LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117886.D
Acq On : 20 Nov 2019 12:10
Operator : JU
Sample : K5676-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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	2.169	9	14	22	rVB	321008	447504	4.43%	0.348%
2	5.116	508	515	523	rBV	365986	378922	3.75%	0.294%
3	5.522	579	584	587	rBV	1891109	1707645	16.91%	1.326%
4	6.528	751	755	765	rVB	1828665	1661998	16.46%	1.291%
5	6.681	777	781	784	rBV	1975887	1727565	17.11%	1.342%
6	6.916	817	821	824	rBV	1113032	968233	9.59%	0.752%
7	7.069	843	847	850	rBV	2052569	1587935	15.73%	1.233%
8	7.475	912	916	919	rVB	1365439	1167889	11.57%	0.907%
9	8.198	1037	1039	1041	rVV	1329684	1213428	12.02%	0.942%
10	8.222	1041	1043	1046	rVV	1241889	918450	9.10%	0.713%
11	8.916	1158	1161	1165	rVB	1147859	881125	8.73%	0.684%
12	9.016	1173	1178	1182	rBV	1116388	973384	9.64%	0.756%
13	9.281	1219	1223	1226	rBV	2503538	2180274	21.59%	1.693%
14	9.545	1263	1268	1272	rBV2	467655	677414	6.71%	0.526%
15	9.622	1277	1281	1283	rVV	876432	875249	8.67%	0.680%
16	9.645	1283	1285	1287	rVV	586983	472048	4.67%	0.367%
17	9.675	1287	1290	1294	rVV2	409983	570961	5.65%	0.443%
18	9.739	1298	1301	1307	rBV	448070	468886	4.64%	0.364%
19	9.822	1312	1315	1319	rVV	1279532	1111458	11.01%	0.863%
20	9.892	1323	1327	1330	rVB	328392	279881	2.77%	0.217%
21	9.963	1336	1339	1342	rVV	1410904	1124797	11.14%	0.874%
22	9.998	1342	1345	1348	rVB	574478	471554	4.67%	0.366%
23	10.169	1369	1374	1377	rVB2	690231	651221	6.45%	0.506%
24	10.281	1389	1393	1396	rBV2	251292	295419	2.93%	0.229%
25	10.392	1410	1412	1414	rVB2	367512	261121	2.59%	0.203%
26	10.516	1429	1433	1438	rVB	1358573	1311959	12.99%	1.019%
27	10.751	1467	1473	1477	rVV2	1615081	1548686	15.34%	1.203%
28	10.869	1490	1493	1500	rVB2	365359	525573	5.20%	0.408%
29	11.063	1521	1526	1528	rBV2	415330	480357	4.76%	0.373%
30	11.092	1528	1531	1534	rVV2	272346	264939	2.62%	0.206%
31	11.316	1564	1569	1572	rVV2	294278	408281	4.04%	0.317%
32	11.351	1572	1575	1580	rVB	600246	560804	5.55%	0.436%
33	11.457	1589	1593	1595	rBV	1147903	1122308	11.11%	0.872%
34	11.486	1595	1598	1601	rVV	4904618	4145494	41.05%	3.219%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.533	1603	1606	1609	rVV	1646688	1300163	12.88%	1.010%
36	11.751	1639	1643	1645	rVV2	321747	353770	3.50%	0.275%
37	11.786	1648	1649	1655	rVV2	298858	256461	2.54%	0.199%
38	11.851	1656	1660	1662	rVV	3314369	3051205	30.22%	2.370%
39	11.963	1675	1679	1680	rBV	861849	824220	8.16%	0.640%
40	11.986	1680	1683	1688	rVB	1302493	1396379	13.83%	1.084%
41	12.033	1688	1691	1694	rBV	455404	444006	4.40%	0.345%
42	12.075	1694	1698	1700	rVV2	1654856	1751015	17.34%	1.360%
43	12.098	1700	1702	1706	rVB	660763	538344	5.33%	0.418%
44	12.157	1706	1712	1716	rBV3	220570	322300	3.19%	0.250%
45	12.257	1726	1729	1731	rVV	553332	477215	4.73%	0.371%
46	12.510	1768	1772	1774	rBV	572181	644685	6.38%	0.501%
47	12.545	1774	1778	1779	rVV	7400285	7175946	71.06%	5.573%
48	12.569	1779	1782	1792	rVB2	9470398	10097761	100.00%	7.842%
49	12.645	1792	1795	1797	rBV	1368310	1048960	10.39%	0.815%
50	12.686	1797	1802	1806	rBV	5024950	5841832	57.85%	4.537%
51	12.769	1814	1816	1820	rVB	501063	427184	4.23%	0.332%
52	12.916	1833	1841	1845	rVB2	4689662	5681668	56.27%	4.412%
53	12.957	1845	1848	1853	rVB2	277659	385702	3.82%	0.300%
54	13.027	1857	1860	1861	rBV	337456	313981	3.11%	0.244%
55	13.045	1861	1863	1866	rVB	1566076	1241293	12.29%	0.964%
56	13.122	1872	1876	1880	rBV2	536802	867352	8.59%	0.674%
57	13.210	1888	1891	1893	rVV4	601709	757853	7.51%	0.589%
58	13.233	1893	1895	1898	rVB	1154385	1118477	11.08%	0.869%
59	13.304	1903	1907	1909	rVV	1114468	1119060	11.08%	0.869%
60	13.339	1909	1913	1916	rVV2	807104	866385	8.58%	0.673%
61	13.433	1926	1929	1931	rBV	568980	415398	4.11%	0.323%
62	13.463	1931	1934	1938	rBV	607254	566755	5.61%	0.440%
63	13.539	1943	1947	1951	rVB5	213595	291314	2.88%	0.226%
64	13.716	1974	1977	1979	rBV2	255532	309983	3.07%	0.241%
65	13.745	1979	1982	1986	rVV	446258	580556	5.75%	0.451%
66	13.857	1996	2001	2003	rVV3	617172	787946	7.80%	0.612%
67	13.886	2003	2006	2008	rVV	697351	683008	6.76%	0.530%
68	13.910	2008	2010	2014	rVV2	614009	753807	7.47%	0.585%
69	13.951	2014	2017	2021	rVB2	587281	638413	6.32%	0.496%
70	14.104	2036	2043	2046	rBV2	4122951	5550911	54.97%	4.311%
71	14.139	2046	2049	2054	rVB	3594374	3422495	33.89%	2.658%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : SU-01-111519

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	14.216	2060	2062	2064	rBV	511331	381228	3.78%	0.296%
73	14.251	2065	2068	2073	rVV2	399049	453835	4.49%	0.352%
74	14.327	2078	2081	2085	rBV2	391806	537430	5.32%	0.417%
75	14.433	2095	2099	2101	rBV3	185141	261279	2.59%	0.203%
76	14.457	2101	2103	2105	rVV	291277	260782	2.58%	0.203%
77	14.498	2105	2110	2112	rVV	1120604	1271201	12.59%	0.987%
78	14.527	2112	2115	2118	rVB	625377	571344	5.66%	0.444%
79	14.574	2118	2123	2124	rBV2	367809	531995	5.27%	0.413%
80	14.592	2124	2126	2128	rVV	612701	523524	5.18%	0.407%
81	14.621	2128	2131	2133	rVV2	703379	678494	6.72%	0.527%
82	14.645	2133	2135	2138	rVB	619828	491220	4.86%	0.381%
83	14.892	2174	2177	2180	rBV2	302657	324159	3.21%	0.252%
84	15.004	2194	2196	2204	rVB2	400451	601167	5.95%	0.467%
85	15.180	2220	2226	2229	rBV	3139276	5778456	57.23%	4.488%
86	15.245	2234	2237	2240	rVV3	220039	343760	3.40%	0.267%
87	15.286	2240	2244	2248	rVB	1098412	1125740	11.15%	0.874%
88	15.398	2256	2263	2266	rBV2	245234	580961	5.75%	0.451%
89	15.498	2274	2280	2285	rVB	2038877	2972685	29.44%	2.309%
90	15.568	2285	2292	2296	rBV	3100590	4536305	44.92%	3.523%
91	15.621	2297	2301	2304	rBV	929268	1350405	13.37%	1.049%
92	15.657	2304	2307	2314	rVB2	1078224	1627357	16.12%	1.264%
93	15.992	2362	2364	2371	rVB2	228121	342510	3.39%	0.266%
94	16.210	2397	2401	2405	rVB2	343681	461125	4.57%	0.358%
95	17.168	2557	2564	2572	rVB2	1393178	3030652	30.01%	2.354%
96	17.345	2590	2594	2598	rVB	294822	460331	4.56%	0.358%
97	17.409	2600	2605	2610	rBV2	239941	444078	4.40%	0.345%
98	17.639	2636	2644	2654	rVB	988861	2240739	22.19%	1.740%
99	17.874	2678	2684	2690	rBV	290566	587673	5.82%	0.456%
100	18.004	2701	2706	2713	rBV5	95142	246270	2.44%	0.191%

