LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103984.D
Acq On : 27 Mar 2018 21:40
Operator : JU/SJ
Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-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-BF031518.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	2.310	32	38	47	rVB	91564	132591	3.90%	0.256%
2	5.222	529	533	544	rBV	84206	138543	4.07%	0.267%
3	5.610	594	599	629	rBV	2204742	3213739	94.45%	6.204%
4	6.610	763	769	788	rBV	2367338	3402404	100.00%	6.568%
5	6.745	788	792	813	rVB	2969940	3396020	99.81%	6.556%
6	6.975	827	831	845	rVB	717608	805138	23.66%	1.554%
7	7.128	853	857	871	rBV	2639468	2660321	78.19%	5.135%
8	7.539	921	927	942	rBV	1891535	2158433	63.44%	4.167%
9	8.251	1045	1048	1060	rBV2	984804	1186899	34.88%	2.291%
10	8.969	1166	1170	1176	rBV	35576	40130	1.18%	0.077%
11	9.063	1183	1186	1192	rBV	34844	36503	1.07%	0.070%
12	9.328	1226	1231	1239	rBV	3518247	3387383	99.56%	6.539%
13	9.669	1284	1289	1291	rBV	34357	37361	1.10%	0.072%
14	9.716	1294	1297	1304	rVB	266281	260262	7.65%	0.502%
15	9.875	1320	1324	1329	rBV	235043	225189	6.62%	0.435%
16	9.922	1329	1332	1336	rVB	83834	68648	2.02%	0.133%
17	10.010	1343	1347	1351	rBV2	1176409	1096068	32.21%	2.116%
18	10.045	1351	1353	1358	rVB	81142	72562	2.13%	0.140%
19	10.216	1378	1382	1384	rBV2	41926	48201	1.42%	0.093%
20	10.422	1410	1417	1421	rBV	141046	134632	3.96%	0.260%
21	10.563	1437	1441	1447	rVB2	57800	76854	2.26%	0.148%
22	10.639	1450	1454	1457	rVV3	42173	54486	1.60%	0.105%
23	10.804	1478	1482	1491	rBV	1801277	1903224	55.94%	3.674%
24	10.892	1495	1497	1502	rBV	109537	128872	3.79%	0.249%
25	11.110	1528	1534	1537	rBV4	39167	72278	2.12%	0.140%
26	11.233	1550	1555	1557	rBV3	42073	58992	1.73%	0.114%
27	11.257	1557	1559	1564	rVV4	40837	57632	1.69%	0.111%
28	11.310	1565	1568	1571	rVV	71022	71172	2.09%	0.137%
29	11.345	1571	1574	1577	rVV	105050	102504	3.01%	0.198%
30	11.398	1581	1583	1587	rVB	58816	54961	1.62%	0.106%
31	11.504	1597	1601	1603	rBV	1088425	963625	28.32%	1.860%
32	11.527	1603	1605	1609	rVV	985858	892350	26.23%	1.723%
33	11.580	1611	1614	1618	rVV	302489	279797	8.22%	0.540%
34	11.616	1618	1620	1625	rVB	40808	43110	1.27%	0.083%

LSC Area Percent Report

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Data File : BF103984.D
Acq On : 27 Mar 2018 21:40
Operator : JU/SJ
Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.739	1637	1641	1644	rBV3	54027	74032	2.18%	0.143%
36	11.798	1649	1651	1655	rVB	65041	55540	1.63%	0.107%
37	11.839	1655	1658	1661	rBV3	50644	52157	1.53%	0.101%
38	12.010	1683	1687	1689	rBV2	405815	449463	13.21%	0.868%
39	12.033	1689	1691	1695	rVV	285480	263653	7.75%	0.509%
40	12.080	1696	1699	1702	rVV	117365	110886	3.26%	0.214%
41	12.121	1702	1706	1708	rVV2	301817	351603	10.33%	0.679%
42	12.139	1708	1709	1713	rVV	134877	114826	3.37%	0.222%
43	12.180	1713	1716	1719	rVB2	54277	48654	1.43%	0.094%
44	12.298	1733	1736	1739	rVV	160687	142686	4.19%	0.275%
45	12.333	1739	1742	1747	rVB	78306	75664	2.22%	0.146%
46	12.451	1756	1762	1765	rBV4	49727	75672	2.22%	0.146%
47	12.557	1776	1780	1785	rBV3	150816	230007	6.76%	0.444%
48	12.616	1788	1790	1792	rVB	60556	44223	1.30%	0.085%
49	12.651	1792	1796	1800	rBV2	136056	165846	4.87%	0.320%
50	12.727	1804	1809	1812	rBV	2192737	2053670	60.36%	3.964%
51	12.763	1812	1815	1817	rVV	42862	43556	1.28%	0.084%
52	12.786	1817	1819	1822	rVV2	61714	82237	2.42%	0.159%
53	12.816	1822	1824	1828	rVV	167682	169460	4.98%	0.327%
54	12.880	1831	1835	1841	rVB3	96788	171062	5.03%	0.330%
55	12.963	1841	1849	1853	rBV	2137703	2546409	74.84%	4.916%
56	13.004	1853	1856	1860	rVB3	114052	128537	3.78%	0.248%
57	13.092	1863	1871	1874	rBV	2441522	2442776	71.80%	4.716%
58	13.116	1874	1875	1879	rVB	93169	67886	2.00%	0.131%
59	13.168	1879	1884	1889	rBV3	162384	271992	7.99%	0.525%
60	13.257	1896	1899	1900	rBV2	145410	149434	4.39%	0.288%
61	13.280	1900	1903	1908	rVV	290505	315232	9.26%	0.609%
62	13.345	1912	1914	1917	rVV	159556	145872	4.29%	0.282%
63	13.386	1917	1921	1924	rVV2	227416	248020	7.29%	0.479%
64	13.445	1928	1931	1934	rBV2	34418	45702	1.34%	0.088%
65	13.480	1934	1937	1940	rBV	146960	132434	3.89%	0.256%
66	13.510	1940	1942	1945	rVB	124769	110213	3.24%	0.213%
67	13.598	1954	1957	1960	rVB3	43025	45808	1.35%	0.088%
68	13.657	1960	1967	1968	rBV6	36145	73712	2.17%	0.142%
69	13.763	1982	1985	1987	rBV3	48750	51412	1.51%	0.099%
70	13.792	1987	1990	1994	rVB	159782	159590	4.69%	0.308%
71	13.904	2004	2009	2011	rBV2	198423	227182	6.68%	0.439%

LSC Area Percent Report

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Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-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-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.933	2011	2014	2016	rVV	220972	211162	6.21%	0.408%
73	13.963	2016	2019	2023	rVV3	479427	598448	17.59%	1.155%
74	13.998	2023	2025	2033	rVB	138458	190727	5.61%	0.368%
75	14.074	2033	2038	2043	rBV	67178	147272	4.33%	0.284%
76	14.151	2045	2051	2055	rBV2	1432537	2282886	67.10%	4.407%
77	14.186	2055	2057	2064	rVB	1161351	1038882	30.53%	2.005%
78	14.239	2064	2066	2068	rBV2	53572	47964	1.41%	0.093%
79	14.268	2068	2071	2075	rBV	223688	227631	6.69%	0.439%
80	14.304	2075	2077	2081	rVV	99381	89297	2.62%	0.172%
81	14.392	2087	2092	2094	rBV2	78730	104916	3.08%	0.203%
82	14.415	2094	2096	2099	rVB2	55947	52990	1.56%	0.102%
83	14.510	2109	2112	2114	rBV	79309	71413	2.10%	0.138%
84	14.551	2114	2119	2122	rVV	240188	277198	8.15%	0.535%
85	14.586	2122	2125	2127	rBV	93299	93972	2.76%	0.181%
86	14.680	2138	2141	2143	rBV	105382	109179	3.21%	0.211%
87	14.698	2143	2144	2149	rVB2	122770	107801	3.17%	0.208%
88	14.880	2172	2175	2176	rBV2	59778	60477	1.78%	0.117%
89	15.004	2193	2196	2200	rVB2	92351	113879	3.35%	0.220%
90	15.074	2204	2208	2215	rVB3	95192	160707	4.72%	0.310%
91	15.251	2232	2238	2240	rBV	928295	1500404	44.10%	2.896%
92	15.357	2253	2256	2261	rBV	227786	249813	7.34%	0.482%
93	15.451	2269	2272	2274	rBV3	51206	74882	2.20%	0.145%
94	15.574	2288	2293	2299	rVB	596655	865998	25.45%	1.672%
95	15.639	2299	2304	2309	rVV	944837	1165134	34.24%	2.249%
96	15.704	2310	2315	2318	rVV	485042	681374	20.03%	1.315%
97	15.739	2318	2321	2329	rVB	295184	399224	11.73%	0.771%
98	17.292	2578	2585	2594	rVB	396844	814729	23.95%	1.573%
99	17.774	2660	2667	2675	rVB	309279	676660	19.89%	1.306%
100	18.027	2705	2710	2718	rVB	91469	189955	5.58%	0.367%

