LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071621

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-BF070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124655.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	579	581	584	rBB	20487	18306	14.78%	1.944%
2	6.516	750	753	755	rBB	22948	18338	14.81%	1.948%
3	6.904	816	819	822	rBB	42017	30973	25.01%	3.289%
4	7.463	911	914	916	rBB	12928	10756	8.69%	1.142%
5	8.186	1034	1037	1040	rBV	48970	37906	30.61%	4.026%
6	8.898	1156	1158	1160	rBB	3271	2164	1.75%	0.230%
7	8.998	1173	1175	1177	rBB	4090	2794	2.26%	0.297%
8	9.263	1217	1220	1222	rBB	25643	18734	15.13%	1.990%
9	9.522	1263	1264	1268	rBB	1742	1877	1.52%	0.199%
10	9.604	1275	1278	1280	rBB	4376	3566	2.88%	0.379%
11	9.627	1280	1282	1284	rBB	2382	1551	1.25%	0.165%
12	9.716	1296	1297	1300	rBB	1930	1303	1.05%	0.138%
13	9.804	1310	1312	1315	rBB	3577	2486	2.01%	0.264%
14	9.945	1333	1336	1339	rVB	48077	34776	28.08%	3.693%
15	9.974	1339	1341	1344	rBB	11132	8652	6.99%	0.919%
16	10.145	1368	1370	1374	rBB	5534	4364	3.52%	0.463%
17	10.492	1426	1429	1432	rBB	14528	11175	9.02%	1.187%
18	10.651	1454	1456	1458	rBB	1617	1279	1.03%	0.136%
19	10.727	1466	1469	1473	rBB	11551	8523	6.88%	0.905%
20	11.039	1519	1522	1524	rBB	2628	2588	2.09%	0.275%
21	11.327	1569	1571	1574	rBB	5012	3749	3.03%	0.398%
22	11.433	1586	1589	1591	rBV	41903	34483	27.85%	3.662%
23	11.457	1591	1593	1597	rVB	83132	69304	55.97%	7.360%
24	11.510	1599	1602	1605	rVB	18059	13814	11.16%	1.467%
25	11.663	1625	1628	1630	rVB	2684	2068	1.67%	0.220%
26	11.727	1636	1639	1641	rBB	1713	1498	1.21%	0.159%
27	11.763	1642	1645	1647	rBB	4170	2693	2.17%	0.286%
28	11.851	1657	1660	1662	rBB	2377	2355	1.90%	0.250%
29	11.933	1672	1674	1677	rBV	13845	11948	9.65%	1.269%
30	11.963	1677	1679	1682	rVB	19149	13409	10.83%	1.424%
31	12.010	1685	1687	1690	rBB	5204	3743	3.02%	0.398%
32	12.045	1690	1693	1696	rBV2	21055	23189	18.73%	2.463%
33	12.068	1696	1697	1700	rVB	9759	5592	4.52%	0.594%
34	12.227	1722	1724	1727	rBV	6373	4889	3.95%	0.519%
35	12.251	1727	1728	1732	rVB	1969	1891	1.53%	0.201%
36	12.380	1748	1750	1752	rVB	2095	1289	1.04%	0.137%

LSC Area Percent Report

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Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071621

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-BF070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.410	1753	1755	1757	rBV	3705	2282	1.84%	0.242%
38	12.486	1765	1768	1771	rBV	8906	8297	6.70%	0.881%
39	12.521	1771	1774	1776	rVV2	6823	6745	5.45%	0.716%
40	12.539	1776	1777	1779	rVB	2448	1339	1.08%	0.142%
41	12.568	1780	1782	1784	rBV	3046	2461	1.99%	0.261%
42	12.586	1784	1785	1787	rVB	2438	1353	1.09%	0.144%
43	12.651	1792	1796	1799	rBB	84392	67034	54.14%	7.119%
44	12.804	1818	1822	1823	rBB2	2855	2415	1.95%	0.256%
45	12.880	1829	1835	1841	rBV2	101945	123825	100.00%	13.150%
46	12.927	1841	1843	1849	rVB3	3446	3949	3.19%	0.419%
47	12.992	1849	1854	1856	rBV2	2323	2682	2.17%	0.285%
48	13.015	1856	1858	1861	rVB	21901	14250	11.51%	1.513%
49	13.092	1867	1871	1875	rBB2	5727	6200	5.01%	0.658%
50	13.204	1884	1890	1895	rBB	16250	17894	14.45%	1.900%
51	13.245	1895	1897	1899	rBV	2752	1953	1.58%	0.207%
52	13.268	1899	1901	1904	rVB	11928	9656	7.80%	1.025%
53	13.310	1904	1908	1910	rBV2	9455	8582	6.93%	0.911%
54	13.374	1915	1919	1921	rBV	1240	1460	1.18%	0.155%
55	13.404	1921	1924	1926	rVV	6813	5834	4.71%	0.620%
56	13.433	1926	1929	1932	rVV	7309	6234	5.03%	0.662%
57	13.586	1952	1955	1957	rBV	2700	3044	2.46%	0.323%
58	13.621	1960	1961	1965	rVV	1846	1937	1.56%	0.206%
59	13.686	1968	1972	1973	rVV	1409	1521	1.23%	0.162%
60	13.710	1973	1976	1981	rVV2	2442	4052	3.27%	0.430%
61	13.774	1984	1987	1989	rBV2	1608	1800	1.45%	0.191%
62	13.821	1989	1995	1998	rVV2	3946	5570	4.50%	0.592%
63	13.851	1998	2000	2002	rVV	4766	3591	2.90%	0.381%
64	13.874	2002	2004	2007	rVV2	3766	3535	2.85%	0.375%
65	13.915	2007	2011	2016	rVV3	3720	5940	4.80%	0.631%
66	13.962	2016	2019	2021	rVB	1095	1336	1.08%	0.142%
67	14.074	2033	2038	2040	rVV3	40817	52626	42.50%	5.589%
68	14.098	2040	2042	2045	rVV	20612	18021	14.55%	1.914%
69	14.180	2054	2056	2060	rVB3	5214	4105	3.32%	0.436%
70	14.233	2063	2065	2067	rVB	3096	2396	1.93%	0.254%
71	14.327	2080	2081	2084	rBV2	2378	1635	1.32%	0.174%
72	14.392	2089	2092	2095	rBV2	1435	2043	1.65%	0.217%
73	14.457	2100	2103	2105	rVV	7007	6624	5.35%	0.703%
74	14.492	2107	2109	2113	rVB2	2769	2500	2.02%	0.266%
75	14.539	2113	2117	2118	rBV2	2751	2740	2.21%	0.291%
76	14.557	2118	2120	2122	rVV2	3073	2627	2.12%	0.279%

LSC Area Percent Report

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Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071621

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-BF070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.586	2122	2125	2127	rVV	4588	3779	3.05%	0.401%
78	14.609	2127	2129	2131	rVB2	2074	1992	1.61%	0.212%
79	14.798	2159	2161	2164	rVB3	1587	1357	1.10%	0.144%
80	14.851	2168	2170	2174	rBV	2602	2410	1.95%	0.256%
81	15.127	2212	2217	2219	rBV2	10777	13919	11.24%	1.478%
82	15.198	2226	2229	2233	rVB3	2532	2405	1.94%	0.255%
83	15.233	2233	2235	2239	rBV	2912	2427	1.96%	0.258%
84	15.433	2265	2269	2273	rBV	6394	7975	6.44%	0.847%
85	15.498	2276	2280	2284	rVV	11830	13491	10.90%	1.433%
86	15.562	2286	2291	2294	rVV	15456	18989	15.34%	2.017%
87	15.592	2294	2296	2303	rVB3	4785	6601	5.33%	0.701%
88	16.051	2369	2374	2378	rBV5	1894	2275	1.84%	0.242%
89	16.303	2412	2417	2418	rBV2	1346	1889	1.53%	0.201%
90	16.568	2458	2462	2464	rVV2	2246	2574	2.08%	0.273%
91	16.686	2478	2482	2486	rVB	912	1480	1.20%	0.157%
92	17.056	2543	2545	2548	rBV2	2304	2889	2.33%	0.307%
93	17.109	2551	2554	2555	rBV	1437	1709	1.38%	0.181%
94	17.174	2563	2565	2570	rVV3	1218	1843	1.49%	0.196%
95	17.339	2590	2593	2596	rBV3	1150	1405	1.13%	0.149%
96	17.515	2619	2623	2628	rVB2	2447	3786	3.06%	0.402%
97	18.174	2731	2735	2736	rBV2	1419	1829	1.48%	0.194%
98	18.656	2813	2817	2818	rBV2	1051	1513	1.22%	0.161%
99	18.756	2830	2834	2835	rBV2	1147	1627	1.31%	0.173%
100	18.774	2835	2837	2841	rVB	1104	1329	1.07%	0.141%

Sum of corrected areas: 941606

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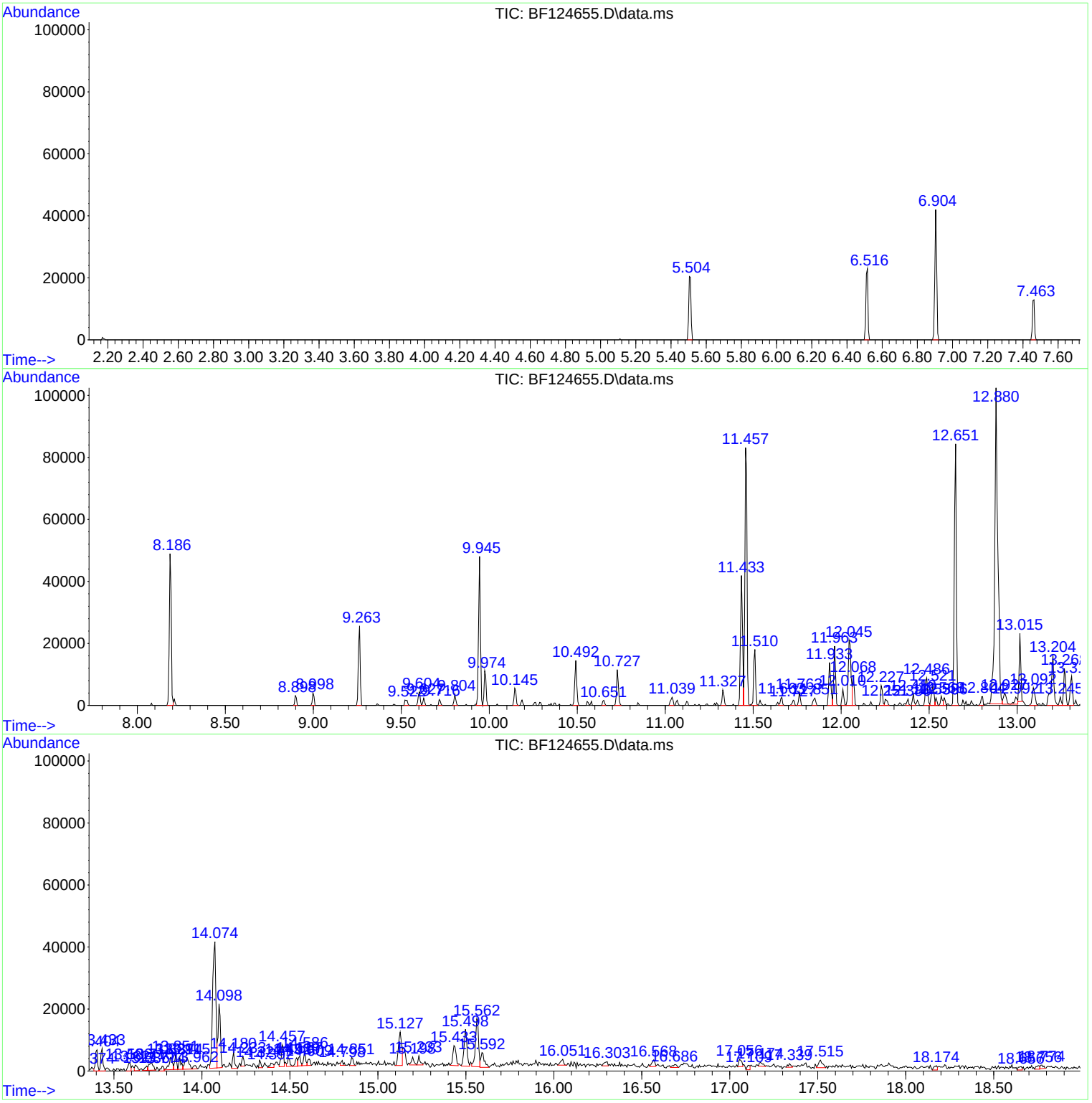
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

