LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

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-BF051019.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	23	rVB	1371155	1701916	21.63%	1.631%
2	5.481	572	577	580	rBV	6993348	6887084	87.51%	6.599%
3	6.487	743	748	751	rBV	6870368	7869864	100.00%	7.540%
4	6.622	767	771	775	rBV	7493783	7474625	94.98%	7.162%
5	6.851	806	810	813	rBV	2052991	1764965	22.43%	1.691%
6	7.010	832	837	840	rBV	6080063	5670061	72.05%	5.433%
7	7.410	900	905	908	rBV	5368879	5000238	63.54%	4.791%
8	8.128	1023	1027	1030	rBV	2654115	2251635	28.61%	2.157%
9	8.151	1030	1031	1036	rVB	185175	101856	1.29%	0.098%
10	8.839	1146	1148	1154	rVB	95697	82419	1.05%	0.079%
11	9.204	1205	1210	1213	rBV	8518423	7554352	95.99%	7.238%
12	9.592	1273	1276	1281	rBV	1571040	1263847	16.06%	1.211%
13	9.739	1298	1301	1305	rBV	310150	261241	3.32%	0.250%
14	9.880	1319	1325	1329	rBV	2883397	2429435	30.87%	2.328%
15	10.669	1454	1459	1463	rBV	5206897	5139748	65.31%	4.925%
16	10.792	1476	1480	1484	rBV3	92545	108896	1.38%	0.104%
17	11.169	1542	1544	1547	rVB	114434	91348	1.16%	0.088%
18	11.263	1557	1560	1565	rVB	138329	144079	1.83%	0.138%
19	11.310	1565	1568	1573	rBV7	53000	88372	1.12%	0.085%
20	11.363	1573	1577	1579	rVV	2854481	2596148	32.99%	2.487%
21	11.386	1579	1581	1585	rVV	1876014	1543368	19.61%	1.479%
22	11.439	1588	1590	1593	rVV	191776	145617	1.85%	0.140%
23	11.469	1593	1595	1599	rVV2	108162	100730	1.28%	0.097%
24	11.657	1621	1627	1631	rBV2	205601	218891	2.78%	0.210%
25	11.698	1631	1634	1637	rVB	138885	127164	1.62%	0.122%
26	11.816	1651	1654	1659	rBV3	139056	181016	2.30%	0.173%
27	11.863	1659	1662	1664	rVV	535004	512679	6.51%	0.491%
28	11.892	1664	1667	1673	rVV	1704256	1615437	20.53%	1.548%
29	11.974	1677	1681	1683	rVV2	780278	772365	9.81%	0.740%
30	11.998	1683	1685	1690	rVB	499197	427545	5.43%	0.410%
31	12.157	1709	1712	1714	rBV	484708	436125	5.54%	0.418%
32	12.186	1714	1717	1723	rVB2	551289	563818	7.16%	0.540%
33	12.310	1736	1738	1741	rVB2	127402	91415	1.16%	0.088%
34	12.339	1741	1743	1745	rBV	105365	83356	1.06%	0.080%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.363	1745	1747	1750	rVB2	103840	94688	1.20%	0.091%
36	12.416	1750	1756	1759	rBV2	552121	641918	8.16%	0.615%
37	12.451	1759	1762	1764	rVV2	247413	250104	3.18%	0.240%
38	12.474	1764	1766	1768	rVB2	136544	101131	1.29%	0.097%
39	12.498	1768	1770	1775	rBV3	377524	415086	5.27%	0.398%
40	12.580	1778	1784	1787	rBV	2309633	2264926	28.78%	2.170%
41	12.621	1788	1791	1793	rBV	124275	99288	1.26%	0.095%
42	12.639	1793	1794	1797	rVB2	101926	82497	1.05%	0.079%
43	12.674	1797	1800	1803	rBV	539816	500928	6.37%	0.480%
44	12.704	1803	1805	1807	rBV	183724	133314	1.69%	0.128%
45	12.810	1817	1823	1828	rBV	3655903	3609396	45.86%	3.458%
46	12.863	1828	1832	1835	rVB3	142714	189532	2.41%	0.182%
47	12.951	1842	1847	1850	rBV	6678874	6255012	79.48%	5.993%
48	13.021	1856	1859	1866	rBV2	404621	588226	7.47%	0.564%
49	13.080	1866	1869	1871	rBV4	102599	101112	1.28%	0.097%
50	13.110	1871	1874	1876	rBV3	334639	431253	5.48%	0.413%
51	13.198	1887	1889	1893	rVB	141844	109607	1.39%	0.105%
52	13.239	1893	1896	1899	rBV	557807	457463	5.81%	0.438%
53	13.327	1908	1911	1914	rBV	472500	423791	5.38%	0.406%
54	13.363	1914	1917	1920	rVB	398213	374719	4.76%	0.359%
55	13.451	1929	1932	1935	rVB3	91019	89607	1.14%	0.086%
56	13.521	1939	1944	1952	rVB8	111249	288462	3.67%	0.276%
57	13.639	1961	1964	1969	rVB	367086	345713	4.39%	0.331%
58	13.745	1977	1982	1985	rBV2	322785	460450	5.85%	0.441%
59	13.780	1985	1988	1990	rVV	364436	361071	4.59%	0.346%
60	13.804	1990	1992	1995	rVV	317634	273406	3.47%	0.262%
61	13.839	1995	1998	2007	rVV3	670605	950900	12.08%	0.911%
62	13.915	2009	2011	2018	rVB3	69889	128673	1.64%	0.123%
63	14.004	2020	2026	2028	rBV2	2151261	3098053	39.37%	2.968%
64	14.027	2028	2030	2035	rVB	1404204	1228522	15.61%	1.177%
65	14.145	2047	2050	2052	rBV	391476	321323	4.08%	0.308%
66	14.257	2067	2069	2072	rVB2	124184	107239	1.36%	0.103%
67	14.351	2083	2085	2087	rBV2	105172	94839	1.21%	0.091%
68	14.386	2087	2091	2094	rVV	340877	415930	5.29%	0.399%
69	14.421	2094	2097	2101	rVV3	250403	281882	3.58%	0.270%
70	14.474	2101	2106	2110	rVV4	471100	699384	8.89%	0.670%
71	14.515	2110	2113	2115	rVV2	237369	281223	3.57%	0.269%

LSC Area Percent Report

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Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.533	2115	2116	2119	rVV	216482	166205	2.11%	0.159%
73	14.586	2122	2125	2128	rVB	153418	133858	1.70%	0.128%
74	14.774	2154	2157	2159	rBV	258003	203391	2.58%	0.195%
75	14.798	2159	2161	2166	rVB2	200418	259457	3.30%	0.249%
76	14.851	2166	2170	2179	rBV2	603844	866199	11.01%	0.830%
77	15.039	2198	2202	2210	rVB	1047860	1948232	24.76%	1.867%
78	15.110	2210	2214	2217	rBV	355822	404565	5.14%	0.388%
79	15.145	2217	2220	2226	rVB	263065	343791	4.37%	0.329%
80	15.339	2249	2253	2259	rVB	924026	1130087	14.36%	1.083%
81	15.404	2259	2264	2268	rVB	991873	1218238	15.48%	1.167%
82	15.468	2269	2275	2278	rBV	1592266	2317176	29.44%	2.220%
83	15.915	2348	2351	2356	rVB	225826	310717	3.95%	0.298%
84	16.421	2433	2437	2441	rVB	98384	142858	1.82%	0.137%
85	16.586	2461	2465	2476	rVB5	172065	391748	4.98%	0.375%
86	16.768	2493	2496	2501	rVB3	122268	172624	2.19%	0.165%
87	16.921	2516	2522	2530	rVB2	502825	957496	12.17%	0.917%
88	17.092	2547	2551	2556	rBV	90933	170684	2.17%	0.164%
89	17.151	2558	2561	2566	rVB2	76213	130639	1.66%	0.125%
90	17.362	2590	2597	2606	rVB2	497829	1020982	12.97%	0.978%
91	17.509	2617	2622	2631	rVB10	94359	229128	2.91%	0.220%

Sum of corrected areas: 104370398

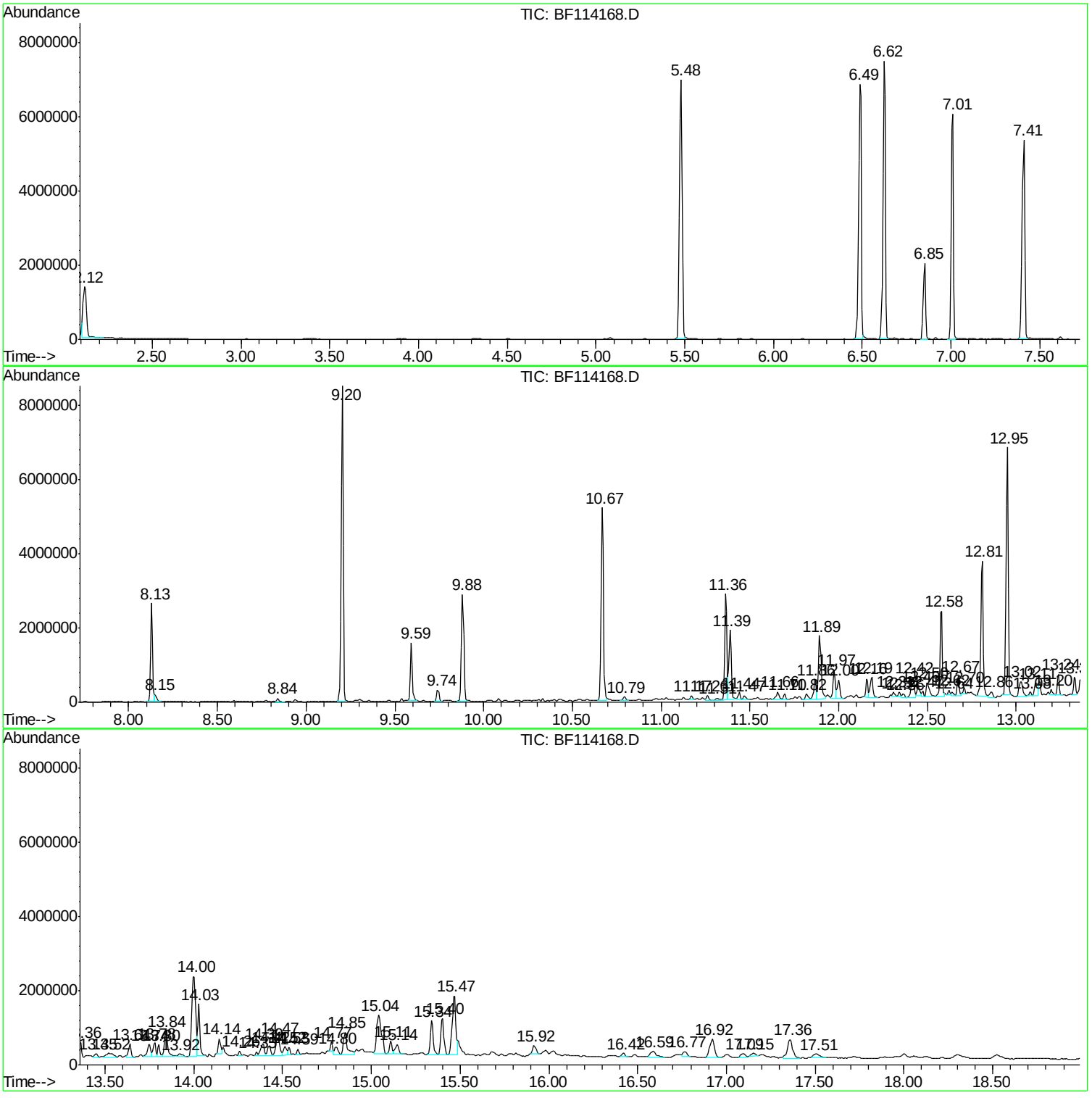
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