Sum of corrected areas: 51802966

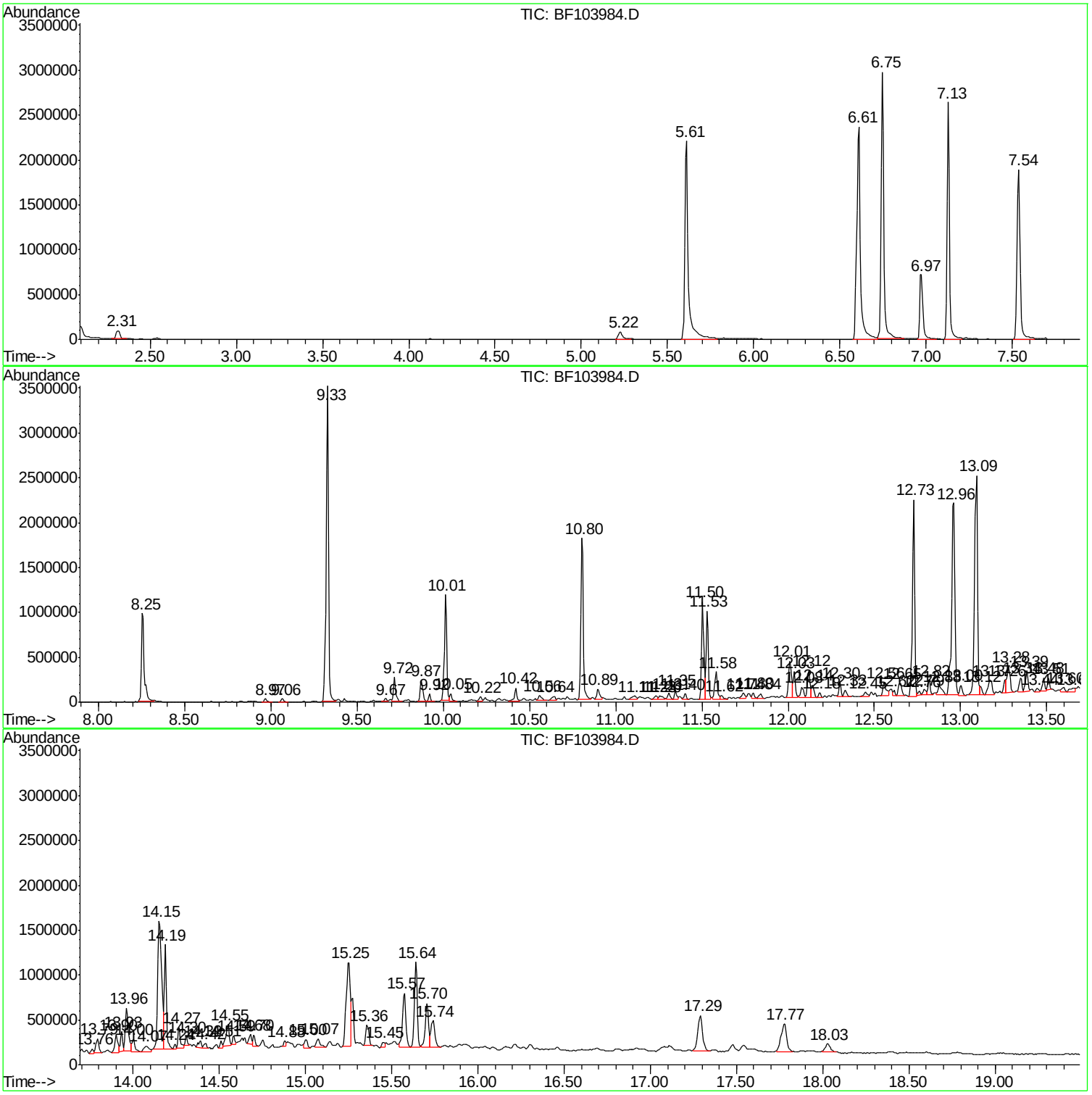
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103984.D
Acq On : 27 Mar 2018 21:40
Operator : JU/SJ
Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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\BF032718\
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Acq On : 27 Mar 2018 21:40
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

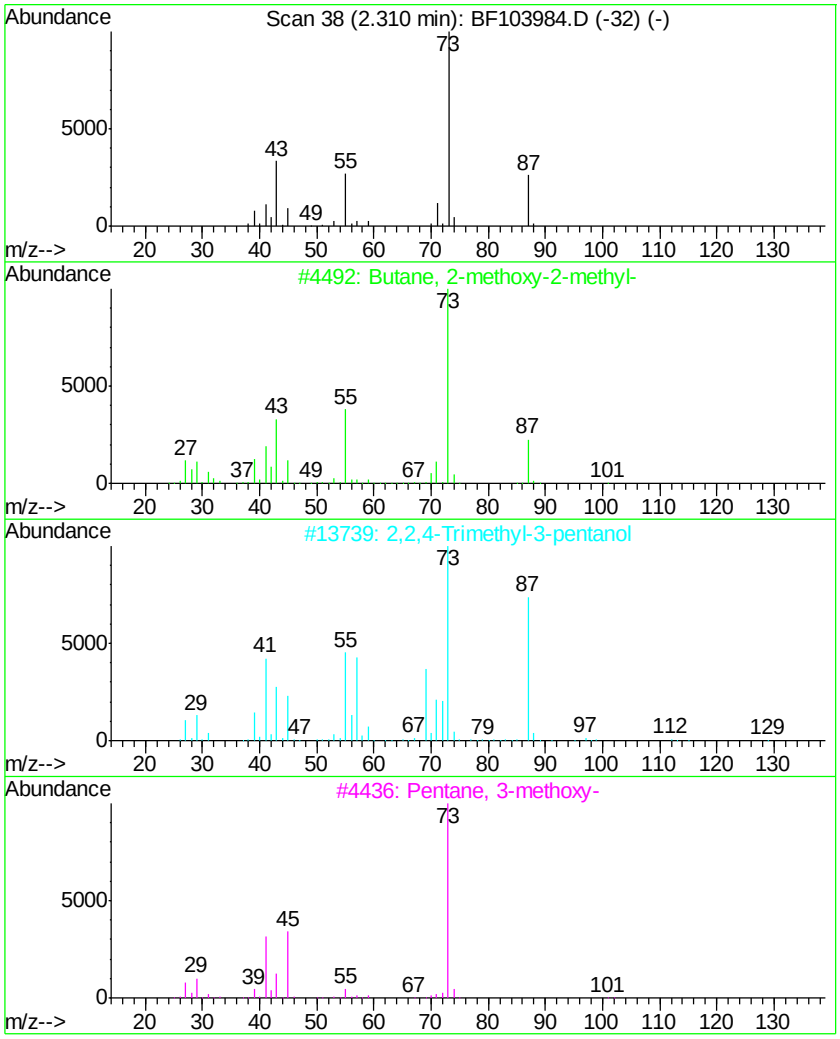
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

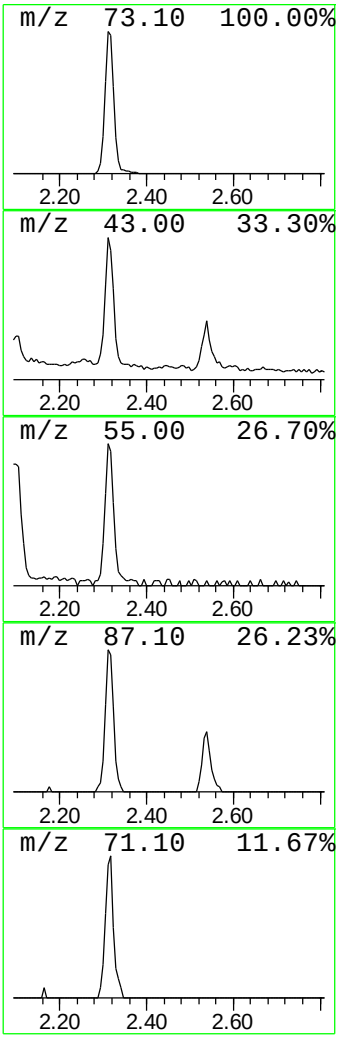
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	3.29 ng	132591	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103984.D
Acq On : 27 Mar 2018 21:40
Operator : JU/SJ
Sample : J2050-01
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Instrument : BNA_F
ClientSampleId : TP-2-MH-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

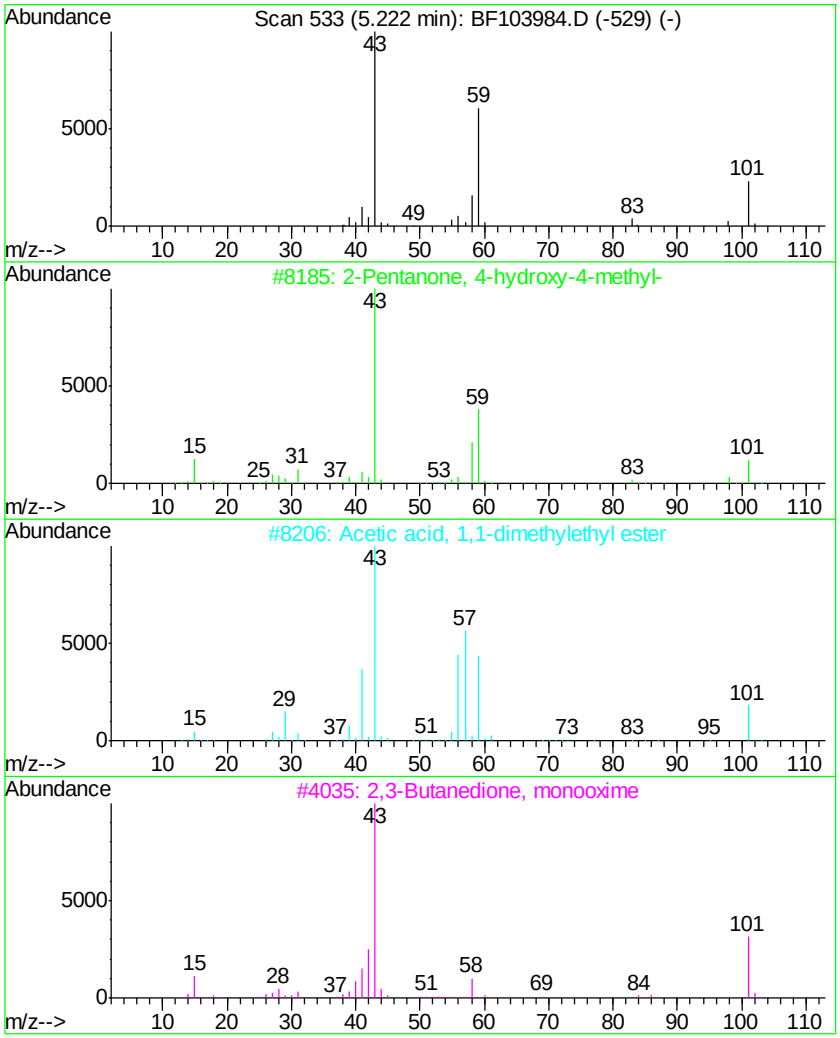
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

