LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097294.D
Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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	4.581	454	458	475	rBV	417409	658018	30.56%	2.282%
2	5.051	534	538	561	rBV	1919237	2153513	100.00%	7.470%
3	6.122	716	720	734	rVB	1910686	2071583	96.20%	7.185%
4	6.228	734	738	747	rVB	2164812	2049829	95.19%	7.110%
5	6.451	773	776	780	rBV	602698	525205	24.39%	1.822%
6	6.604	798	802	813	rBV	1511605	1513143	70.26%	5.248%
7	7.022	869	873	880	rBV	1384919	1250303	58.06%	4.337%
8	7.075	880	882	888	rVB3	20128	22722	1.06%	0.079%
9	7.733	990	994	1002	rBV	867641	729524	33.88%	2.530%
10	8.180	1065	1070	1077	rVB3	22015	24665	1.15%	0.086%
11	8.816	1173	1178	1181	rBV	1941818	1858983	86.32%	6.448%
12	9.145	1231	1234	1236	rBV	28161	27988	1.30%	0.097%
13	9.210	1242	1245	1251	rBV	378005	317503	14.74%	1.101%
14	9.339	1264	1267	1273	rVB	59481	53025	2.46%	0.184%
15	9.474	1287	1290	1294	rVV	745894	708754	32.91%	2.458%
16	9.510	1294	1296	1300	rVB	63420	52718	2.45%	0.183%
17	9.686	1319	1326	1329	rBV	41265	48406	2.25%	0.168%
18	9.727	1329	1333	1336	rVB	25390	21937	1.02%	0.076%
19	9.933	1365	1368	1371	rBV	57314	43844	2.04%	0.152%
20	10.021	1380	1383	1386	rBV	124702	104985	4.88%	0.364%
21	10.151	1399	1405	1408	rBV4	23185	34332	1.59%	0.119%
22	10.180	1408	1410	1413	rBV	36564	30193	1.40%	0.105%
23	10.263	1421	1424	1430	rBV	1095863	1032747	47.96%	3.582%
24	10.398	1441	1447	1453	rBV2	67161	97335	4.52%	0.338%
25	10.569	1472	1476	1479	rBV2	36433	42628	1.98%	0.148%
26	10.698	1493	1498	1500	rBV3	25866	27253	1.27%	0.095%
27	10.721	1500	1502	1507	rVB2	29493	31184	1.45%	0.108%
28	10.768	1507	1510	1513	rVB2	35804	31752	1.47%	0.110%
29	10.810	1513	1517	1520	rBV2	21751	25033	1.16%	0.087%
30	10.851	1520	1524	1526	rBV	67149	62213	2.89%	0.216%
31	10.951	1537	1541	1543	rBV	642818	584612	27.15%	2.028%
32	10.974	1543	1545	1548	rVV	1032192	816737	37.93%	2.833%
33	11.027	1549	1554	1558	rVB	205202	192886	8.96%	0.669%
34	11.068	1558	1561	1564	rBV2	21802	22779	1.06%	0.079%

LSC Area Percent Report

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Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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	11.192	1577	1582	1584	rBV2	71209	71306	3.31%	0.247%
36	11.210	1584	1585	1589	rVB4	30023	28315	1.31%	0.098%
37	11.451	1621	1626	1628	rBV	136094	114699	5.33%	0.398%
38	11.480	1628	1631	1634	rVV	172297	150279	6.98%	0.521%
39	11.510	1634	1636	1637	rVV	37462	30888	1.43%	0.107%
40	11.527	1637	1639	1641	rVV	60299	51538	2.39%	0.179%
41	11.557	1641	1644	1647	rVV	230474	231107	10.73%	0.802%
42	11.580	1647	1648	1656	rVB	83263	73985	3.44%	0.257%
43	11.674	1660	1664	1668	rVB6	13348	23780	1.10%	0.082%
44	11.745	1673	1676	1679	rVV	94829	79552	3.69%	0.276%
45	11.780	1679	1682	1685	rVB	86403	74506	3.46%	0.258%
46	11.892	1696	1701	1704	rBV	25080	30236	1.40%	0.105%
47	11.927	1704	1707	1709	rVV	30498	22896	1.06%	0.079%
48	11.951	1709	1711	1714	rVB2	24143	22006	1.02%	0.076%
49	11.998	1714	1719	1722	rBV	68810	74694	3.47%	0.259%
50	12.039	1722	1726	1728	rVV3	42587	53993	2.51%	0.187%
51	12.086	1731	1734	1738	rVB	75861	78671	3.65%	0.273%
52	12.157	1742	1746	1750	rBV	1345129	1212698	56.31%	4.206%
53	12.210	1752	1755	1756	rBV	25312	25861	1.20%	0.090%
54	12.298	1766	1770	1773	rBV	68373	76635	3.56%	0.266%
55	12.380	1779	1784	1787	rBV	1153480	1164889	54.09%	4.040%
56	12.433	1790	1793	1800	rVB2	65402	77093	3.58%	0.267%
57	12.504	1802	1805	1806	rBV	84557	64296	2.99%	0.223%
58	12.533	1806	1810	1817	rVB	1353002	1277728	59.33%	4.432%
59	12.604	1817	1822	1826	rBV3	82674	140482	6.52%	0.487%
60	12.686	1830	1836	1838	rBV4	72574	98330	4.57%	0.341%
61	12.710	1838	1840	1844	rVB	196769	173692	8.07%	0.602%
62	12.774	1848	1851	1854	rBV	138598	133630	6.21%	0.463%
63	12.810	1854	1857	1862	rVV	117929	130255	6.05%	0.452%
64	12.874	1865	1868	1870	rBV2	27675	28849	1.34%	0.100%
65	12.904	1870	1873	1876	rVB	61842	49889	2.32%	0.173%
66	12.933	1876	1878	1882	rBV2	61124	57650	2.68%	0.200%
67	13.110	1902	1908	1910	rBV6	32514	53278	2.47%	0.185%
68	13.133	1910	1912	1915	rVV3	33811	31541	1.46%	0.109%
69	13.192	1919	1922	1924	rBV3	32613	36481	1.69%	0.127%
70	13.221	1924	1927	1931	rVB	81517	83579	3.88%	0.290%
71	13.327	1940	1945	1947	rBV	94757	114632	5.32%	0.398%

LSC Area Percent Report

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Sample : I4539-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-5

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	13.351	1947	1949	1951	rVV	70935	61893	2.87%	0.215%
73	13.374	1951	1953	1955	rVV	63079	48438	2.25%	0.168%
74	13.427	1960	1962	1964	rBV	94038	83526	3.88%	0.290%
75	13.457	1964	1967	1972	rVB2	97251	111393	5.17%	0.386%
76	13.568	1979	1986	1989	rBV2	756257	1151515	53.47%	3.994%
77	13.598	1989	1991	2000	rVV	500180	517493	24.03%	1.795%
78	13.674	2001	2004	2007	rVV	104697	98620	4.58%	0.342%
79	13.727	2010	2013	2015	rVV	44385	48399	2.25%	0.168%
80	13.774	2018	2021	2023	rVV2	42324	57438	2.67%	0.199%
81	13.804	2025	2026	2030	rVB	39883	31600	1.47%	0.110%
82	13.921	2044	2046	2049	rBV2	46484	56465	2.62%	0.196%
83	13.962	2049	2053	2056	rVV	119238	136914	6.36%	0.475%
84	13.992	2056	2058	2061	rVV2	58131	67225	3.12%	0.233%
85	14.057	2065	2069	2071	rVV2	69940	99289	4.61%	0.344%
86	14.086	2071	2074	2075	rVV3	68127	77850	3.62%	0.270%
87	14.104	2075	2077	2080	rVV2	74317	75101	3.49%	0.260%
88	14.156	2084	2086	2092	rVB3	39474	39976	1.86%	0.139%
89	14.339	2113	2117	2126	rBV	191195	223986	10.40%	0.777%
90	14.433	2130	2133	2136	rBV2	47197	51956	2.41%	0.180%
91	14.568	2151	2156	2164	rBV	439018	746231	34.65%	2.588%
92	14.656	2168	2171	2174	rVB	90576	91094	4.23%	0.316%
93	14.815	2194	2198	2203	rVB	222474	243100	11.29%	0.843%
94	14.868	2203	2207	2211	rBV	341781	359987	16.72%	1.249%
95	14.915	2211	2215	2218	rBV	296659	338073	15.70%	1.173%
96	14.945	2218	2220	2223	rVB	63692	53927	2.50%	0.187%
97	16.121	2415	2420	2426	rBV	116964	197340	9.16%	0.684%
98	16.303	2449	2451	2456	rVB6	23149	27289	1.27%	0.095%
99	16.480	2477	2481	2490	rVB	87042	158303	7.35%	0.549%
100	16.680	2511	2515	2520	rBV2	32112	64012	2.97%	0.222%

