LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF083019.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	2.116	3	5	13	rVB	470442	482507	17.15%	1.131%
2	3.322	207	210	224	rBV	16481	35480	1.26%	0.083%
3	5.469	570	575	579	rBV	1941405	2056005	73.09%	4.821%
4	6.487	742	748	751	rBV	2181530	2293069	81.51%	5.377%
5	6.622	766	771	774	rBV	2456618	2306145	81.98%	5.408%
6	6.845	806	809	813	rBV	580522	452145	16.07%	1.060%
7	7.004	832	836	839	rBV	2035903	1670696	59.39%	3.918%
8	7.404	899	904	907	rBV	1404659	1428337	50.78%	3.349%
9	8.128	1023	1027	1030	rBV	703743	580716	20.64%	1.362%
10	9.204	1205	1210	1213	rBV	2584116	2414438	85.83%	5.662%
11	9.316	1224	1229	1232	rVB2	32044	29456	1.05%	0.069%
12	9.592	1272	1276	1281	rVB	429592	372665	13.25%	0.874%
13	9.739	1298	1301	1305	rBV	169741	132227	4.70%	0.310%
14	9.881	1321	1325	1328	rVV	846284	684582	24.34%	1.605%
15	9.910	1328	1330	1334	rVB	43216	36334	1.29%	0.085%
16	10.081	1353	1359	1364	rBV	115256	129451	4.60%	0.304%
17	10.198	1372	1379	1381	rBV2	26284	31738	1.13%	0.074%
18	10.422	1414	1417	1424	rVB	143130	152666	5.43%	0.358%
19	10.581	1441	1444	1448	rVB	51766	45057	1.60%	0.106%
20	10.669	1454	1459	1463	rBV	1681455	1549476	55.08%	3.634%
21	10.792	1475	1480	1485	rVB5	40897	49545	1.76%	0.116%
22	10.975	1505	1511	1513	rBV2	63512	67419	2.40%	0.158%
23	11.104	1528	1533	1534	rBV3	40305	44893	1.60%	0.105%
24	11.169	1541	1544	1548	rVB	77358	70497	2.51%	0.165%
25	11.210	1548	1551	1557	rVV2	36748	63883	2.27%	0.150%
26	11.257	1557	1559	1565	rVB	94691	92099	3.27%	0.216%
27	11.363	1573	1577	1579	rBV	748394	712451	25.33%	1.671%
28	11.392	1579	1582	1585	rVV	1818246	1529986	54.39%	3.588%
29	11.439	1585	1590	1593	rVV	333048	298752	10.62%	0.701%
30	11.469	1593	1595	1599	rVB3	45335	48384	1.72%	0.113%
31	11.592	1611	1616	1618	rBV	121065	134326	4.78%	0.315%
32	11.657	1624	1627	1630	rVB2	54542	41755	1.48%	0.098%
33	11.692	1630	1633	1638	rVB4	65618	67406	2.40%	0.158%
34	11.751	1638	1643	1645	rBV4	22716	30296	1.08%	0.071%

LSC Area Percent Report

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Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.816	1651	1654	1657	rBV	30584	34240	1.22%	0.080%
36	11.863	1657	1662	1663	rBV	286061	255423	9.08%	0.599%
37	11.904	1663	1669	1673	rVV2	1415229	2281403	81.10%	5.350%
38	11.939	1673	1675	1678	rVV	155600	159346	5.66%	0.374%
39	11.975	1678	1681	1684	rVV	371133	429280	15.26%	1.007%
40	11.998	1684	1685	1689	rVB	175665	109816	3.90%	0.258%
41	12.063	1694	1696	1699	rVB3	37348	33417	1.19%	0.078%
42	12.157	1709	1712	1714	rBV	184483	145647	5.18%	0.342%
43	12.180	1714	1716	1724	rVB2	154935	145901	5.19%	0.342%
44	12.310	1736	1738	1740	rVB2	49059	32294	1.15%	0.076%
45	12.339	1740	1743	1745	rBV	52418	41246	1.47%	0.097%
46	12.363	1745	1747	1750	rVB	47543	36346	1.29%	0.085%
47	12.416	1752	1756	1759	rBV	138565	157053	5.58%	0.368%
48	12.451	1759	1762	1764	rBV	84923	84934	3.02%	0.199%
49	12.498	1767	1770	1775	rVB	128692	130300	4.63%	0.306%
50	12.580	1779	1784	1787	rBV	2205625	2046683	72.76%	4.799%
51	12.692	1795	1803	1807	rBV2	1987289	2813068	100.00%	6.597%
52	12.810	1816	1823	1828	rVB2	1575903	1665562	59.21%	3.906%
53	12.851	1828	1830	1835	rVB2	87720	101510	3.61%	0.238%
54	12.951	1839	1847	1853	rVB	2312964	2409965	85.67%	5.651%
55	13.022	1854	1859	1862	rBV2	118257	200385	7.12%	0.470%
56	13.051	1862	1864	1866	rVB	44685	34200	1.22%	0.080%
57	13.110	1870	1874	1875	rBV2	115955	124019	4.41%	0.291%
58	13.133	1875	1878	1881	rVB2	276866	263071	9.35%	0.617%
59	13.174	1881	1885	1887	rBV5	43038	68751	2.44%	0.161%
60	13.198	1887	1889	1891	rVB	145970	107489	3.82%	0.252%
61	13.233	1891	1895	1898	rVB2	156145	157501	5.60%	0.369%
62	13.292	1902	1905	1908	rBV3	34593	39318	1.40%	0.092%
63	13.327	1908	1911	1914	rVB2	79168	57243	2.03%	0.134%
64	13.357	1914	1916	1920	rBV2	85119	83997	2.99%	0.197%
65	13.516	1938	1943	1945	rBV4	63782	101672	3.61%	0.238%
66	13.633	1960	1963	1973	rVB	178407	249277	8.86%	0.585%
67	13.745	1979	1982	1985	rBV2	144832	172348	6.13%	0.404%
68	13.774	1985	1987	1989	rVV	131594	109569	3.90%	0.257%
69	13.804	1989	1992	1995	rVV2	96053	132943	4.73%	0.312%
70	13.839	1995	1998	2006	rVB2	485069	605383	21.52%	1.420%
71	13.916	2009	2011	2017	rBV2	28680	33980	1.21%	0.080%

LSC Area Percent Report

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Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.992	2018	2024	2028	rBV3	963175	1504973	53.50%	3.529%
73	14.027	2028	2030	2035	rVB	766721	628639	22.35%	1.474%
74	14.104	2041	2043	2046	rBV	48057	39259	1.40%	0.092%
75	14.145	2047	2050	2051	rBV	84059	80614	2.87%	0.189%
76	14.221	2060	2063	2067	rBV2	76024	96856	3.44%	0.227%
77	14.351	2083	2085	2087	rBV2	30798	32372	1.15%	0.076%
78	14.386	2088	2091	2094	rVV	144302	136516	4.85%	0.320%
79	14.421	2094	2097	2100	rVV2	98392	89182	3.17%	0.209%
80	14.468	2101	2105	2110	rVV3	138505	230857	8.21%	0.541%
81	14.516	2110	2113	2114	rVV	83715	89534	3.18%	0.210%
82	14.533	2114	2116	2120	rVB3	75354	69179	2.46%	0.162%
83	14.774	2153	2157	2160	rBV	133354	141484	5.03%	0.332%
84	15.045	2197	2203	2205	rBV	551140	859524	30.55%	2.016%
85	15.104	2210	2213	2217	rVV2	158791	187239	6.66%	0.439%
86	15.145	2217	2220	2224	rVB	135023	141889	5.04%	0.333%
87	15.339	2249	2253	2259	rVB	295507	423559	15.06%	0.993%
88	15.404	2259	2264	2269	rBV	455060	593513	21.10%	1.392%
89	15.468	2269	2275	2277	rBV	399488	594807	21.14%	1.395%
90	15.915	2348	2351	2357	rVB	72477	97075	3.45%	0.228%
91	16.921	2516	2522	2529	rVB2	236405	449870	15.99%	1.055%
92	17.092	2547	2551	2555	rBV	48389	77201	2.74%	0.181%
93	17.362	2591	2597	2604	rVB	149004	290439	10.32%	0.681%

Sum of corrected areas: 42644043

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
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Acq On : 6 Sep 2019 10:31
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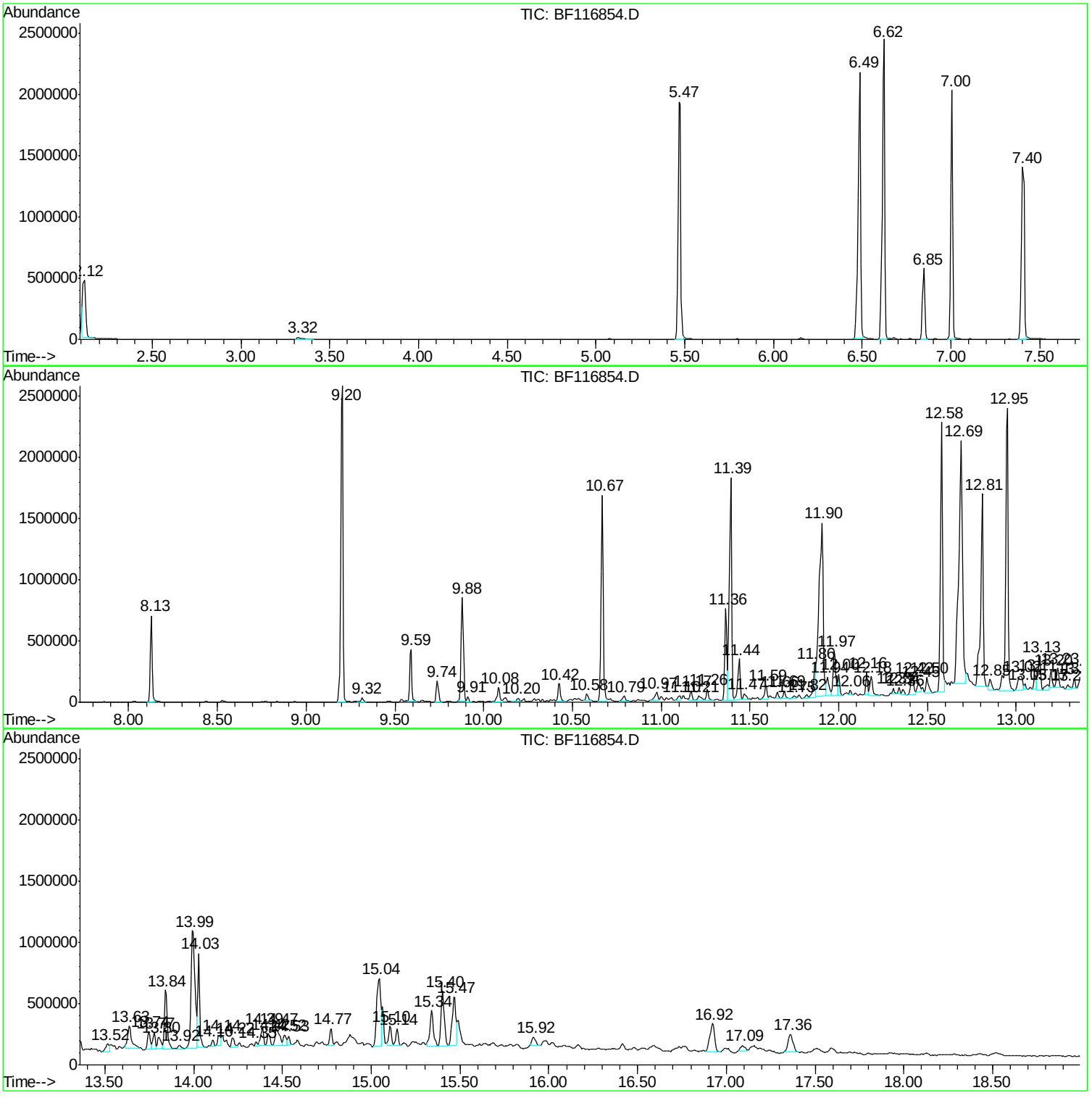
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090619\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

