LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115962.D
Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

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-BF073019.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	5.475	571	576	600	rBV	2374070	2565371	72.60%	5.035%
2	6.487	743	748	767	rBV	2609097	2736007	77.43%	5.370%
3	6.622	767	771	774	rBV	3065964	2713599	76.79%	5.326%
4	6.851	806	810	818	rBV	866848	734600	20.79%	1.442%
5	7.010	833	837	840	rBV	2352509	2143142	60.65%	4.207%
6	7.410	901	905	919	rBV	1812369	1781217	50.41%	3.496%
7	8.134	1024	1028	1046	rBV	947331	968469	27.41%	1.901%
8	9.210	1207	1211	1222	rBV	3376383	3071161	86.91%	6.028%
9	9.328	1226	1231	1239	rVB2	176482	174730	4.94%	0.343%
10	9.551	1265	1269	1271	rBV	41137	39154	1.11%	0.077%
11	9.604	1275	1278	1284	rVB	390890	335375	9.49%	0.658%
12	9.751	1300	1303	1307	rVB	58850	48605	1.38%	0.095%
13	9.892	1323	1327	1330	rBV	1226468	1089451	30.83%	2.138%
14	9.922	1330	1332	1336	rVB	228417	182884	5.18%	0.359%
15	10.098	1358	1362	1366	rBV	123325	124643	3.53%	0.245%
16	10.439	1416	1420	1424	rBV	228063	202097	5.72%	0.397%
17	10.475	1424	1426	1430	rBV2	38469	60567	1.71%	0.119%
18	10.598	1444	1447	1450	rVB	69511	63280	1.79%	0.124%
19	10.681	1457	1461	1468	rBV	2098174	2110828	59.74%	4.143%
20	10.986	1507	1513	1516	rBV3	57428	80010	2.26%	0.157%
21	11.116	1530	1535	1537	rBV3	54488	63527	1.80%	0.125%
22	11.186	1543	1547	1551	rVB	106282	94844	2.68%	0.186%
23	11.228	1551	1554	1559	rVV3	50293	76088	2.15%	0.149%
24	11.275	1559	1562	1567	rVB	160102	142987	4.05%	0.281%
25	11.380	1576	1580	1582	rBV	1307700	1299303	36.77%	2.550%
26	11.404	1582	1584	1587	rVV	2735047	2274055	64.36%	4.464%
27	11.451	1587	1592	1596	rVV	645647	664688	18.81%	1.305%
28	11.492	1596	1599	1602	rVB2	43142	46731	1.32%	0.092%
29	11.610	1614	1619	1627	rBV2	250626	310025	8.77%	0.609%
30	11.669	1627	1629	1634	rVV2	60855	67279	1.90%	0.132%
31	11.716	1634	1637	1641	rVB4	40710	51532	1.46%	0.101%
32	11.880	1660	1665	1667	rBV	264379	244566	6.92%	0.480%
33	11.910	1667	1670	1675	rVV	482845	496802	14.06%	0.975%
34	11.957	1675	1678	1681	rVV	169553	158232	4.48%	0.311%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.992	1681	1684	1687	rVV	408592	472380	13.37%	0.927%
36	12.016	1687	1688	1693	rVB	179436	106408	3.01%	0.209%
37	12.057	1693	1695	1697	rBV2	38071	37381	1.06%	0.073%
38	12.086	1697	1700	1702	rVB3	40532	42549	1.20%	0.084%
39	12.175	1712	1715	1718	rBV	208789	173447	4.91%	0.340%
40	12.204	1718	1720	1725	rVB	137204	112750	3.19%	0.221%
41	12.322	1735	1740	1743	rBV3	59240	70948	2.01%	0.139%
42	12.427	1753	1758	1761	rBV	127038	167000	4.73%	0.328%
43	12.469	1761	1765	1770	rVB4	102587	182989	5.18%	0.359%
44	12.516	1770	1773	1778	rVB	116723	151610	4.29%	0.298%
45	12.598	1782	1787	1790	rBV	2643123	2516646	71.22%	4.940%
46	12.657	1795	1797	1800	rVB	76505	63078	1.79%	0.124%
47	12.686	1800	1802	1805	rBV	77719	79773	2.26%	0.157%
48	12.745	1805	1812	1815	rBV3	89679	127132	3.60%	0.250%
49	12.827	1819	1826	1829	rBV	2172038	2563617	72.55%	5.032%
50	12.869	1831	1833	1839	rVB2	110661	126275	3.57%	0.248%
51	12.963	1842	1849	1852	rBV	3505936	3533581	100.00%	6.936%
52	13.045	1857	1863	1866	rBV2	122322	212276	6.01%	0.417%
53	13.074	1866	1868	1870	rVB	54547	42278	1.20%	0.083%
54	13.127	1873	1877	1878	rBV3	105308	109283	3.09%	0.215%
55	13.151	1878	1881	1884	rVB	233395	227371	6.43%	0.446%
56	13.192	1884	1888	1890	rBV4	63106	84518	2.39%	0.166%
57	13.216	1890	1892	1895	rBV2	111479	87321	2.47%	0.171%
58	13.251	1895	1898	1902	rBV2	166598	199080	5.63%	0.391%
59	13.310	1906	1908	1911	rVB2	50580	44086	1.25%	0.087%
60	13.345	1911	1914	1917	rBV	82678	78610	2.22%	0.154%
61	13.380	1917	1920	1923	rBV3	95266	105311	2.98%	0.207%
62	13.439	1926	1930	1933	rBV	341743	315175	8.92%	0.619%
63	13.533	1941	1946	1948	rBV3	92979	114227	3.23%	0.224%
64	13.663	1965	1968	1972	rVB	133817	135272	3.83%	0.266%
65	13.769	1983	1986	1988	rBV	135721	136637	3.87%	0.268%
66	13.798	1988	1991	1993	rVV	133948	129483	3.66%	0.254%
67	13.821	1993	1995	1999	rVV2	128884	172891	4.89%	0.339%
68	13.869	1999	2003	2011	rVV3	261659	409020	11.58%	0.803%
69	14.021	2021	2029	2031	rBV2	1433336	2095383	59.30%	4.113%
70	14.045	2031	2033	2041	rVB	801548	778889	22.04%	1.529%
71	14.127	2044	2047	2052	rVB	178217	152408	4.31%	0.299%

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Instrument : BNA_F
ClientSampleId : TP-15

Integration Parameters: rteint.p
Integrator: RTE
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72	14.174	2052	2055	2059	rBV3	148597	166756	4.72%	0.327%
73	14.210	2059	2061	2064	rVB2	43118	37508	1.06%	0.074%
74	14.245	2064	2067	2070	rBV2	60218	81757	2.31%	0.160%
75	14.368	2086	2088	2090	rBV2	42523	38867	1.10%	0.076%
76	14.404	2091	2094	2098	rVV	129929	133803	3.79%	0.263%
77	14.439	2098	2100	2104	rVB	52032	46617	1.32%	0.092%
78	14.480	2104	2107	2110	rBV2	212859	206039	5.83%	0.404%
79	14.533	2113	2116	2118	rVV	80918	80643	2.28%	0.158%
80	14.551	2118	2119	2123	rVB2	63383	45935	1.30%	0.090%
81	14.721	2146	2148	2151	rBV	43591	40237	1.14%	0.079%
82	14.786	2156	2159	2165	rVB	230755	252022	7.13%	0.495%
83	14.863	2169	2172	2176	rVB	56339	51418	1.46%	0.101%
84	14.904	2176	2179	2186	rVB2	58868	83738	2.37%	0.164%
85	15.010	2187	2197	2199	rBV6	66759	186548	5.28%	0.366%
86	15.063	2201	2206	2209	rVV	661906	1058352	29.95%	2.077%
87	15.121	2213	2216	2221	rVV3	273867	363077	10.28%	0.713%
88	15.168	2221	2224	2228	rVB	110565	118562	3.36%	0.233%
89	15.257	2236	2239	2247	rBV6	51311	141323	4.00%	0.277%
90	15.368	2253	2258	2264	rVB	334322	482804	13.66%	0.948%
91	15.427	2264	2268	2274	rVV	573064	742858	21.02%	1.458%
92	15.492	2274	2279	2291	rVB2	891370	1514333	42.86%	2.972%
93	15.939	2350	2355	2359	rBV	150456	220163	6.23%	0.432%
94	16.051	2372	2374	2380	rVB2	29830	40729	1.15%	0.080%
95	16.439	2435	2440	2446	rBV	71650	129955	3.68%	0.255%
96	16.968	2524	2530	2537	rVB2	272507	523755	14.82%	1.028%
97	17.139	2554	2559	2564	rBV	54257	112216	3.18%	0.220%
98	17.198	2565	2569	2576	rVB4	43490	88505	2.50%	0.174%
99	17.409	2599	2605	2615	rBV	208531	461808	13.07%	0.906%
100	17.657	2641	2647	2652	rBV2	54941	122935	3.48%	0.241%

Sum of corrected areas: 50946195

LSC Report - Integrated Chromatogram

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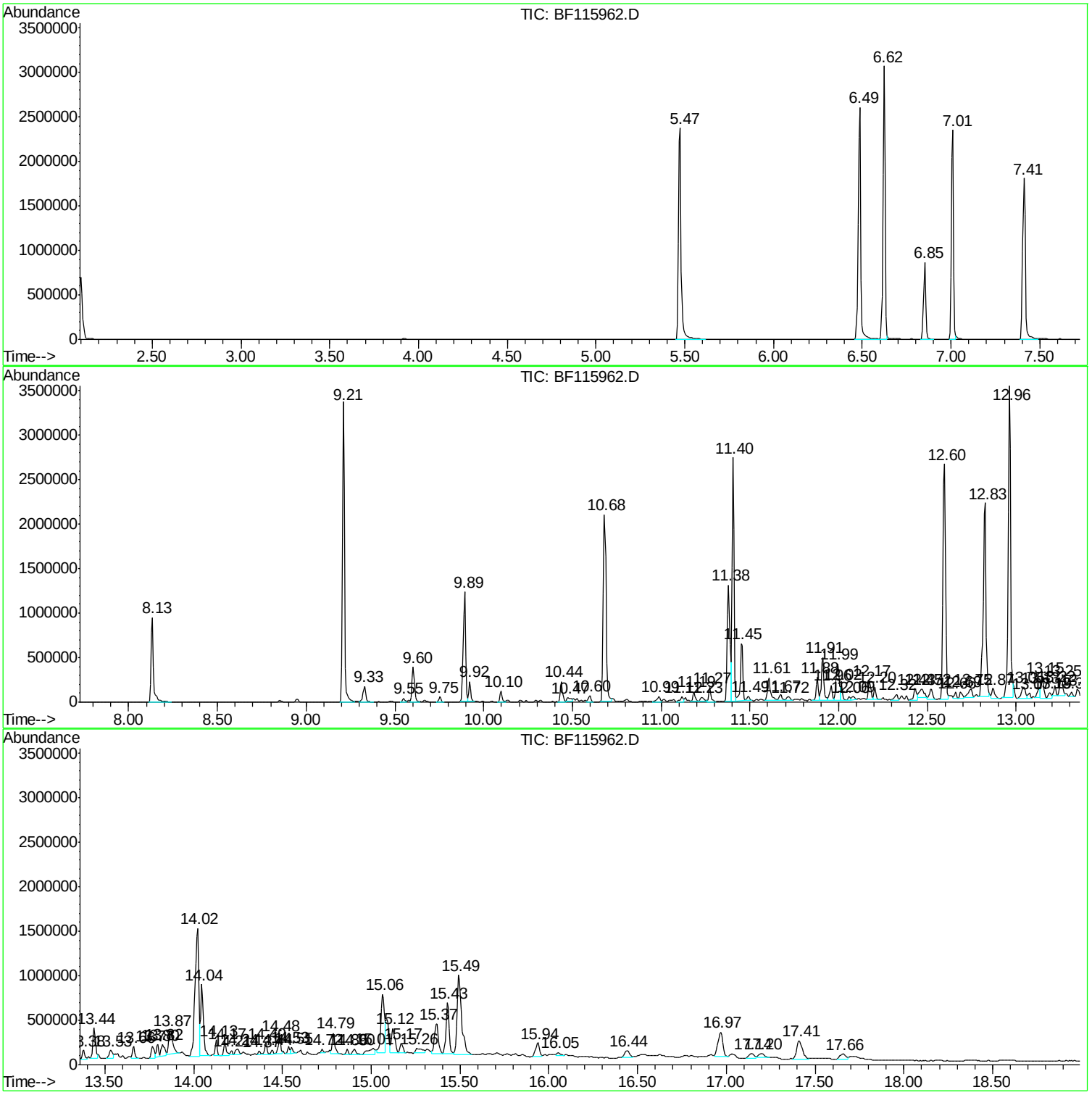
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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