Sum of corrected areas: 28830704

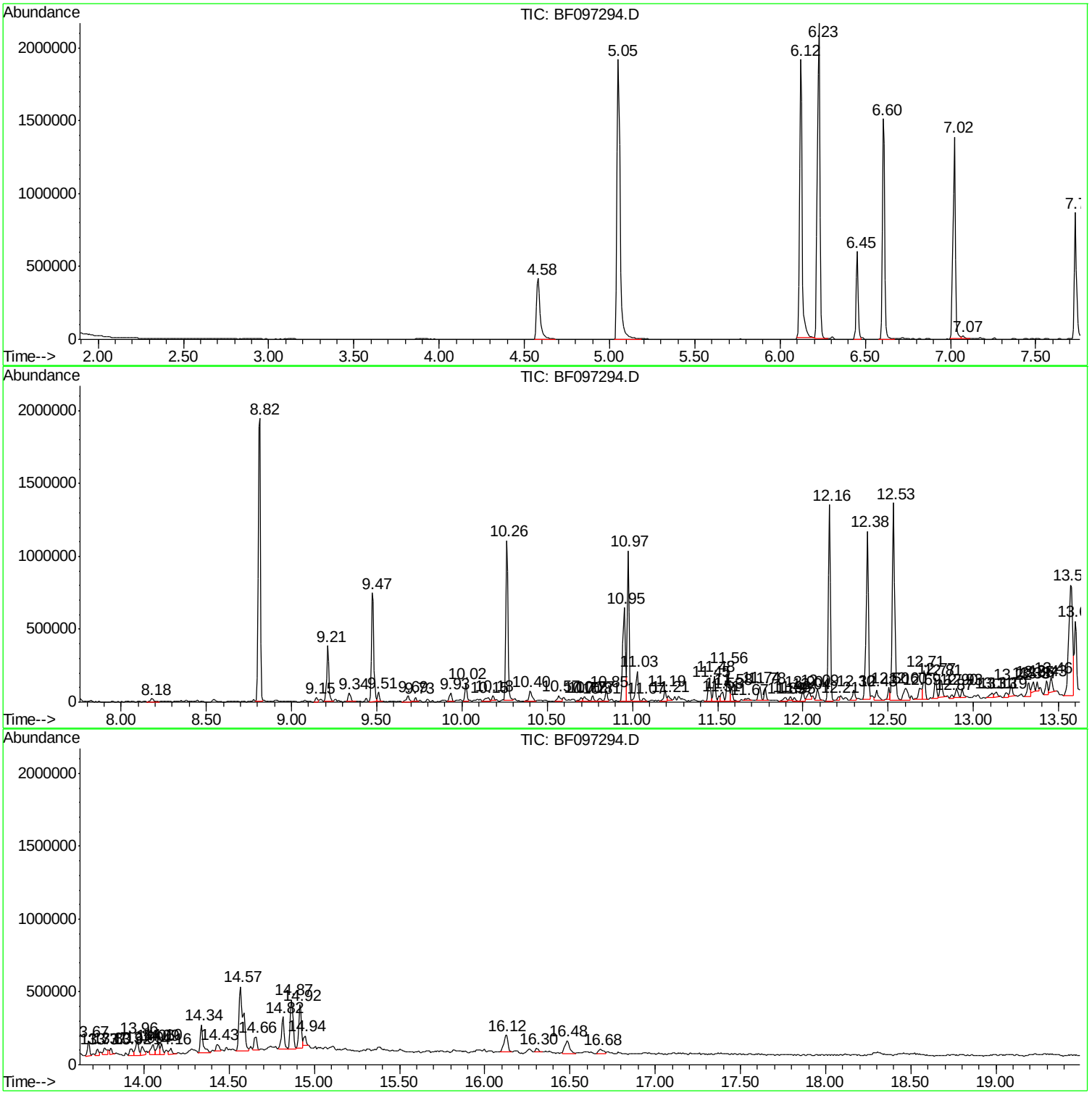
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097294.D
Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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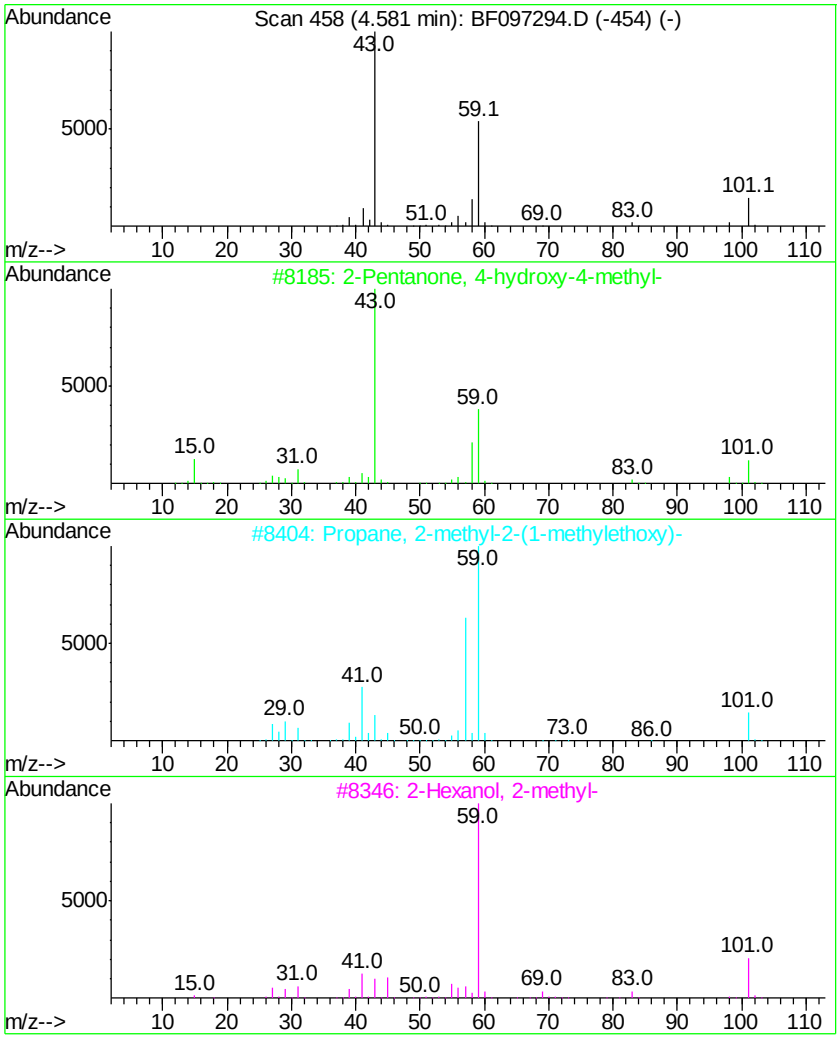
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

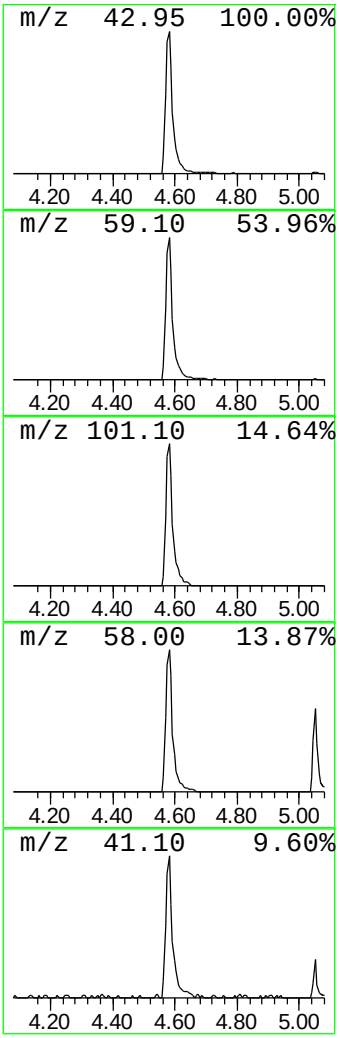
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	25.06 ng	658018	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	38
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097294.D
Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-5

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

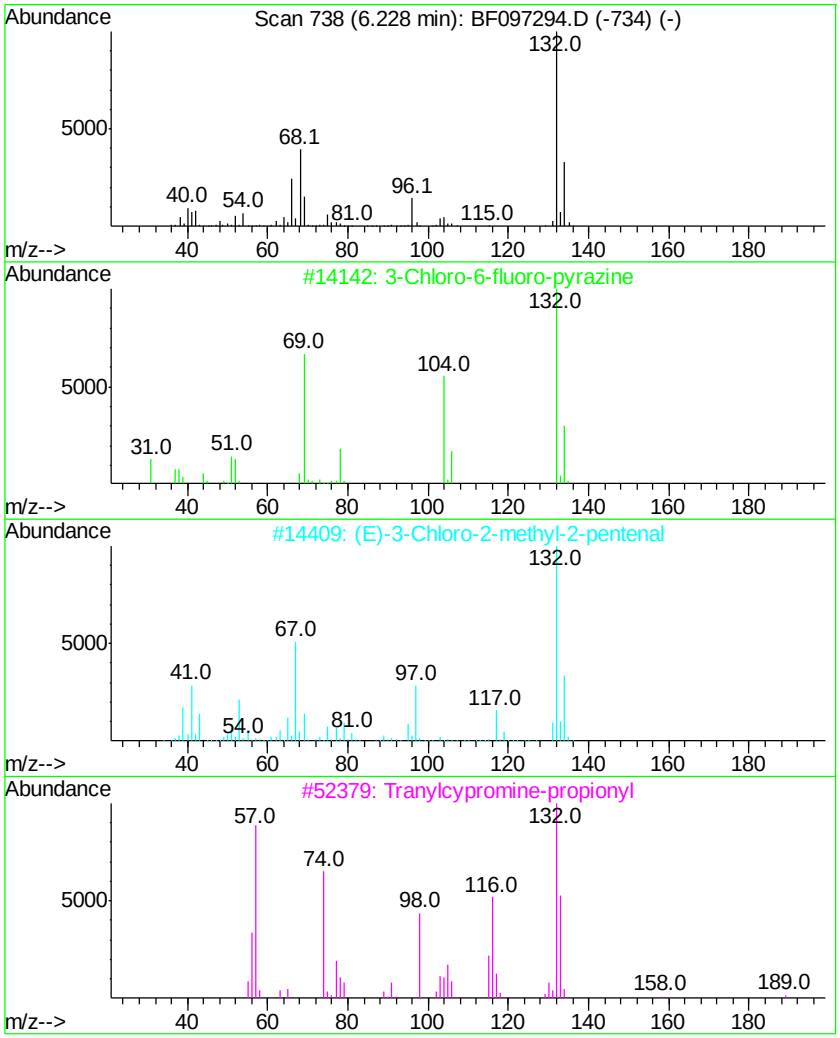
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

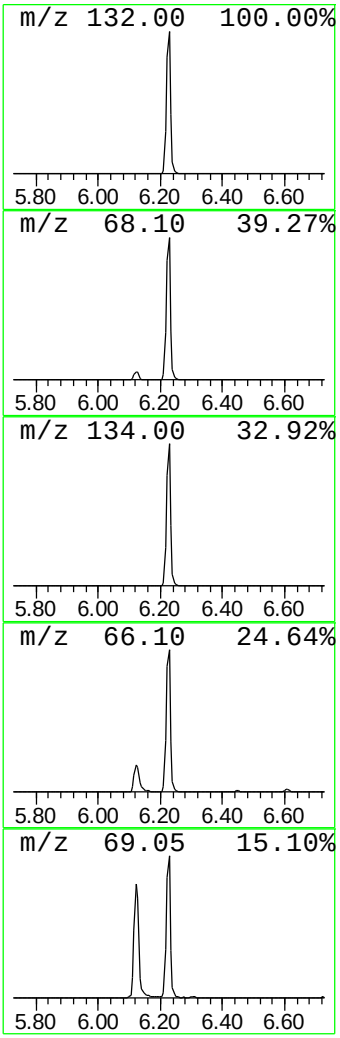
****

Peak Number 2 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	78.06 ng	2049830	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Sample : I4539-05
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

