LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129148.D
Acq On : 06 Jul 2022 17:56
Operator : CG\JU
Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8B

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129148.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.192	488	494	500	rBV3	96214	125014	2.47%	0.178%
2	5.381	521	526	530	rBV3	49795	78259	1.54%	0.111%
3	5.575	553	559	563	rBV	4919248	4717892	93.14%	6.717%
4	5.863	603	608	616	rVB2	136422	135262	2.67%	0.193%
5	5.987	623	629	632	rBV2	63597	78381	1.55%	0.112%
6	6.210	660	667	673	rBV5	82875	163763	3.23%	0.233%
7	6.481	710	713	716	rBV3	62650	83644	1.65%	0.119%
8	6.575	724	729	732	rBV	4826540	4425706	87.37%	6.301%
9	6.781	761	764	768	rBV	233339	199825	3.94%	0.284%
10	6.957	790	794	797	rBV	1771932	1454873	28.72%	2.071%
11	7.269	844	847	853	rVB2	79645	88905	1.76%	0.127%
12	7.486	878	884	885	rBV2	85081	93921	1.85%	0.134%
13	7.516	885	889	892	rVV	3437724	2992694	59.08%	4.261%
14	7.539	892	893	897	rVV	164042	92092	1.82%	0.131%
15	7.745	925	928	935	rVB3	79278	99660	1.97%	0.142%
16	7.975	964	967	969	rVB	102534	85323	1.68%	0.121%