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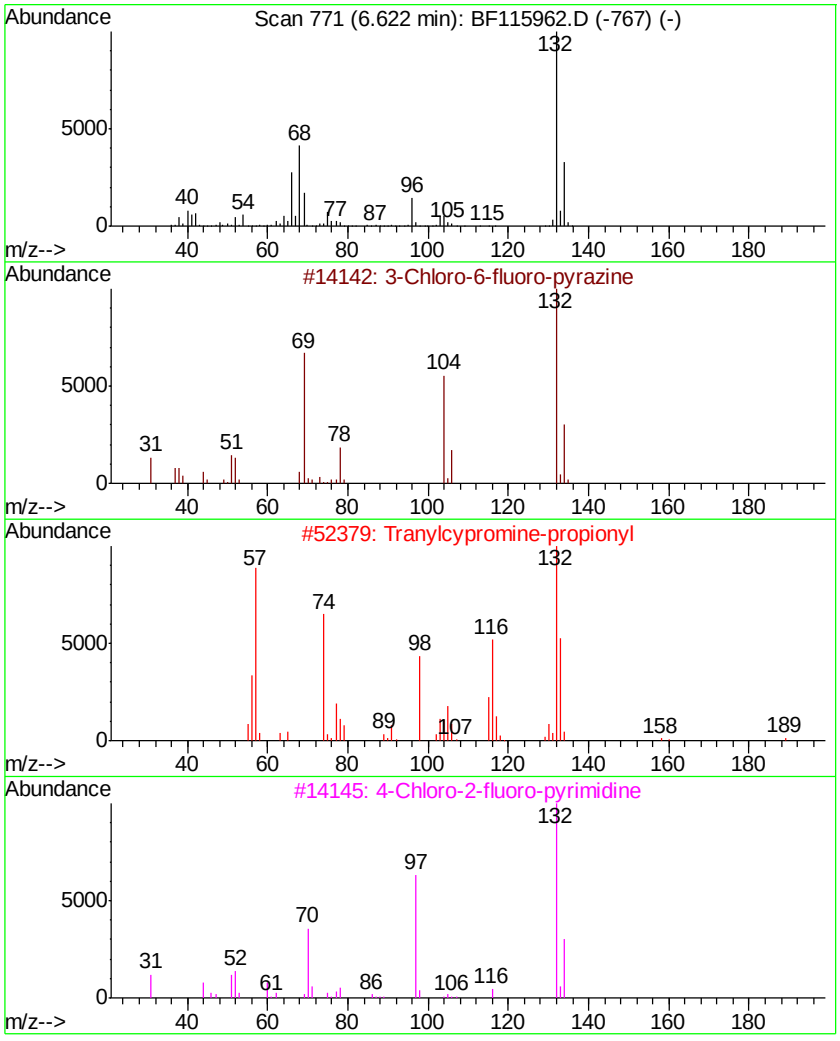
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

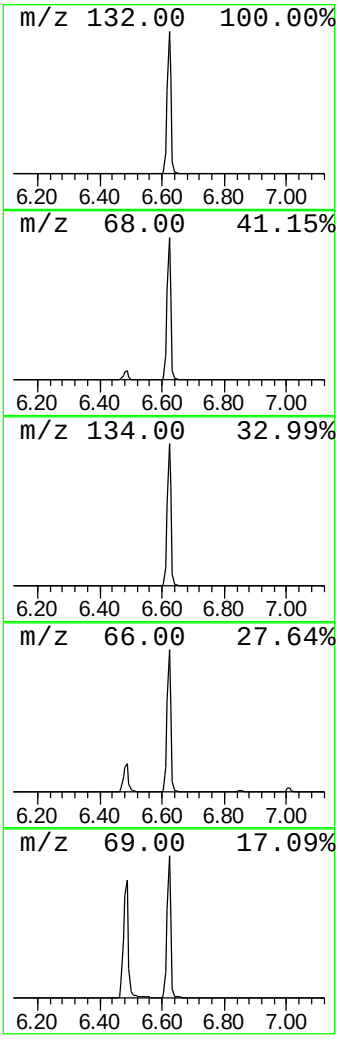
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	73.88 ng	2713600	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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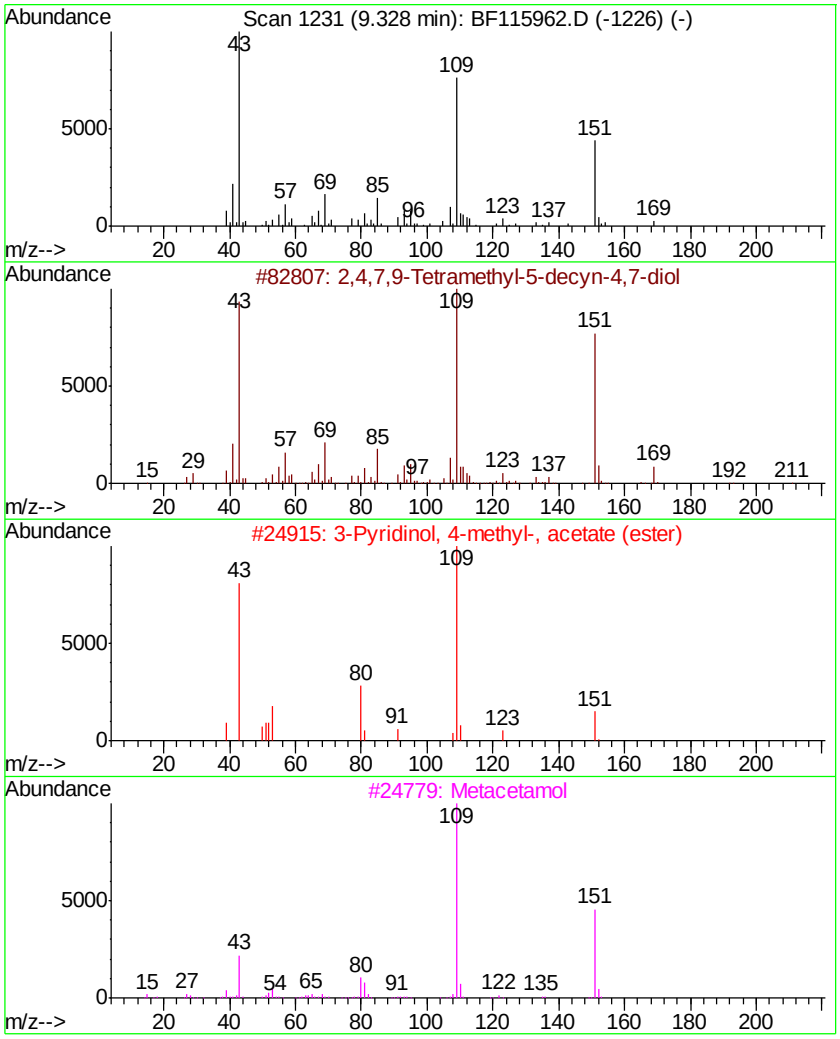
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

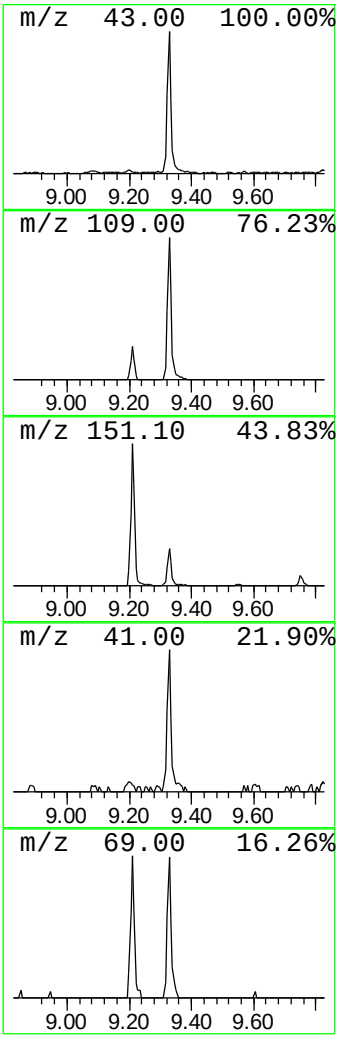
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.21 ng	174730	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
3	Metacetamol	151	C8H9NO2	000621-42-1	59
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59





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TIC Library : C:\DATABASE\NIST11.L
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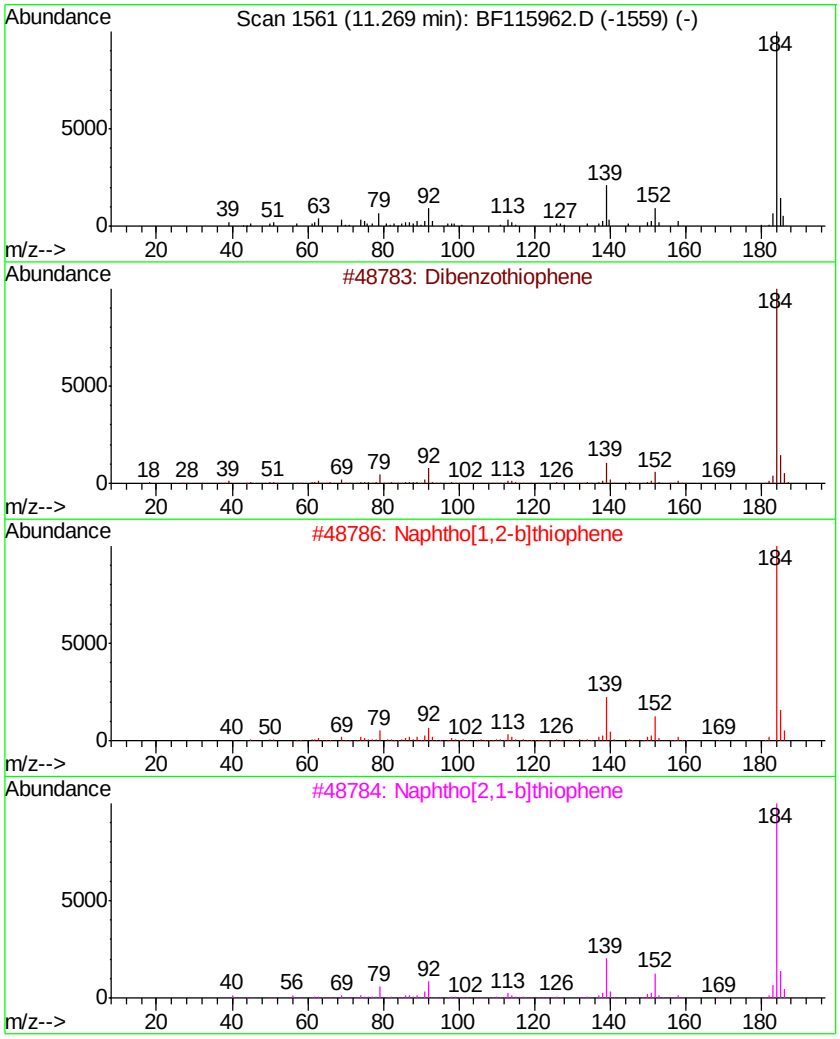
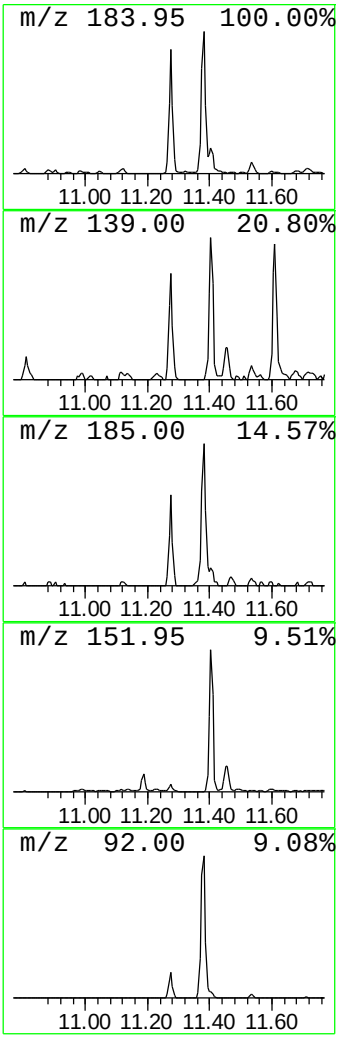
Peak Number 4 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.20 ng	142987	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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