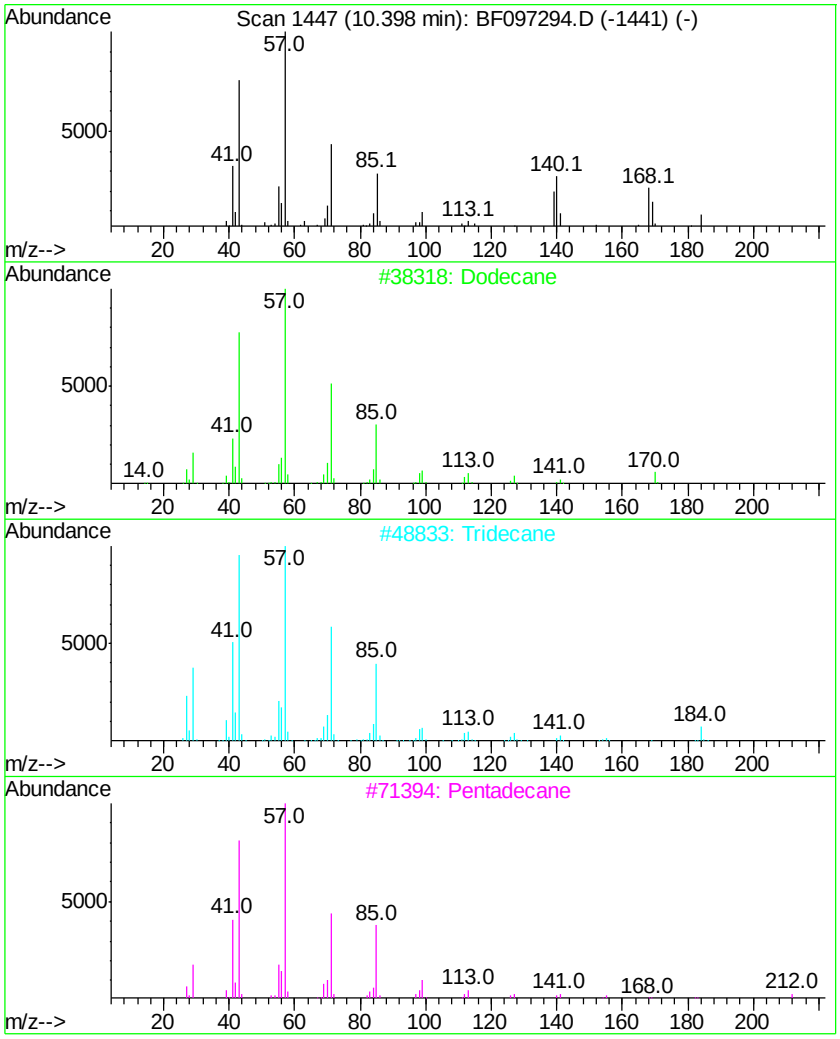
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

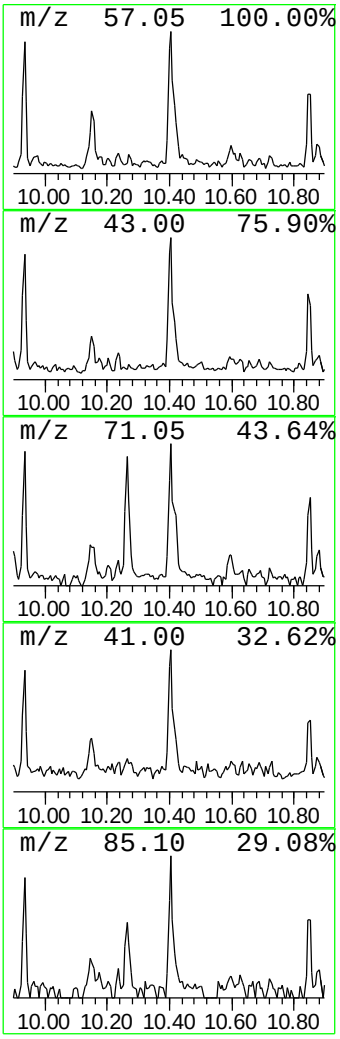
****

Peak Number 4 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.33 ng	97335	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tridecane	184	C13H28	000629-50-5	83
3	Pentadecane	212	C15H32	000629-62-9	46
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
5	Octadecane	254	C18H38	000593-45-3	43





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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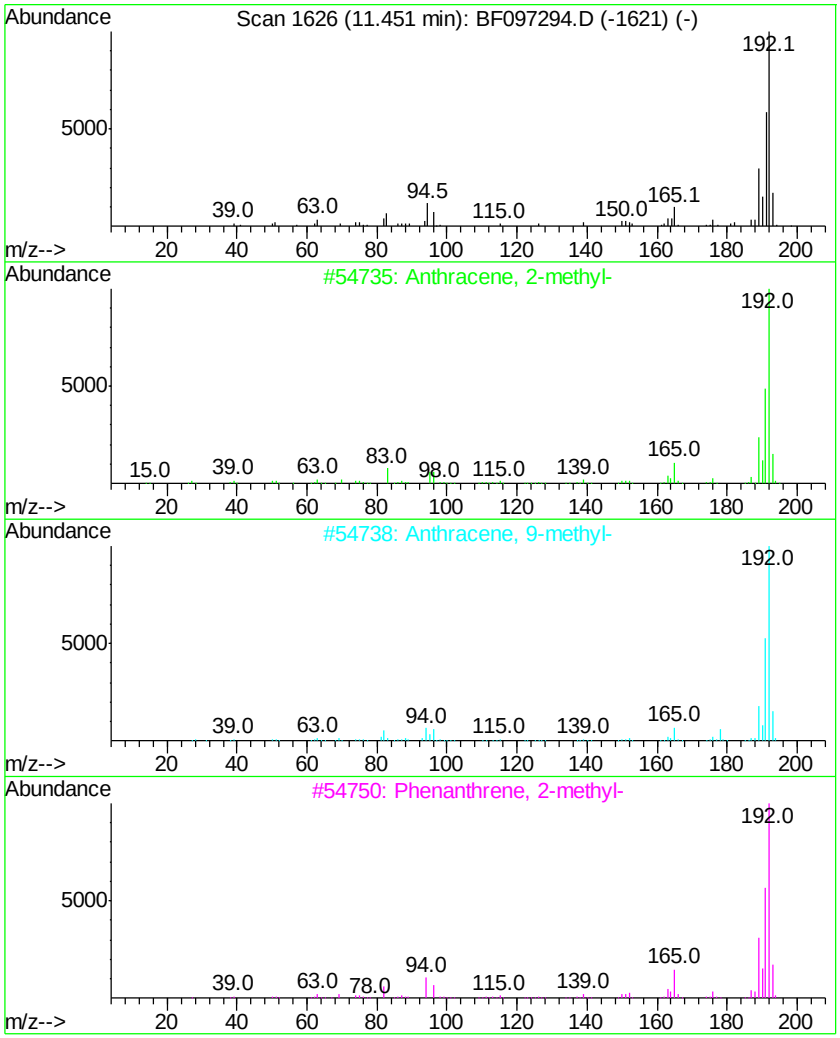
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

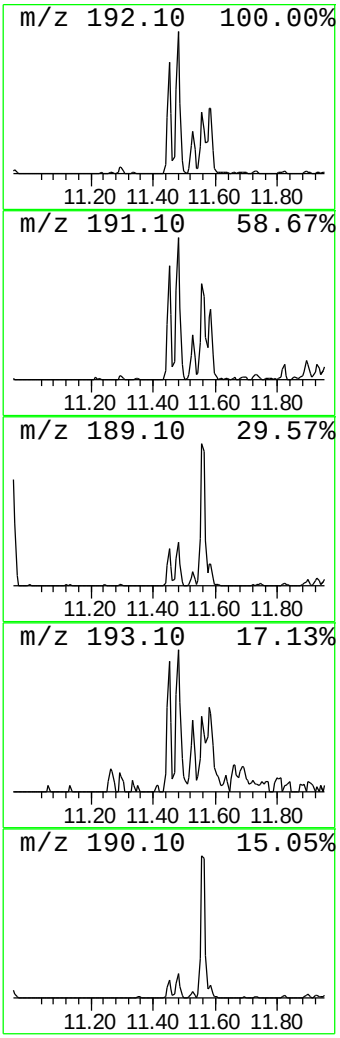
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	3.92 ng	114699	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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

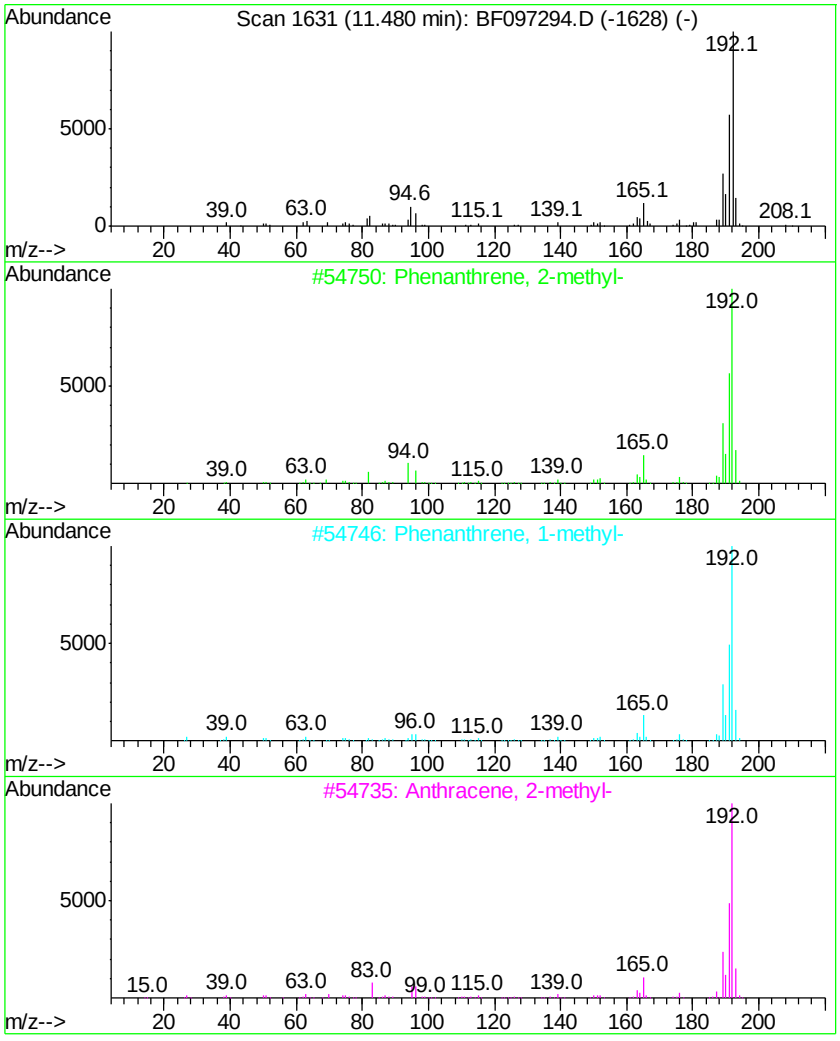
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

