LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

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-BF092317.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	2.175	10	15	24	rVB	151274	206856	5.84%	0.439%
2	5.092	507	511	523	rVB	466604	631698	17.85%	1.339%
3	5.487	573	578	581	rVB	2834876	3085281	87.18%	6.542%
4	6.498	739	750	754	rBV	2756296	3320678	93.83%	7.041%
5	6.634	768	773	776	rBV	3103523	3262646	92.19%	6.918%
6	6.692	779	783	786	rBV2	106732	95358	2.69%	0.202%
7	6.863	809	812	816	rVB	1133046	900019	25.43%	1.908%
8	7.022	834	839	842	rBV	2735994	2574191	72.73%	5.458%
9	7.428	903	908	911	rBV	1908992	2121257	59.94%	4.498%
10	7.451	911	912	917	rVB	109152	66932	1.89%	0.142%
11	8.122	1022	1026	1027	rBV	113757	111951	3.16%	0.237%
12	8.145	1027	1030	1032	rVV	1480099	1258741	35.57%	2.669%
13	8.163	1032	1033	1036	rVB	372479	276550	7.81%	0.586%
14	8.728	1126	1129	1132	rBV	137431	105953	2.99%	0.225%
15	8.857	1148	1151	1154	rVB	301678	227756	6.44%	0.483%
16	8.957	1164	1168	1170	rBV	126202	105071	2.97%	0.223%
17	9.222	1207	1213	1216	rBV	3754774	3539146	100.00%	7.505%
18	9.292	1221	1225	1228	rBV	161803	146058	4.13%	0.310%
19	9.486	1253	1258	1261	rVB	99530	135773	3.84%	0.288%
20	9.557	1267	1270	1272	rBV	98918	96907	2.74%	0.205%
21	9.580	1272	1274	1276	rVV	69983	59264	1.67%	0.126%
22	9.610	1276	1279	1283	rVV	659878	547619	15.47%	1.161%
23	9.763	1301	1305	1308	rBV	193554	181395	5.13%	0.385%
24	9.822	1308	1315	1318	rVV	155160	144916	4.09%	0.307%
25	9.898	1322	1328	1331	rVV	1416342	1333748	37.69%	2.828%
26	9.933	1331	1334	1337	rVB2	140109	123400	3.49%	0.262%
27	9.998	1342	1345	1350	rVB2	44303	62934	1.78%	0.133%
28	10.051	1350	1354	1357	rBV4	50020	77509	2.19%	0.164%
29	10.098	1357	1362	1366	rVV2	129983	160670	4.54%	0.341%
30	10.139	1366	1369	1373	rVB3	72827	67336	1.90%	0.143%
31	10.216	1378	1382	1384	rBV2	60092	64328	1.82%	0.136%
32	10.304	1393	1397	1398	rBV2	72887	81023	2.29%	0.172%
33	10.322	1398	1400	1403	rVB	201508	143379	4.05%	0.304%
34	10.445	1417	1421	1427	rBV3	123962	137532	3.89%	0.292%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.539	1434	1437	1440	rBV2	55945	68452	1.93%	0.145%
36	10.692	1458	1463	1466	rBV	1696087	1615757	45.65%	3.426%
37	10.792	1477	1480	1482	rBV	183953	206640	5.84%	0.438%
38	11.192	1545	1548	1551	rBV2	119469	106625	3.01%	0.226%
39	11.239	1553	1556	1559	rVV2	154644	160138	4.52%	0.340%
40	11.280	1559	1563	1568	rVB2	100898	147463	4.17%	0.313%
41	11.386	1577	1581	1583	rBV	1277340	1158031	32.72%	2.456%
42	11.410	1583	1585	1589	rVV	1221288	988569	27.93%	2.096%
43	11.463	1591	1594	1596	rVV	306512	235277	6.65%	0.499%
44	11.616	1617	1620	1626	rBV	148810	137198	3.88%	0.291%
45	11.669	1626	1629	1633	rVB2	94116	98642	2.79%	0.209%
46	11.716	1634	1637	1642	rVB2	66639	72354	2.04%	0.153%
47	11.886	1663	1666	1668	rBV	208125	165930	4.69%	0.352%
48	11.916	1668	1671	1674	rVB	300671	258859	7.31%	0.549%
49	11.963	1676	1679	1681	rVV	101636	84052	2.37%	0.178%
50	11.998	1681	1685	1688	rVV2	277423	343735	9.71%	0.729%
51	12.021	1688	1689	1693	rVB	152620	85673	2.42%	0.182%
52	12.074	1695	1698	1703	rVV4	90809	103853	2.93%	0.220%
53	12.180	1713	1716	1718	rVV	142351	113991	3.22%	0.242%
54	12.210	1718	1721	1724	rVB2	125062	110979	3.14%	0.235%
55	12.327	1739	1741	1744	rVB2	70316	56311	1.59%	0.119%
56	12.363	1744	1747	1749	rBV	71059	57140	1.61%	0.121%
57	12.433	1756	1759	1762	rBV	160209	185787	5.25%	0.394%
58	12.463	1762	1764	1768	rVV3	107938	144941	4.10%	0.307%
59	12.521	1771	1774	1779	rVB	130649	134602	3.80%	0.285%
60	12.604	1784	1788	1791	rVB	1759836	1462092	41.31%	3.100%
61	12.692	1801	1803	1806	rBV	68995	58045	1.64%	0.123%
62	12.833	1820	1827	1832	rBV	1431429	1574761	44.50%	3.339%
63	12.880	1832	1835	1839	rVB2	91416	102658	2.90%	0.218%
64	12.974	1843	1851	1857	rBV	2379636	2571235	72.65%	5.452%
65	13.045	1859	1863	1867	rVB3	100190	142954	4.04%	0.303%
66	13.133	1874	1878	1879	rBV3	101293	112959	3.19%	0.240%
67	13.157	1879	1882	1885	rVB2	194569	201469	5.69%	0.427%
68	13.186	1885	1887	1890	rBV2	62653	66072	1.87%	0.140%
69	13.221	1890	1893	1895	rVV	116375	86186	2.44%	0.183%
70	13.257	1895	1899	1902	rVB2	152039	162588	4.59%	0.345%
71	13.351	1913	1915	1918	rVB	85247	66685	1.88%	0.141%

LSC Area Percent Report

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Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.386	1918	1921	1924	rBV2	74935	70402	1.99%	0.149%
73	13.533	1943	1946	1948	rBV3	53166	64551	1.82%	0.137%
74	13.663	1965	1968	1972	rVB	184693	178348	5.04%	0.378%
75	13.774	1983	1987	1990	rBV2	145845	188639	5.33%	0.400%
76	13.804	1990	1992	1994	rVV	125619	106396	3.01%	0.226%
77	13.827	1994	1996	1999	rVV2	117236	150304	4.25%	0.319%
78	13.868	1999	2003	2008	rVB2	191087	275290	7.78%	0.584%
79	14.027	2025	2030	2032	rBV2	1018442	1356162	38.32%	2.876%
80	14.051	2032	2034	2042	rVB	676842	656360	18.55%	1.392%
81	14.174	2052	2055	2059	rBV4	56150	72823	2.06%	0.154%
82	14.251	2064	2068	2071	rBV2	66024	86806	2.45%	0.184%
83	14.410	2091	2095	2098	rVB	148356	155213	4.39%	0.329%
84	14.445	2098	2101	2104	rVB2	91275	86794	2.45%	0.184%
85	14.480	2104	2107	2109	rBV2	57517	64449	1.82%	0.137%
86	14.533	2114	2116	2118	rBV2	82997	76731	2.17%	0.163%
87	15.068	2203	2207	2210	rBV	631312	942599	26.63%	1.999%
88	15.180	2222	2226	2229	rBV	138992	146110	4.13%	0.310%
89	15.262	2238	2240	2243	rBV3	43661	62336	1.76%	0.132%
90	15.374	2255	2259	2265	rVB	404495	523355	14.79%	1.110%
91	15.439	2265	2270	2276	rVV	560536	652360	18.43%	1.383%
92	15.504	2276	2281	2284	rVV	626116	821410	23.21%	1.742%
93	15.533	2284	2286	2292	rVB2	186963	229639	6.49%	0.487%
94	15.939	2352	2355	2359	rVB3	59063	78146	2.21%	0.166%
95	16.062	2373	2376	2381	rBV2	39451	60272	1.70%	0.128%
96	16.980	2526	2532	2540	rBV2	257752	505042	14.27%	1.071%
97	17.156	2558	2562	2567	rVB2	41034	63247	1.79%	0.134%
98	17.215	2567	2572	2578	rBV2	52960	96731	2.73%	0.205%
99	17.433	2602	2609	2619	rVB	205807	429615	12.14%	0.911%
100	17.674	2645	2650	2655	rVB2	29980	57595	1.63%	0.122%