Sum of corrected areas: 128763270

LSC Report - Integrated Chromatogram

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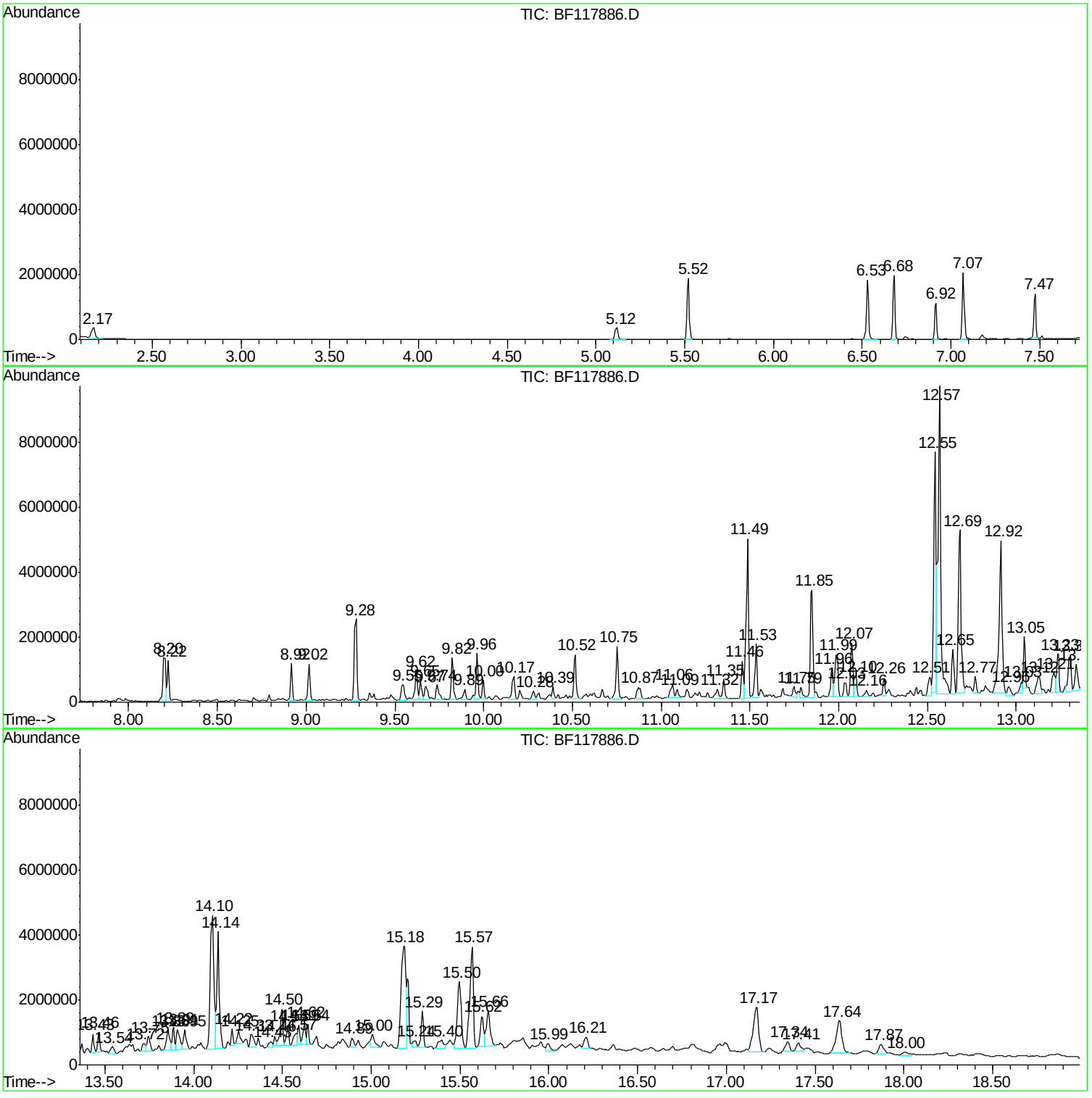
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
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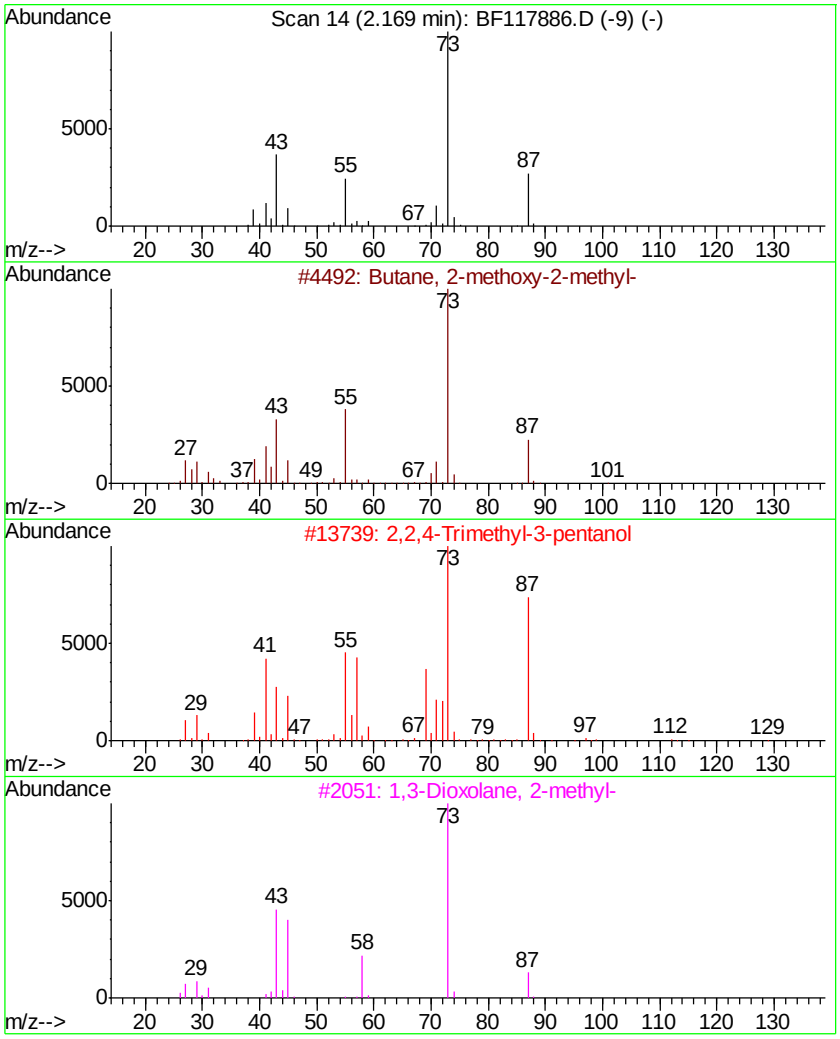
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

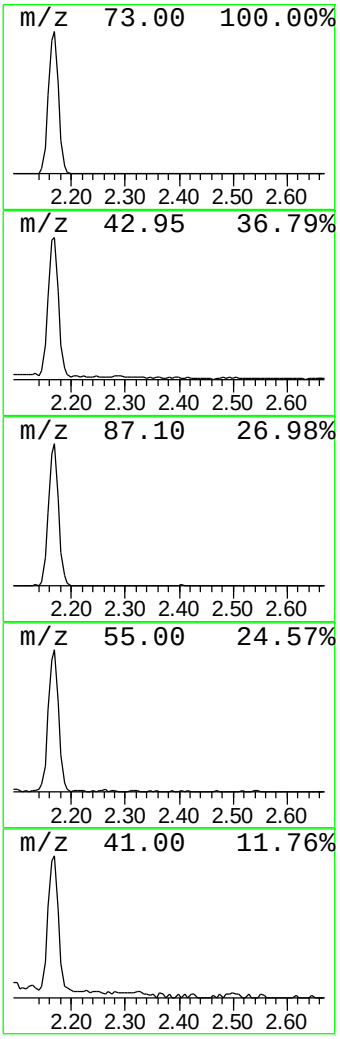
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	9.24 ng	447504	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SU-01-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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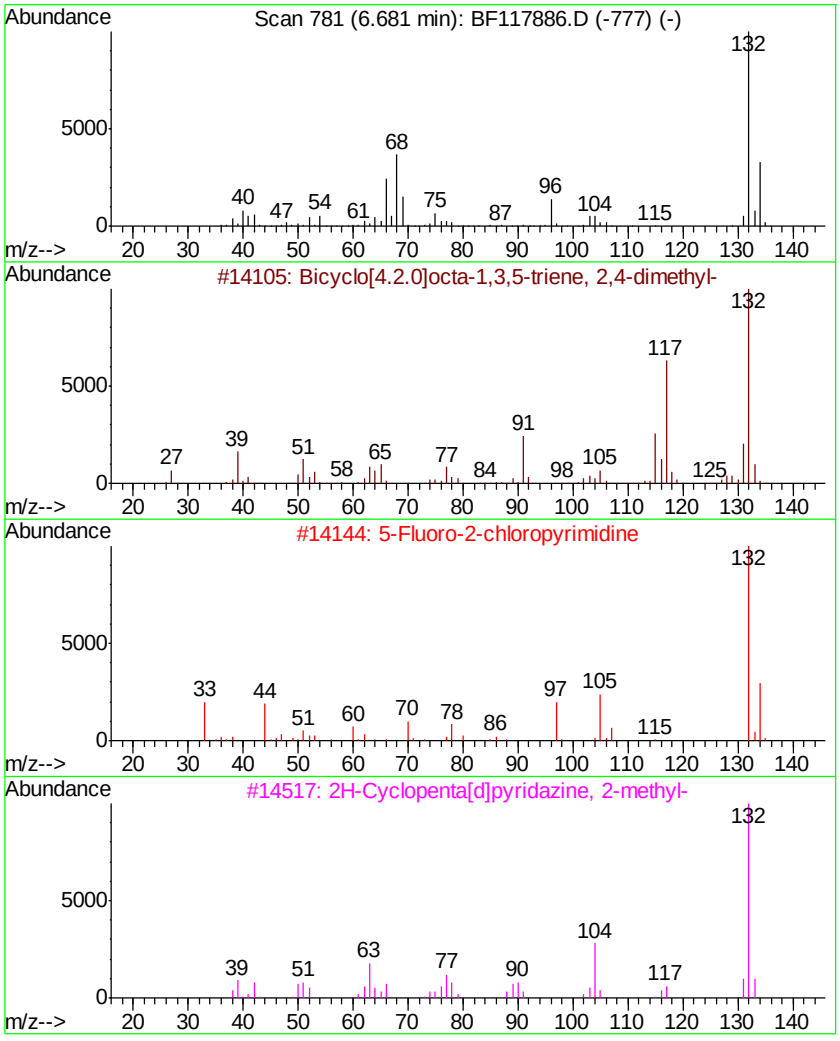
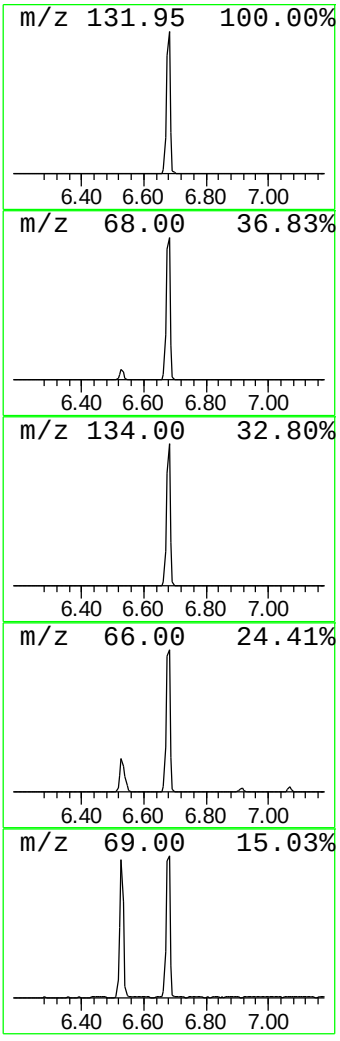
****

Peak Number 2 unknown6.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	35.68 ng	1727570	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	Xenon	132	Xe	007440-63-3	9