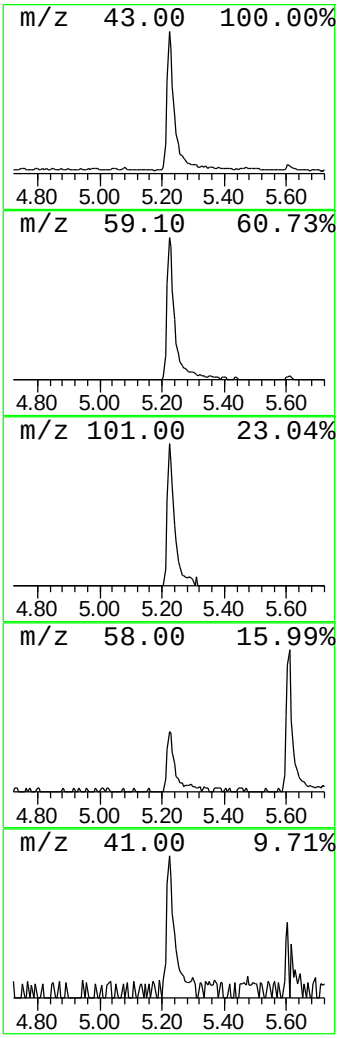
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.44 ng	138543	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





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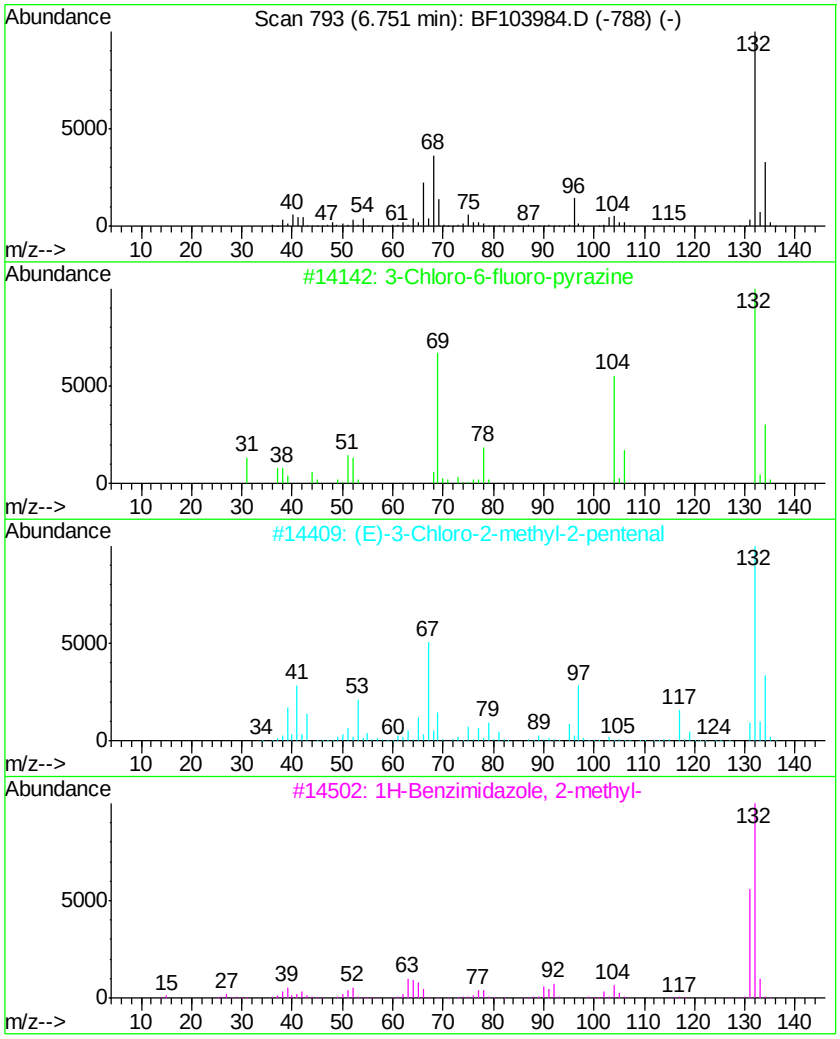
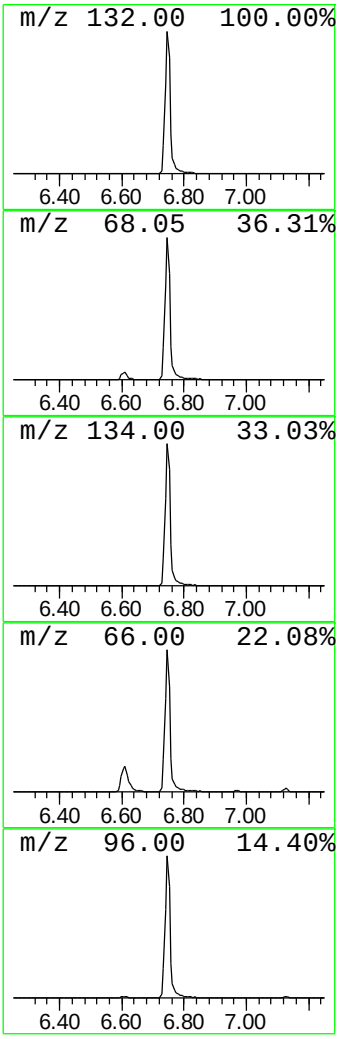
****

Peak Number 3 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	84.36 ng	3396020	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Instrument : BNA_F
ClientSampleId : TP-2-MH-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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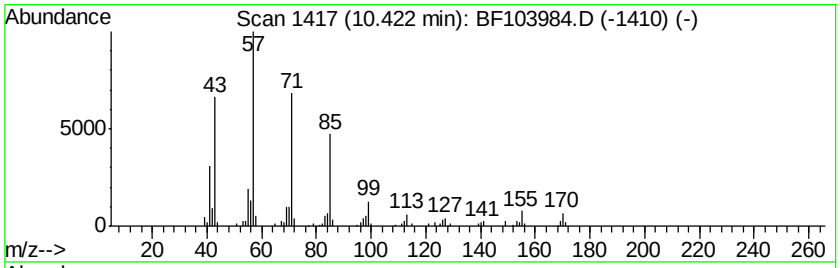
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

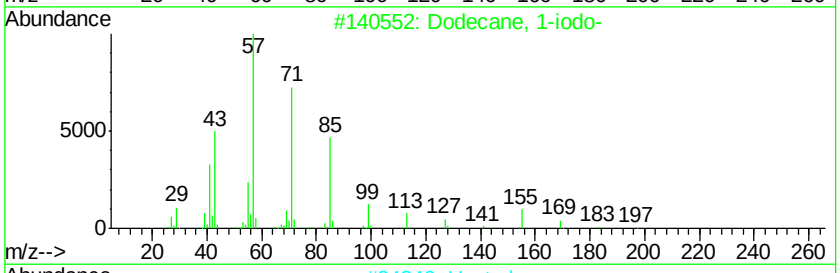
****

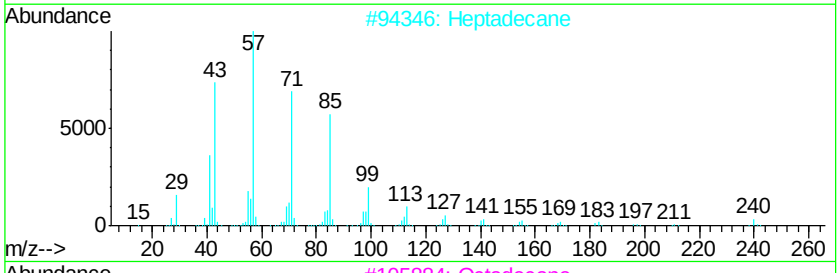
Peak Number 5 Dodecane, 1-iodo- Concentration Rank 20

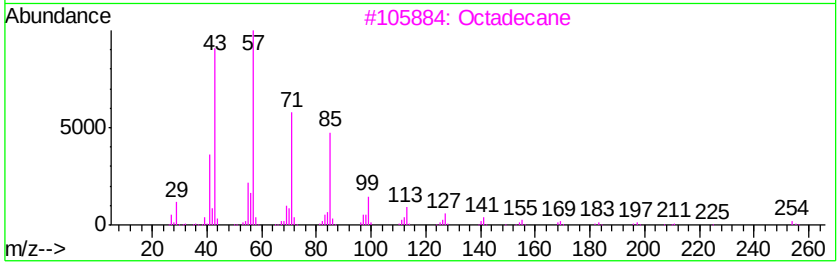
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.46 ng	134632	Acenaphthene-d10	10.01

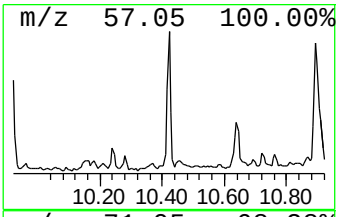
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane	226	C16H34	000544-76-3	86