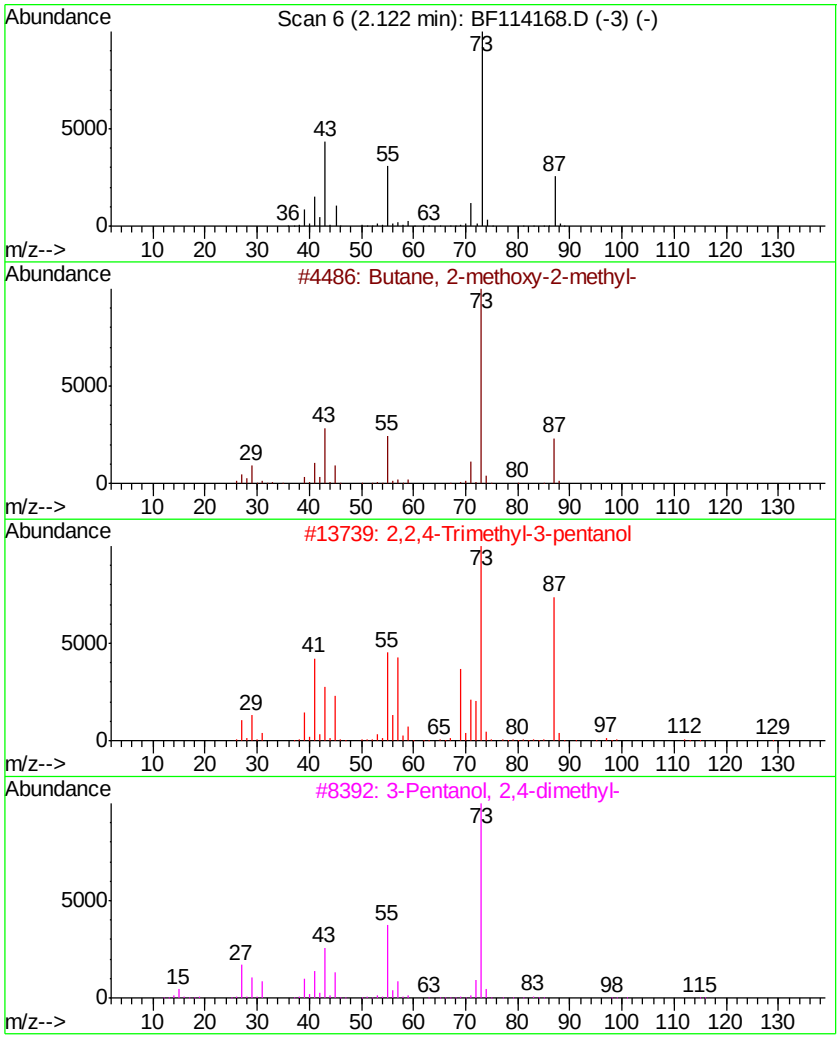
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

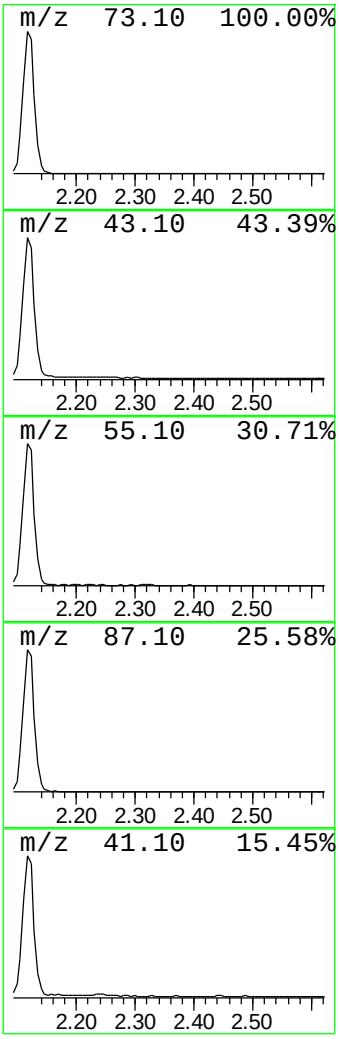
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	19.29 ng	1701920	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

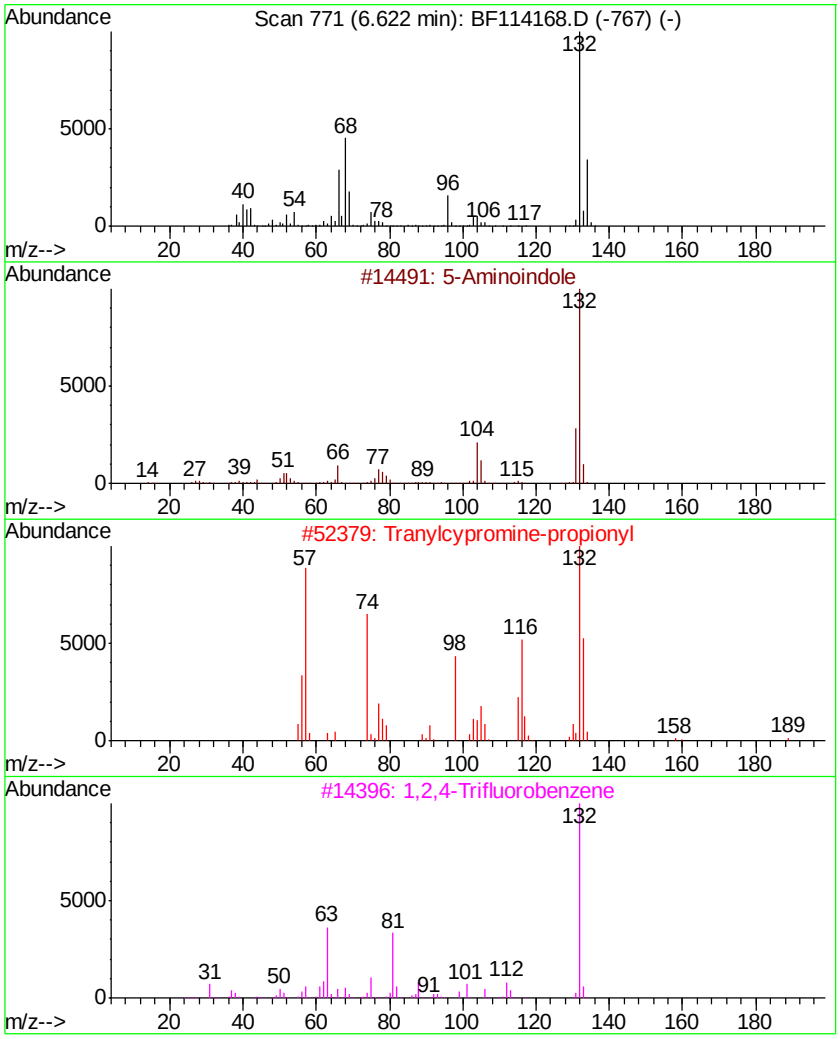
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

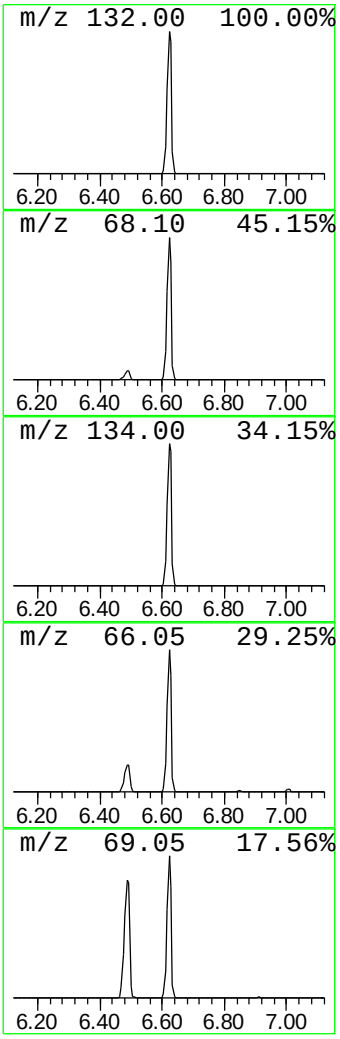
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	84.70 ng	7474630	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
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Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