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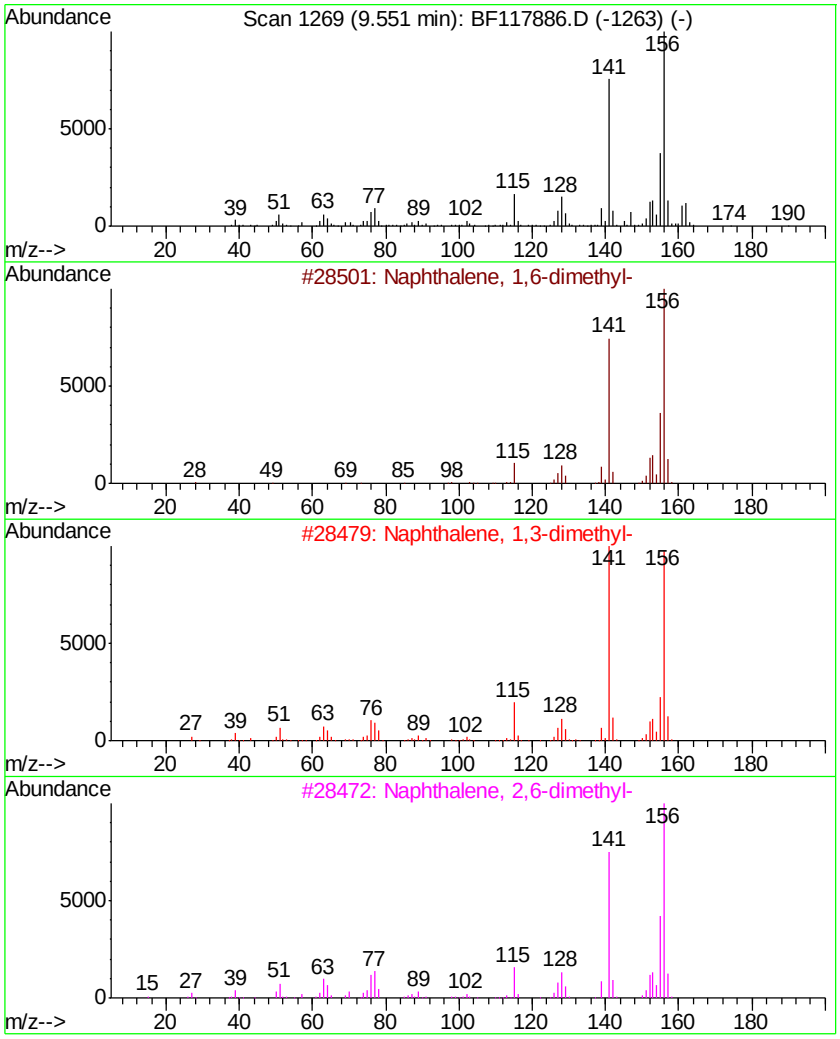
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

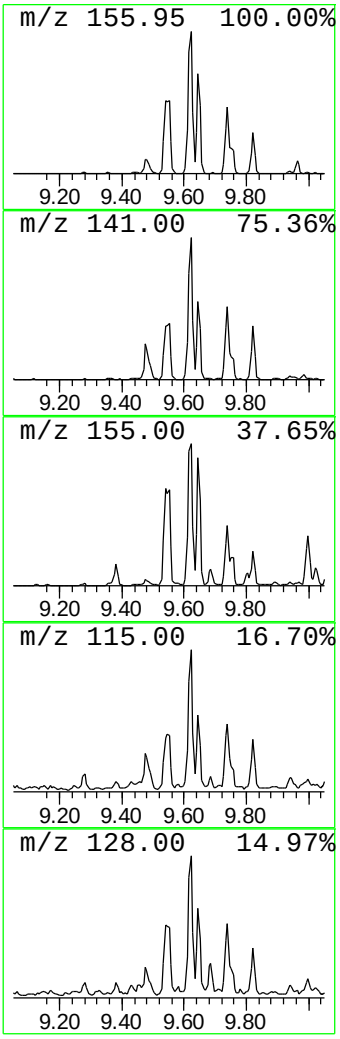
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	12.05 ng	677414	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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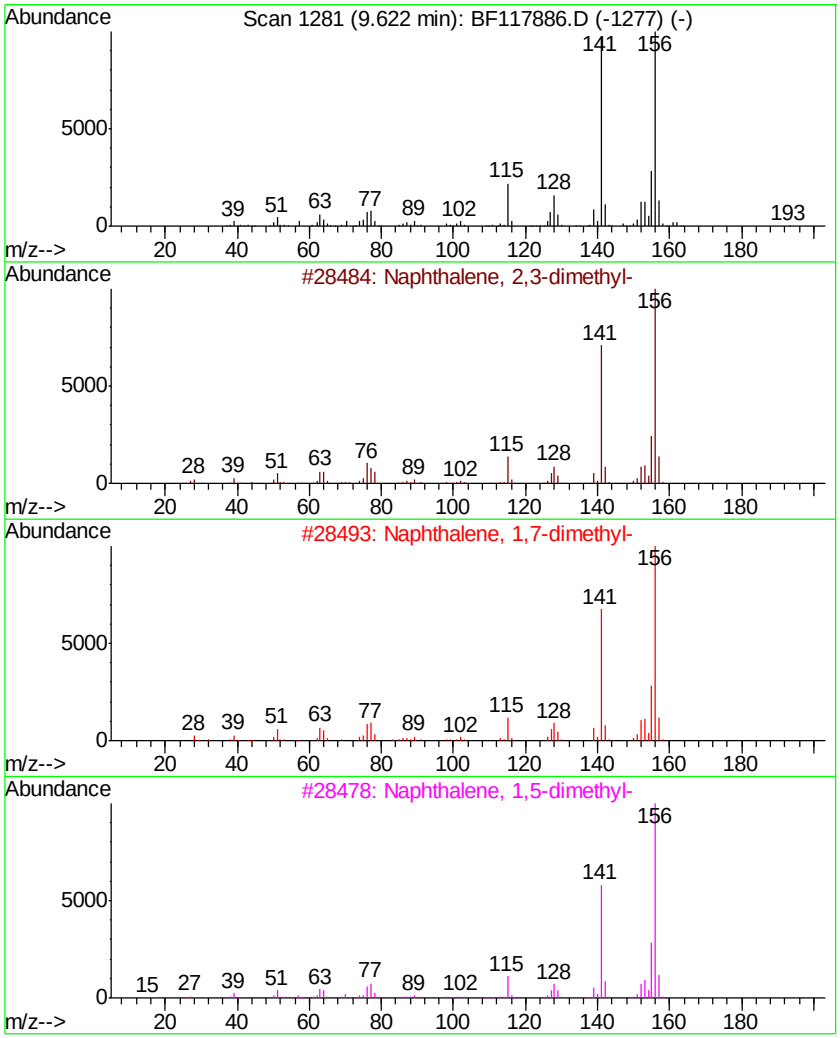
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

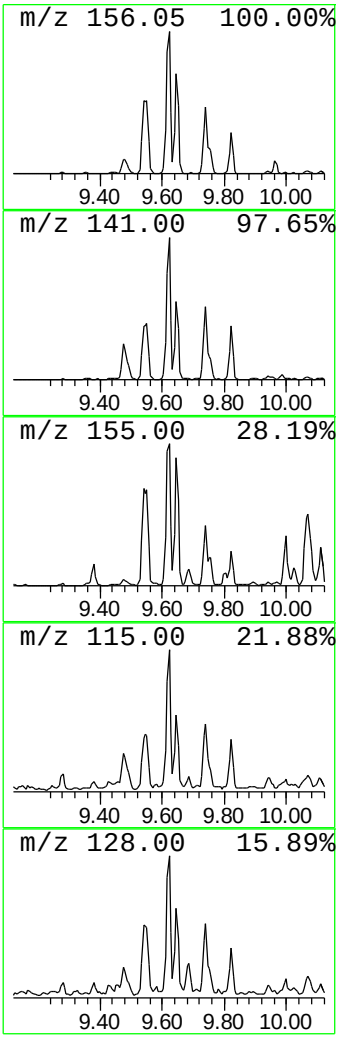
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	15.56 ng	875249	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
Data File : BF117886.D
Acq On : 20 Nov 2019 12:10
Operator : JU
Sample : K5676-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

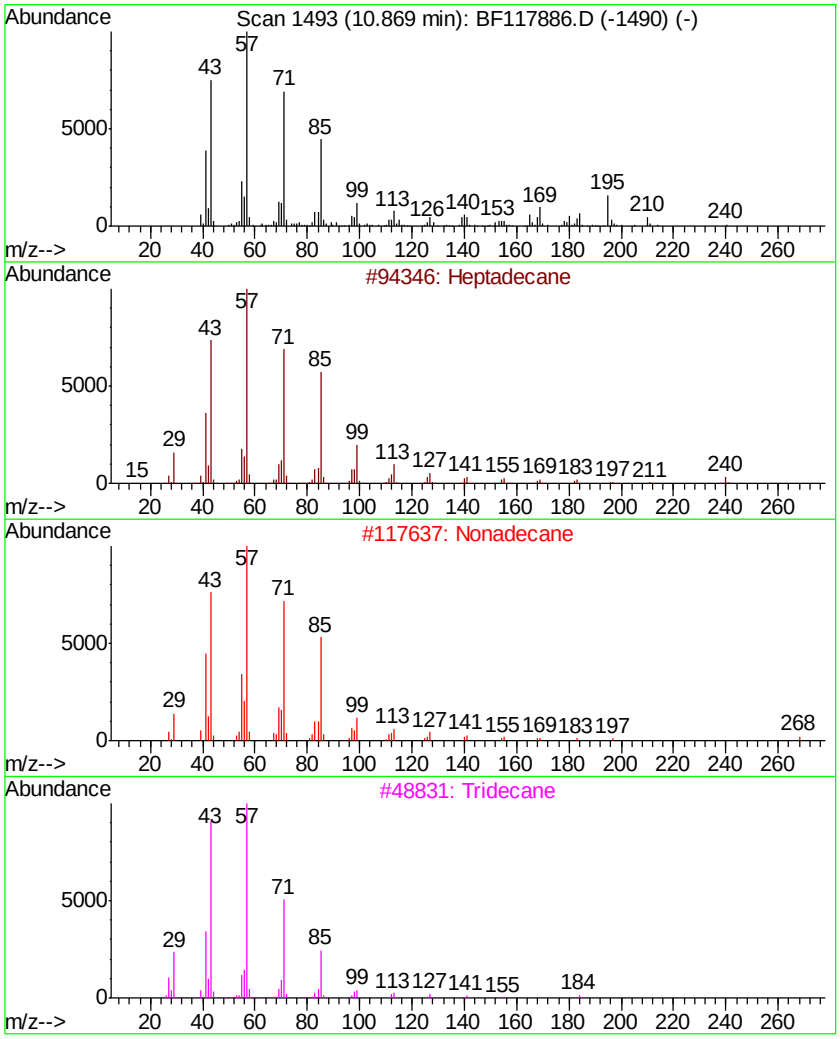
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

