LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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	34	39	47	rVB	427475	585386	15.74%	1.419%
2	3.599	255	257	268	rBV	25443	68191	1.83%	0.165%
3	5.210	527	531	538	rBV	138822	182909	4.92%	0.443%
4	5.593	589	596	599	rBV	3312513	3281872	88.24%	7.957%
5	5.816	631	634	639	rBV2	58397	78339	2.11%	0.190%
6	6.592	759	766	772	rBV2	3139191	3719302	100.00%	9.017%
7	6.739	786	791	794	rBV	3512280	3388604	91.11%	8.216%
8	6.792	797	800	805	rBV3	99614	119128	3.20%	0.289%
9	6.963	826	829	833	rBV	1130221	988722	26.58%	2.397%
10	7.122	852	856	859	rBV	2997011	2658246	71.47%	6.445%
11	7.228	868	874	878	rBV3	39114	52618	1.41%	0.128%
12	7.528	920	925	928	rBV	2126341	2176329	58.51%	5.276%
13	7.822	972	975	978	rBV	81786	72575	1.95%	0.176%
14	8.045	1011	1013	1022	rVB3	26374	40182	1.08%	0.097%
15	8.216	1039	1042	1044	rBV	49294	39889	1.07%	0.097%
16	8.251	1044	1048	1050	rBV	1313673	1242185	33.40%	3.012%
17	8.457	1079	1083	1090	rVB	62884	65302	1.76%	0.158%
18	8.522	1090	1094	1097	rBV	89237	92002	2.47%	0.223%
19	8.822	1139	1145	1154	rVB	59713	75028	2.02%	0.182%
20	8.963	1165	1169	1172	rVB2	163203	145745	3.92%	0.353%
21	9.063	1182	1186	1189	rBV	102145	98698	2.65%	0.239%
22	9.322	1224	1230	1233	rBV	3805660	3442089	92.55%	8.345%
23	9.392	1239	1242	1245	rBV	79065	68248	1.83%	0.165%
24	9.422	1245	1247	1250	rVV	50646	42124	1.13%	0.102%
25	9.451	1250	1252	1261	rVB2	29706	47042	1.26%	0.114%
26	9.586	1271	1275	1279	rVB	53894	74166	1.99%	0.180%
27	9.663	1284	1288	1290	rBV	81651	79951	2.15%	0.194%
28	9.710	1294	1296	1304	rVB	570843	548901	14.76%	1.331%
29	9.780	1304	1308	1310	rBV	43281	46429	1.25%	0.113%
30	9.869	1319	1323	1328	rBV	135420	127106	3.42%	0.308%
31	9.922	1328	1332	1334	rVB	83244	74256	2.00%	0.180%
32	10.010	1343	1347	1350	rVV	1426181	1208043	32.48%	2.929%
33	10.039	1350	1352	1354	rVB	63390	46897	1.26%	0.114%
34	10.163	1368	1373	1375	rBV3	35670	54816	1.47%	0.133%

LSC Area Percent Report

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Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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	10.210	1377	1381	1384	rVV2	76828	88637	2.38%	0.215%
36	10.245	1384	1387	1390	rVB2	49823	44370	1.19%	0.108%
37	10.322	1396	1400	1402	rBV2	44560	50598	1.36%	0.123%
38	10.351	1402	1405	1410	rVB	36428	43748	1.18%	0.106%
39	10.422	1410	1417	1421	rBV2	101837	146690	3.94%	0.356%
40	10.551	1436	1439	1445	rVB4	43493	79441	2.14%	0.193%
41	10.639	1446	1454	1456	rBV3	50569	73079	1.96%	0.177%
42	10.710	1462	1466	1470	rBV2	32858	47551	1.28%	0.115%
43	10.798	1477	1481	1485	rBV	1949952	1707486	45.91%	4.140%
44	10.910	1495	1500	1508	rVB4	123159	225767	6.07%	0.547%
45	11.104	1528	1533	1536	rBV5	27408	46645	1.25%	0.113%
46	11.227	1550	1554	1557	rBV4	40563	68748	1.85%	0.167%
47	11.304	1564	1567	1570	rBV	61296	54557	1.47%	0.132%
48	11.345	1571	1574	1577	rBV	103368	88635	2.38%	0.215%
49	11.498	1596	1600	1603	rBV	1130858	1069423	28.75%	2.593%
50	11.522	1603	1604	1609	rVB	359750	259330	6.97%	0.629%
51	11.574	1610	1613	1615	rBV	120740	90161	2.42%	0.219%
52	11.657	1624	1627	1629	rBV2	27371	39221	1.05%	0.095%
53	11.727	1636	1639	1643	rBV2	51102	63883	1.72%	0.155%
54	11.774	1644	1647	1649	rVV2	65613	57900	1.56%	0.140%
55	12.004	1683	1686	1688	rBV2	220670	215537	5.80%	0.523%
56	12.027	1688	1690	1694	rVB	156884	133477	3.59%	0.324%
57	12.110	1701	1704	1707	rBV2	144513	163684	4.40%	0.397%
58	12.133	1707	1708	1711	rVB	84205	58542	1.57%	0.142%
59	12.180	1713	1716	1719	rBV2	89611	74956	2.02%	0.182%
60	12.292	1733	1735	1738	rVV	57095	54255	1.46%	0.132%
61	12.321	1738	1740	1744	rVB2	50851	47661	1.28%	0.116%
62	12.551	1775	1779	1781	rBV	144114	159472	4.29%	0.387%
63	12.610	1787	1789	1791	rVB	60167	42020	1.13%	0.102%
64	12.639	1791	1794	1798	rBV3	89326	105038	2.82%	0.255%
65	12.716	1803	1807	1811	rBV	691055	564847	15.19%	1.369%
66	12.757	1811	1814	1816	rBV	42845	39065	1.05%	0.095%
67	12.810	1821	1823	1826	rVB	68835	52897	1.42%	0.128%
68	12.945	1840	1846	1852	rBV	746724	829552	22.30%	2.011%
69	12.998	1852	1855	1858	rVB2	71926	81339	2.19%	0.197%
70	13.086	1866	1870	1873	rBV	2307963	2065182	55.53%	5.007%
71	13.157	1879	1882	1889	rBV4	94086	170276	4.58%	0.413%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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	13.251	1894	1898	1899	rVV3	87115	111539	3.00%	0.270%
73	13.268	1899	1901	1904	rVB	117743	127054	3.42%	0.308%
74	13.339	1911	1913	1915	rBV	71767	53069	1.43%	0.129%
75	13.380	1916	1920	1922	rVB2	110708	114530	3.08%	0.278%
76	13.468	1933	1935	1938	rBV	103174	92357	2.48%	0.224%
77	13.504	1938	1941	1944	rVV2	99967	90813	2.44%	0.220%
78	13.551	1946	1949	1952	rVB	330099	262935	7.07%	0.637%
79	13.780	1985	1988	1993	rVB	109556	128372	3.45%	0.311%
80	13.921	2010	2012	2014	rVB	67041	45944	1.24%	0.111%
81	13.963	2014	2019	2022	rBV3	204376	273209	7.35%	0.662%
82	14.104	2041	2043	2045	rBV	98957	82787	2.23%	0.201%
83	14.145	2045	2050	2053	rVV2	1072084	1349939	36.30%	3.273%
84	14.174	2053	2055	2062	rVB	386859	383566	10.31%	0.930%
85	14.286	2072	2074	2077	rVB2	78202	69017	1.86%	0.167%
86	14.533	2113	2116	2119	rVB	146905	125725	3.38%	0.305%
87	14.563	2119	2121	2124	rVV	84199	80438	2.16%	0.195%
88	14.592	2124	2126	2134	rVB4	135311	215310	5.79%	0.522%
89	14.663	2135	2138	2140	rBV	63245	60274	1.62%	0.146%
90	14.910	2177	2180	2183	rVB	119664	116617	3.14%	0.283%
91	15.215	2228	2232	2236	rBV	376768	583927	15.70%	1.416%
92	15.268	2239	2241	2245	rVV	197162	191680	5.15%	0.465%
93	15.333	2249	2252	2256	rVB	69101	72514	1.95%	0.176%
94	15.539	2283	2287	2293	rVB	244033	310824	8.36%	0.754%
95	15.604	2294	2298	2304	rVB	296478	378625	10.18%	0.918%
96	15.674	2305	2310	2314	rBV2	647919	896139	24.09%	2.173%
97	16.127	2383	2387	2392	rVB	168059	265345	7.13%	0.643%
98	16.668	2475	2479	2485	rVB2	76892	135074	3.63%	0.327%
99	17.227	2569	2574	2580	rVB2	115769	206170	5.54%	0.500%
100	17.703	2650	2655	2663	rVB	98299	186931	5.03%	0.453%