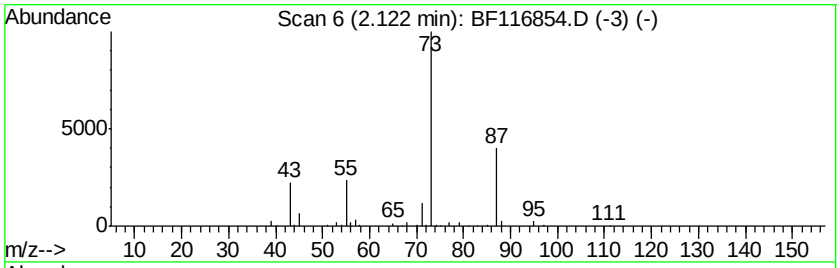
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

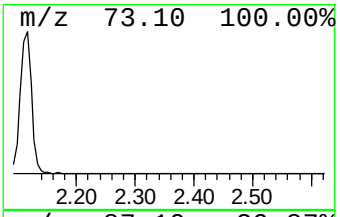
****

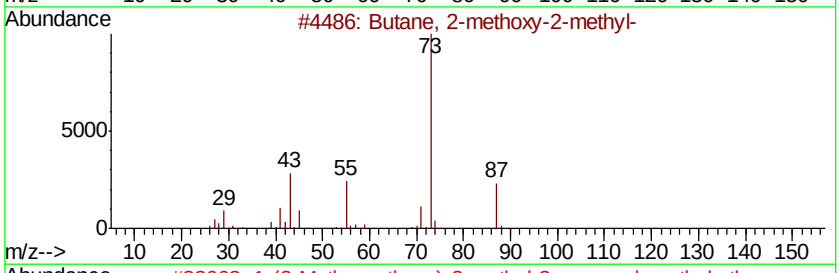
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

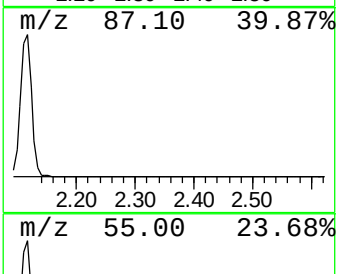
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	21.34 ng	482507	1,4-Dichlorobenzene-d4	6.85

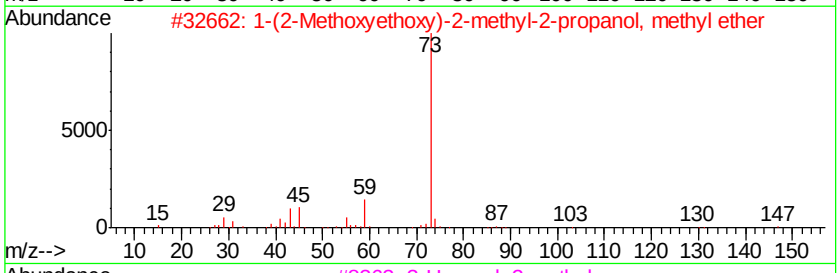
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	12
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

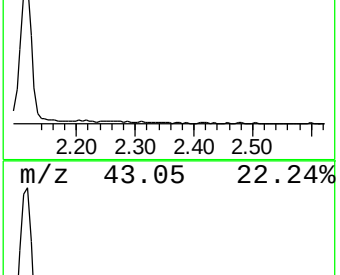


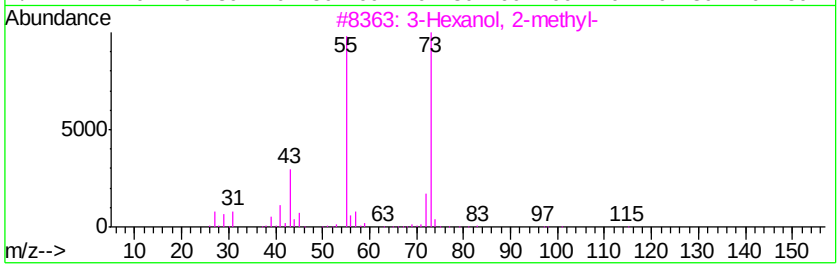


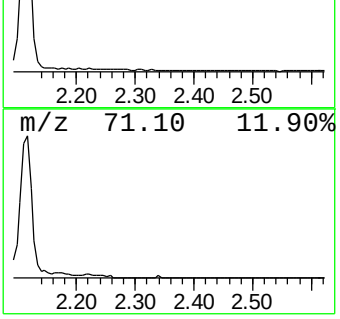












Library Search Compound Report

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Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
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Sample : K4650-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

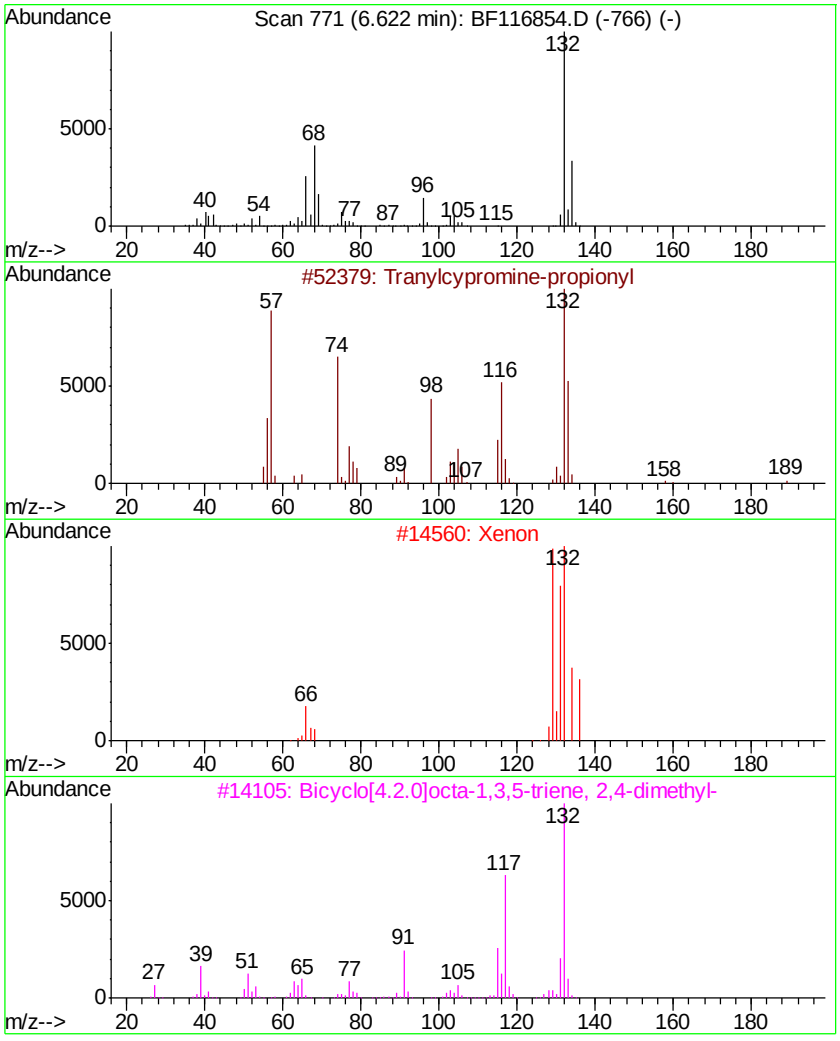
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

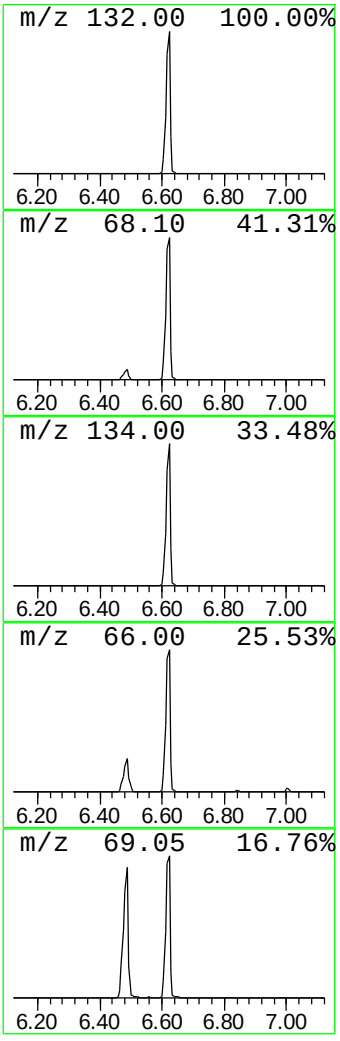
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	102.01 ng	2306150	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	Xenon	132	Xe	007440-63-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

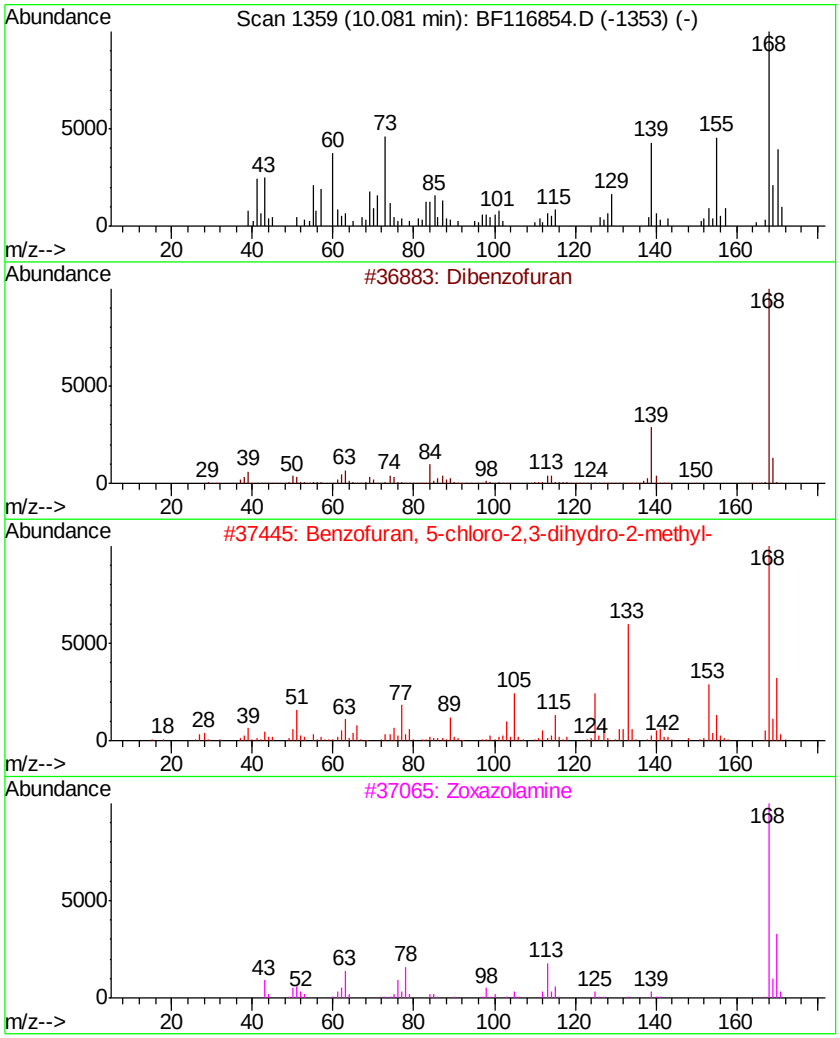
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