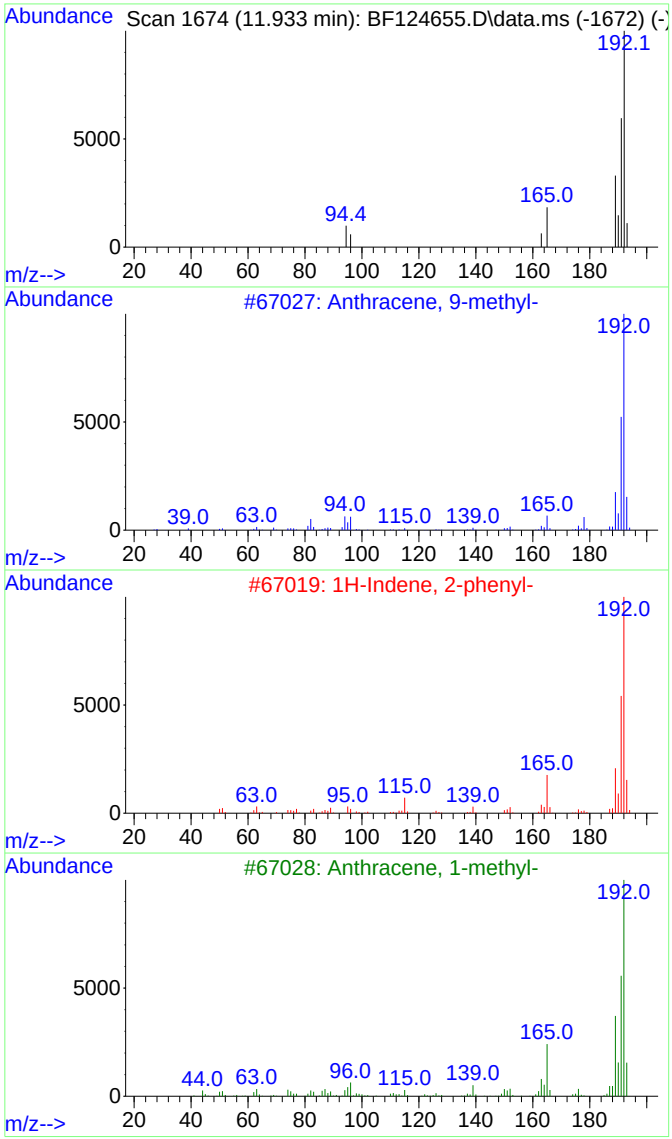
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

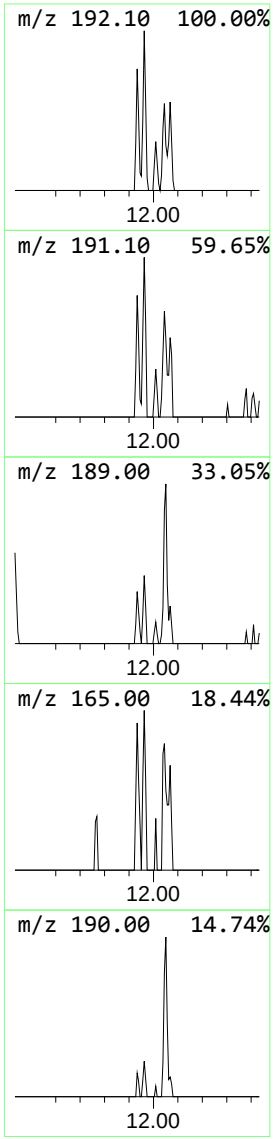
****

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.93 ng	11948	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

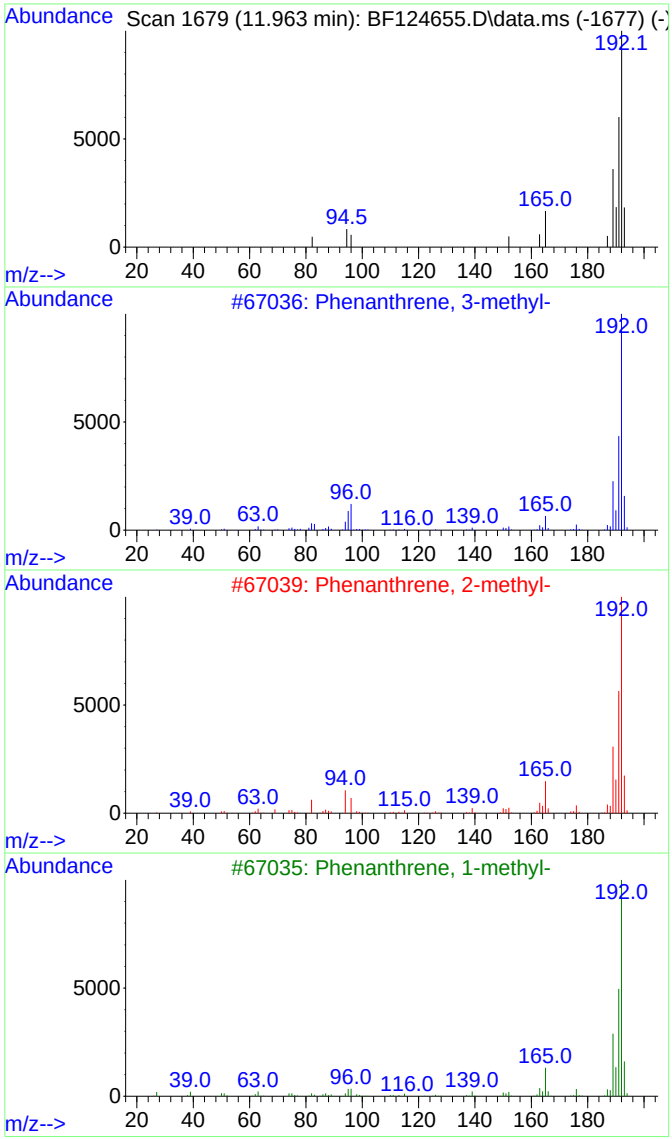
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

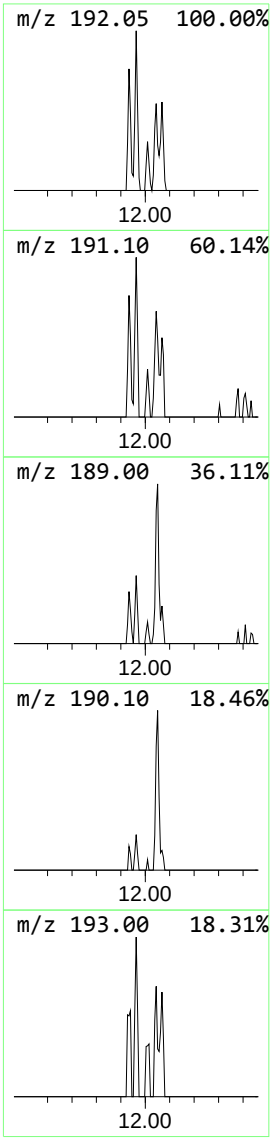
****

Peak Number 2 Phenanthrene, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	7.78 ng	13409	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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Instrument : BNA_F
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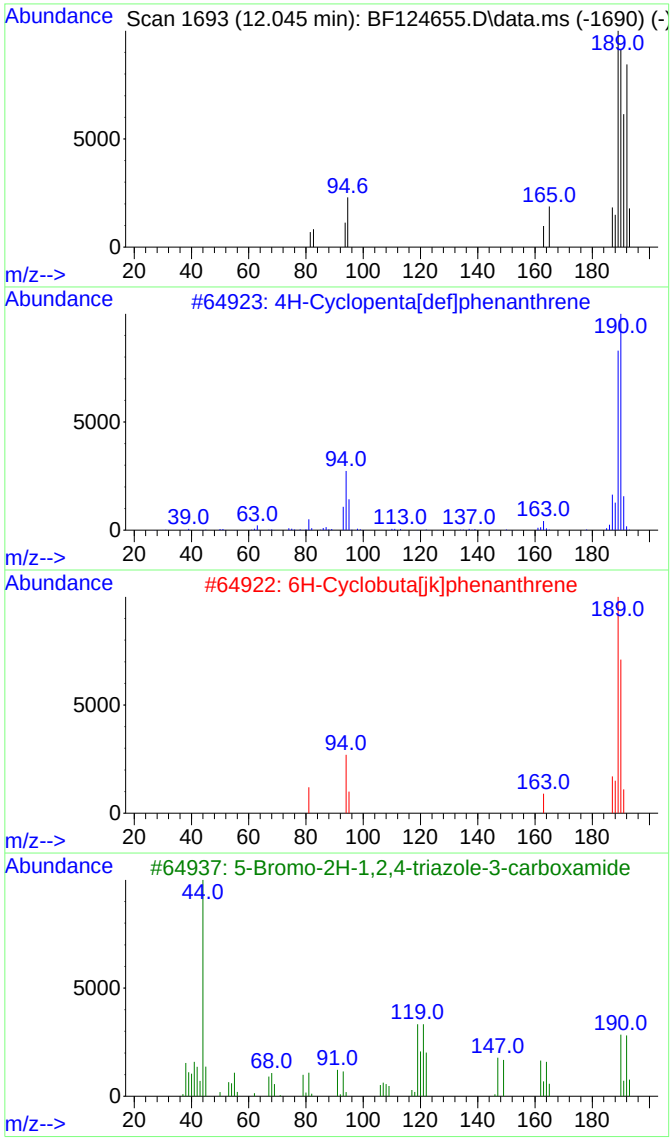
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