Sum of corrected areas: 47160303

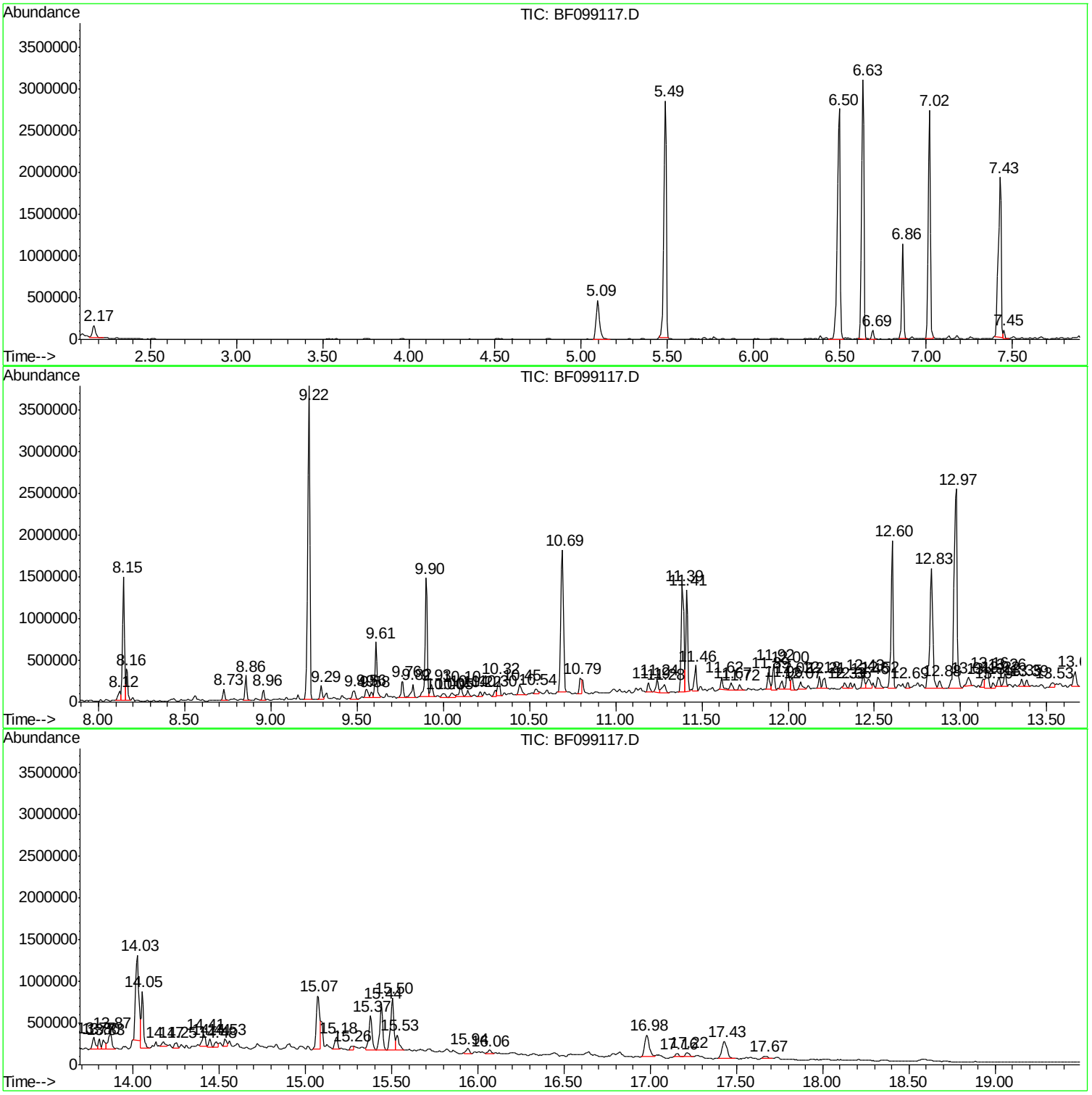
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

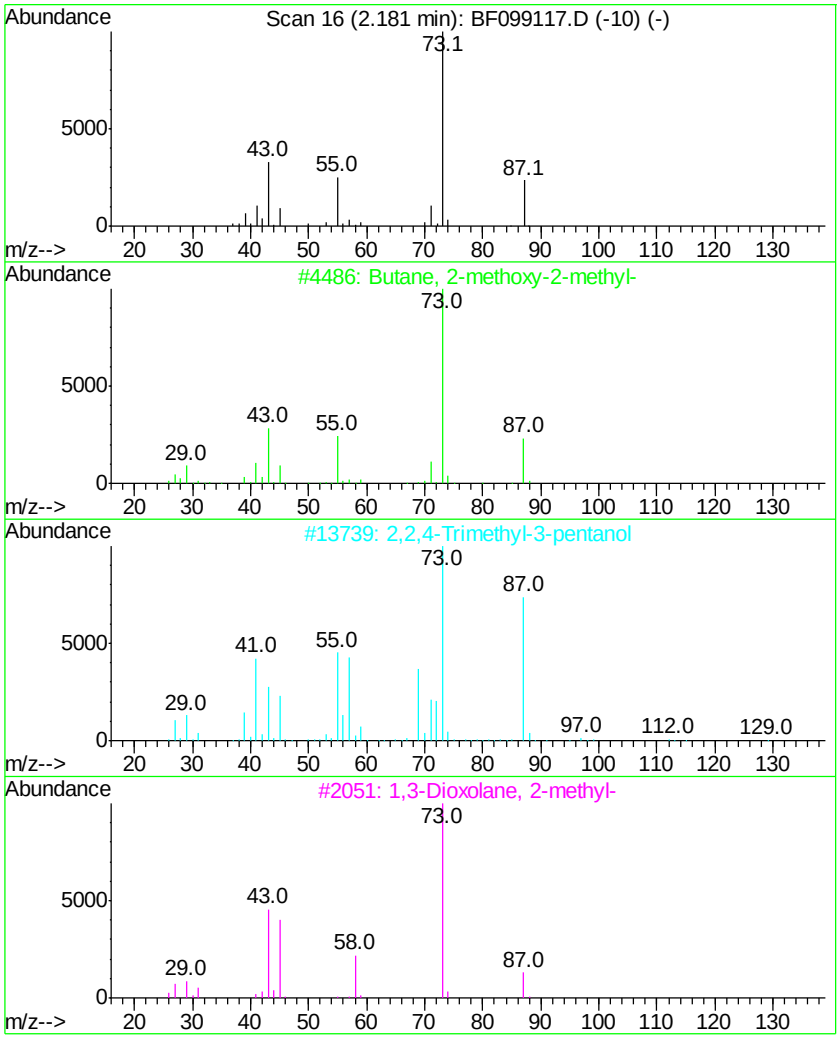
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

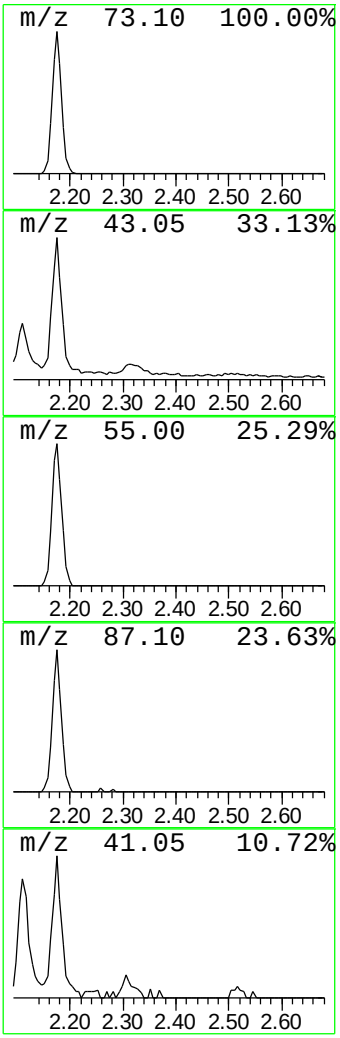
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	4.60 ng	206856	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

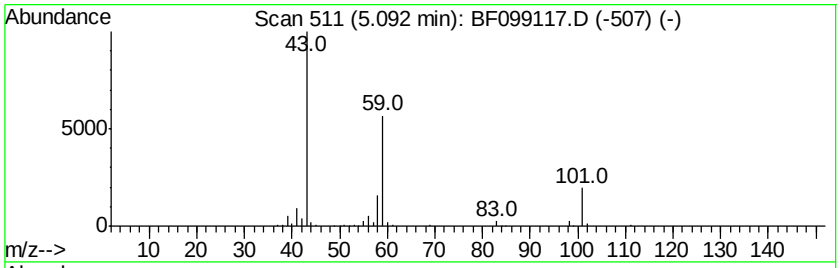
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

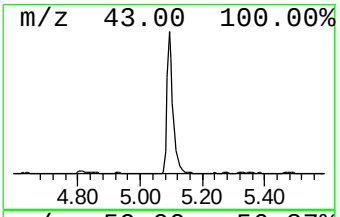
****

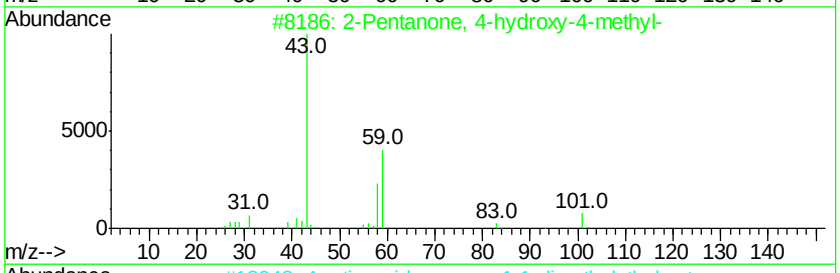
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

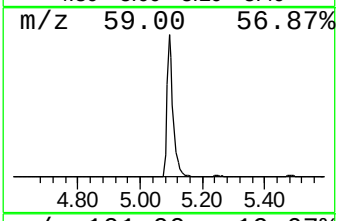
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	14.04 ng	631698	1,4-Dichlorobenzene-d4	6.86

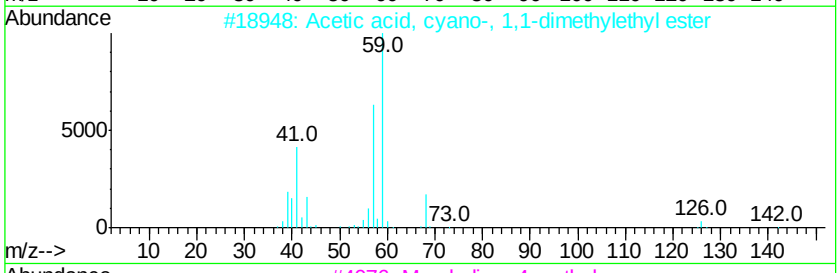
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9

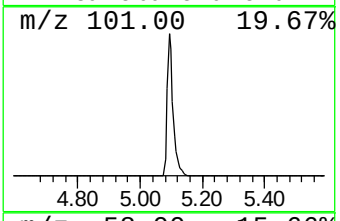


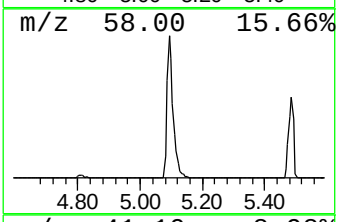


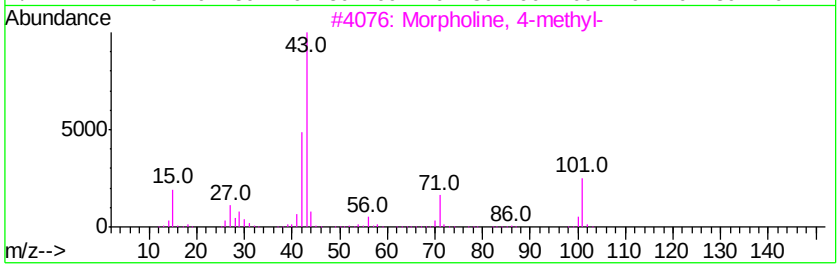


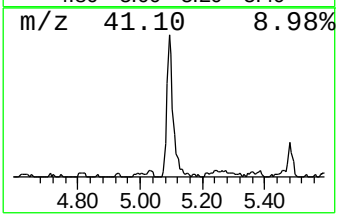












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Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
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Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

