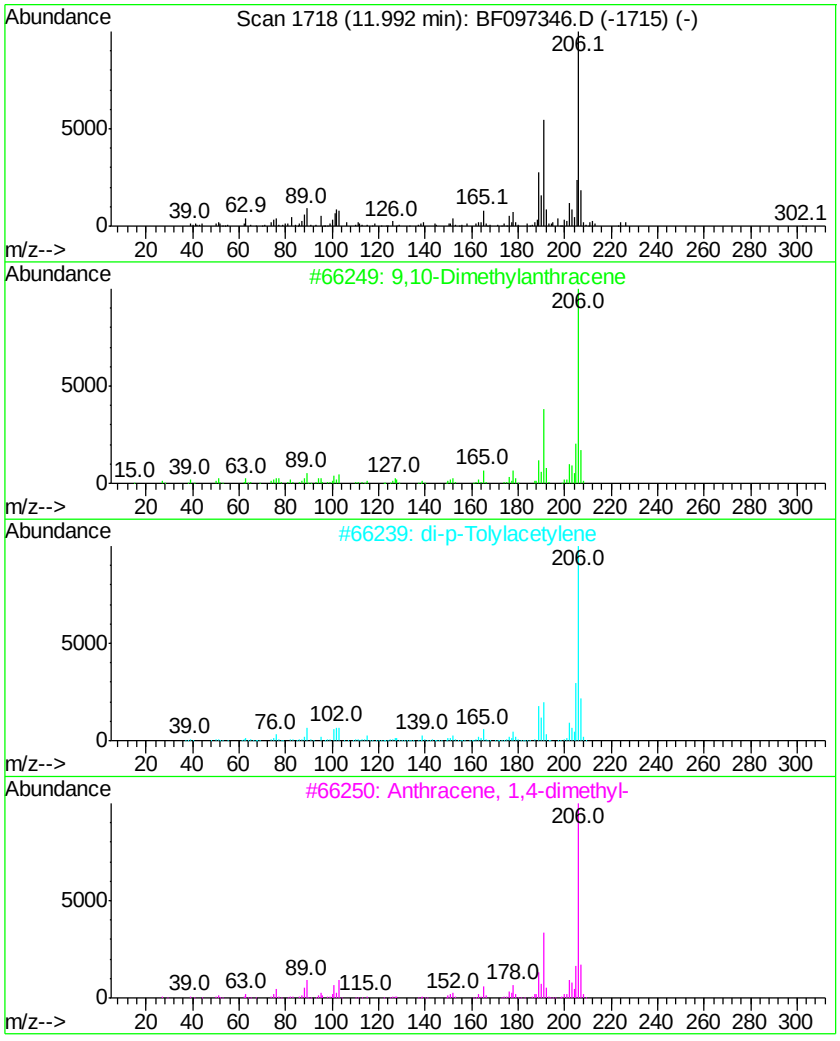
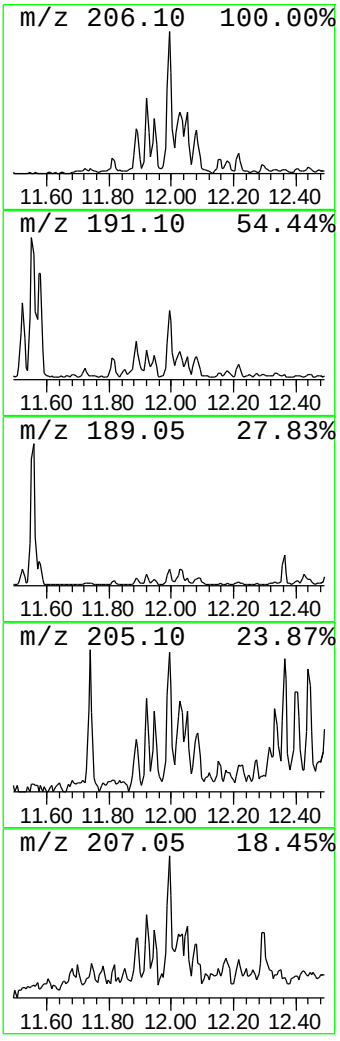
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	4.33 ng	147371	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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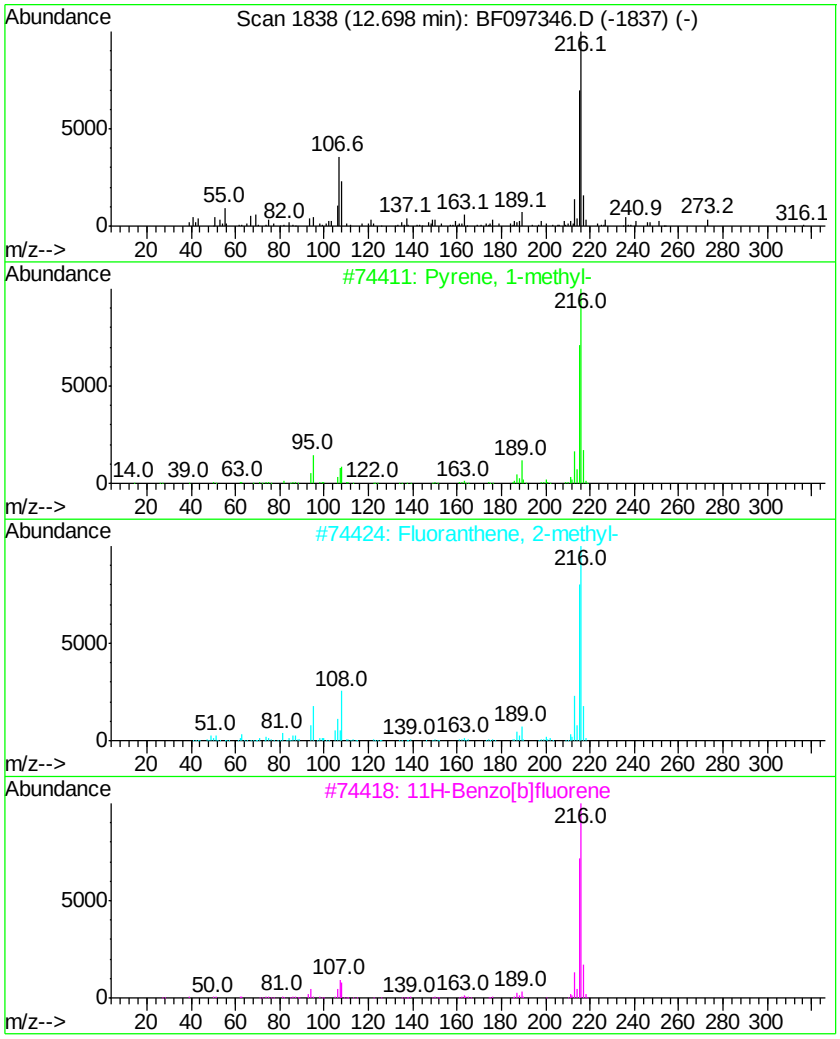
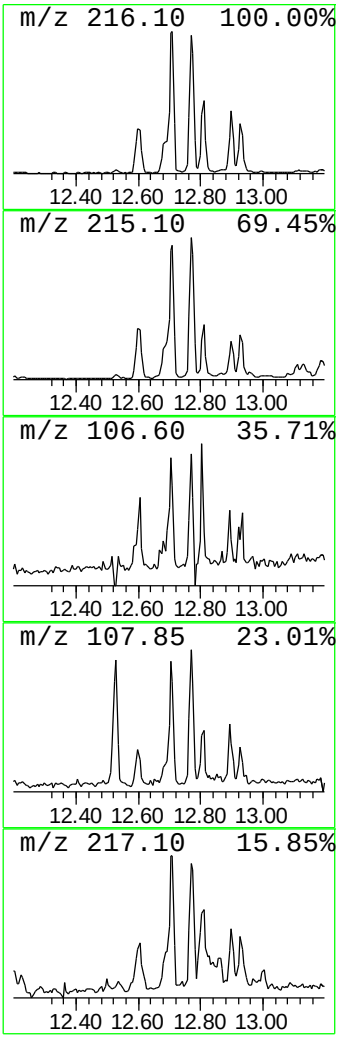
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.84 ng	227924	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.39 ng	300963	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