Sum of corrected areas: 41245714

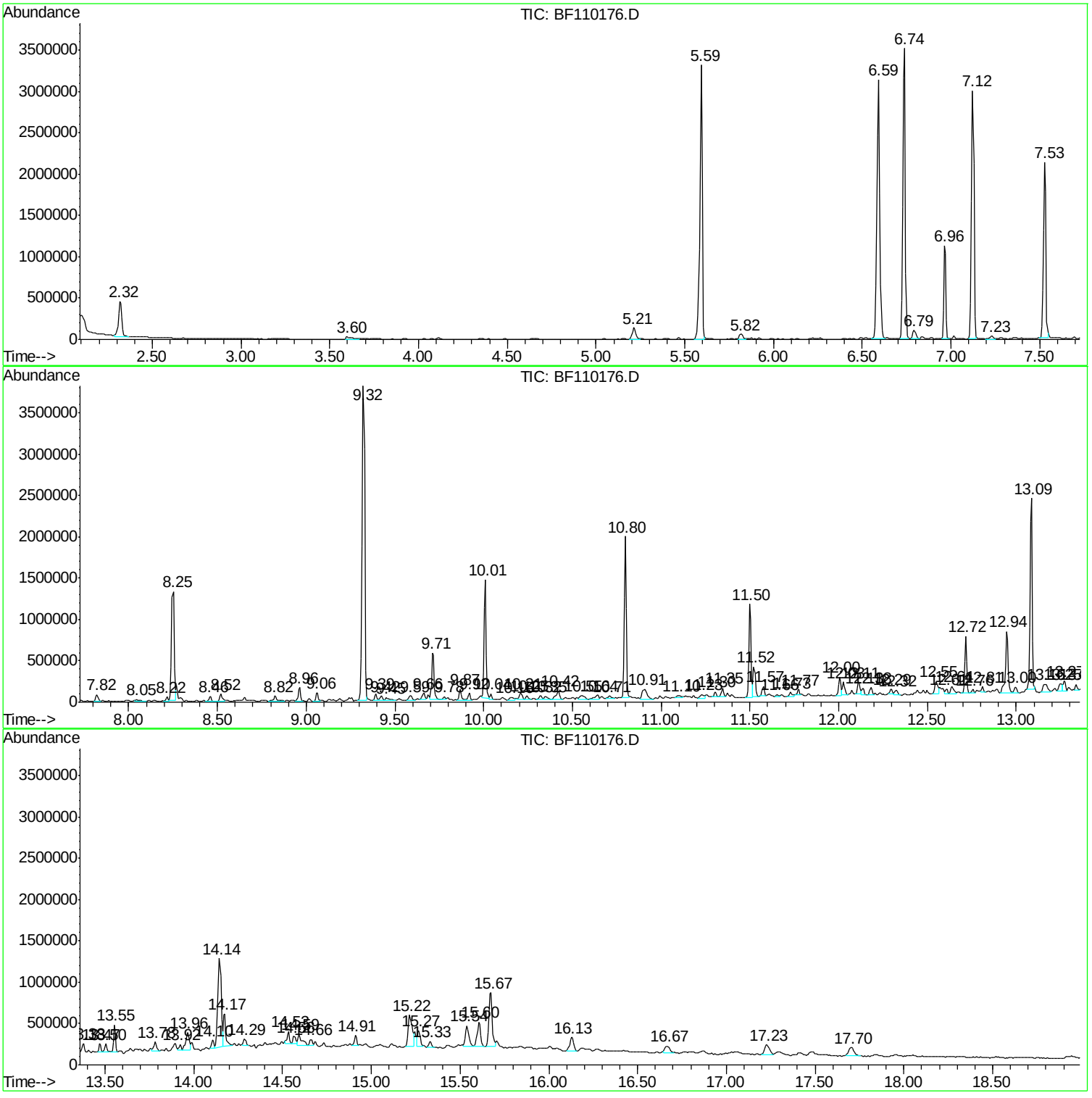
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
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Instrument : BNA_F
ClientSampleId : DW-06

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

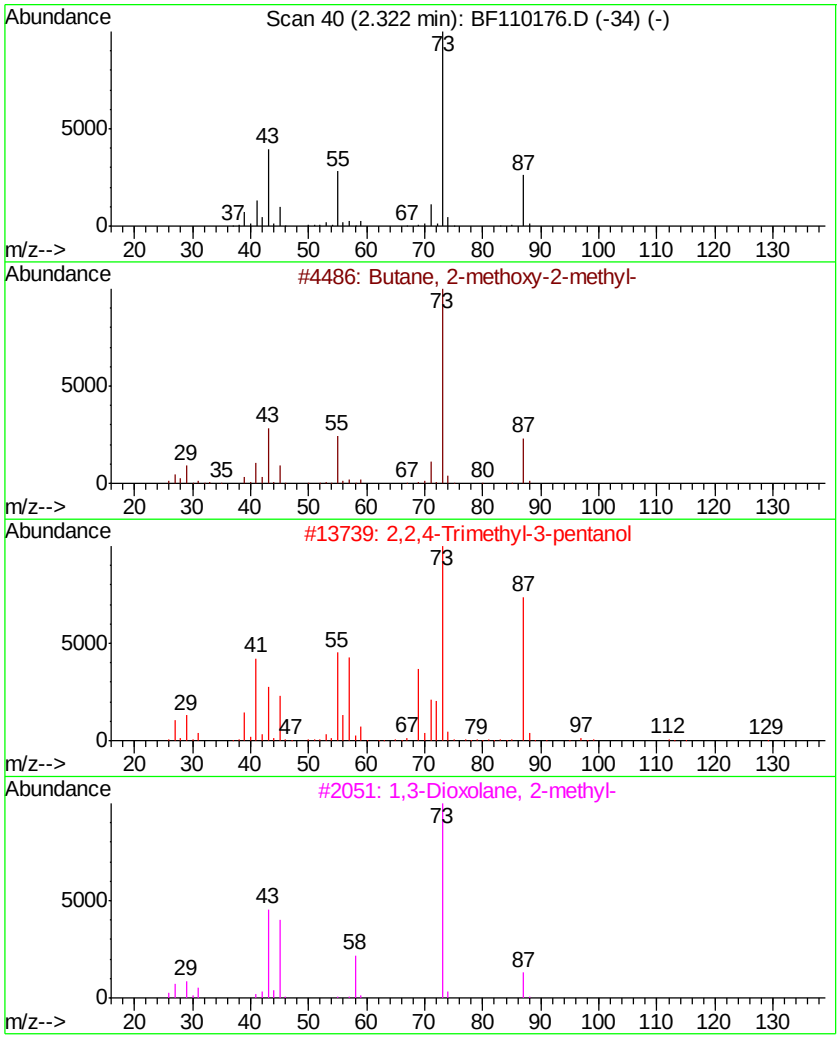
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

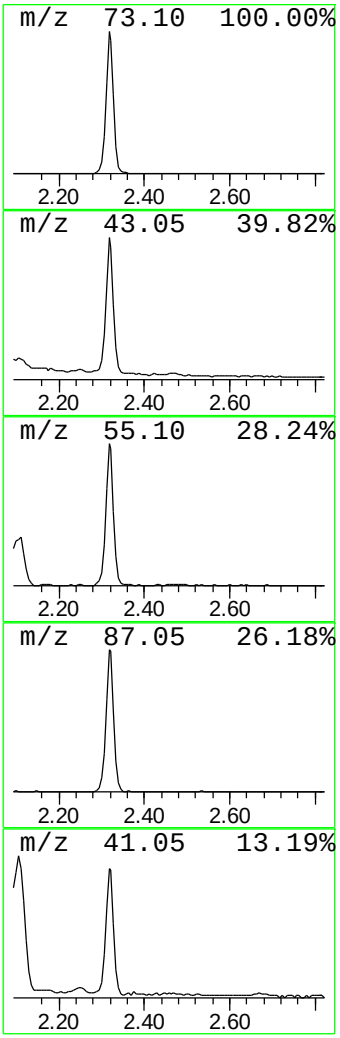
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	11.84 ng	585386	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

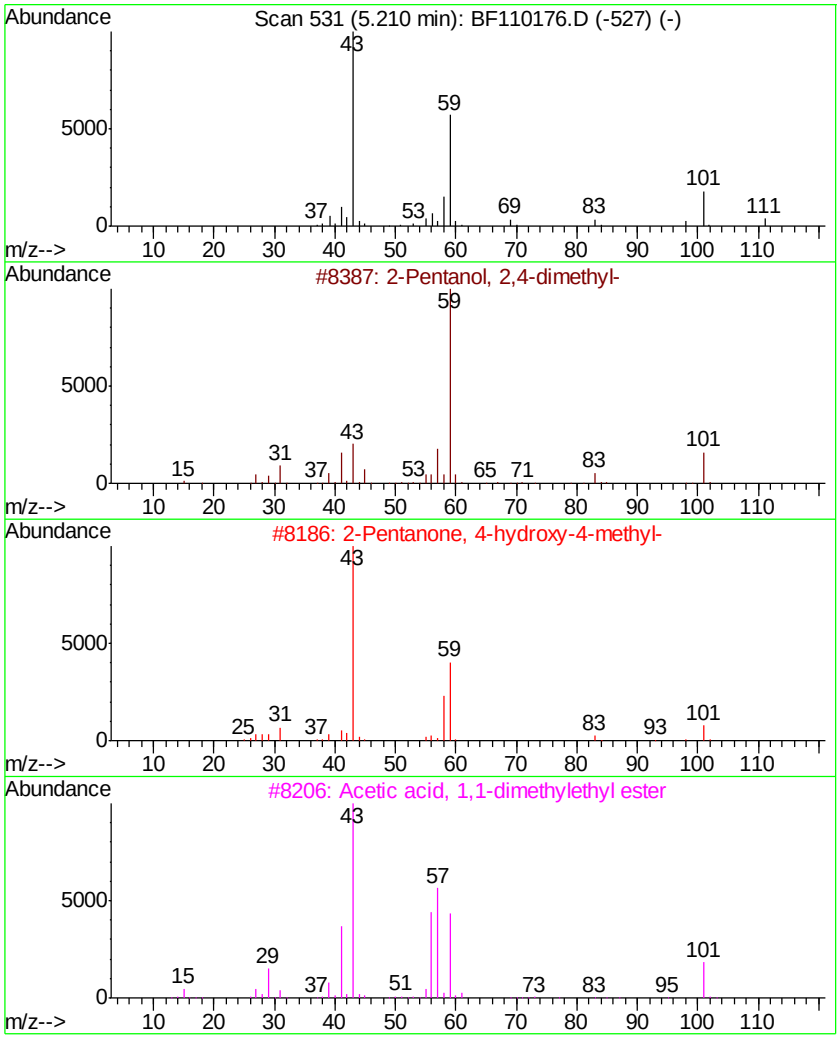
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

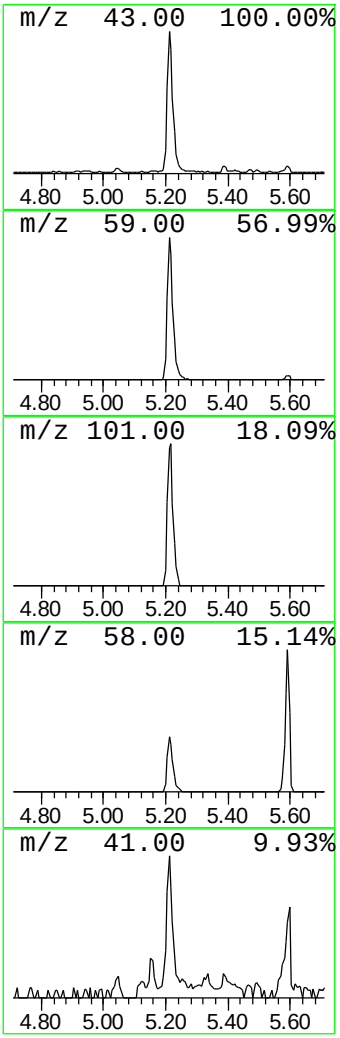
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	3.70 ng	182909	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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