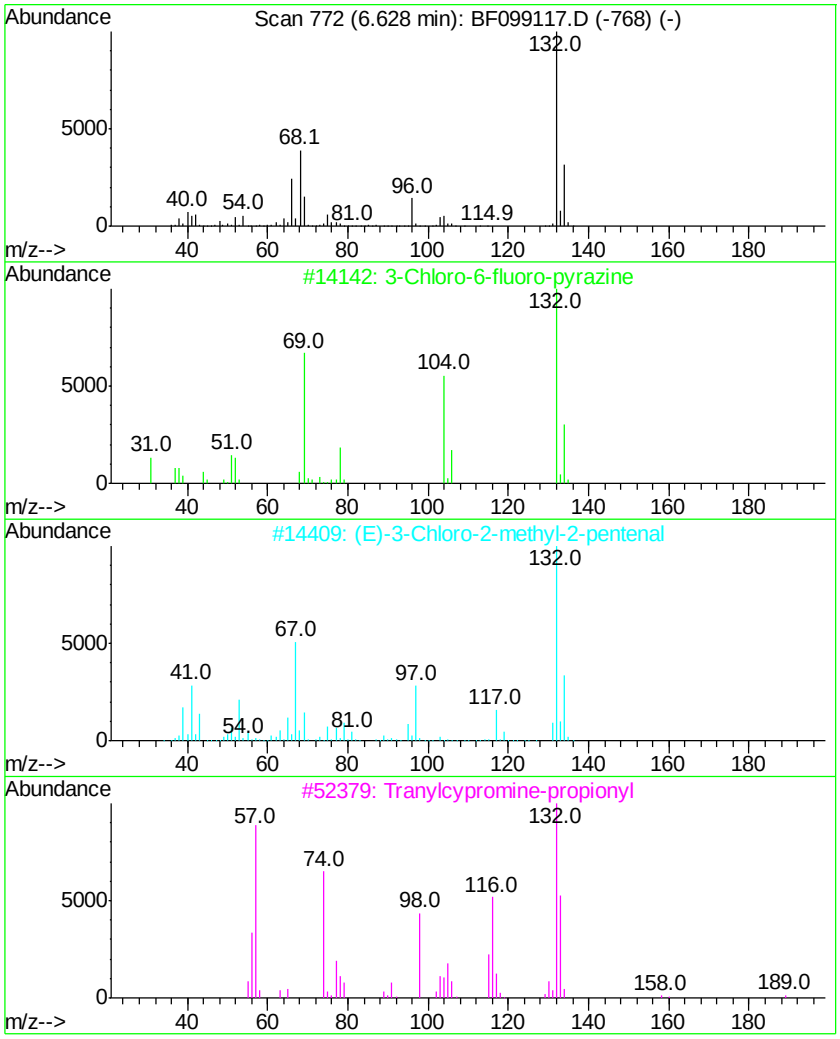
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

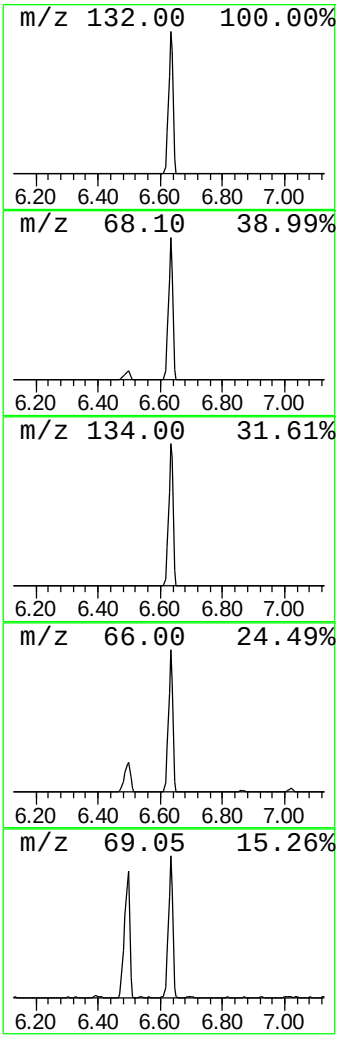
****

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	72.50 ng	3262650	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

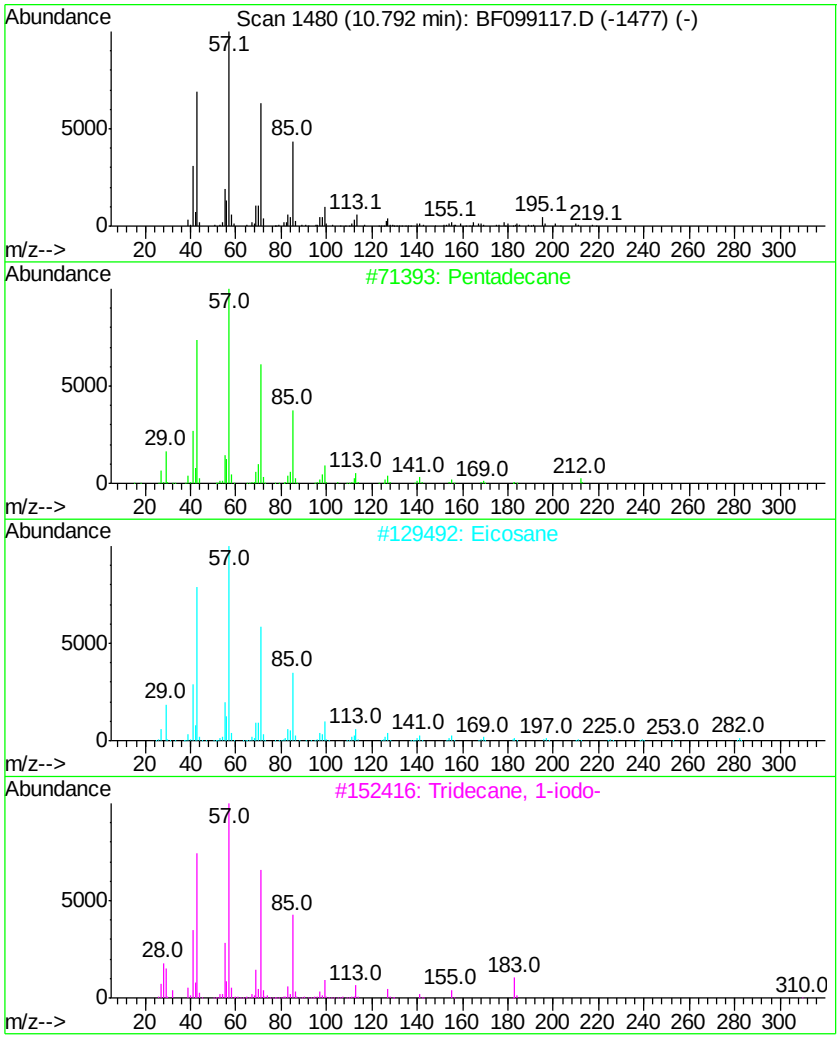
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

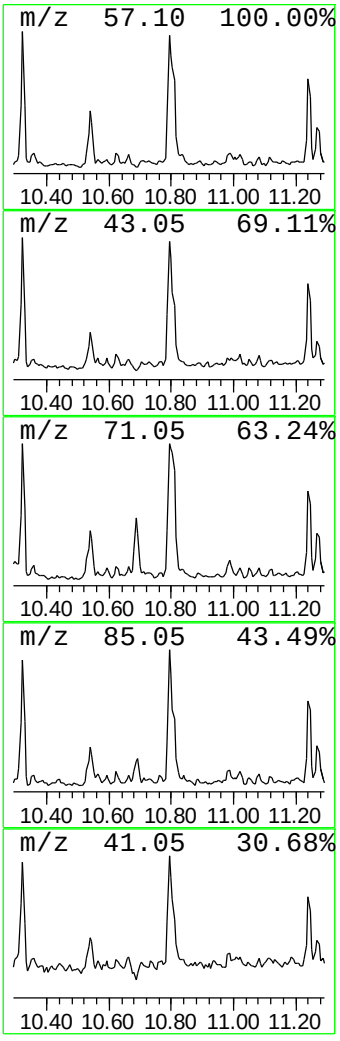
****

Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.57 ng	206640	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Operator : SJ/JU
Sample : I5604-04
Misc :
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ClientSampleId : SP-B-100217

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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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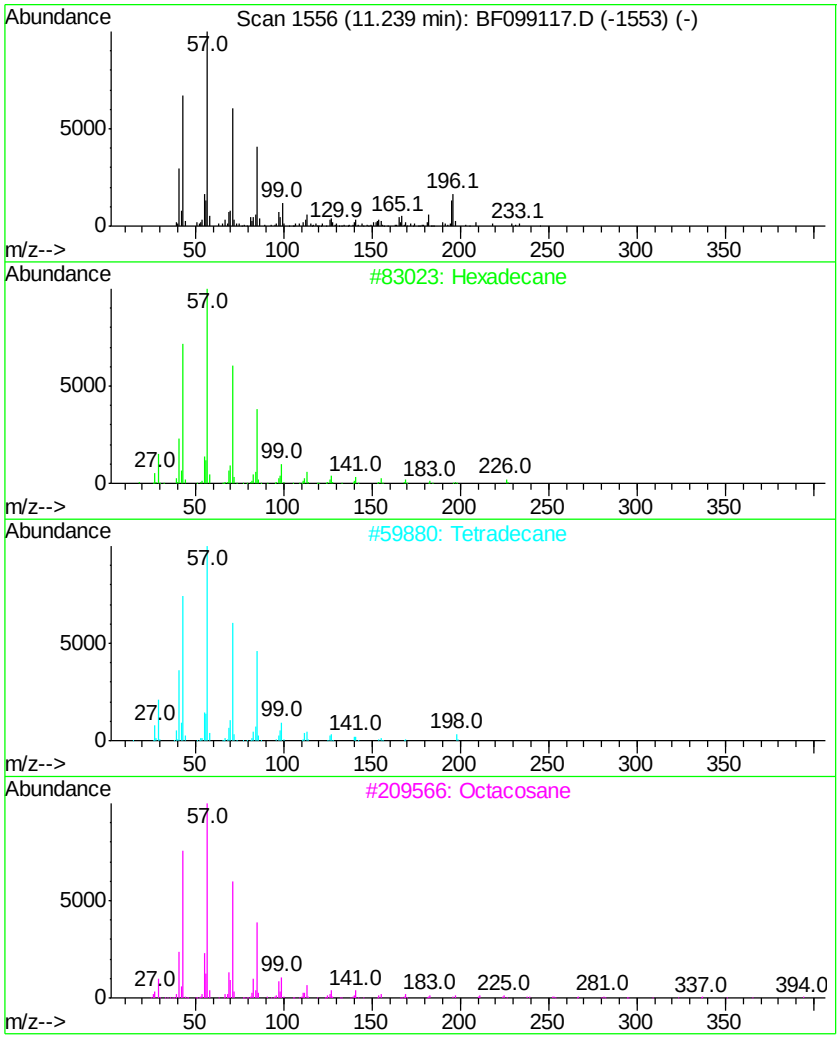
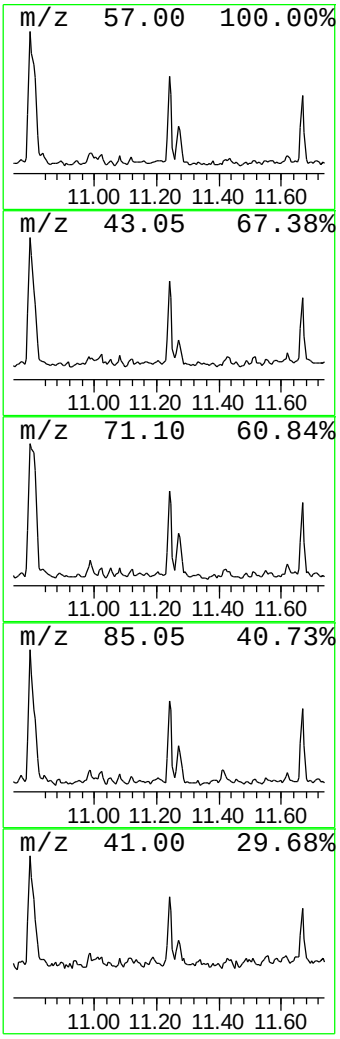
Peak Number 7 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.77 ng	160138	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Tetradecane	198	C14H30	000629-59-4	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Pentadecane	212	C15H32	000629-62-9	68
5	Heptacosane	380	C27H56	000593-49-7	64