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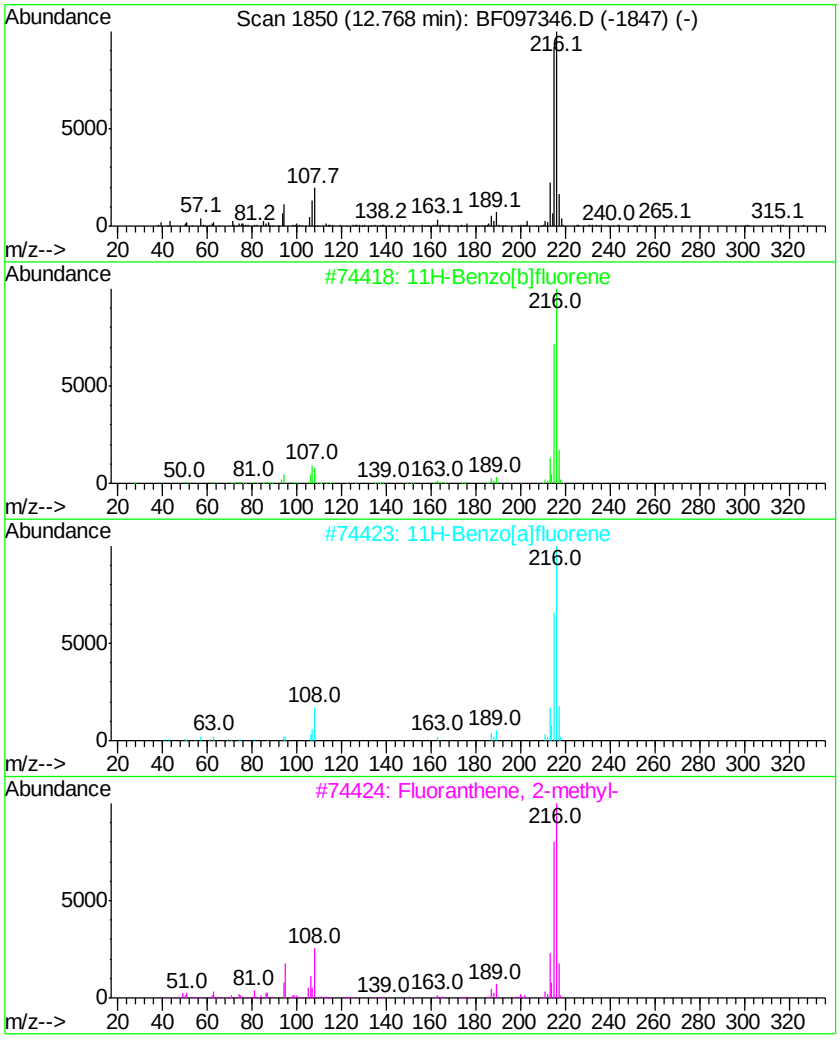

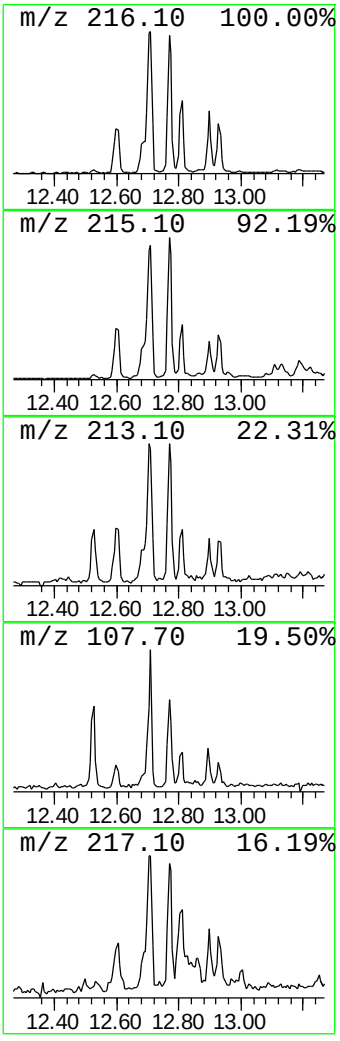

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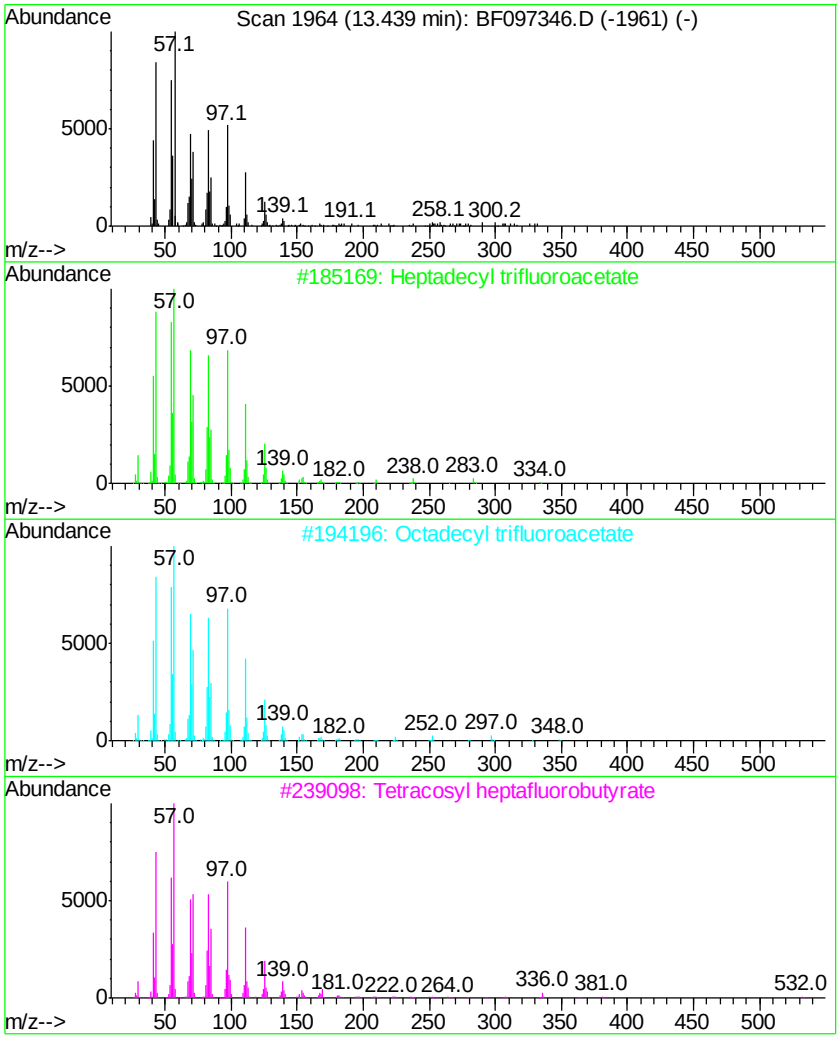
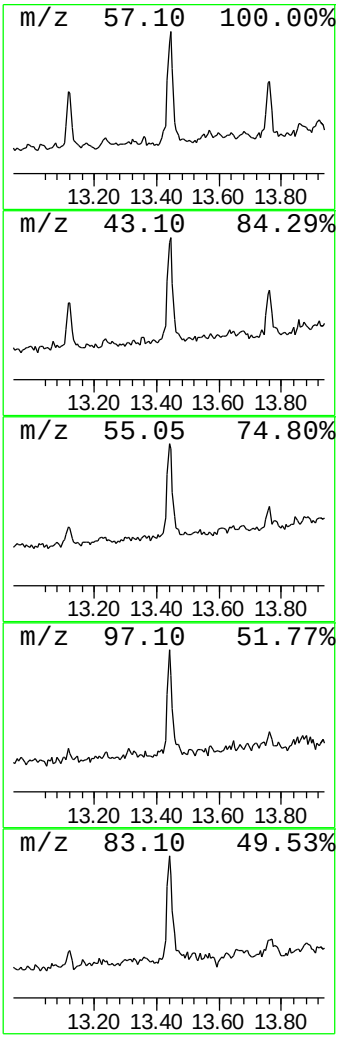
Peak Number 19 Heptadecyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	6.84 ng	322036	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097346.D
Acq On : 4 Aug 2017 5:00
Operator : SJ/JU
Sample : I4562-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-C