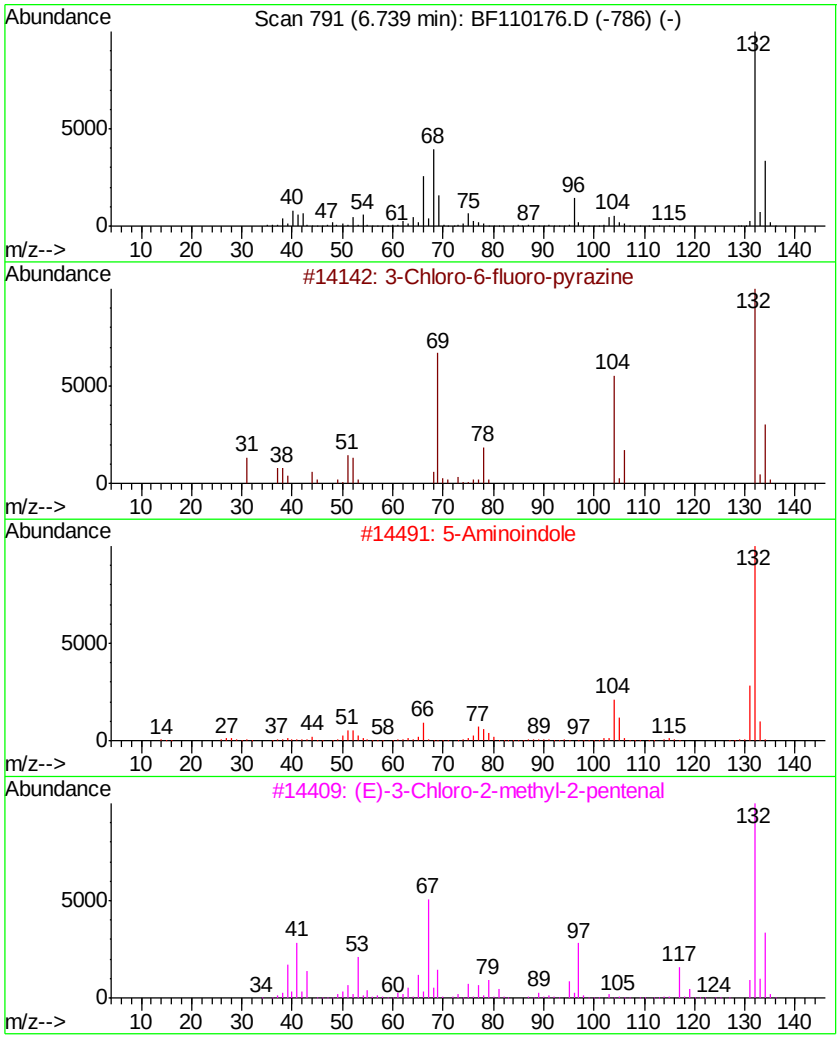
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

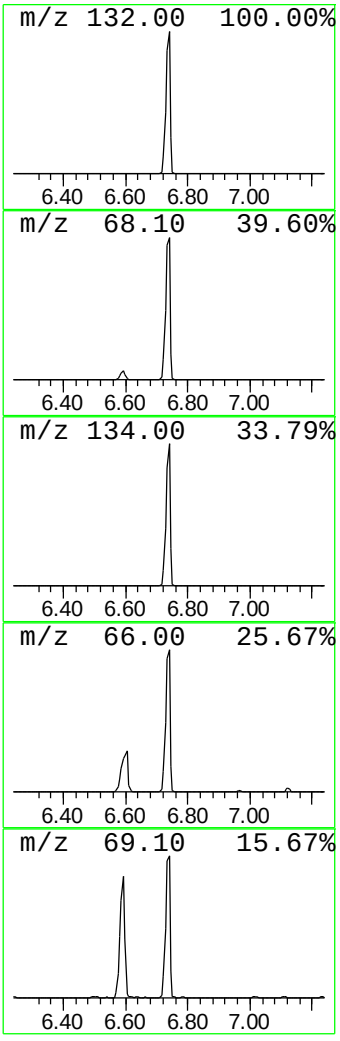
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	68.55 ng	3388600	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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

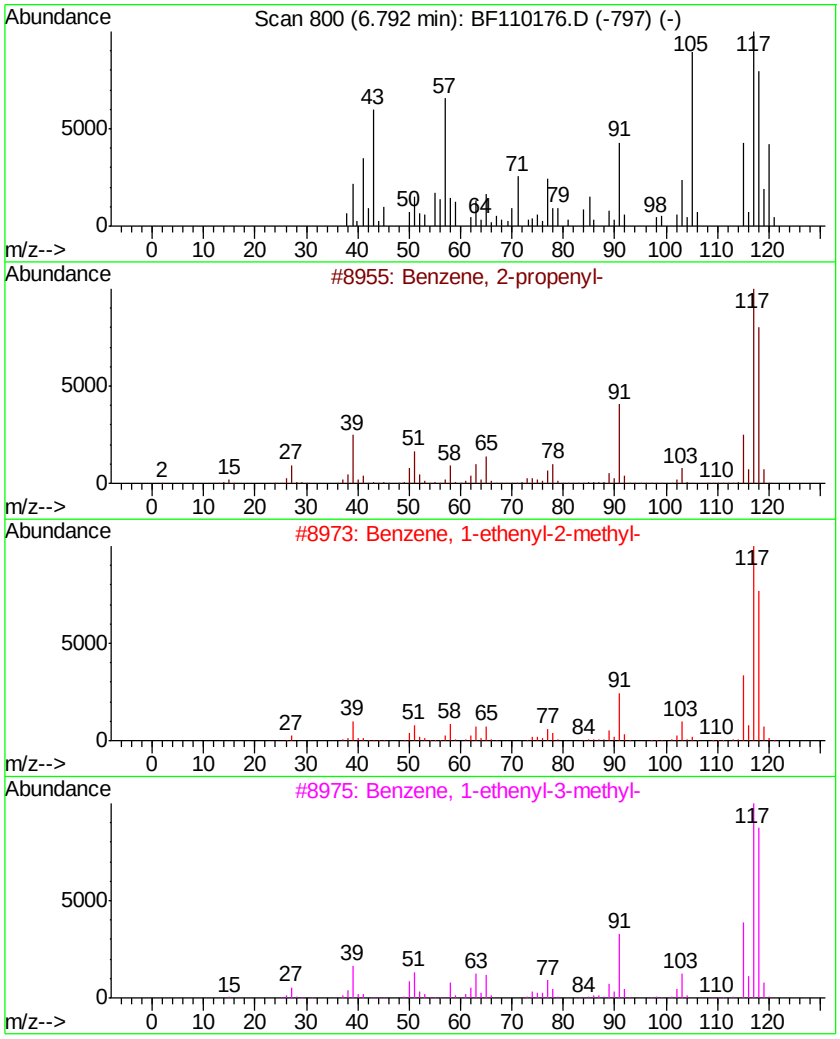
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

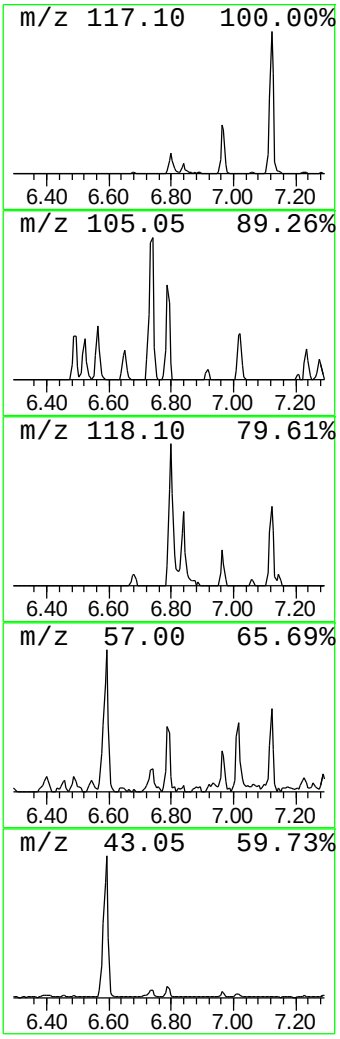
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.41 ng	119128	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	50
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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

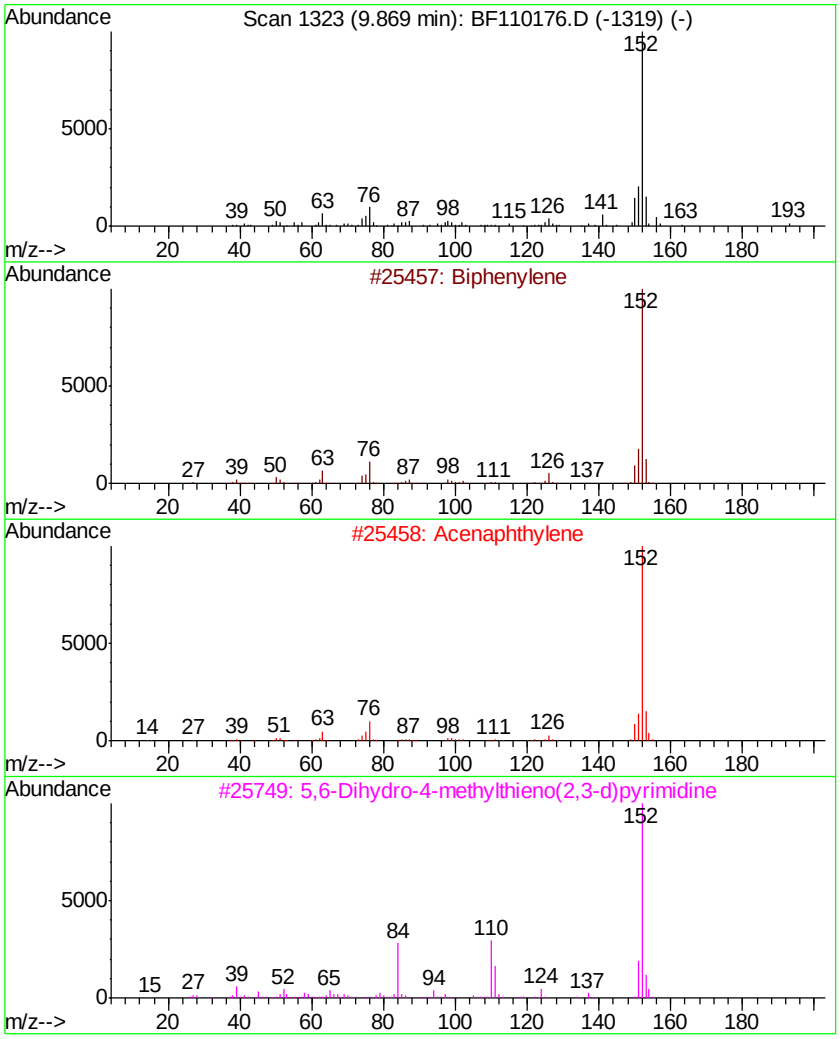
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