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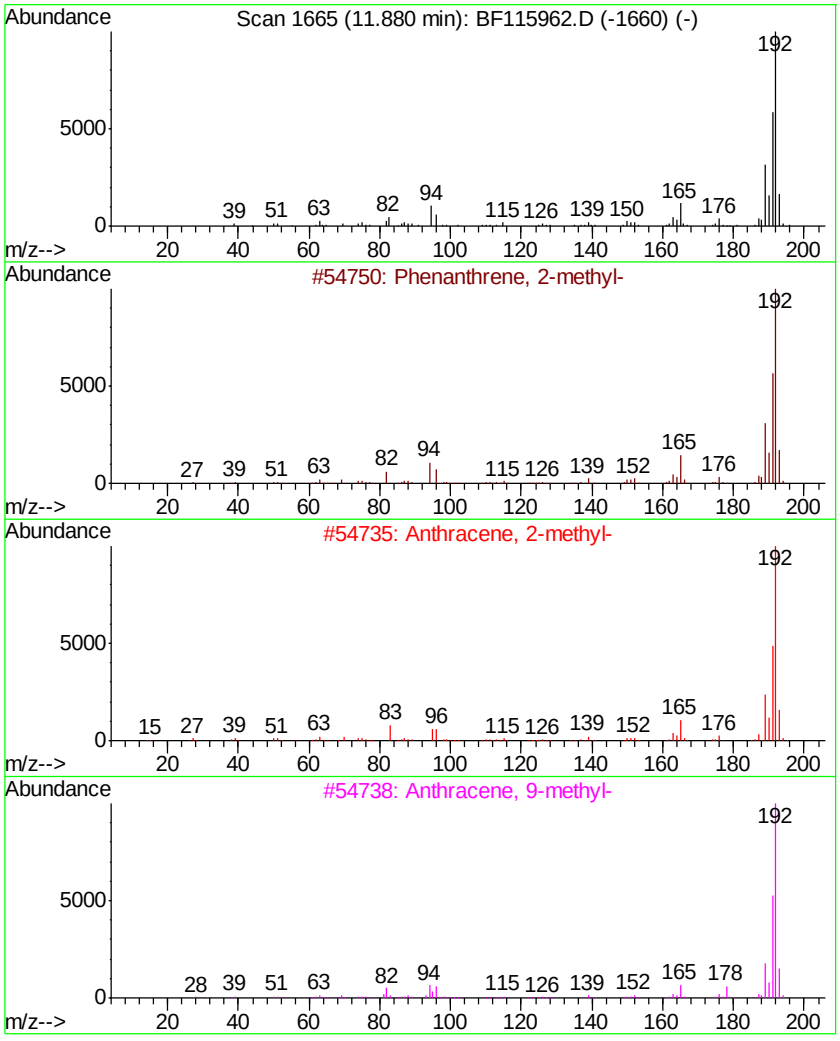
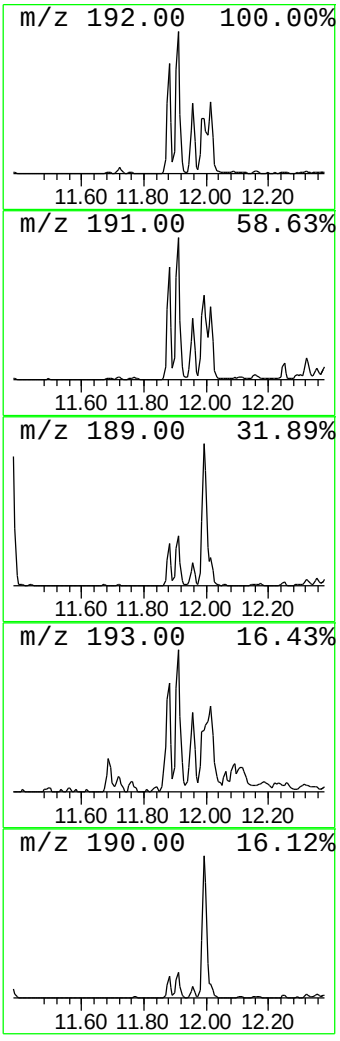
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.76 ng	244566	Phenanthrene-d10	11.38

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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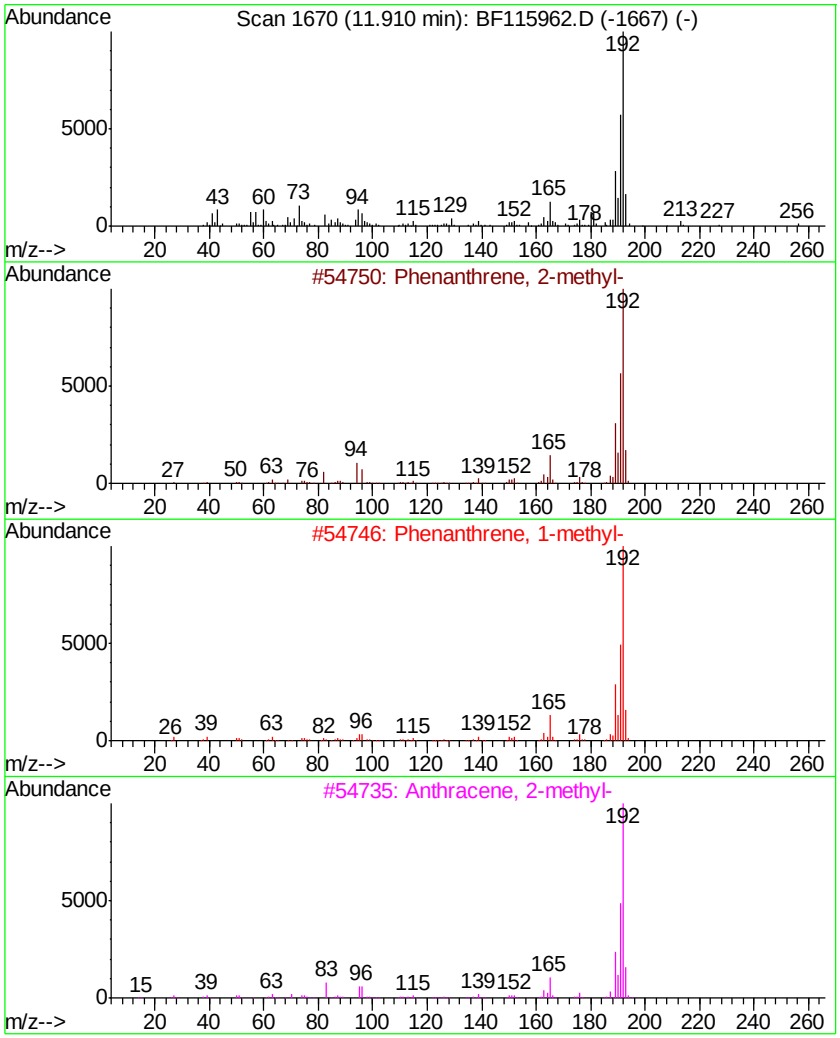
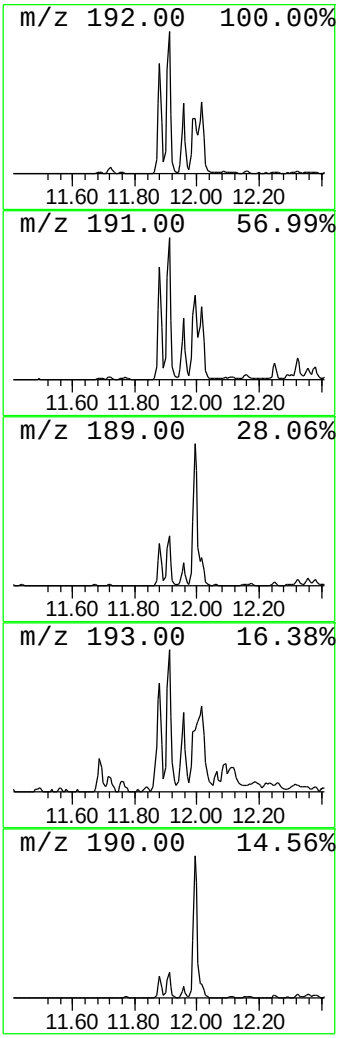
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	7.65 ng	496802	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Library Search Compound Report

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Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-15