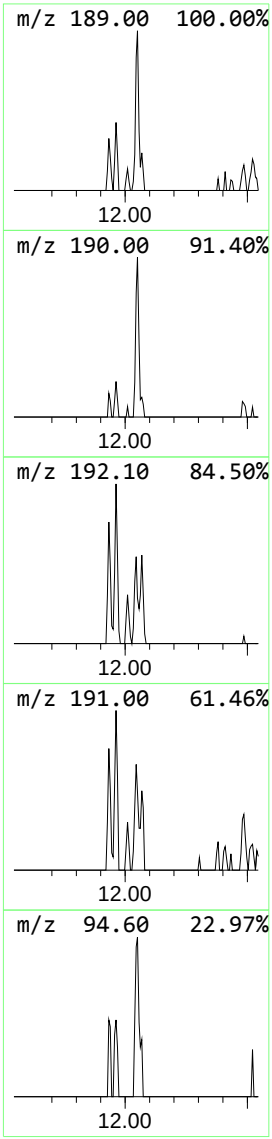
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	13.45 ng	23189	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	5-Bromo-2H-1,2,4-triazole-3-carb...	190	C3H3BrN4O	1000387-28-4	46
4	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	45
5	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	45





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Misc :
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BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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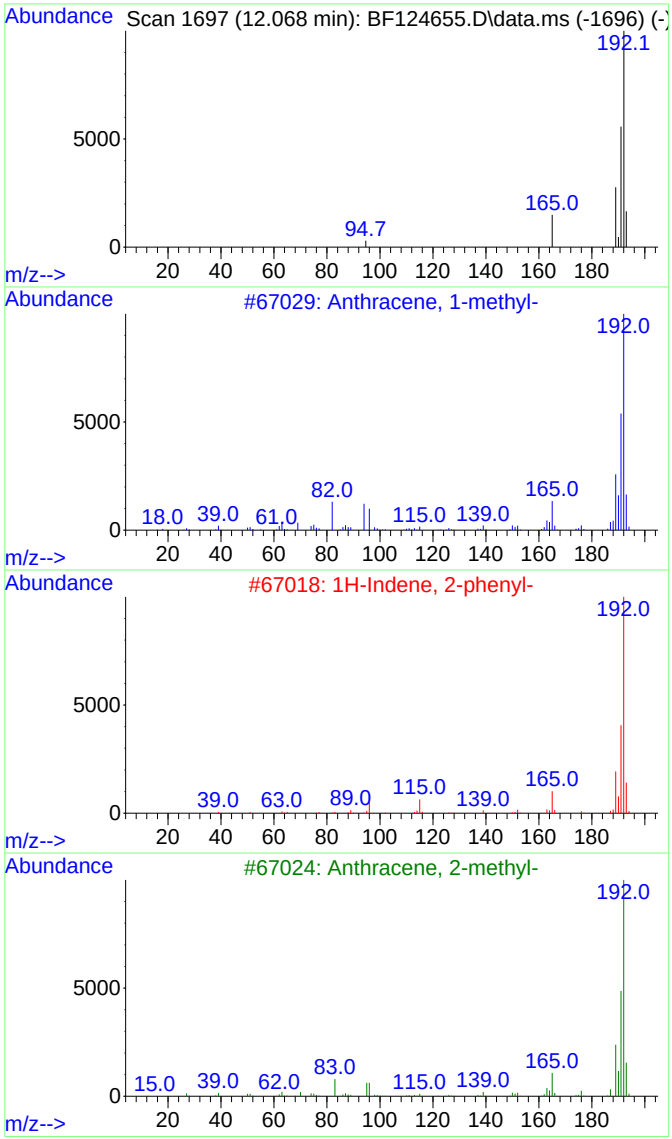
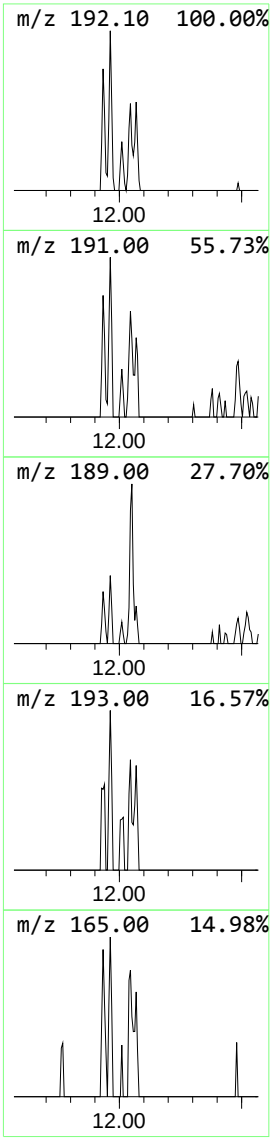
Peak Number 4 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.068	3.24 ng	5592	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	72
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

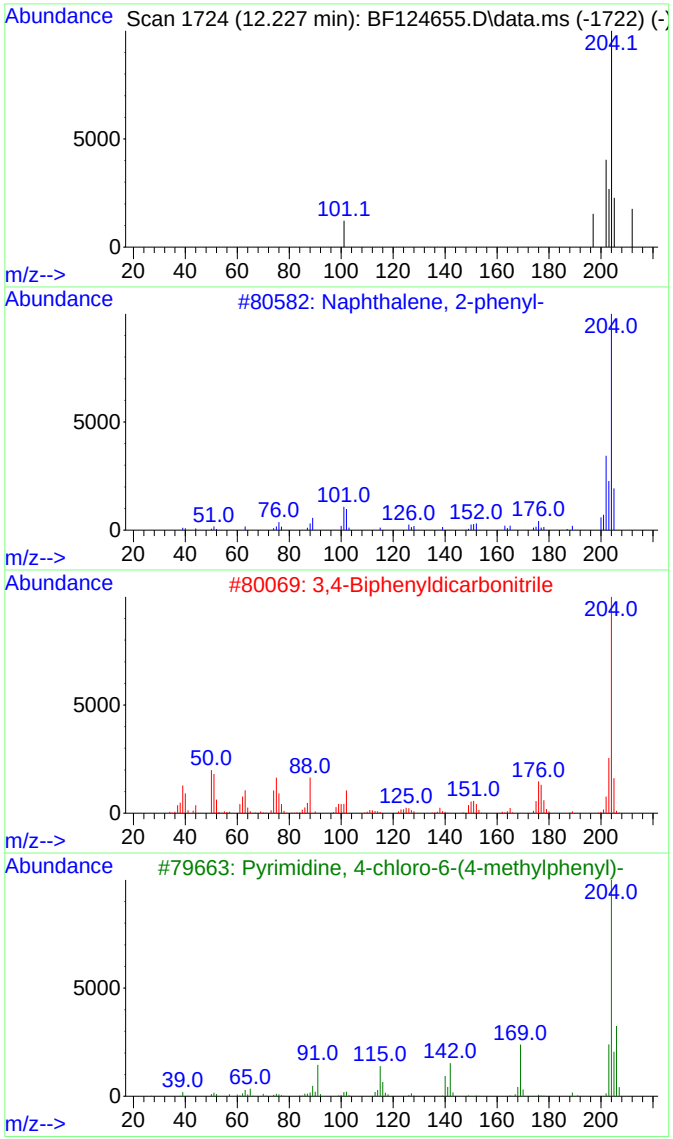
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

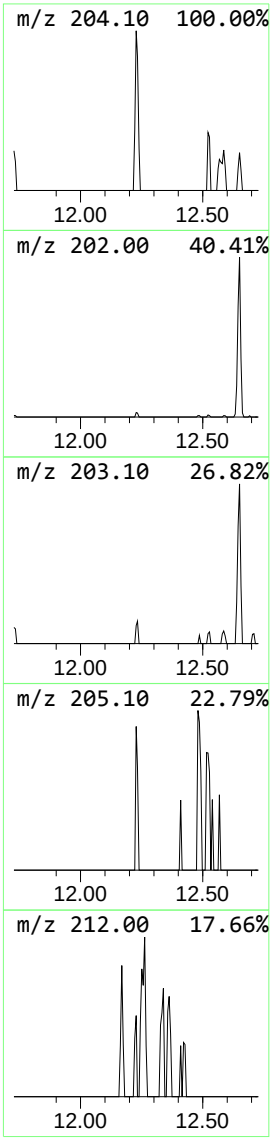
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	2.84 ng	4889	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	9
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	9
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	9
5	2-Methylthio-1,4-naphthoquinone	204	C11H8O2S	026037-60-5	9





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Operator : JU/CG
Sample : M3072-01 5X
Misc :
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Instrument :
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ClientSampleId :
OR-02-071621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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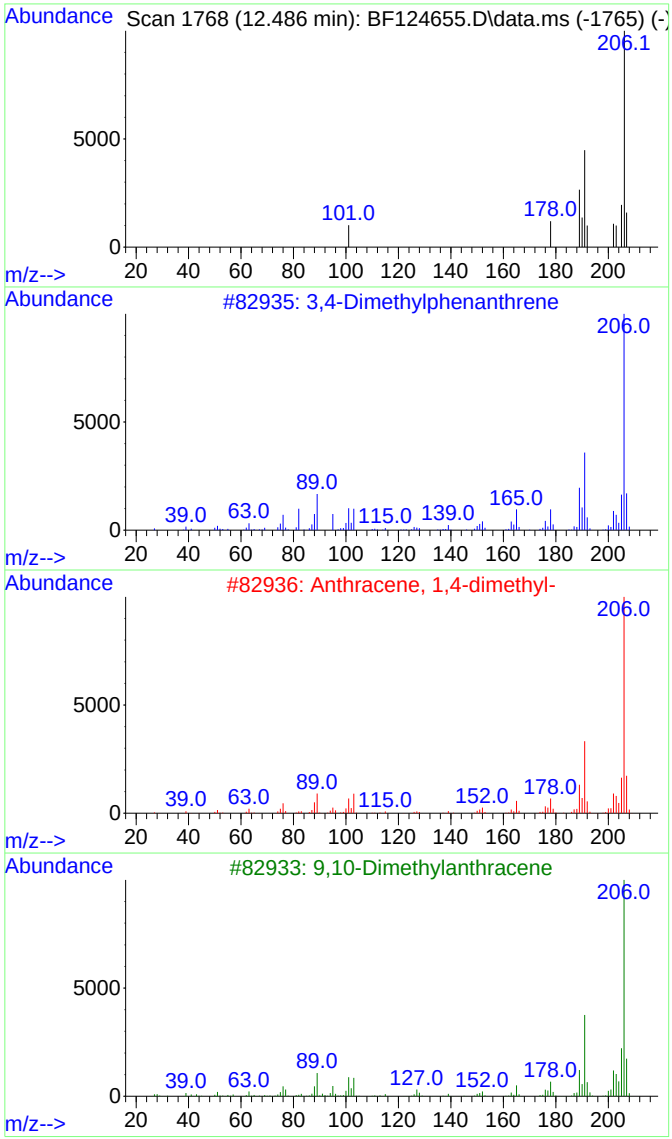
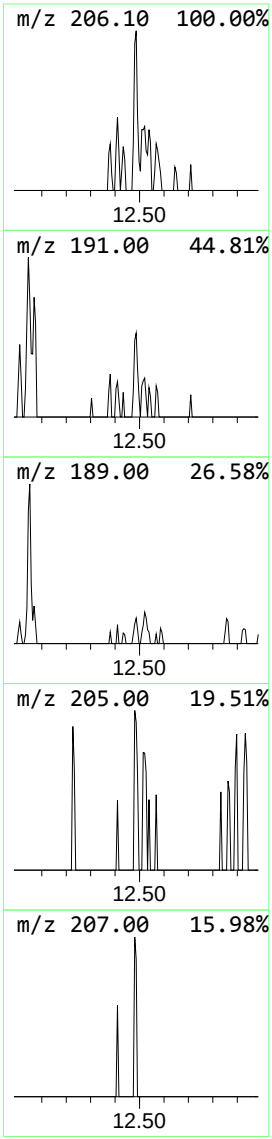
Peak Number 6 3,4-Dimethylphenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.81 ng	8297	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	86