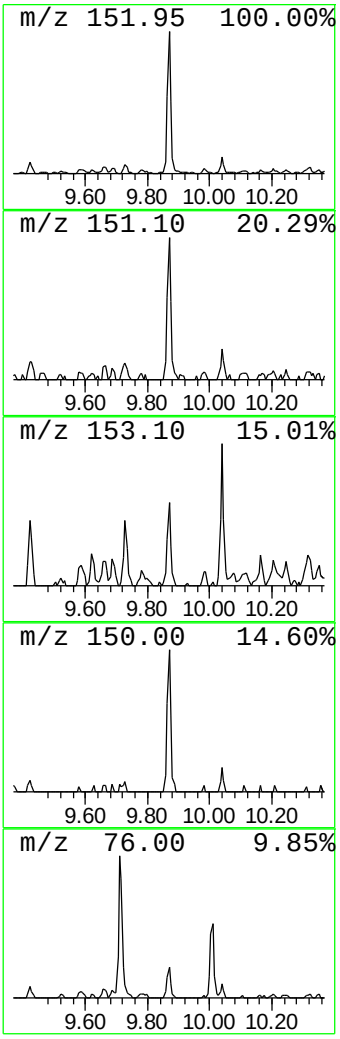
****

Peak Number 6 Biphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.10 ng	127106	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	87
2	Acenaphthylene	152	C12H8	000208-96-8	81
3	5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	53
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	50
5	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	45





Library Search Compound Report

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Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
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Instrument : BNA_F
ClientSampleId : DW-06

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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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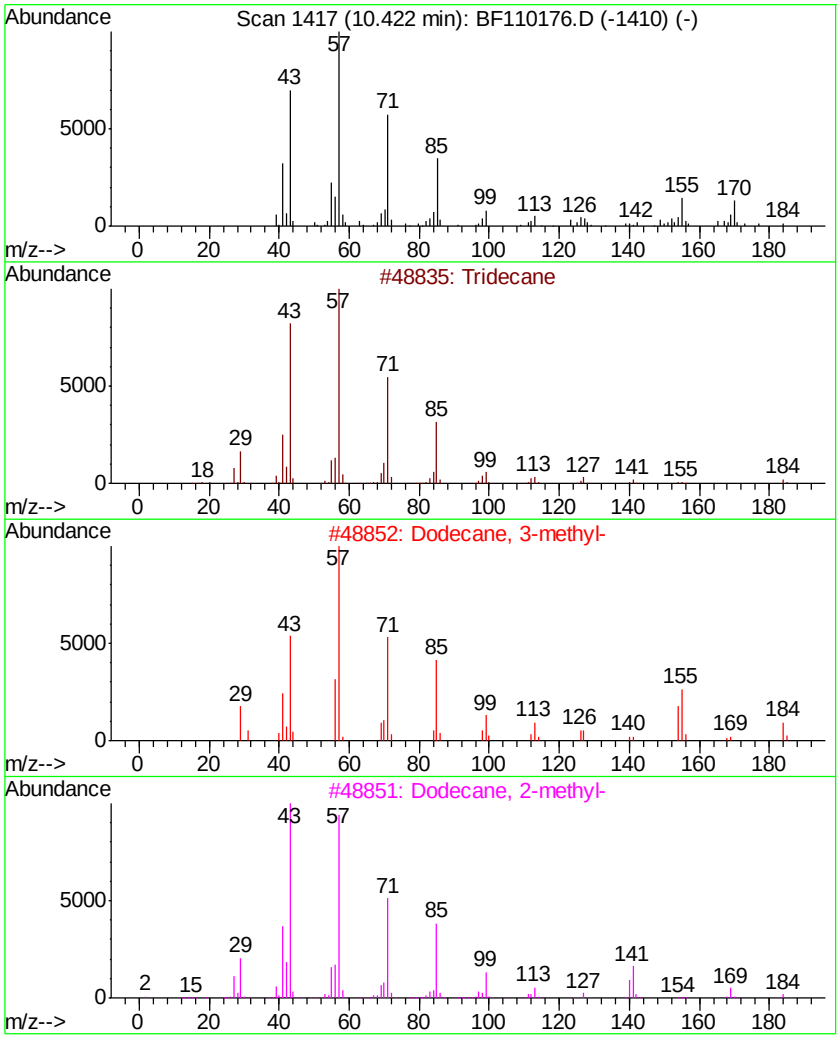
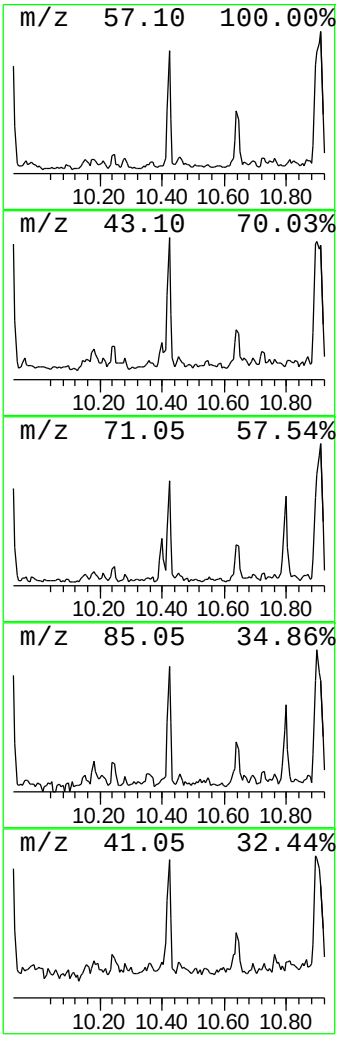
Peak Number 7 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.43 ng	146690	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5	Pentadecane	212	C15H32	000629-62-9	58





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ClientSampleId : DW-06

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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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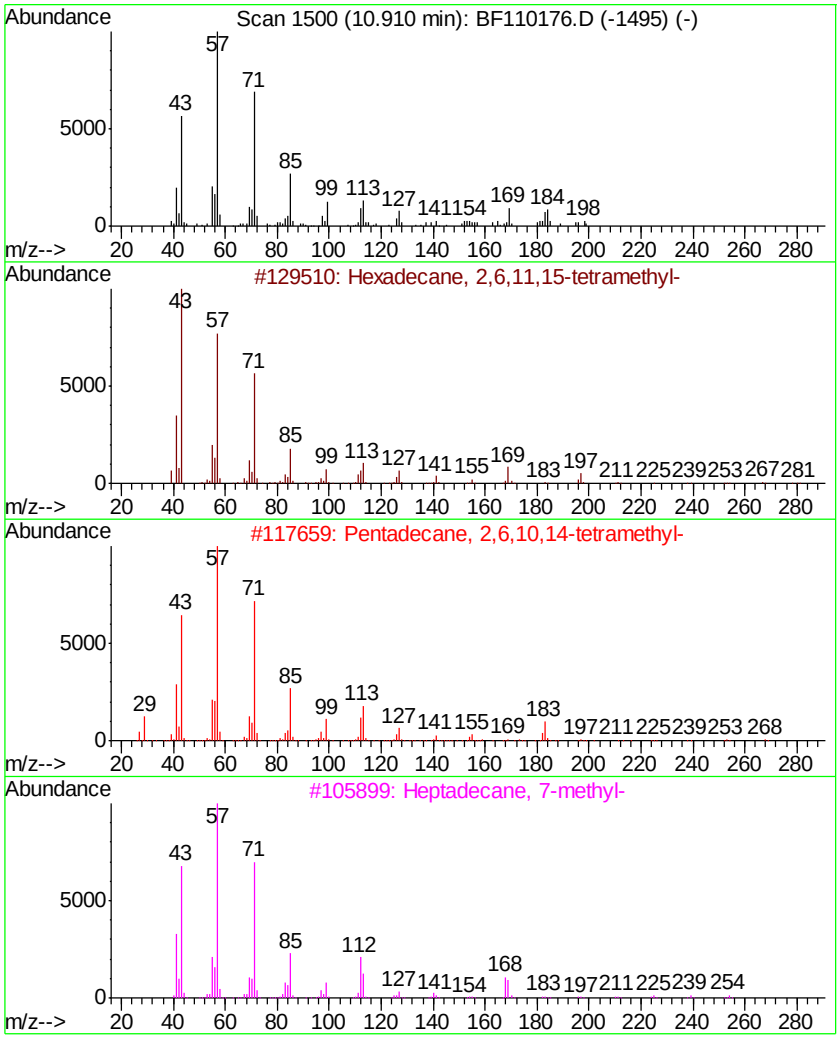
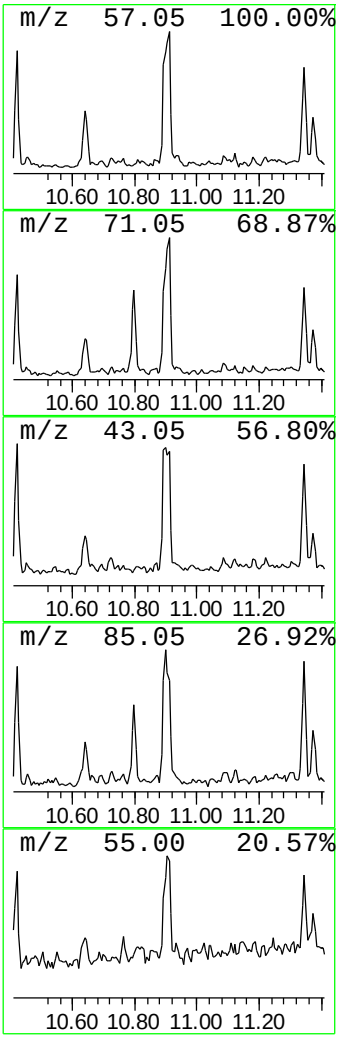
Peak Number 8 Hexadecane, 2,6,11,15-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	4.22 ng	225767	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74