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

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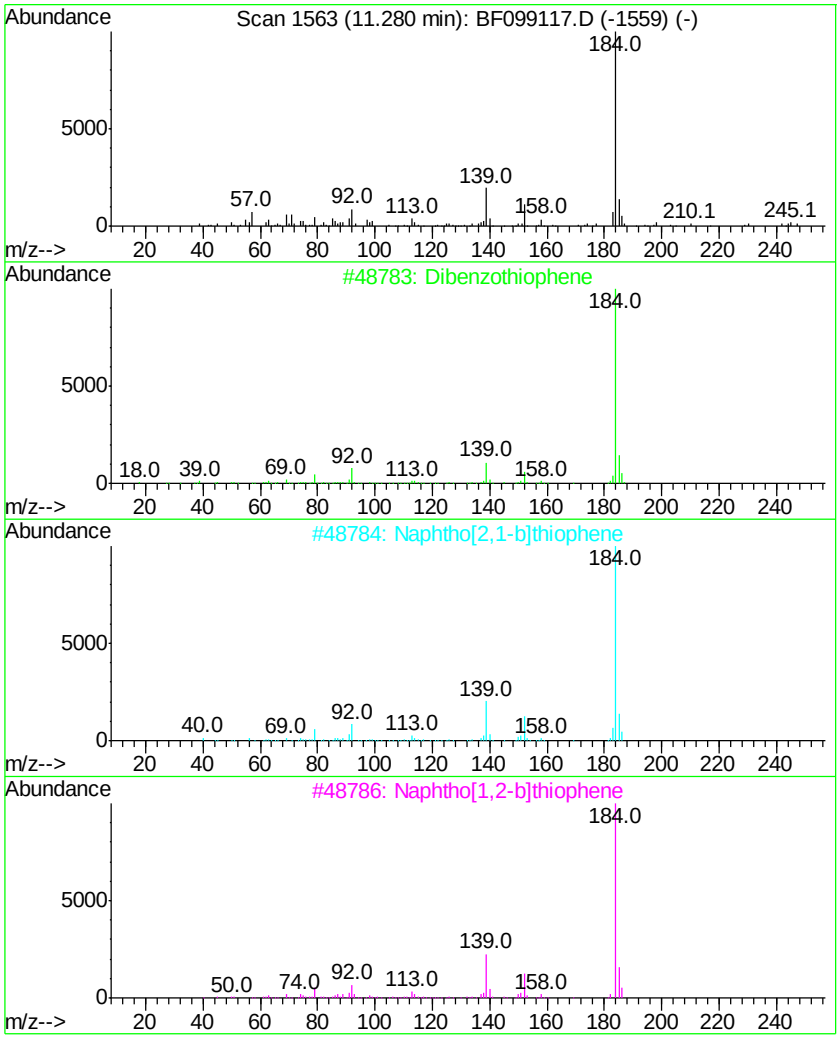
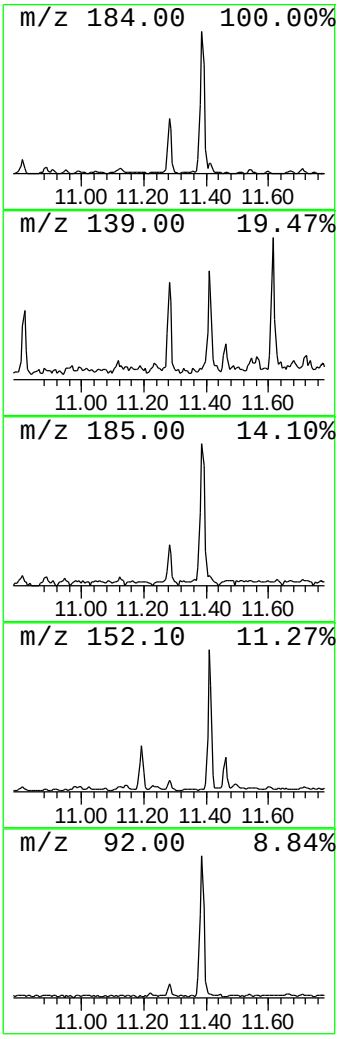
Peak Number 8 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.55 ng	147463	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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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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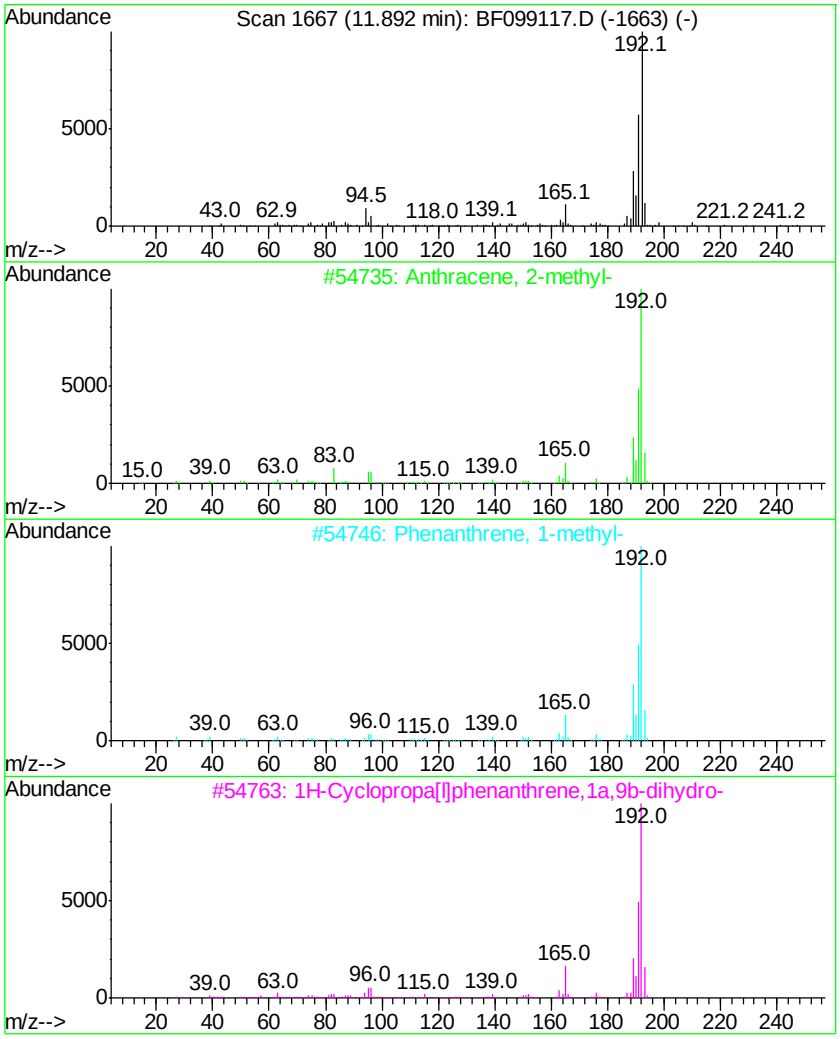
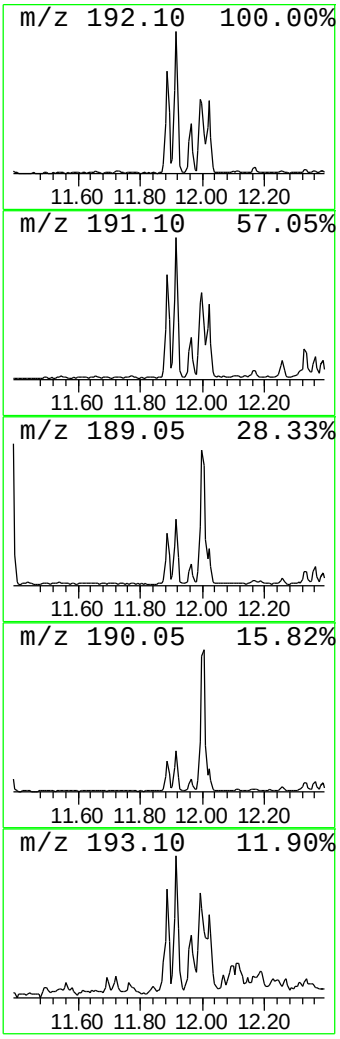
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.87 ng	165930	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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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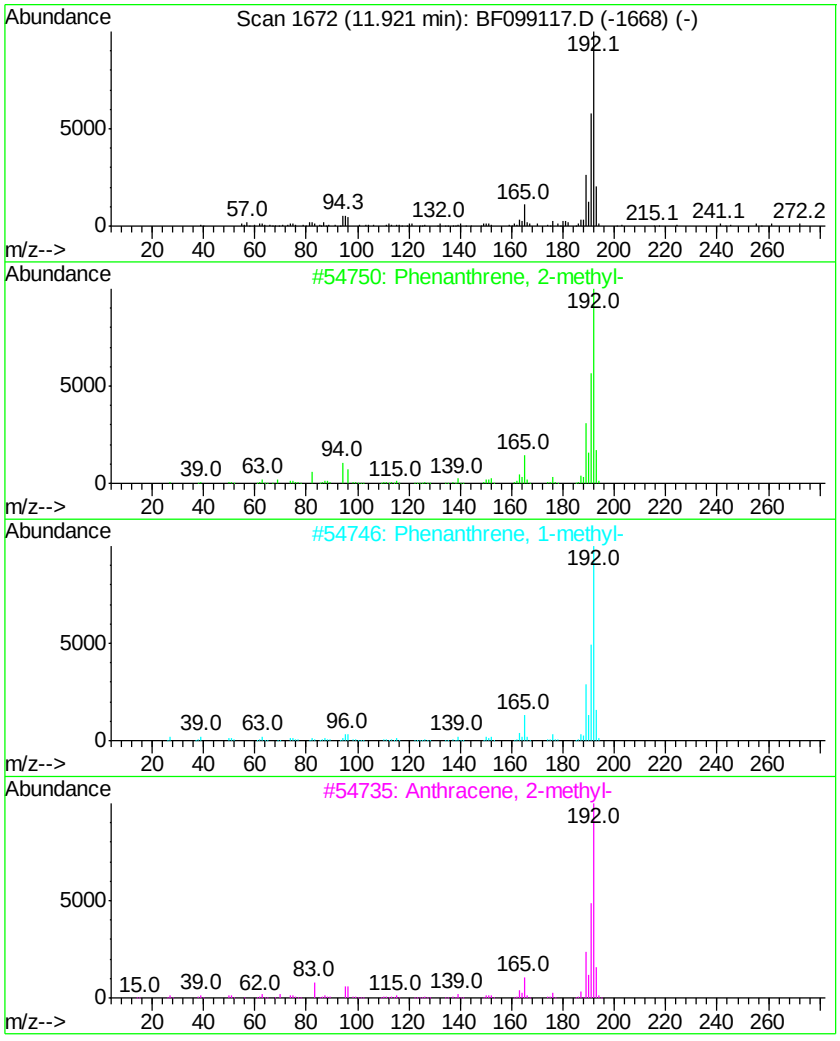
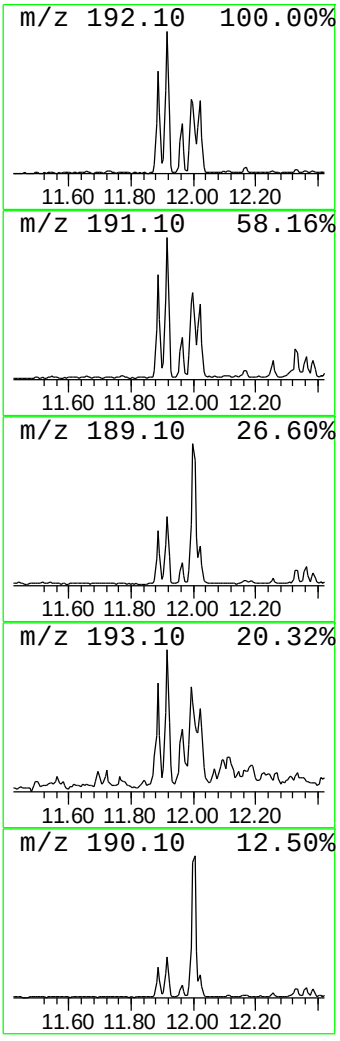
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.47 ng	258859	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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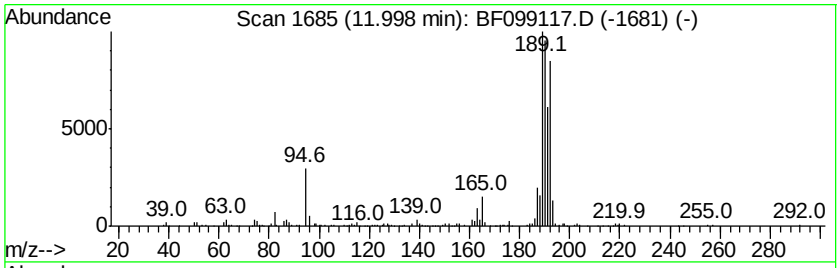
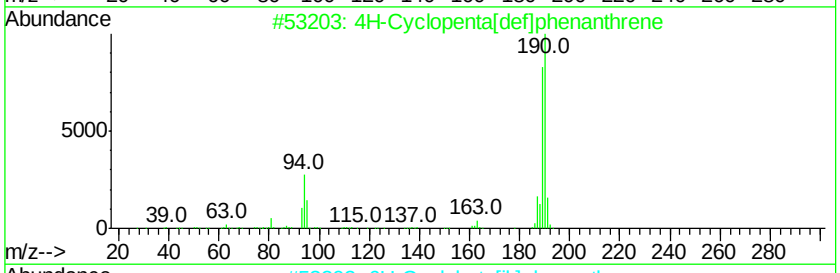
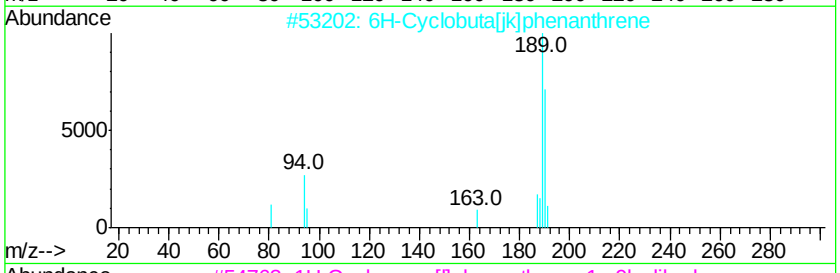
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