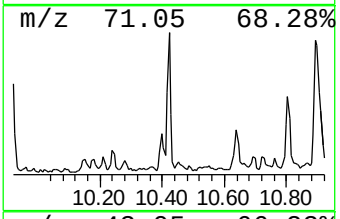


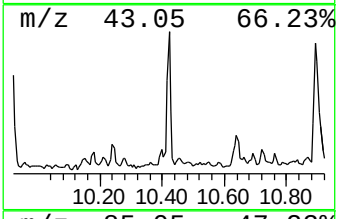


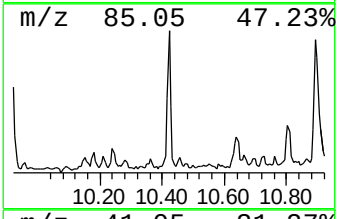


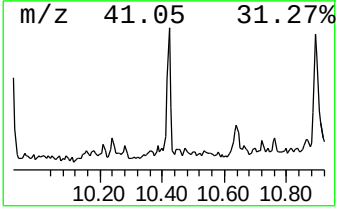












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Operator : JU/SJ
Sample : J2050-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-MH-C

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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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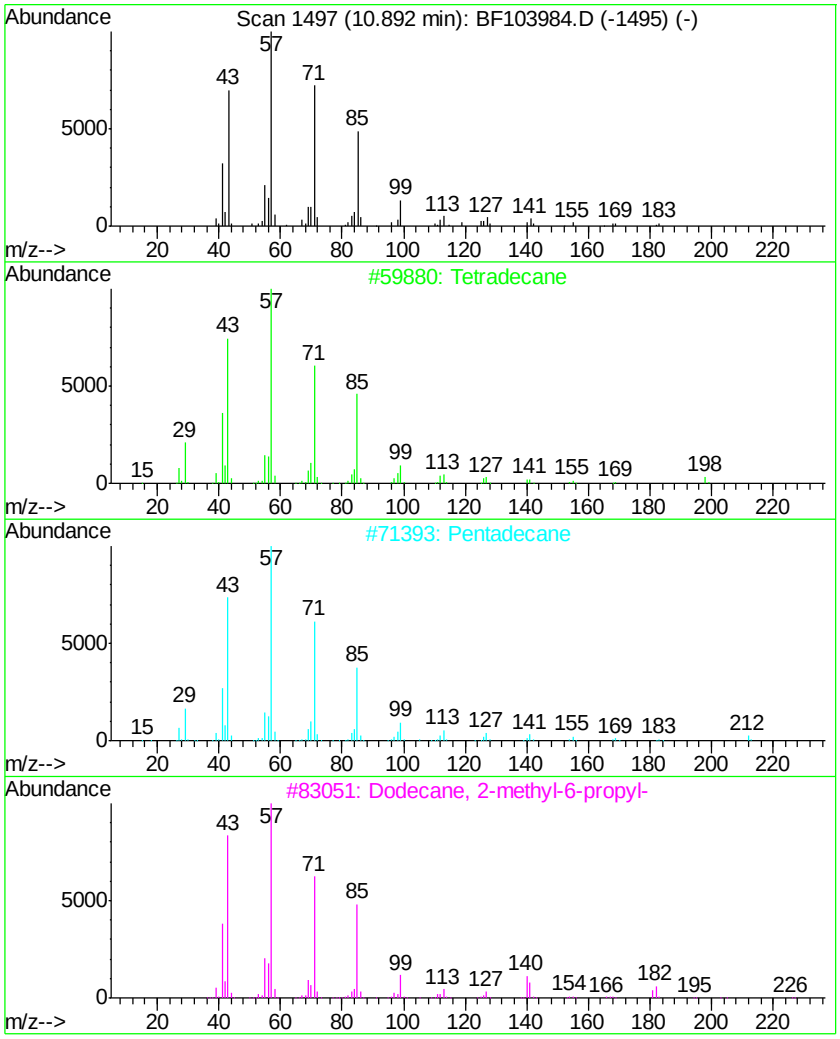
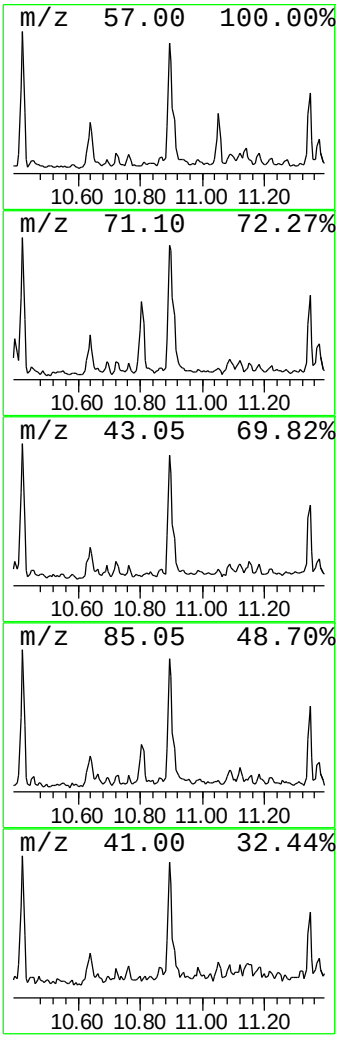
Peak Number 6 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.67 ng	128872	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Heptacosane	380	C27H56	000593-49-7	72
5	Heneicosane	296	C21H44	000629-94-7	64





