LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110178.D
Acq On : 25 Oct 2018 23:24
Operator : JU/SJ
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.316	33	39	48	rVB	391451	531442	17.49%	1.078%
2	5.210	527	531	539	rBV	100210	124938	4.11%	0.253%
3	5.593	590	596	599	rBV	2825023	2681261	88.24%	5.437%
4	5.816	630	634	638	rBV	81876	86595	2.85%	0.176%
5	6.587	760	765	770	rBV2	2447346	3038690	100.00%	6.162%
6	6.734	786	790	794	rBV	3029977	2836183	93.34%	5.751%
7	6.798	797	801	805	rVV	117639	127234	4.19%	0.258%
8	6.963	826	829	833	rBV	1027208	875021	28.80%	1.774%
9	7.122	852	856	859	rBV	2631476	2173211	71.52%	4.407%
10	7.528	920	925	928	rBV	1905255	1722836	56.70%	3.494%
11	7.822	972	975	979	rBV	165556	149993	4.94%	0.304%
12	8.251	1044	1048	1050	rBV	1152163	1096826	36.10%	2.224%
13	8.457	1078	1083	1087	rBV	155135	135785	4.47%	0.275%
14	8.522	1090	1094	1098	rBV	165558	163665	5.39%	0.332%
15	8.957	1165	1168	1172	rBV2	135255	133459	4.39%	0.271%
16	9.057	1182	1185	1189	rBV	93372	88593	2.92%	0.180%
17	9.322	1224	1230	1233	rBV	3359879	2836671	93.35%	5.752%
18	9.592	1269	1276	1278	rBV3	46652	75092	2.47%	0.152%
19	9.663	1284	1288	1290	rBV	103289	95926	3.16%	0.195%
20	9.710	1294	1296	1303	rVB2	449859	479040	15.76%	0.971%
21	9.869	1319	1323	1328	rBV	393812	331437	10.91%	0.672%
22	10.010	1343	1347	1350	rVV	1250088	1091601	35.92%	2.214%
23	10.204	1377	1380	1384	rVV2	75954	89759	2.95%	0.182%
24	10.245	1384	1387	1390	rVB	91001	72031	2.37%	0.146%
25	10.316	1396	1399	1402	rBV2	100949	118529	3.90%	0.240%
26	10.422	1410	1417	1421	rVB5	76410	144888	4.77%	0.294%
27	10.463	1421	1424	1429	rBV	83030	99548	3.28%	0.202%
28	10.557	1437	1440	1446	rVB4	104104	156960	5.17%	0.318%
29	10.798	1477	1481	1485	rBV	1652604	1403270	46.18%	2.846%
30	10.916	1495	1501	1507	rVB5	89446	183421	6.04%	0.372%
31	11.104	1528	1533	1536	rVV2	104624	154359	5.08%	0.313%
32	11.304	1564	1567	1570	rVV2	75873	74178	2.44%	0.150%
33	11.498	1596	1600	1602	rBV	939884	895845	29.48%	1.817%
34	11.522	1602	1604	1609	rVV	970191	852895	28.07%	1.730%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.575	1610	1613	1616	rVV	367105	309741	10.19%	0.628%
36	11.775	1644	1647	1648	rVV	78355	78372	2.58%	0.159%
37	11.792	1648	1650	1653	rVV	139210	112627	3.71%	0.228%
38	11.833	1654	1657	1660	rVB	128470	122870	4.04%	0.249%
39	12.004	1683	1686	1688	rVV	445602	416282	13.70%	0.844%
40	12.027	1688	1690	1693	rVB	484105	414378	13.64%	0.840%
41	12.080	1693	1699	1701	rBV	158031	156054	5.14%	0.316%
42	12.116	1701	1705	1707	rVV2	635542	750324	24.69%	1.522%
43	12.139	1707	1709	1713	rVB	385163	306795	10.10%	0.622%
44	12.180	1713	1716	1719	rBV2	93914	87643	2.88%	0.178%
45	12.298	1732	1736	1738	rVV2	207462	203125	6.68%	0.412%
46	12.322	1738	1740	1746	rVB3	163737	193819	6.38%	0.393%
47	12.445	1759	1761	1764	rVV2	121052	120623	3.97%	0.245%
48	12.474	1764	1766	1768	rVV	131361	108913	3.58%	0.221%
49	12.498	1768	1770	1773	rVB2	94814	89884	2.96%	0.182%
50	12.551	1773	1779	1782	rBV	492558	569311	18.74%	1.154%
51	12.592	1782	1786	1788	rVV2	222148	320335	10.54%	0.650%
52	12.610	1788	1789	1791	rVB	170787	86193	2.84%	0.175%
53	12.639	1791	1794	1802	rVB3	275975	402086	13.23%	0.815%
54	12.722	1804	1808	1811	rVB	1753075	1531534	50.40%	3.106%
55	12.757	1811	1814	1816	rBV	123584	102695	3.38%	0.208%
56	12.780	1816	1818	1821	rVB	101171	78242	2.57%	0.159%
57	12.810	1821	1823	1826	rVB	333633	280155	9.22%	0.568%
58	12.845	1826	1829	1831	rBV2	100846	80379	2.65%	0.163%
59	12.886	1835	1836	1840	rVB2	129863	108702	3.58%	0.220%
60	12.951	1840	1847	1852	rVB	2232223	2357176	77.57%	4.780%
61	12.998	1852	1855	1858	rVB2	149752	165183	5.44%	0.335%
62	13.086	1866	1870	1873	rBV	2085164	1735468	57.11%	3.519%
63	13.163	1879	1883	1890	rBV3	307774	481725	15.85%	0.977%
64	13.251	1895	1898	1900	rVV3	279449	369297	12.15%	0.749%
65	13.274	1900	1902	1905	rVB	418299	352770	11.61%	0.715%
66	13.339	1911	1913	1916	rBV	194739	164400	5.41%	0.333%
67	13.380	1917	1920	1923	rVV	398152	346988	11.42%	0.704%
68	13.445	1927	1931	1933	rBV4	55560	83720	2.76%	0.170%
69	13.474	1933	1936	1938	rVV	378570	298085	9.81%	0.604%
70	13.504	1938	1941	1944	rVB	323711	270080	8.89%	0.548%
71	13.586	1952	1955	1958	rVB3	78711	83832	2.76%	0.170%

LSC Area Percent Report

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Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.780	1986	1988	1993	rVB	215404	243094	8.00%	0.493%
73	13.898	2002	2008	2010	rBV3	210904	308433	10.15%	0.625%
74	13.921	2010	2012	2015	rVV	215295	186054	6.12%	0.377%
75	13.951	2015	2017	2018	rVV	135629	122275	4.02%	0.248%
76	13.969	2018	2020	2022	rVV2	170185	189248	6.23%	0.384%
77	13.992	2022	2024	2028	rVB	186820	171973	5.66%	0.349%
78	14.145	2045	2050	2053	rBV2	1298376	2022086	66.54%	4.100%
79	14.174	2053	2055	2062	rVV	1029513	982346	32.33%	1.992%
80	14.292	2072	2075	2085	rVB3	331804	467815	15.40%	0.949%
81	14.404	2091	2094	2096	rVB	81630	74581	2.45%	0.151%
82	14.498	2107	2110	2112	rBV	100243	99815	3.28%	0.202%
83	14.533	2112	2116	2119	rVV	363302	345890	11.38%	0.701%
84	14.568	2119	2122	2124	rBV	183530	136581	4.49%	0.277%
85	14.663	2135	2138	2140	rBV	166603	157440	5.18%	0.319%
86	14.686	2140	2142	2145	rVB	134900	112970	3.72%	0.229%
87	14.733	2148	2150	2154	rVB2	90949	89954	2.96%	0.182%
88	14.910	2178	2180	2183	rVB	95069	83798	2.76%	0.170%
89	15.115	2212	2215	2220	rVB4	48154	72753	2.39%	0.148%
90	15.221	2228	2233	2236	rBV	539419	877837	28.89%	1.780%
91	15.333	2249	2252	2258	rVB	170293	196192	6.46%	0.398%
92	15.545	2283	2288	2293	rVB	371658	512054	16.85%	1.038%
93	15.610	2294	2299	2304	rVV	579171	698236	22.98%	1.416%
94	15.674	2305	2310	2313	rVV2	586588	815107	26.82%	1.653%
95	15.710	2313	2316	2323	rVB2	129054	199950	6.58%	0.405%
96	16.127	2383	2387	2393	rVB2	204896	324652	10.68%	0.658%
97	16.268	2408	2411	2416	rVB3	56947	82363	2.71%	0.167%
98	16.662	2474	2478	2486	rVB	137915	251158	8.27%	0.509%
99	17.233	2569	2575	2581	rBV2	173267	328024	10.79%	0.665%
100	17.704	2650	2655	2666	rVB	141333	300576	9.89%	0.610%