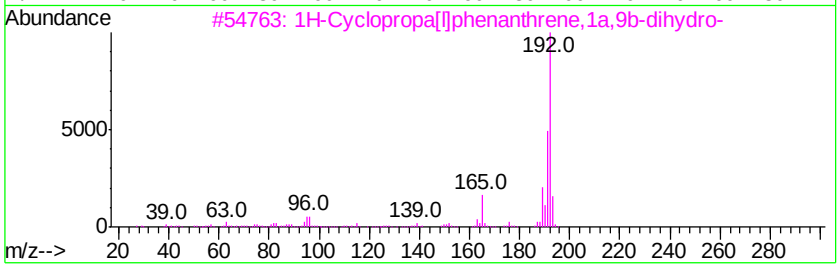
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.94 ng	343735	Phenanthrene-d10	11.39

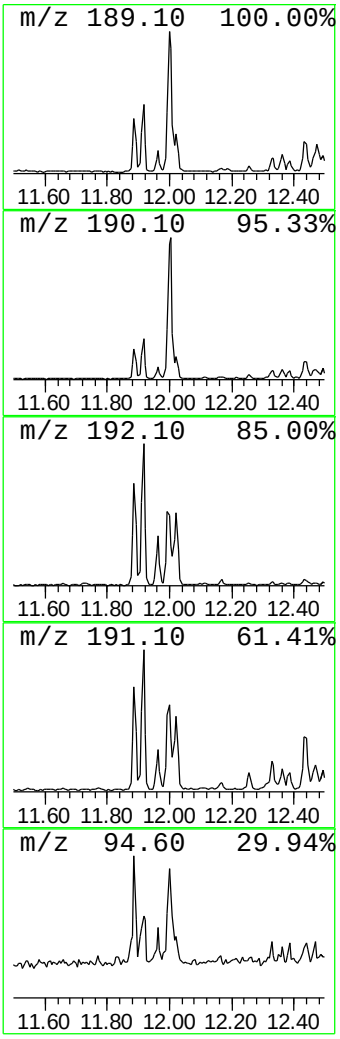
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42











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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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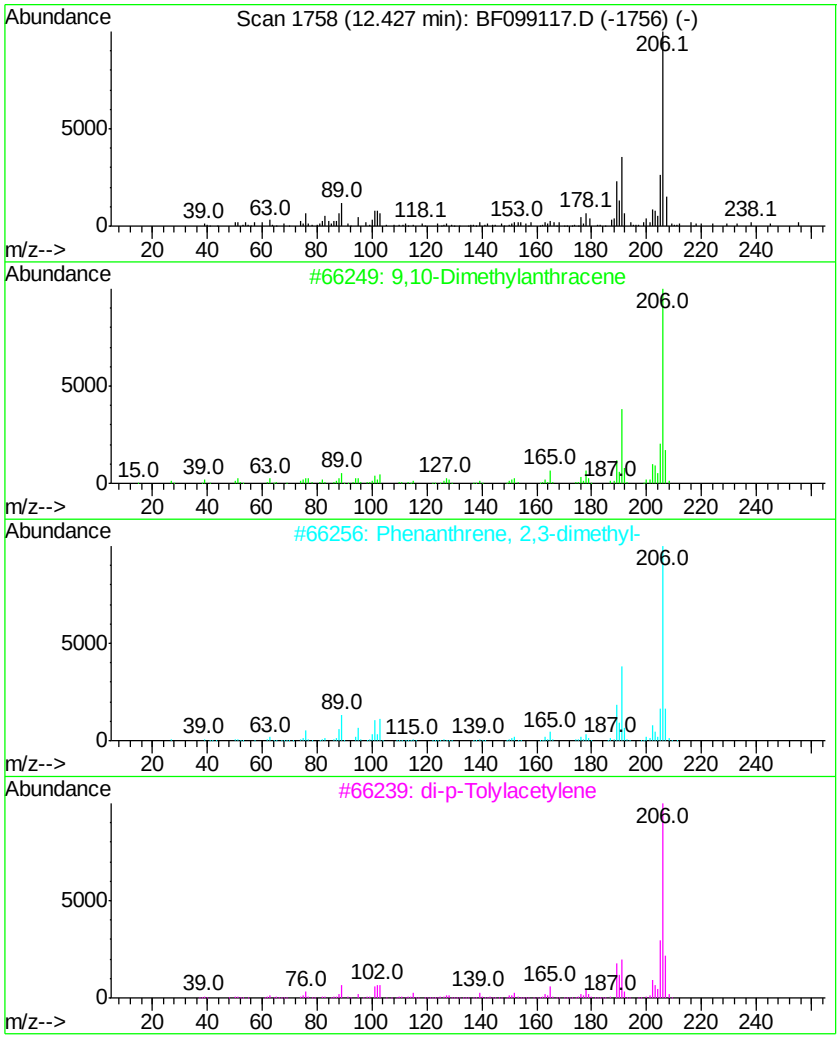
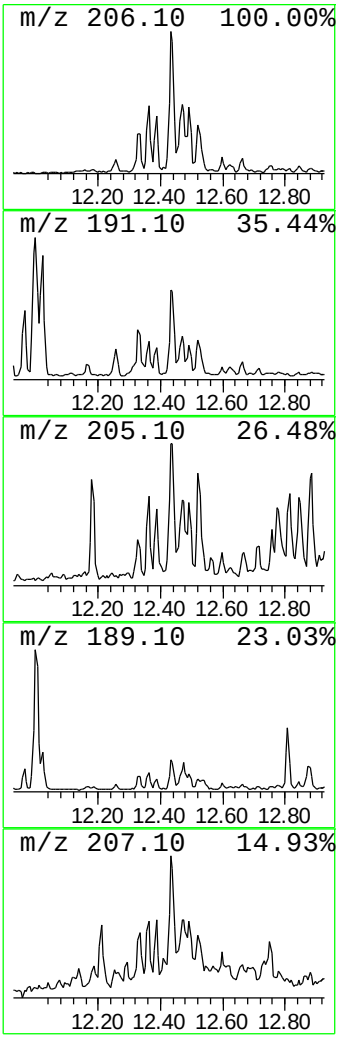
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.21 ng	185787	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Misc :
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ClientSampleId : SP-B-100217