17	8.210	1003	1007	1008	rBV	132228	117066	2.31%	0.167%
18	8.239	1008	1012	1014	rVV	2164640	1824804	36.02%	2.598%
19	8.257	1014	1015	1017	rVV	136325	84536	1.67%	0.120%
20	8.281	1017	1019	1023	rVB2	88276	85514	1.69%	0.122%
21	8.816	1108	1110	1114	rBV2	134520	111364	2.20%	0.159%
22	8.951	1130	1133	1136	rVB	114590	85923	1.70%	0.122%
23	9.310	1190	1194	1198	rBV	5373628	5065393	100.00%	7.212%
24	9.380	1203	1206	1210	rVB	158173	145939	2.88%	0.208%
25	9.580	1236	1240	1244	rBV	72049	87152	1.72%	0.124%
26	9.916	1293	1297	1300	rVB	201970	164053	3.24%	0.234%
27	9.998	1307	1311	1314	rBV	2047561	1633311	32.24%	2.325%
28	10.027	1314	1316	1320	rVB	235703	189454	3.74%	0.270%
29	10.198	1343	1345	1349	rVV	144769	137959	2.72%	0.196%
30	10.416	1376	1382	1385	rBV	245920	232349	4.59%	0.331%
31	10.545	1400	1404	1409	rVB	227363	196284	3.88%	0.279%
32	10.633	1417	1419	1422	rVB2	128721	104958	2.07%	0.149%
33	10.704	1425	1431	1435	rVB2	66381	104355	2.06%	0.149%
34	10.786	1441	1445	1456	rVV	3068005	2634899	52.02%	3.751%
35	10.892	1460	1463	1472	rVB	216191	354099	6.99%	0.504%
36	11.092	1491	1497	1500	rBV4	73311	127326	2.51%	0.181%