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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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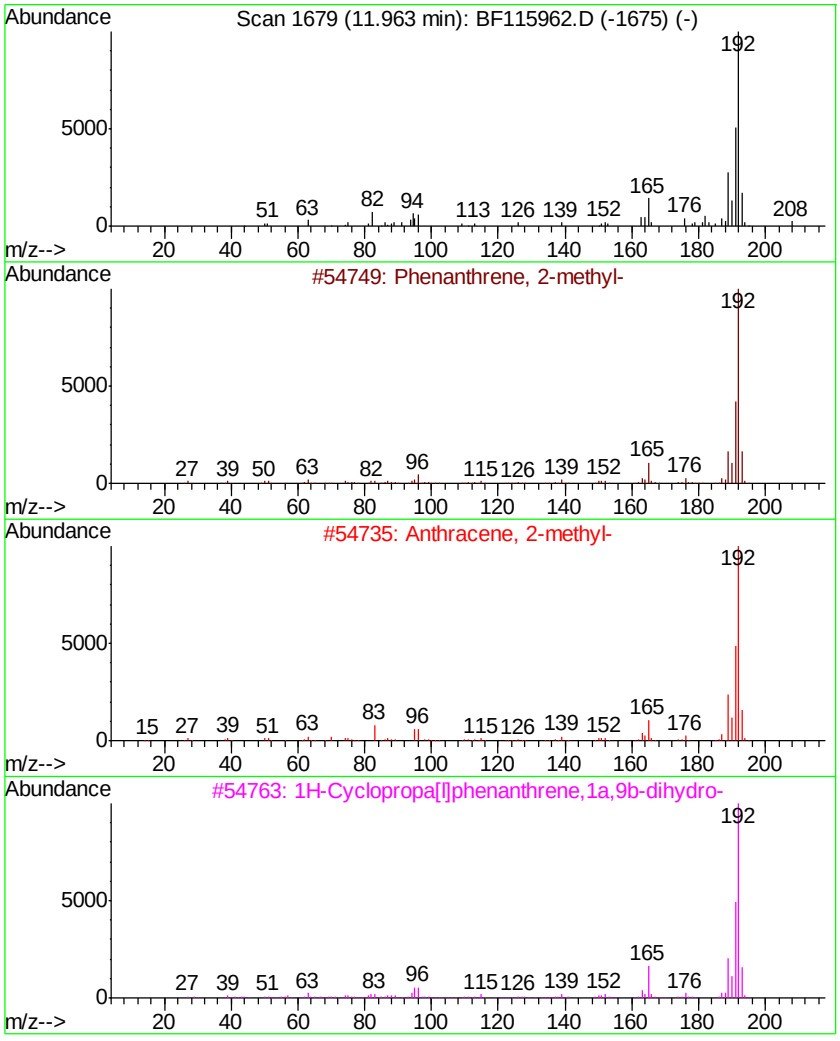
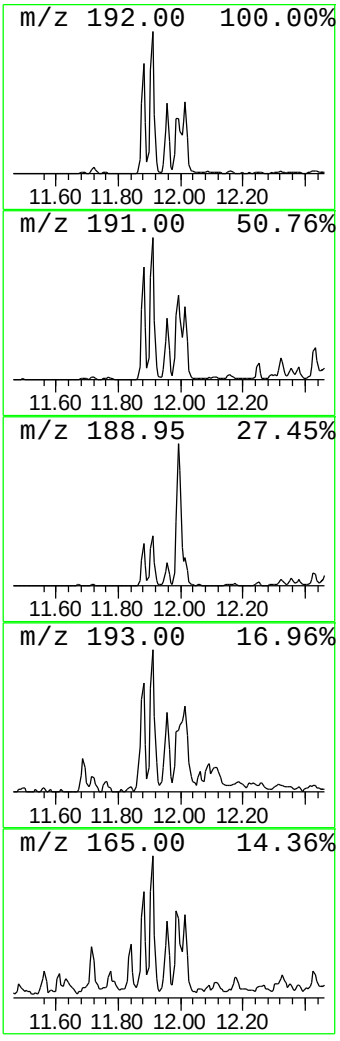
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.44 ng	158232	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
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ClientSampleId : TP-15

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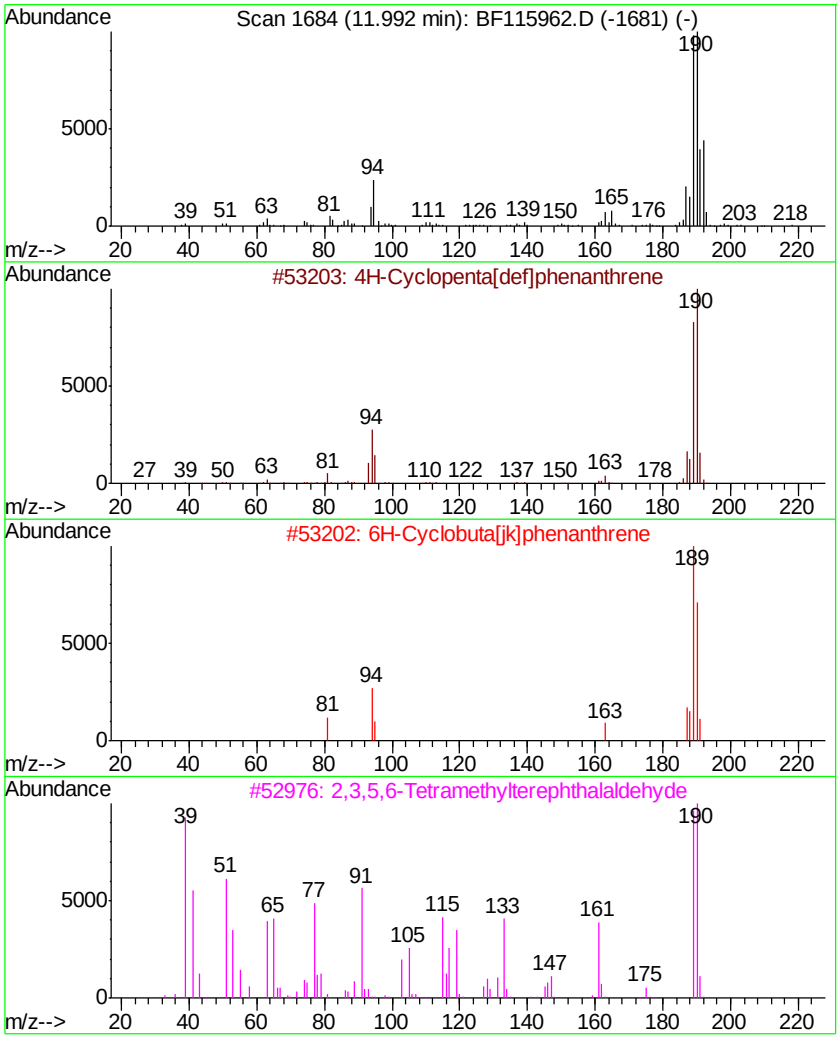
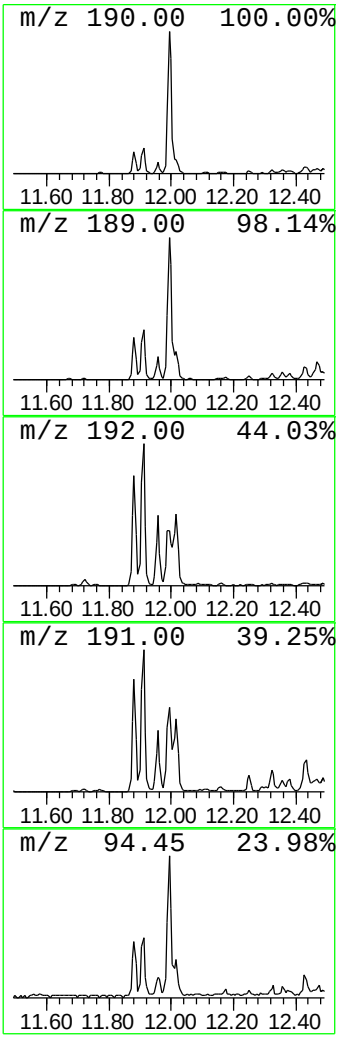
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.27 ng	472380	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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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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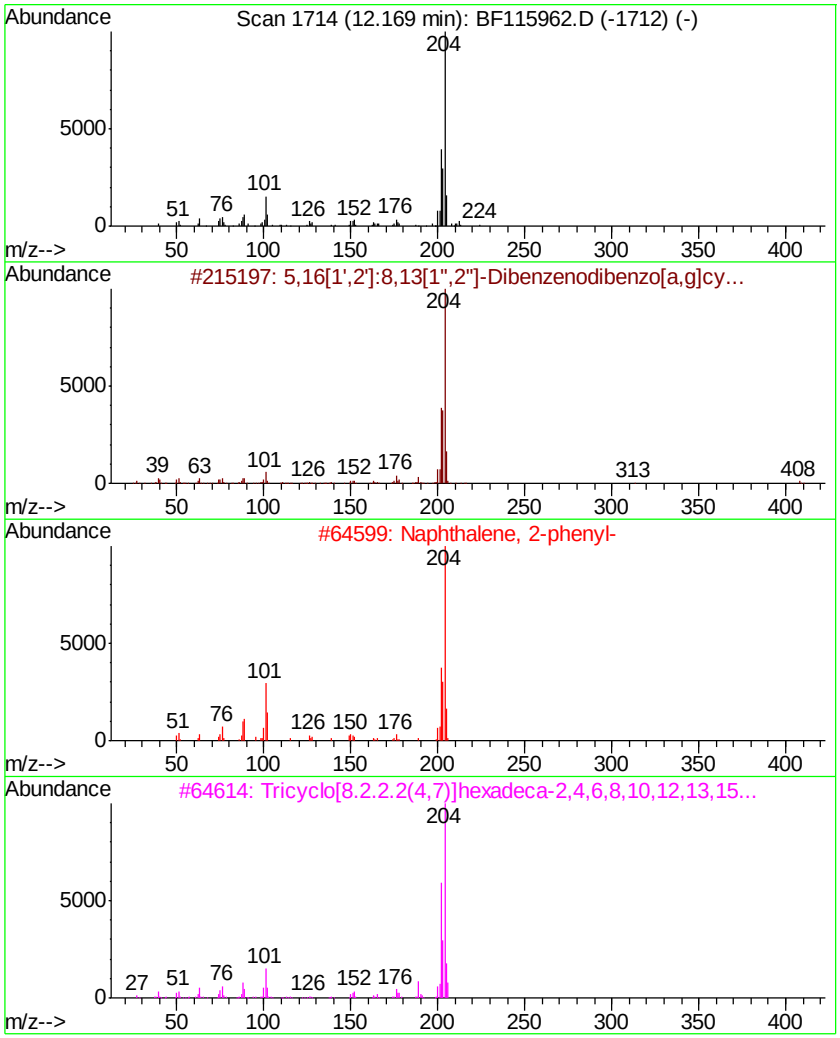
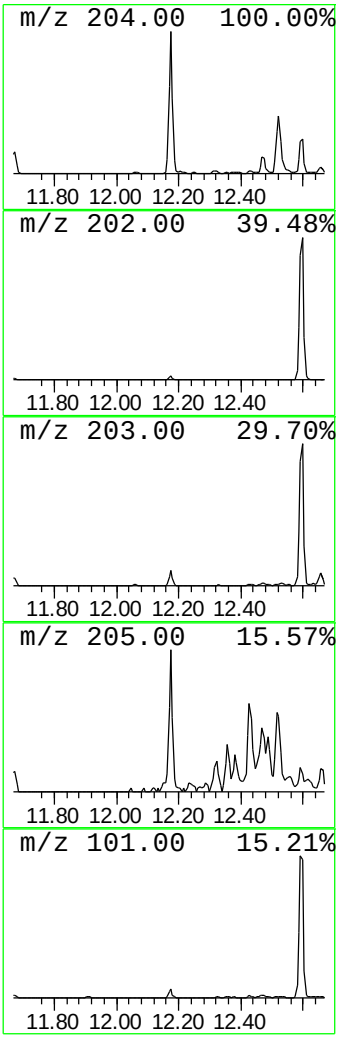
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.67 ng	173447	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55