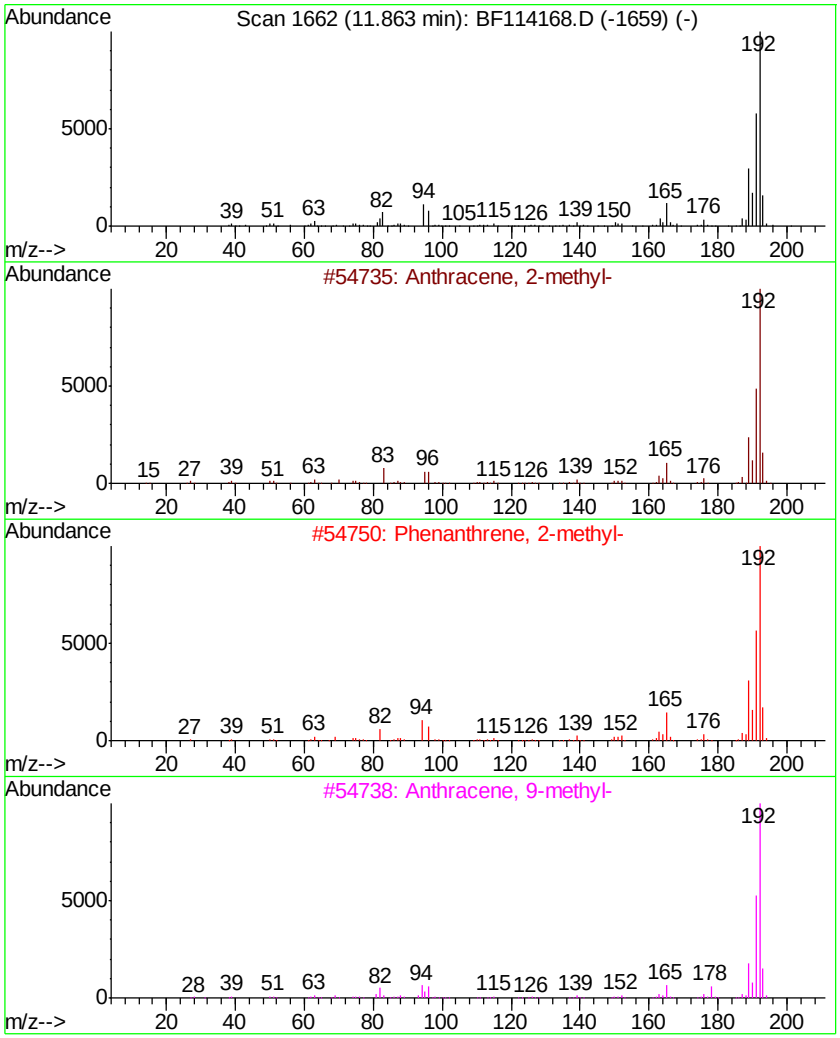
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

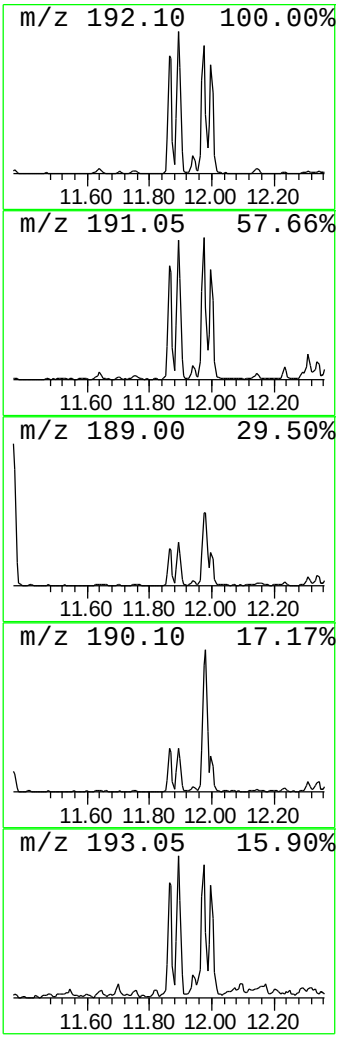
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.95 ng	512679	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
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Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

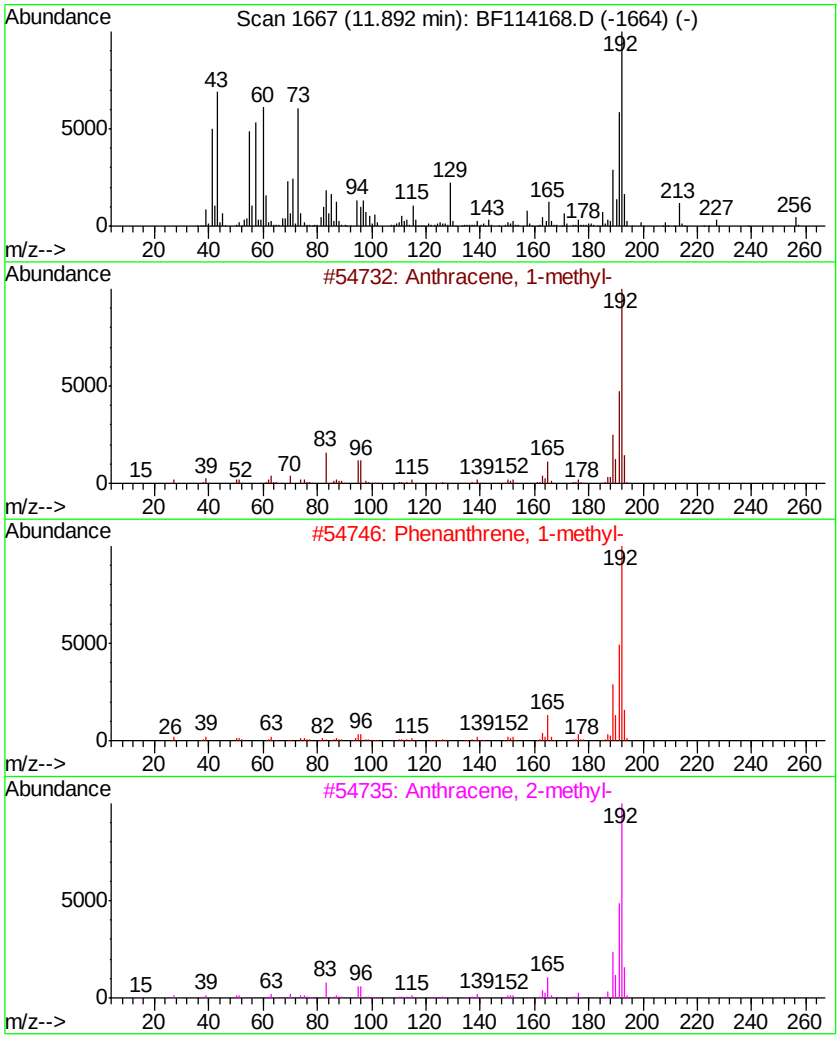
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

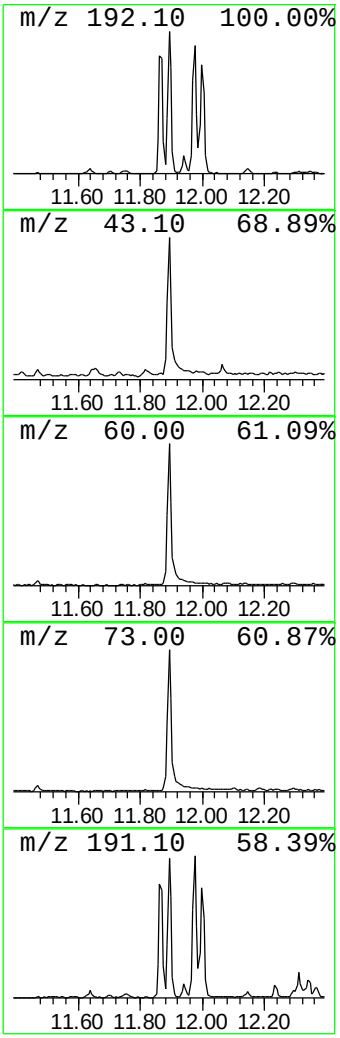
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	12.44 ng	1615440	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

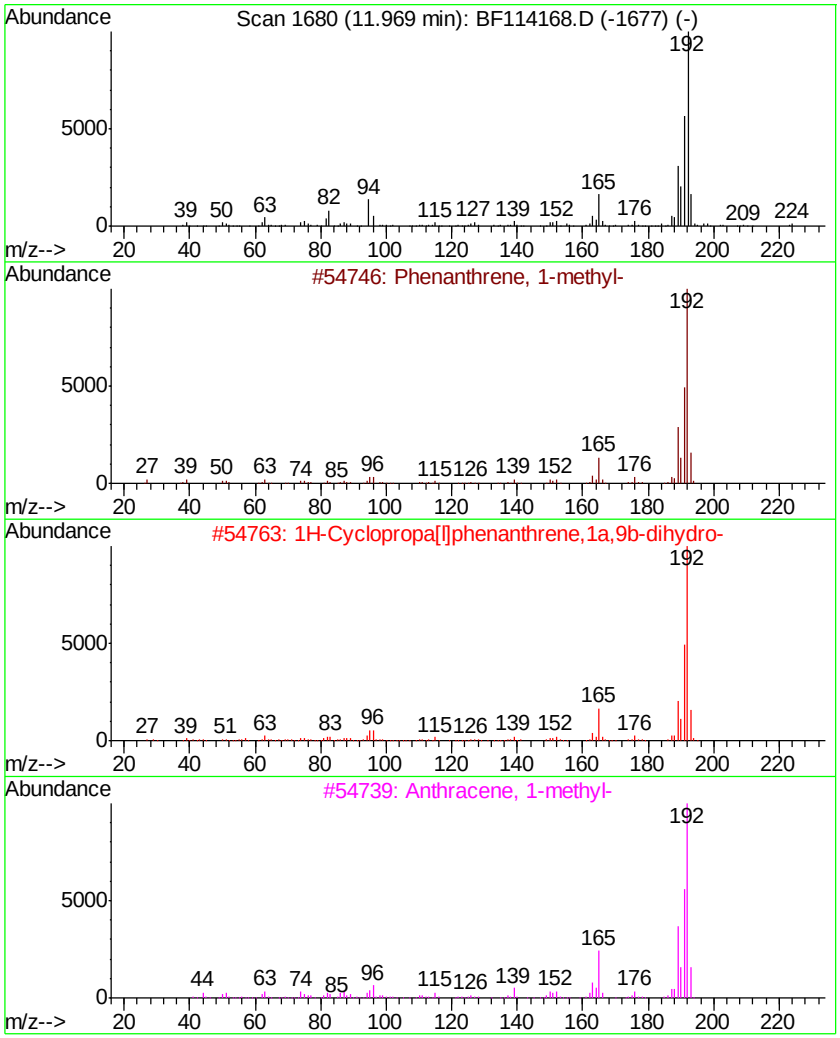
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