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Sample : M3072-01 5X
Misc :
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ClientSampleId :
OR-02-071621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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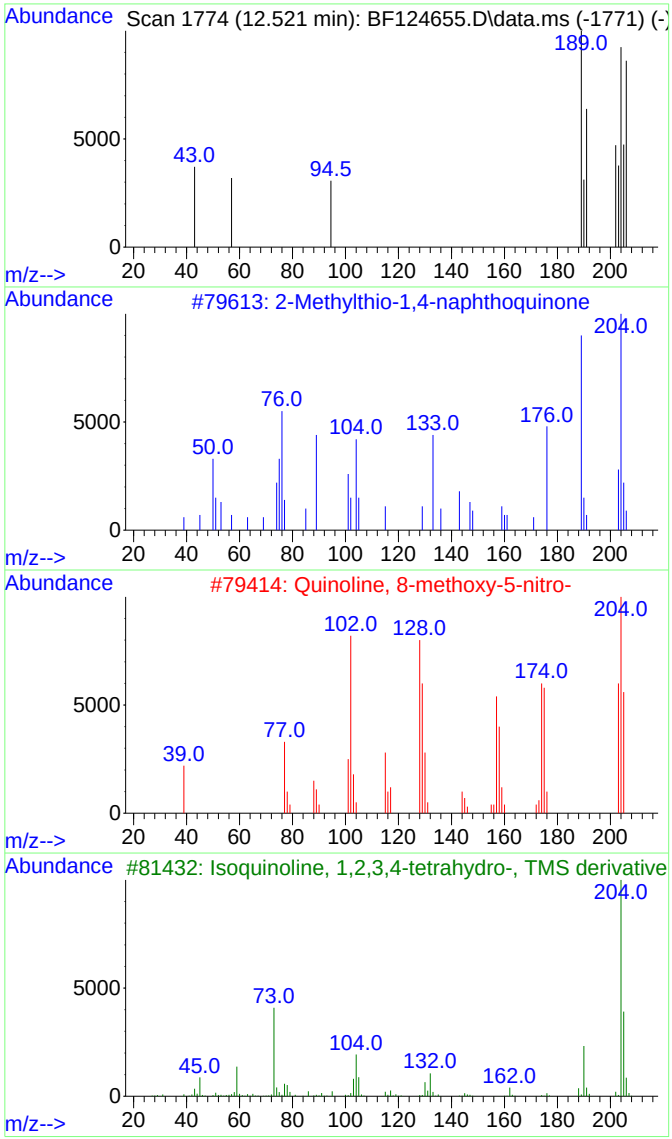
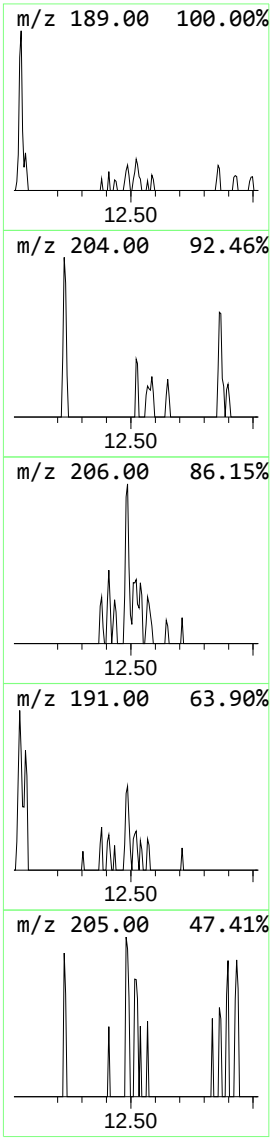
Peak Number 7 unknown12.521 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	3.91 ng	6745	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylthio-1,4-naphthoquinone	204	C11H8O2S	026037-60-5	32
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	12
3	Isoquinoline, 1,2,3,4-tetrahydro...	205	C12H19NSi	069944-96-3	9
4	2-Acetyl-5-bromothiophene	204	C6H5BrOS	005370-25-2	9
5	2,10,10-Trimethyltricyclo[7.1.1....	204	C14H20O	1000210-81-9	9





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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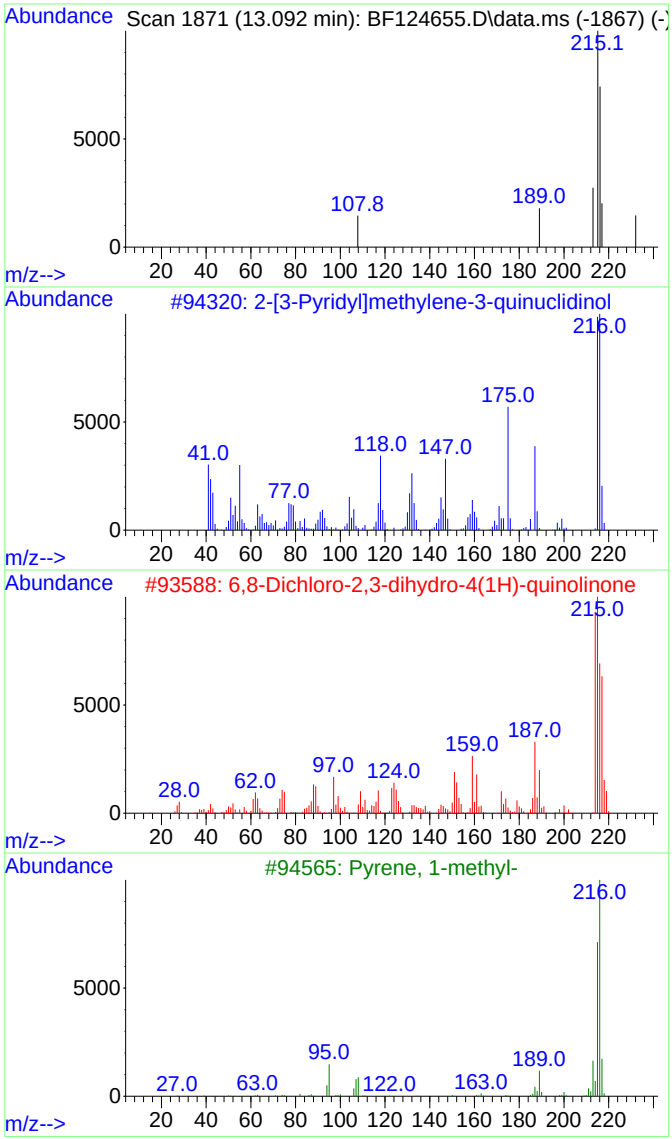
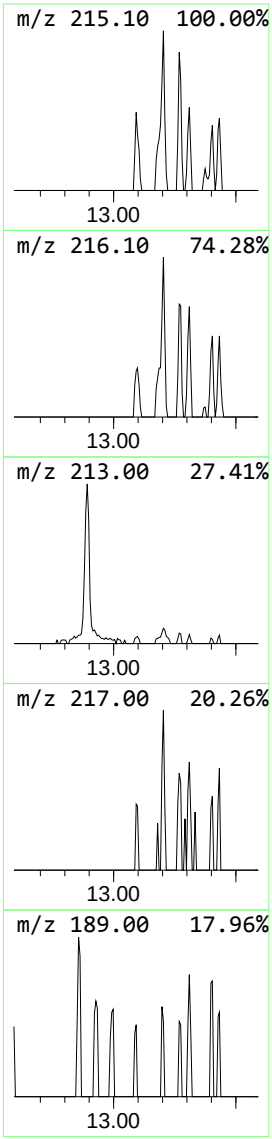
Peak Number 8 2-[3-Pyridyl]methylene-3-qu... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.36 ng	6200	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	74
2	6,8-Dichloro-2,3-dihydro-4(1H)-q...	215	C9H7Cl2NO	036054-22-5	40
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	23
4	2H-Benzimidazol-2-one, 6,7-dichl...	216	C8H6Cl2N2O	077572-79-3	9
5	Hydrazidiamantane	216	C14H20N2	1000138-39-6	9





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Sample : M3072-01 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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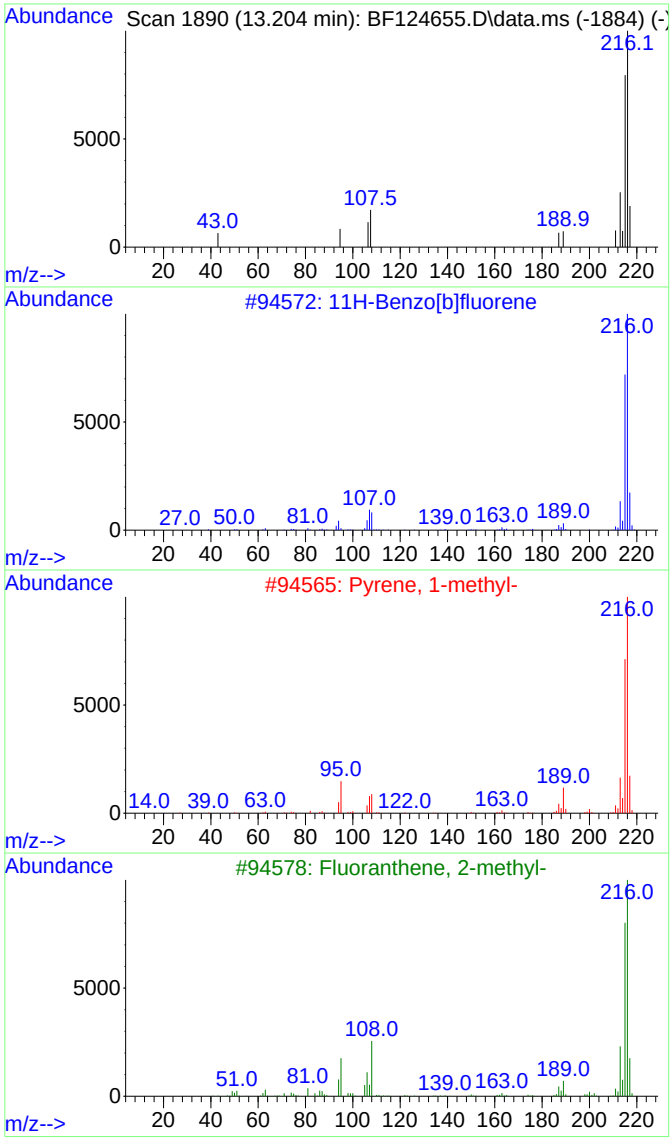
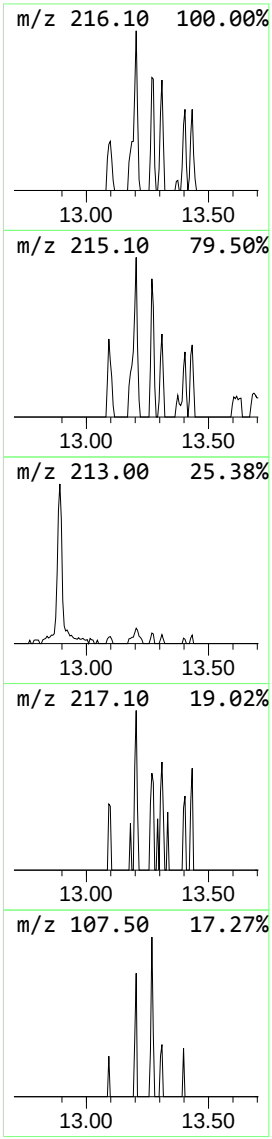
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	6.80 ng	17894	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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ClientSampleId : OR-02-071621