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ClientSampleId : DW-06

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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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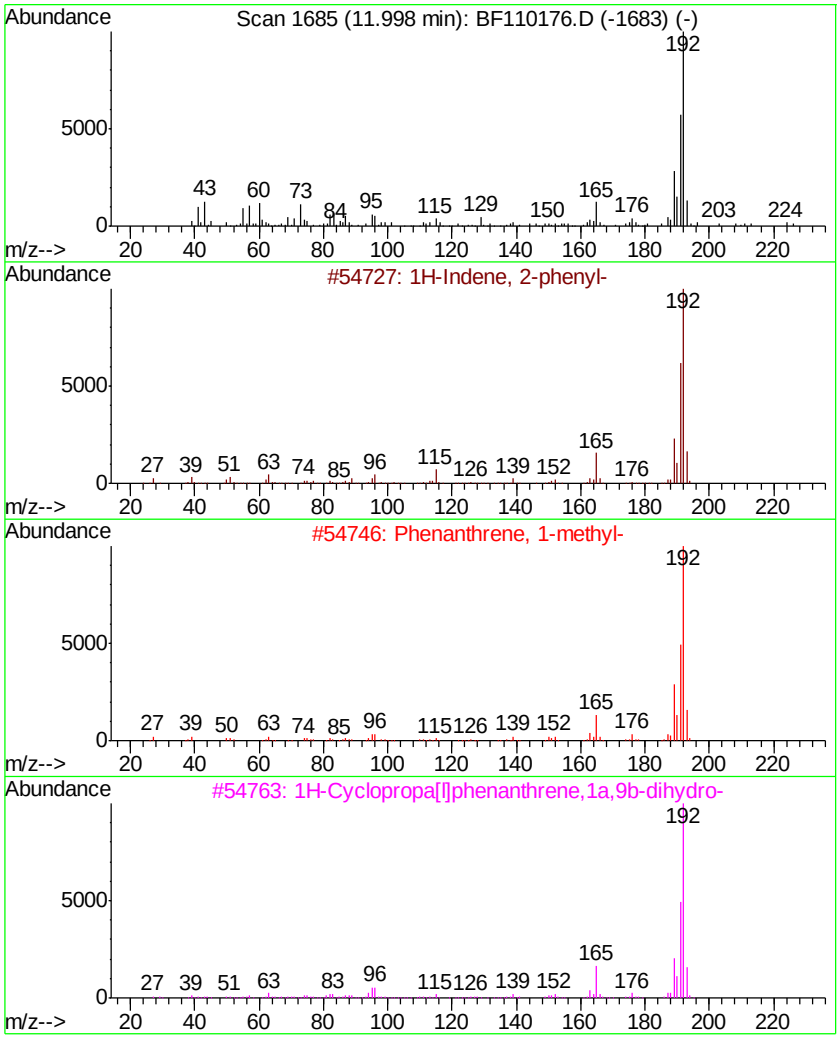
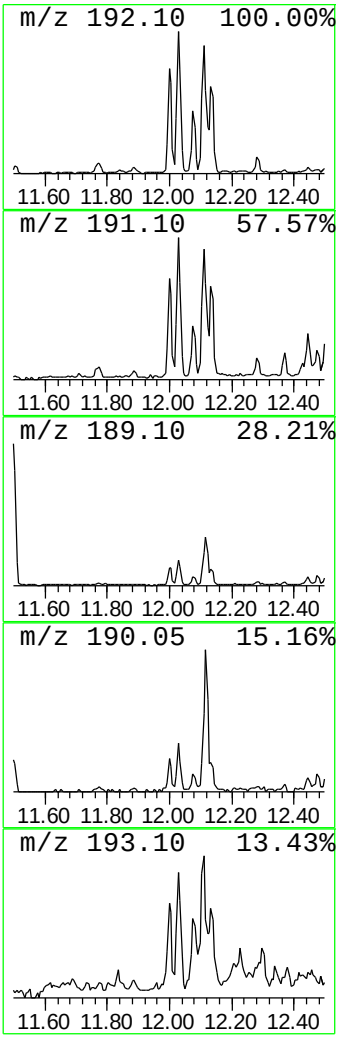
Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.03 ng	215537	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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ClientSampleId : DW-06

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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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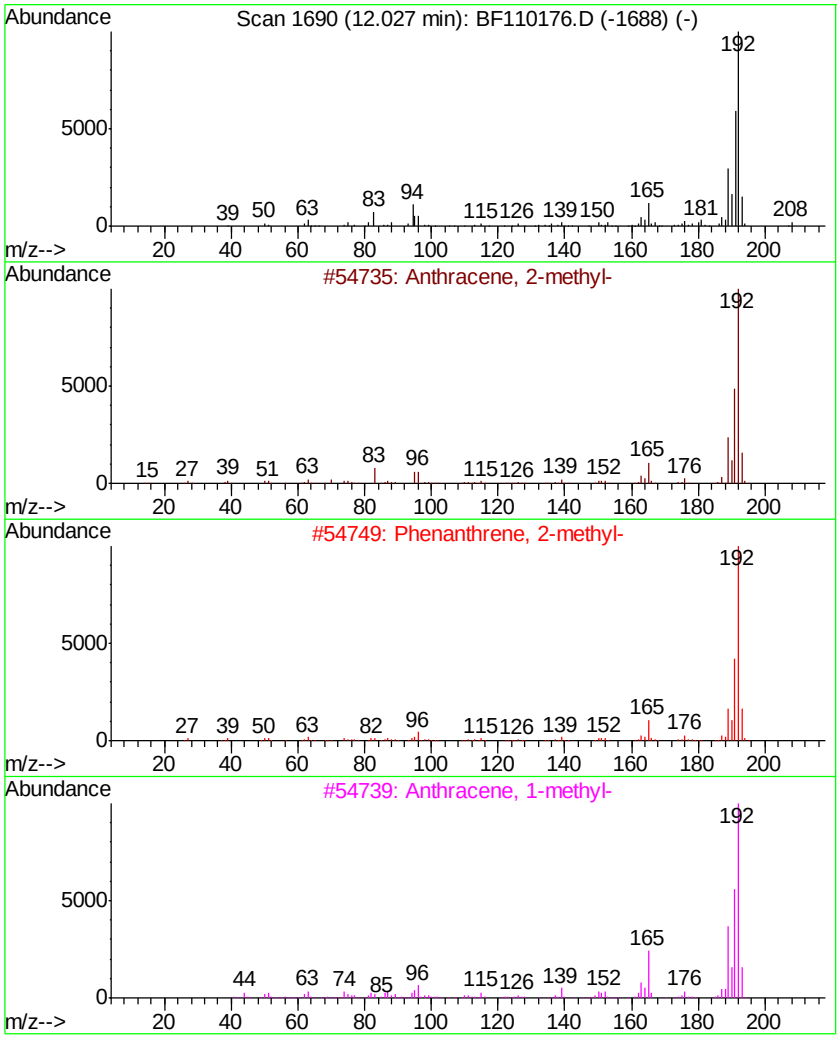
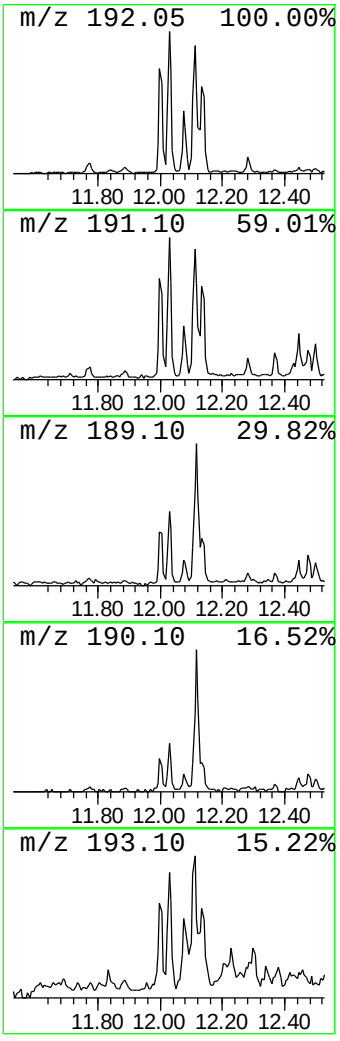
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.50 ng	133477	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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ClientSampleId : DW-06

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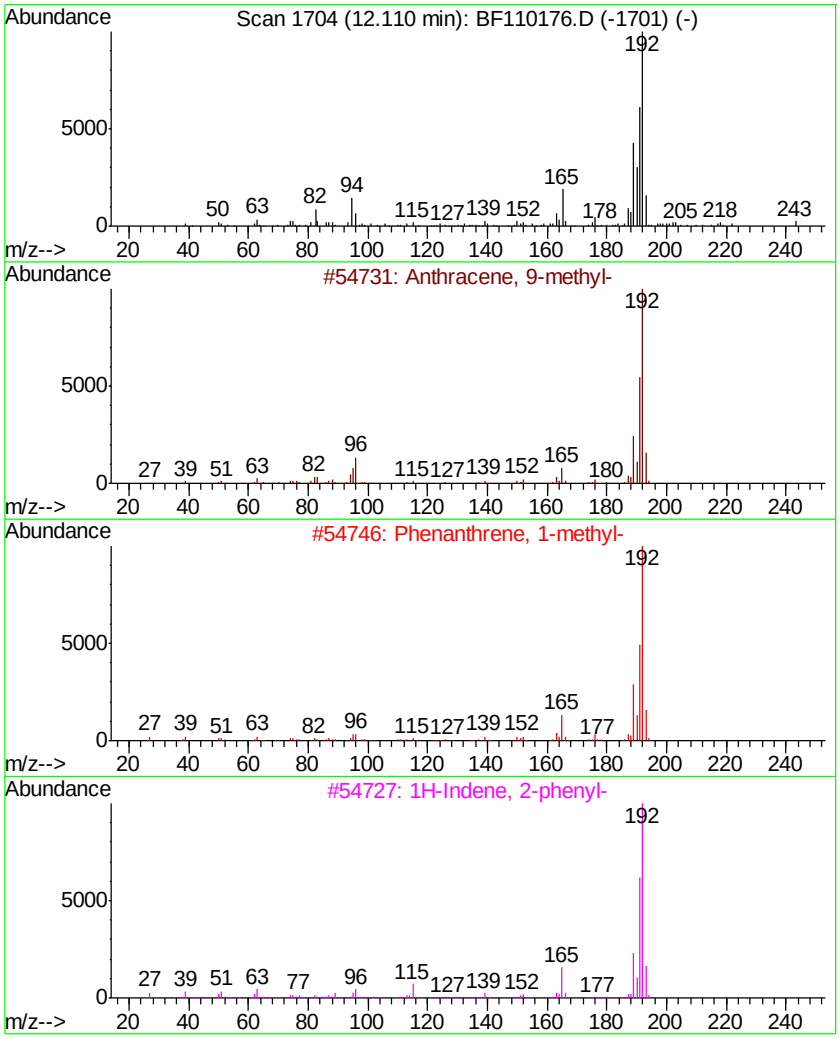
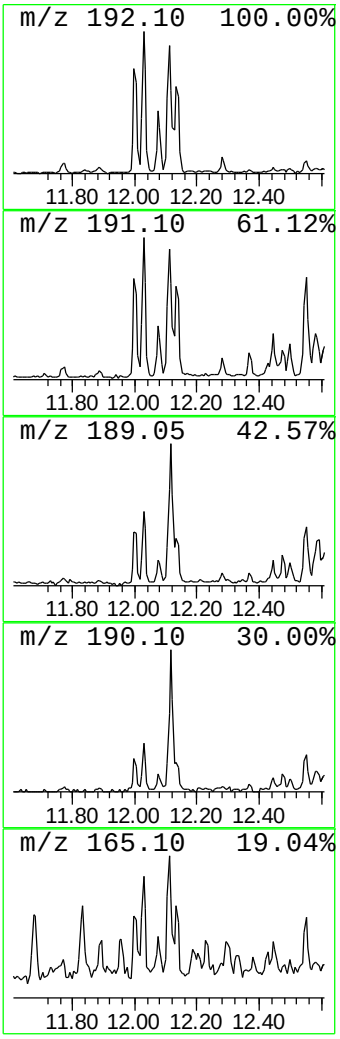
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.06 ng	163684	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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ClientSampleId : DW-06