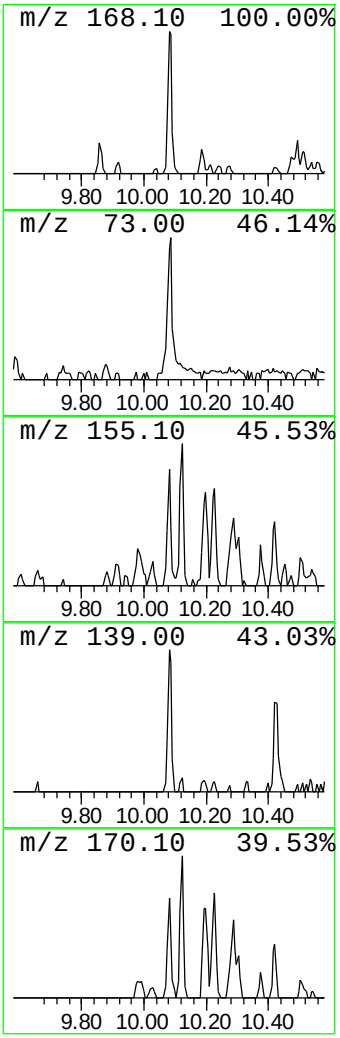
****

Peak Number 4 unknown10.08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	3.78 ng	129451	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	46
2	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	32
3	Zoxazolamine	168	C7H5ClN2O	000061-80-3	32
4	6-Hydroxy-8-mercaptopurine	168	C5H4N4OS	006305-94-8	27
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	27





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Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

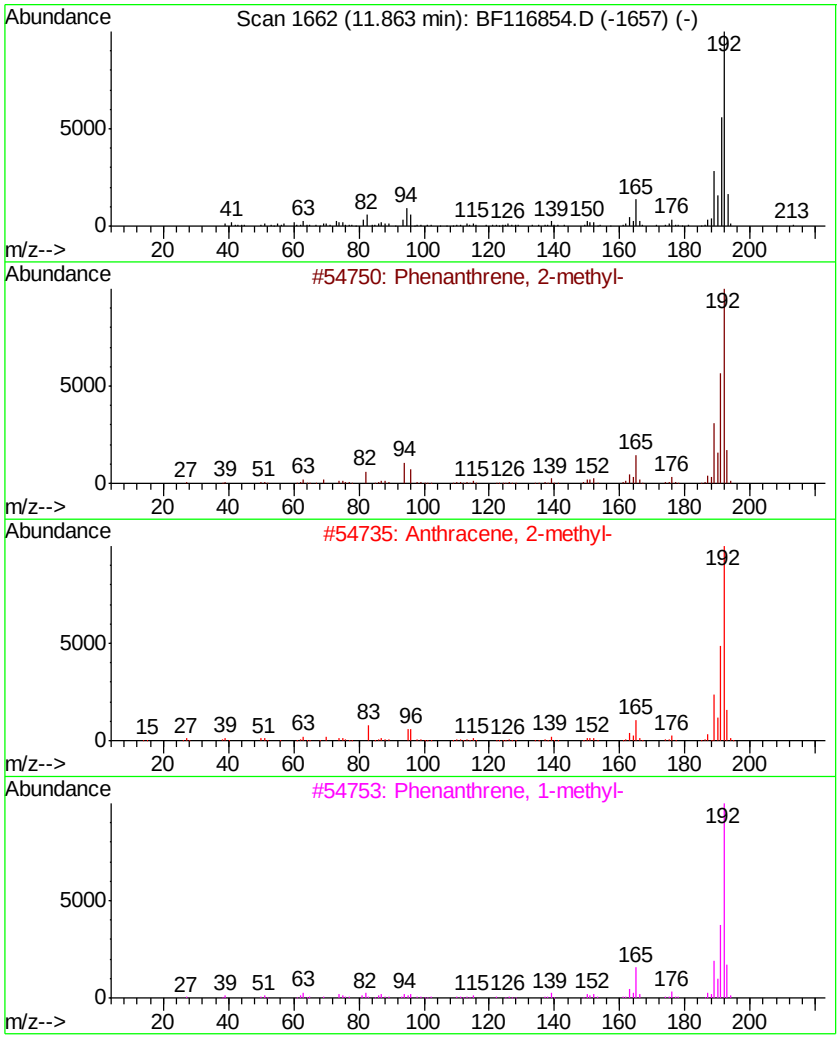
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

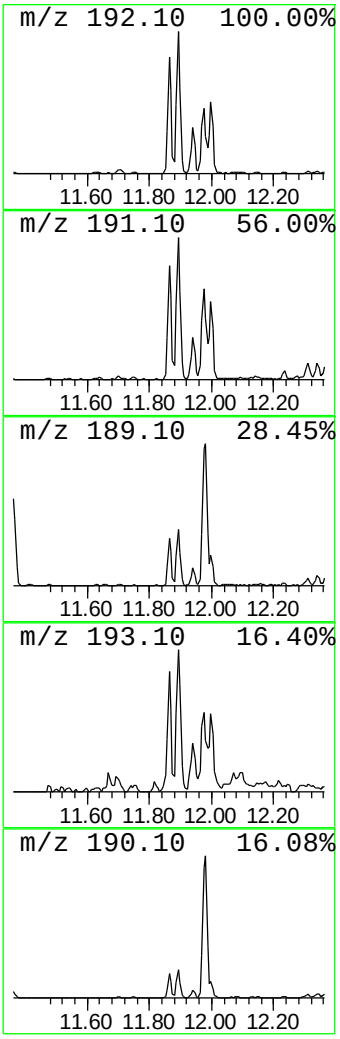
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.17 ng	255423	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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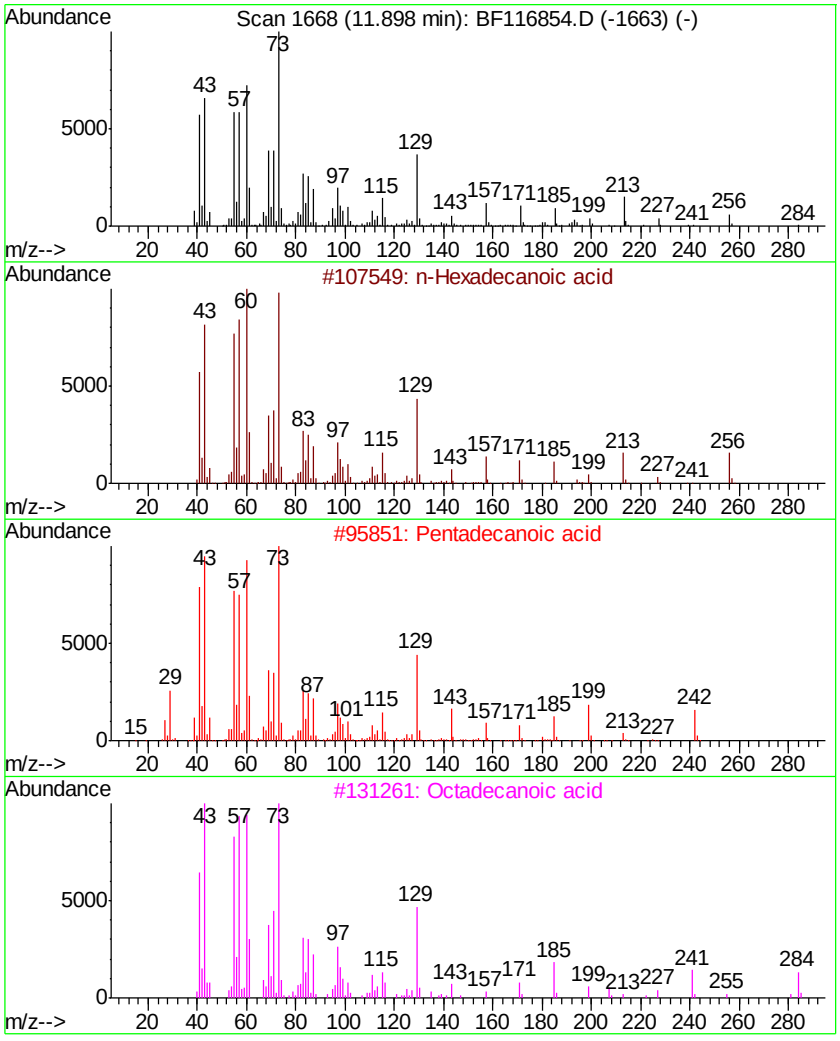
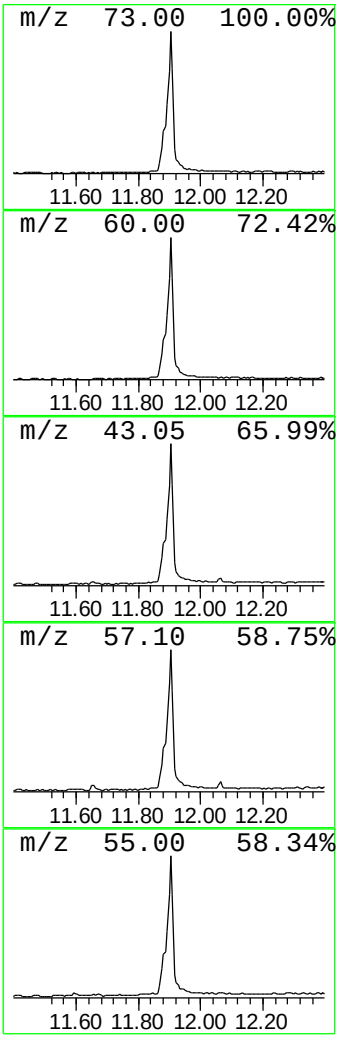
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	64.04 ng	2281400	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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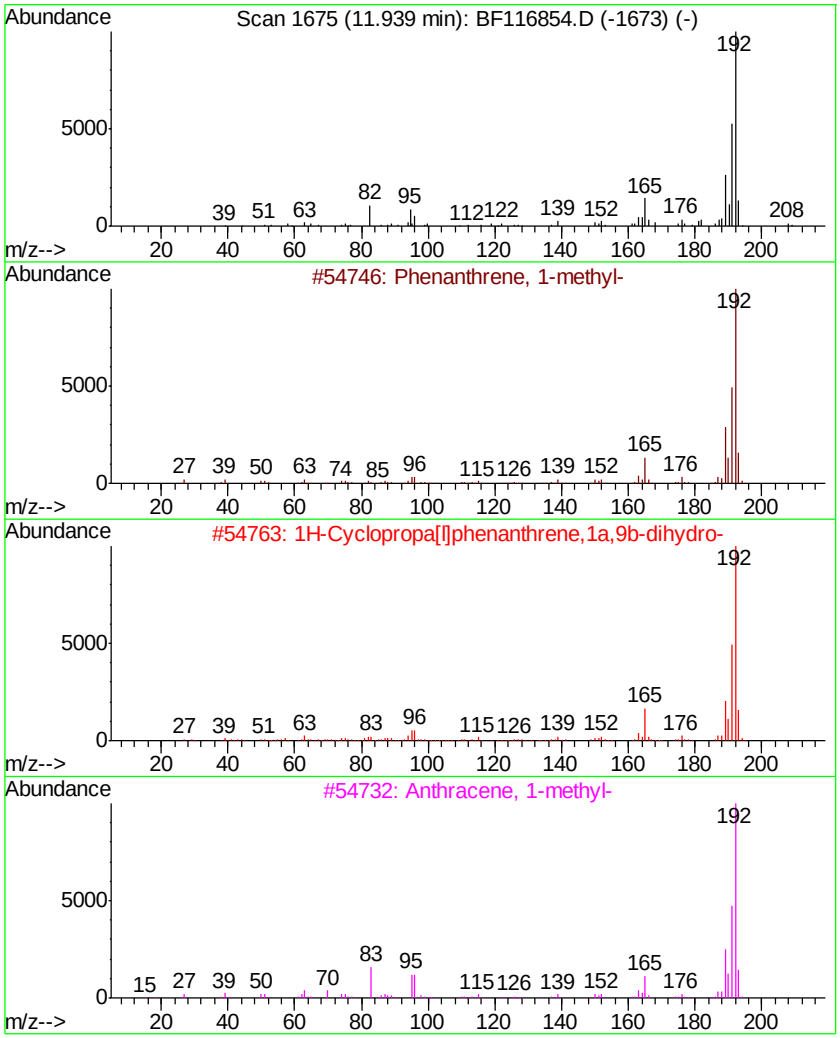
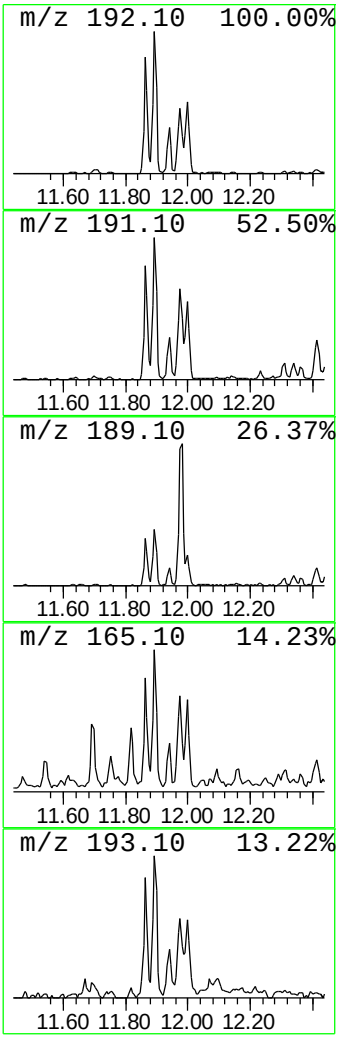
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.47 ng	159346	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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ClientSampleId : TP-1