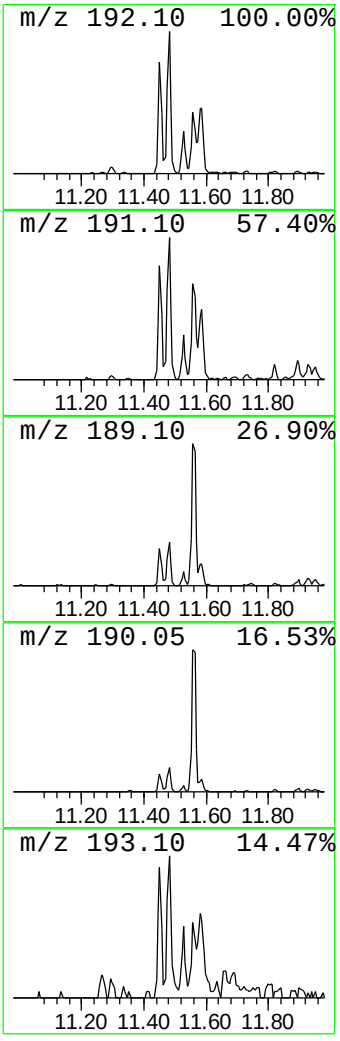
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	5.14 ng	150279	Phenanthrene-d10	10.95

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097294.D
Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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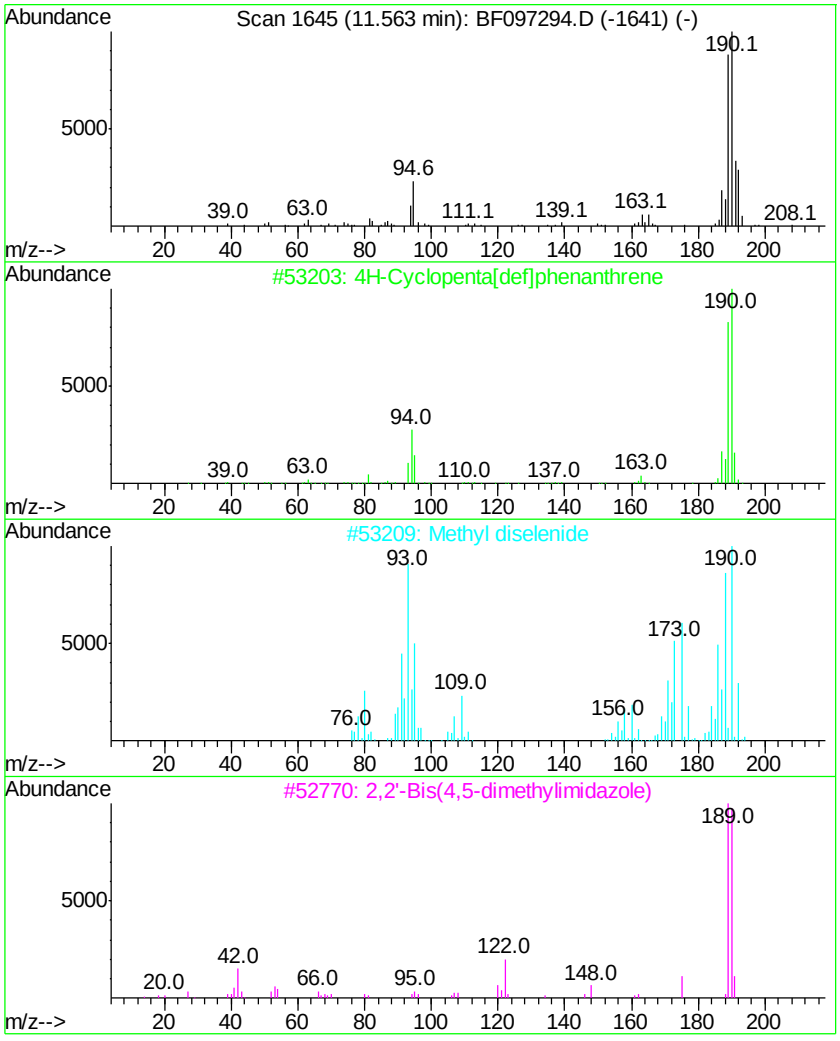
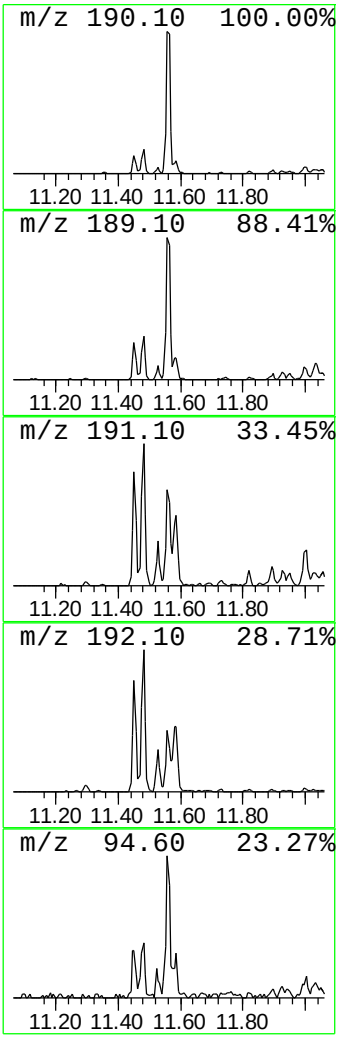
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	7.91 ng	231107	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	Megastigmatrienone	190	C13H18O	038818-55-2	18
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12





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Sample : I4539-05
Misc :
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ClientSampleId : TP-5

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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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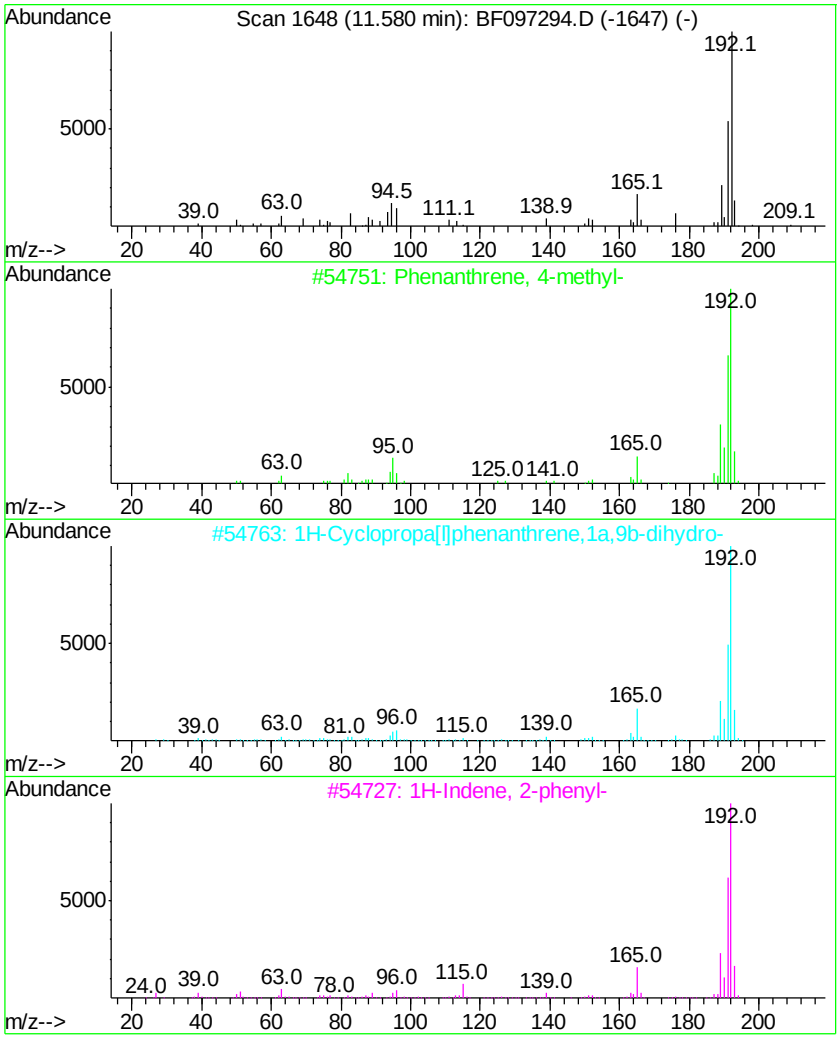
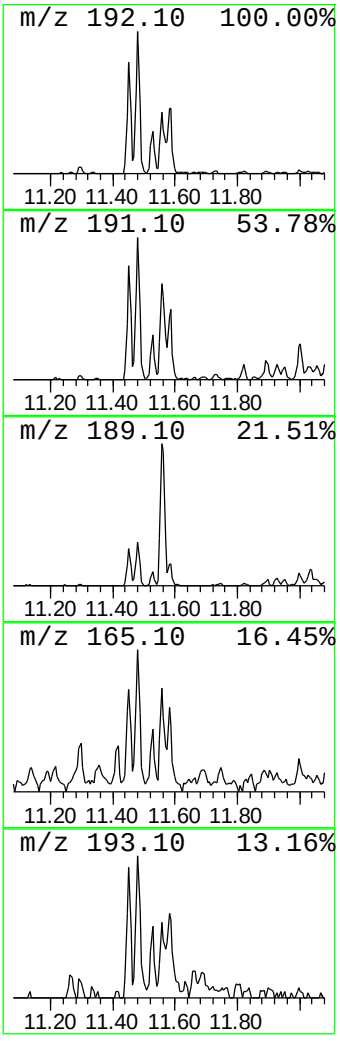
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.53 ng	73985	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	68
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64