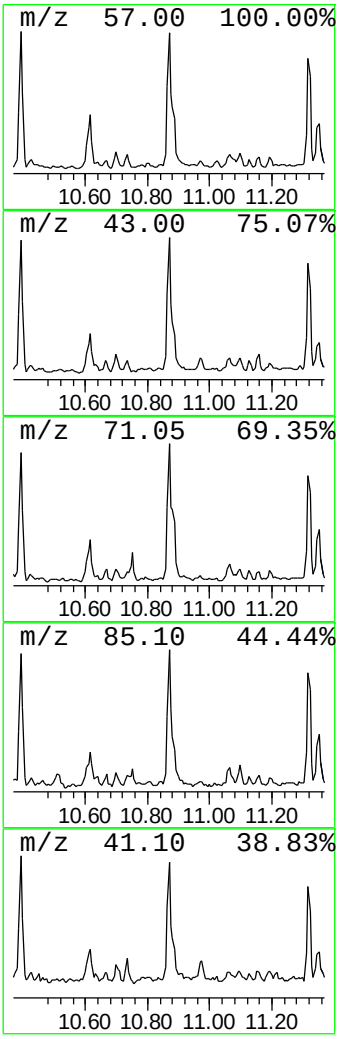
****

Peak Number 6 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	9.37 ng	525573	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane	268	C19H40	000629-92-5	76
3	Tridecane	184	C13H28	000629-50-5	76
4	Dodecane	170	C12H26	000112-40-3	76
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	76





Library Search Compound Report

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Data File : BF117886.D
Acq On : 20 Nov 2019 12:10
Operator : JU
Sample : K5676-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

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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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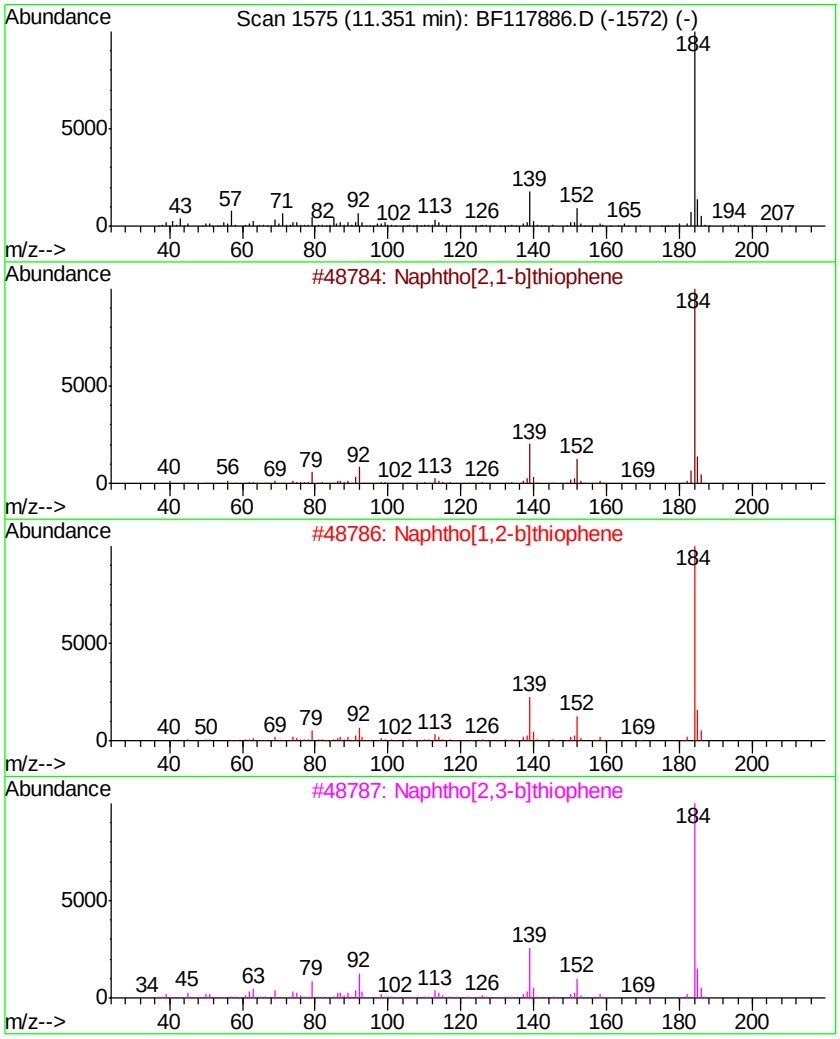
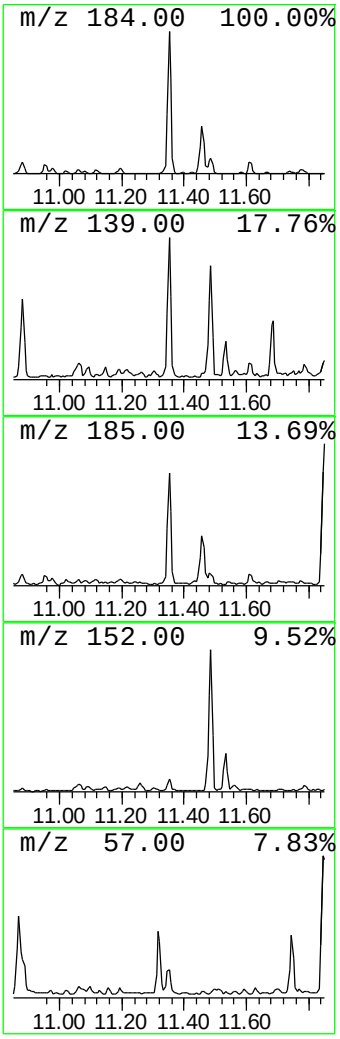
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	9.99 ng	560804	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Instrument : BNA_F
ClientSampleId : SU-01-111519

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

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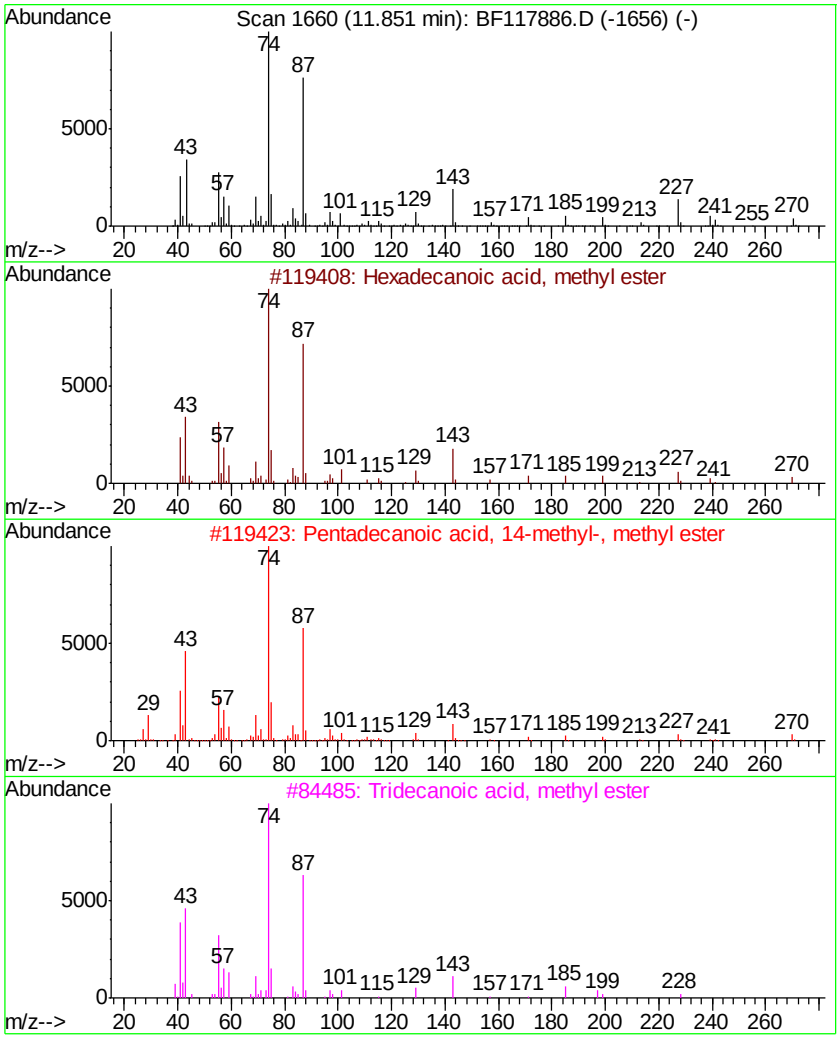
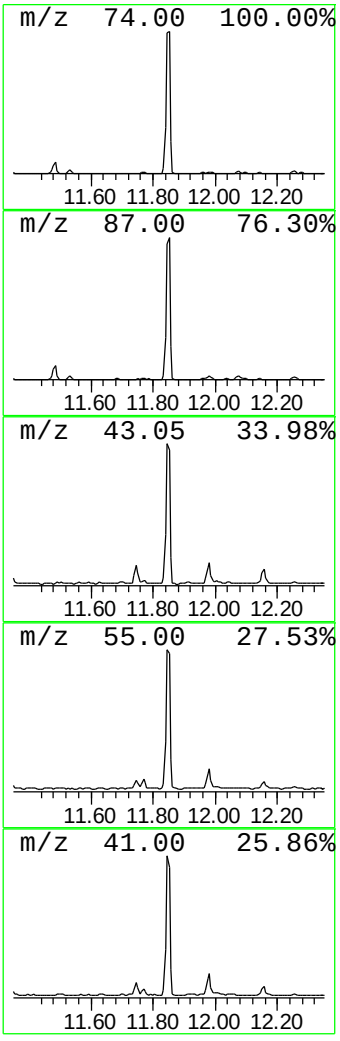
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	54.37 ng	3051210	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





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ClientSampleId : SU-01-111519

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TIC Integration Parameters: LSCINT.P