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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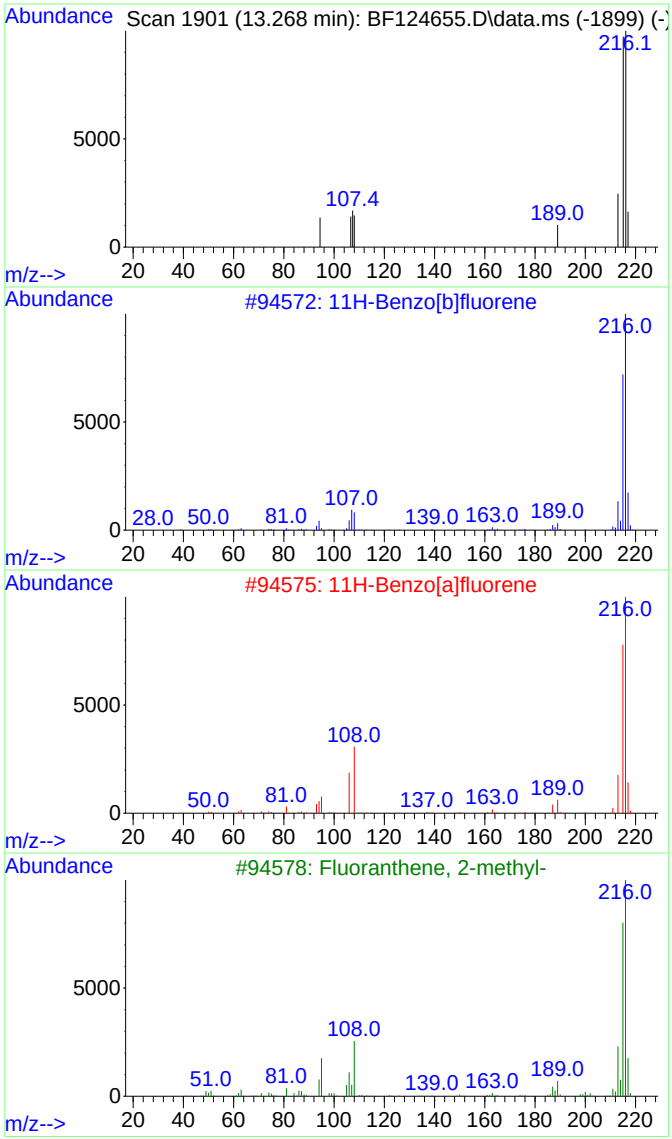
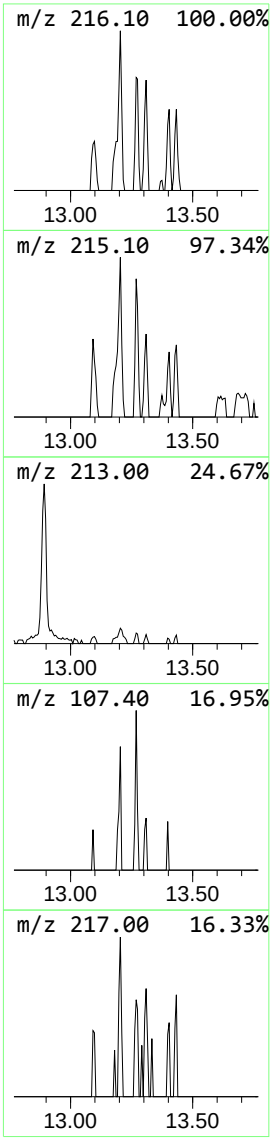
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	3.67 ng	9656	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	64





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Sample : M3072-01 5X
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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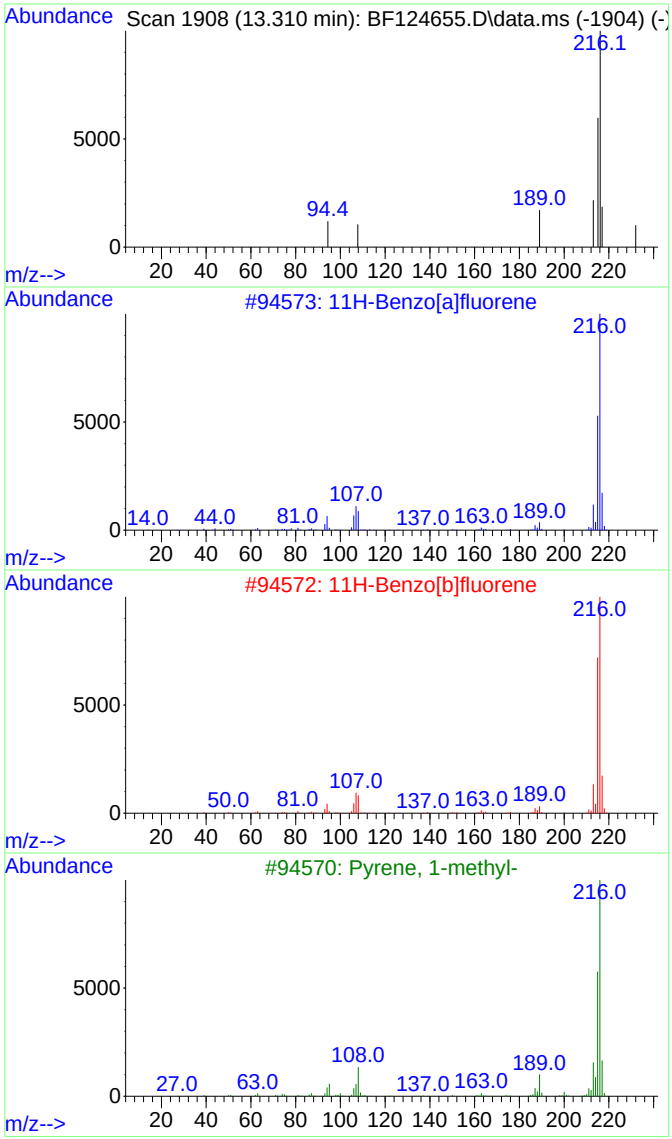
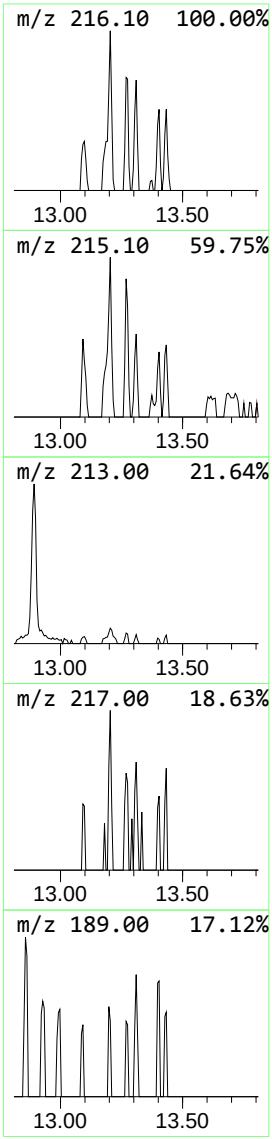
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	3.26 ng	8582	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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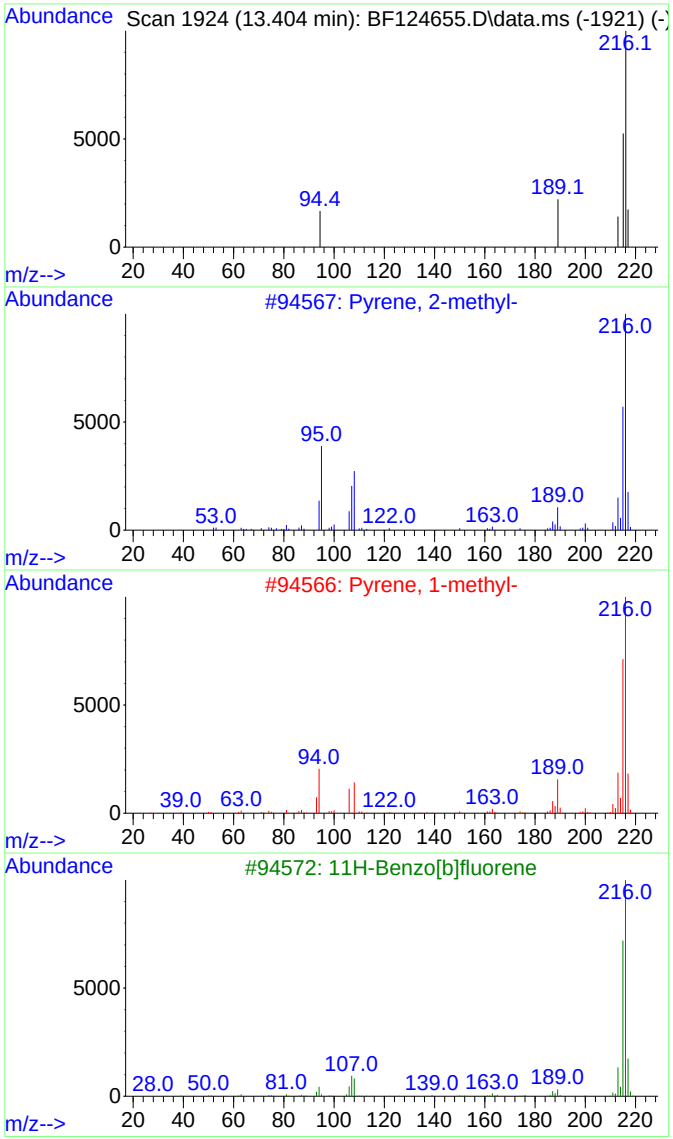
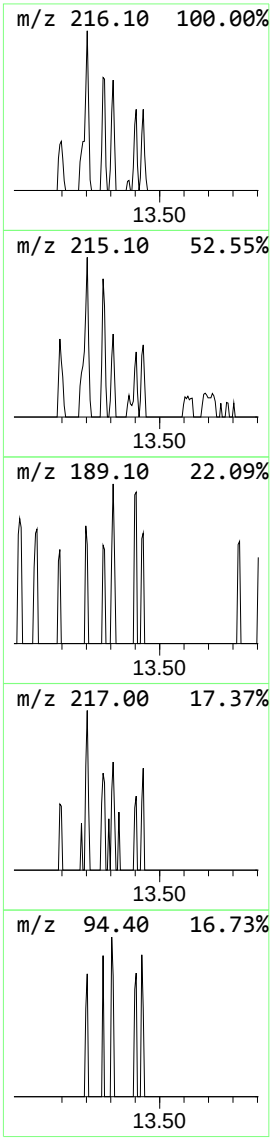
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	2.22 ng	5834	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	78