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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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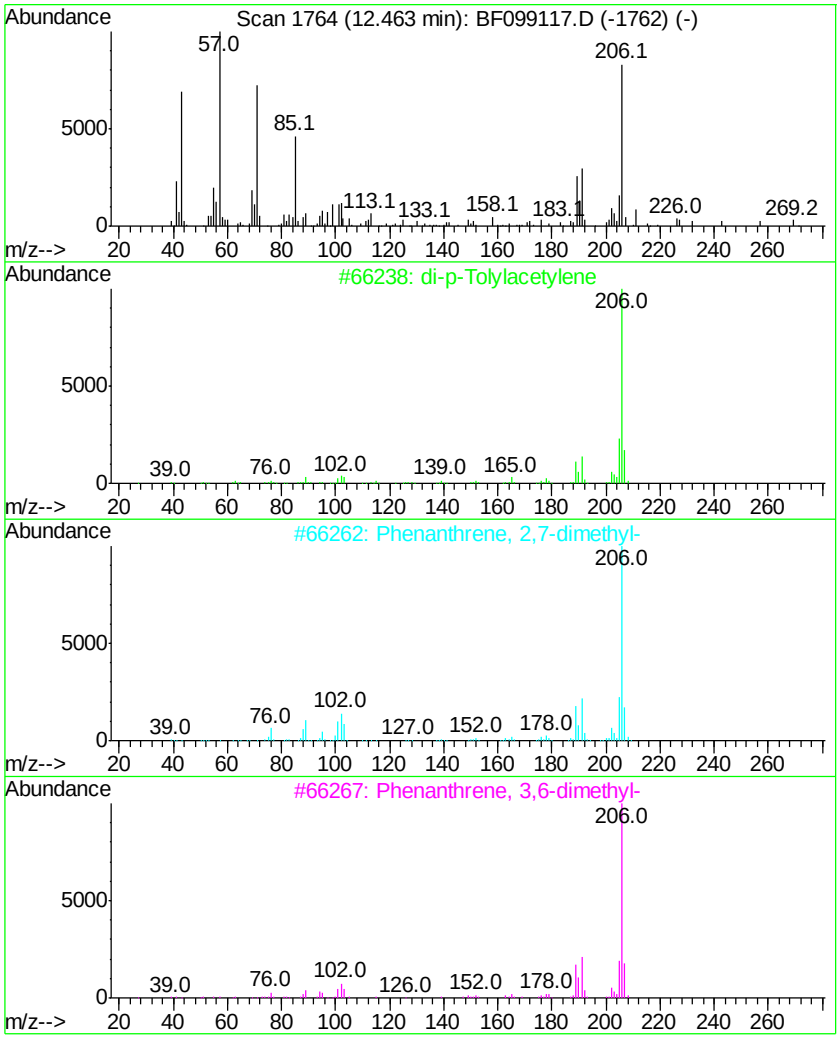
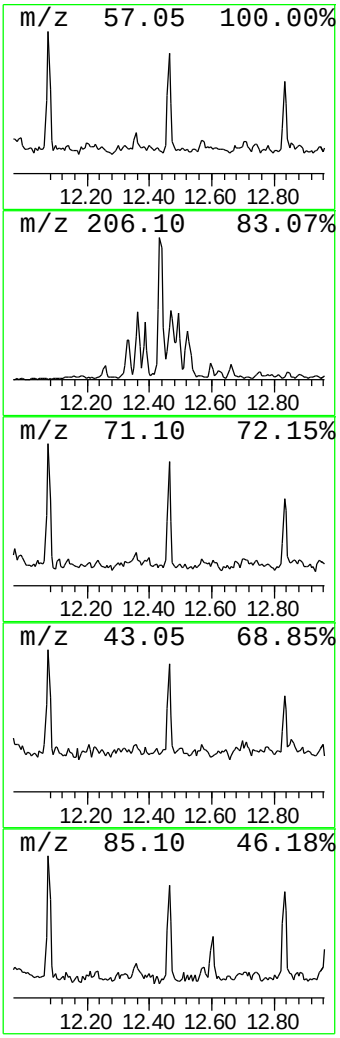
Peak Number 13 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.50 ng	144941	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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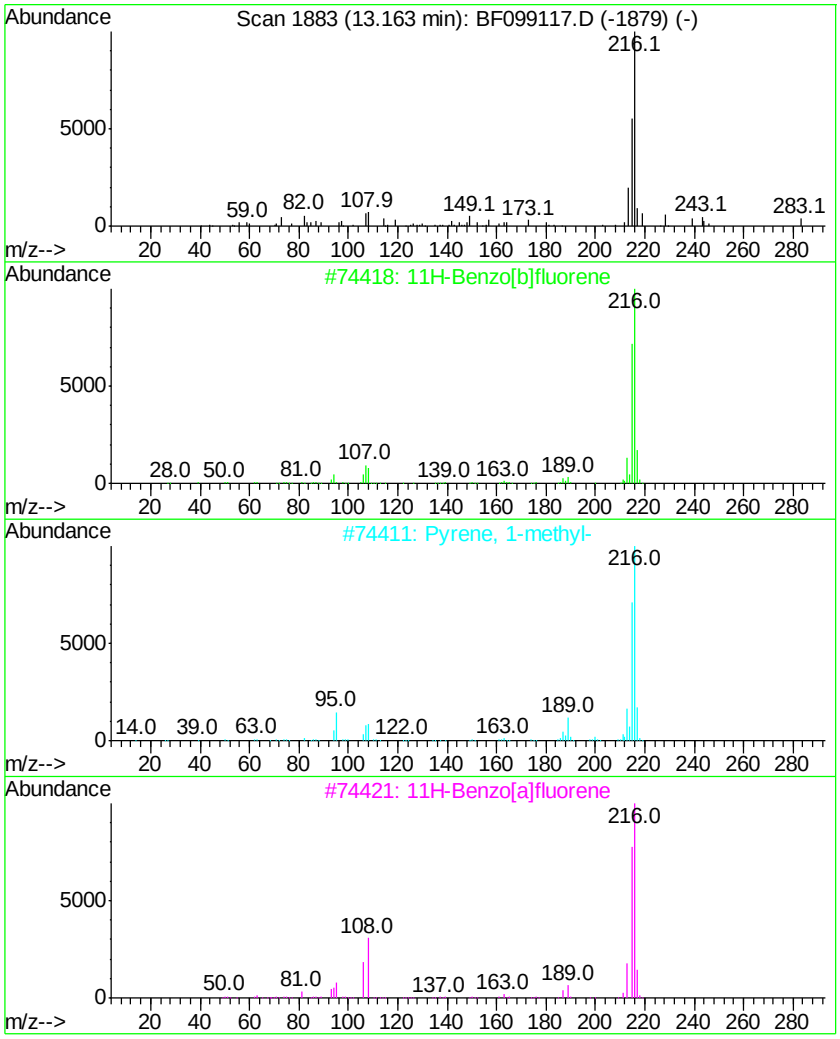
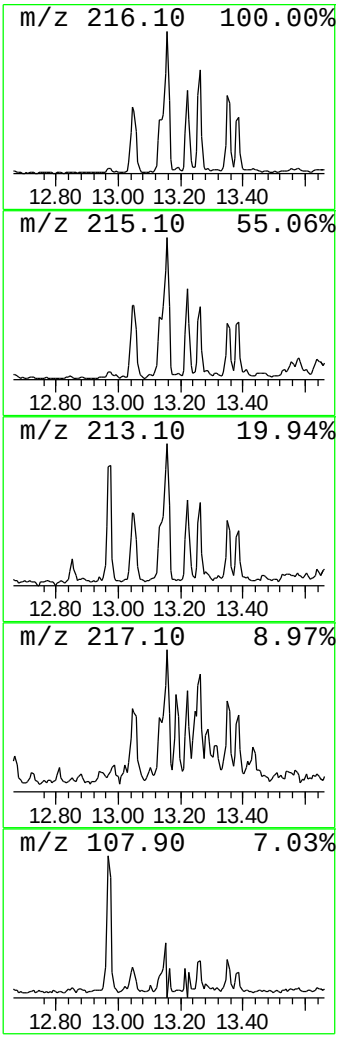
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.97 ng	201469	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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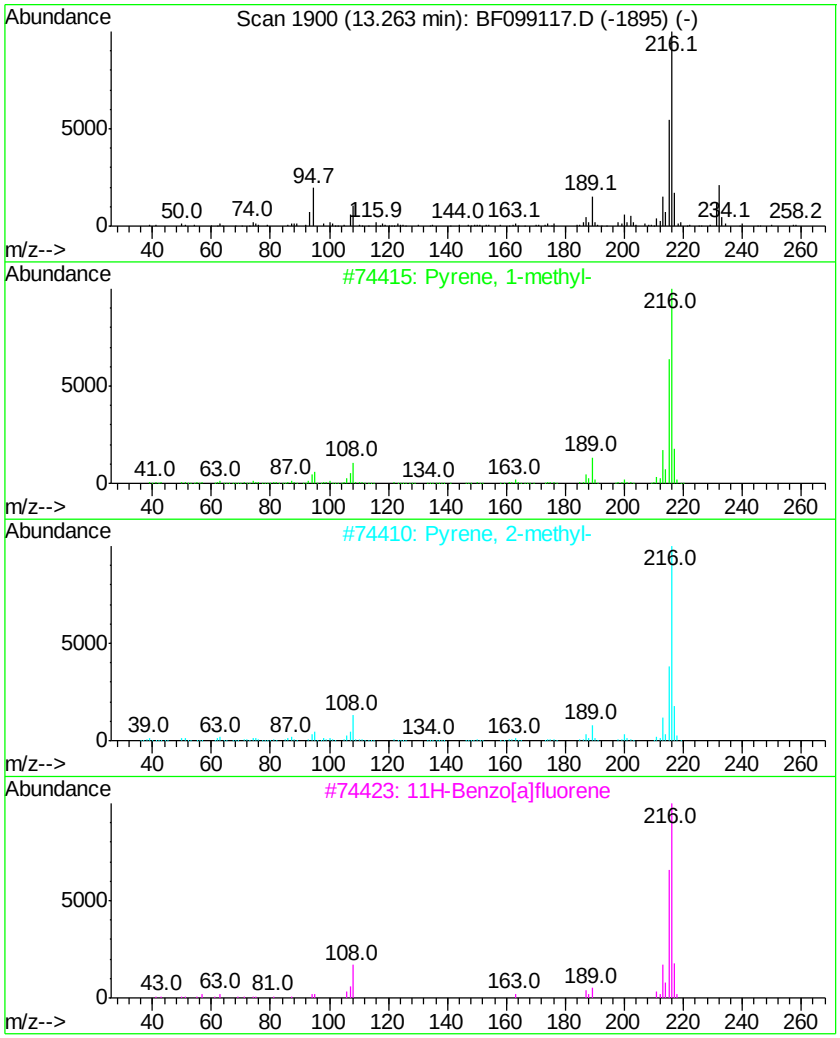
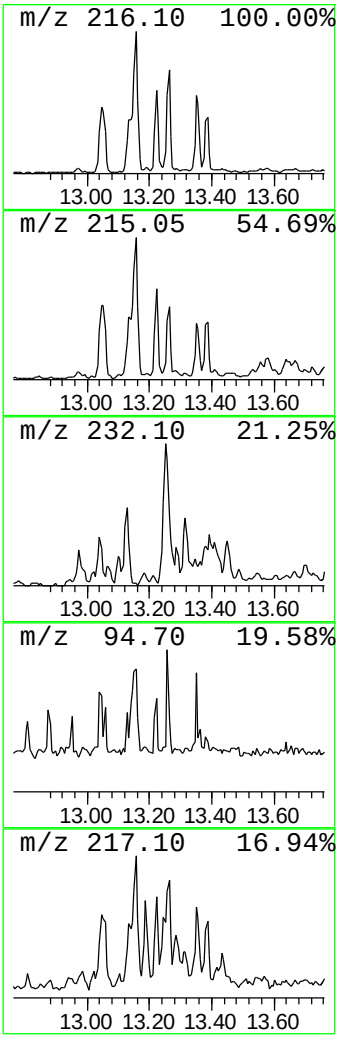
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.40 ng	162588	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55