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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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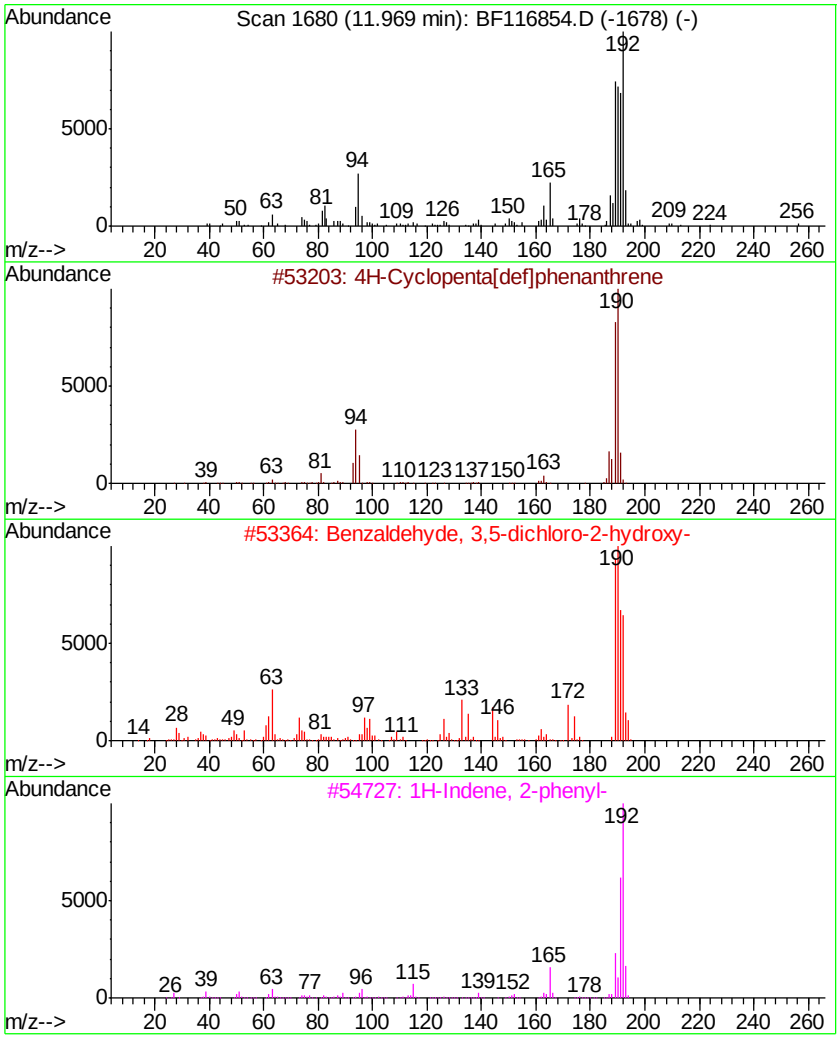
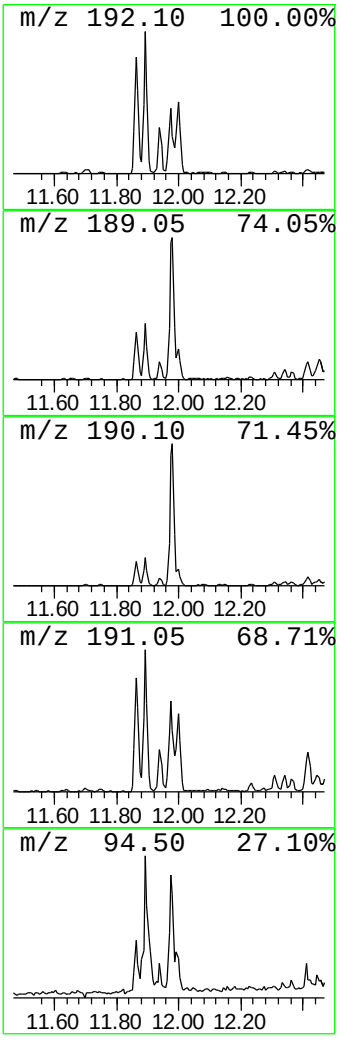
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	12.05 ng	429280	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30





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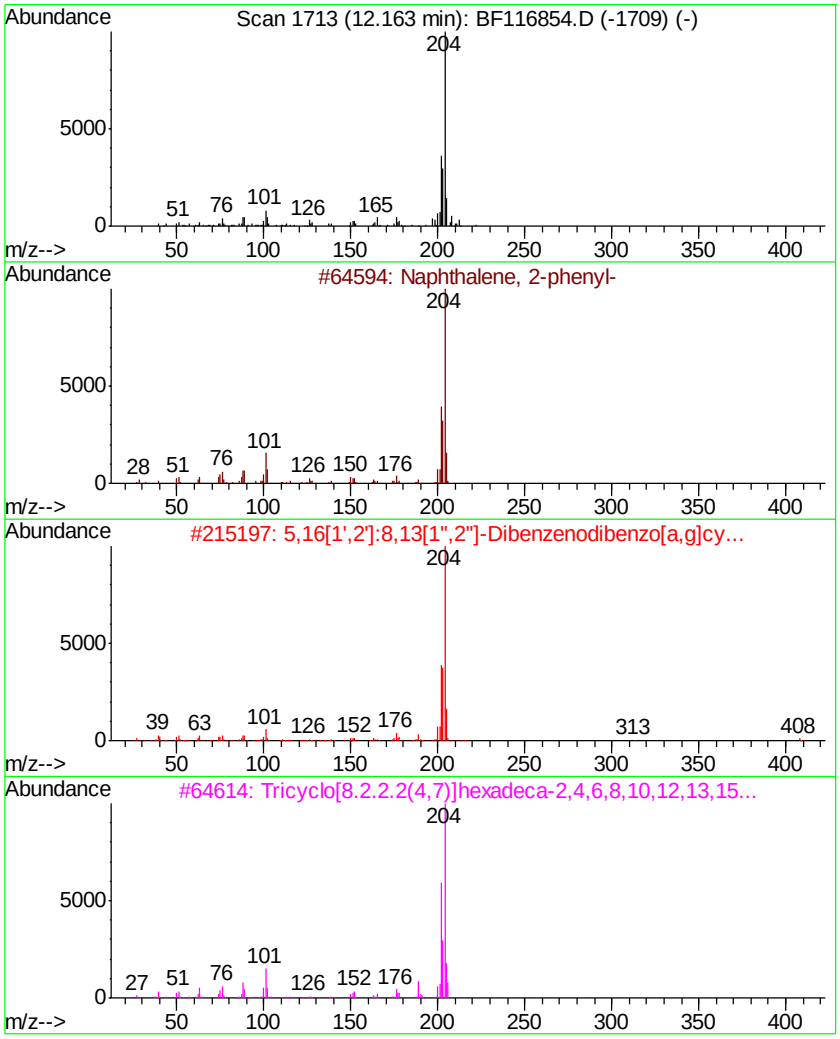
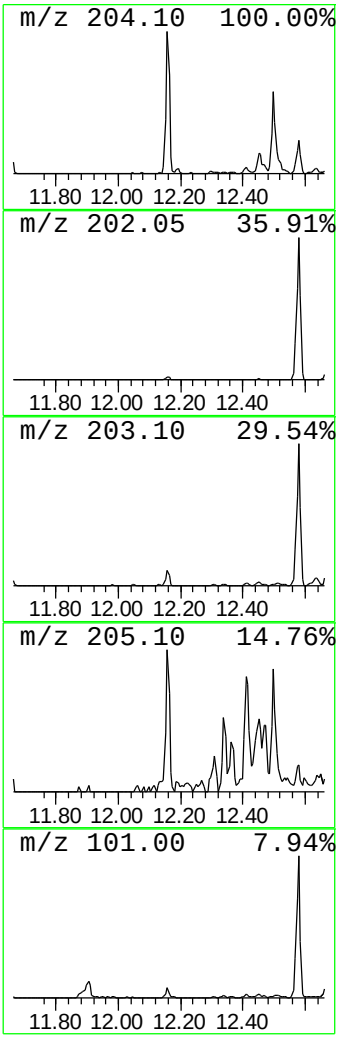
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.09 ng	145647	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	60