Sum of corrected areas: 49314243

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110178.D
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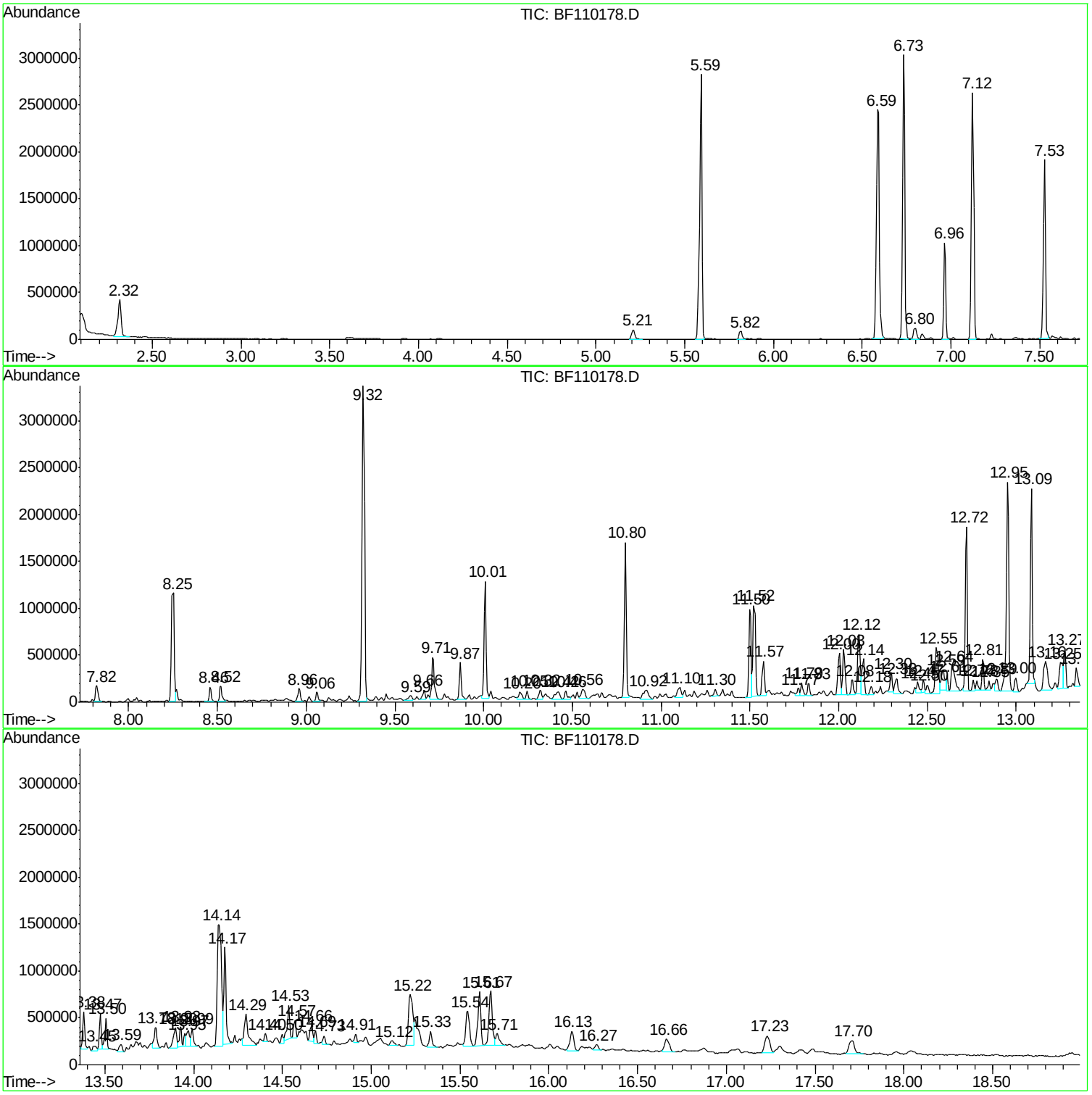
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110178.D
Acq On : 25 Oct 2018 23:24
Operator : JU/SJ
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

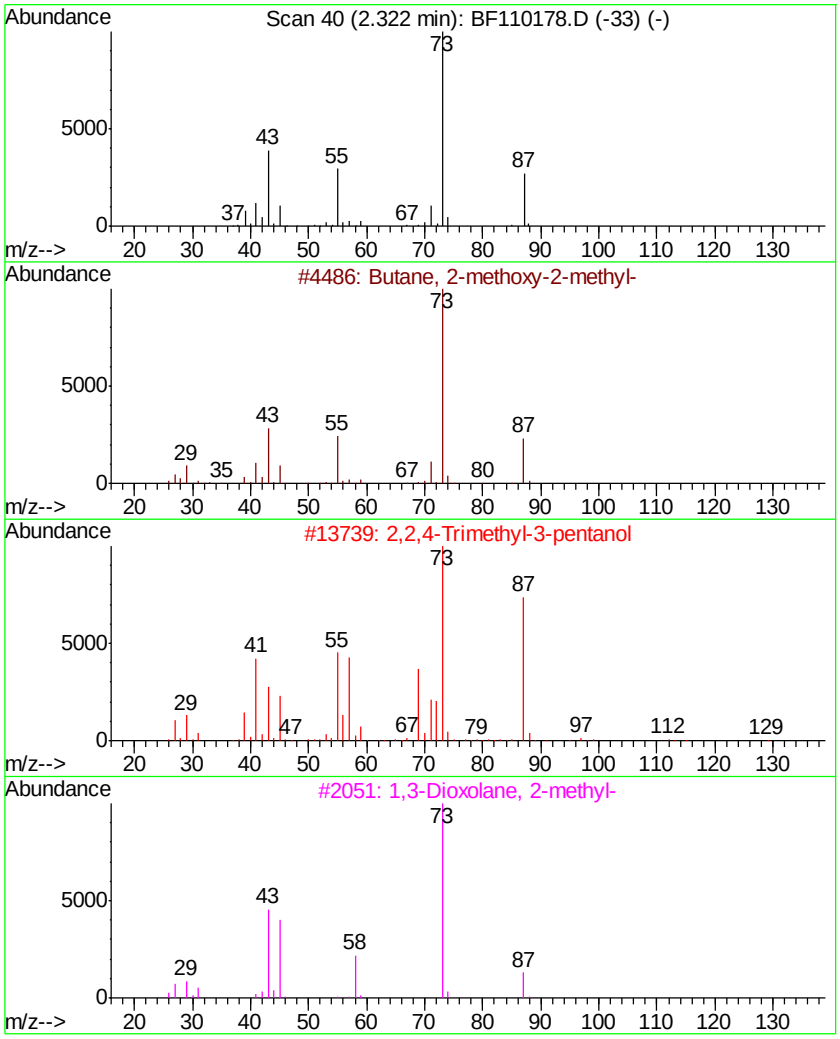
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

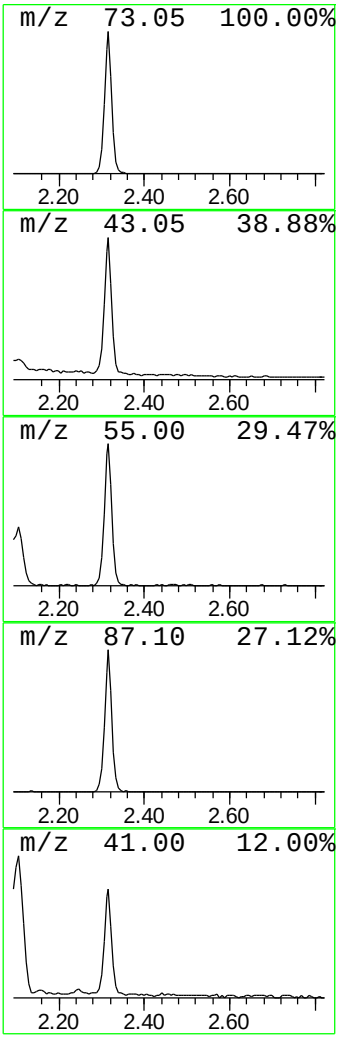
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	12.15 ng	531442	1,4-Dichlorobenzene-d4	6.96

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

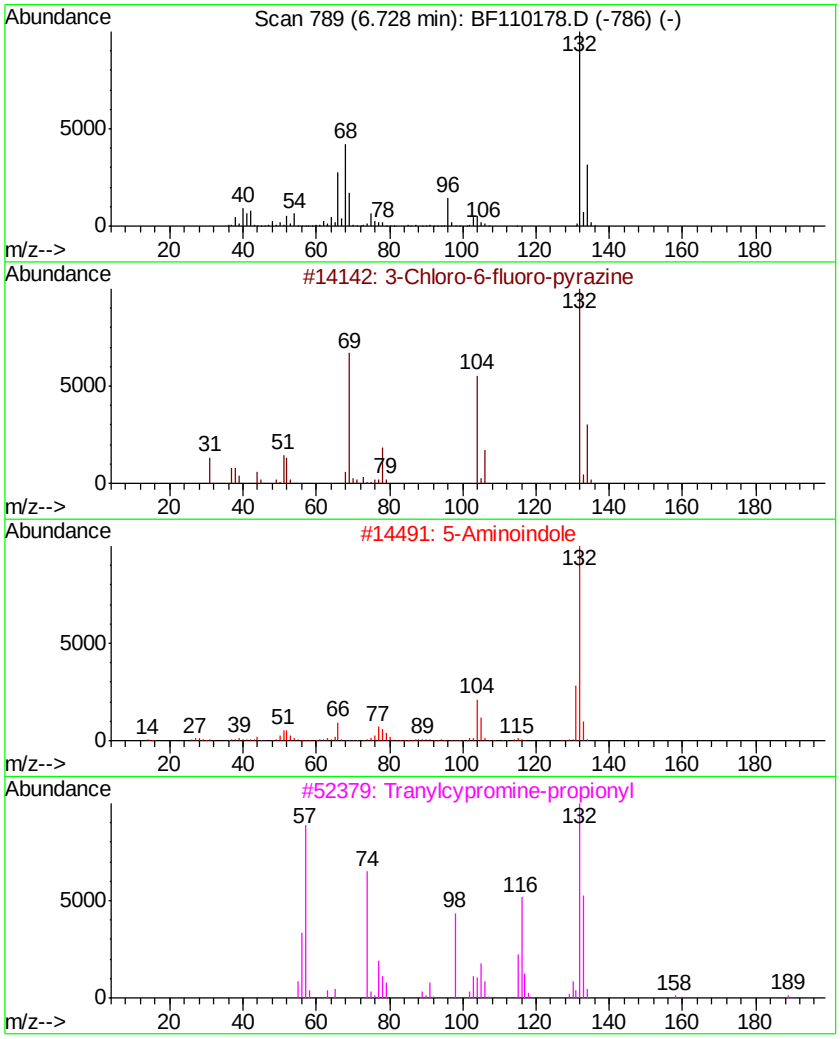
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