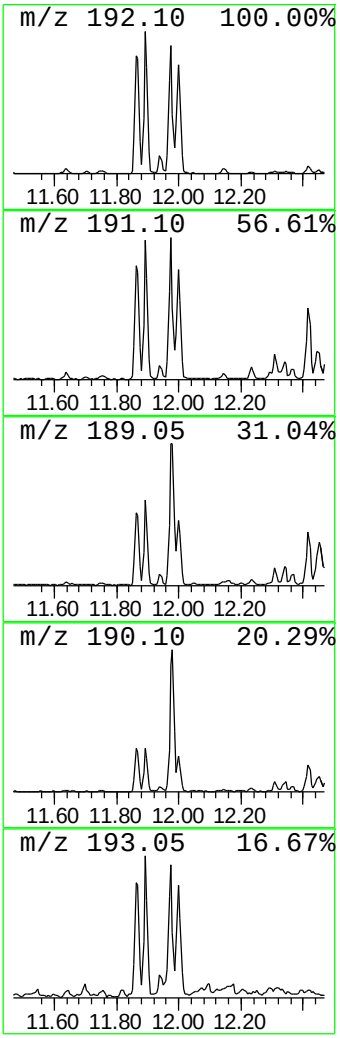
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.95 ng	772365	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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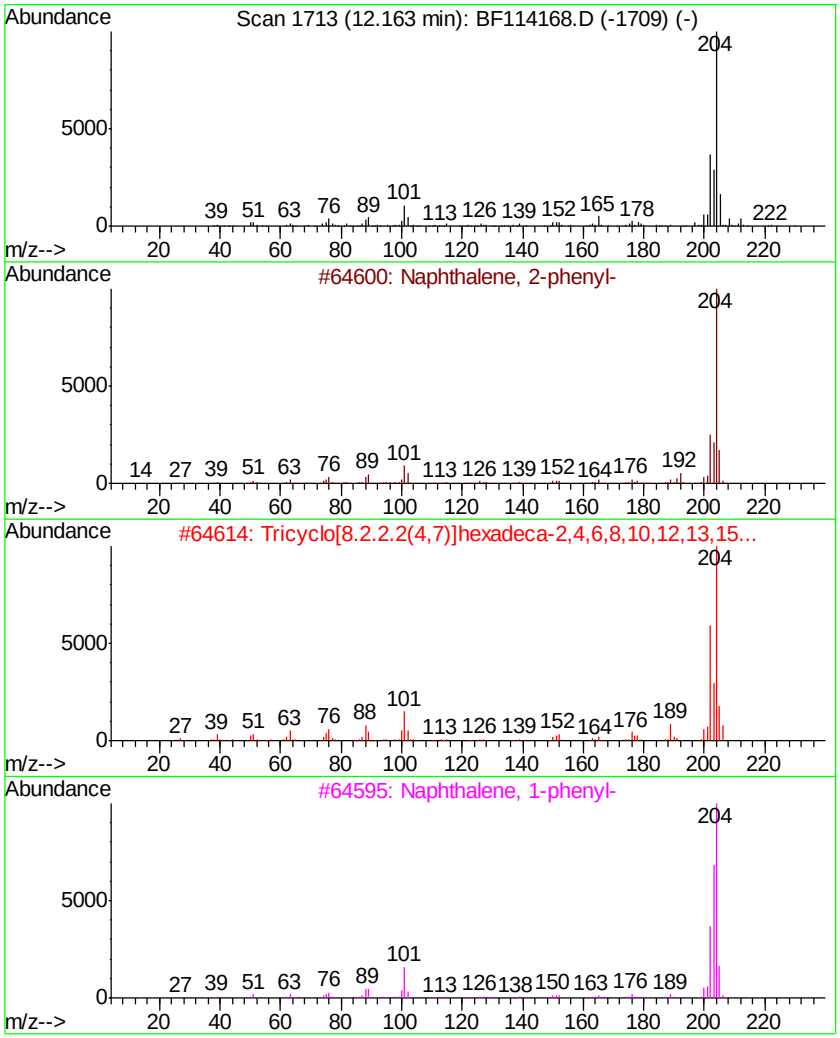
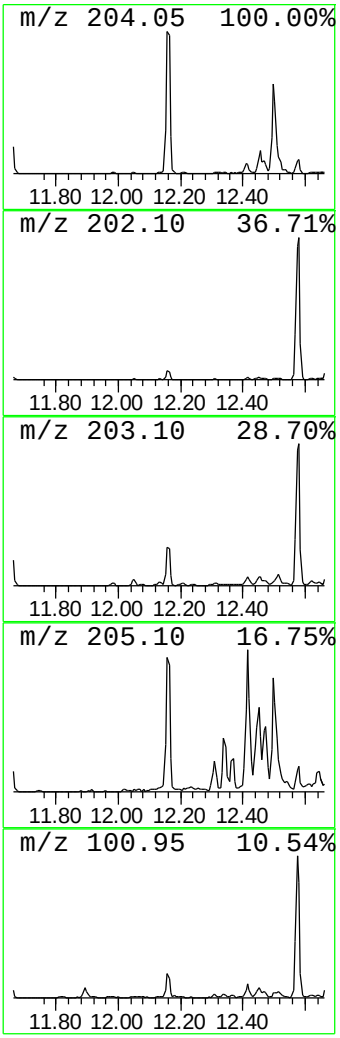
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.36 ng	436125	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

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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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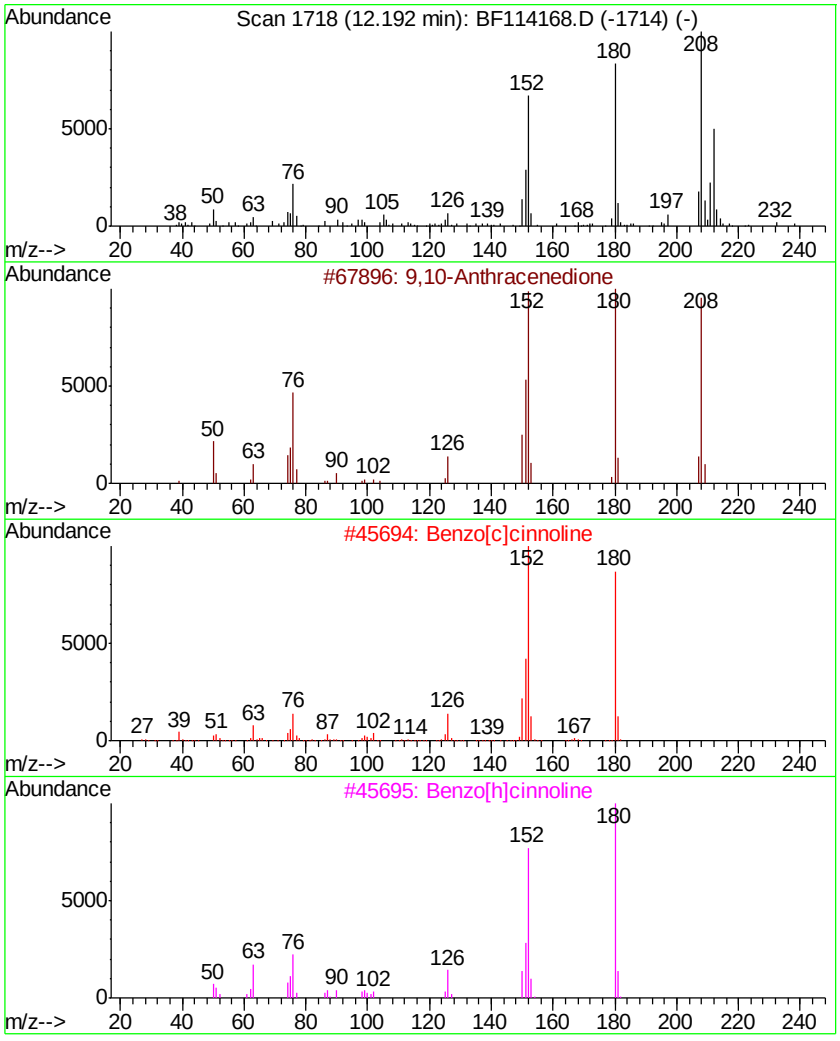
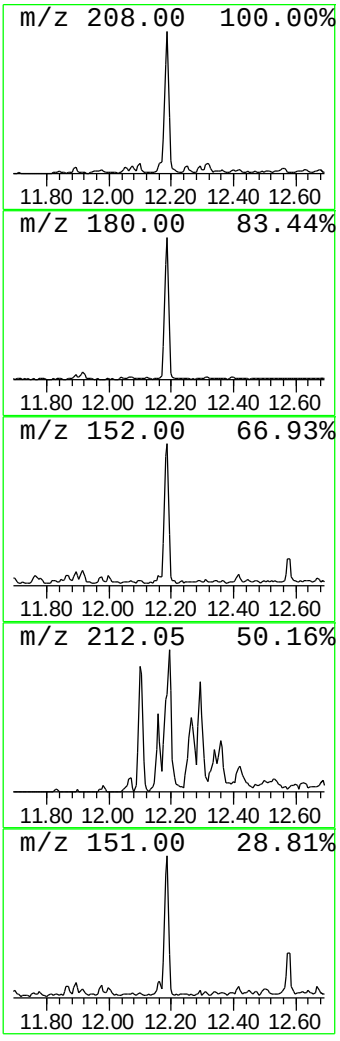
Peak Number 9 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.34 ng	563818	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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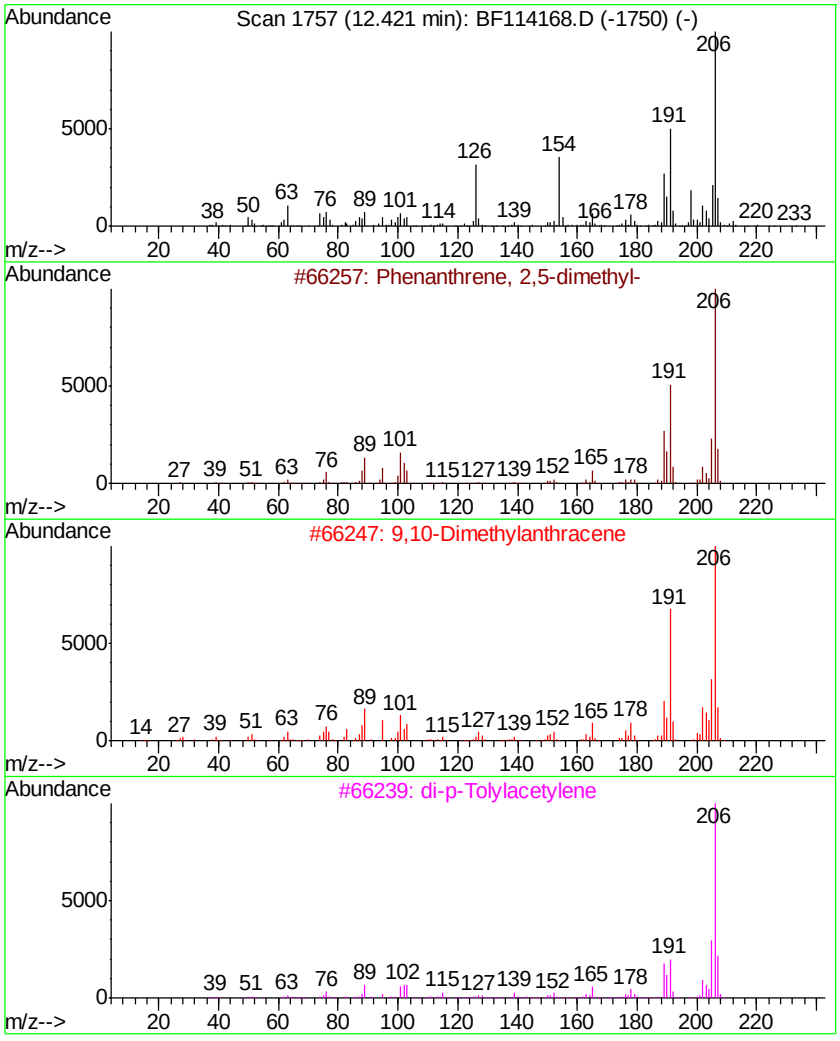
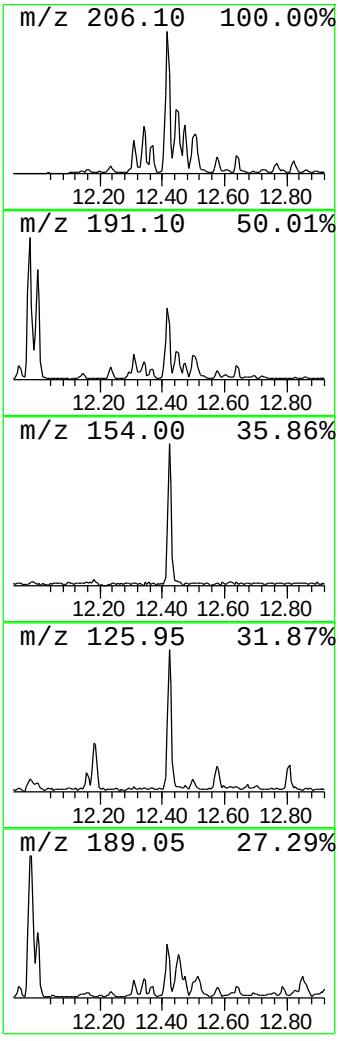
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.95 ng	641918	Phenanthrene-d10	11.36