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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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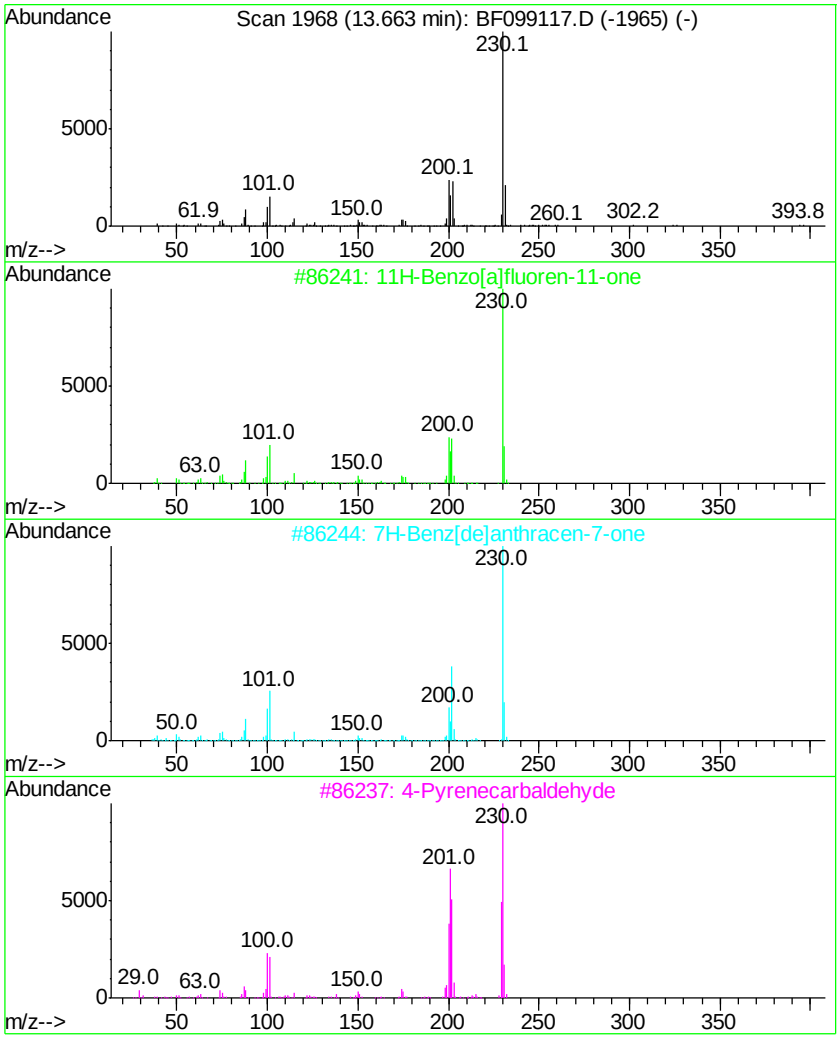
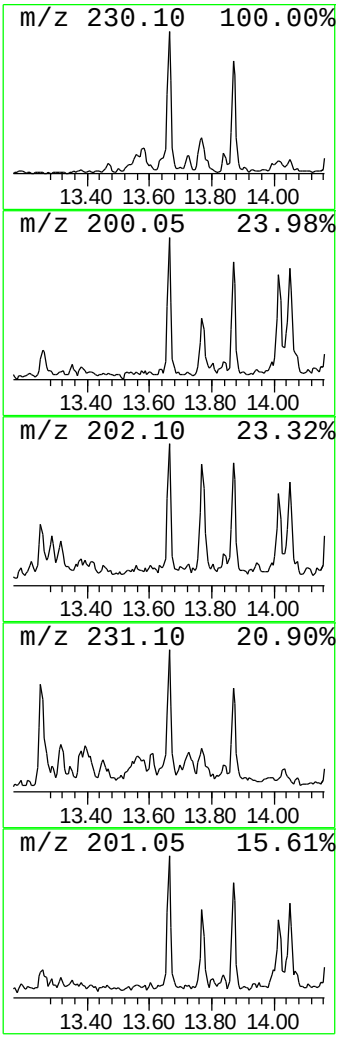
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.63 ng	178348	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58





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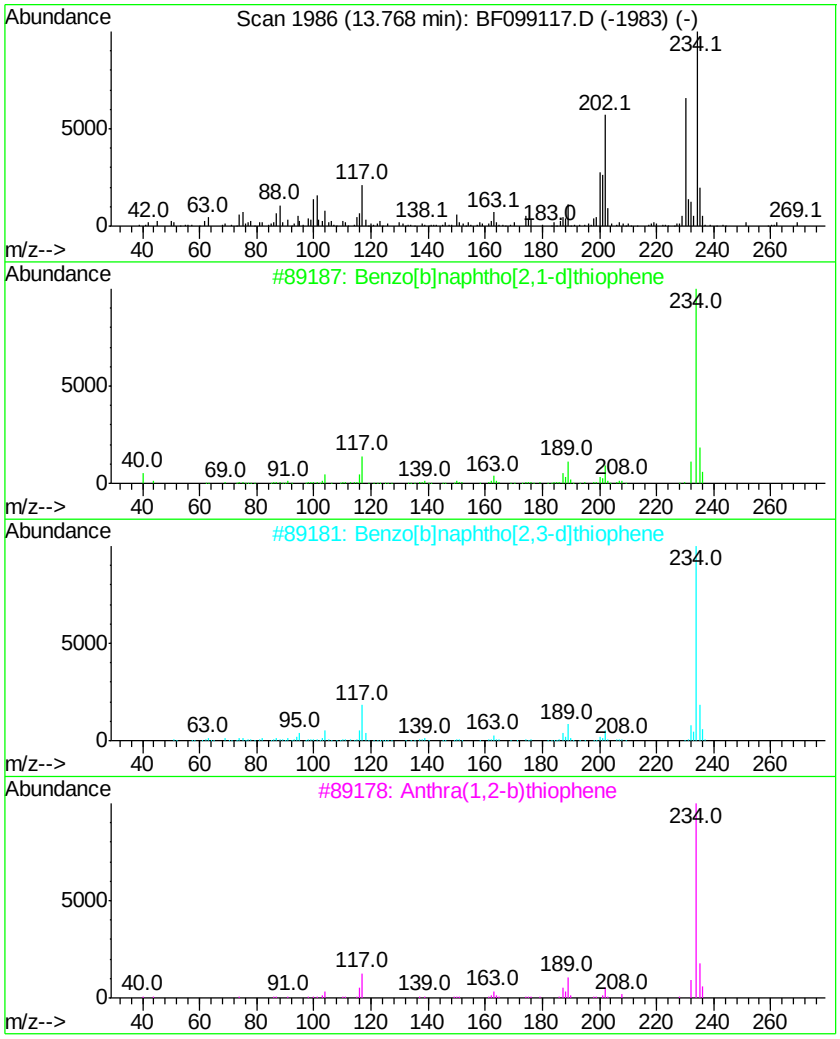
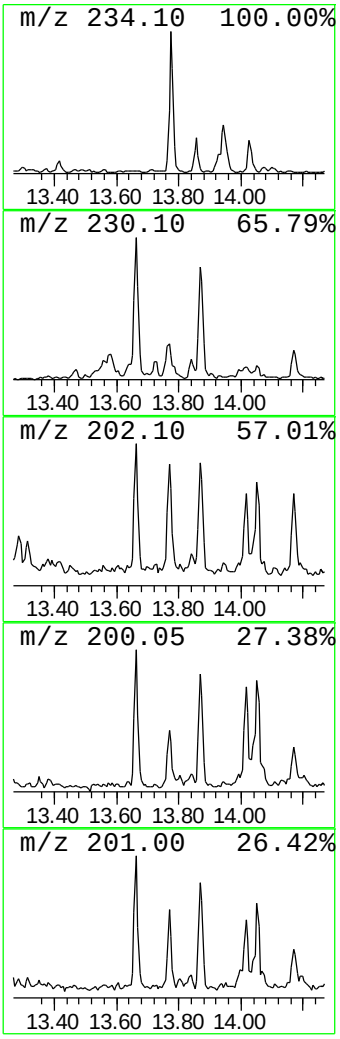
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.78 ng	188639	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	72
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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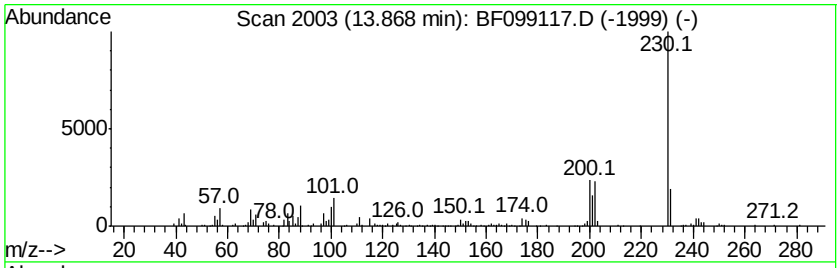
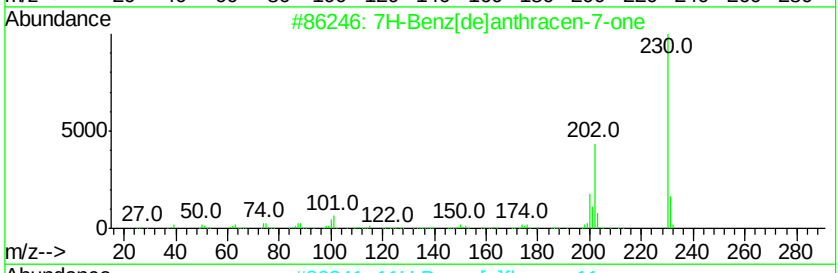
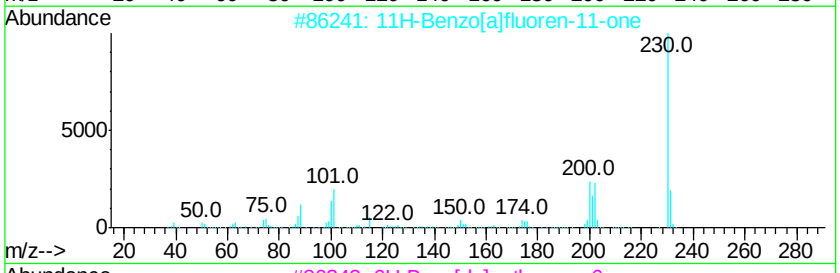
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 8