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ClientSampleId : TP-1

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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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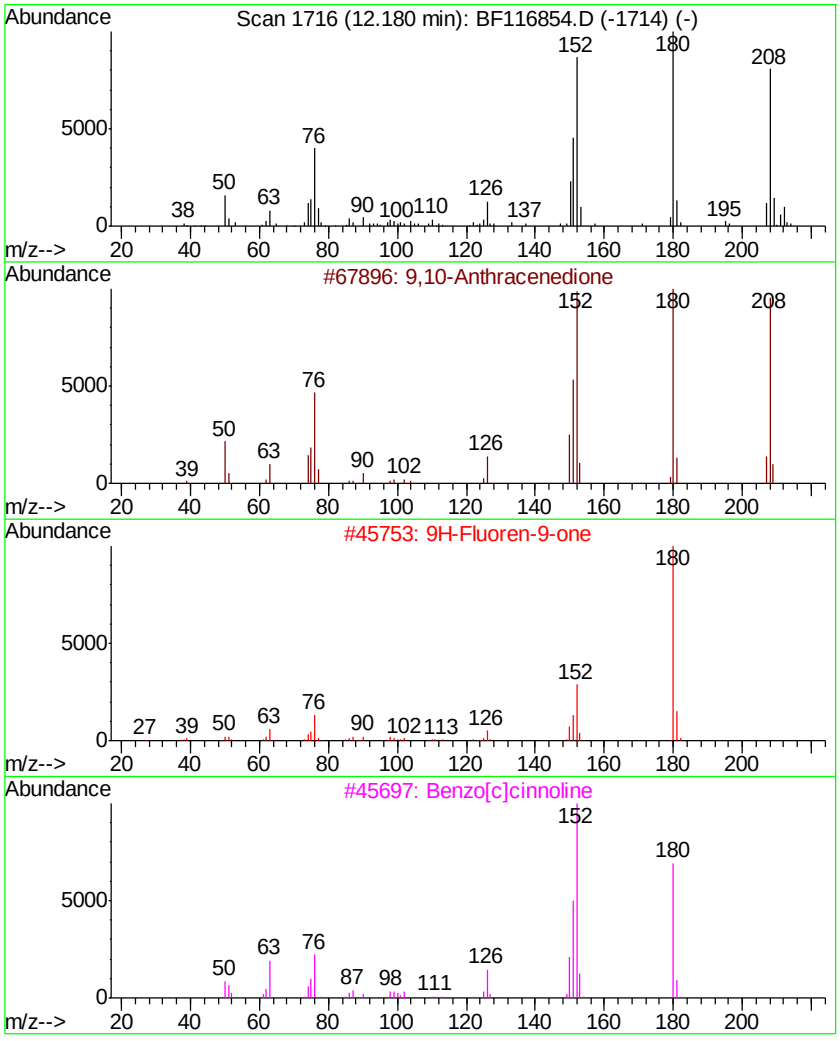
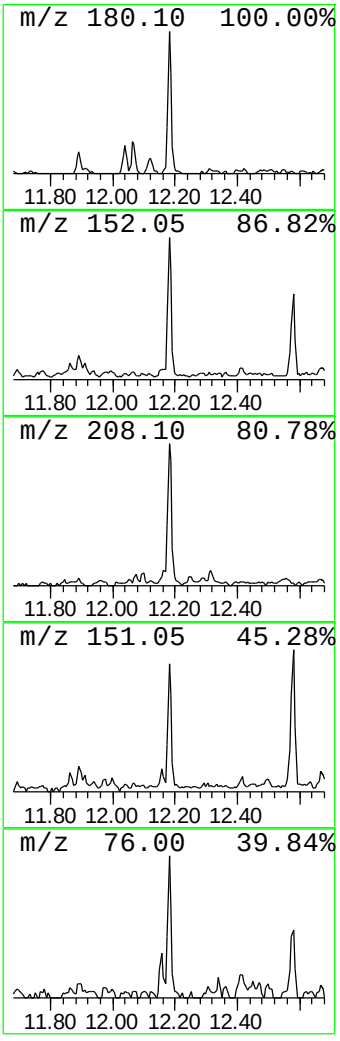
Peak Number 10 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	4.10 ng	145901	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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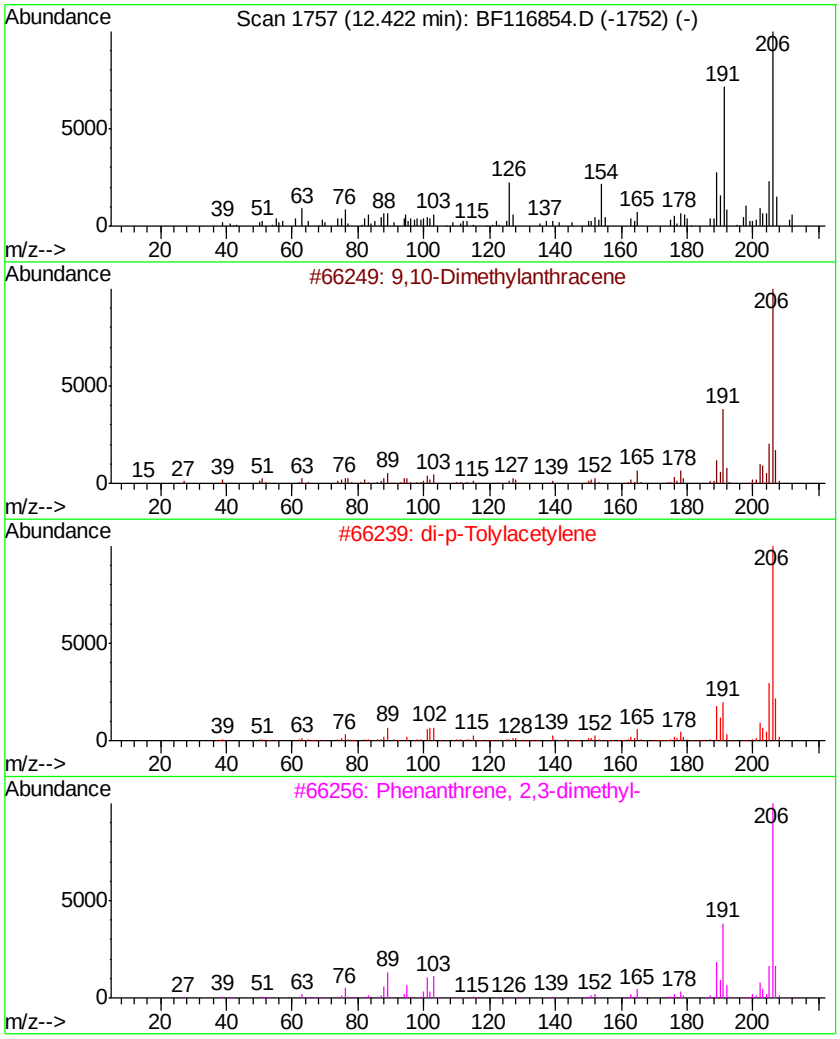
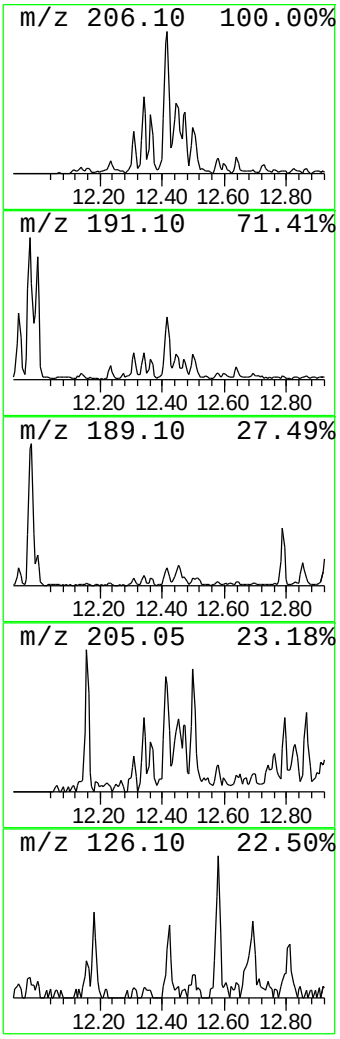
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.41 ng	157053	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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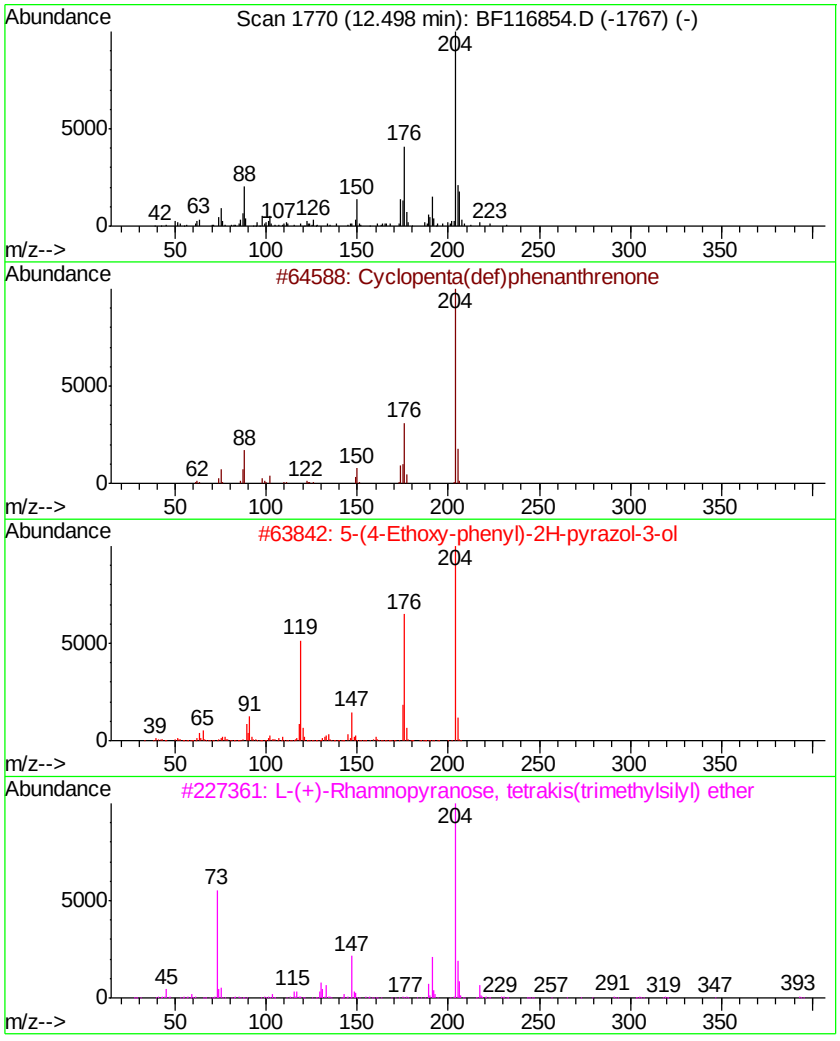
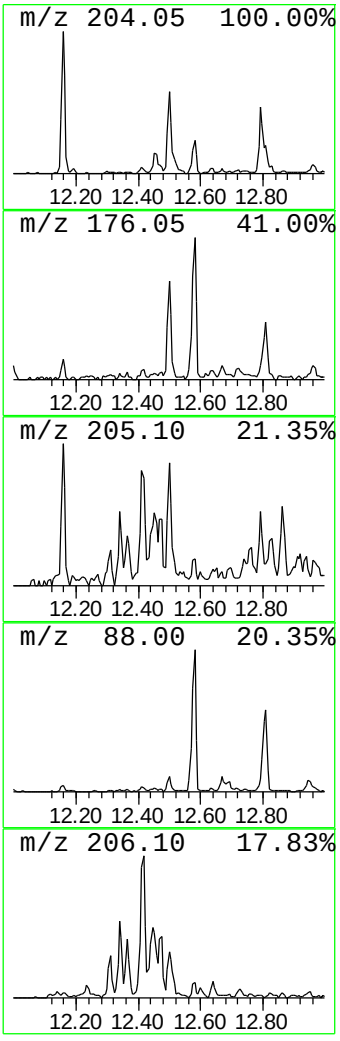
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.66 ng	130300	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	50
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Sample : K4650-01
Misc :
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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