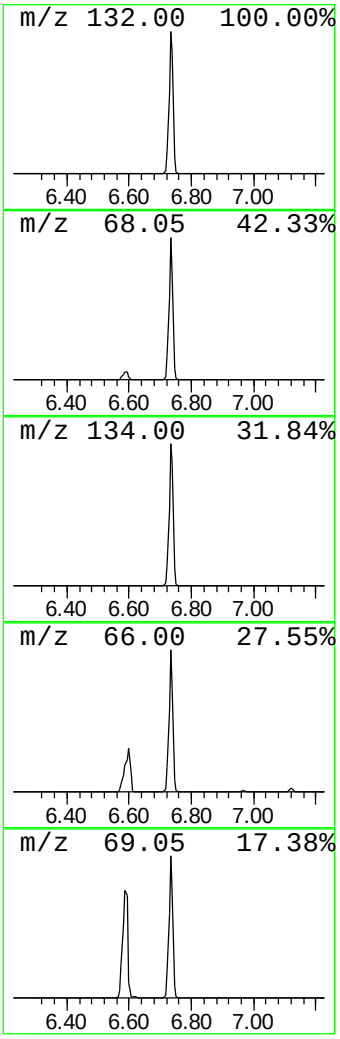
****

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	64.83 ng	2836180	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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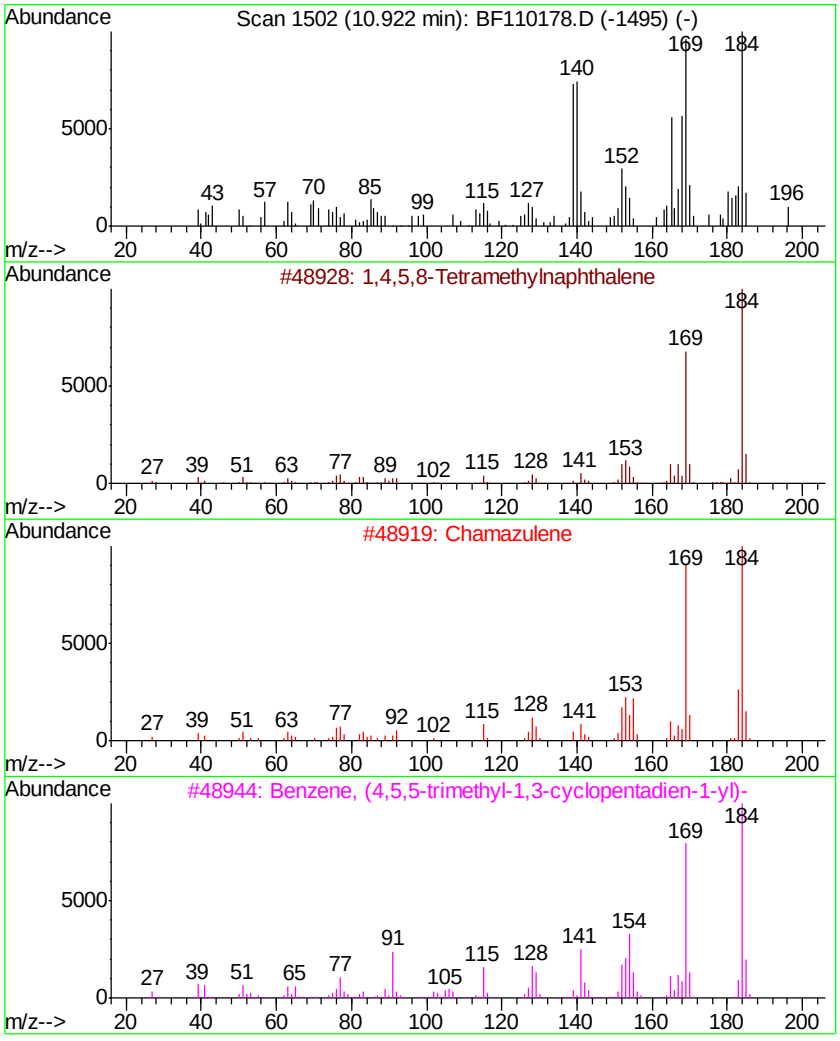
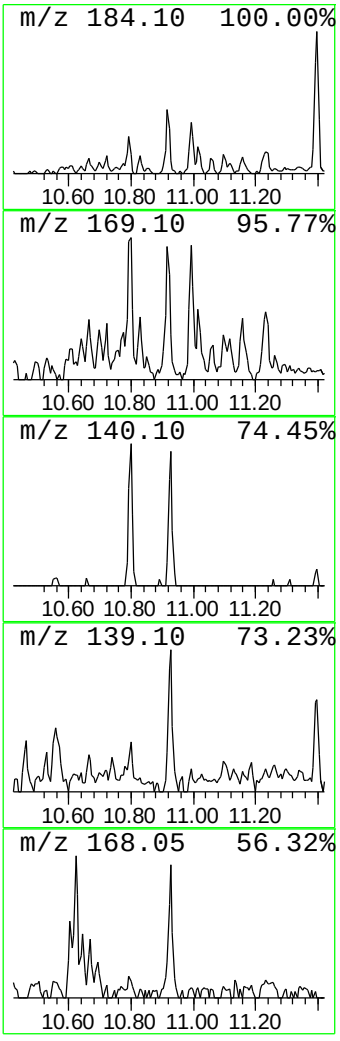
****

Peak Number 4 1,4,5,8-Tetramethylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.09 ng	183421	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2	Chamazulene	184	C14H16	000529-05-5	87
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	72
4	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	55
5	2,3,4-Trimethoxyphenol	184	C9H12O4	019676-64-3	50





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

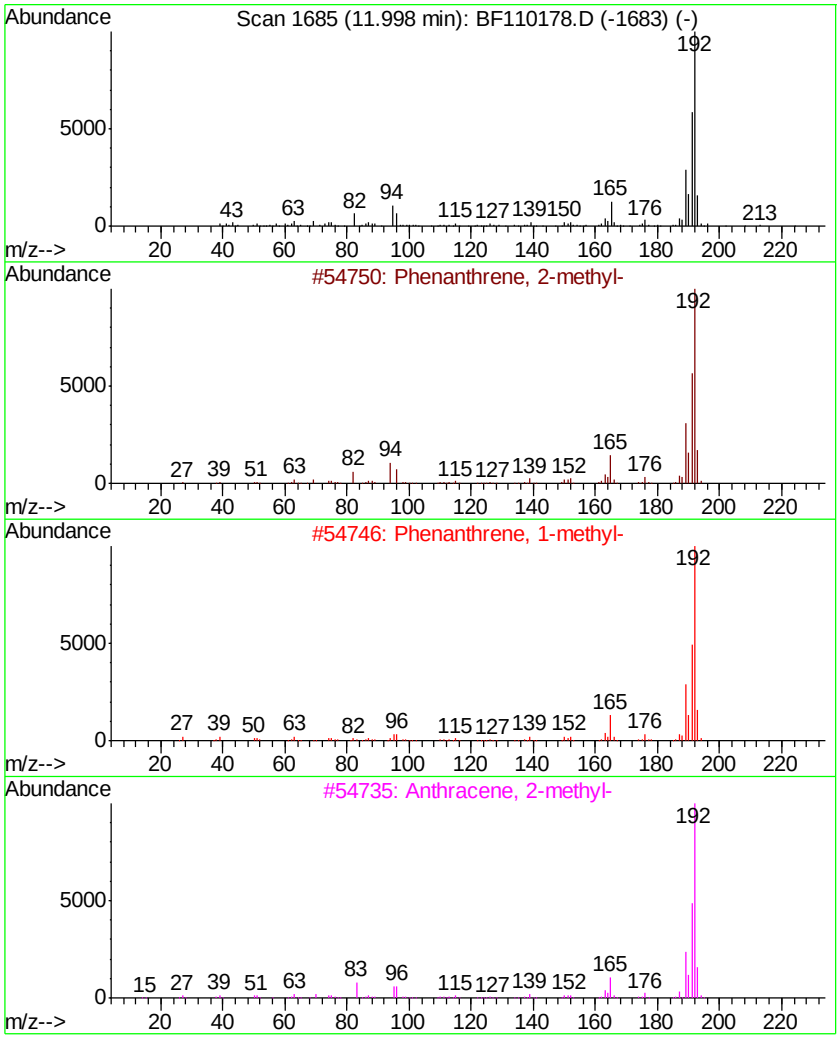
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

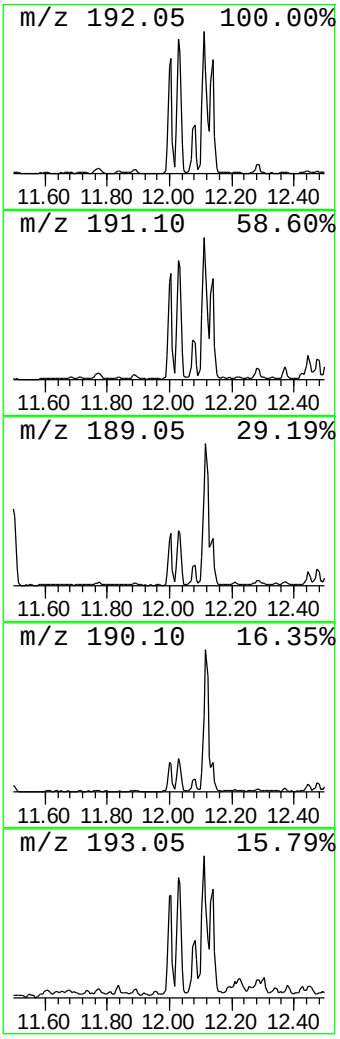
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	9.29 ng	416282	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110178.D
Acq On : 25 Oct 2018 23:24
Operator : JU/SJ
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

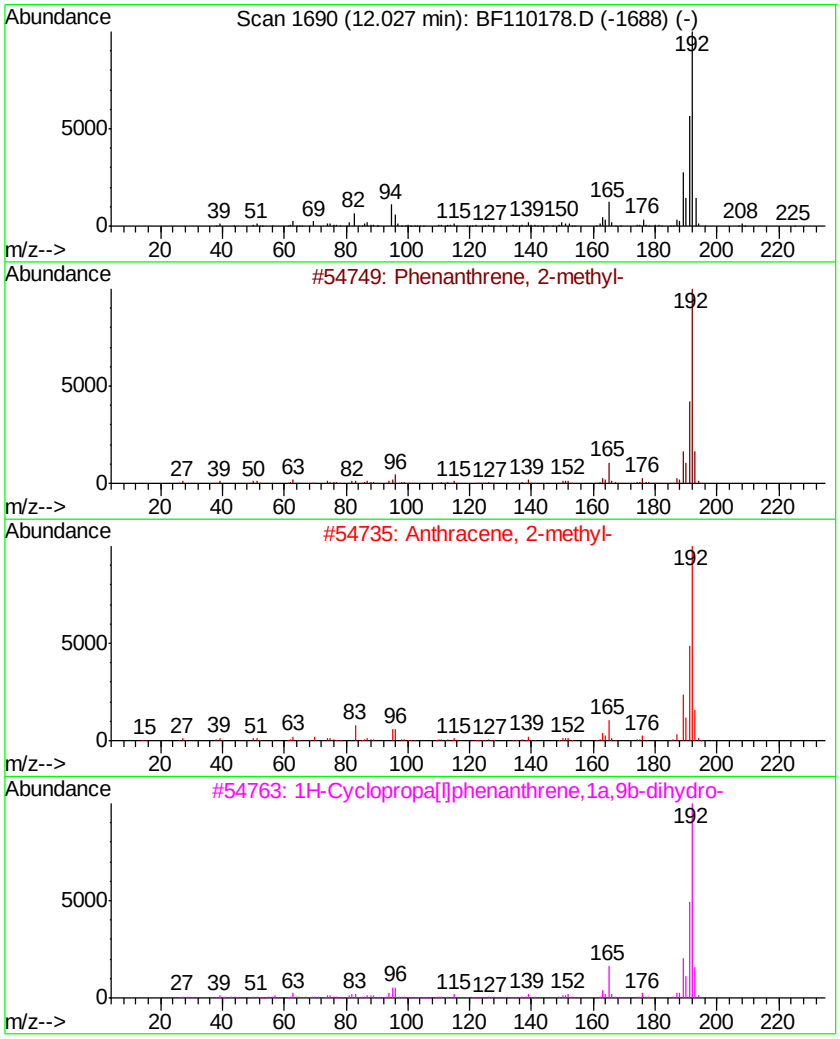
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