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	92
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





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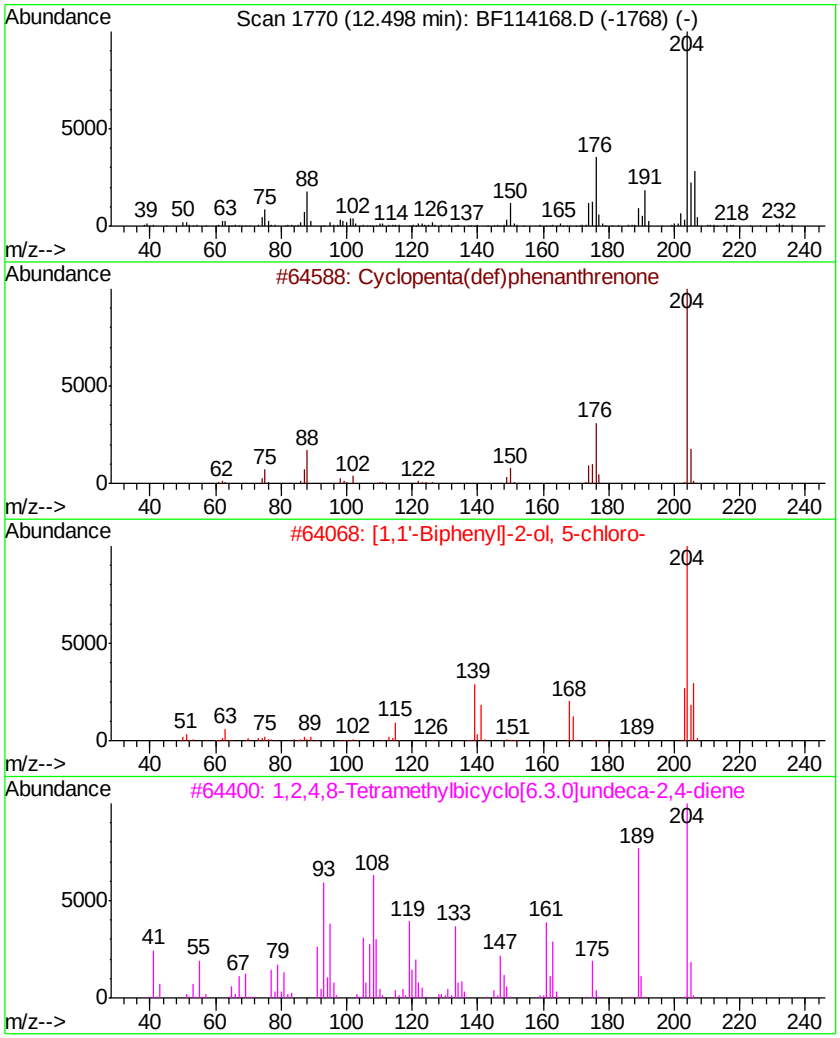
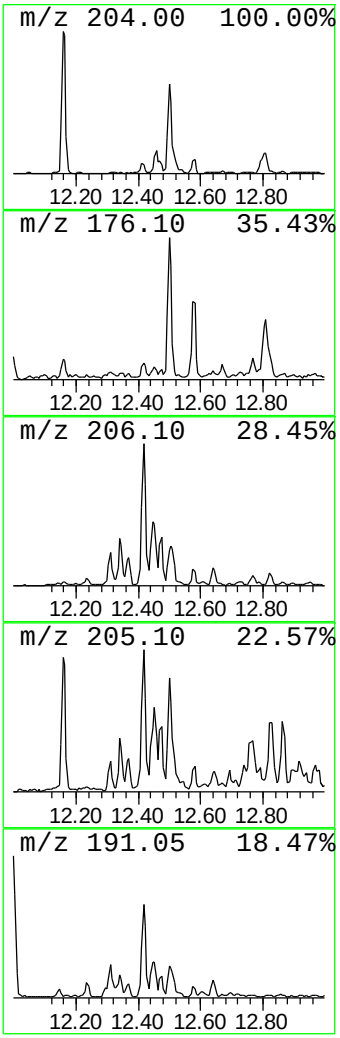
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.20 ng	415086	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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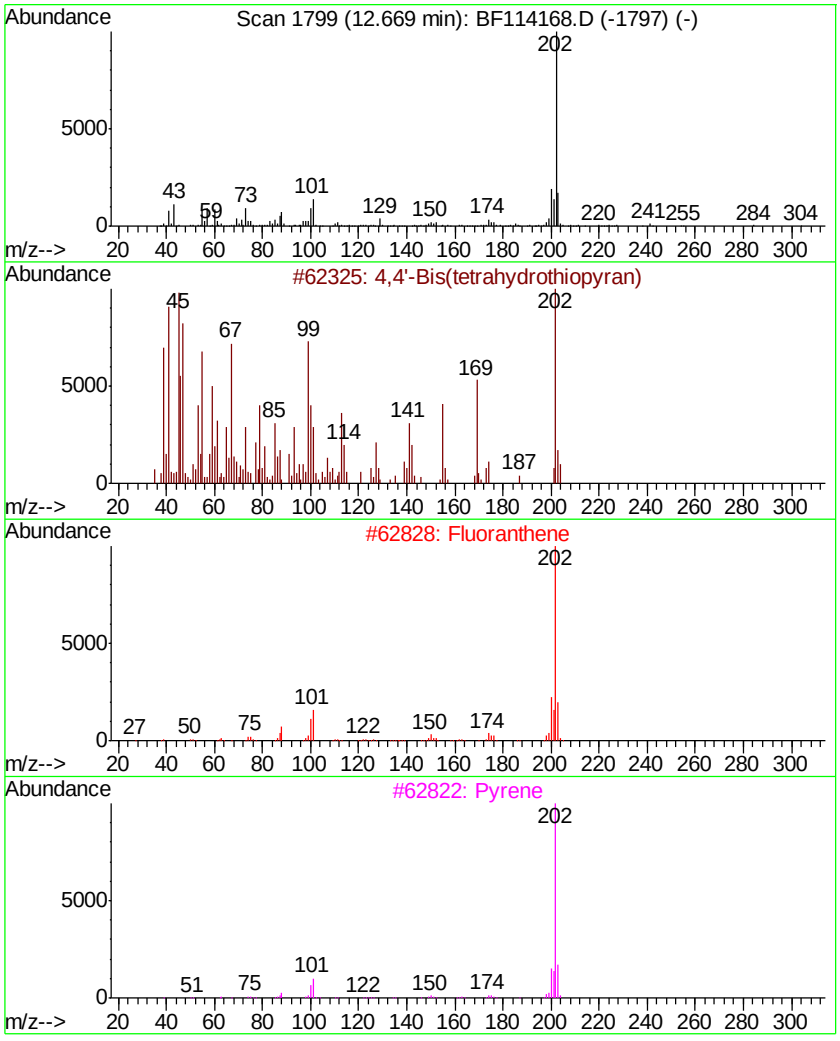
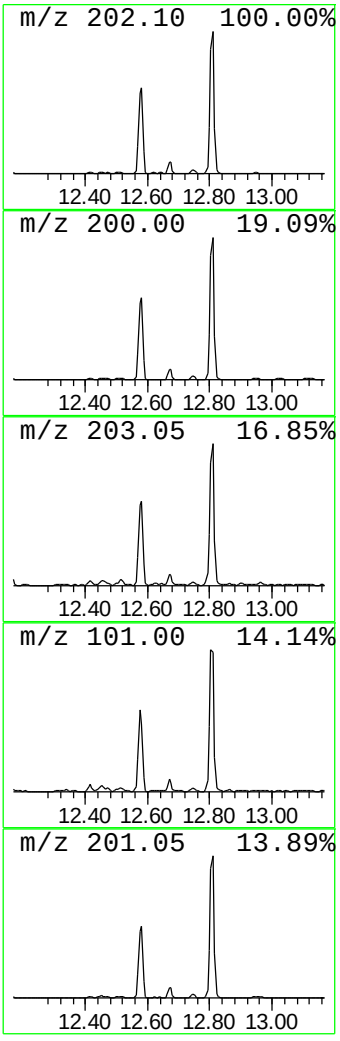
Peak Number 12 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	3.86 ng	500928	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	96
2	Fluoranthene	202	C16H10	000206-44-0	91
3	Pyrene	202	C16H10	000129-00-0	70
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
5	l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	43