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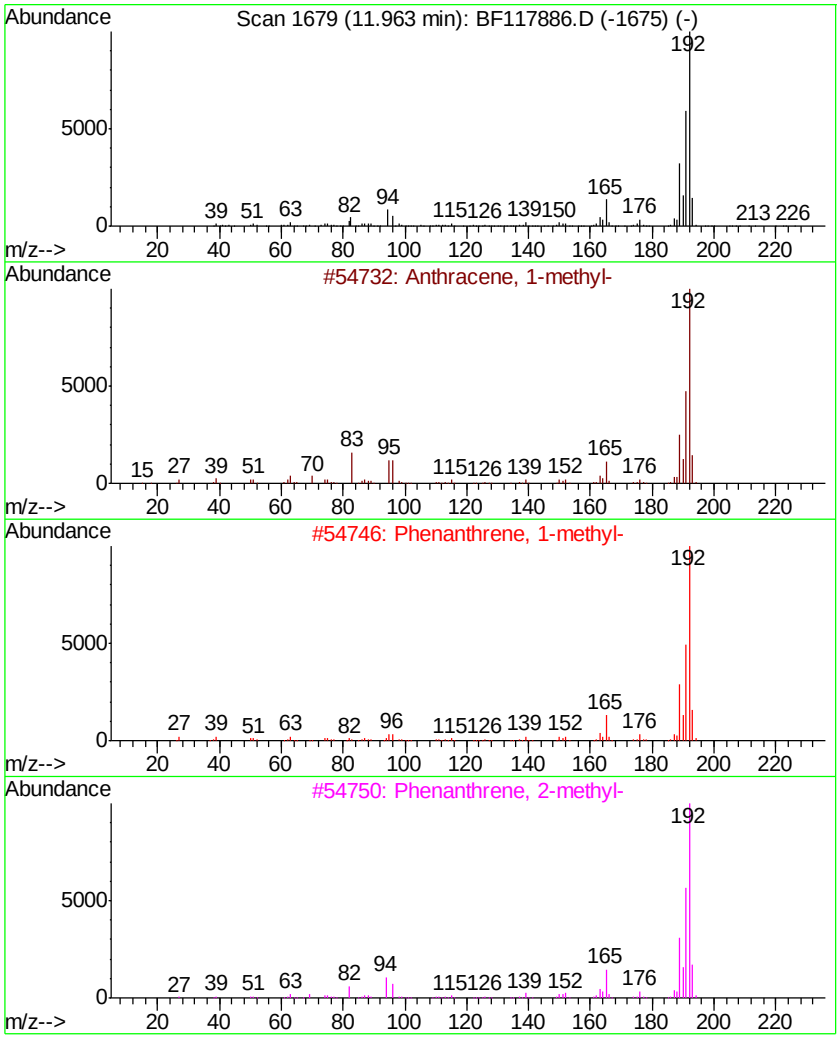
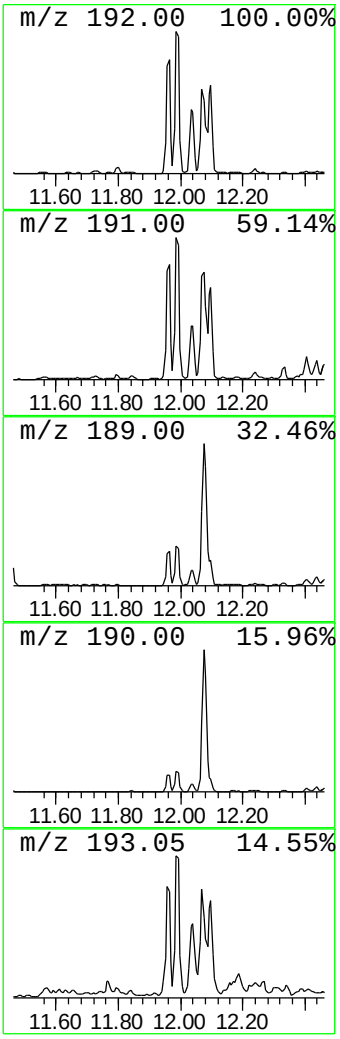
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	14.69 ng	824220	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

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

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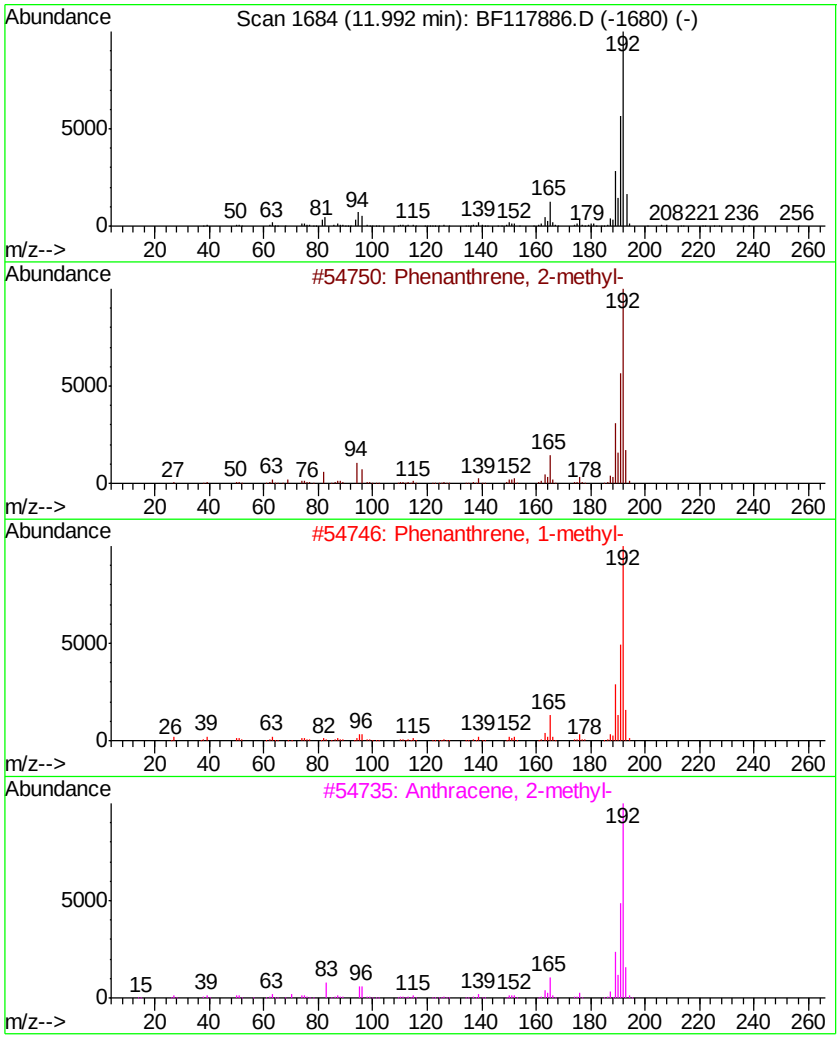
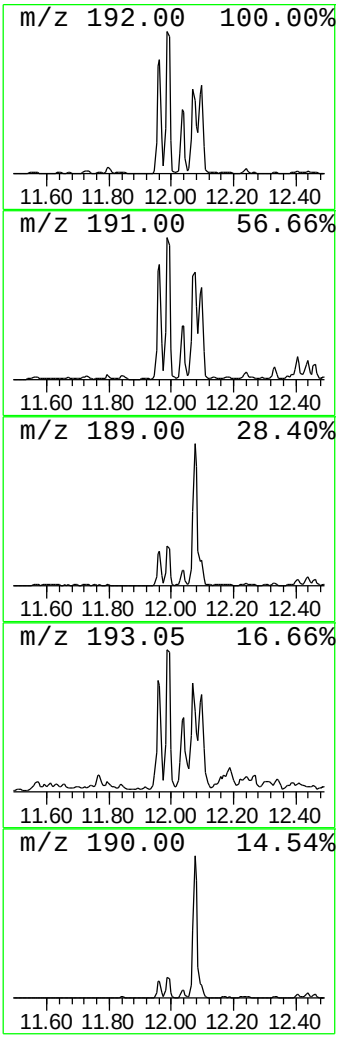
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	24.88 ng	1396380	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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TIC Integration Parameters: LSCINT.P

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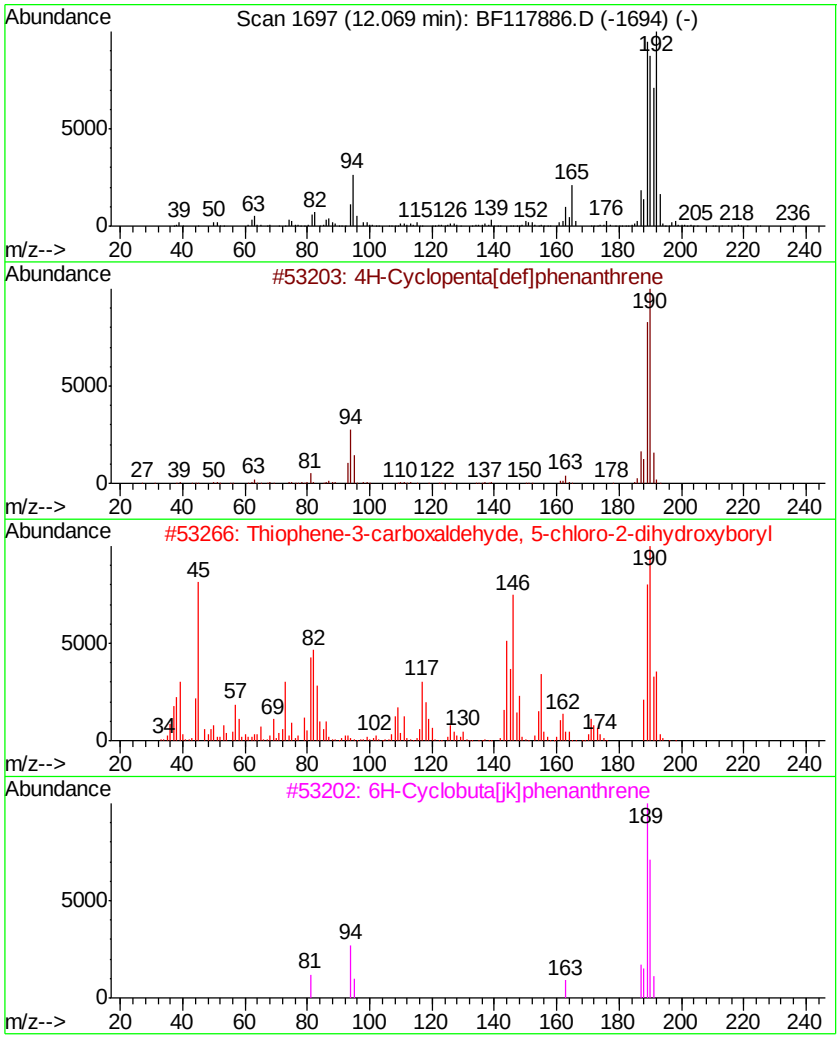
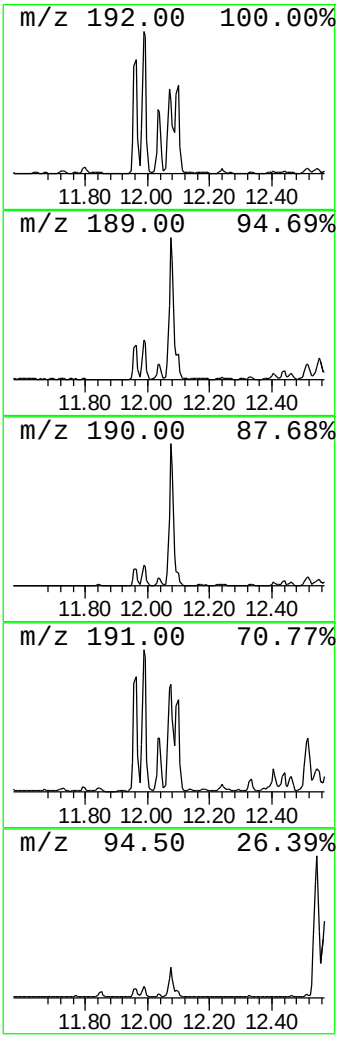
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	31.20 ng	1751020	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	33