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-8B

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.339	1535	1539	1542	rBV3	181832	213714	4.22%	0.304%
38	11.386	1542	1547	1551	rVB2	177024	213139	4.21%	0.303%
39	11.492	1561	1565	1567	rBV	1594127	1576056	31.11%	2.244%
40	11.516	1567	1569	1572	rVV	2409587	1822964	35.99%	2.595%
41	11.563	1572	1577	1580	rVB	671065	602092	11.89%	0.857%
42	11.716	1597	1603	1609	rBV2	129218	192242	3.80%	0.274%
43	11.992	1644	1650	1653	rBV2	420215	516664	10.20%	0.736%
44	12.021	1653	1655	1659	rVV	472167	380563	7.51%	0.542%
45	12.068	1660	1663	1666	rVV	173425	158643	3.13%	0.226%
46	12.104	1666	1669	1672	rVV2	526734	643791	12.71%	0.917%
47	12.127	1672	1673	1678	rVB	249972	137358	2.71%	0.196%
48	12.286	1697	1700	1702	rBV	245532	204101	4.03%	0.291%
49	12.310	1702	1704	1708	rVB2	109989	96815	1.91%	0.138%
50	12.439	1720	1726	1728	rBV	104064	121491	2.40%	0.173%
51	12.468	1728	1731	1733	rVV	86603	77418	1.53%	0.110%
52	12.545	1740	1744	1746	rBV	217565	238383	4.71%	0.339%
53	12.580	1746	1750	1752	rVV3	136386	202977	4.01%	0.289%
54	12.627	1756	1758	1763	rVV2	142481	168069	3.32%	0.239%