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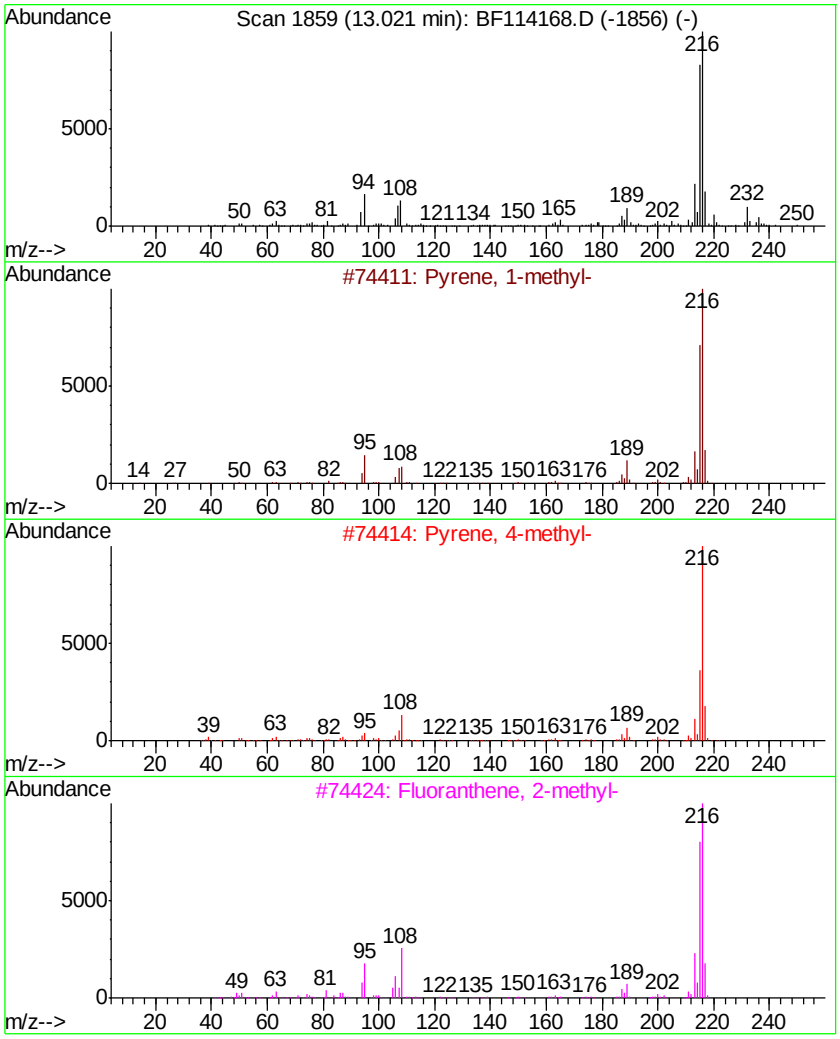
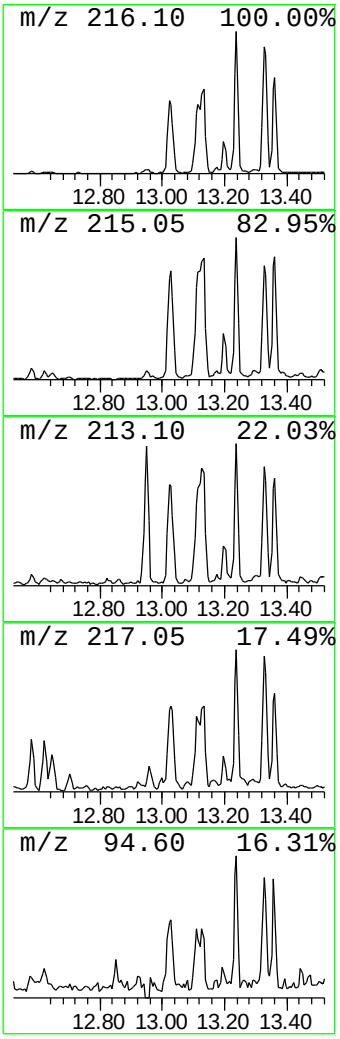
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.80 ng	588226	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89





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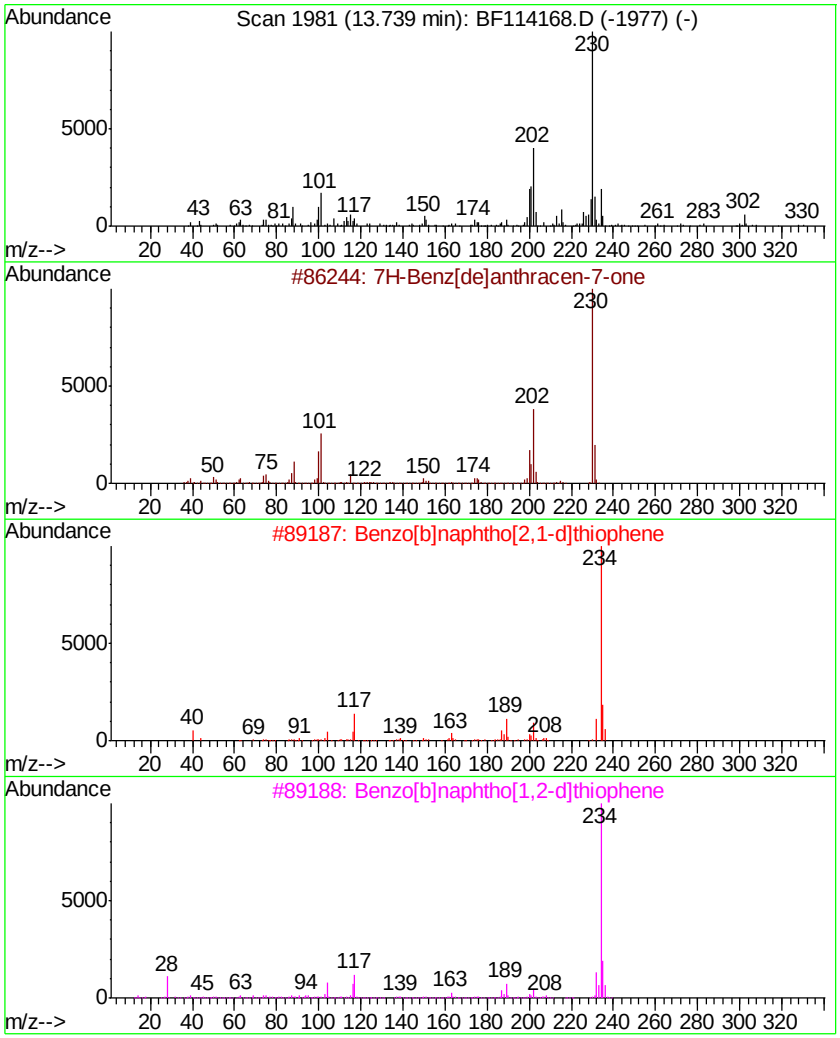
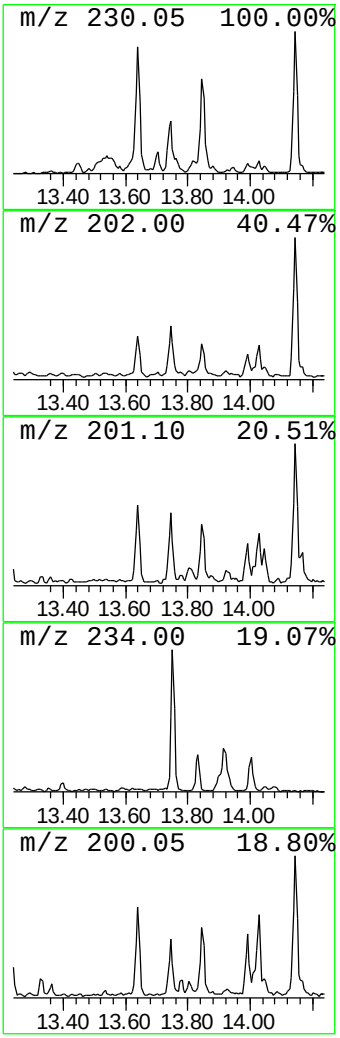
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.97 ng	460450	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	66
5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	51