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-MH-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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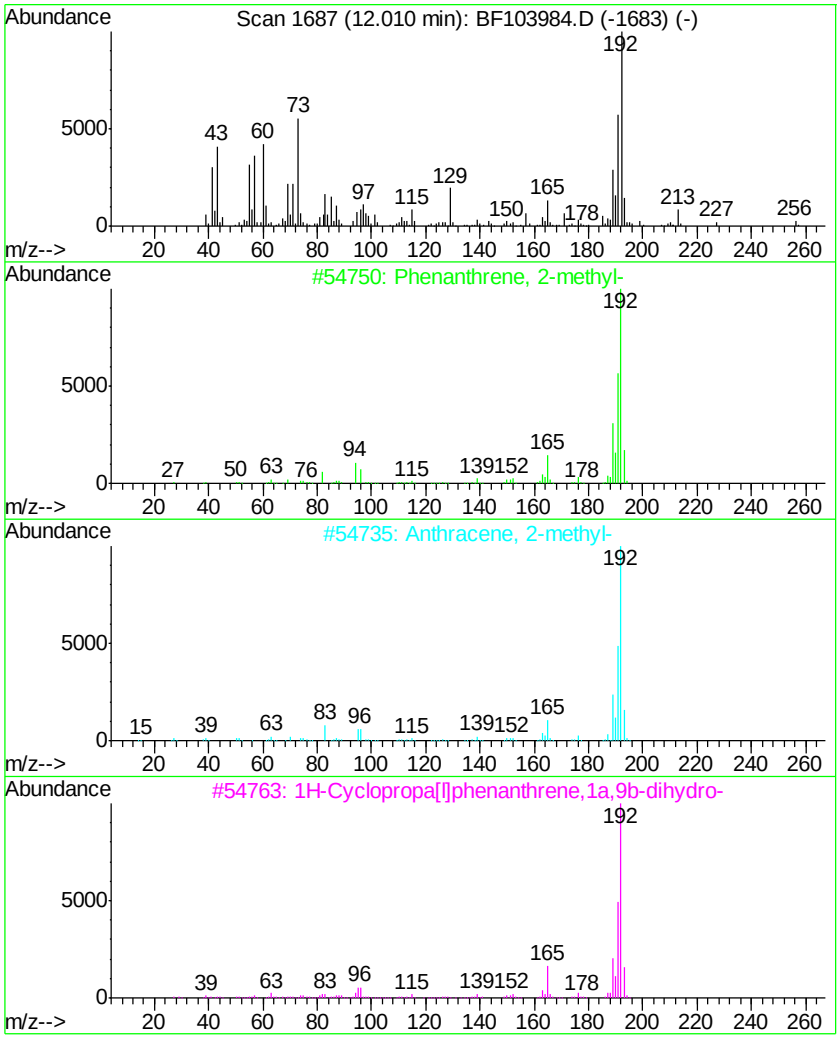
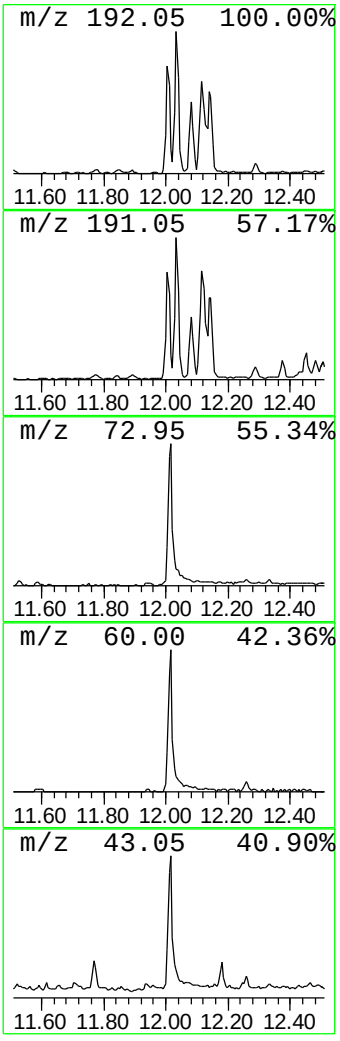
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.33 ng	449463	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Instrument : BNA_F
ClientSampleId : TP-2-MH-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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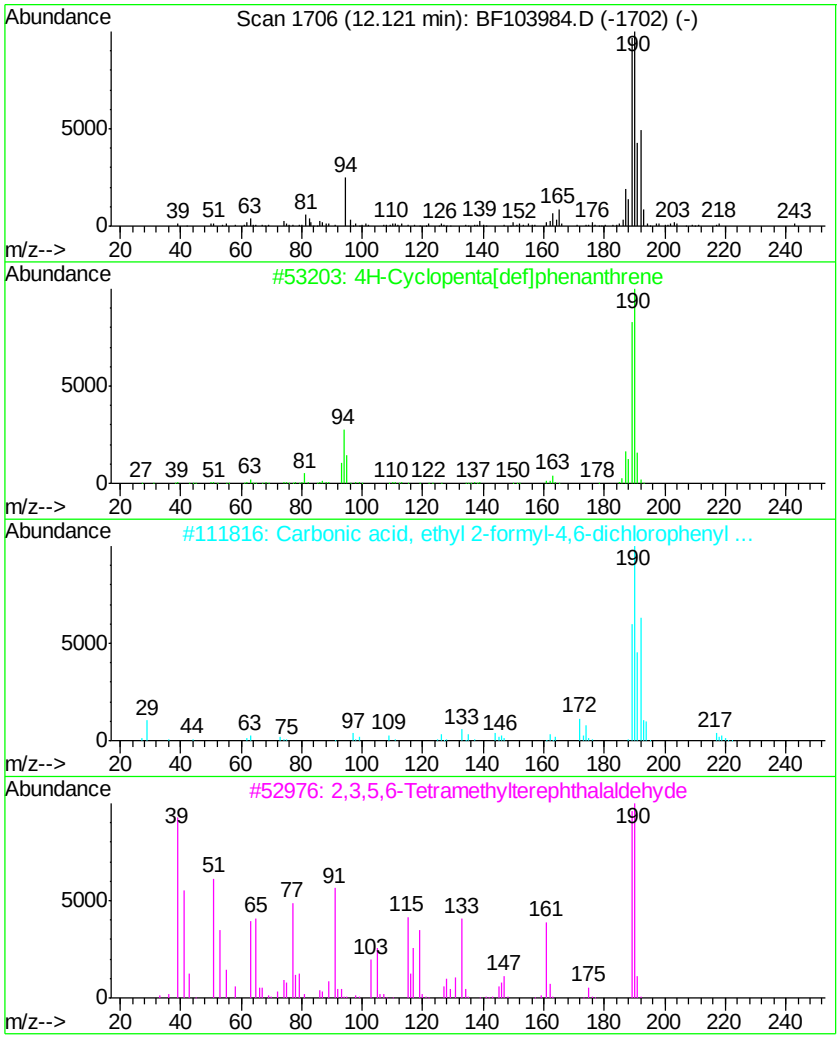
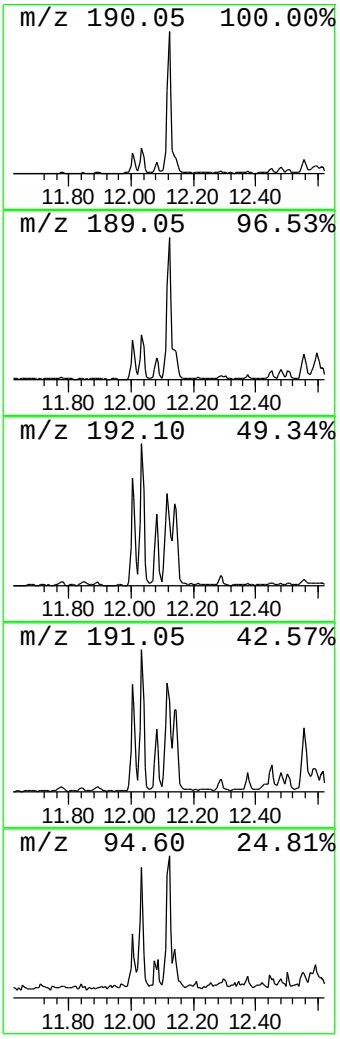
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	7.30 ng	351603	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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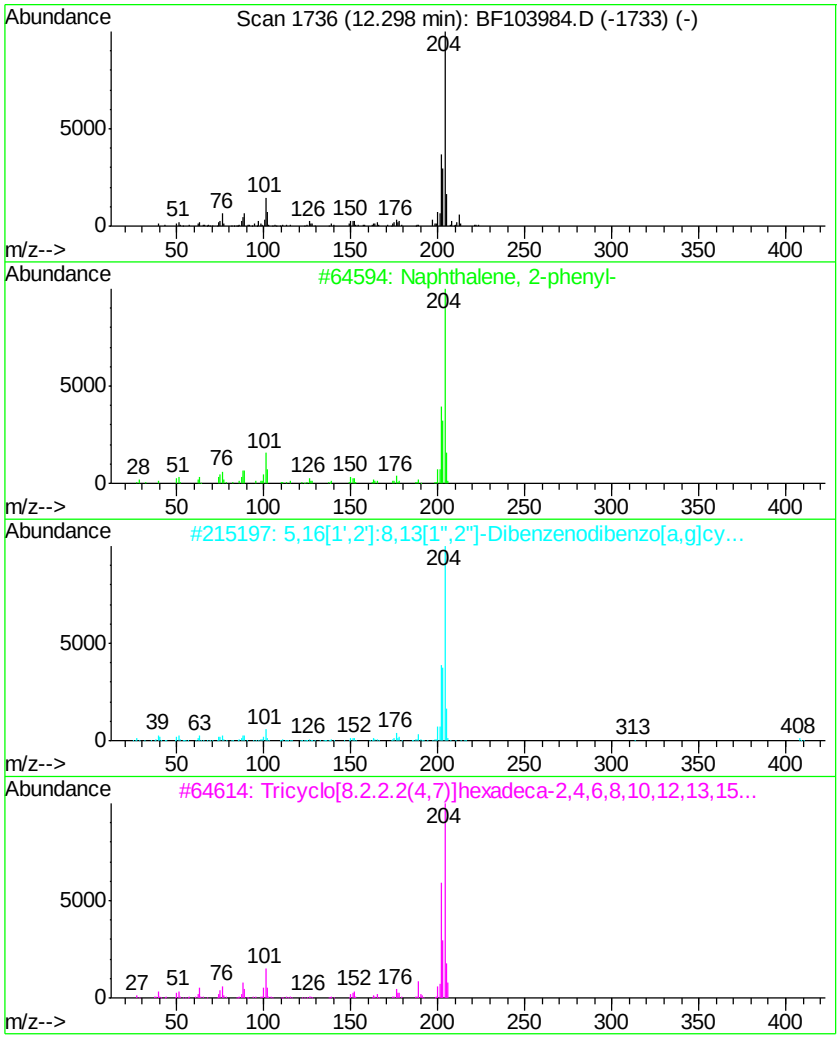
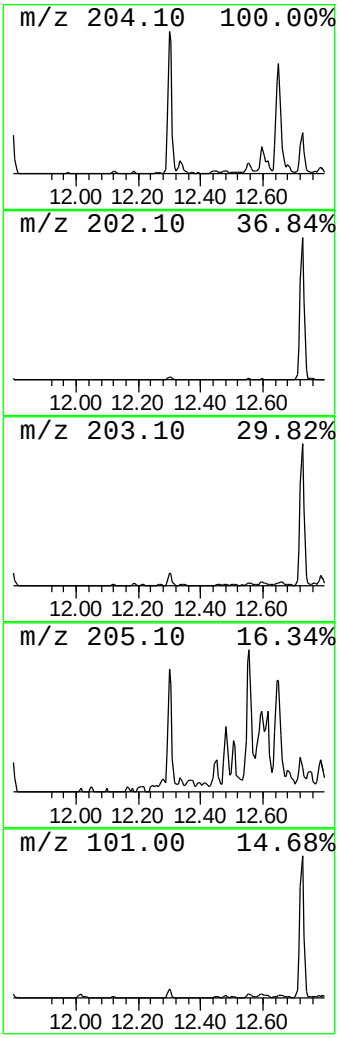
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.96 ng	142686	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	Levamisole	204	C11H12N2S	014769-73-4	59