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ClientSampleId : SU-01-111519

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TIC Integration Parameters: LSCINT.P

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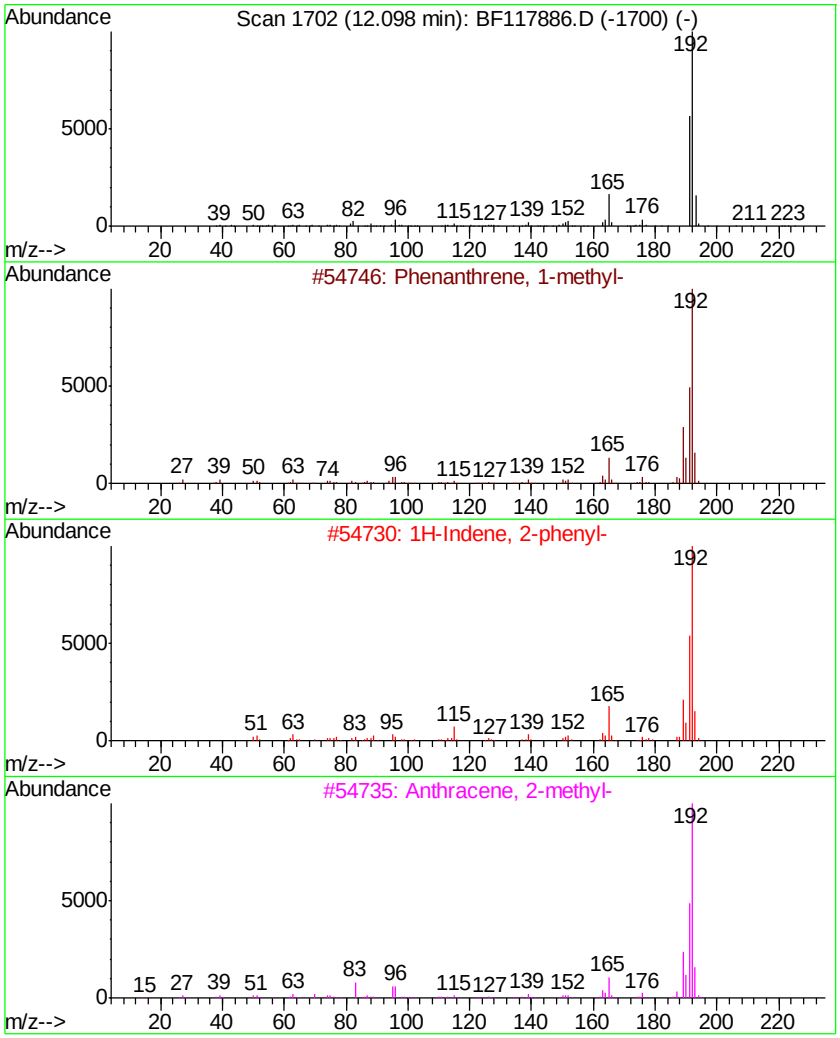
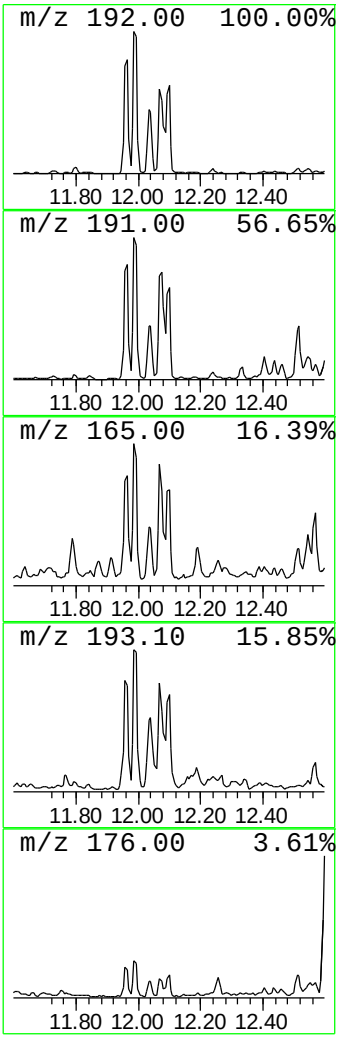
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	9.59 ng	538344	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-01-111519