55	12.710	1768	1772	1775	rBV	4211676	3500724	69.11%	4.984%
56	12.863	1795	1798	1800	rVV	167810	155011	3.06%	0.221%
57	12.939	1804	1811	1816	rBV	3779949	4100107	80.94%	5.837%
58	12.986	1816	1819	1823	rVB2	197813	212269	4.19%	0.302%
59	13.074	1831	1834	1841	rVB	4282551	4282992	84.55%	6.098%
60	13.151	1843	1847	1852	rBV3	238276	407466	8.04%	0.580%
61	13.239	1859	1862	1864	rBV3	154074	197693	3.90%	0.281%
62	13.263	1864	1866	1869	rVB	549884	522264	10.31%	0.744%
63	13.333	1874	1878	1880	rBV	492739	416312	8.22%	0.593%
64	13.368	1880	1884	1887	rVV2	379183	393814	7.77%	0.561%
65	13.463	1897	1900	1903	rBV	213561	187612	3.70%	0.267%
66	13.492	1903	1905	1909	rBV2	201067	198761	3.92%	0.283%
67	13.639	1925	1930	1932	rBV3	103983	128305	2.53%	0.183%
68	13.668	1932	1935	1937	rVV3	103207	128501	2.54%	0.183%
69	13.692	1937	1939	1942	rVV2	109623	129669	2.56%	0.185%
70	13.774	1950	1953	1957	rVB	186774	215054	4.25%	0.306%
71	13.886	1967	1972	1975	rBV3	244961	328196	6.48%	0.467%
72	13.915	1975	1977	1979	rVV	284558	216585	4.28%	0.308%
73	13.939	1979	1981	1985	rVV2	205027	271930	5.37%	0.387%