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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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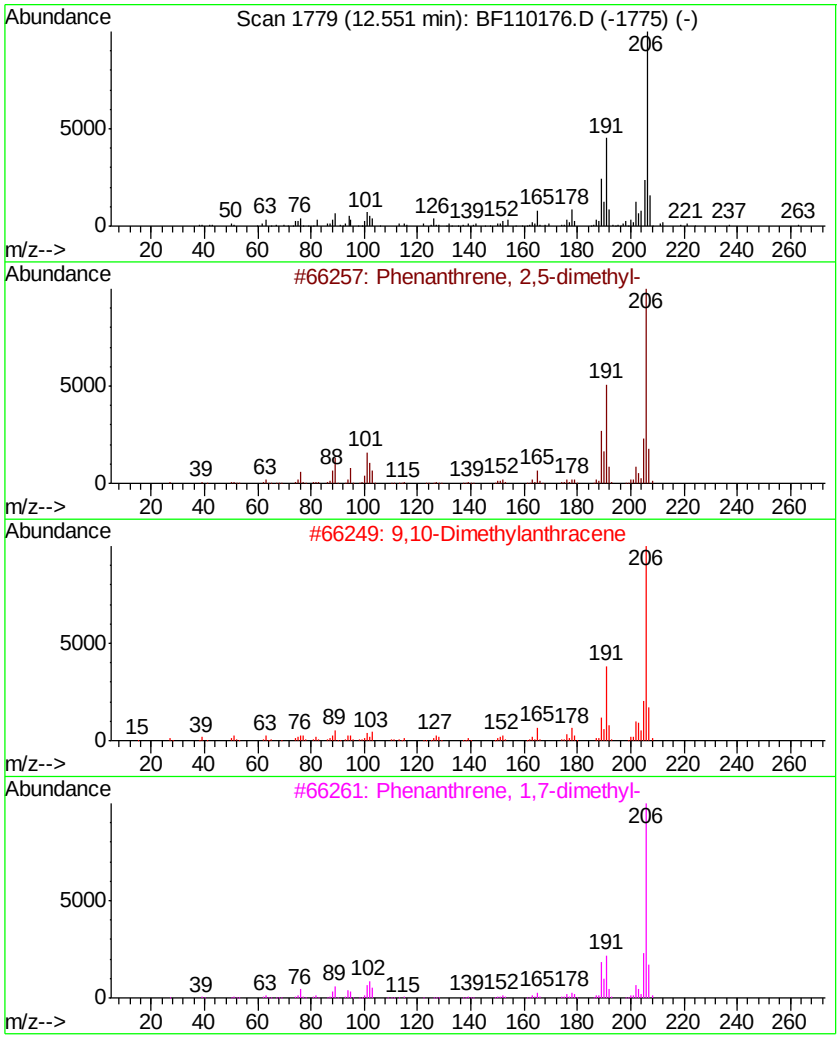
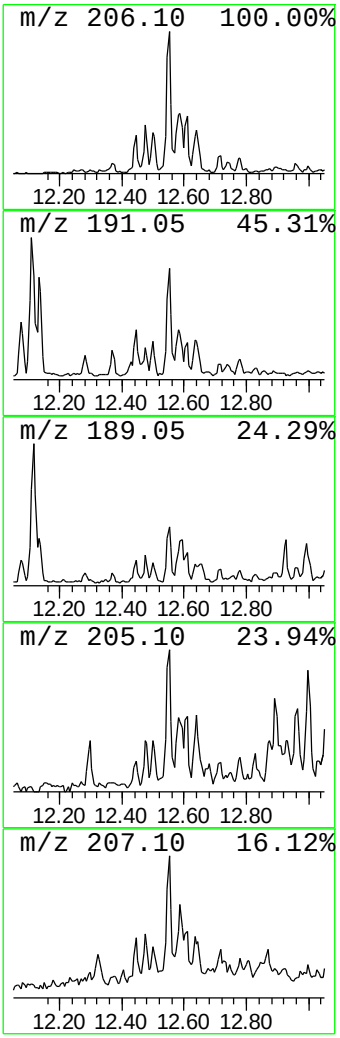
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.98 ng	159472	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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ClientSampleId : DW-06

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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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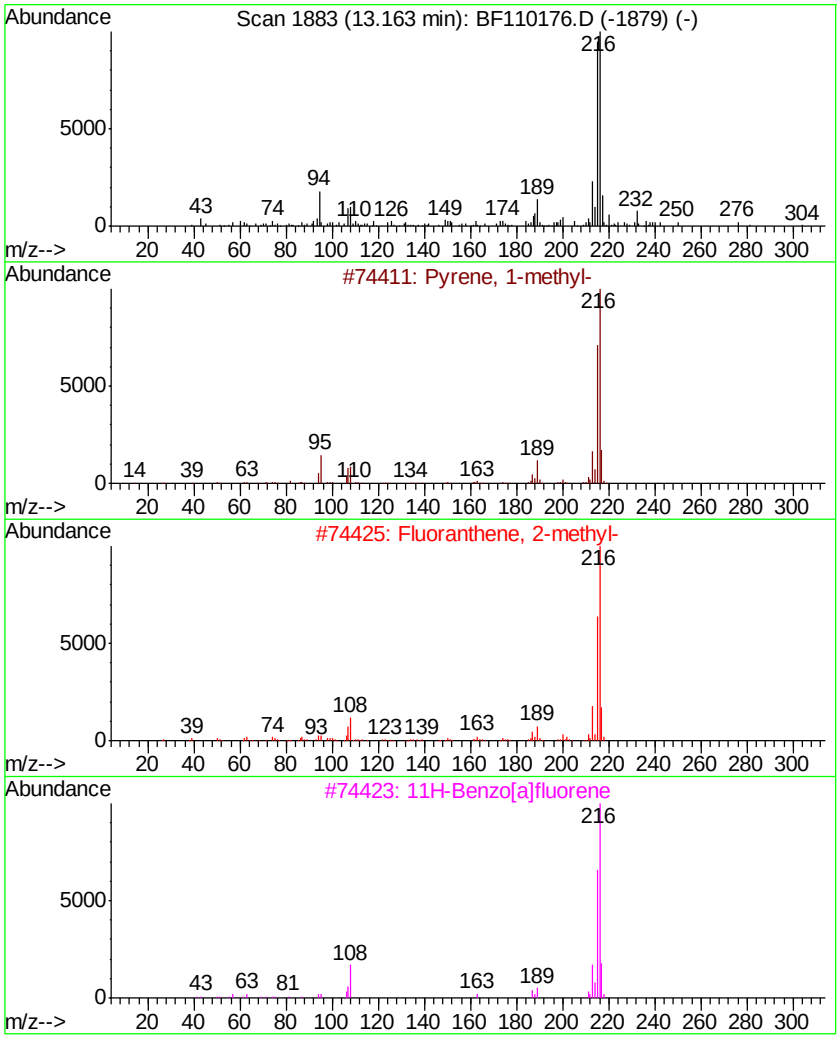
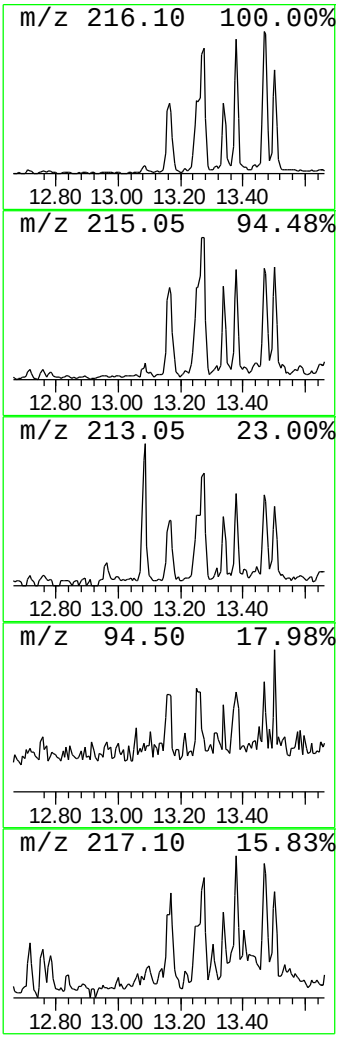
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.52 ng	170276	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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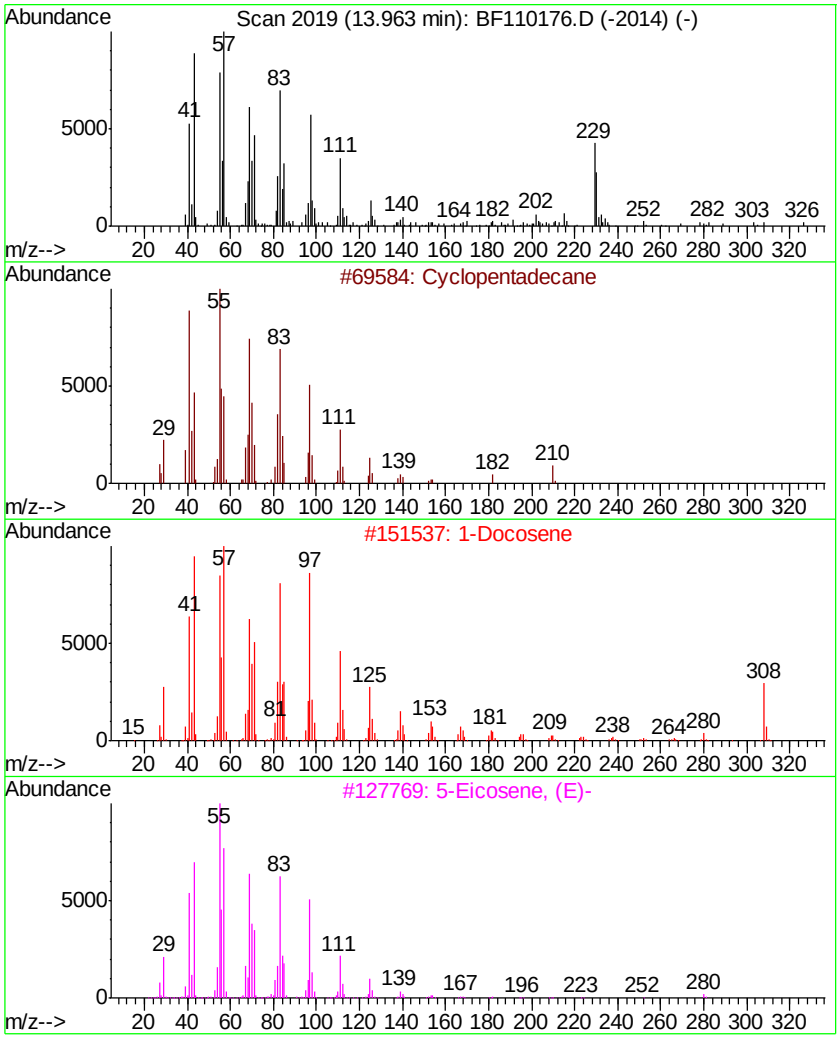
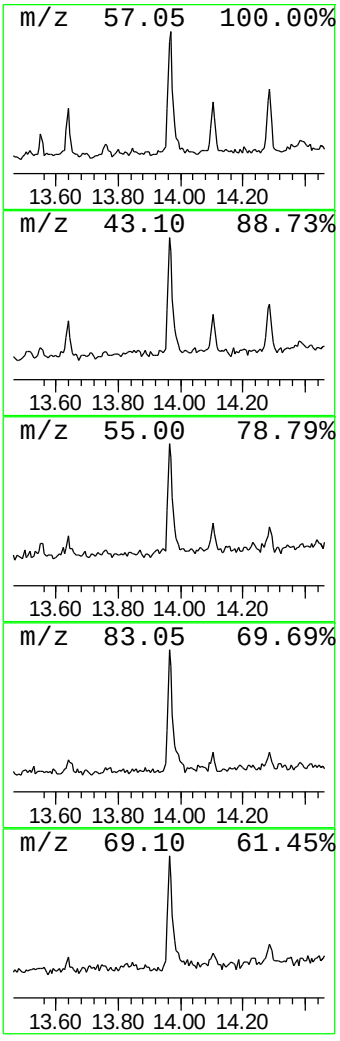
Peak Number 14 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.05 ng	273209	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Docosene	308	C22H44	001599-67-3	92
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5	1-Octadecene	252	C18H36	000112-88-9	83