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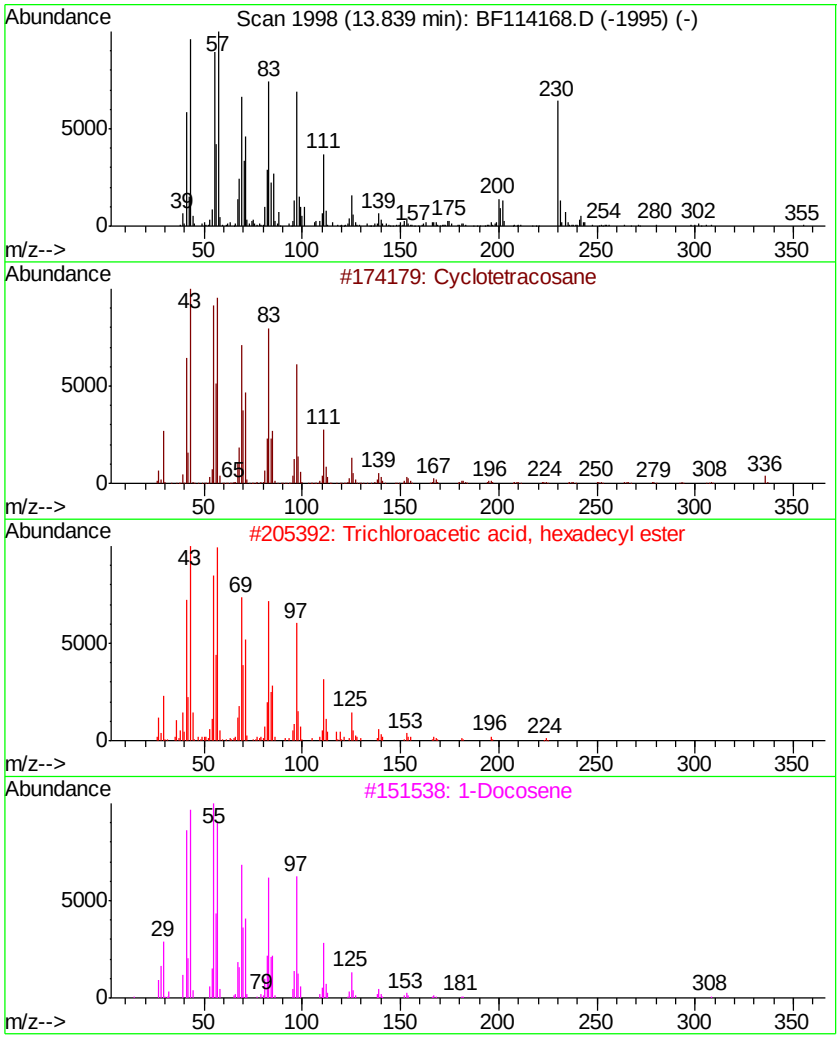
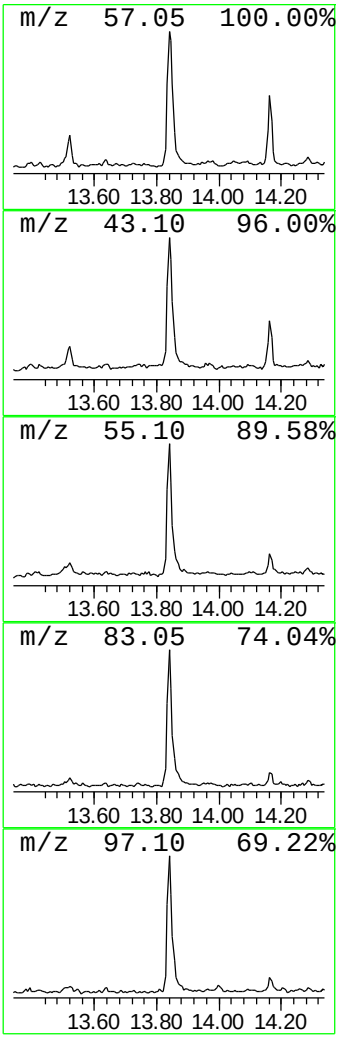
Peak Number 15 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.14 ng	950900	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	Cycloeicosane	280	C20H40	000296-56-0	86
5	1-Tricosene	322	C23H46	018835-32-0	81





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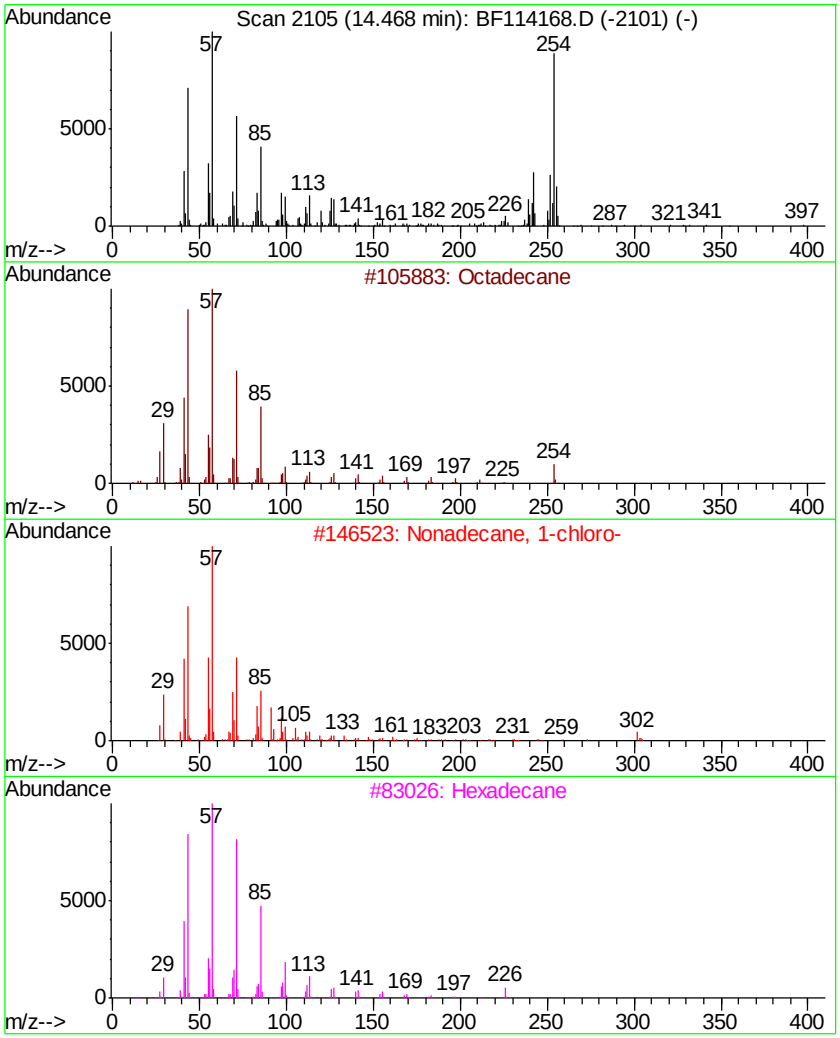
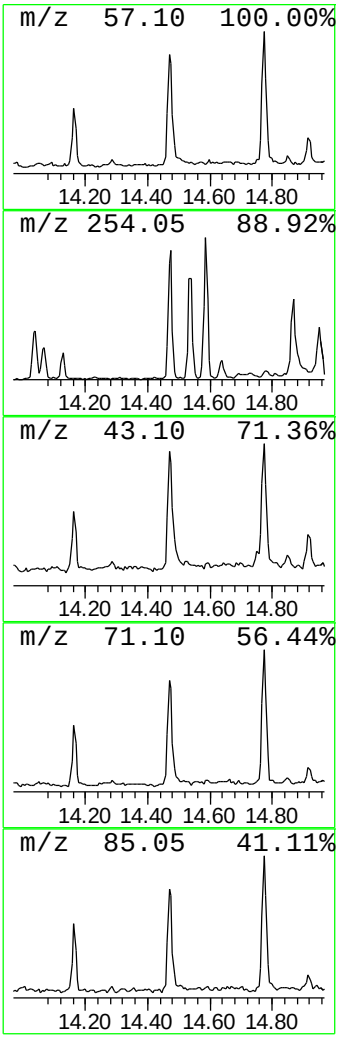
Peak Number 16 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	4.51 ng	699384	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	74
3	Hexadecane	226	C16H34	000544-76-3	60
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	59
5	2,2'-Binaphthalene	254	C20H14	000612-78-2	56





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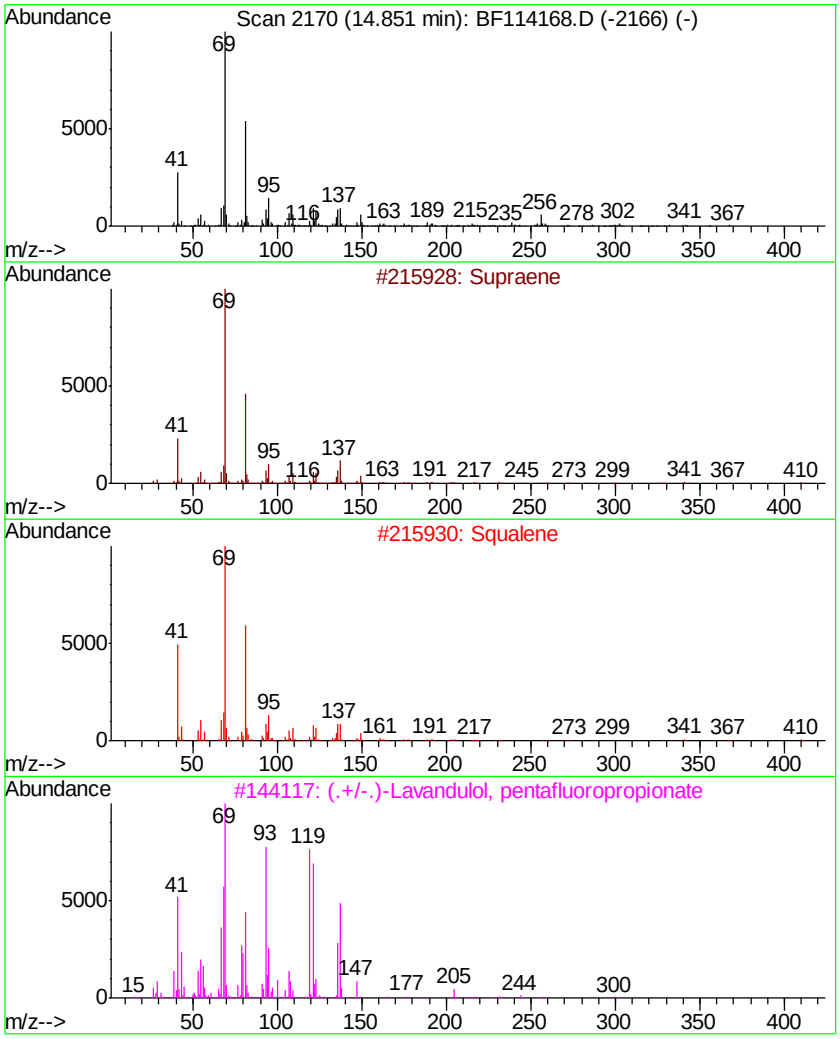
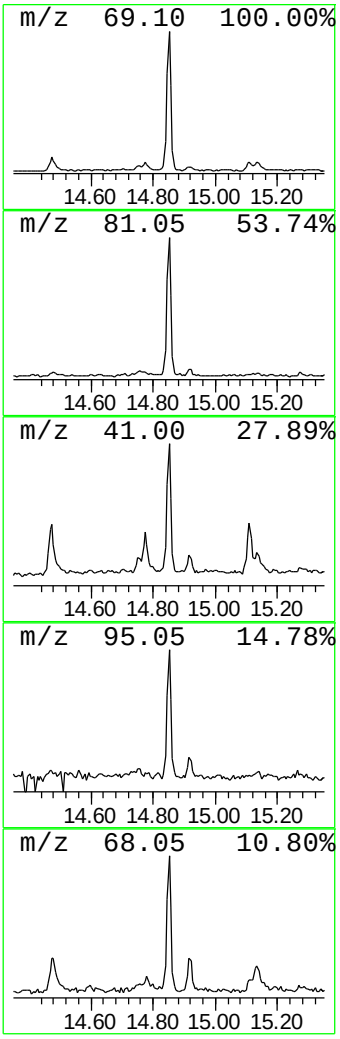
Peak Number 17 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	7.48 ng	866199	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	87
3	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
4	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59