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : TP-2-MH-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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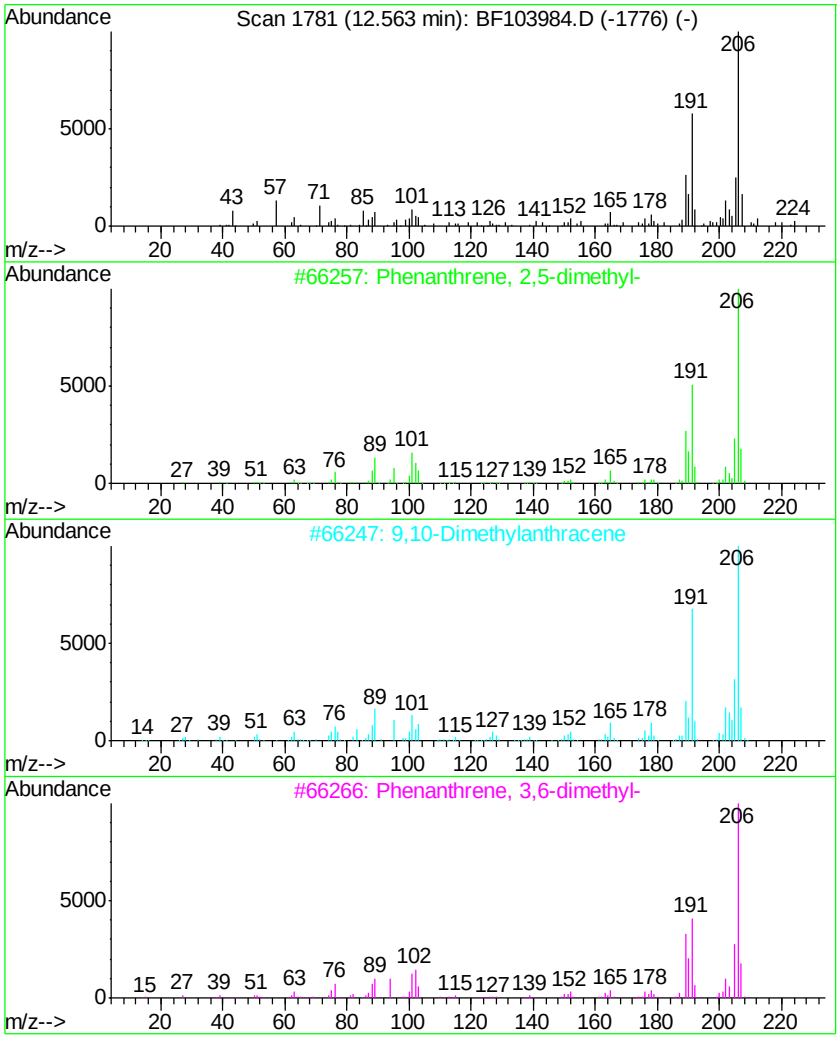
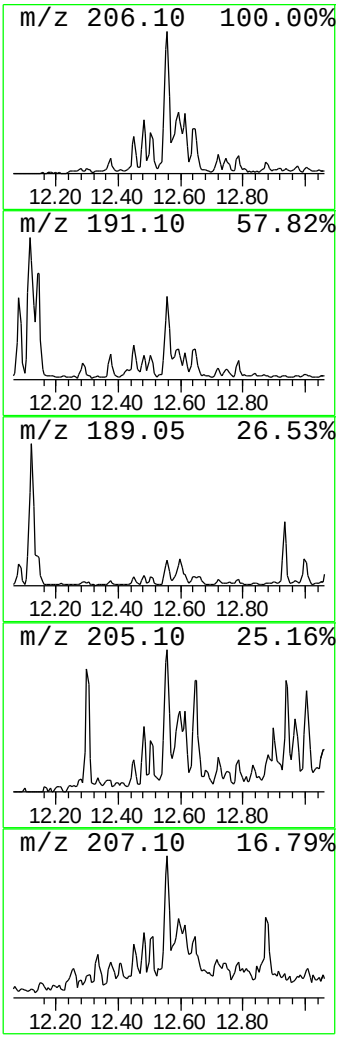
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.77 ng	230007	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-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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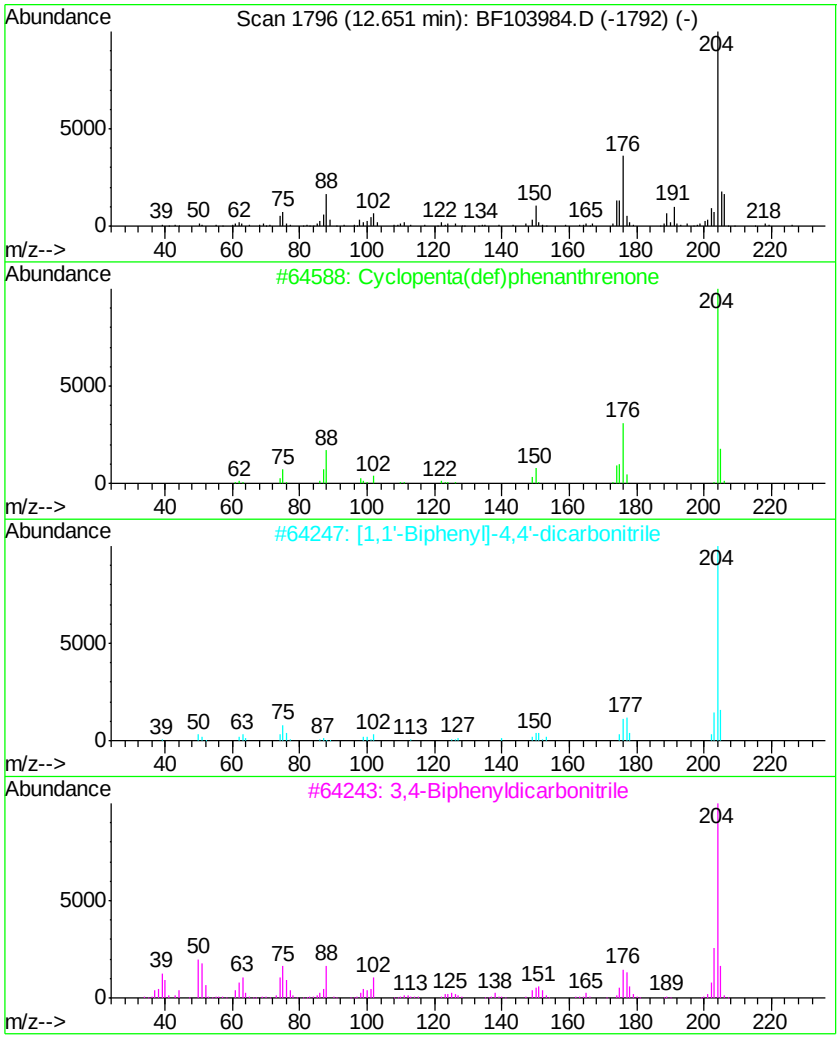
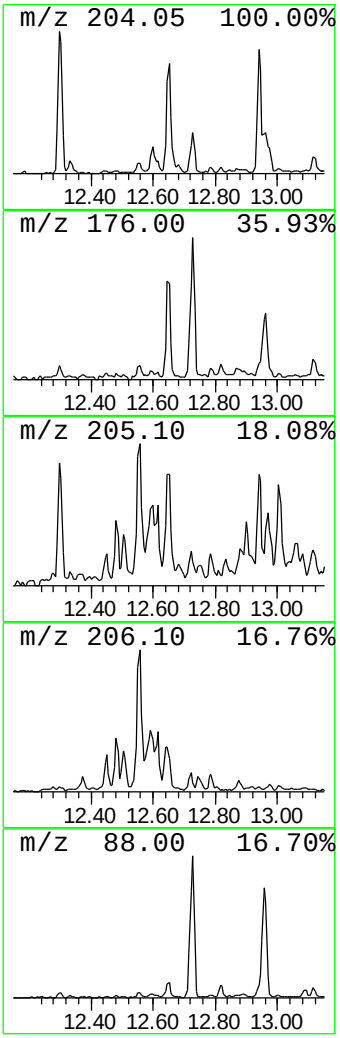
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.44 ng	165846	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43