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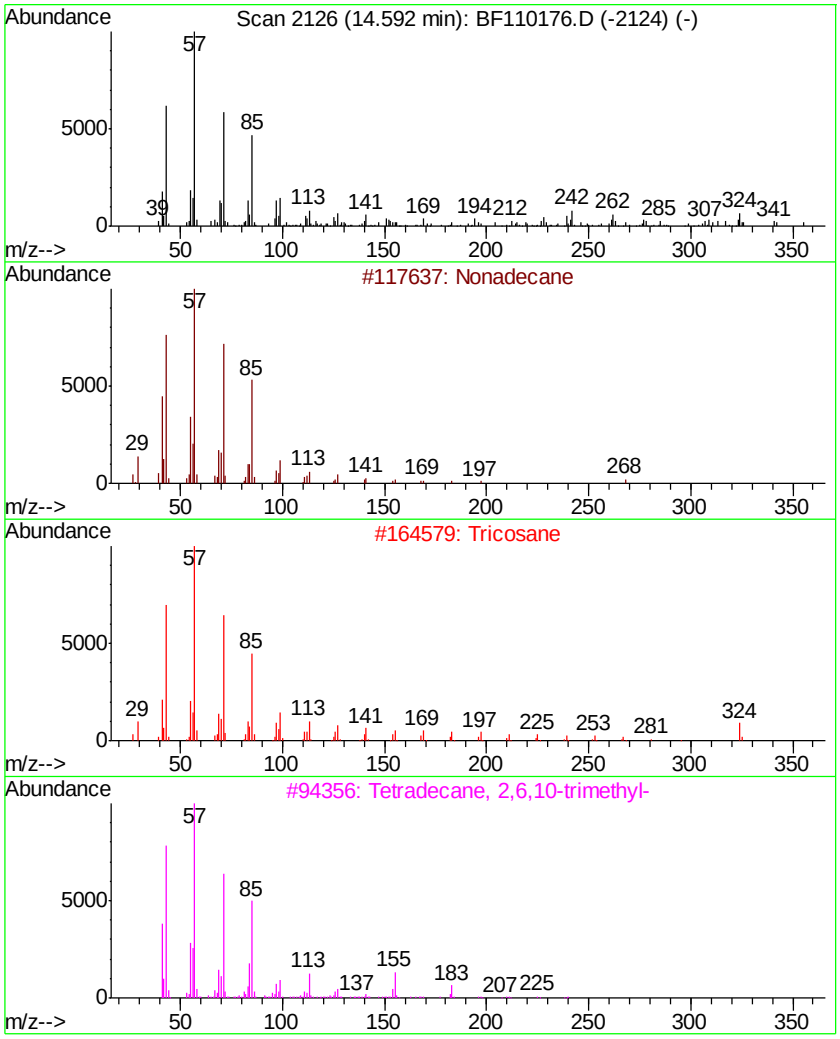
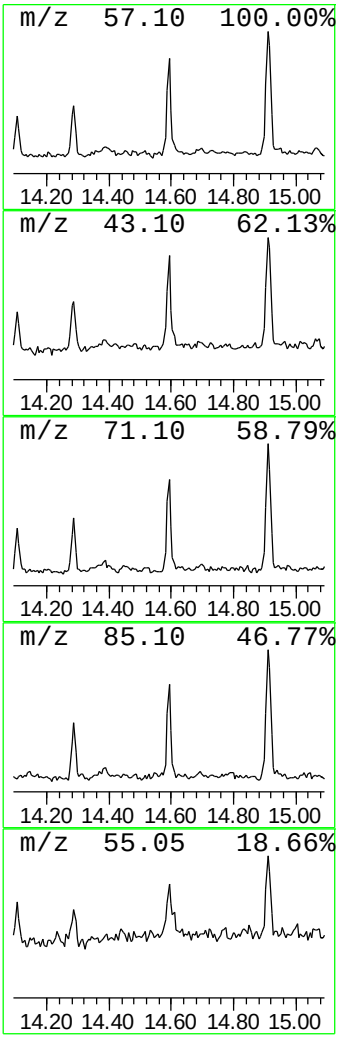
Peak Number 15 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.19 ng	215310	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tricosane	324	C23H48	000638-67-5	93
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Pentadecane	212	C15H32	000629-62-9	89
5	Tetracosane	338	C24H50	000646-31-1	87





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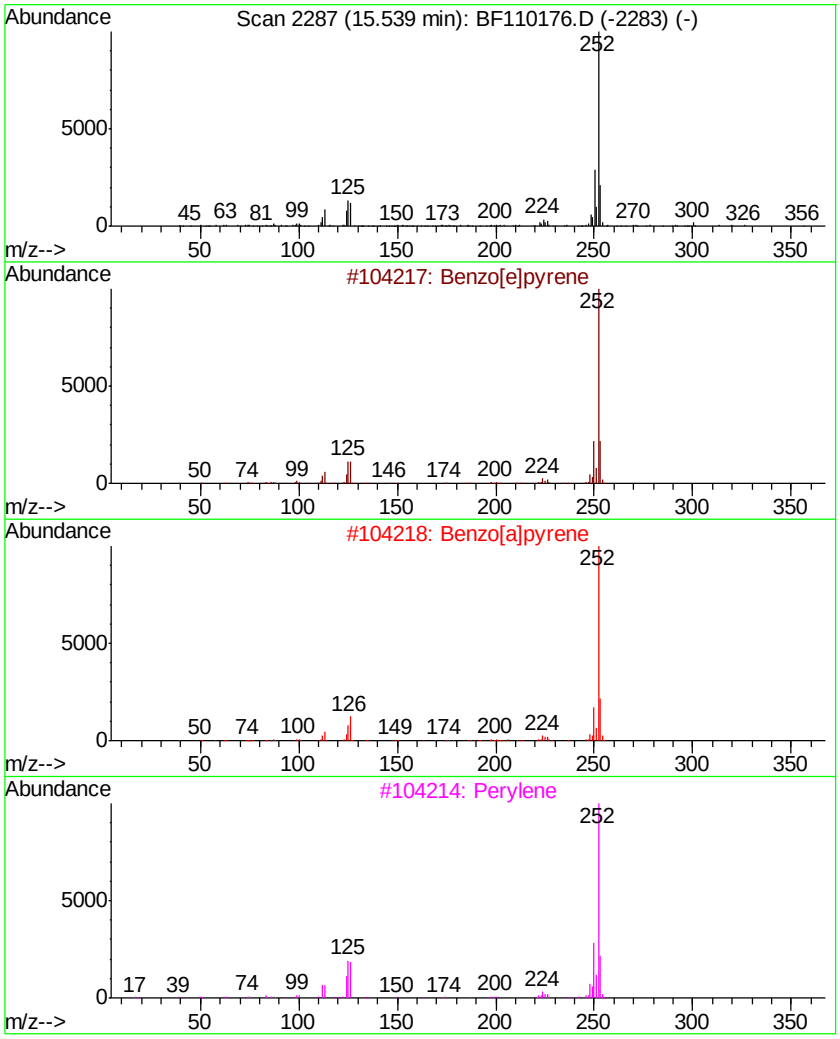
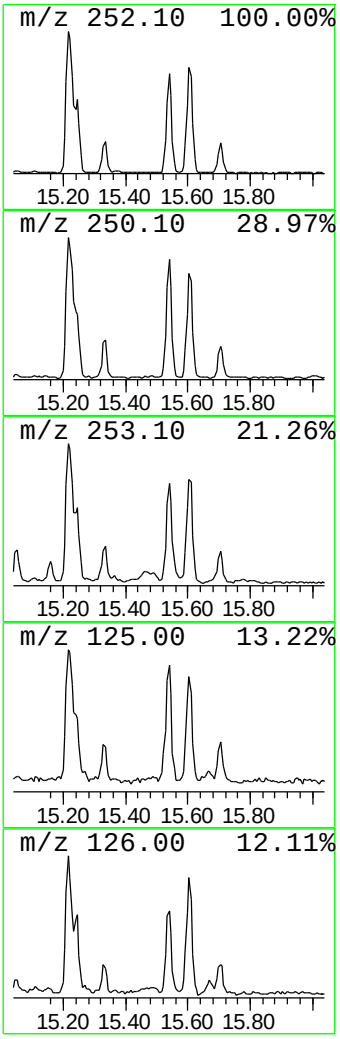
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.94 ng	310824	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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TIC Integration Parameters: LSCINT.P