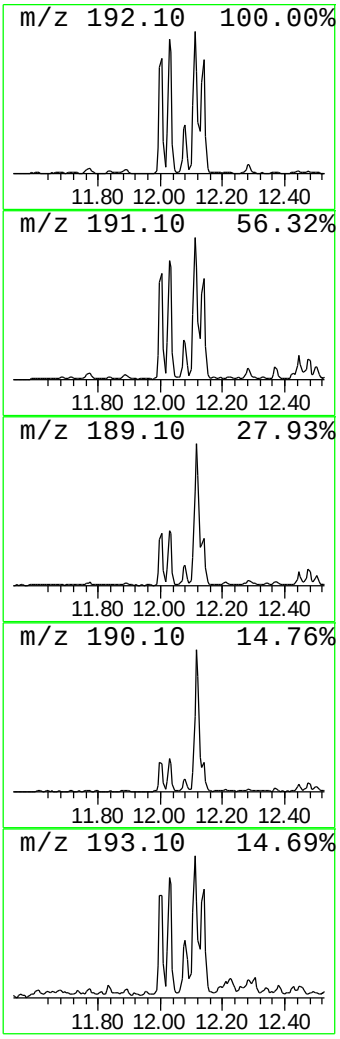
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.25 ng	414378	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : JU/SJ
Sample : J5625-15
Misc :
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Instrument : BNA_F
ClientSampleId : DW-08

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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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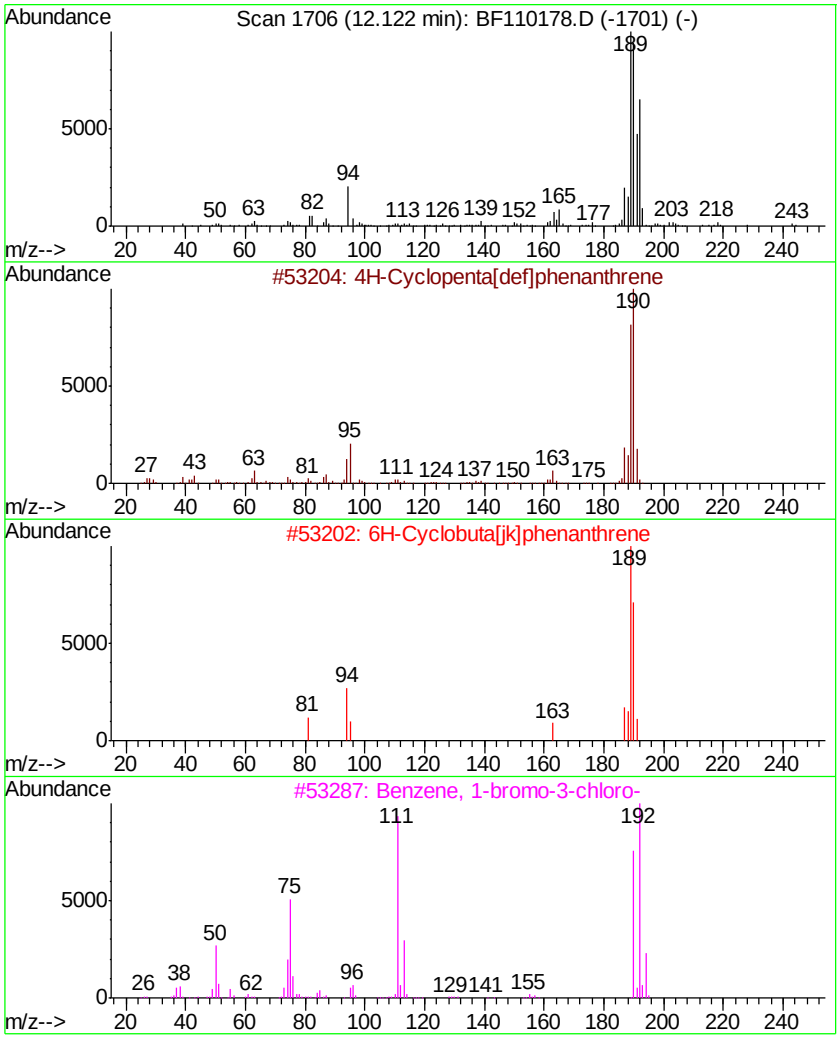
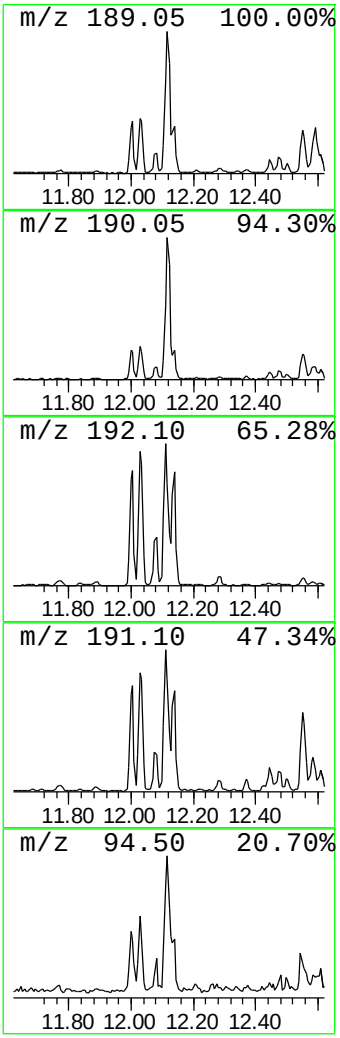
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	16.75 ng	750324	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	43
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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Instrument : BNA_F
ClientSampleId : DW-08

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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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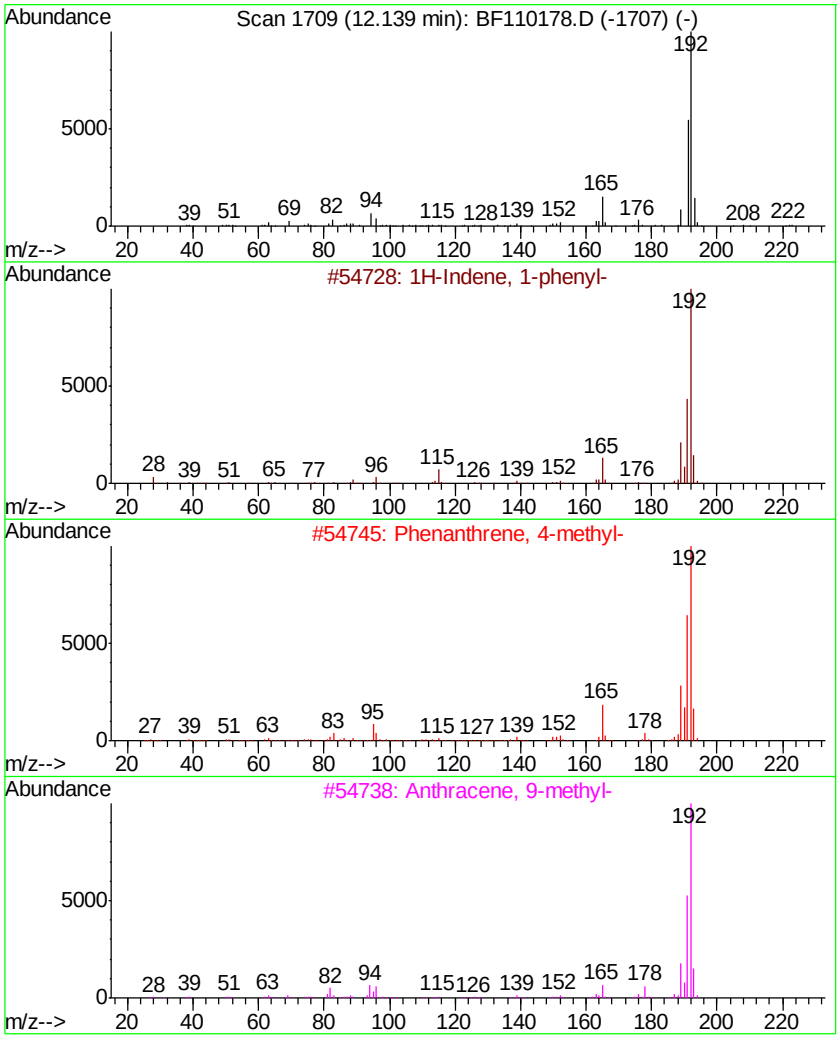
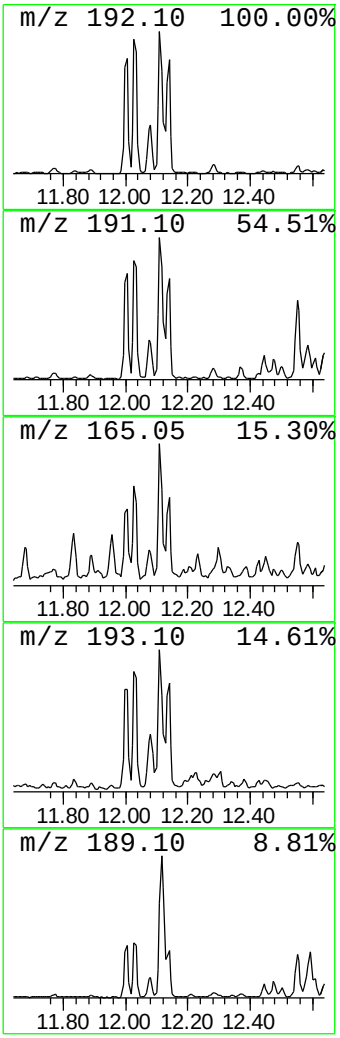
Peak Number 8 1H-Indene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.85 ng	306795	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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Instrument : BNA_F
ClientSampleId : DW-08