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ALS Vial : 20 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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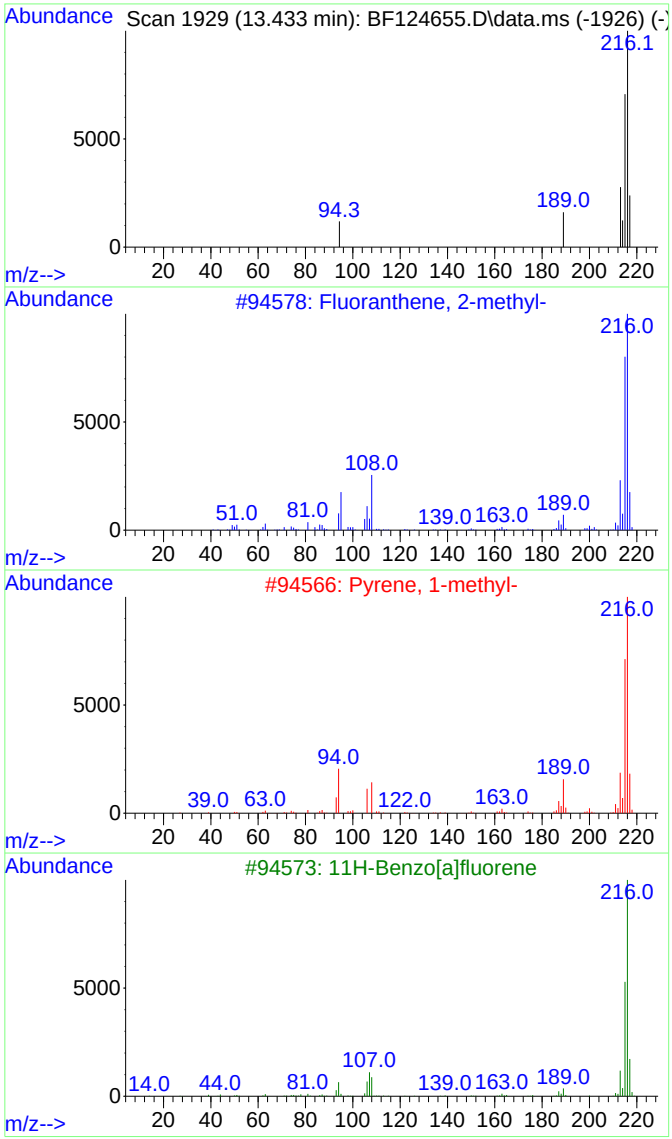
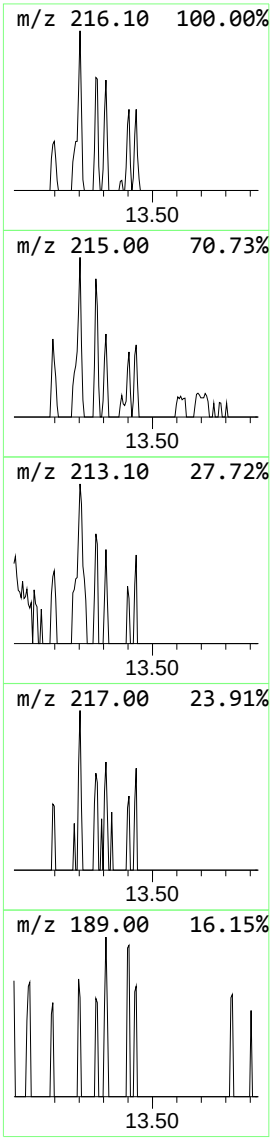
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	2.37 ng	6234	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Boroxin, diethylphenyl-	216	C10H15B3O3	1000151-81-1	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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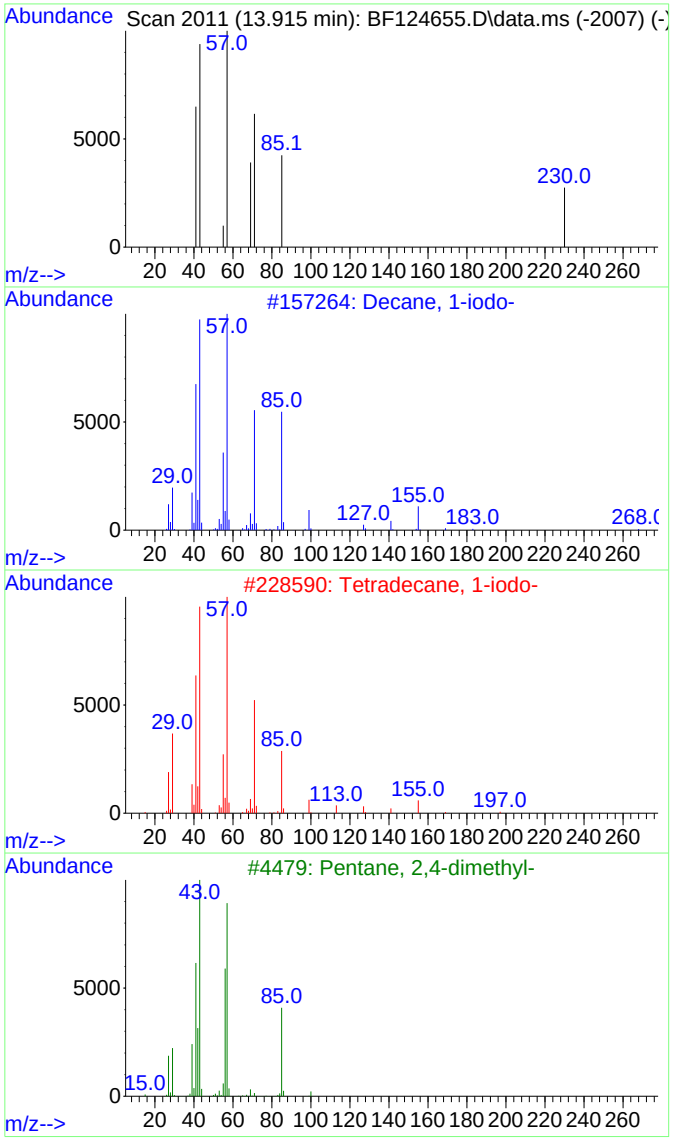
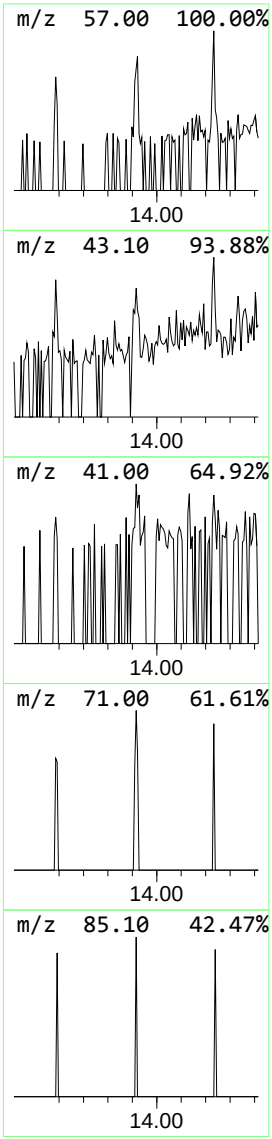
Peak Number 14 unknown13.915 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	2.26 ng	5940	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	39
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	39
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	32
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	9
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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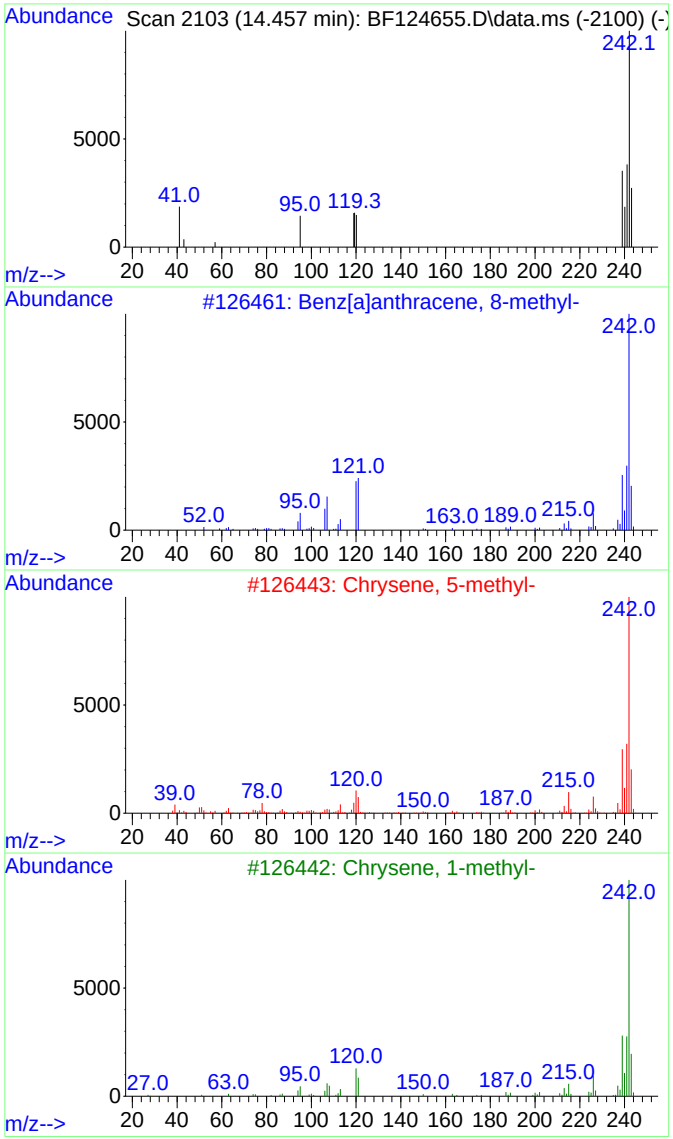
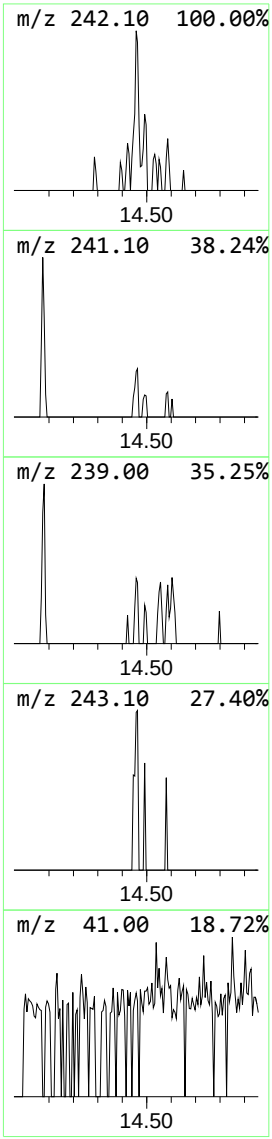
Peak Number 15 Benz[a]anthracene, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	2.52 ng	6624	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	64
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	64
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	59
4	2-Methylchrysene	242	C19H14	003351-32-4	59
5	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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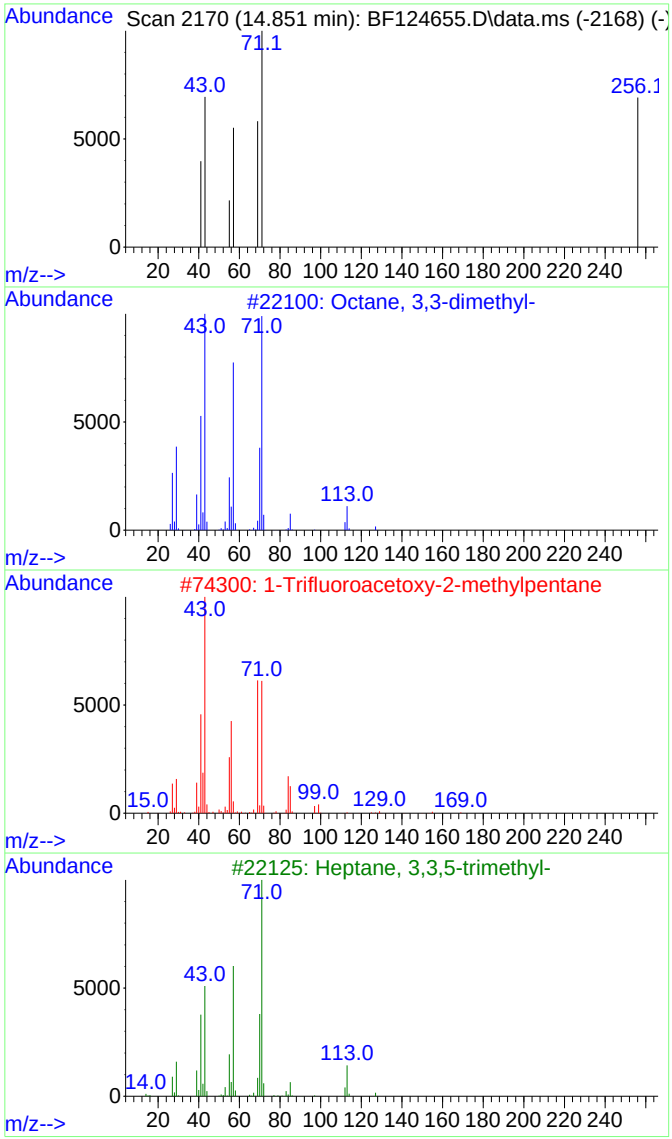
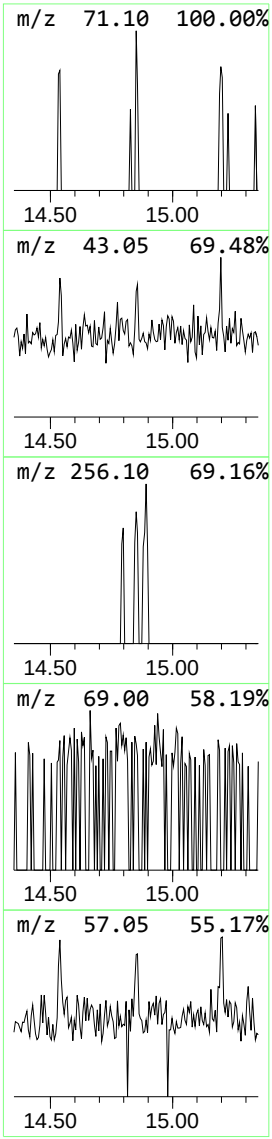
Peak Number 16 unknown14.851 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	2.54 ng	2410	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	9
2	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	4
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	4
4	Oxalic acid, neopentyl propyl ester	202	C10H18O4	1000309-72-5	4
5	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	4