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ClientSampleId : TP-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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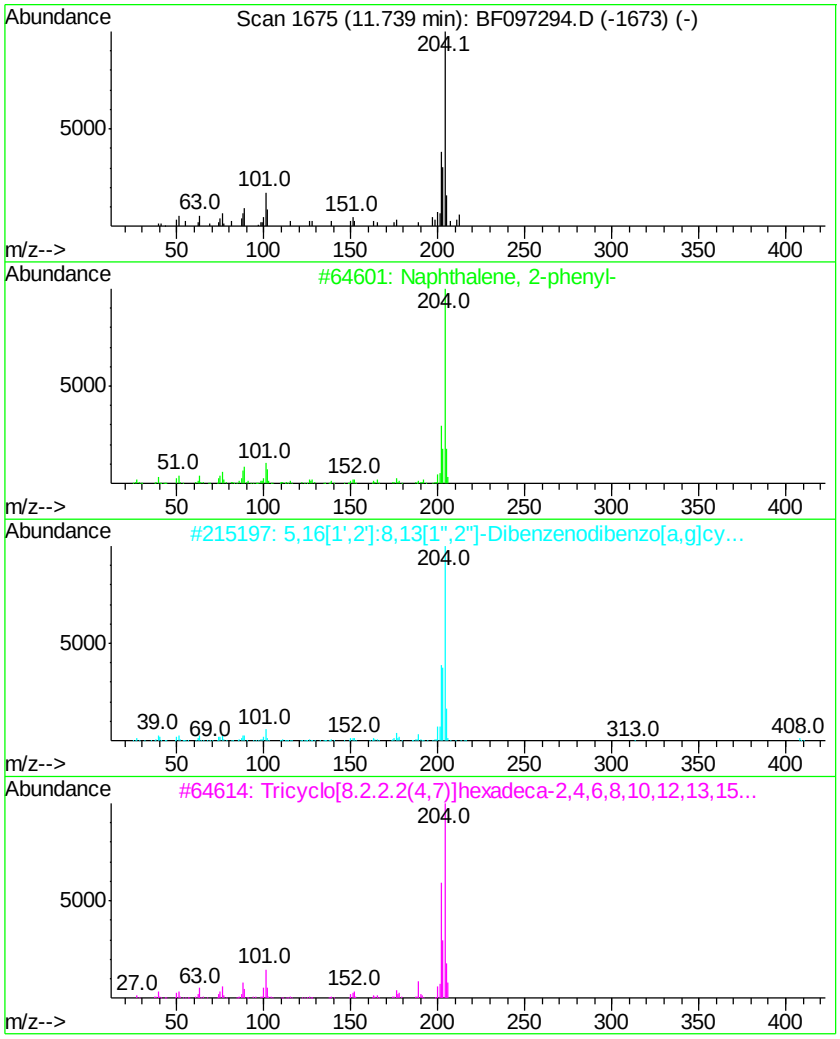
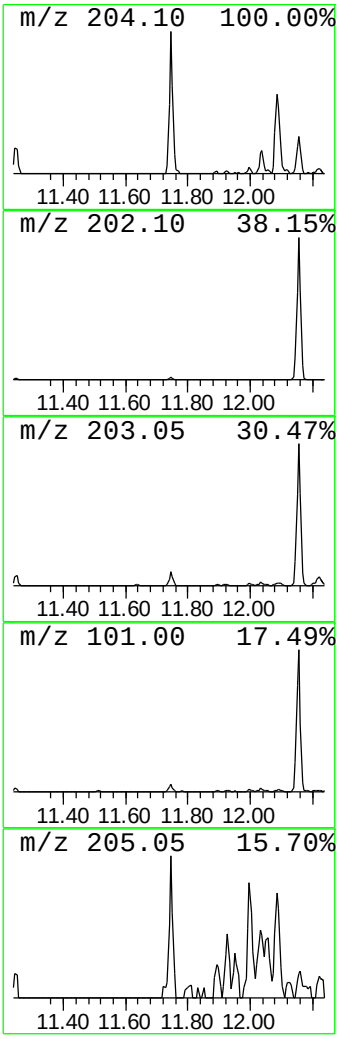
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.72 ng	79552	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
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	86
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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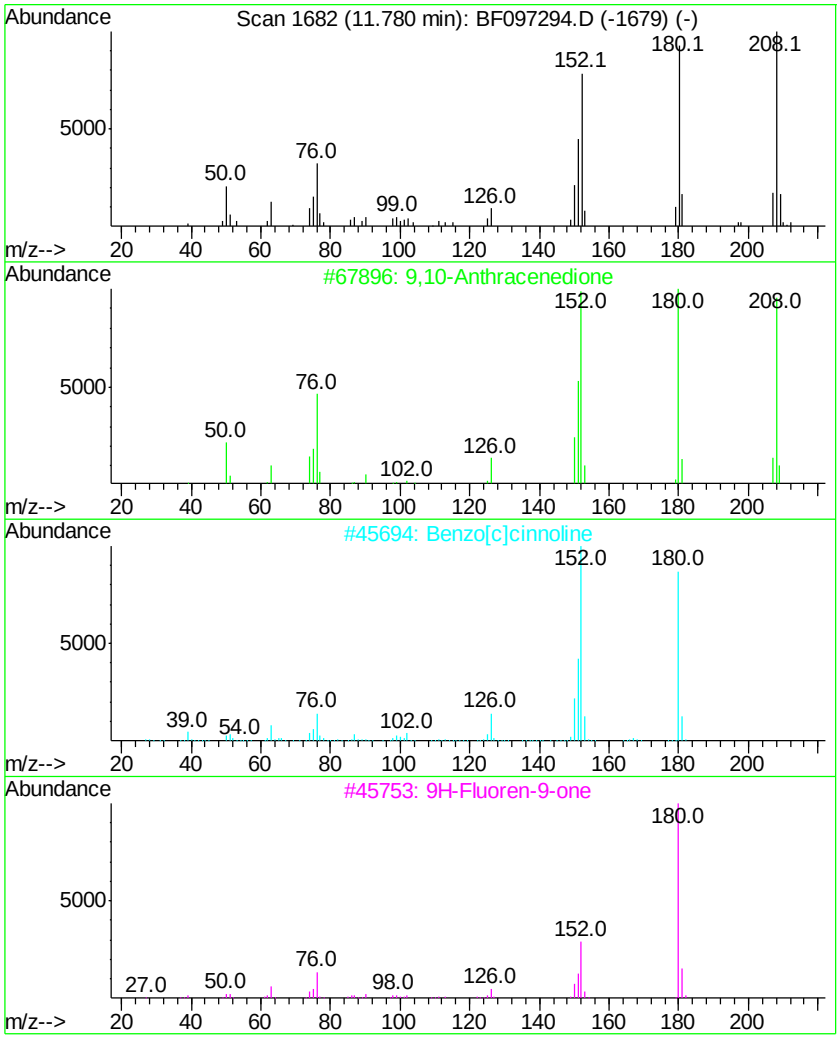
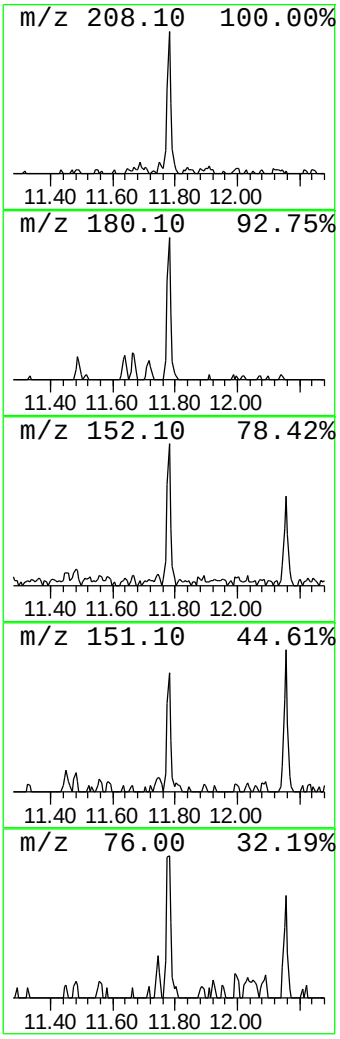
Peak Number 10 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.55 ng	74506	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	46