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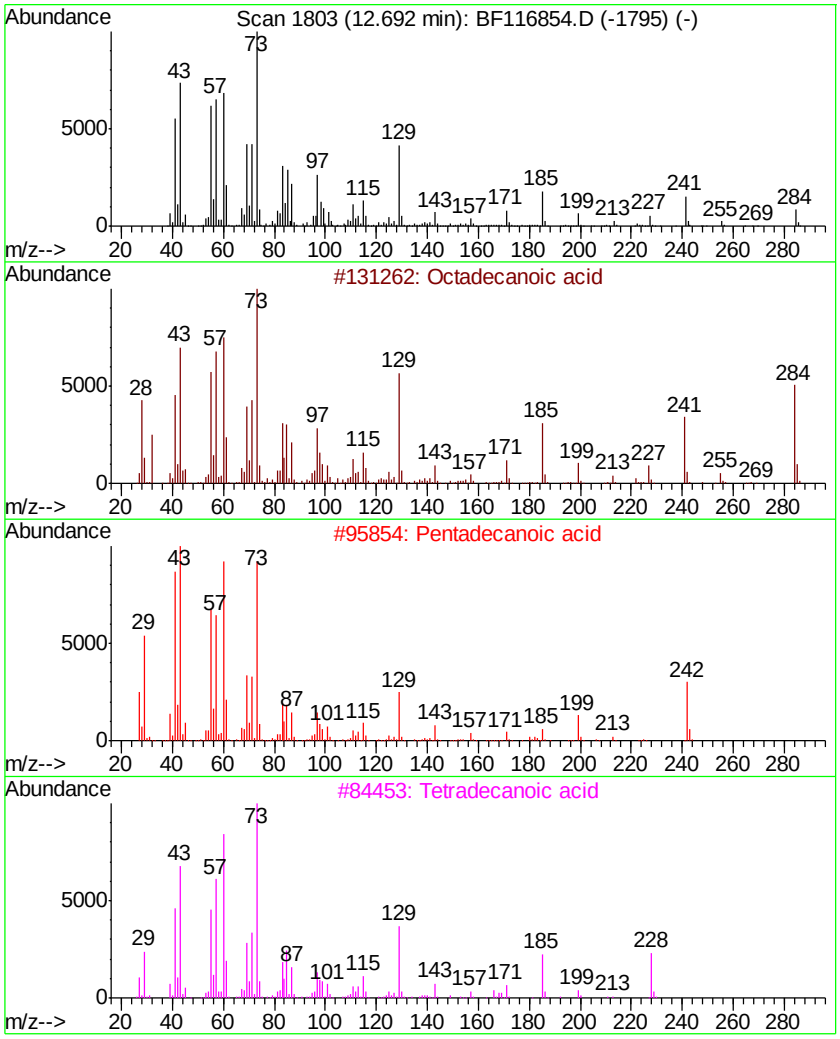
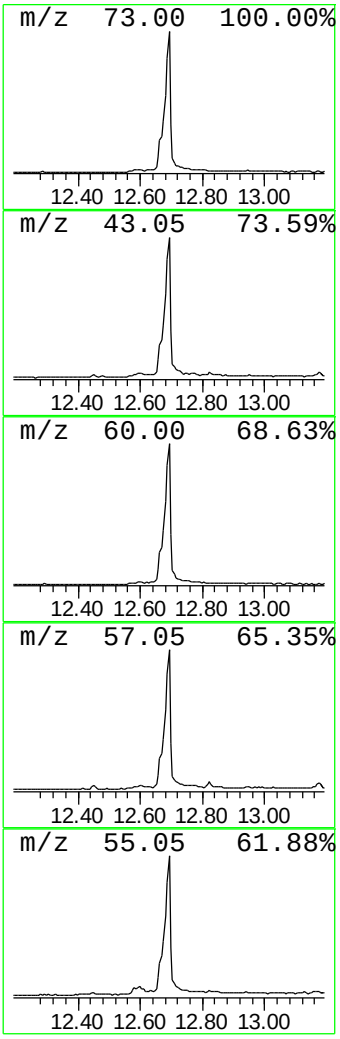
Peak Number 13 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	37.38 ng	2813070	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	25





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

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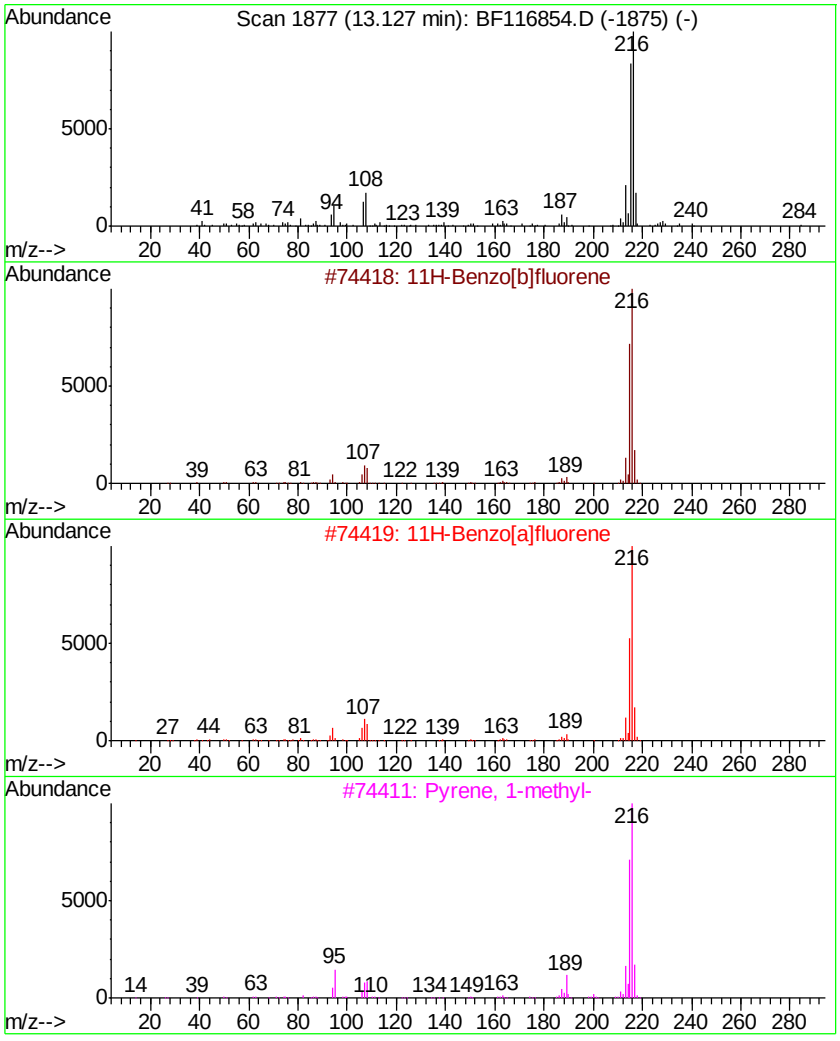
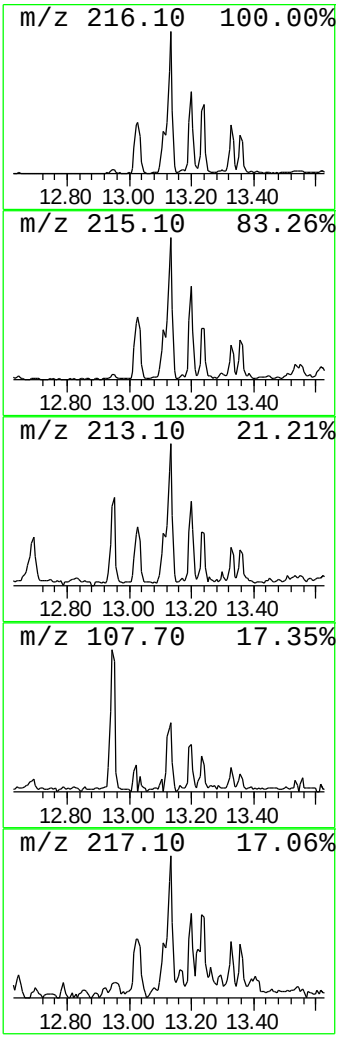
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.50 ng	263071	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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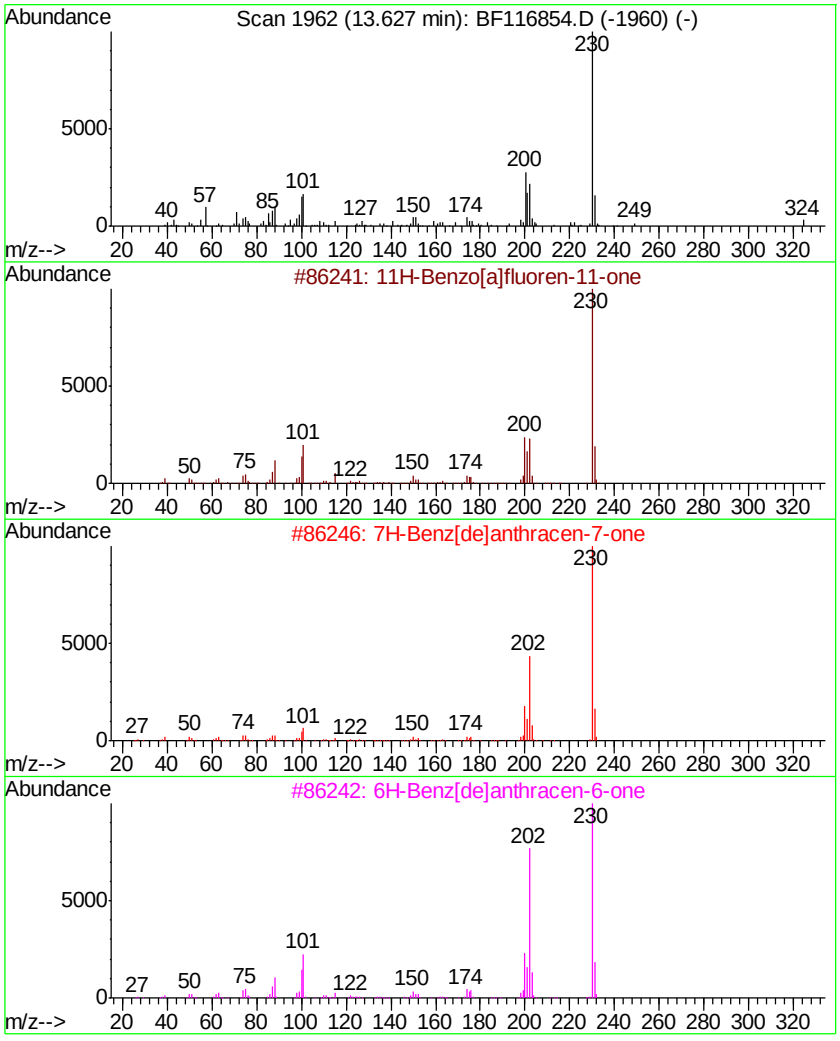
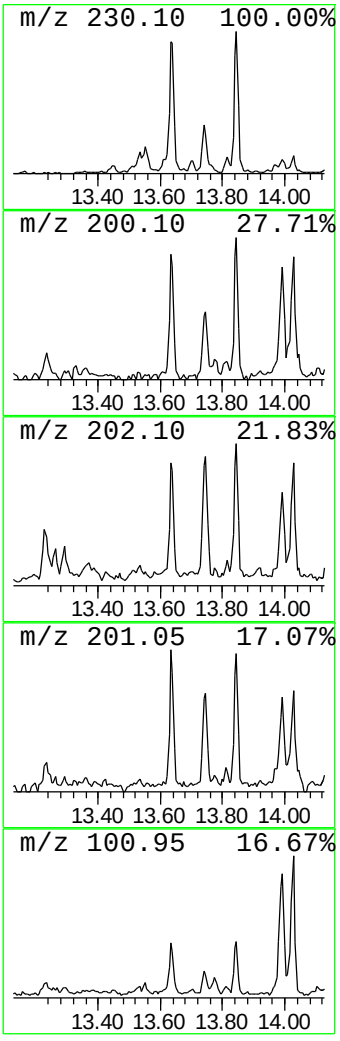
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.31 ng	249277	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	99
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	58