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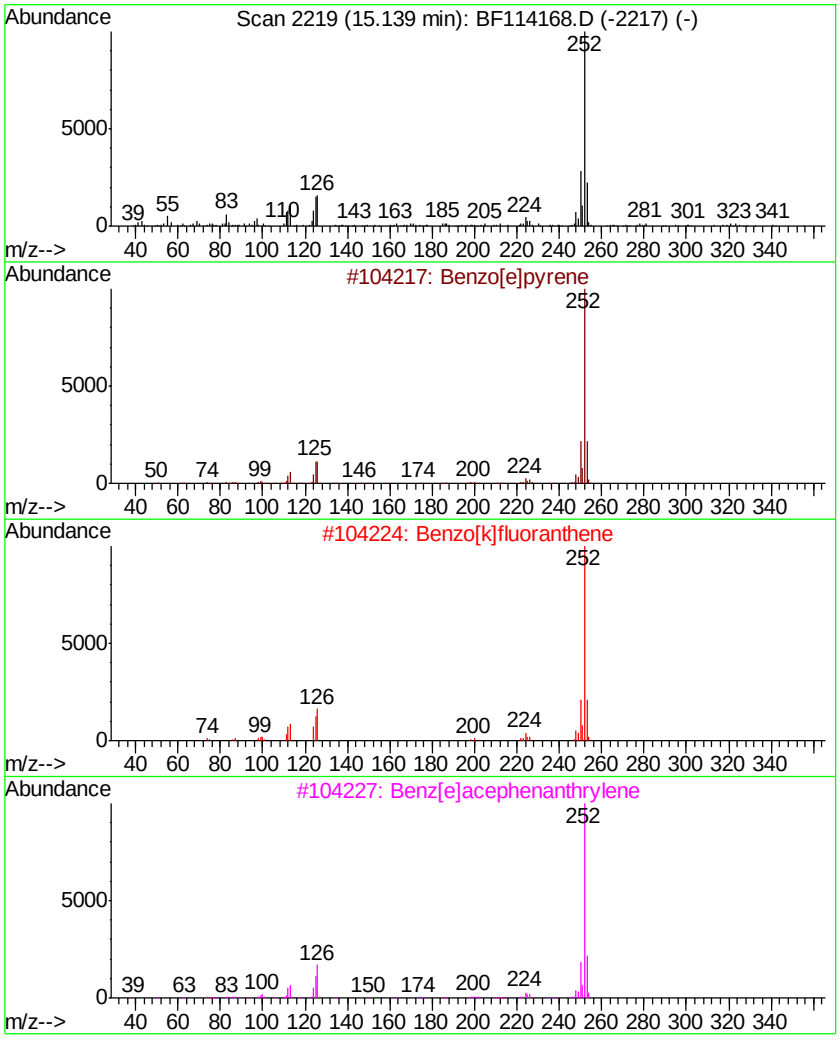
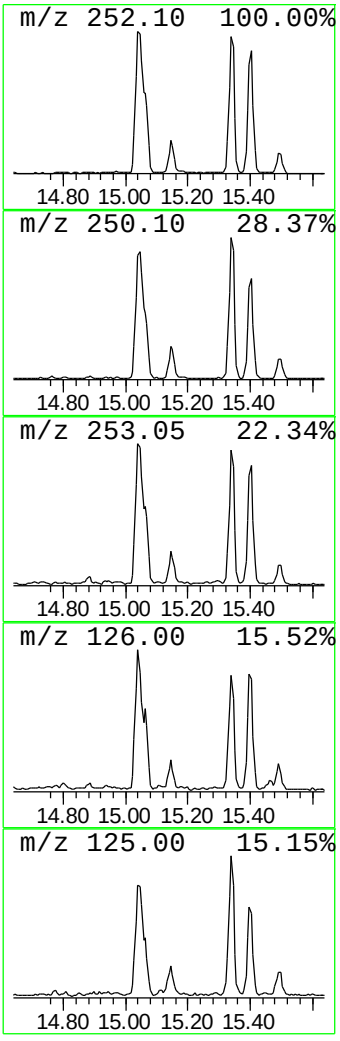
Peak Number 18 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.97 ng	343791	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	98
5	Perylene	252	C20H12	000198-55-0	94





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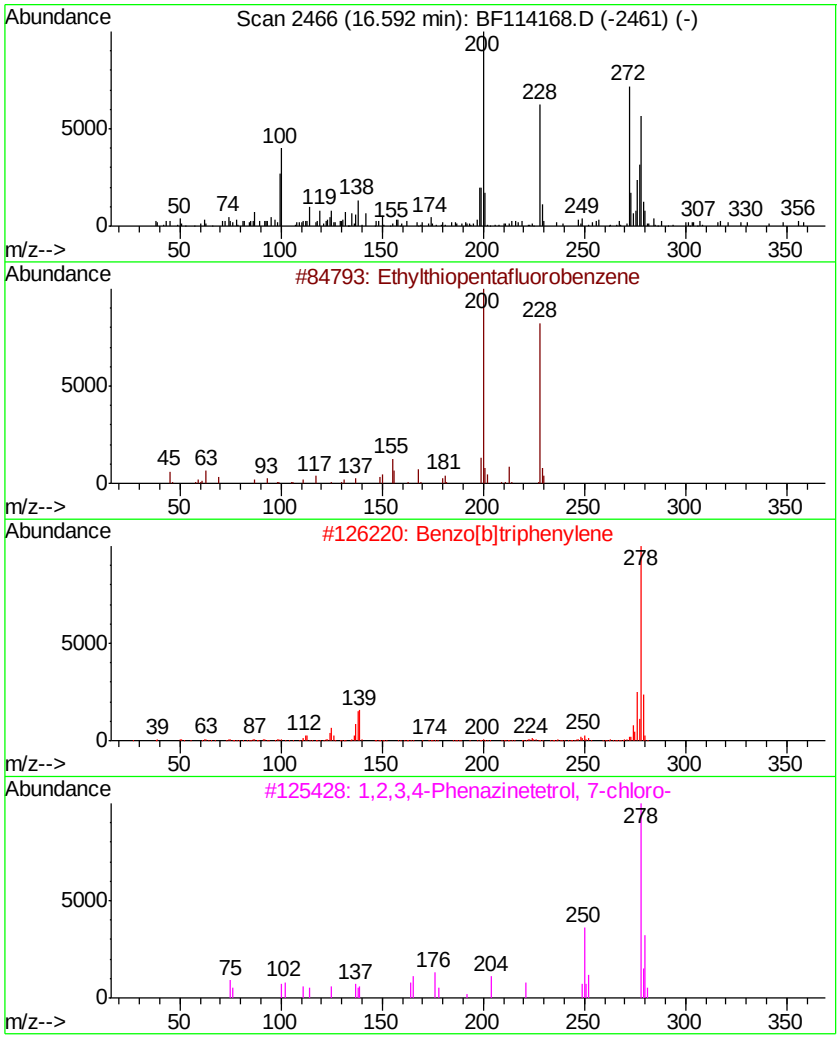
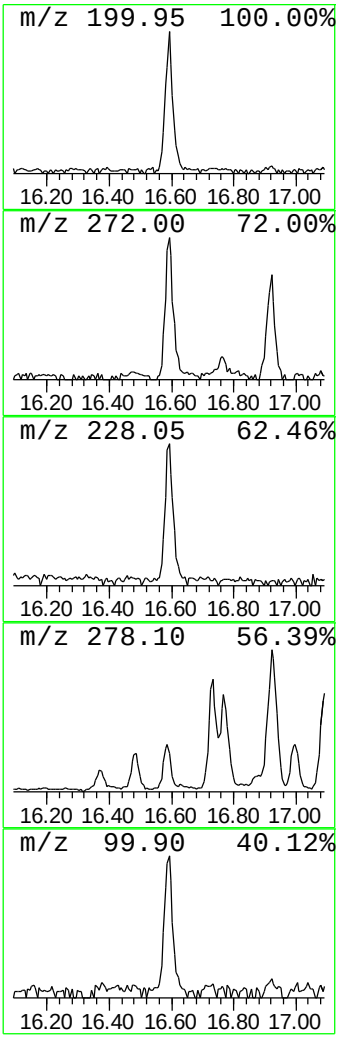
Peak Number 20 unknown16.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.38 ng	391748	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylthiopentafluorobenzene	228	C8H5F5S	033288-21-0	18
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	15
3	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	15
4	9,10-Anthracenedicarbonitrile	228	C16H8N2	001217-45-4	11
5	2-Methyl-4,6-di(2-hydroxyphenyl)...	278	C17H14N2O2	1000070-55-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
Data File : BF114168.D
Acq On : 11 May 2019 22:14
Operator : JU/SJ
Sample : K2765-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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	19.3	ng	1701920	1	6.85	1764970	20.0
unknown6.62	6.62	84.7	ng	7474630	1	6.85	1764970	20.0
Anthracene, 2-met...	11.86	4.0	ng	512679	4	11.36	2596150	20.0
Anthracene, 1-met...	11.89	12.4	ng	1615440	4	11.36	2596150	20.0
Phenanthrene, 1-m...	11.97	6.0	ng	772365	4	11.36	2596150	20.0
Naphthalene, 2-ph...	12.16	3.4	ng	436125	4	11.36	2596150	20.0
9,10-Anthracenedione	12.19	4.3	ng	563818	4	11.36	2596150	20.0
Phenanthrene, 2,5...	12.42	5.0	ng	641918	4	11.36	2596150	20.0
Cyclopenta(def)ph...	12.50	3.2	ng	415086	4	11.36	2596150	20.0
4,4'-Bis(tetrahyd...	12.67	3.9	ng	500928	4	11.36	2596150	20.0
Pyrene, 1-methyl-	13.02	3.8	ng	588226	5	14.00	3098050	20.0
7H-Benz[de]anthra...	13.74	3.0	ng	460450	5	14.00	3098050	20.0
Cyclotetracosane	13.84	6.1	ng	950900	5	14.00	3098050	20.0
Octadecane	14.47	4.5	ng	699384	5	14.00	3098050	20.0
Supraene	14.85	7.5	ng	866199	6	15.47	2317180	20.0
Benzo[e]pyrene	15.14	3.0	ng	343791	6	15.47	2317180	20.0
unknown16.59	16.59	3.4	ng	391748	6	15.47	2317180	20.0