74	13.980	1986	1988	1992	rVB	150858	148487	2.93%	0.211%
75	14.133	2010	2014	2018	rBV3	2313056	3302369	65.19%	4.702%
76	14.168	2018	2020	2025	rVB	1858693	1528056	30.17%	2.176%

LSC Area Percent Report

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Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-8B

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.233	2027	2031	2032	rBV	417004	420859	8.31%	0.599%
78	14.286	2037	2040	2044	rBV3	102030	101194	2.00%	0.144%
79	14.368	2049	2054	2056	rBV2	144133	204115	4.03%	0.291%
80	14.527	2076	2081	2084	rVV	402607	445449	8.79%	0.634%
81	14.557	2084	2086	2090	rVV	214334	213452	4.21%	0.304%
82	14.592	2090	2092	2094	rVV2	137173	137404	2.71%	0.196%
83	14.621	2095	2097	2100	rVV2	165174	175064	3.46%	0.249%
84	14.657	2100	2103	2105	rVV	198626	221358	4.37%	0.315%
85	14.680	2105	2107	2110	rVV2	208195	186601	3.68%	0.266%
86	14.727	2111	2115	2119	rVB3	119093	149871	2.96%	0.213%
87	15.215	2193	2198	2201	rBV	1525549	2477374	48.91%	3.527%
88	15.268	2205	2207	2209	rVV	137536	136394	2.69%	0.194%
89	15.327	2213	2217	2220	rVB	278236	305053	6.02%	0.434%