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Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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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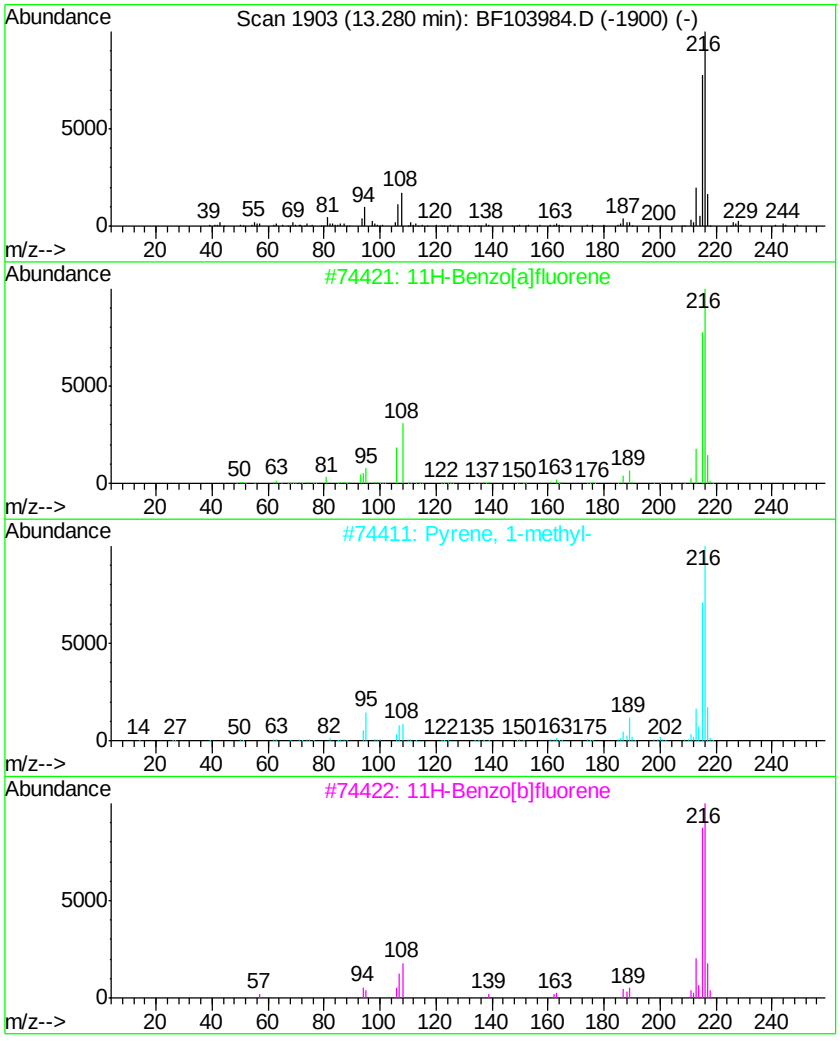
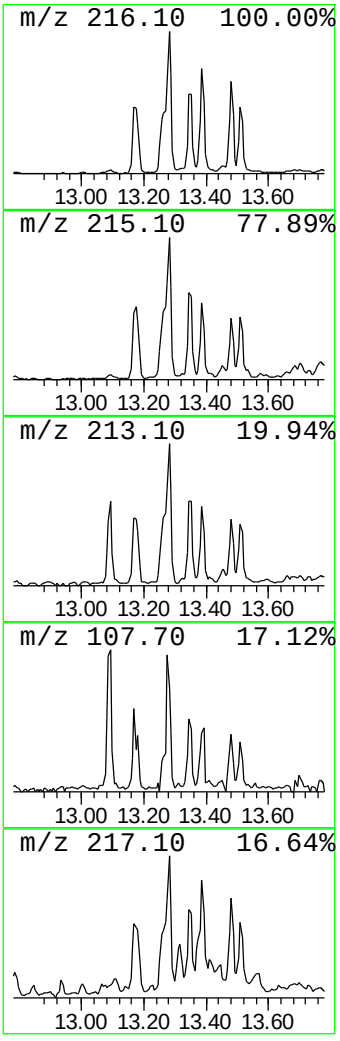
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.76 ng	315232	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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TIC Library : C:\DATABASE\NIST11.L
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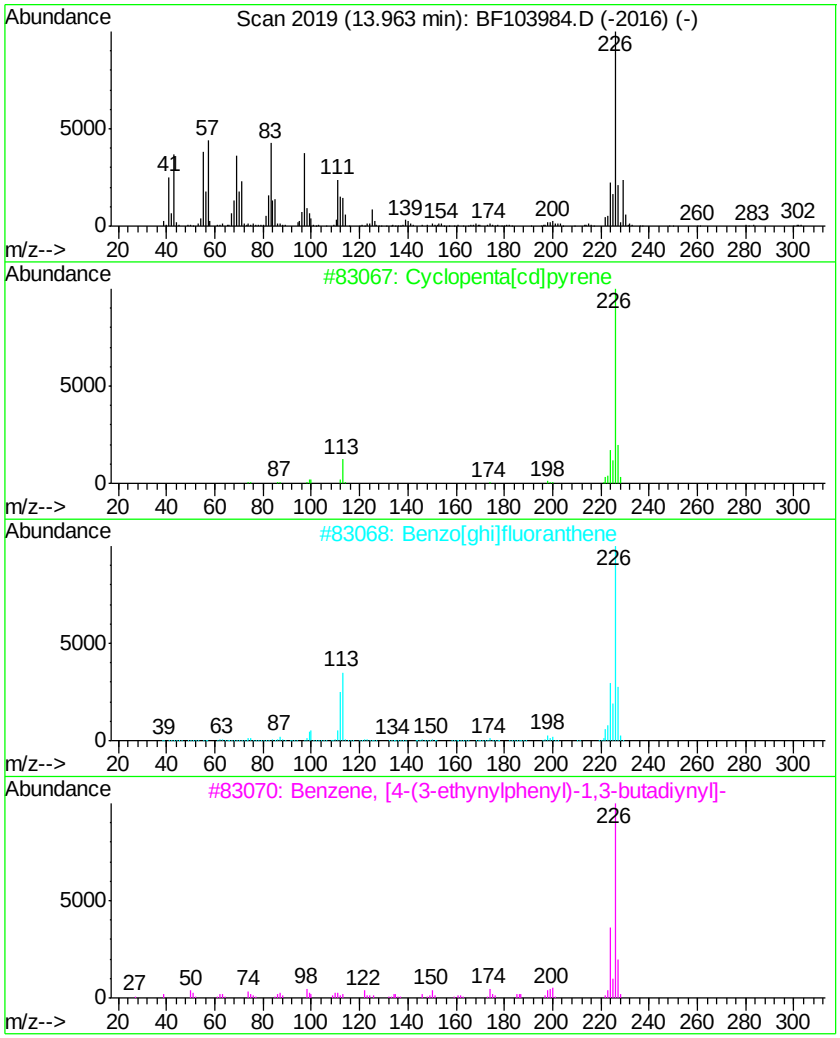
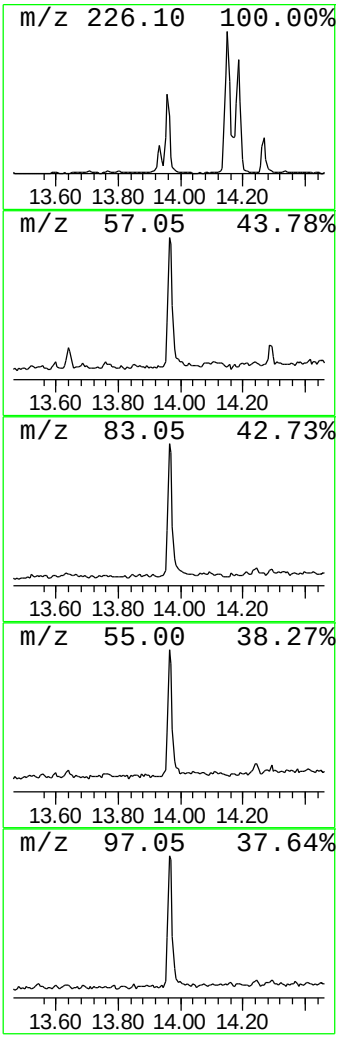
Peak Number 15 unknown13.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.24 ng	598448	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	30
5	Anthralin	226	C14H10O3	001143-38-0	27





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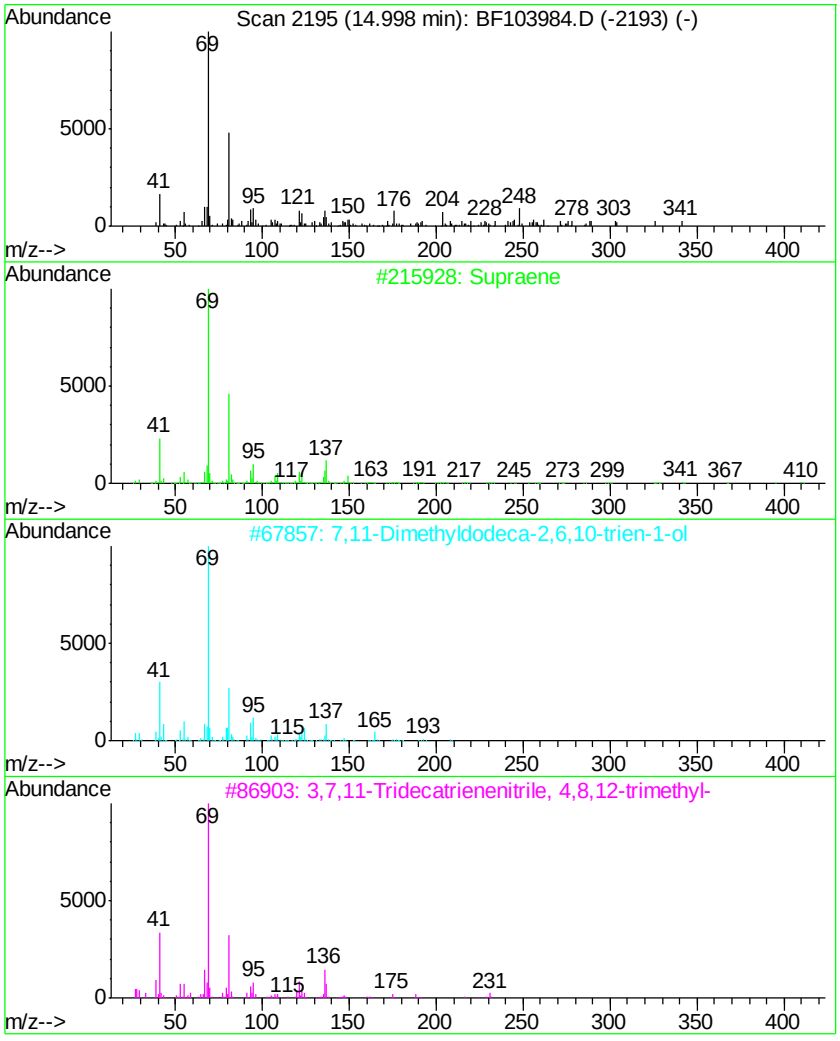
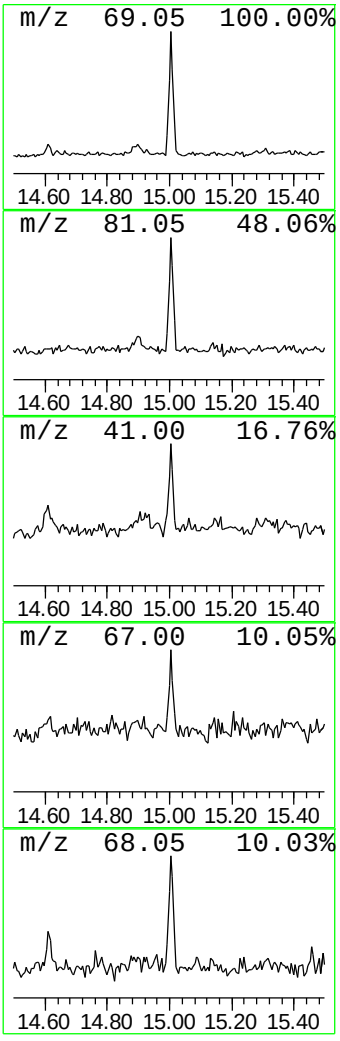
Peak Number 16 Supraene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.34 ng	113879	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	80
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	76
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
4	Squalene	410	C30H50	000111-02-4	72
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72





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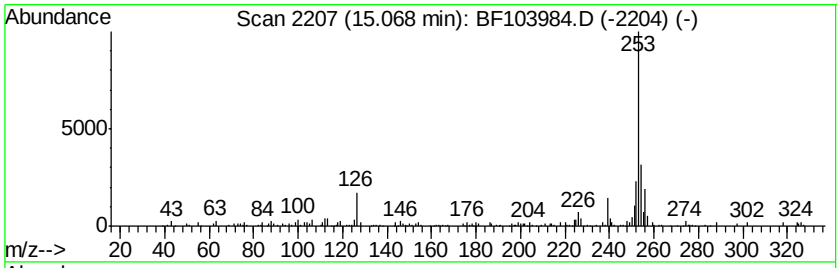
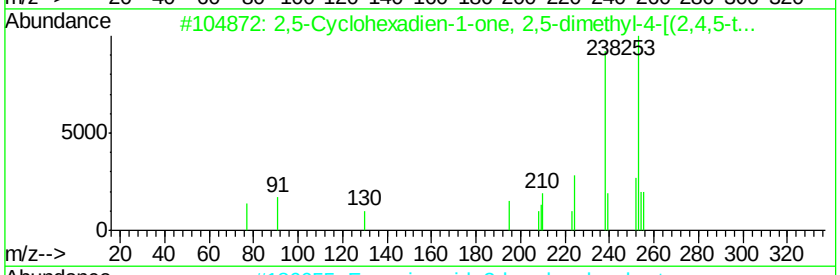
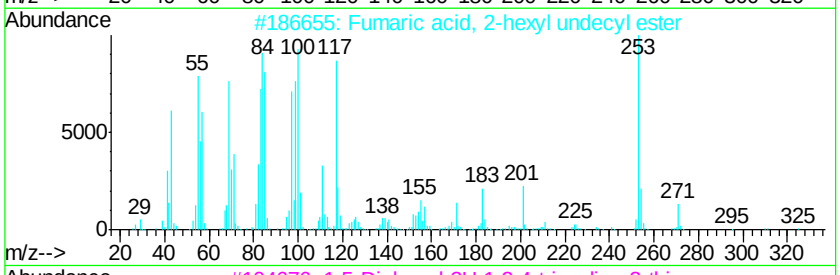
Peak Number 17 2,5-Cyclohexadien-1-one, 2,... Concentration Rank 11