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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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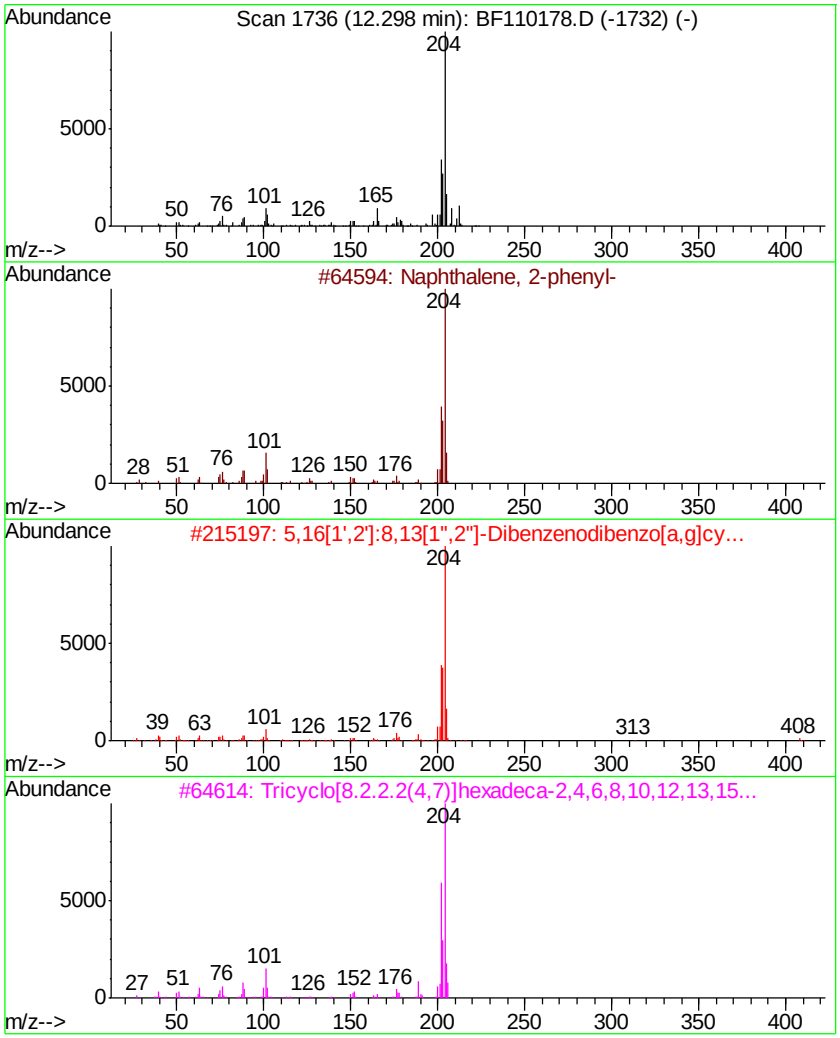
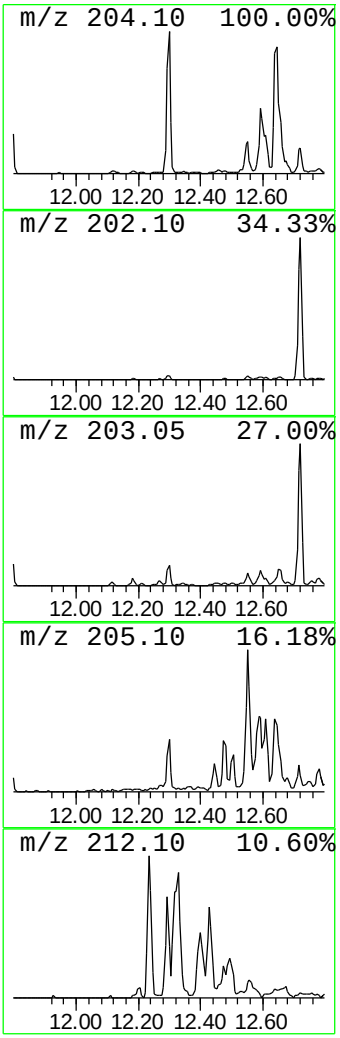
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.53 ng	203125	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





Library Search Compound Report

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Sample : J5625-15
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ClientSampleId : DW-08

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

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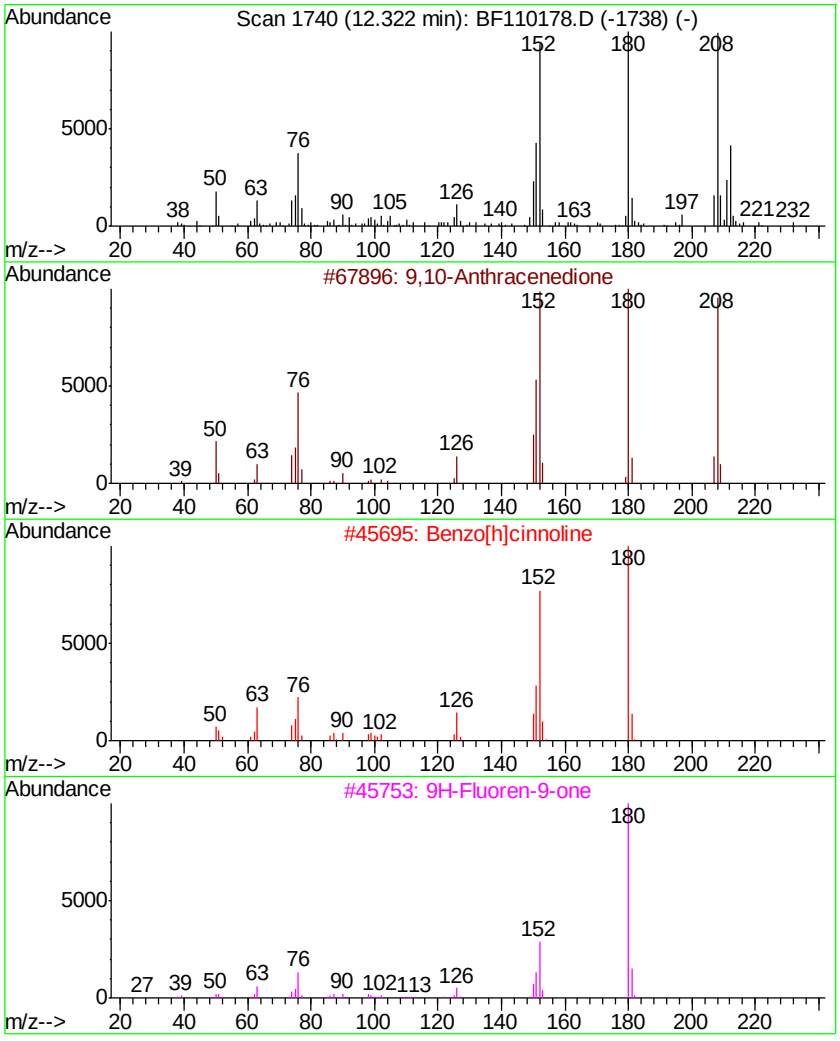
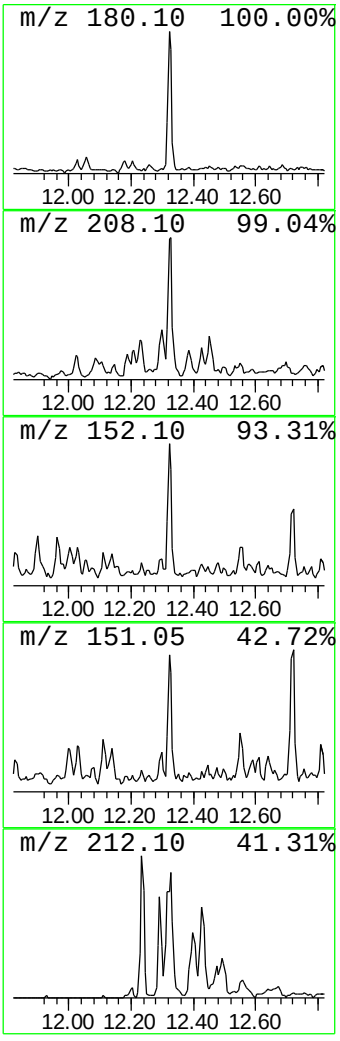
Peak Number 10 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.33 ng	193819	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	80
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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Instrument : BNA_F
ClientSampleId : DW-08

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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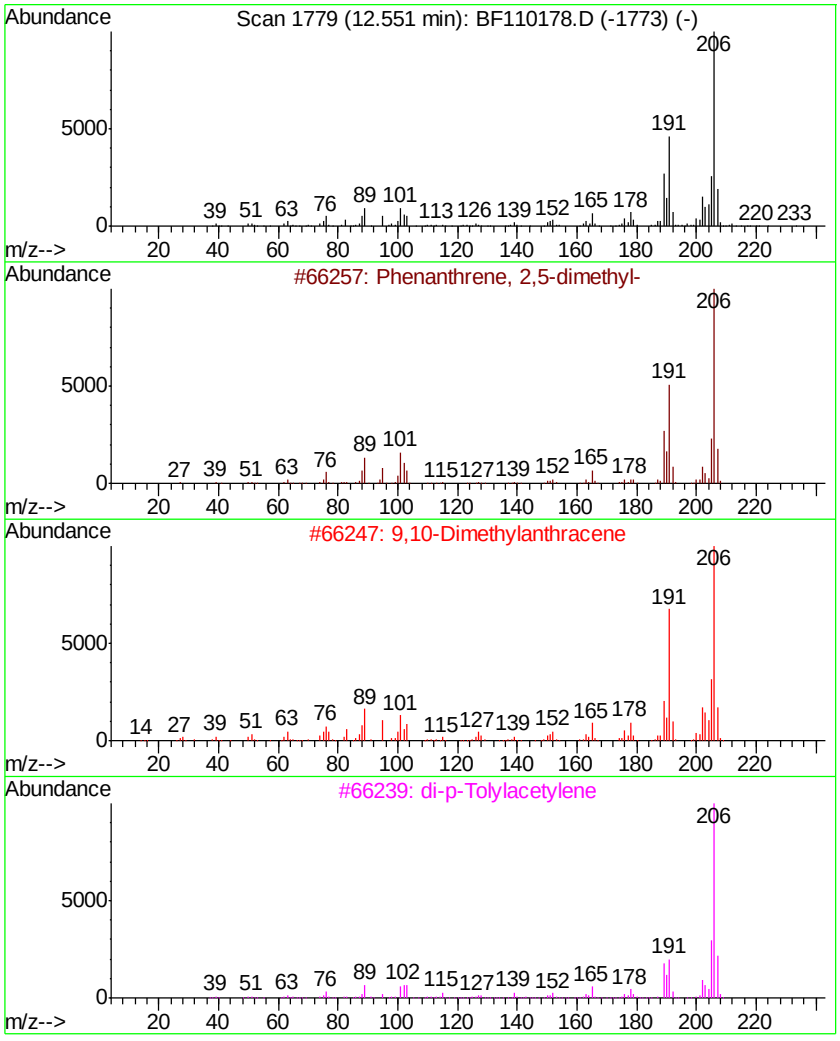
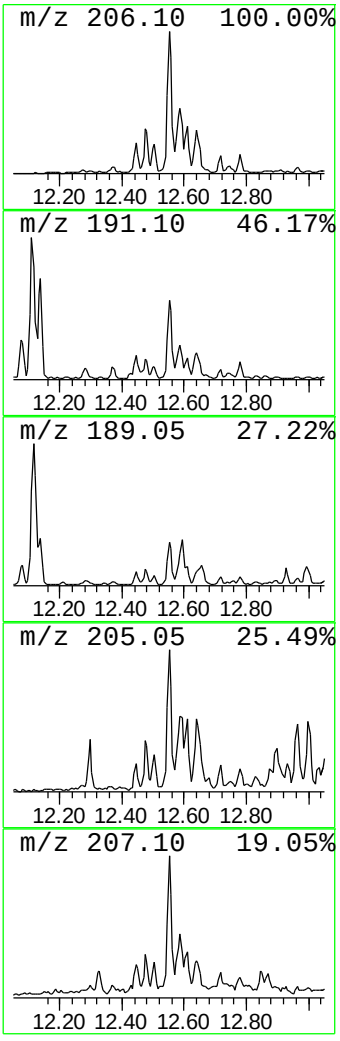
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	12.71 ng	569311	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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Sample : J5625-15
Misc :
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Instrument : BNA_F
ClientSampleId : DW-08