90	15.415	2229	2232	2235	rBV4	86666	141417	2.79%	0.201%
91	15.533	2248	2252	2258	rVB	936844	1255490	24.79%	1.787%
92	15.598	2258	2263	2269	rVB	1384071	1795450	35.45%	2.556%
93	15.668	2269	2275	2278	rBV	1260594	1683685	33.24%	2.397%
94	15.698	2278	2280	2286	rVB2	431563	529076	10.44%	0.753%
95	16.256	2372	2375	2385	rVB3	87309	130972	2.59%	0.186%
96	17.221	2532	2539	2547	rVB2	599585	1223516	24.15%	1.742%
97	17.409	2567	2571	2576	rVB	103923	167582	3.31%	0.239%
98	17.474	2578	2582	2588	rVB2	87163	152949	3.02%	0.218%
99	17.692	2613	2619	2630	rVB	404889	864300	17.06%	1.231%
100	17.939	2657	2661	2667	rVB2	92878	179146	3.54%	0.255%

Sum of corrected areas: 70238380

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Sample : N3562-04
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Instrument :
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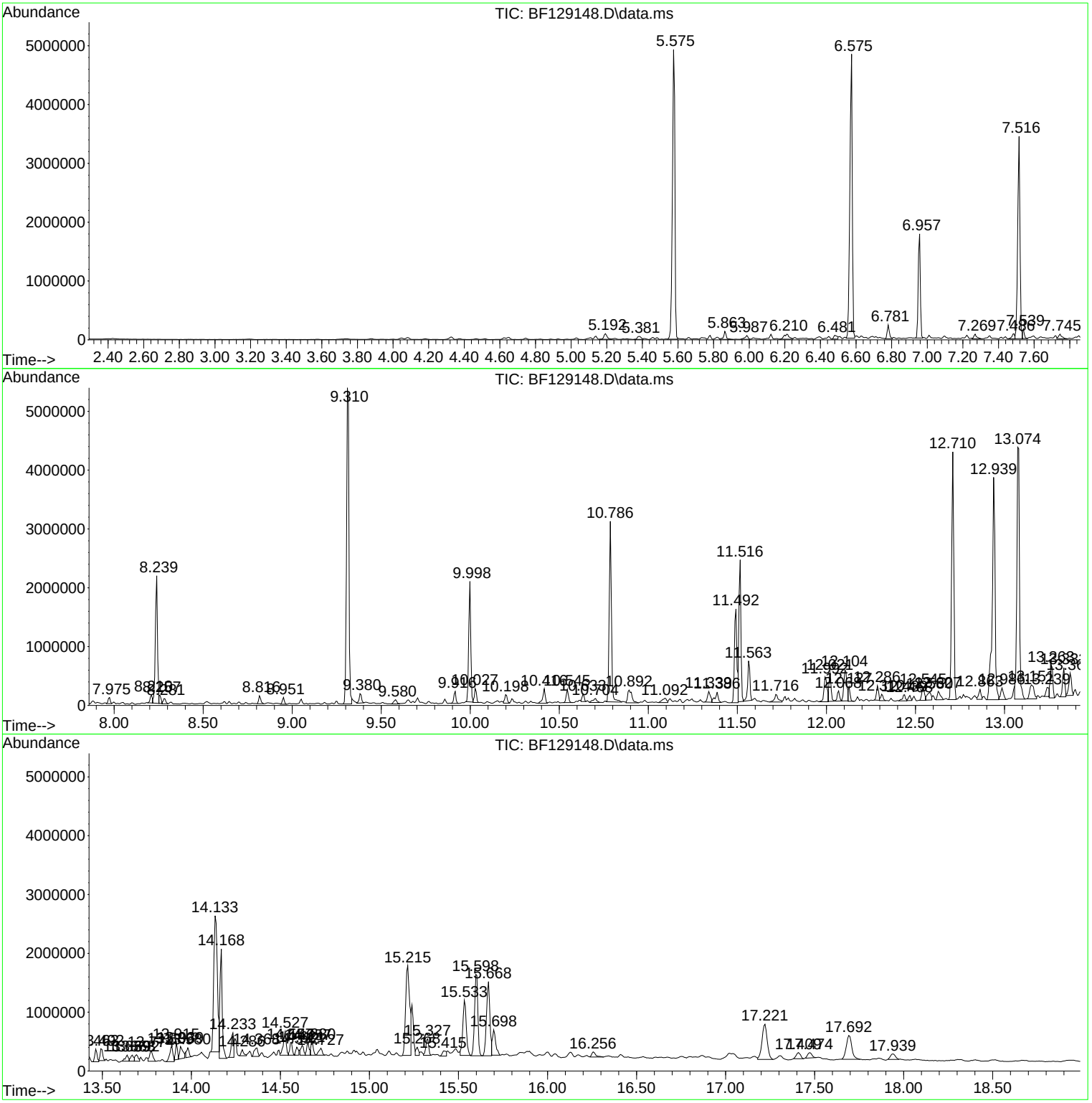
ClientSampleId :
SB-8B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF070622\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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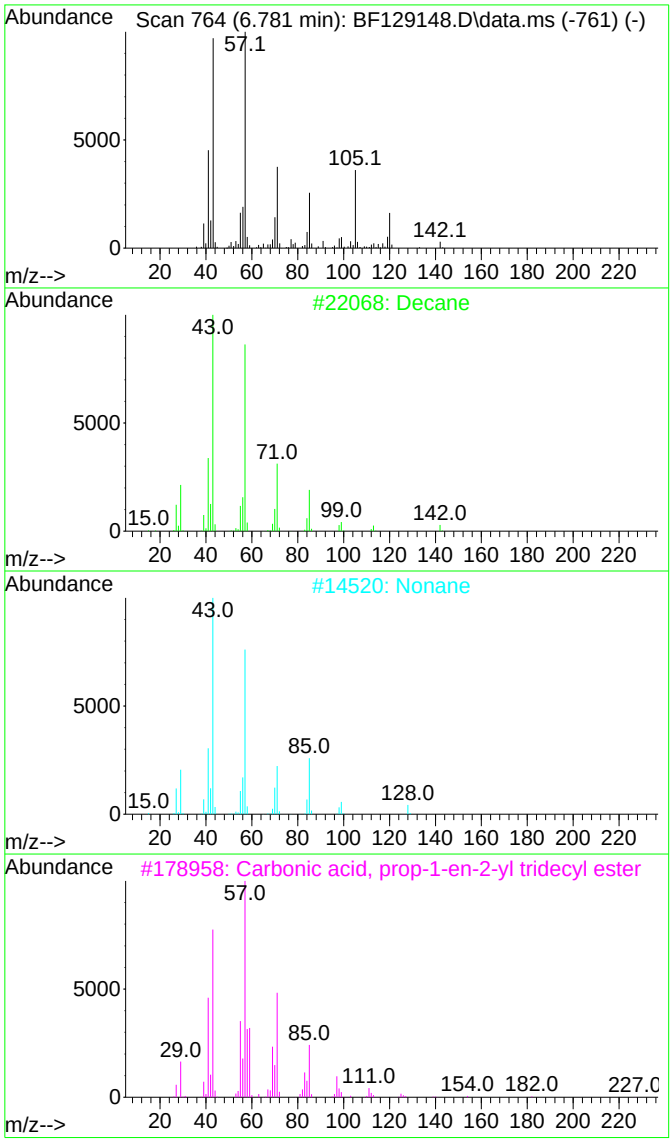