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ClientSampleId : TP-15

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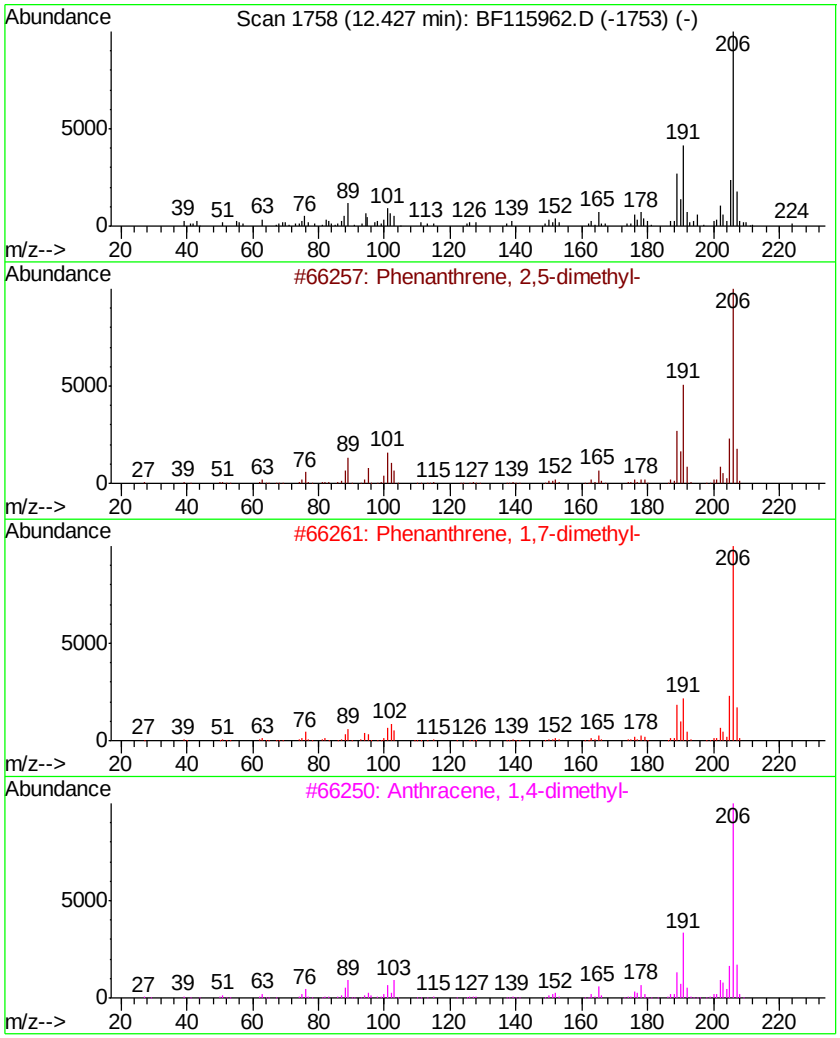
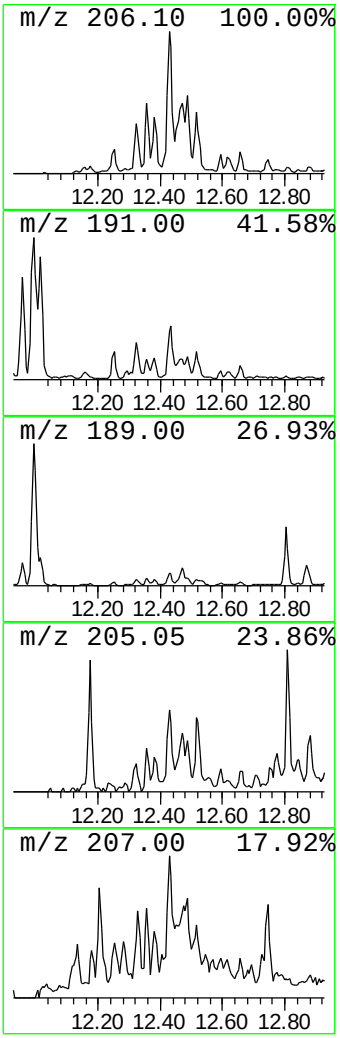
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.57 ng	167000	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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ClientSampleId : TP-15

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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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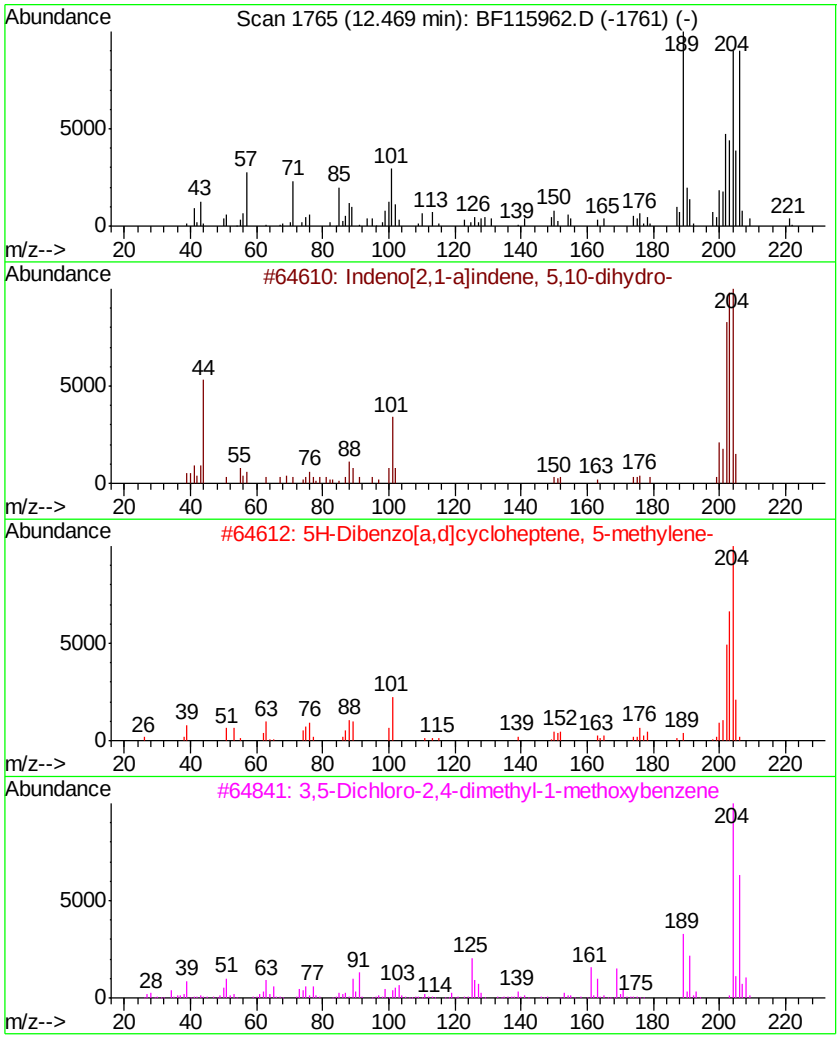
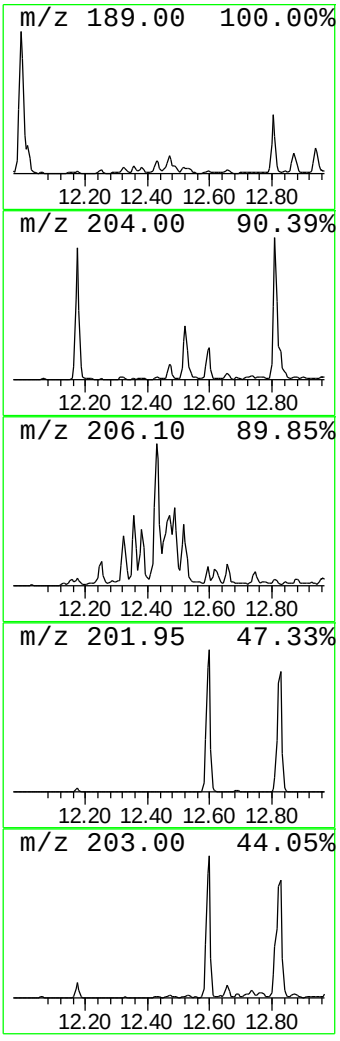
Peak Number 11 unknown12.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.82 ng	182989	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	46
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	35
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27





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ClientSampleId : TP-15

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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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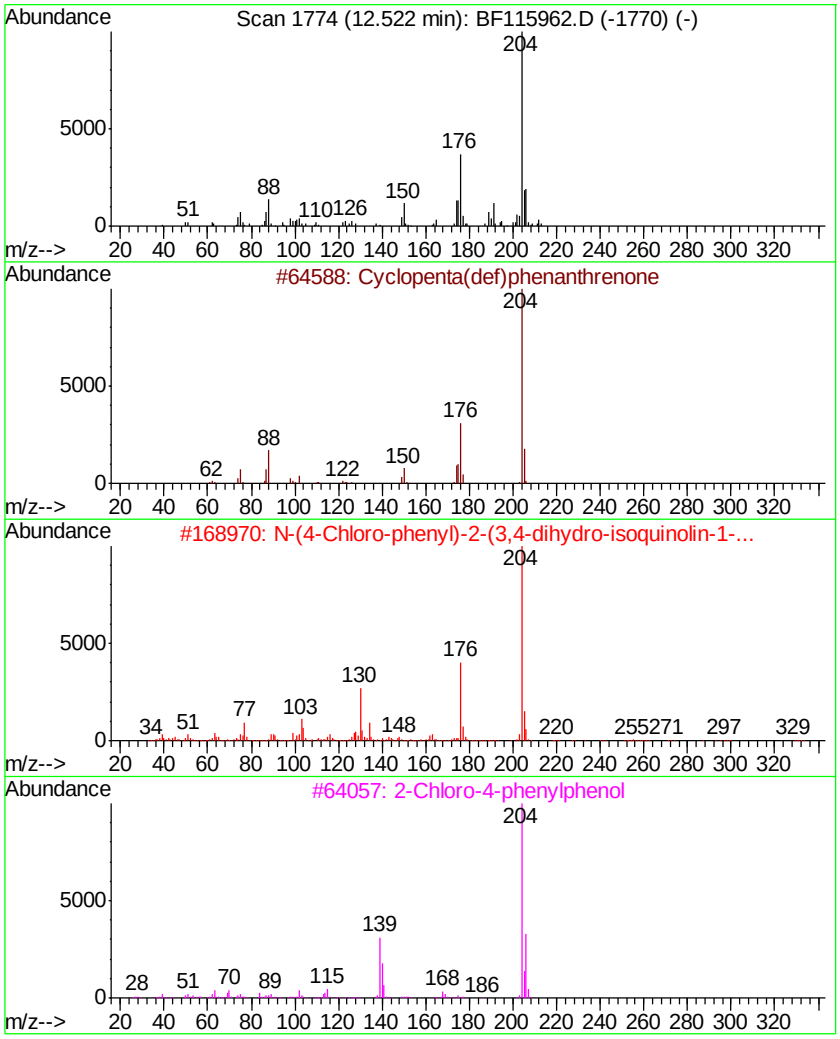
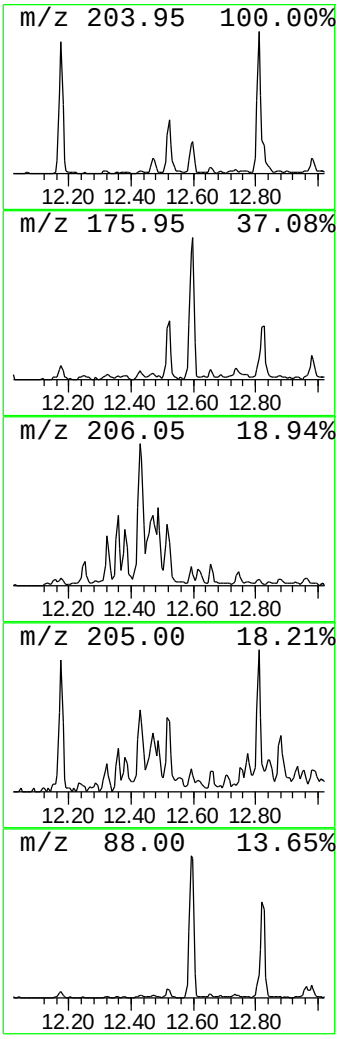
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.33 ng	151610	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	43
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38
4	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	37





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Sample : K4124-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-15