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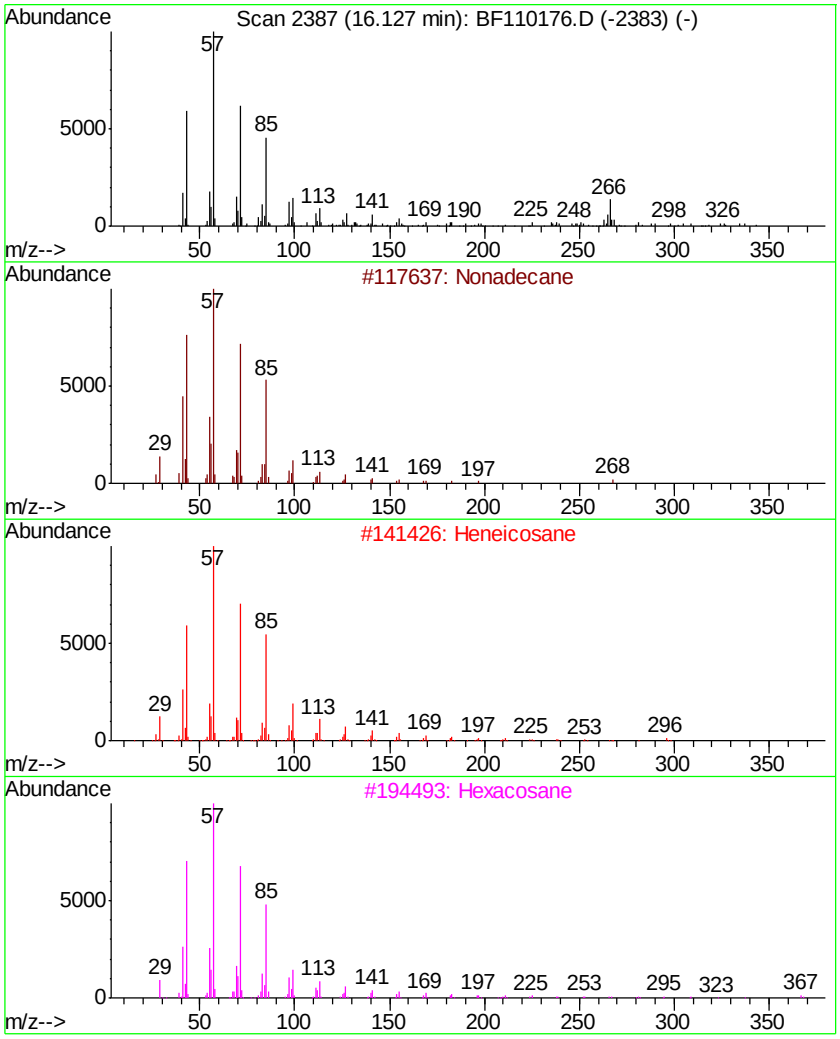
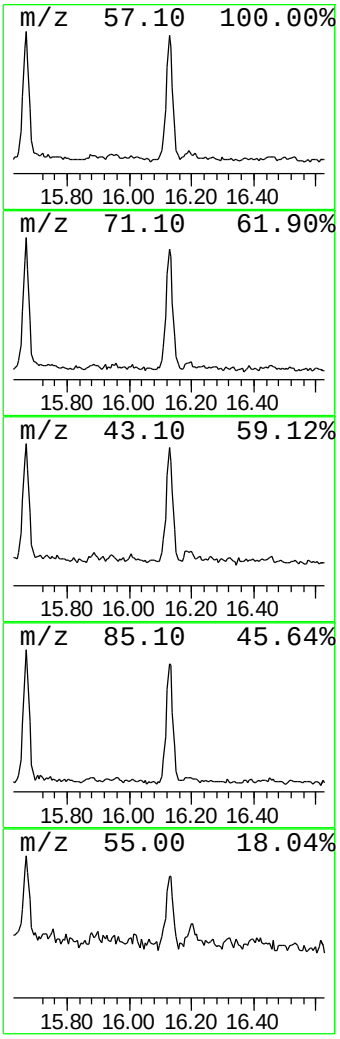
Peak Number 17 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.92 ng	265345	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Triacontane	422	C30H62	000638-68-6	83
5	Tricosane	324	C23H48	000638-67-5	83





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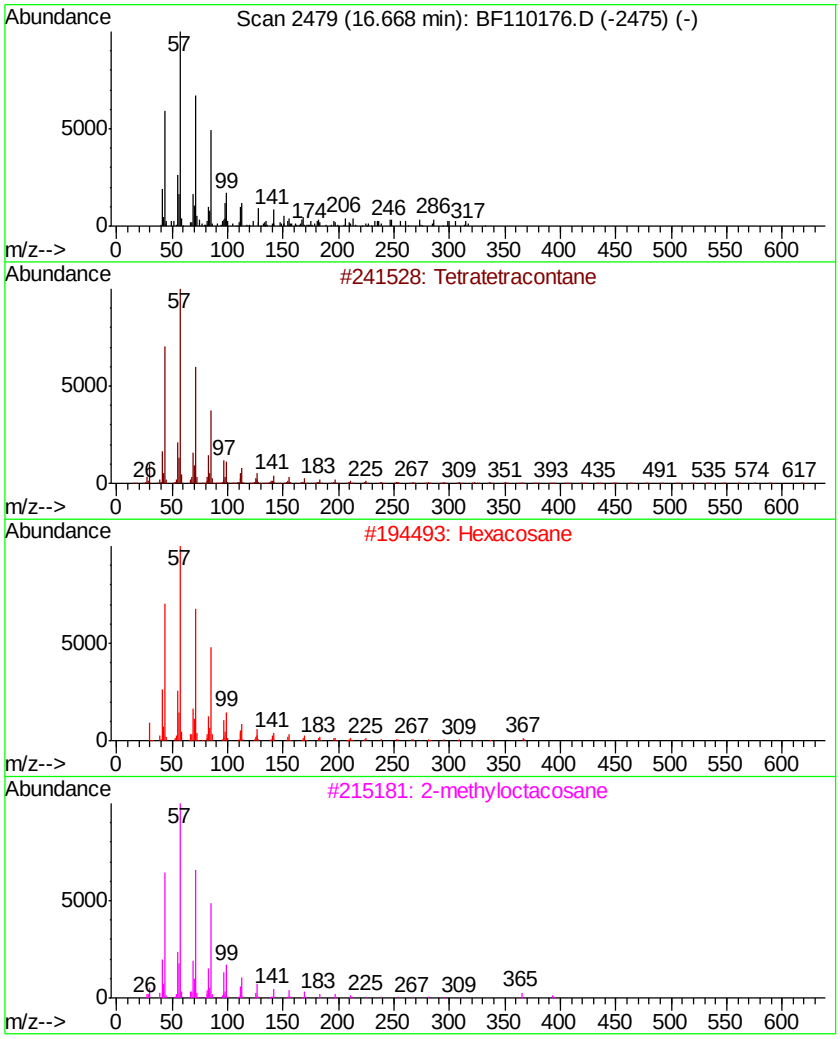
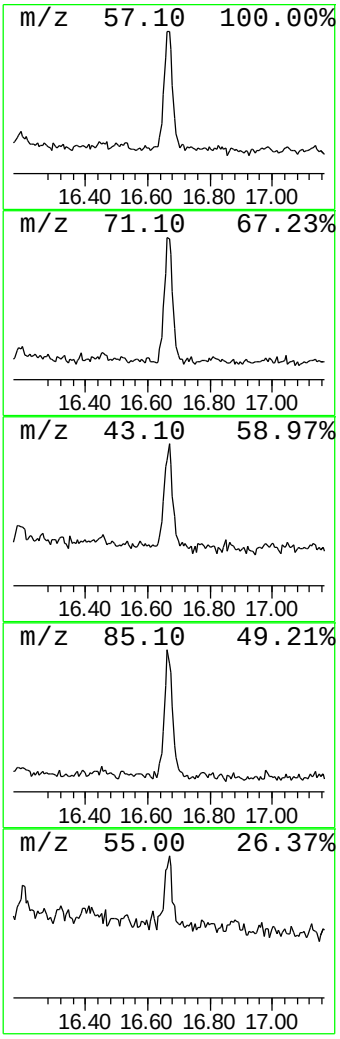
Peak Number 18 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.01 ng	135074	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110176.D
Acq On : 25 Oct 2018 22:29
Operator : JU/SJ
Sample : J5625-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-06

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	11.8	ng	585386	1	6.96	988722	20.0
2-Pentanone, 4-hy...	5.21	3.7	ng	182909	1	6.96	988722	20.0
unknown6.74	6.74	68.5	ng	3388600	1	6.96	988722	20.0
Benzene, 2-propenyl-	6.79	2.4	ng	119128	1	6.96	988722	20.0
Biphenylene	9.87	2.1	ng	127106	3	10.01	1208040	20.0
Tridecane	10.42	2.4	ng	146690	3	10.01	1208040	20.0
Hexadecane, 2,6,1...	10.91	4.2	ng	225767	4	11.50	1069420	20.0
1H-Indene, 2-phenyl-	12.00	4.0	ng	215537	4	11.50	1069420	20.0
Anthracene, 2-met...	12.03	2.5	ng	133477	4	11.50	1069420	20.0
Anthracene, 9-met...	12.11	3.1	ng	163684	4	11.50	1069420	20.0
Phenanthrene, 2,5...	12.55	3.0	ng	159472	4	11.50	1069420	20.0
Pyrene, 1-methyl-	13.16	2.5	ng	170276	5	14.14	1349940	20.0
Cyclopentadecane	13.96	4.0	ng	273209	5	14.14	1349940	20.0
Nonadecane	14.59	3.2	ng	215310	5	14.14	1349940	20.0
Benzo[e]pyrene	15.54	6.9	ng	310824	6	15.67	896139	20.0
Heneicosane	16.13	5.9	ng	265345	6	15.67	896139	20.0
Tetratetracontane	16.67	3.0	ng	135074	6	15.67	896139	20.0