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Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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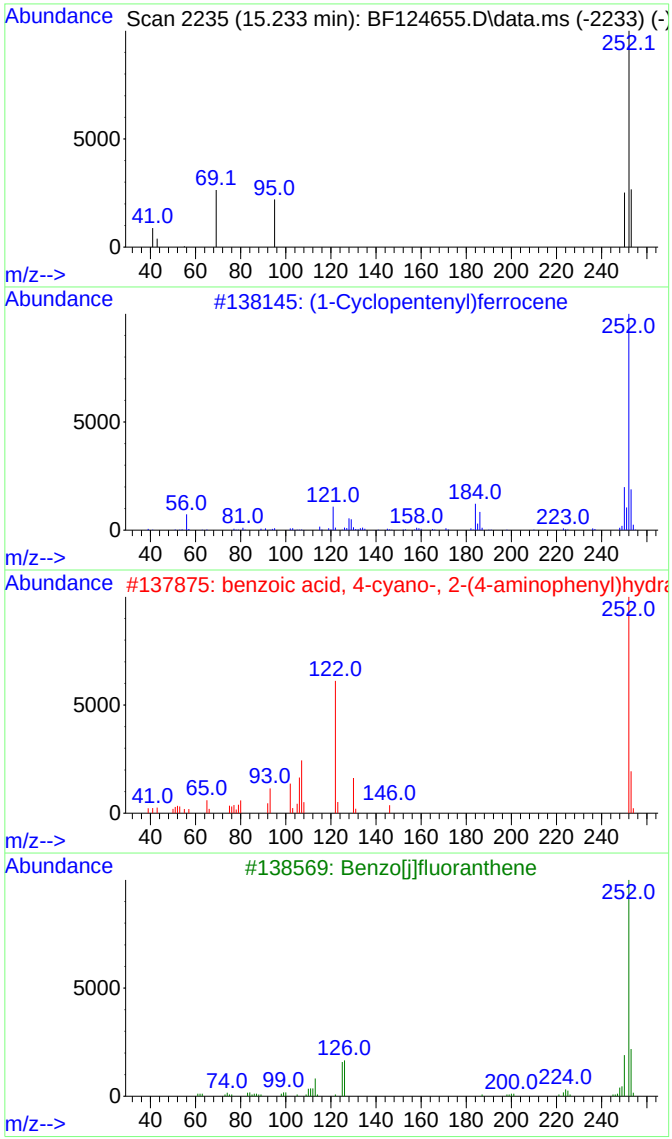
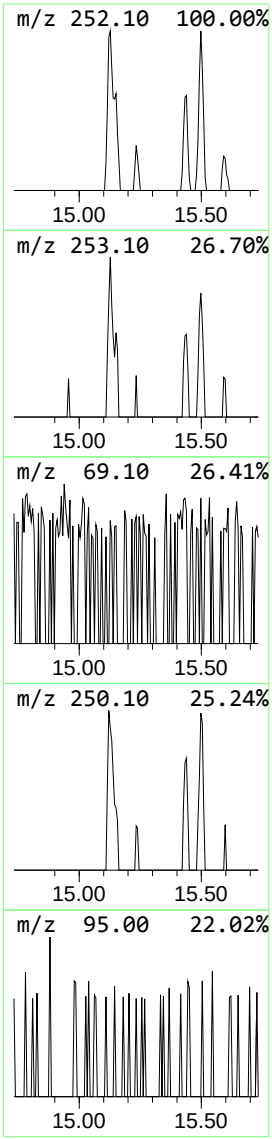
Peak Number 17 unknown15.233 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	2.56 ng	2427	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	9
2	benzoic acid, 4-cyano-, 2-(4-ami...	252	C14H12N4O	1000396-65-7	5
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	5
4	Benzo[a]pyrene	252	C20H12	000050-32-8	5
5	1,2,3,4-Tetrahydropyridino[1,2-a...	252	C15H12N2O2	025219-83-4	5