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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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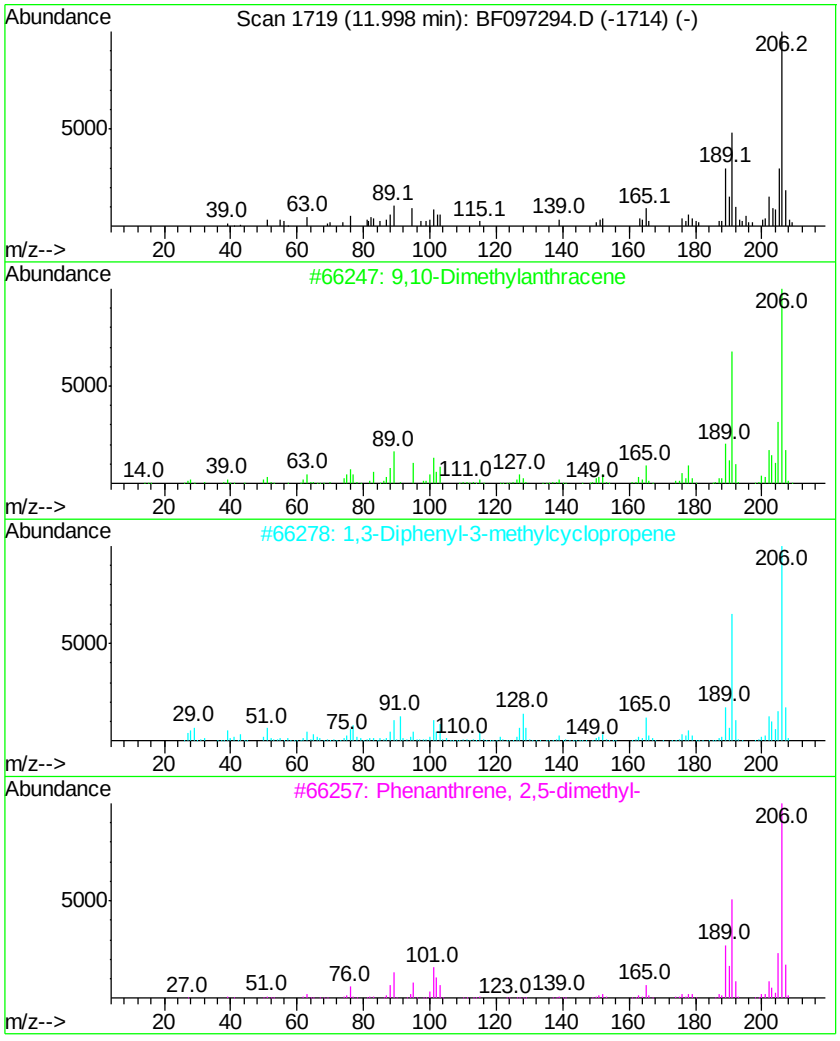
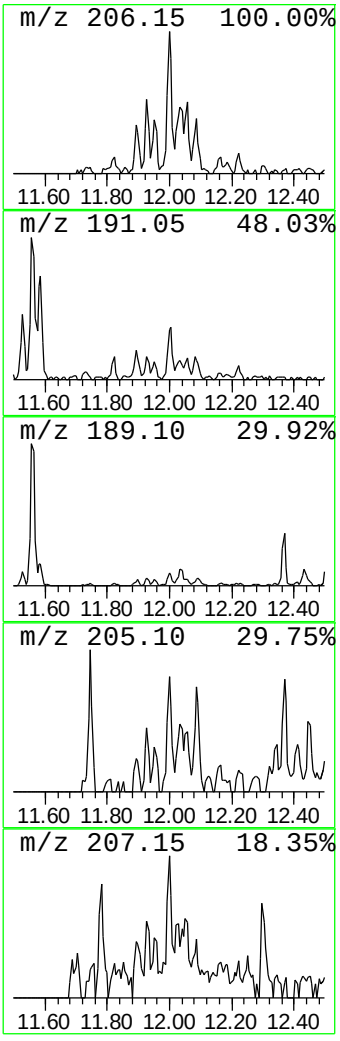
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.56 ng	74694	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	95
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	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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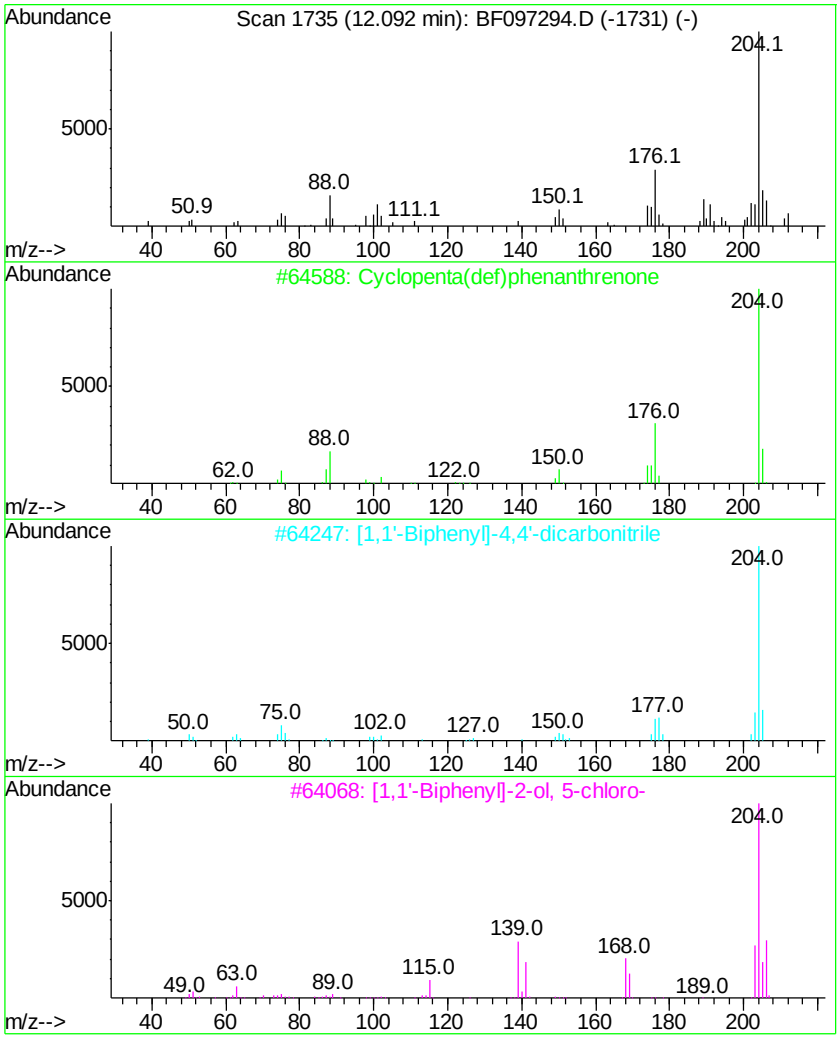
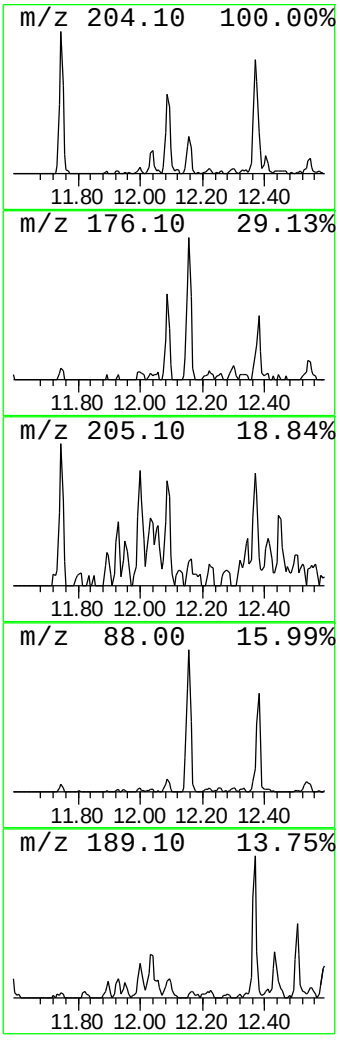
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.69 ng	78671	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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Misc :
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ClientSampleId : TP-5

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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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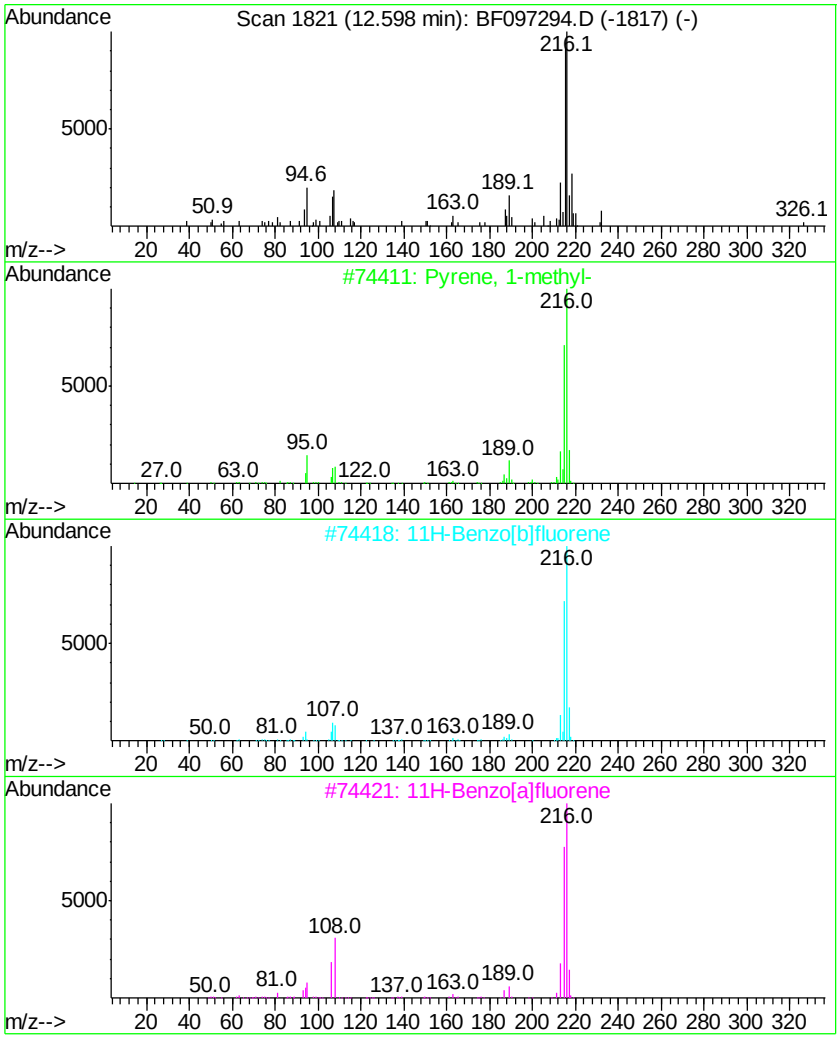
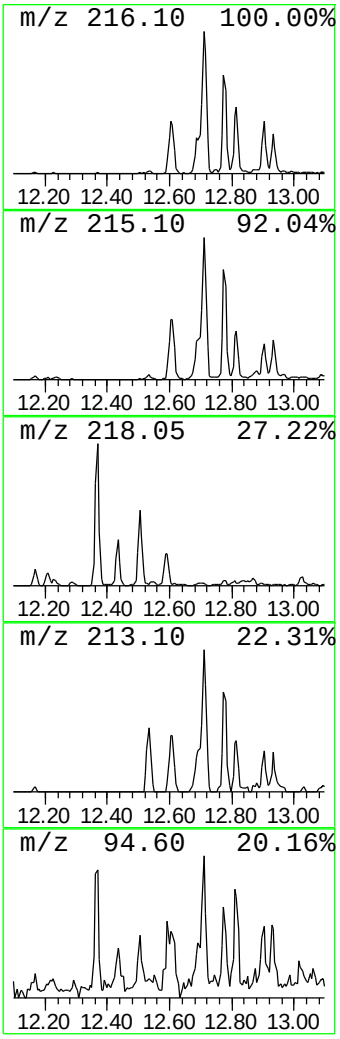
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.44 ng	140482	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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