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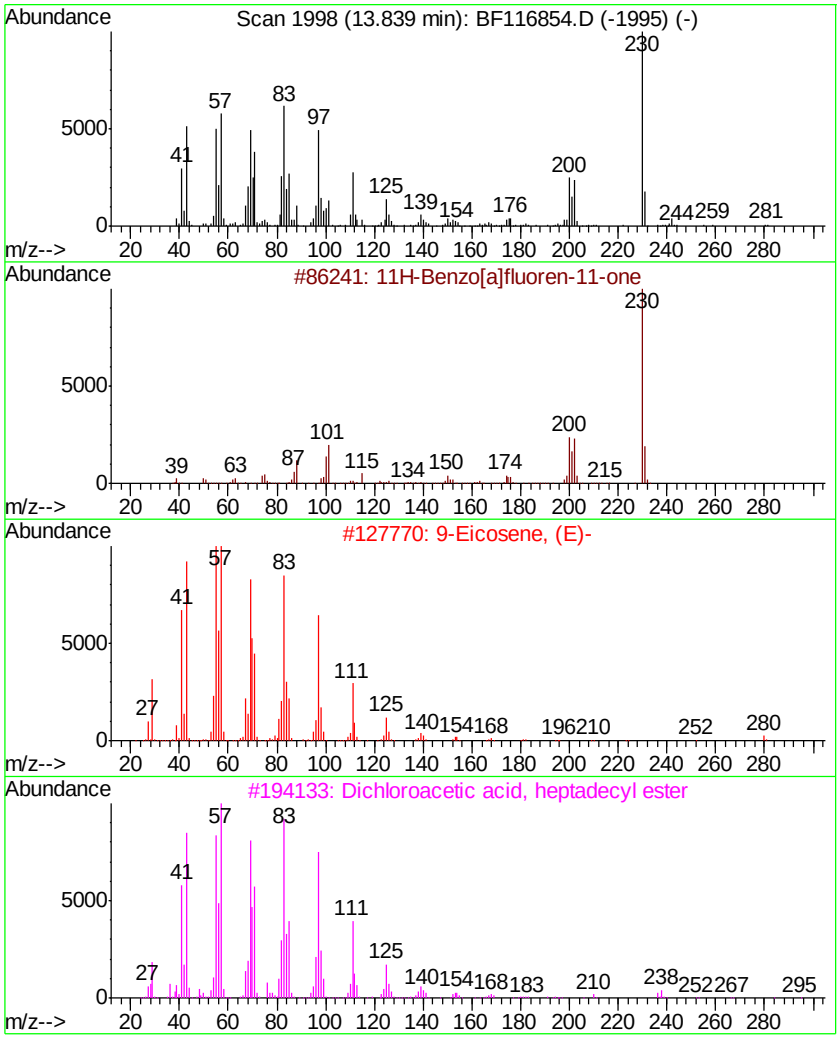
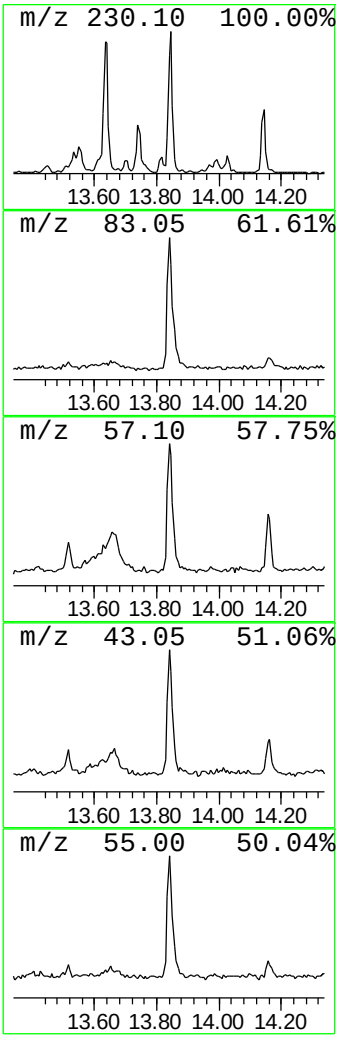
Peak Number 16 9-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.05 ng	605383	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	58
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	50
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	46
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	46