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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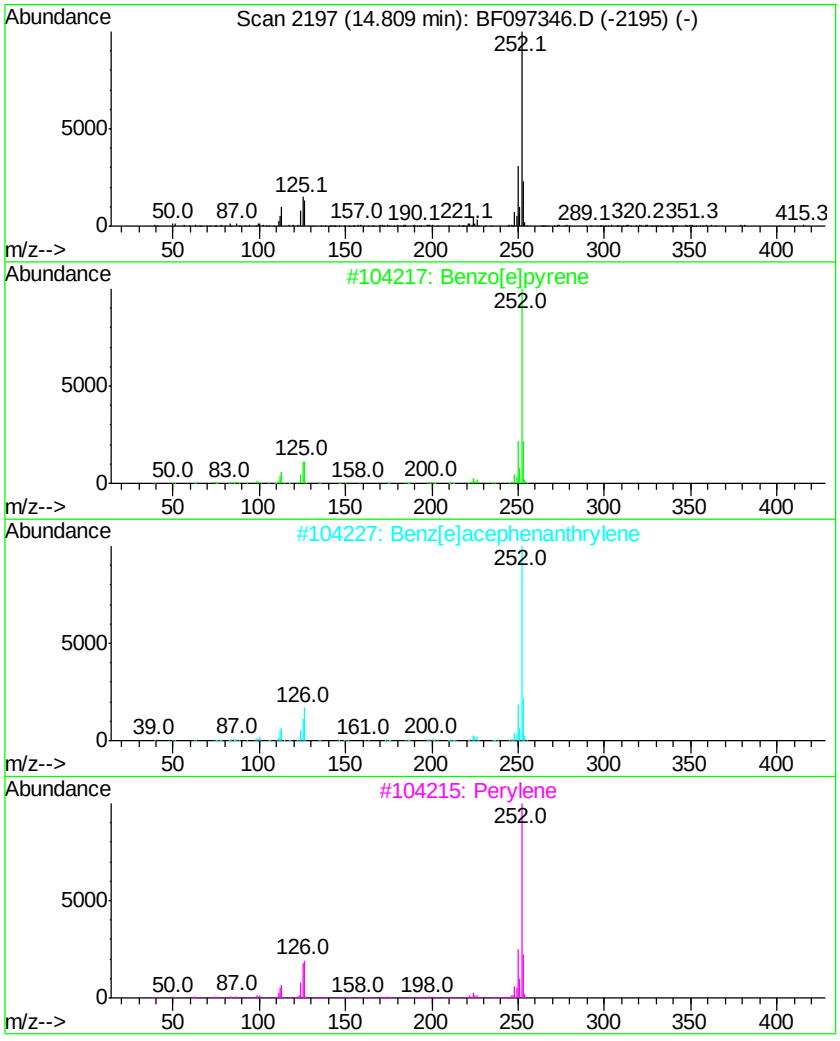
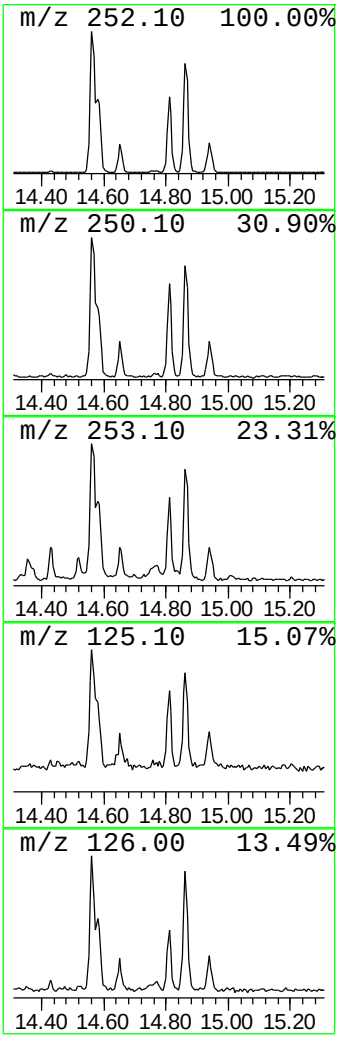
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	14.71 ng	160018	Perylene-d12	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	92
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097346.D
Acq On : 4 Aug 2017 5:00
Operator : SJ/JU
Sample : I4562-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-C