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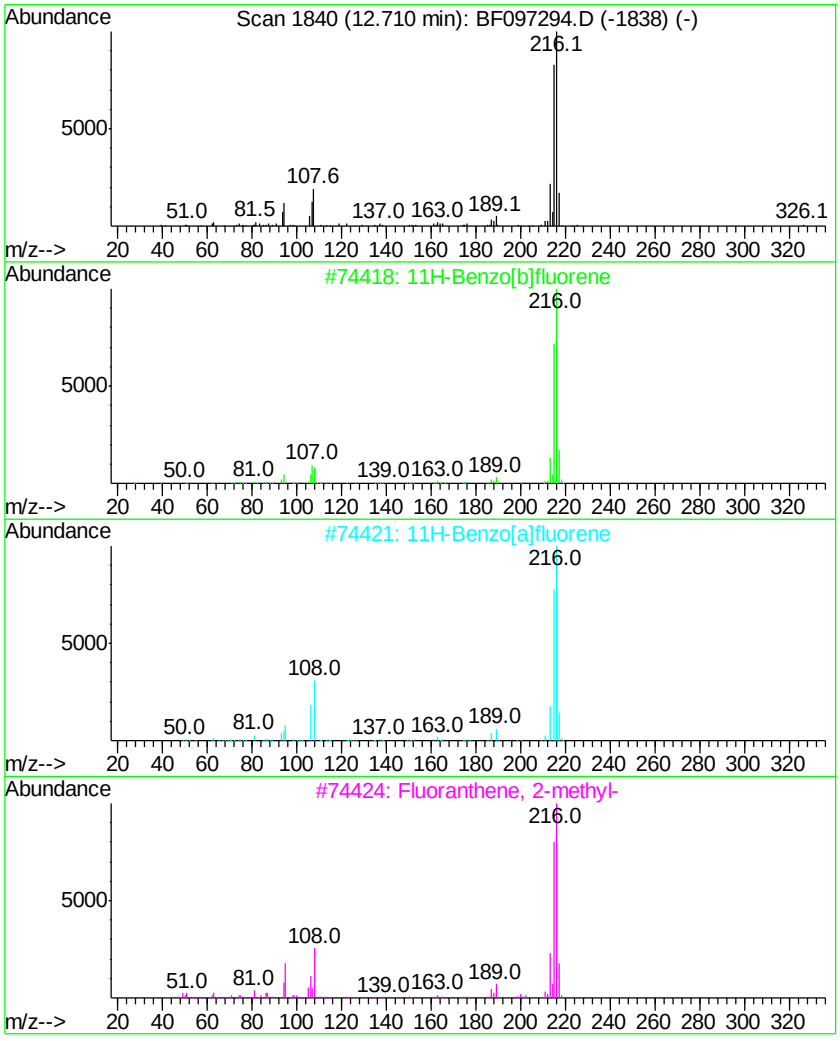
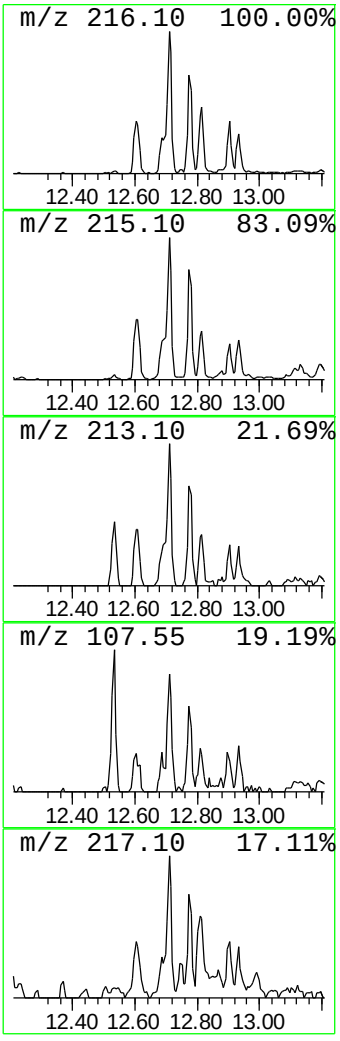
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.02 ng	173692	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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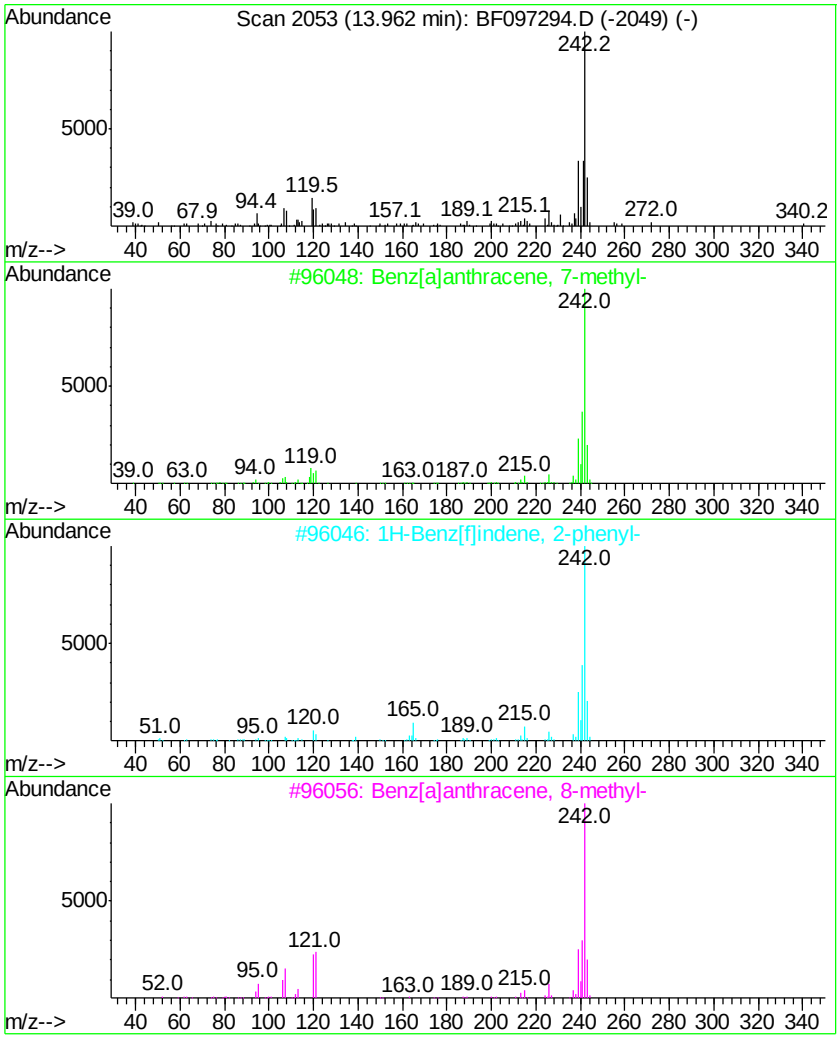
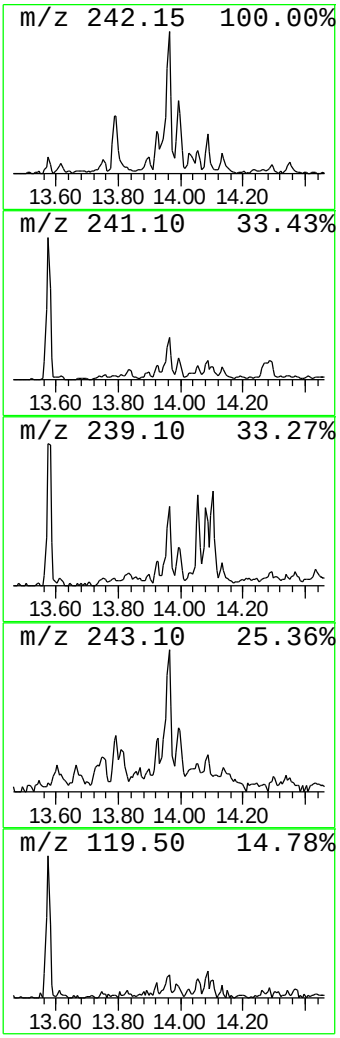
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.38 ng	136914	Chrysene-d12	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	89
5	Benzo[c]phenanthrene, 2-methyl-	242	C19H14	002606-85-1	89