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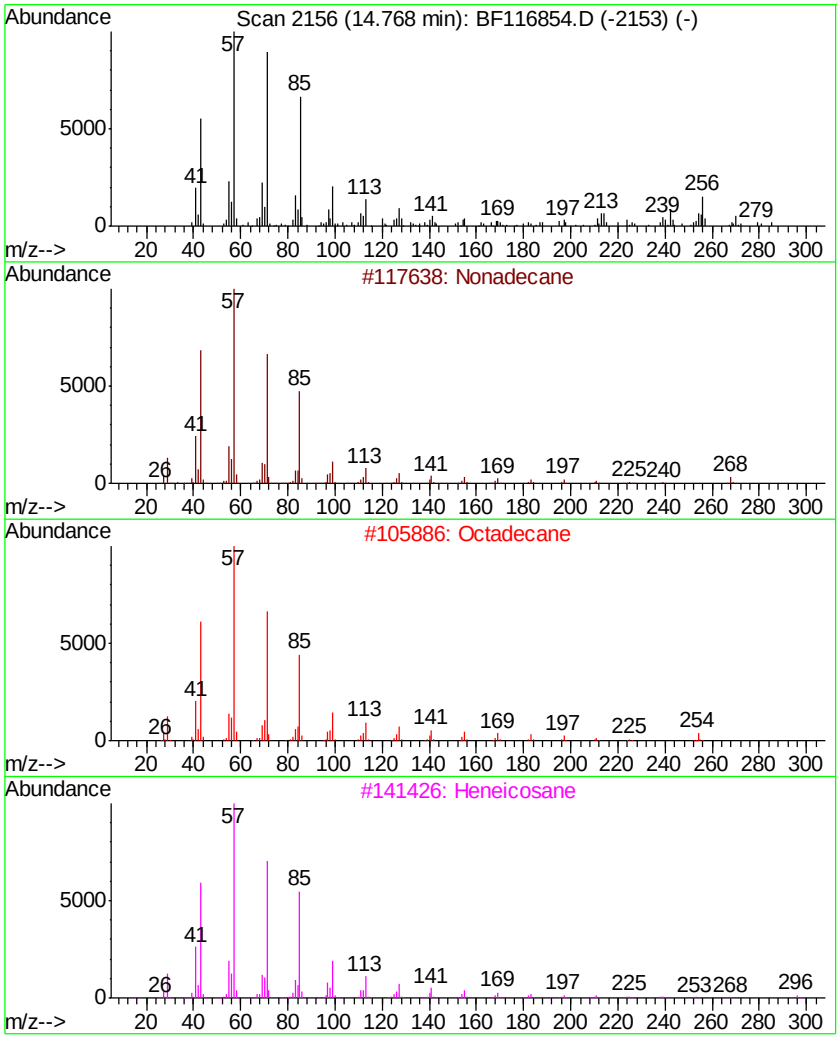
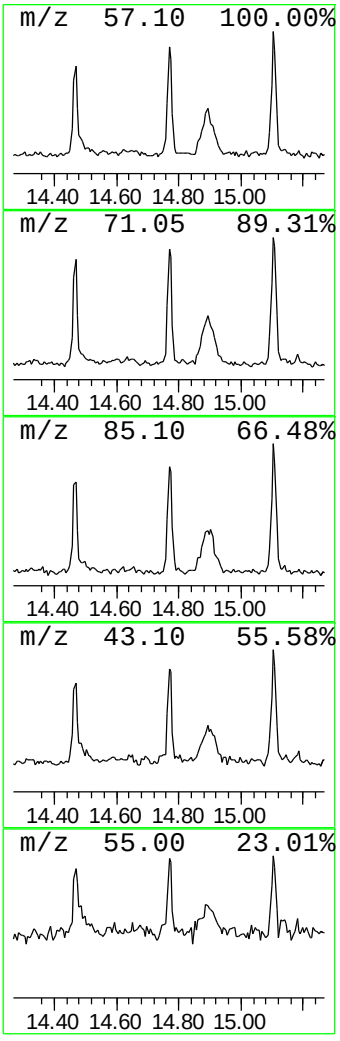
Peak Number 17 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.76 ng	141484	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Octadecane	254	C18H38	000593-45-3	70
3	Heneicosane	296	C21H44	000629-94-7	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Triacontane	422	C30H62	000638-68-6	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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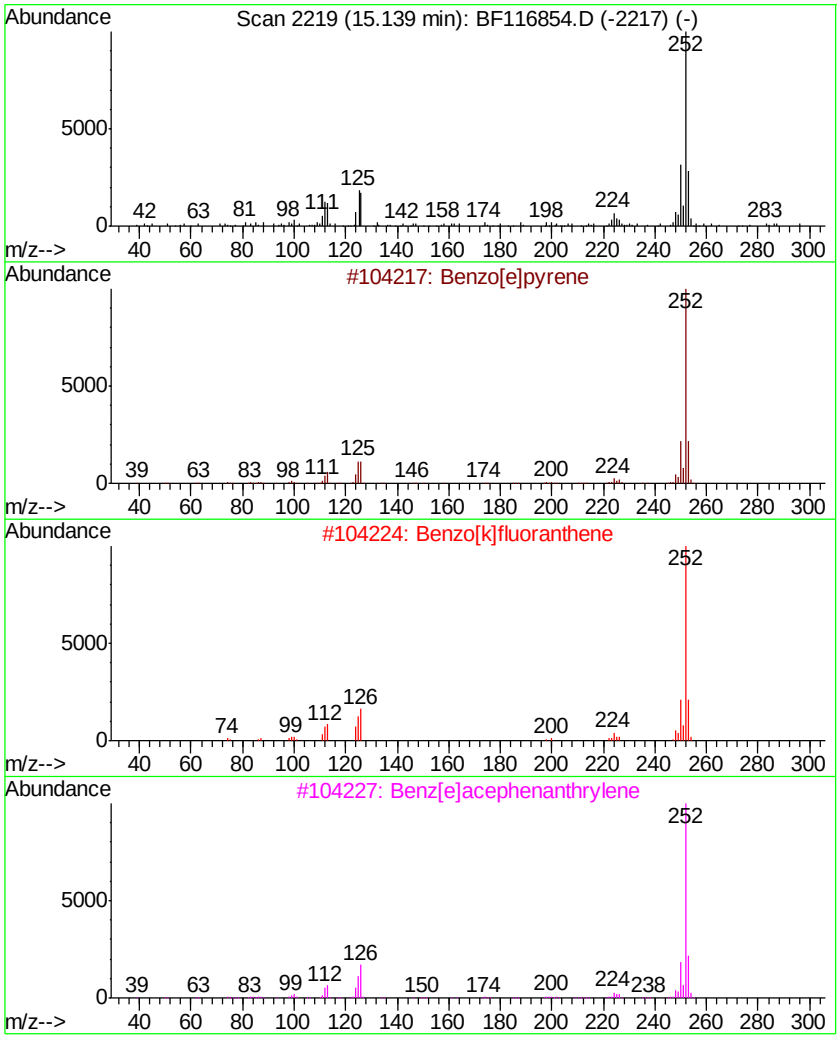
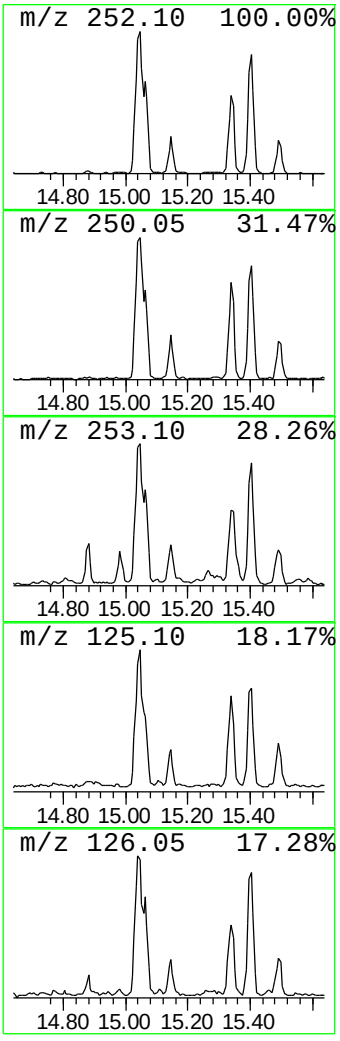
Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	4.77 ng	141889	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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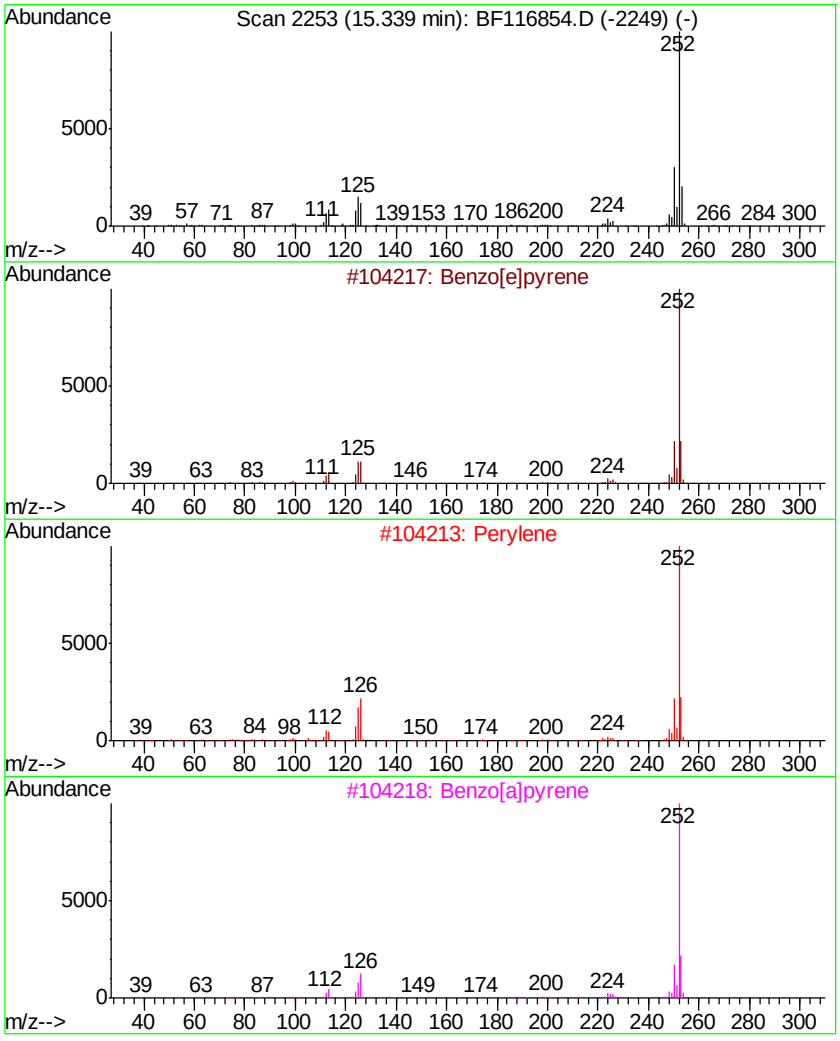
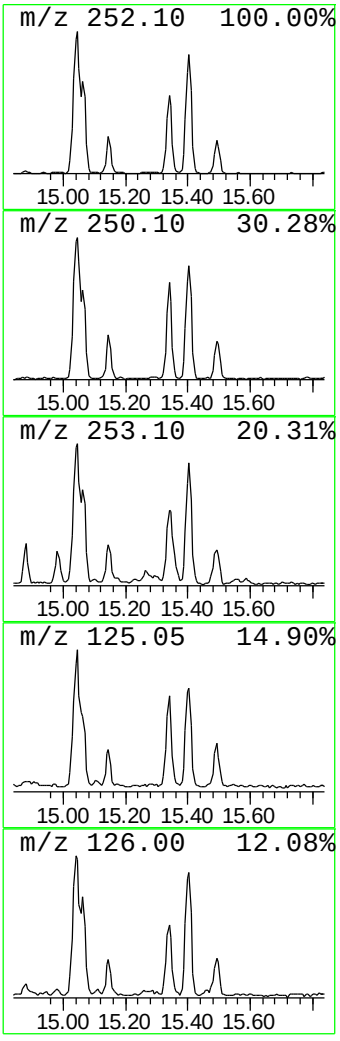
Peak Number 19 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	14.24 ng	423559	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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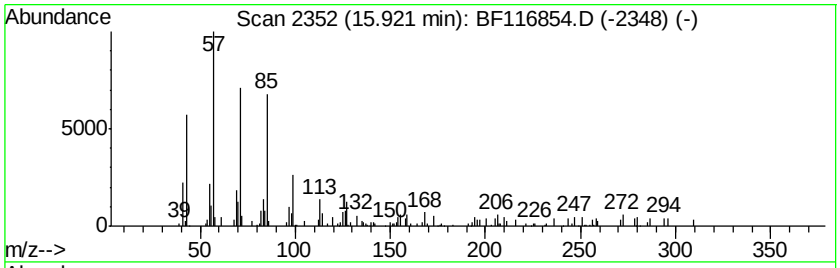
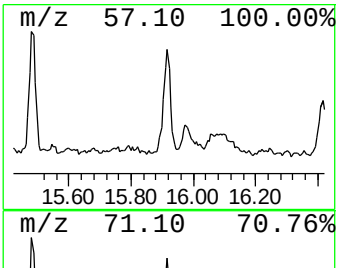
Peak Number 20 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.26 ng	97075	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090619\
Data File : BF116854.D
Acq On : 6 Sep 2019 10:31
Operator : HP/JU
Sample : K4650-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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...	2.12	21.3	ng	482507	1	6.85	452145	20.0
unknown6.62	6.62	102.0	ng	2306150	1	6.85	452145	20.0
unknown10.08	10.08	3.8	ng	129451	3	9.88	684582	20.0
Phenanthrene, 2-m...	11.86	7.2	ng	255423	4	11.36	712451	20.0
n-Hexadecanoic acid	11.90	64.0	ng	2281400	4	11.36	712451	20.0
Phenanthrene, 1-m...	11.94	4.5	ng	159346	4	11.36	712451	20.0
4H-Cyclopenta[def...	11.97	12.1	ng	429280	4	11.36	712451	20.0
Naphthalene, 2-ph...	12.16	4.1	ng	145647	4	11.36	712451	20.0
9,10-Anthracenedione	12.18	4.1	ng	145901	4	11.36	712451	20.0
9,10-Dimethylanth...	12.42	4.4	ng	157053	4	11.36	712451	20.0
Cyclopenta(def)ph...	12.50	3.7	ng	130300	4	11.36	712451	20.0
Octadecanoic acid	12.69	37.4	ng	2813070	5	14.00	1504970	20.0
11H-Benzo[b]fluorene	13.13	3.5	ng	263071	5	14.00	1504970	20.0
11H-Benzo[a]fluor...	13.63	3.3	ng	249277	5	14.00	1504970	20.0
9-Eicosene, (E)-	13.84	8.1	ng	605383	5	14.00	1504970	20.0
Nonadecane	14.77	4.8	ng	141484	6	15.46	594807	20.0
Benzo[e]pyrene	15.14	4.8	ng	141889	6	15.46	594807	20.0
Perylene	15.34	14.2	ng	423559	6	15.46	594807	20.0
Eicosane	15.92	3.3	ng	97075	6	15.46	594807	20.0