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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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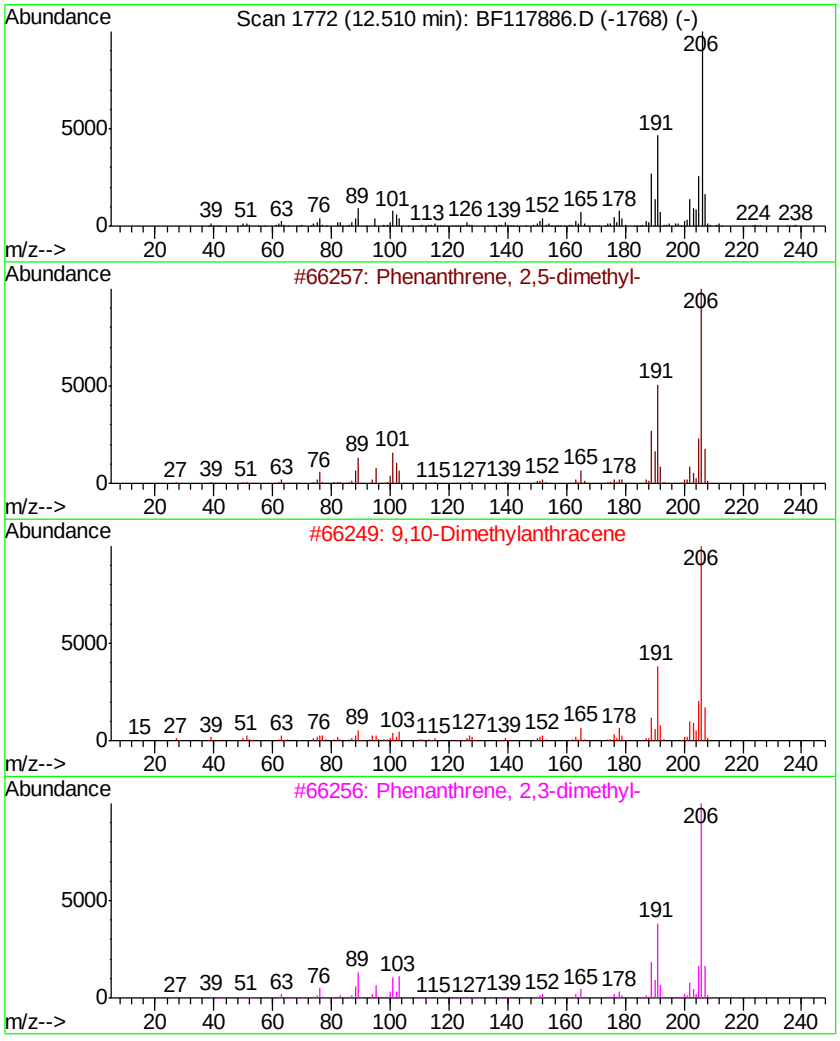
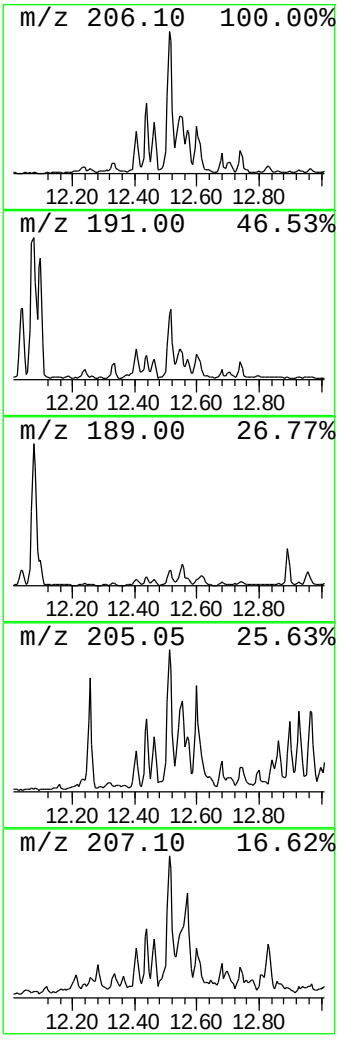
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	11.49 ng	644685	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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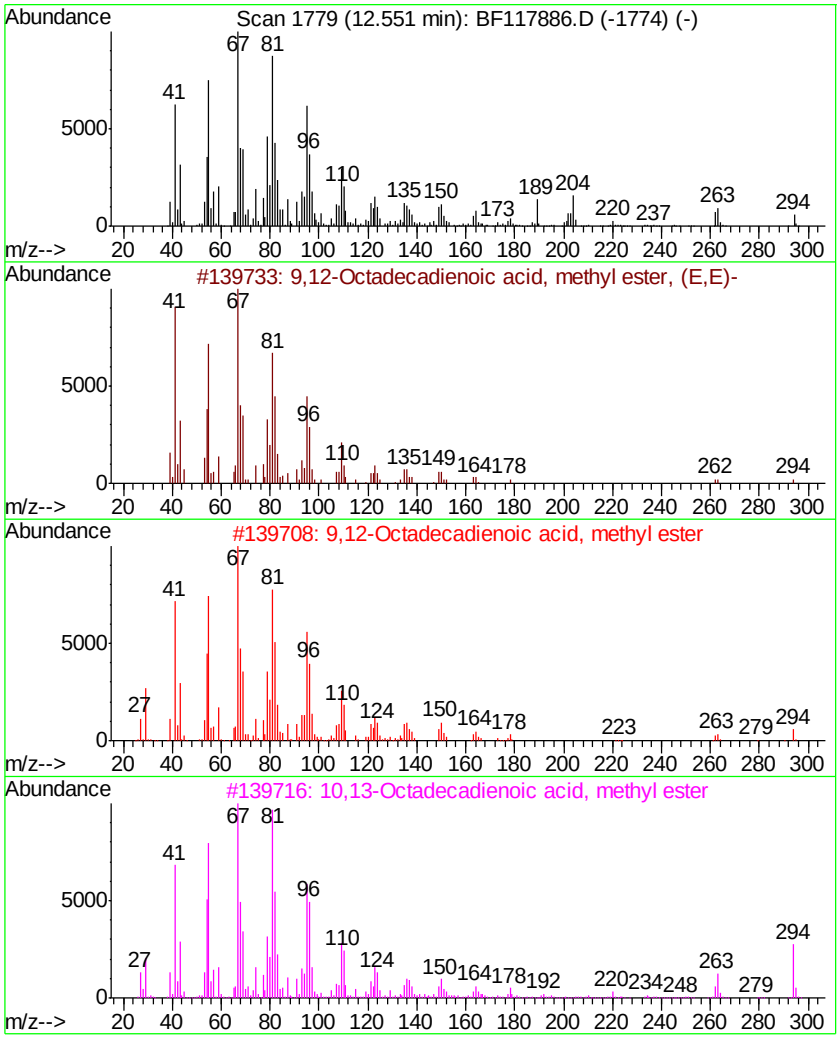
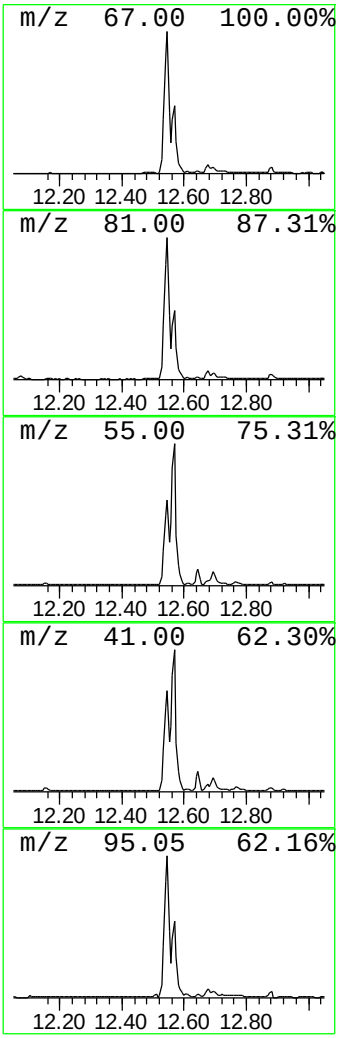
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	127.88 ng	7175950	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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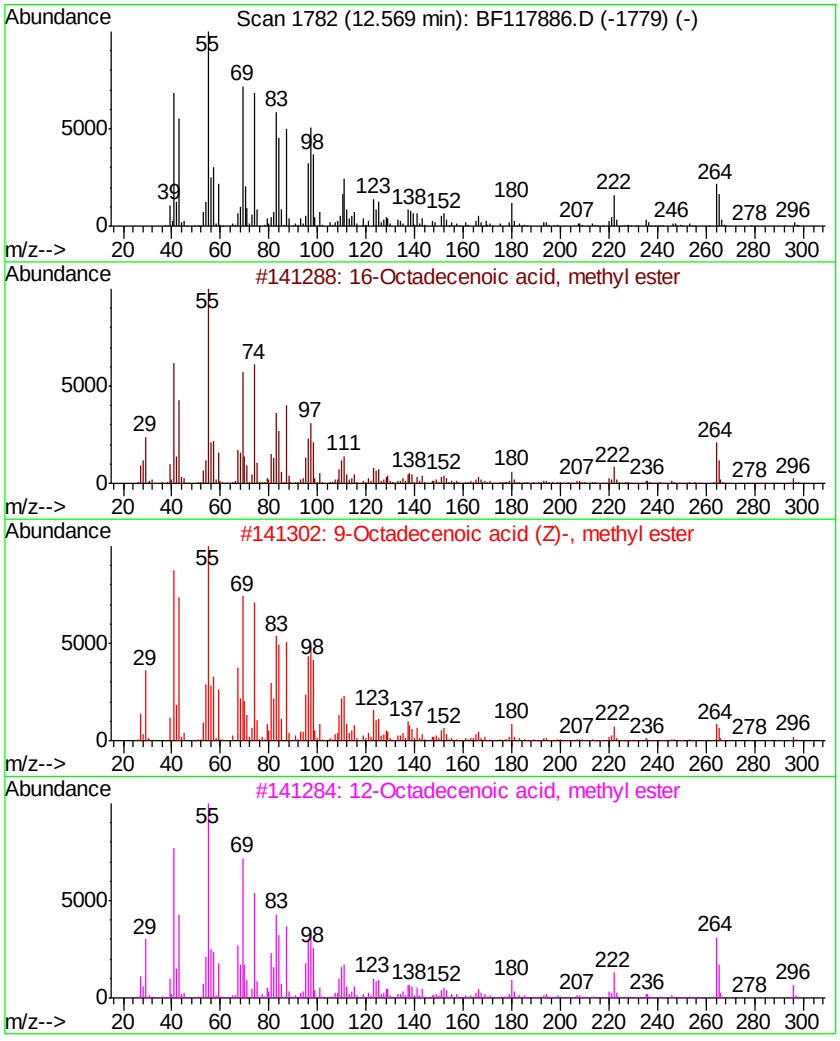
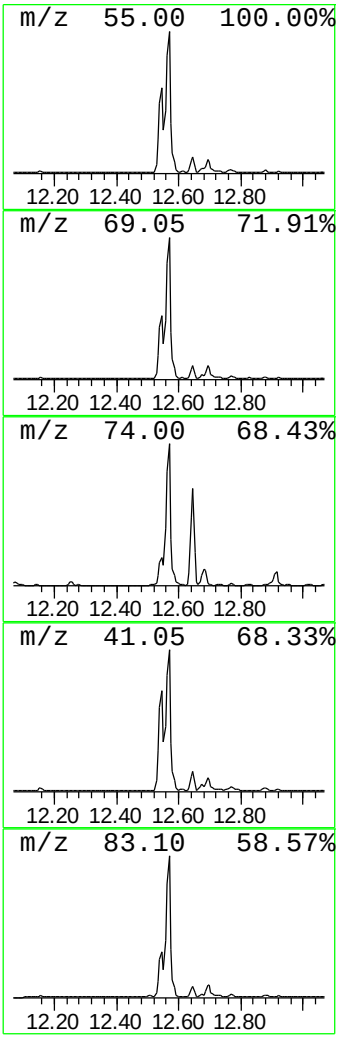
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	179.95 ng	10097800	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93





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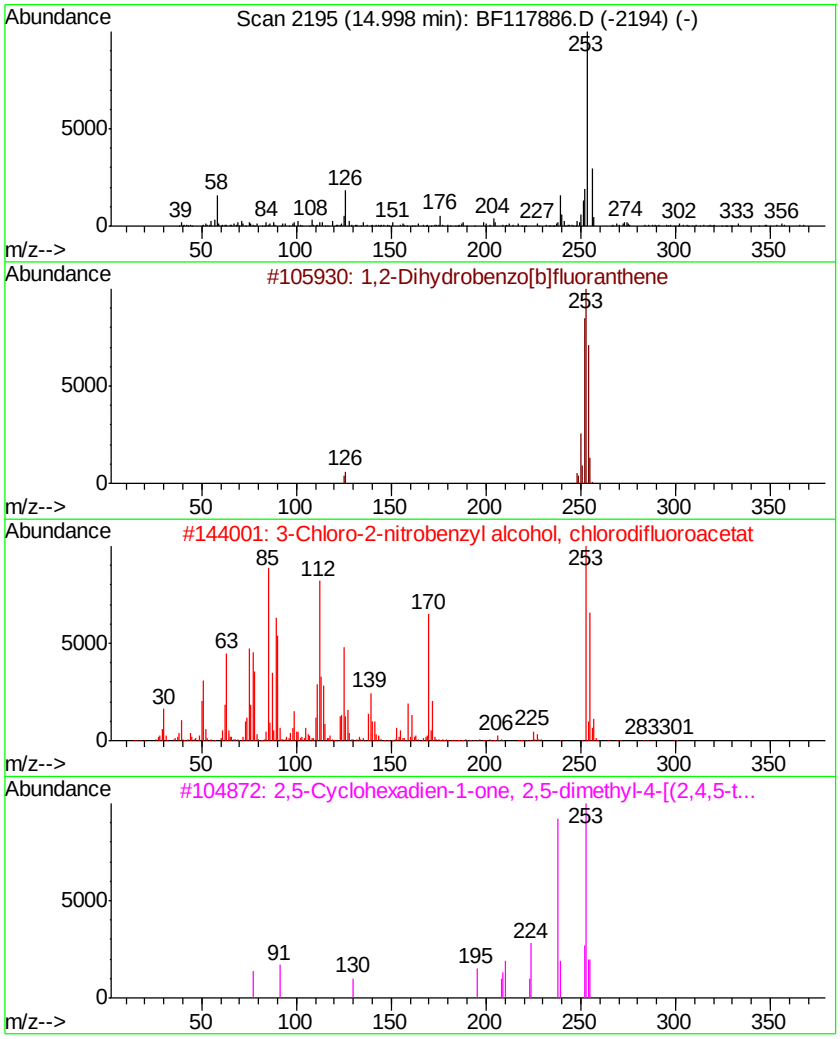
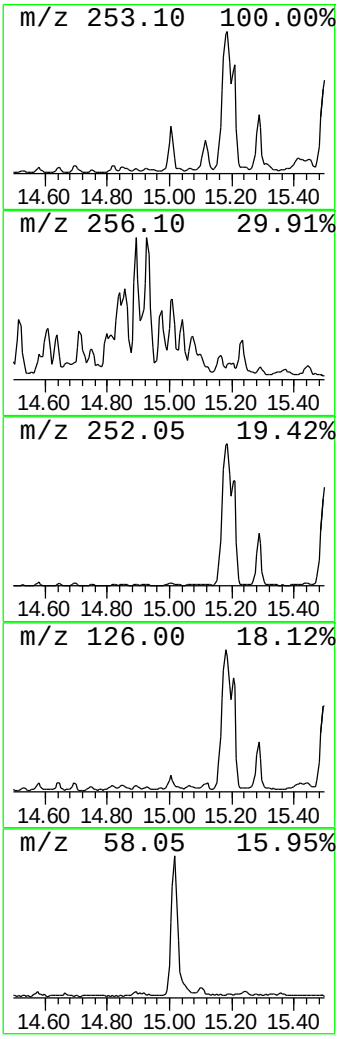
Peak Number 16 1,2-Dihydrobenzo[b]fluorant... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	8.90 ng	601167	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	25
2	3-Chloro-2-nitrobenzyl alcohol, ...	299	C9H5Cl2F2NO4	1000376-11-2	12
3	2,5-Cyclohexadien-1-one, 2,5-dim...	253	C17H19NO	054245-93-1	9
4	6-Chloro-2-methyl-4-phenyl-quino...	253	C16H12ClN	022609-12-7	9
5	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	7