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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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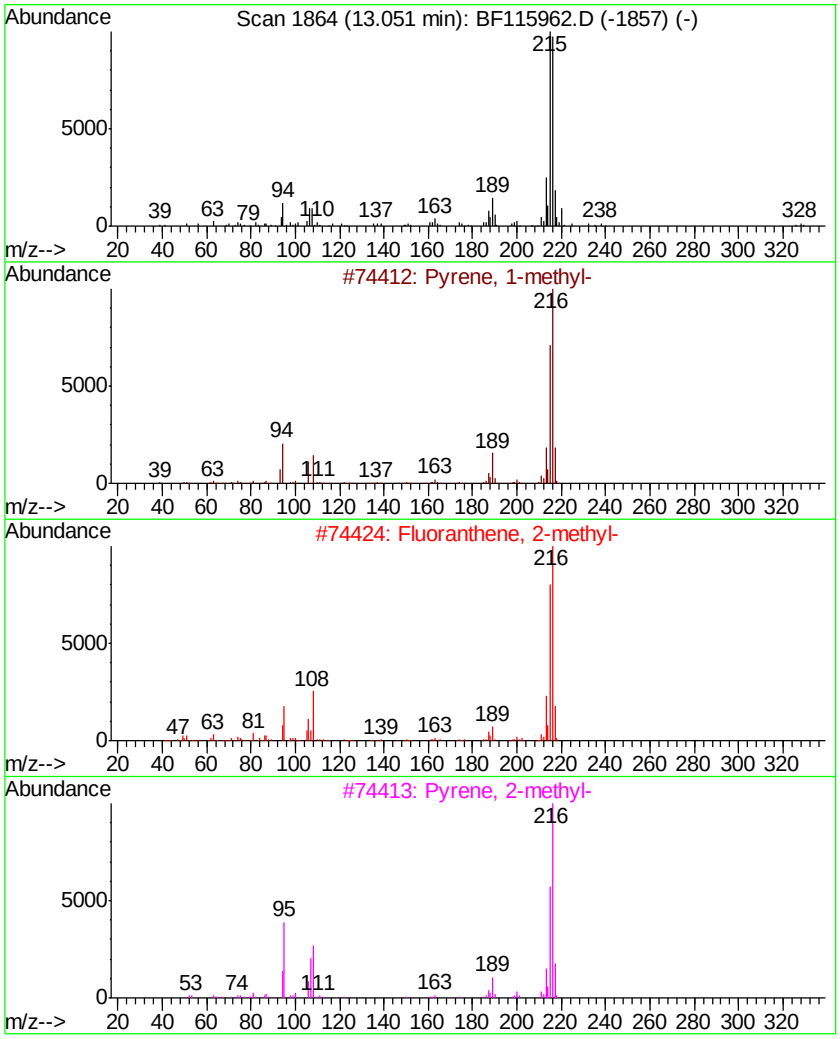
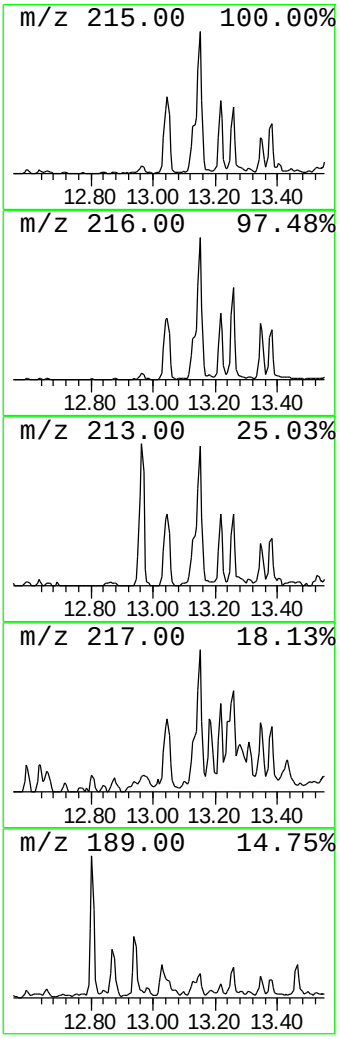
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.03 ng	212276	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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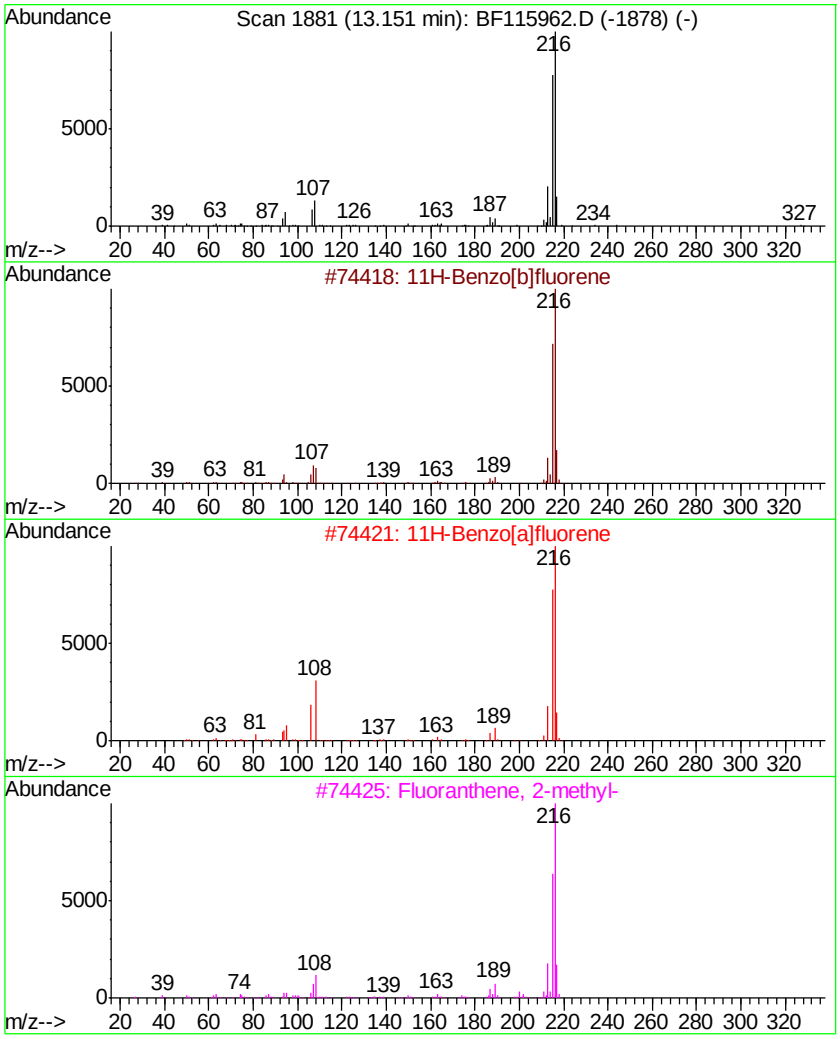
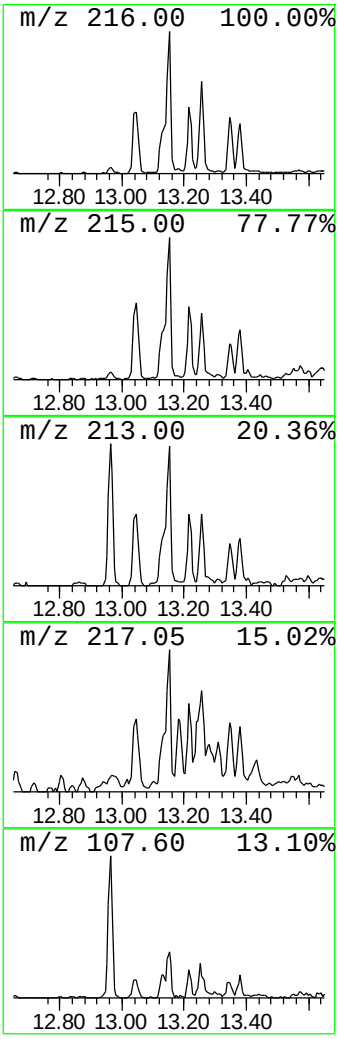
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.17 ng	227371	Chrysene-d12	14.02

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	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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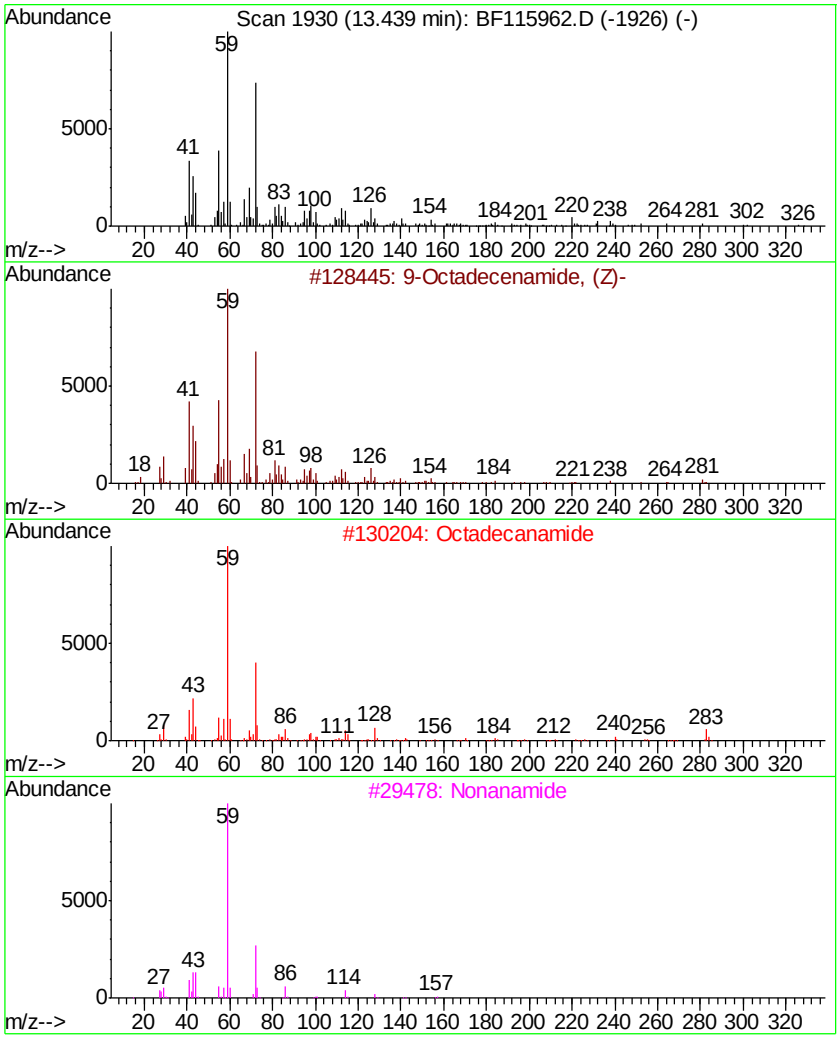
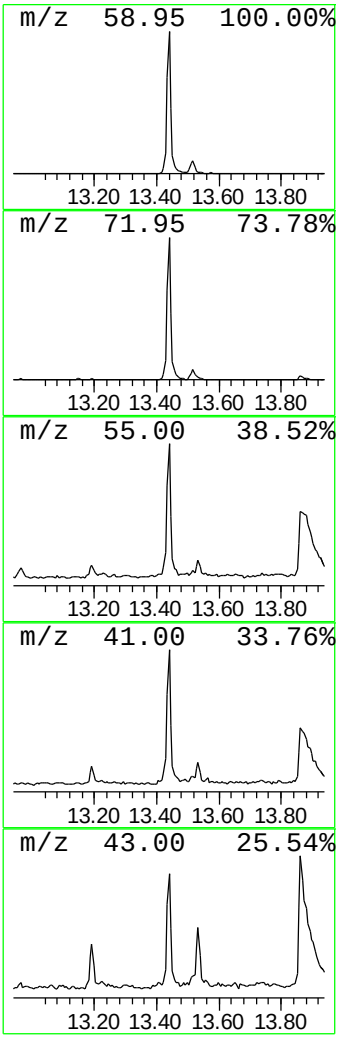
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.01 ng	315175	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Octadecanamide	283	C18H37NO	000124-26-5	53
3	Nonanamide	157	C9H19NO	001120-07-6	43
4	Octanamide	143	C8H17NO	000629-01-6	43
5	Dodecanamide	199	C12H25NO	001120-16-7	38