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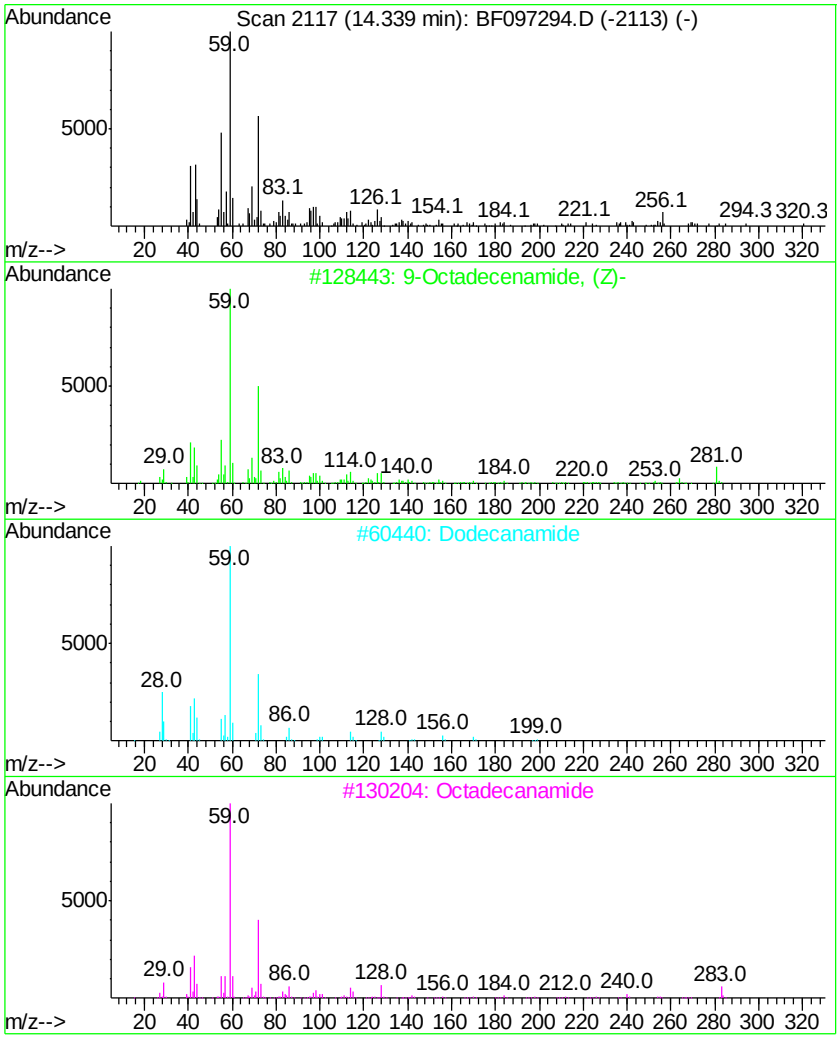
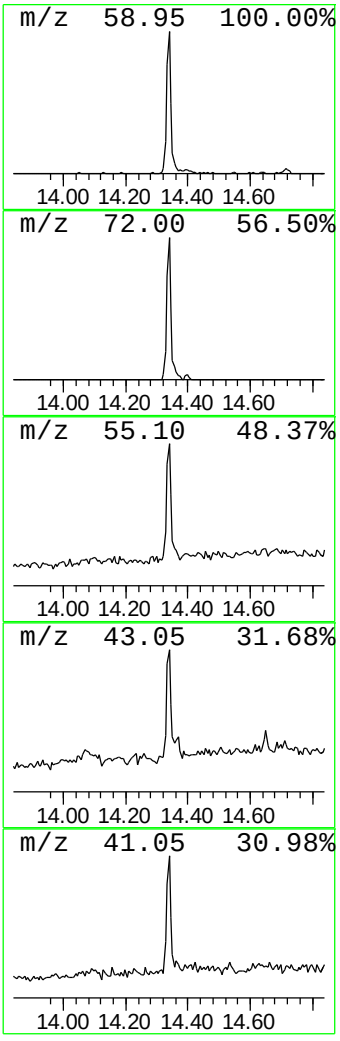
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	13.25 ng	223986	Perylene-d12	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2	Dodecanamide	199	C12H25NO	001120-16-7	83
3	Octadecanamide	283	C18H37NO	000124-26-5	64
4	d-Glucosamine	179	C6H13NO5	000090-77-7	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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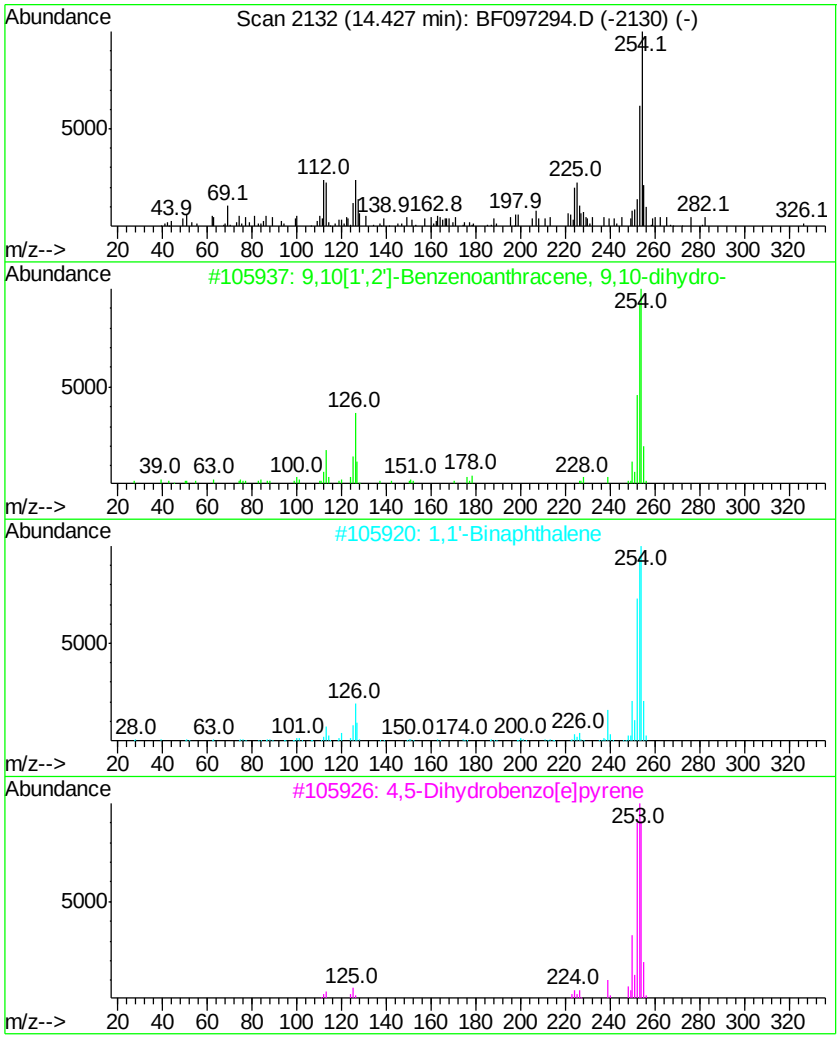
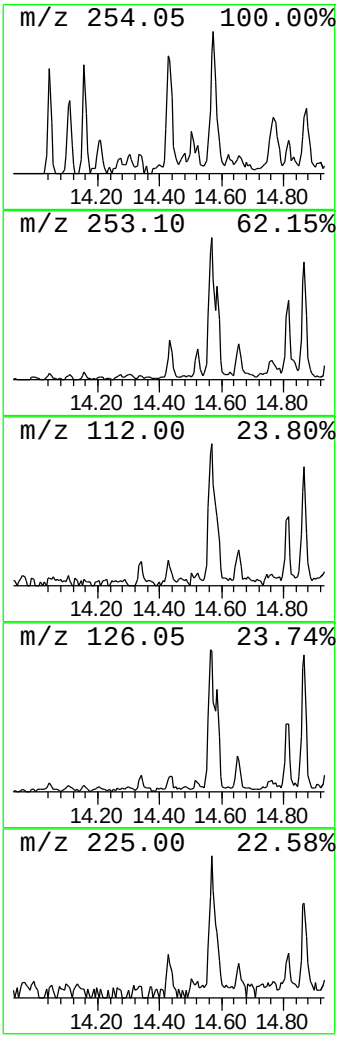
Peak Number 17 9,10[1',2']-Benzenoanthrace... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.07 ng	51956	Perylene-d12	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
5	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	58





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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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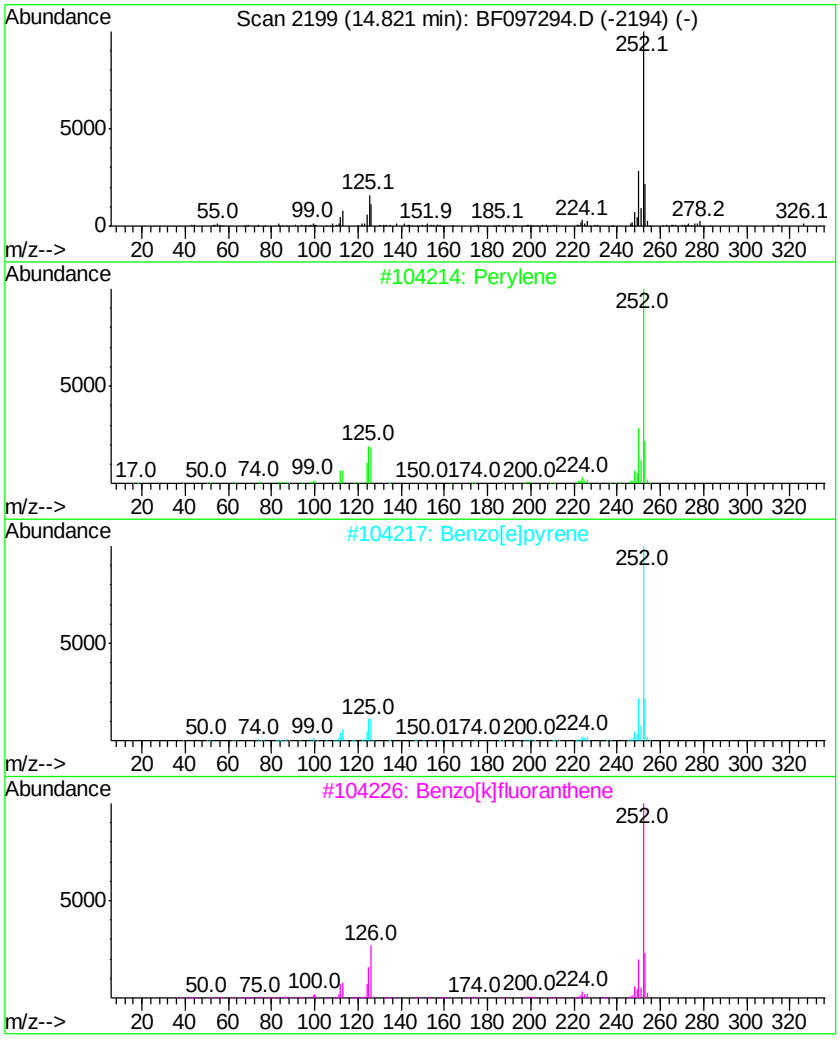
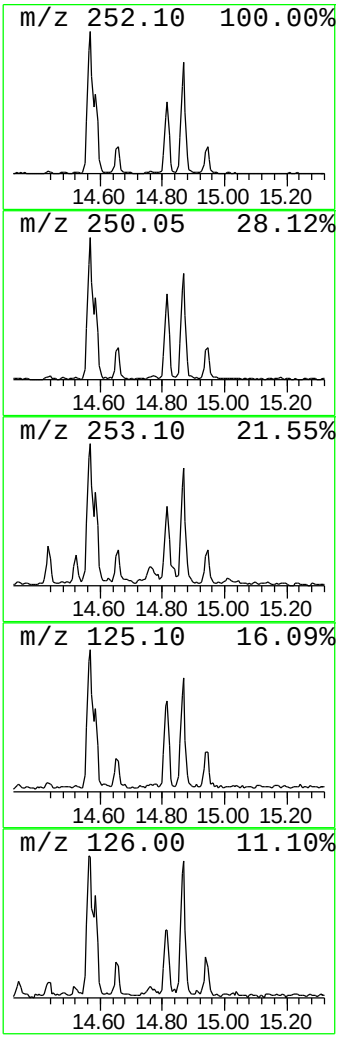
Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	14.38 ng	243100	Perylene-d12	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097294.D
Acq On : 3 Aug 2017 00:53
Operator : SJ/JU
Sample : I4539-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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...	4.58	25.1	ng	658018	1	6.45	525205	20.0
unknown6.23	6.23	78.1	ng	2049830	1	6.45	525205	20.0
Dodecane	10.40	3.3	ng	97335	4	10.95	584612	20.0
Anthracene, 2-met...	11.45	3.9	ng	114699	4	10.95	584612	20.0
Phenanthrene, 2-m...	11.48	5.1	ng	150279	4	10.95	584612	20.0
4H-Cyclopenta[def...	11.56	7.9	ng	231107	4	10.95	584612	20.0
Phenanthrene, 4-m...	11.58	2.5	ng	73985	4	10.95	584612	20.0
Naphthalene, 2-ph...	11.74	2.7	ng	79552	4	10.95	584612	20.0
9,10-Anthracenedione	11.78	2.5	ng	74506	4	10.95	584612	20.0
9,10-Dimethylanth...	12.00	2.6	ng	74694	4	10.95	584612	20.0
Cyclopenta(def)ph...	12.09	2.7	ng	78671	4	10.95	584612	20.0
Pyrene, 1-methyl-	12.60	2.4	ng	140482	5	13.57	1151520	20.0
11H-Benzo[b]fluorene	12.71	3.0	ng	173692	5	13.57	1151520	20.0
Benz[a]anthracene...	13.96	2.4	ng	136914	5	13.57	1151520	20.0
9-Octadecenamide,...	14.34	13.3	ng	223986	6	14.92	338073	20.0
9,10[1',2']-Benze...	14.43	3.1	ng	51956	6	14.92	338073	20.0
Perylene	14.82	14.4	ng	243100	6	14.92	338073	20.0