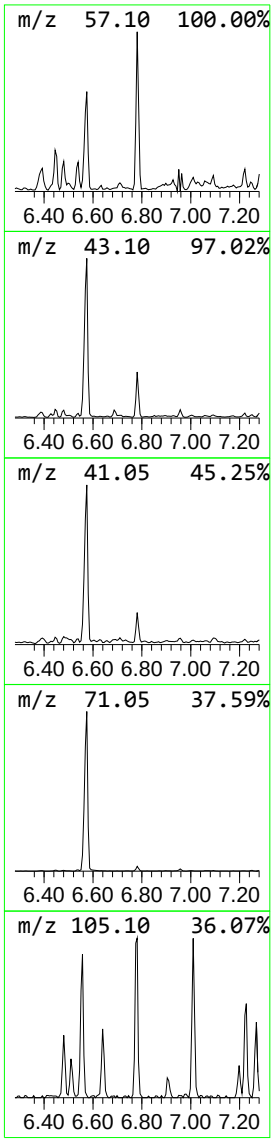
Peak Number 1 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	2.75 ng	199825	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	70
2	Nonane	128	C9H20	000111-84-2	58
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	58
4	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	53
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129148.D
Acq On : 06 Jul 2022 17:56
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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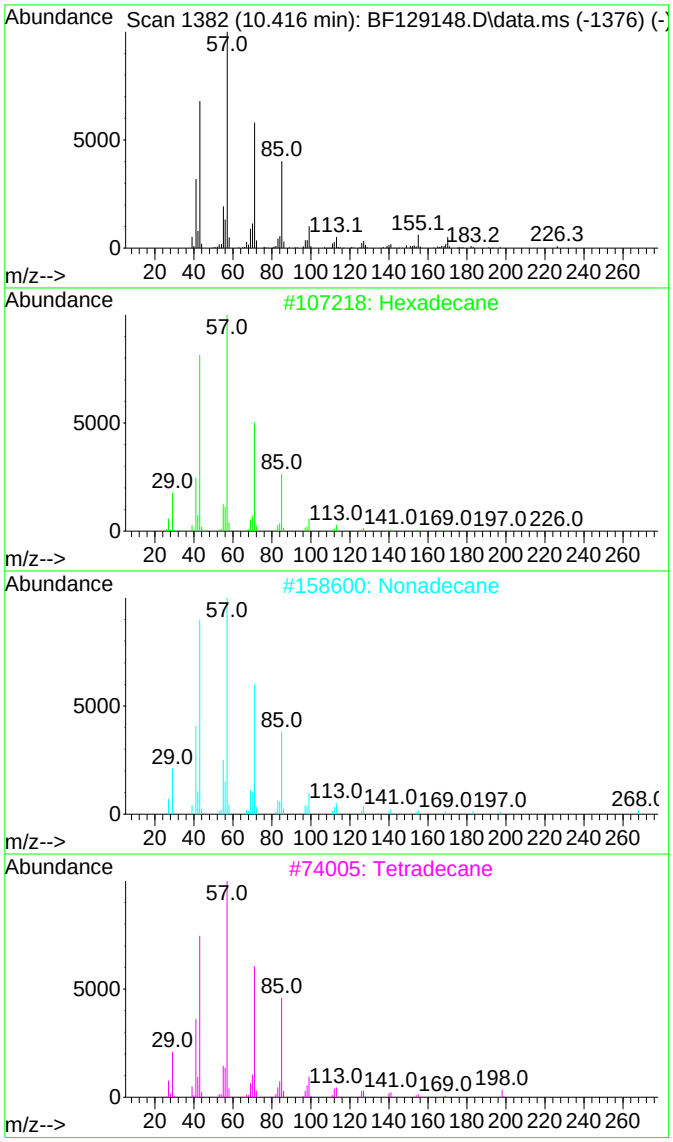
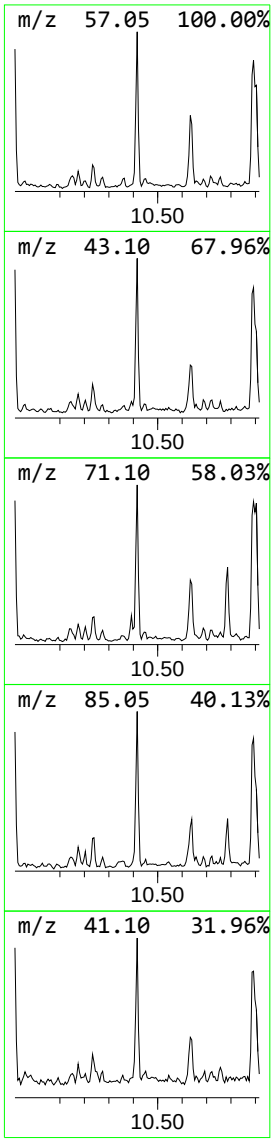
Peak Number 2 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	2.85 ng	232349	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Dodecane	170	C12H26	000112-40-3	83





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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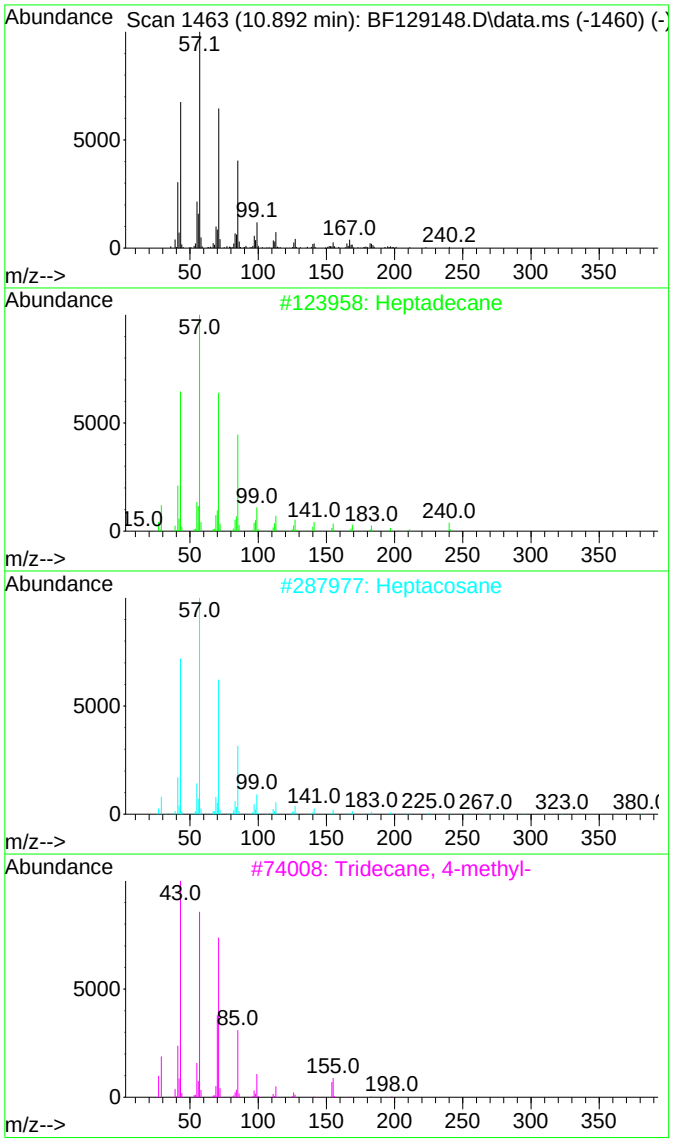
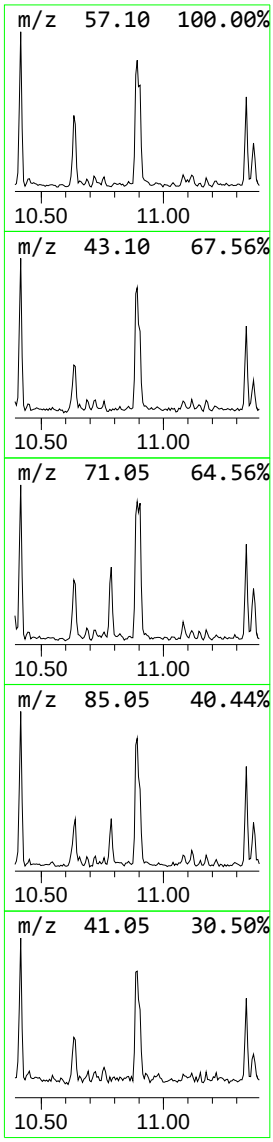
Peak Number 3 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	4.49 ng	354099	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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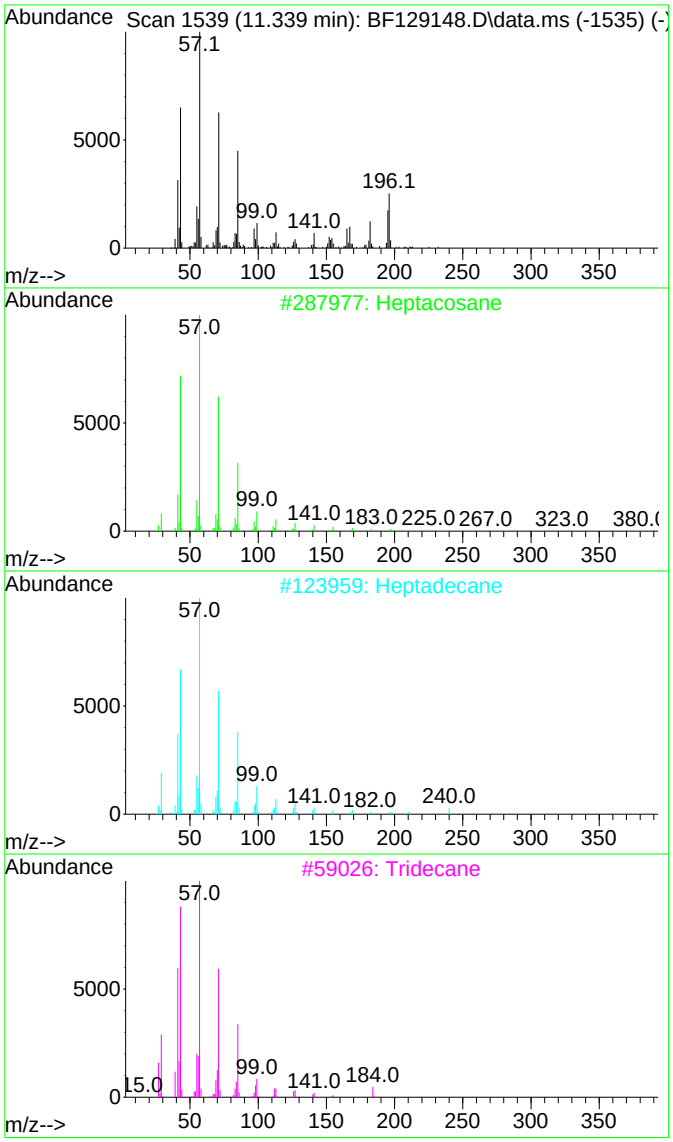