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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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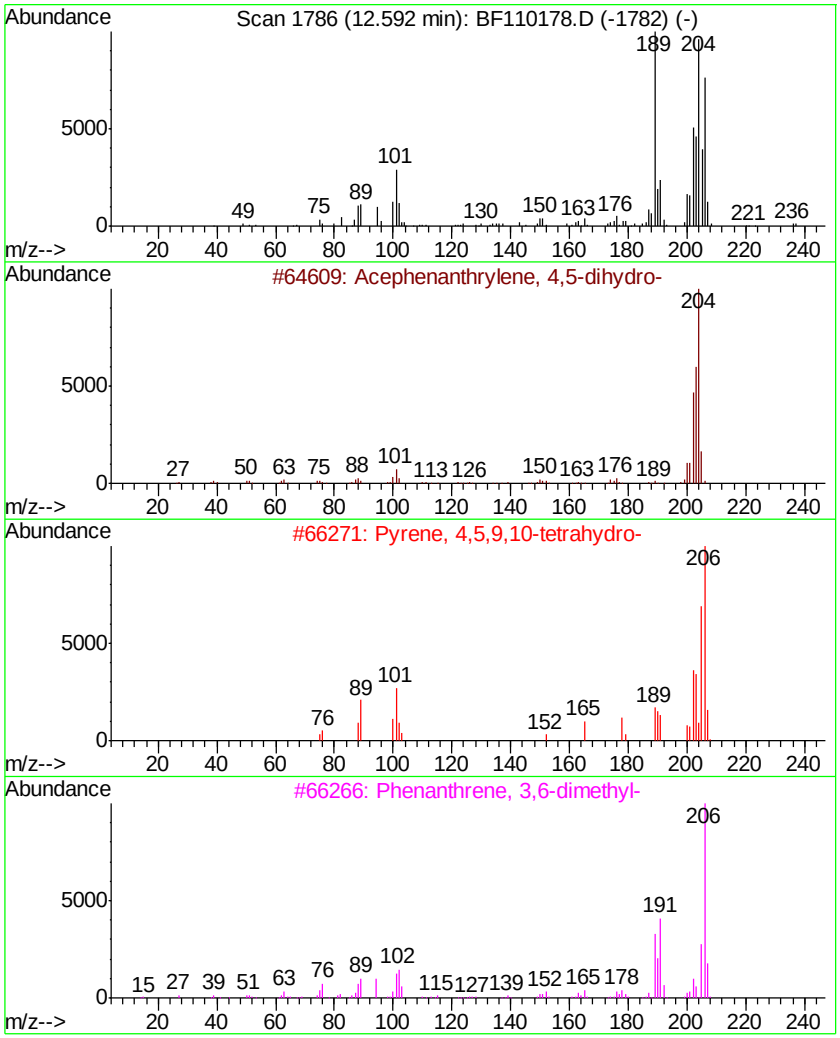
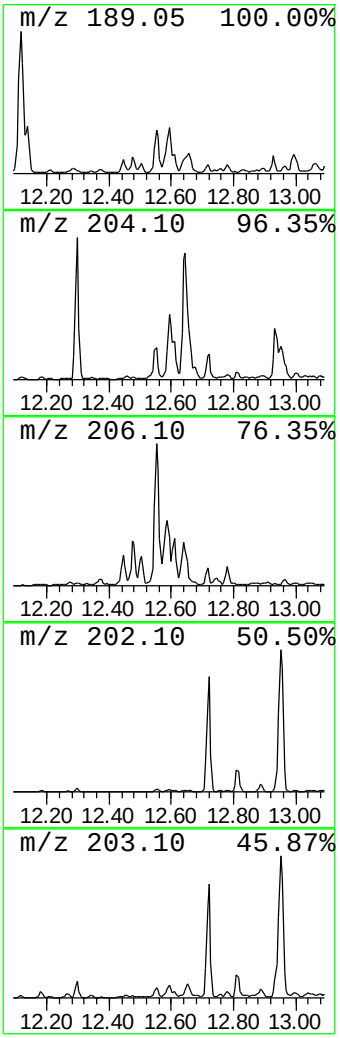
Peak Number 12 Acephenanthrylene, 4,5-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.15 ng	320335	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	74
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	44
4	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	43
5	6-Methoxy-3-methyl-2-benzofuranc...	206	C11H10O4	010410-29-4	25





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Sample : J5625-15
Misc :
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Instrument : BNA_F
ClientSampleId : DW-08

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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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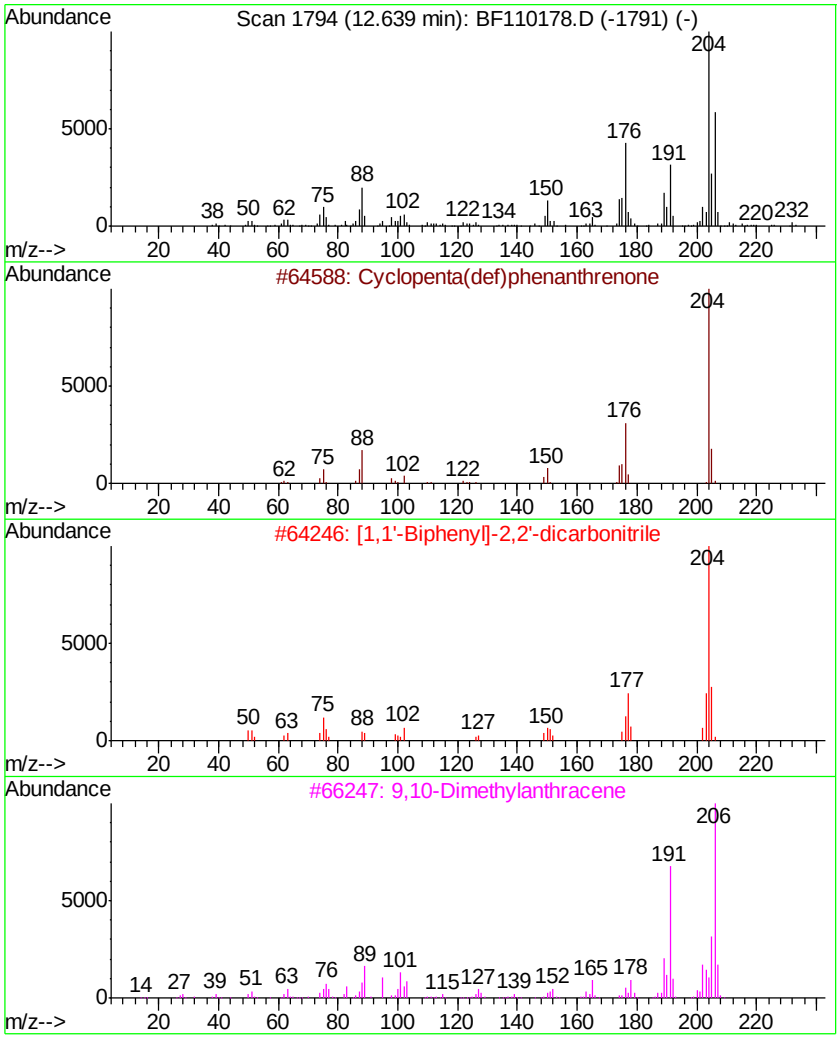
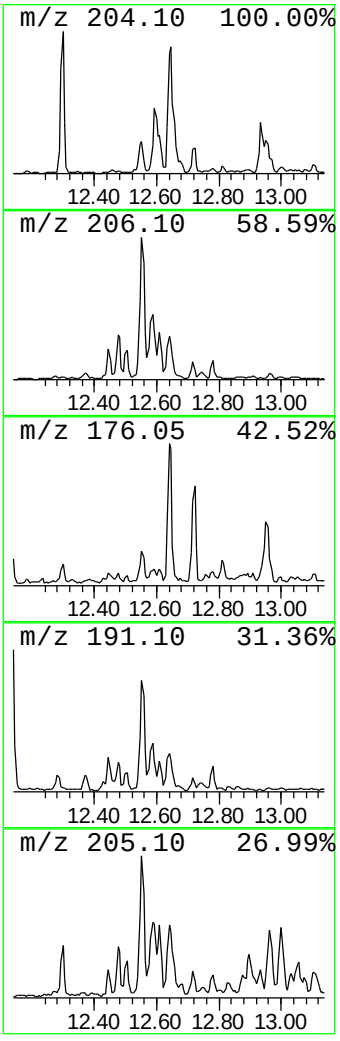
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	8.98 ng	402086	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	45
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	42
5	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	38