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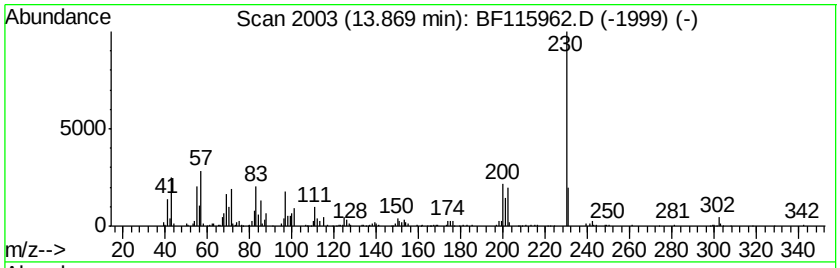
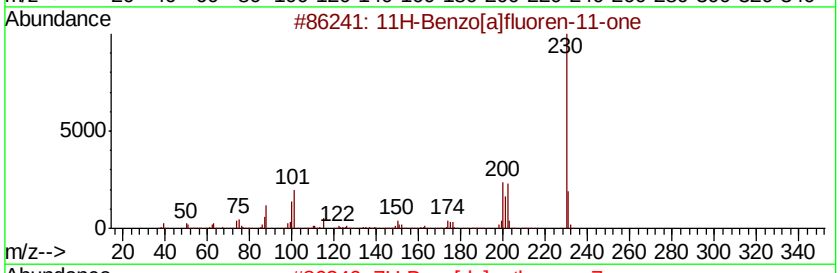
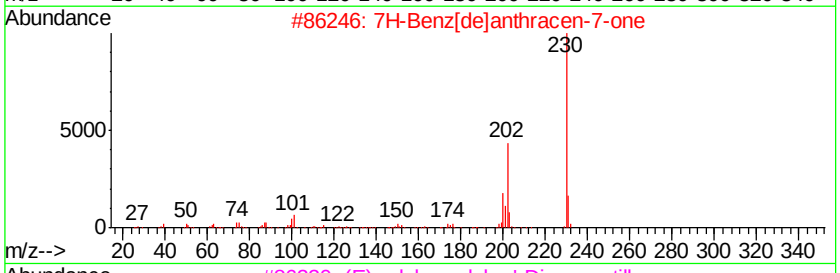
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 6

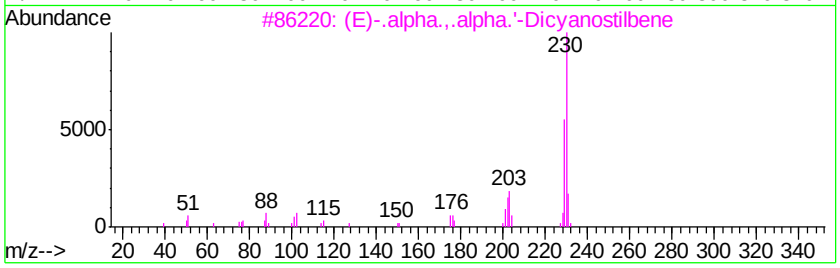
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.90 ng	409020	Chrysene-d12	14.02

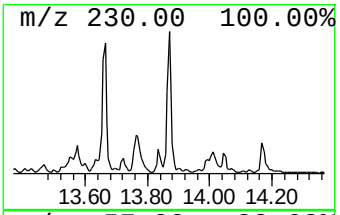
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	58
4	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	46
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	45

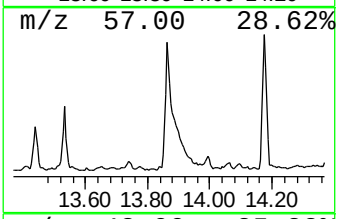


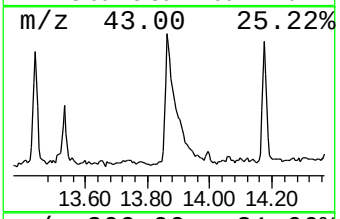


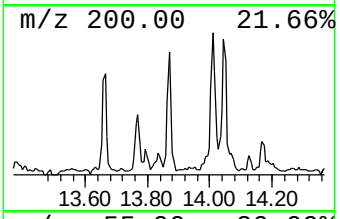


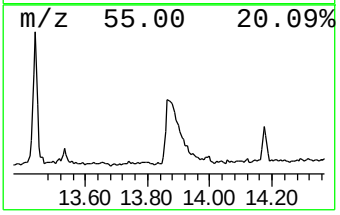












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Data File : BF115962.D
Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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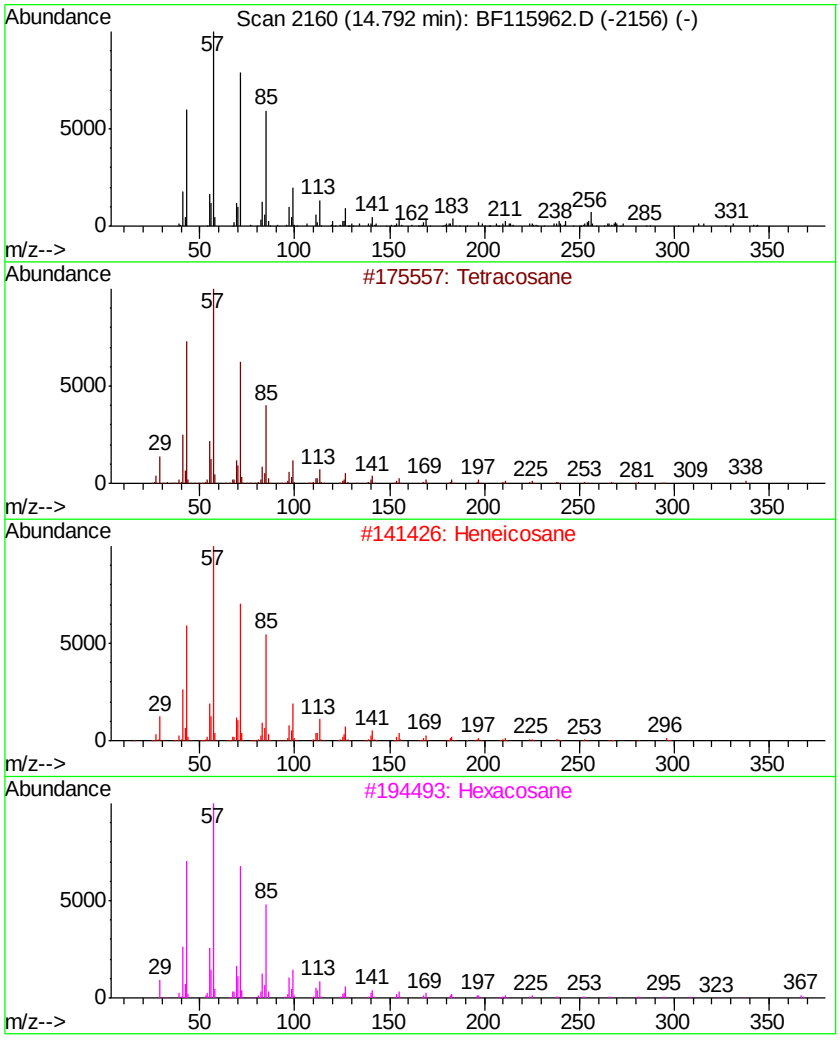
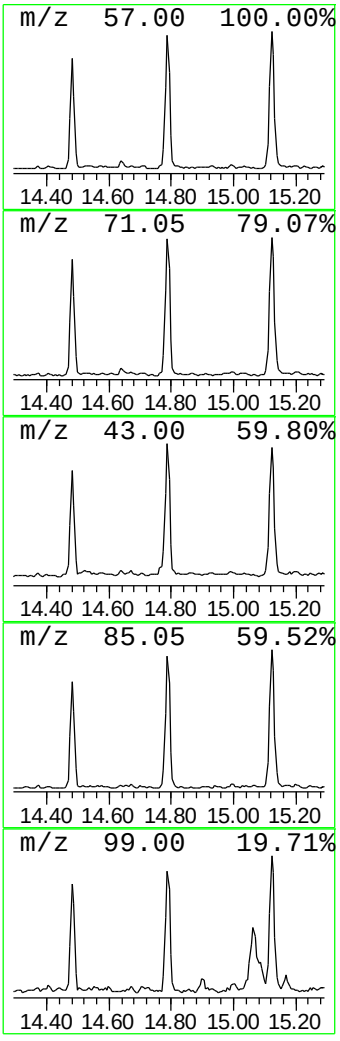
Peak Number 17 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.33 ng	252022	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Docosane	310	C22H46	000629-97-0	91





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Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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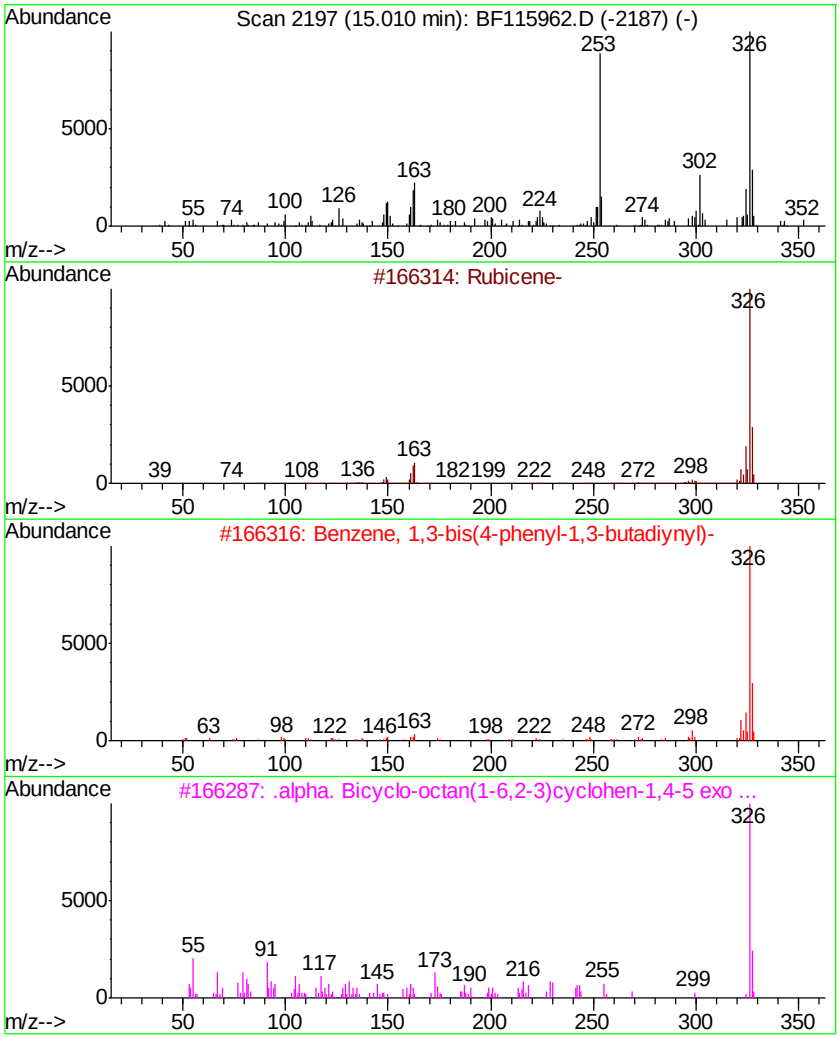
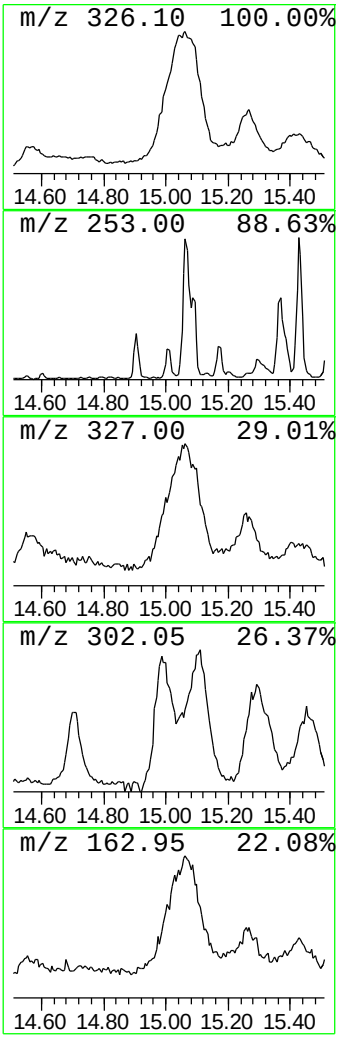
Peak Number 18 Rubicene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	2.46 ng	186548	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Rubicene-	326	C26H14	000197-61-5	86
2	Benzene, 1,3-bis(4-phenyl-1,3-bu...	326	C26H14	037902-13-9	46
3	.alpha. Bicyclo-octan(1-6,2-3)cy...	326	C22H30O2	033495-95-3	30
4	Bis(pentamethylcyclopentadienyl)...	326	C20H30Fe	012126-50-0	27
5	Dihydroxymethyl tribenzocentrotr...	326	C23H18O2	350981-69-0	27