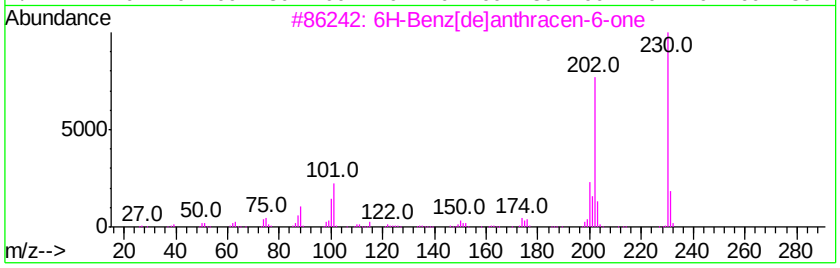
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.06 ng	275290	Chrysene-d12	14.03

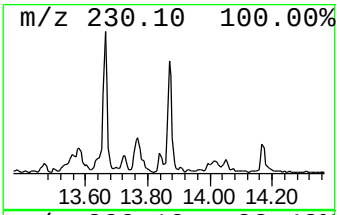
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	53
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50

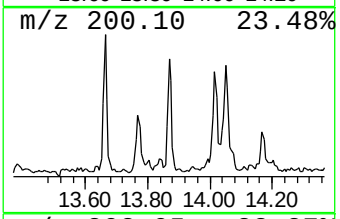


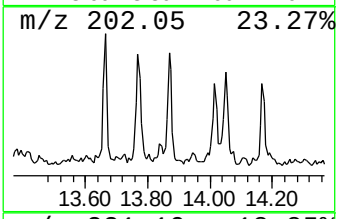


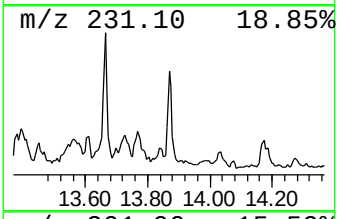


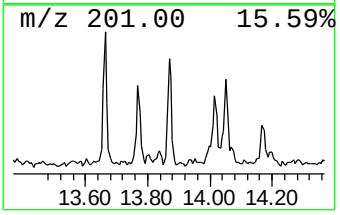












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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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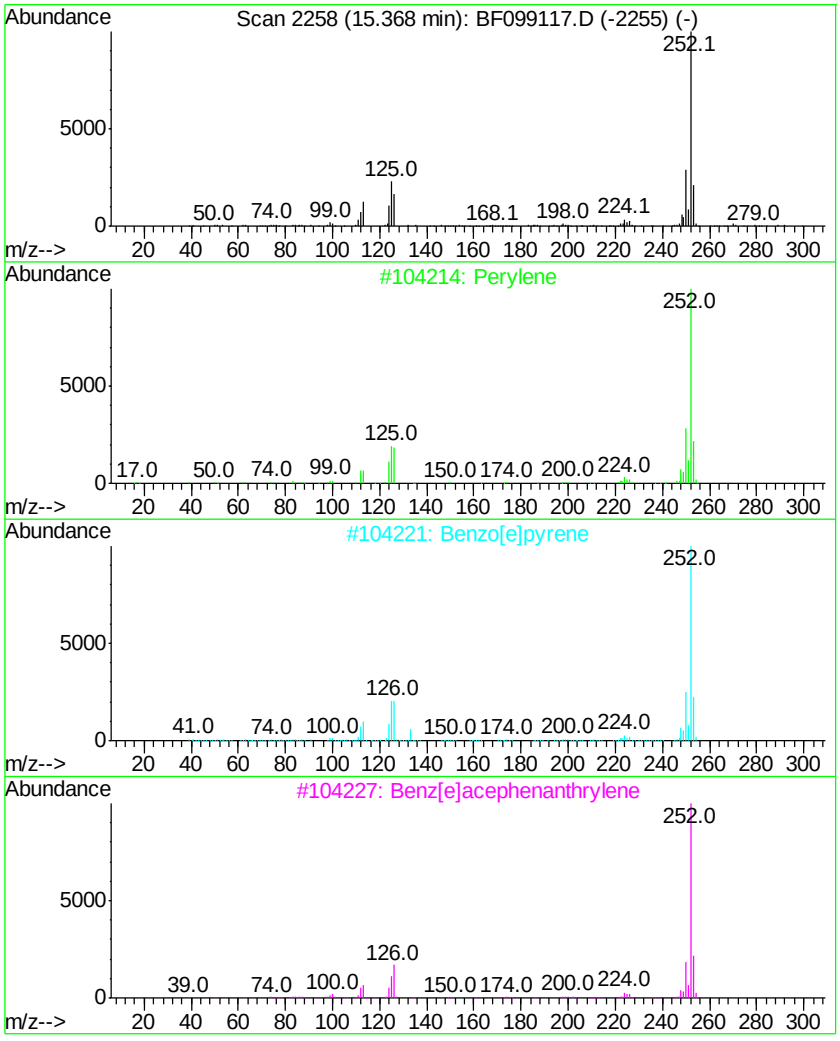
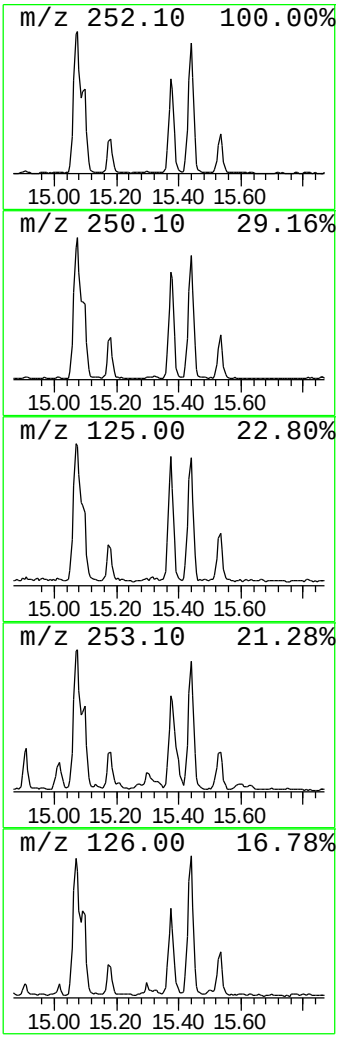
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	12.74 ng	523355	Perylene-d12	15.50

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	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100517\
Data File : BF099117.D
Acq On : 5 Oct 2017 21:41
Operator : SJ/JU
Sample : I5604-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-B-100217

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.18	4.6	ng	206856	1	6.86	900019	20.0
2-Pentanone, 4-hy...	5.09	14.0	ng	631698	1	6.86	900019	20.0
unknown6.63	6.63	72.5	ng	3262650	1	6.86	900019	20.0
Pentadecane	10.79	3.6	ng	206640	4	11.39	1158030	20.0
Hexadecane	11.24	2.8	ng	160138	4	11.39	1158030	20.0
Dibenzothiophene	11.28	2.5	ng	147463	4	11.39	1158030	20.0
Anthracene, 2-met...	11.89	2.9	ng	165930	4	11.39	1158030	20.0
Phenanthrene, 2-m...	11.92	4.5	ng	258859	4	11.39	1158030	20.0
4H-Cyclopenta[def...	12.00	5.9	ng	343735	4	11.39	1158030	20.0
9,10-Dimethylanth...	12.43	3.2	ng	185787	4	11.39	1158030	20.0
di-p-Tolylacetylene	12.46	2.5	ng	144941	4	11.39	1158030	20.0
11H-Benzo[b]fluorene	13.16	3.0	ng	201469	5	14.03	1356160	20.0
Pyrene, 1-methyl-	13.26	2.4	ng	162588	5	14.03	1356160	20.0
11H-Benzo[a]fluor...	13.66	2.6	ng	178348	5	14.03	1356160	20.0
Benzo[b]naphtho[2...	13.77	2.8	ng	188639	5	14.03	1356160	20.0
7H-Benz[de]anthra...	13.87	4.1	ng	275290	5	14.03	1356160	20.0
Perylene	15.37	12.7	ng	523355	6	15.50	821410	20.0