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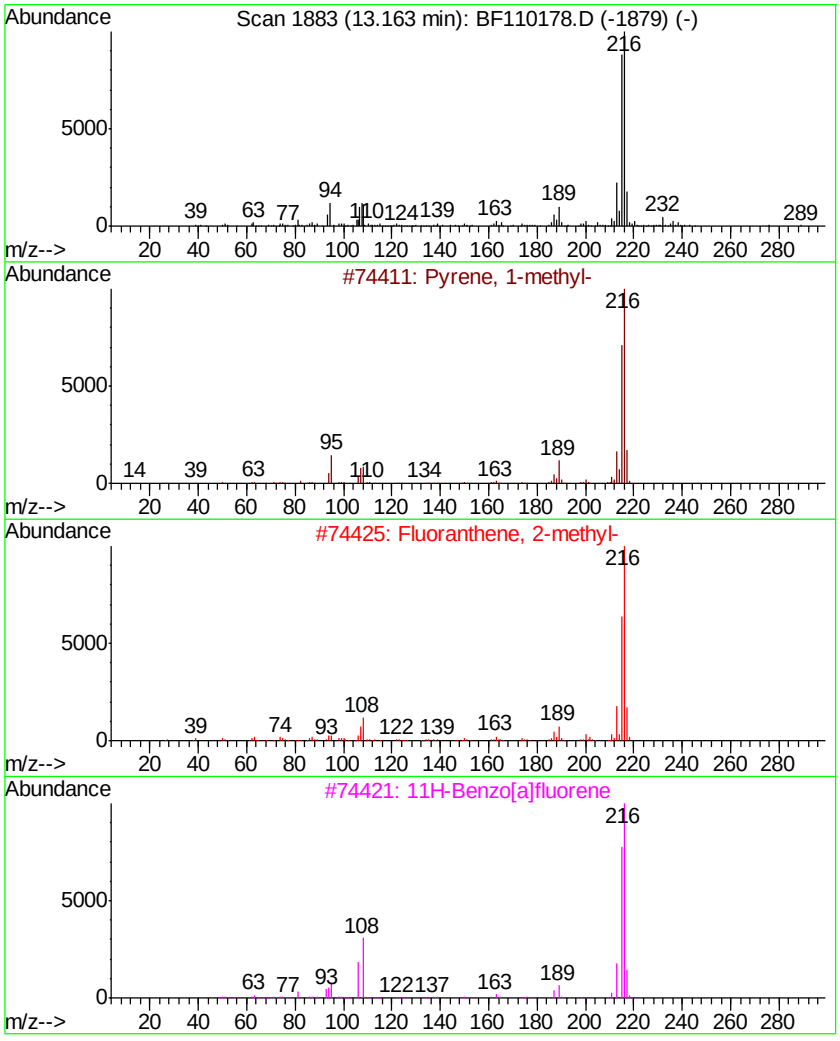
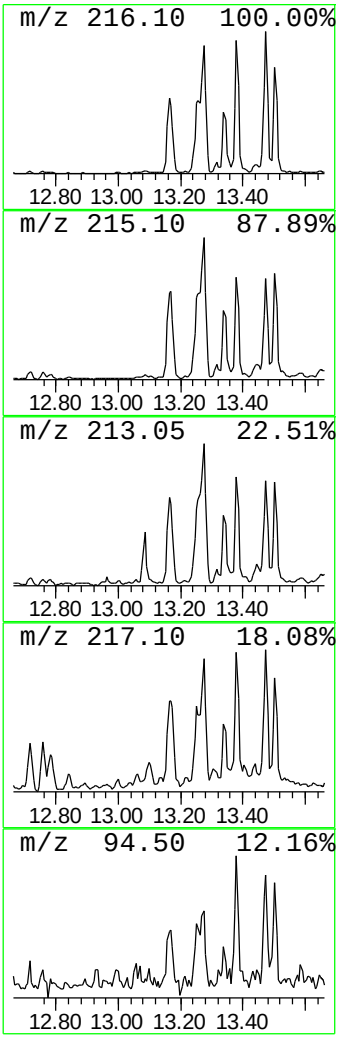
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.76 ng	481725	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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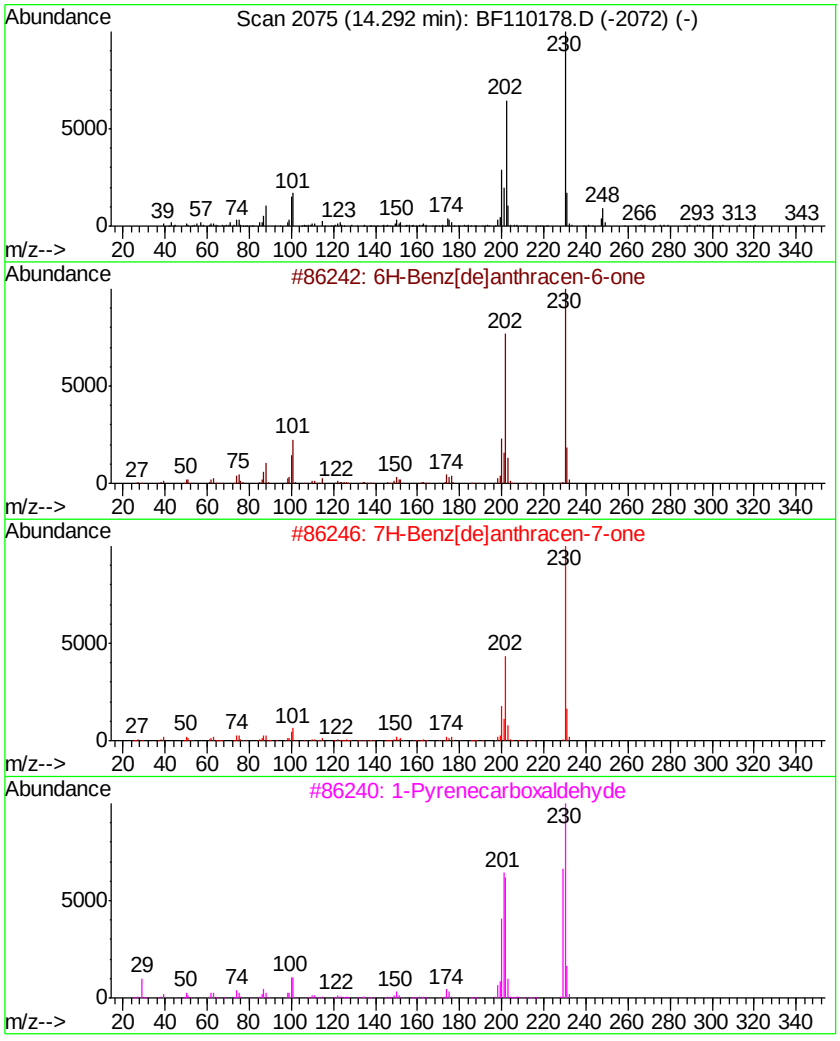
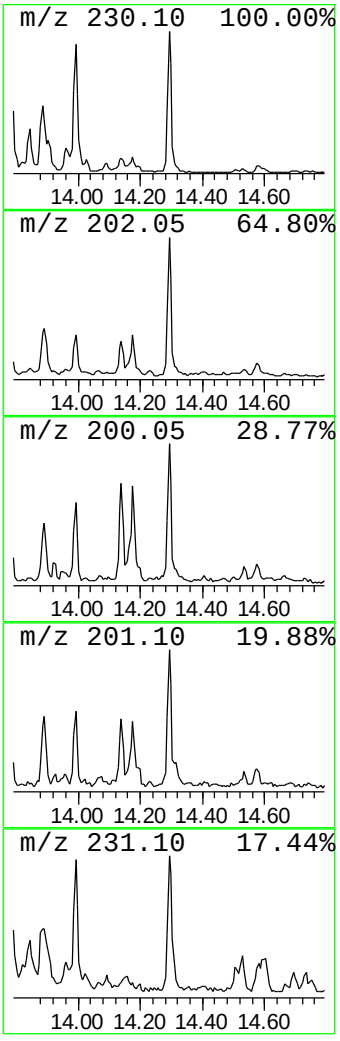
Peak Number 16 6H-Benz[de]anthracen-6-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.63 ng	467815	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	90
4	Fluoranthene	202	C16H10	000206-44-0	76
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	70