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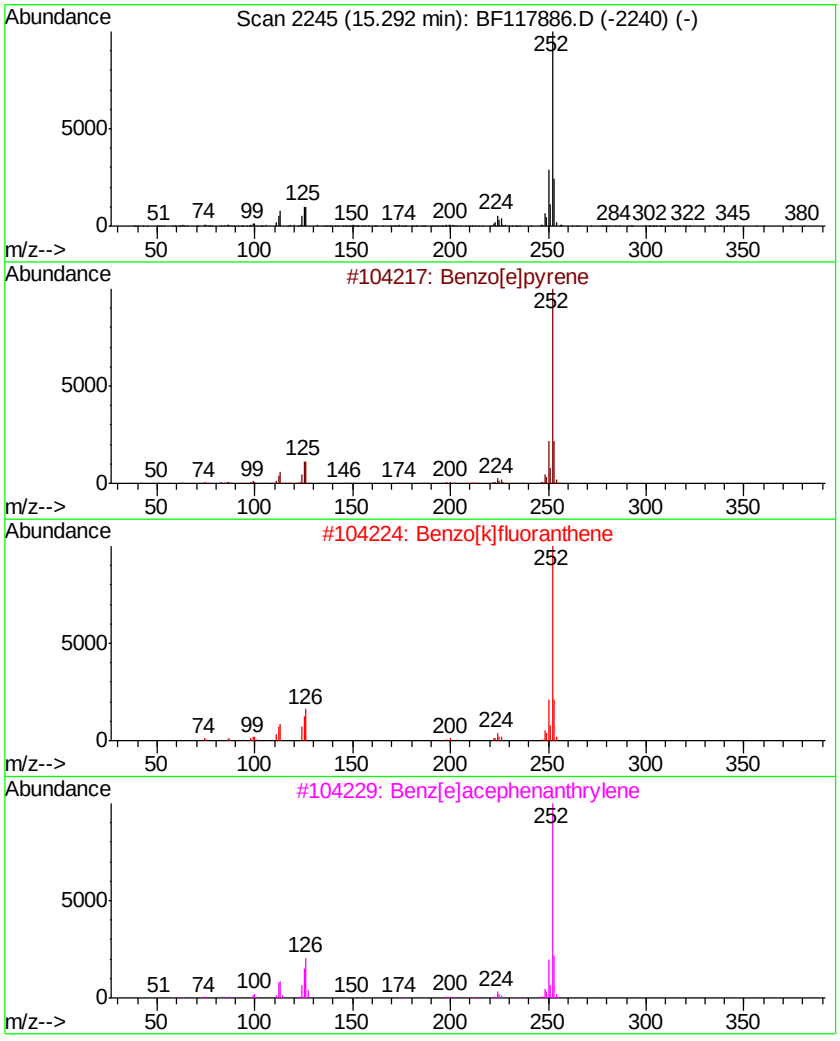
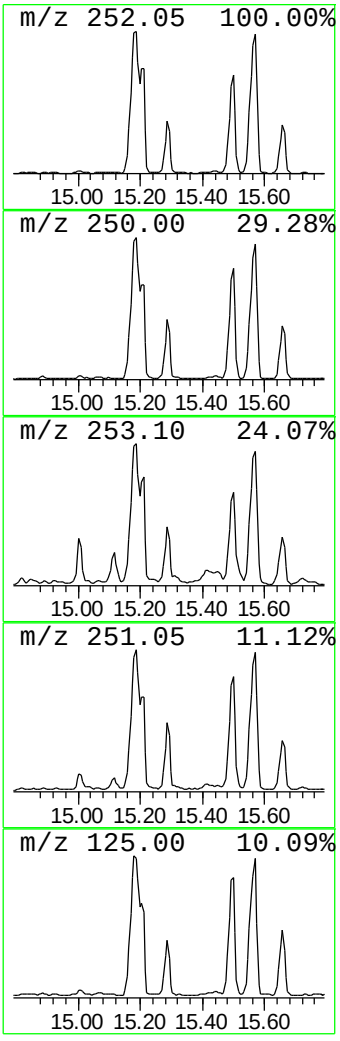
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	16.67 ng	1125740	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Data File : BF117886.D
Acq On : 20 Nov 2019 12:10
Operator : JU
Sample : K5676-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

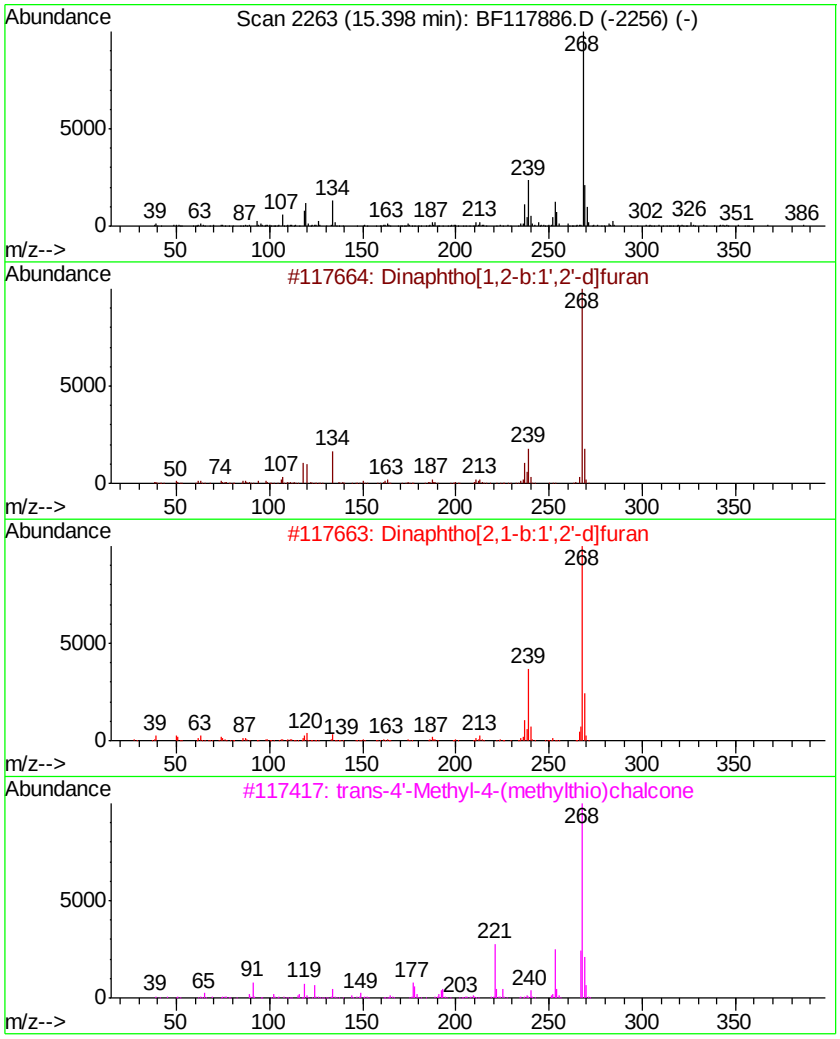
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

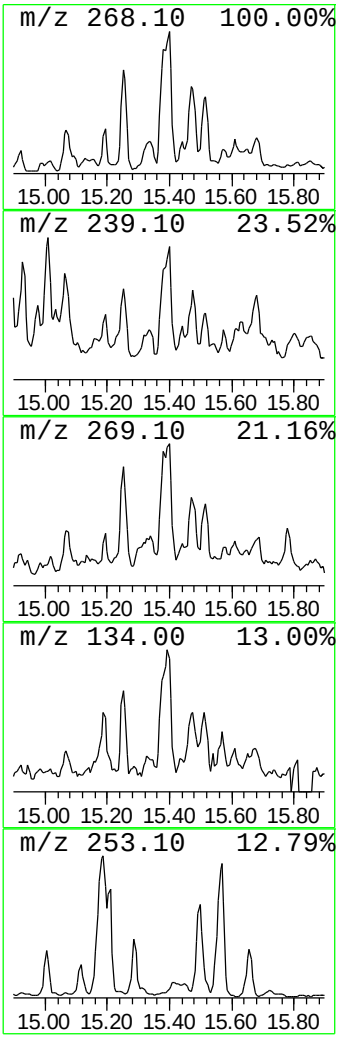
****

Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	8.60 ng	580961	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	78
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
3	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	59
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
5	Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112019\
Data File : BF117886.D
Acq On : 20 Nov 2019 12:10
Operator : JU
Sample : K5676-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-111519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
Butane, 2-methoxy...	2.17	9.2	ng	447504	1	6.92	968233	20.0
unknown6.68	6.68	35.7	ng	1727570	1	6.92	968233	20.0
Naphthalene, 1,6-...	9.55	12.1	ng	677414	3	9.96	1124800	20.0
Naphthalene, 2,3-...	9.62	15.6	ng	875249	3	9.96	1124800	20.0
Heptadecane	10.87	9.4	ng	525573	4	11.46	1122310	20.0
Naphtho[2,1-b]thi...	11.35	10.0	ng	560804	4	11.46	1122310	20.0
Hexadecanoic acid...	11.85	54.4	ng	3051210	4	11.46	1122310	20.0
Anthracene, 1-met...	11.96	14.7	ng	824220	4	11.46	1122310	20.0
Phenanthrene, 2-m...	11.99	24.9	ng	1396380	4	11.46	1122310	20.0
4H-Cyclopenta[def...	12.07	31.2	ng	1751020	4	11.46	1122310	20.0
Phenanthrene, 1-m...	12.10	9.6	ng	538344	4	11.46	1122310	20.0
Phenanthrene, 2,5...	12.51	11.5	ng	644685	4	11.46	1122310	20.0
9,12-Octadecadien...	12.55	127.9	ng	7175950	4	11.46	1122310	20.0
16-Octadecenoic a...	12.57	179.9	ng	10097800	4	11.46	1122310	20.0
1,2-Dihydrobenzo[...	15.00	8.9	ng	601167	6	15.63	1350410	20.0
Benzo[e]pyrene	15.29	16.7	ng	1125740	6	15.63	1350410	20.0
Dinaphtho[1,2-b:1...	15.40	8.6	ng	580961	6	15.63	1350410	20.0