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Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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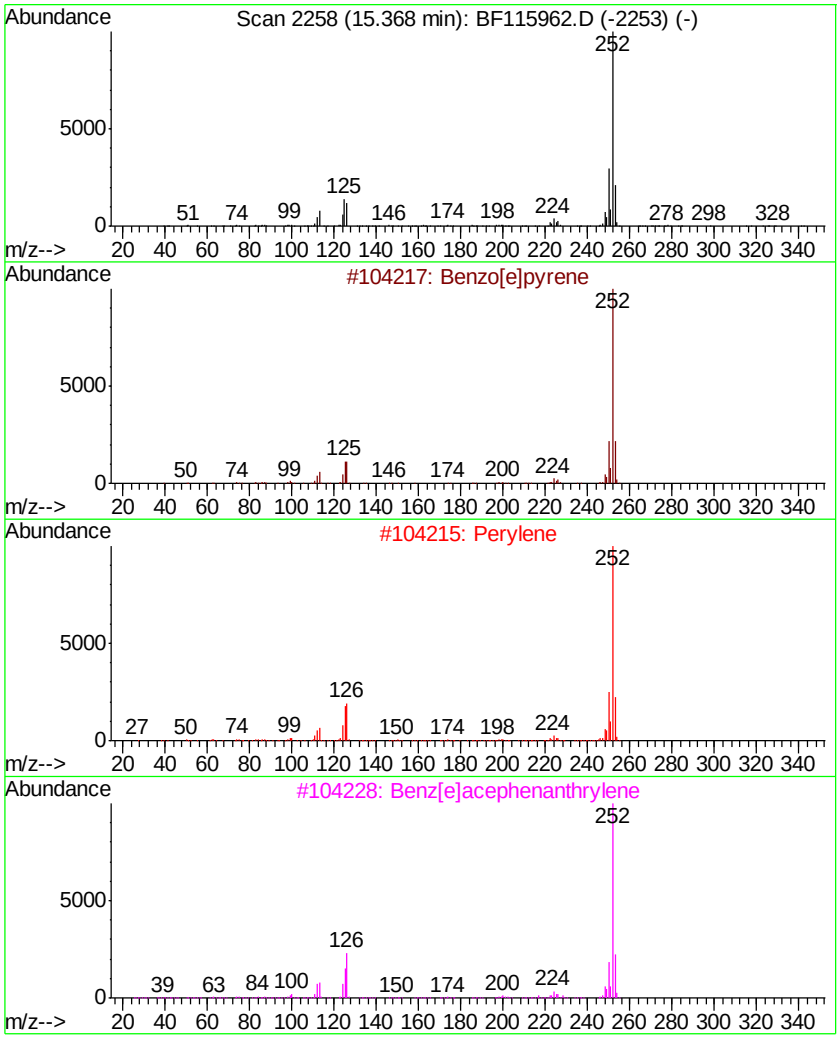
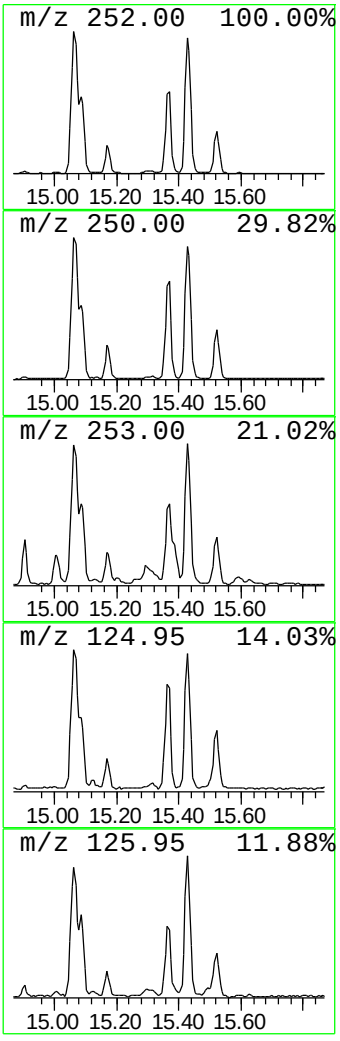
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	6.38 ng	482804	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Data File : BF115962.D
Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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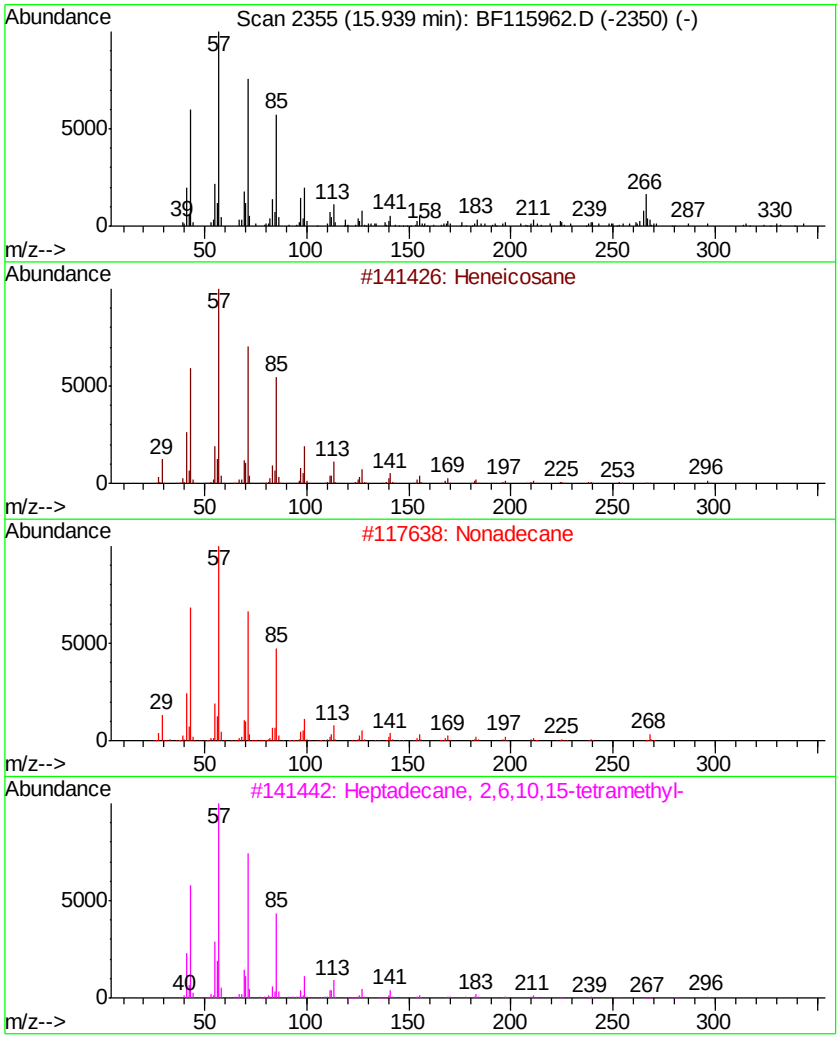
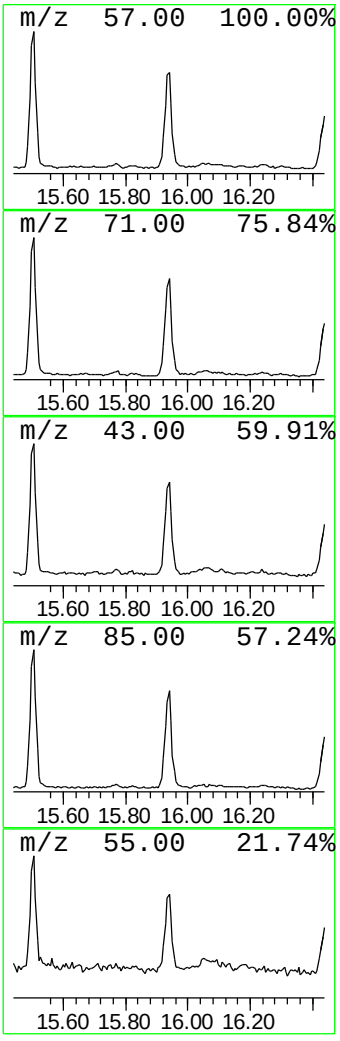
Peak Number 20 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.91 ng	220163	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Heptadecane	240	C17H36	000629-78-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115962.D
Acq On : 2 Aug 2019 22:17
Operator : HP/JU
Sample : K4124-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.62	6.62	73.9	ng	2713600	1	6.85	734600	20.0
2,4,7,9-Tetrameth...	9.33	3.2	ng	174730	3	9.89	1089450	20.0
Dibenzothiophene	11.27	2.2	ng	142987	4	11.38	1299300	20.0
Phenanthrene, 2-m...	11.88	3.8	ng	244566	4	11.38	1299300	20.0
Phenanthrene, 1-m...	11.91	7.7	ng	496802	4	11.38	1299300	20.0
Anthracene, 1-met...	11.96	2.4	ng	158232	4	11.38	1299300	20.0
4H-Cyclopenta[def...	11.99	7.3	ng	472380	4	11.38	1299300	20.0
5,16[1',2']:8,13[...	12.17	2.7	ng	173447	4	11.38	1299300	20.0
Phenanthrene, 2,5...	12.43	2.6	ng	167000	4	11.38	1299300	20.0
unknown12.47	12.47	2.8	ng	182989	4	11.38	1299300	20.0
Cyclopenta(def)ph...	12.52	2.3	ng	151610	4	11.38	1299300	20.0
Pyrene, 1-methyl-	13.05	2.0	ng	212276	5	14.02	2095380	20.0
11H-Benzo[b]fluorene	13.15	2.2	ng	227371	5	14.02	2095380	20.0
9-Octadecenamide,...	13.44	3.0	ng	315175	5	14.02	2095380	20.0
11H-Benzo[a]fluor...	13.87	3.9	ng	409020	5	14.02	2095380	20.0
Tetracosane	14.79	3.3	ng	252022	6	15.49	1514330	20.0
Rubicene-	15.01	2.5	ng	186548	6	15.49	1514330	20.0
Benzo[e]pyrene	15.37	6.4	ng	482804	6	15.49	1514330	20.0
Heneicosane	15.94	2.9	ng	220163	6	15.49	1514330	20.0