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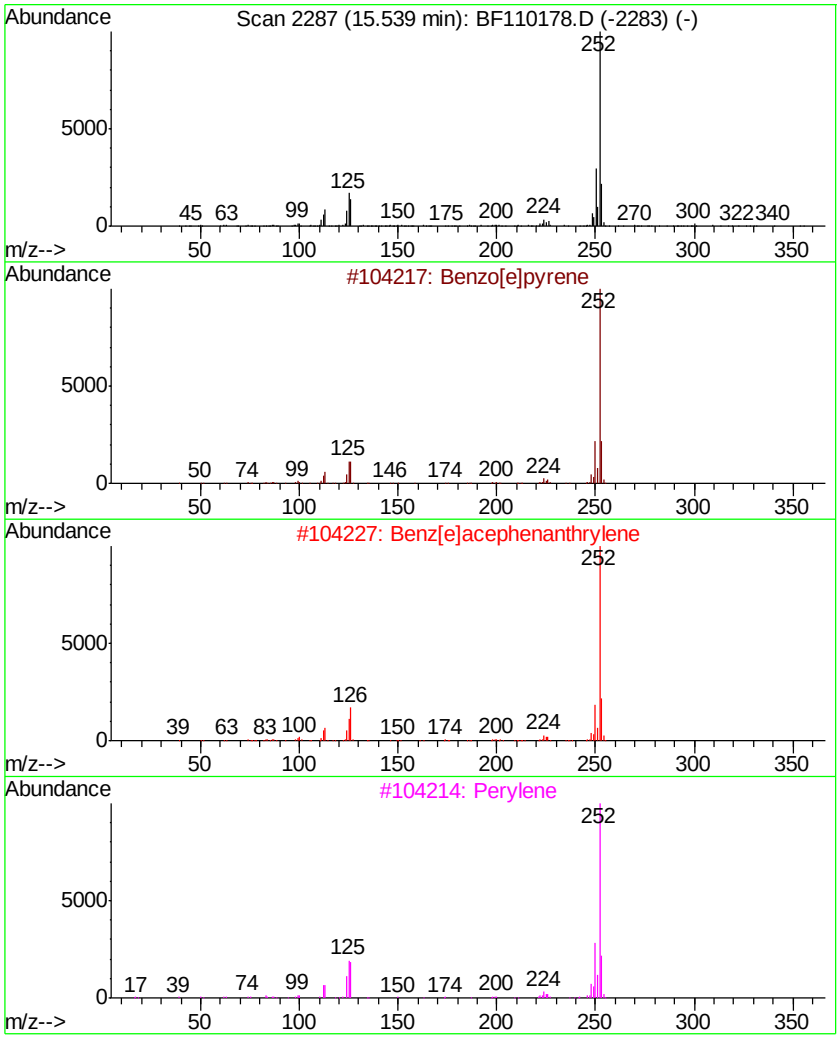
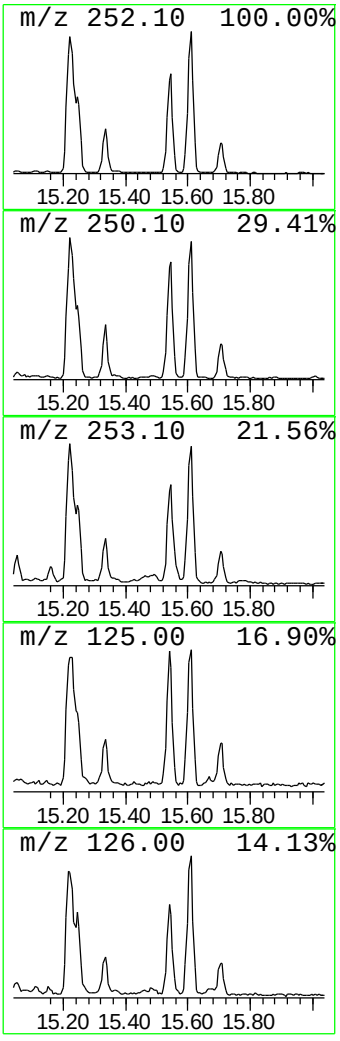
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	12.56 ng	512054	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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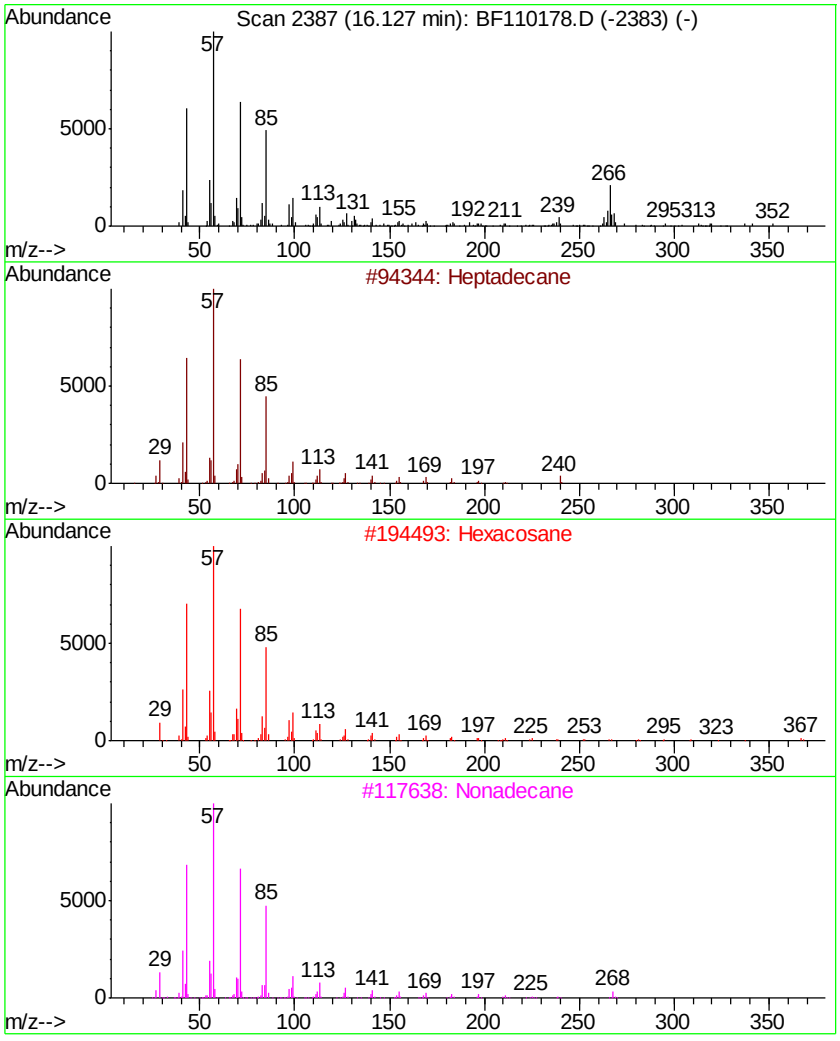
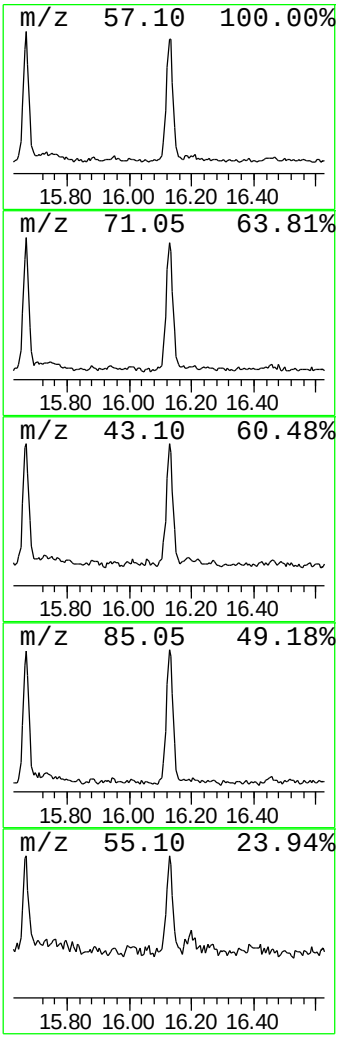
Peak Number 19 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	7.97 ng	324652	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexacosane	366	C26H54	000630-01-3	93
3	Nonadecane	268	C19H40	000629-92-5	89
4	Pentacosane	352	C25H52	000629-99-2	83
5	Tetracosane	338	C24H50	000646-31-1	76





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Instrument : BNA_F
ClientSampleId : DW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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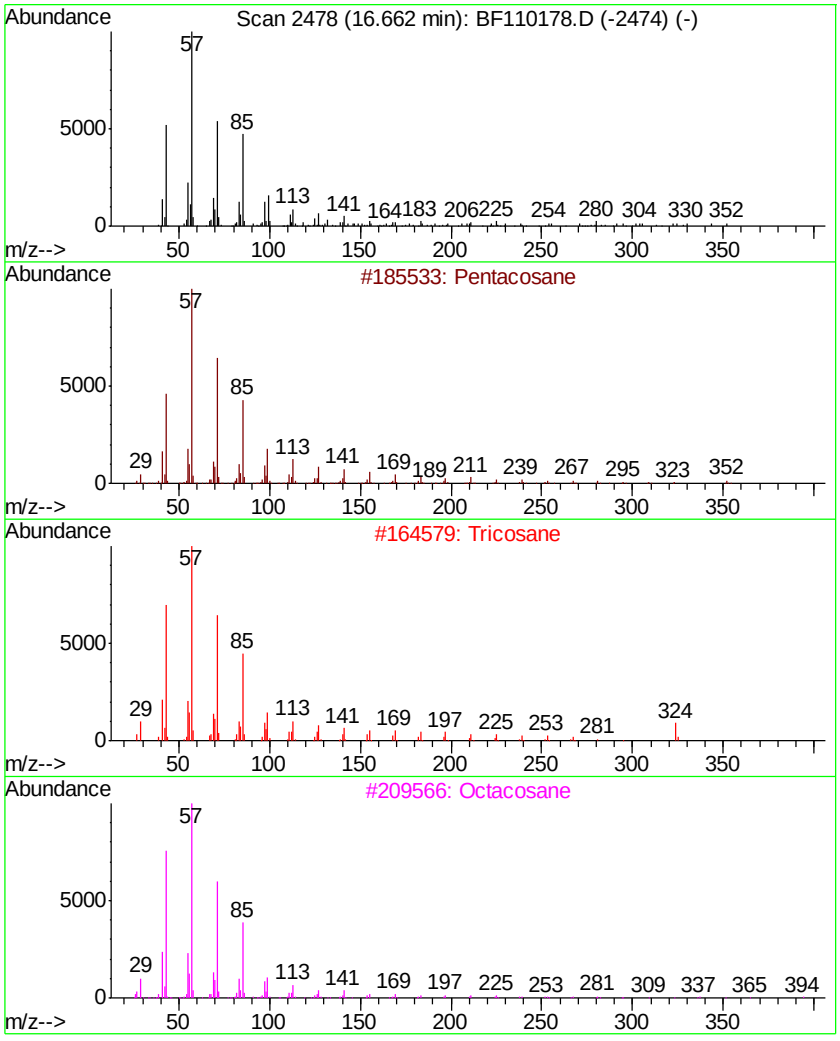
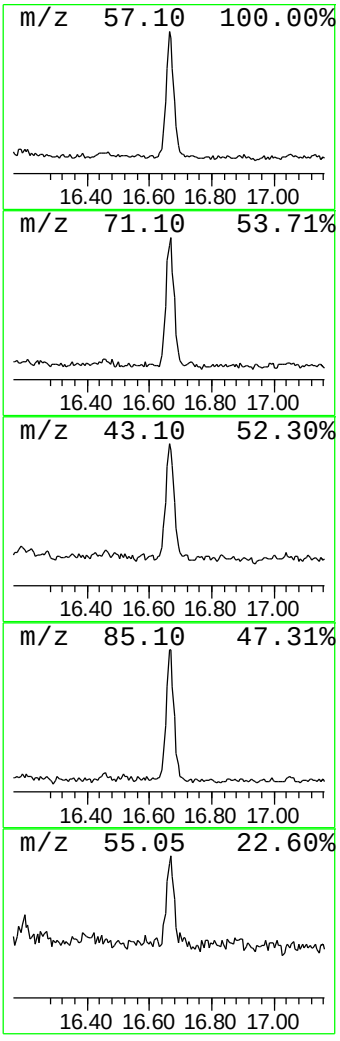
Peak Number 20 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	6.16 ng	251158	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	93
2	Tricosane	324	C23H48	000638-67-5	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane	282	C20H42	000112-95-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110178.D
Acq On : 25 Oct 2018 23:24
Operator : JU/SJ
Sample : J5625-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.32	12.2	ng	531442	1	6.96	875021	20.0
unknown6.73	6.73	64.8	ng	2836180	1	6.96	875021	20.0
1,4,5,8-Tetrameth...	10.92	4.1	ng	183421	4	11.50	895845	20.0
Phenanthrene, 2-m...	12.00	9.3	ng	416282	4	11.50	895845	20.0
Anthracene, 2-met...	12.03	9.3	ng	414378	4	11.50	895845	20.0
4H-Cyclopenta[def...	12.12	16.8	ng	750324	4	11.50	895845	20.0
1H-Indene, 1-phenyl-	12.14	6.8	ng	306795	4	11.50	895845	20.0
Naphthalene, 2-ph...	12.30	4.5	ng	203125	4	11.50	895845	20.0
9,10-Anthracenedione	12.32	4.3	ng	193819	4	11.50	895845	20.0
Phenanthrene, 2,5...	12.55	12.7	ng	569311	4	11.50	895845	20.0
Acephenanthrylene...	12.59	7.2	ng	320335	4	11.50	895845	20.0
Cyclopenta(def)ph...	12.64	9.0	ng	402086	4	11.50	895845	20.0
Pyrene, 1-methyl-	13.16	4.8	ng	481725	5	14.15	2022090	20.0
6H-Benz[de]anthra...	14.29	4.6	ng	467815	5	14.15	2022090	20.0
Benzo[e]pyrene	15.54	12.6	ng	512054	6	15.67	815107	20.0
Heptadecane	16.13	8.0	ng	324652	6	15.67	815107	20.0
Pentacosane	16.66	6.2	ng	251158	6	15.67	815107	20.0