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...	4.57	5.9	ng	180778	1	6.45	609622	20.0
unknown6.22	6.22	64.4	ng	1961840	1	6.45	609622	20.0
Decane	6.30	6.7	ng	203622	1	6.45	609622	20.0
Undecane	7.07	6.6	ng	200655	1	6.45	609622	20.0
Sulfurous acid, d...	8.17	7.9	ng	450428	2	7.73	1145080	20.0
Tridecane	8.35	7.4	ng	425211	2	7.73	1145080	20.0
Naphthalene, 1-me...	8.54	5.1	ng	292395	2	7.73	1145080	20.0
Naphthalene, 2,3-...	9.06	5.9	ng	242673	3	9.47	824943	20.0
Hexadecane	9.92	4.8	ng	197675	3	9.47	824943	20.0
Nonadecane, 9-met...	10.39	8.3	ng	282153	4	10.95	680962	20.0
Naphtho[2,1-b]thi...	10.84	7.5	ng	253680	4	10.95	680962	20.0
Phenanthrene, 2-m...	11.45	6.2	ng	211108	4	10.95	680962	20.0
4H-Cyclopenta[def...	11.55	12.6	ng	428377	4	10.95	680962	20.0
9,10-Dimethylanth...	11.99	4.3	ng	147371	4	10.95	680962	20.0
Pyrene, 1-methyl-	12.70	4.8	ng	227924	5	13.57	941659	20.0
11H-Benzo[b]fluorene	12.77	6.4	ng	300963	5	13.57	941659	20.0
Heptadecyl triflu...	13.44	6.8	ng	322036	5	13.57	941659	20.0
Benzo[e]pyrene	14.81	14.7	ng	160018	6	14.92	217496	20.0