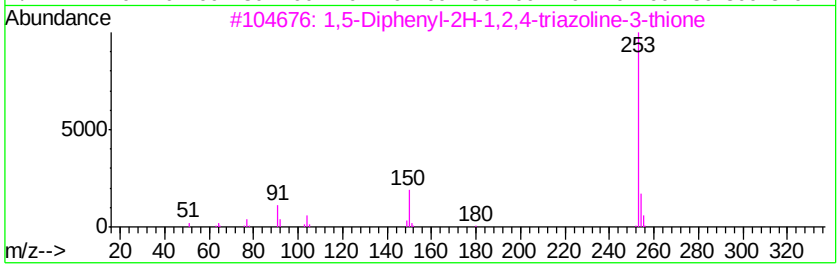
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	4.72 ng	160707	Perylene-d12	15.70

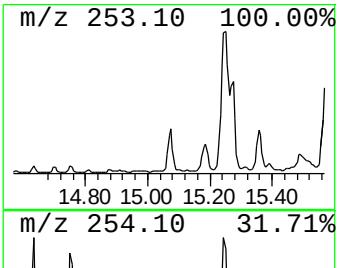
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 2,5-dim...	253	C17H19NO	054245-93-1	53
2	Fumaric acid, 2-hexyl undecyl ester	354	C21H38O4	1000348-74-9	43
3	1,5-Diphenyl-2H-1,2,4-triazoline...	253	C14H11N3S	005055-74-3	43
4	3-Chloro-2-nitrobenzyl alcohol, ...	299	C9H5Cl2F2NO4	1000376-11-2	43
5	Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	37

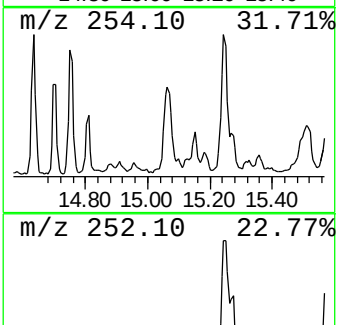


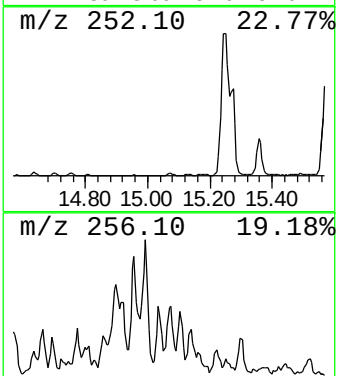


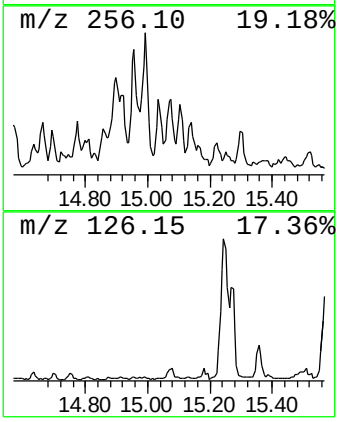












Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103984.D
Acq On : 27 Mar 2018 21:40
Operator : JU/SJ
Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

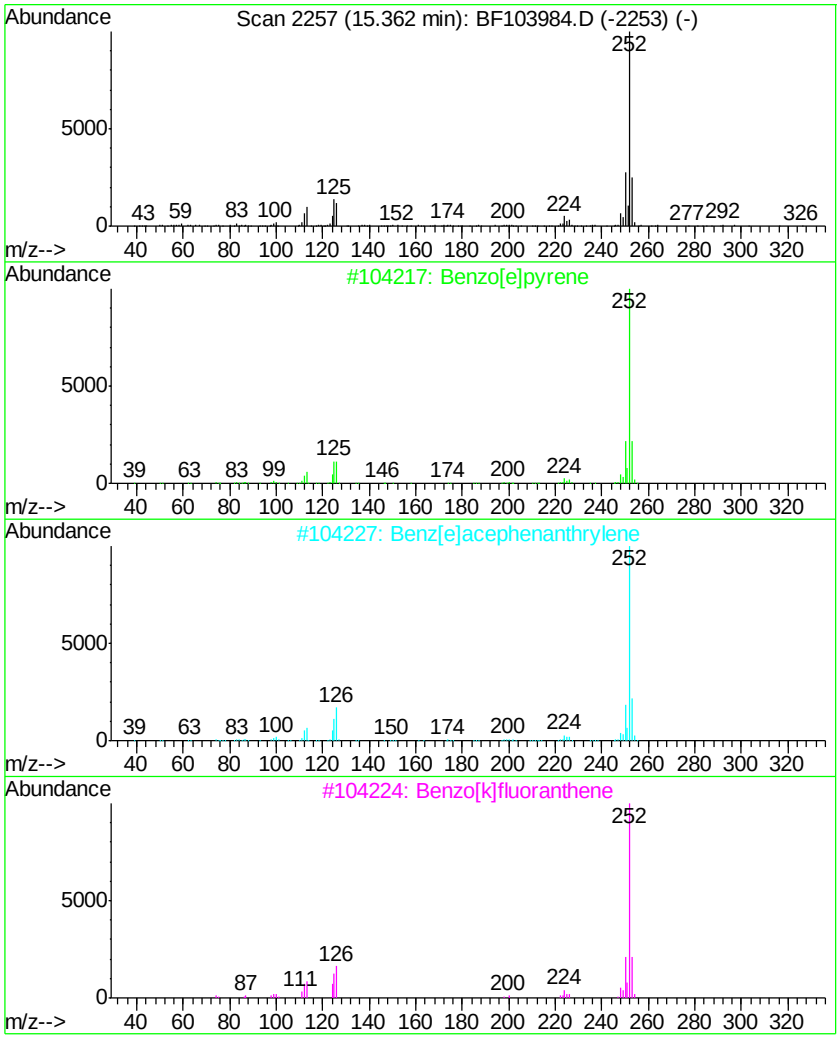
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

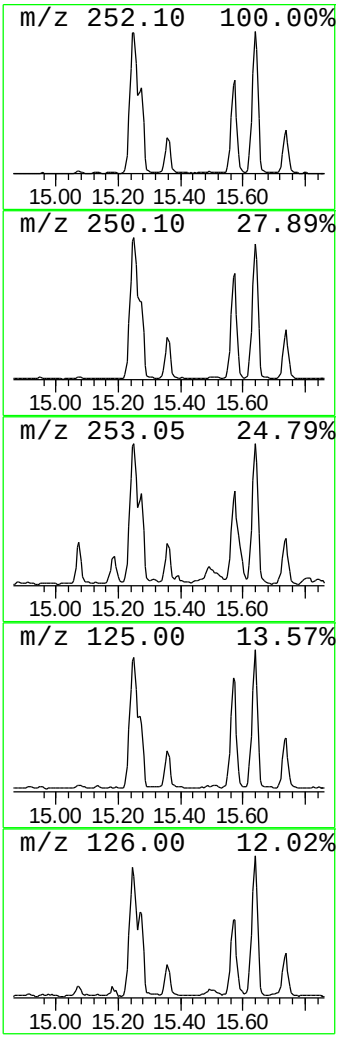
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	7.33 ng	249813	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032718\
Data File : BF103984.D
Acq On : 27 Mar 2018 21:40
Operator : JU/SJ
Sample : J2050-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-MH-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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...	2.31	3.3	ng	132591	1	6.97	805138	20.0
2-Pentanone, 4-hy...	5.22	3.4	ng	138543	1	6.97	805138	20.0
unknown6.75	6.75	84.4	ng	3396020	1	6.97	805138	20.0
Dodecane, 1-iodo-	10.42	2.5	ng	134632	3	10.01	1096070	20.0
Tetradecane	10.89	2.7	ng	128872	4	11.50	963625	20.0
Phenanthrene, 2-m...	12.01	9.3	ng	449463	4	11.50	963625	20.0
4H-Cyclopenta[def...	12.12	7.3	ng	351603	4	11.50	963625	20.0
Naphthalene, 2-ph...	12.30	3.0	ng	142686	4	11.50	963625	20.0
Phenanthrene, 2,5...	12.56	4.8	ng	230007	4	11.50	963625	20.0
Cyclopenta(def)ph...	12.65	3.4	ng	165846	4	11.50	963625	20.0
11H-Benzo[a]fluorene	13.28	2.8	ng	315232	5	14.16	2282890	20.0
unknown13.96	13.96	5.2	ng	598448	5	14.16	2282890	20.0
Supraene	15.00	3.3	ng	113879	6	15.70	681374	20.0
2,5-Cyclohexadien...	15.07	4.7	ng	160707	6	15.70	681374	20.0
Benzo[e]pyrene	15.36	7.3	ng	249813	6	15.70	681374	20.0