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Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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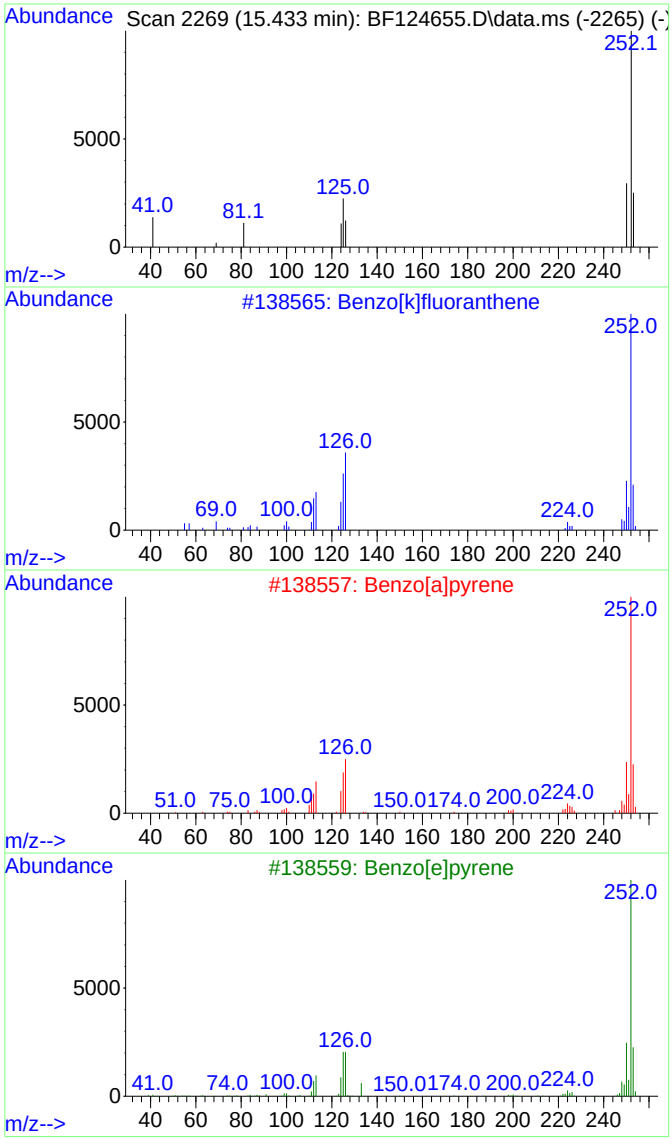
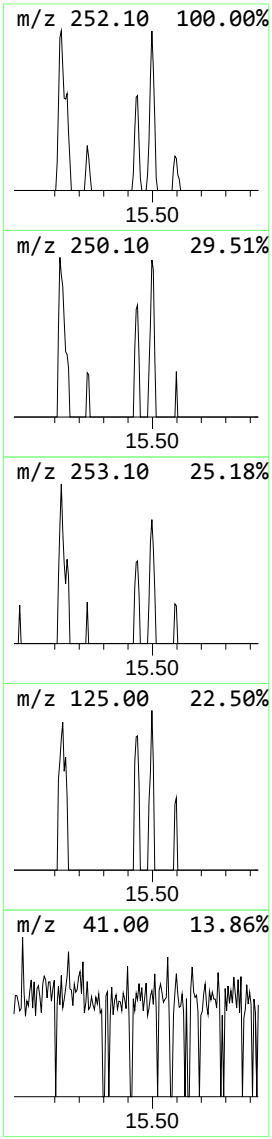
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	8.40 ng	7975	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
2	Benzo[a]pyrene	252	C20H12	000050-32-8	64
3	Benzo[e]pyrene	252	C20H12	000192-97-2	64
4	Perylene	252	C20H12	000198-55-0	64
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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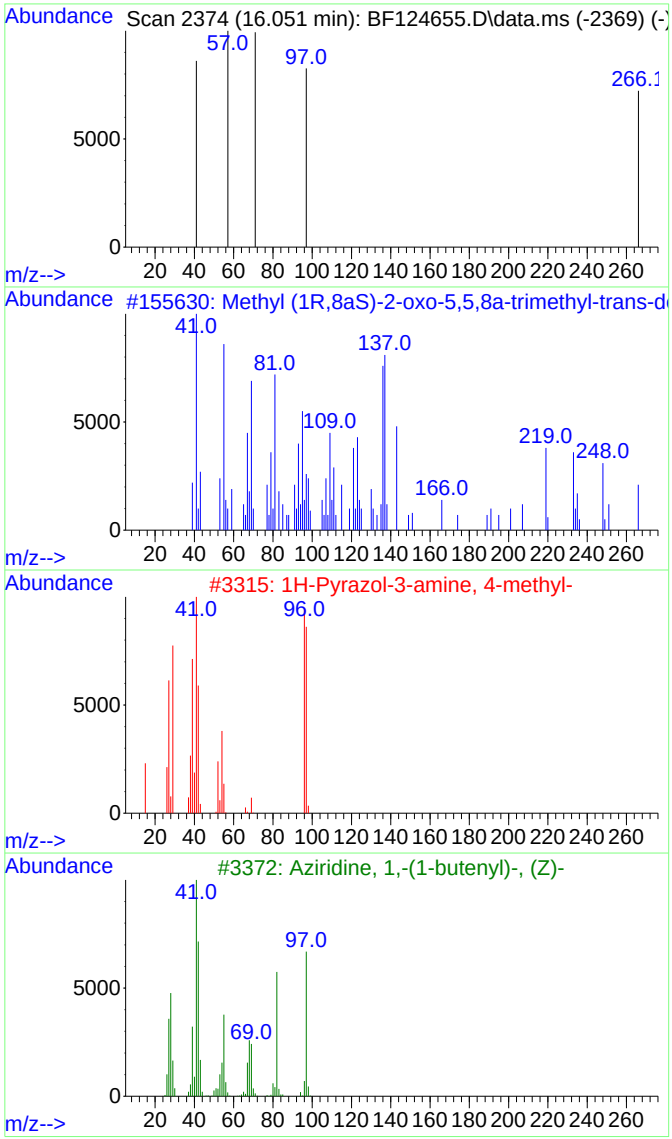
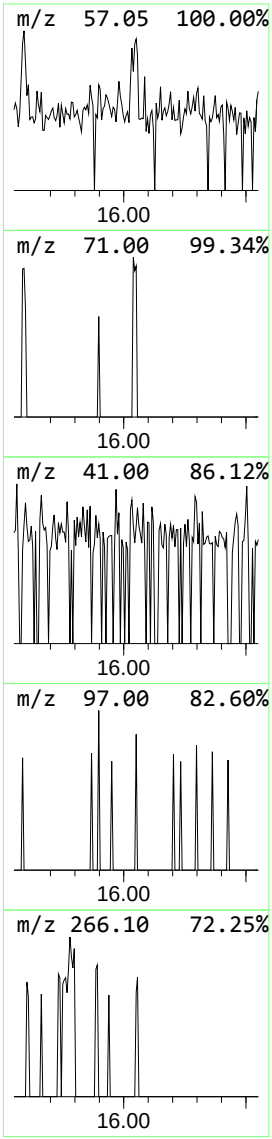
Peak Number 19 unknown16.051 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	2.40 ng	2275	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl (1R,8aS)-2-oxo-5,5,8a-tri...	266	C16H26O3	067119-91-9	4
2	1H-Pyrazol-3-amine, 4-methyl-	97	C4H7N3	064781-79-9	4
3	Aziridine, 1,-(1-butenyl)-, (Z)-	97	C6H11N	080839-94-7	4
4	1-But-1-enylaziridine	97	C6H11N	1000195-06-7	4
5	2-Propionyl-1-pyrroline	125	C7H11NO	1010298-55-4	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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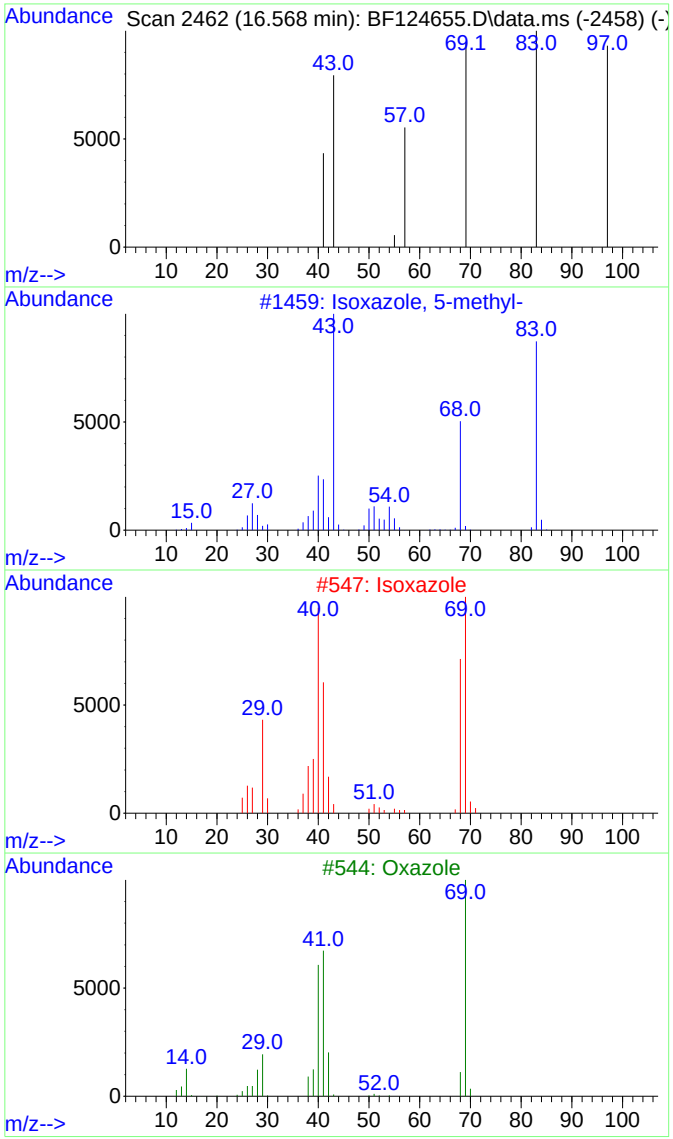
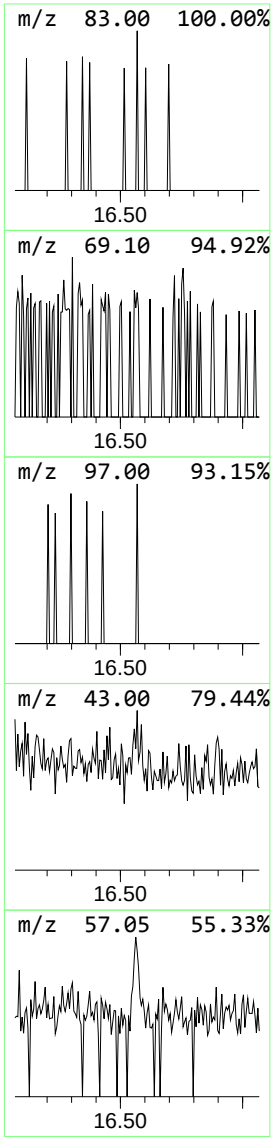
Peak Number 20 unknown16.568 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.568	2.71 ng	2574	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	5
2	Isoxazole	69	C3H3NO	000288-14-2	4
3	Oxazole	69	C3H3NO	000288-42-6	4
4	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	3
5	3-Aminopyrazole	83	C3H5N3	001820-80-0	3





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124655.D
Acq On : 21 Jul 2021 6:24
Operator : JU/CG
Sample : M3072-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071621

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 9-m...	11.933	6.9	ng	11948	4	11.433	34483	20.0
Phenanthrene, 3...	11.963	7.8	ng	13409	4	11.433	34483	20.0
4H-Cyclopenta[d...	12.045	13.4	ng	23189	4	11.433	34483	20.0
Anthracene, 1-m...	12.068	3.2	ng	5592	4	11.433	34483	20.0
Naphthalene, 2-...	12.227	2.8	ng	4889	4	11.433	34483	20.0
3,4-Dimethylphe...	12.486	4.8	ng	8297	4	11.433	34483	20.0
unknown12.521	12.521	3.9	ng	6745	4	11.433	34483	20.0
2-[3-Pyridyl]me...	13.092	2.4	ng	6200	5	14.074	52626	20.0
11H-Benzo[b]flu...	13.204	6.8	ng	17894	5	14.074	52626	20.0
11H-Benzo[a]flu...	13.268	3.7	ng	9656	5	14.074	52626	20.0
Pyrene, 1-methyl-	13.310	3.3	ng	8582	5	14.074	52626	20.0
Pyrene, 2-methyl-	13.404	2.2	ng	5834	5	14.074	52626	20.0
Fluoranthene, 2...	13.433	2.4	ng	6234	5	14.074	52626	20.0
unknown13.915	13.915	2.3	ng	5940	5	14.074	52626	20.0
Benz[a]anthrace...	14.457	2.5	ng	6624	5	14.074	52626	20.0
unknown14.851	14.851	2.5	ng	2410	6	15.562	18989	20.0
unknown15.233	15.233	2.6	ng	2427	6	15.562	18989	20.0
Benzo[e]pyrene	15.433	8.4	ng	7975	6	15.562	18989	20.0
unknown16.051	16.051	2.4	ng	2275	6	15.562	18989	20.0
unknown16.568	16.568	2.7	ng	2574	6	15.562	18989	20.0