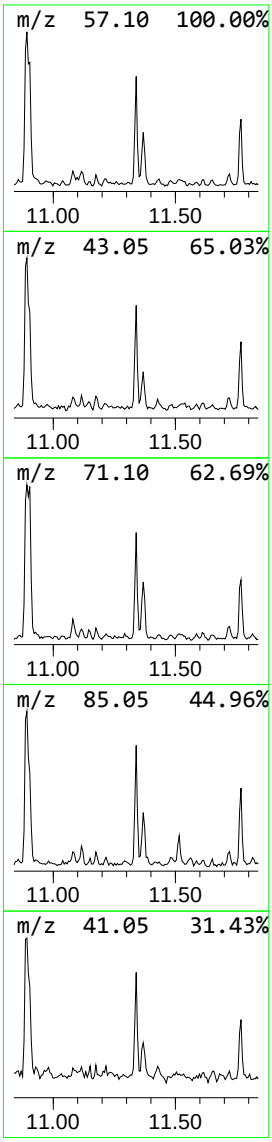
Peak Number 4 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	2.71 ng	213714	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Heptadecane	240	C17H36	000629-78-7	58
3	Tridecane	184	C13H28	000629-50-5	53
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	52
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	52





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Acq On : 06 Jul 2022 17:56
Operator : CG\JU
Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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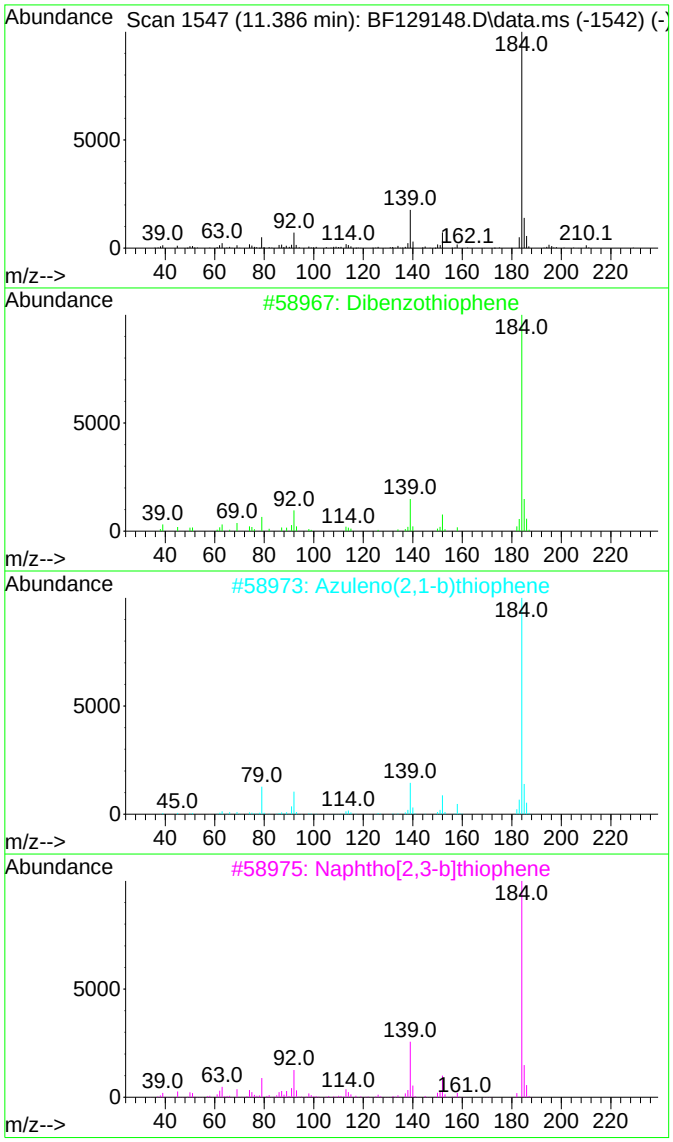
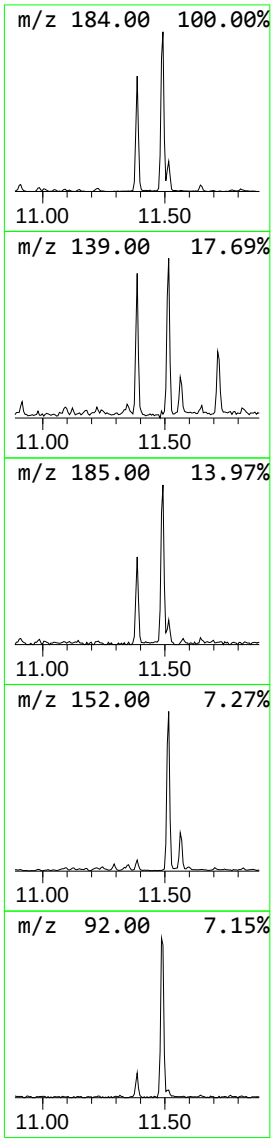
Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	2.70 ng	213139	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





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Sample : N3562-04
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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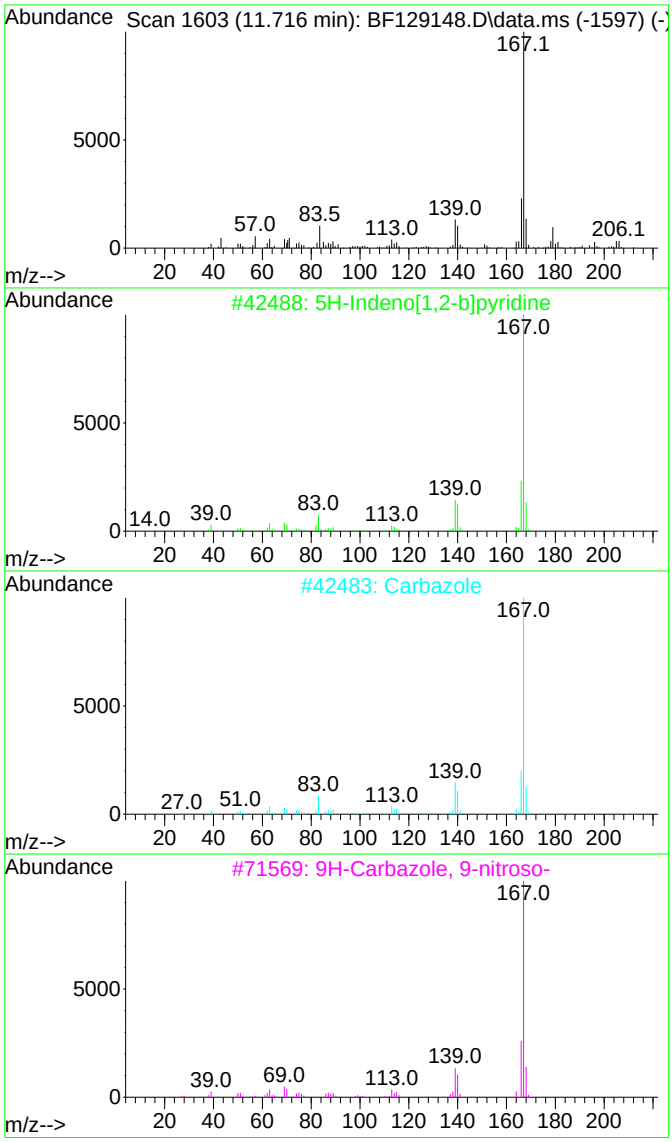
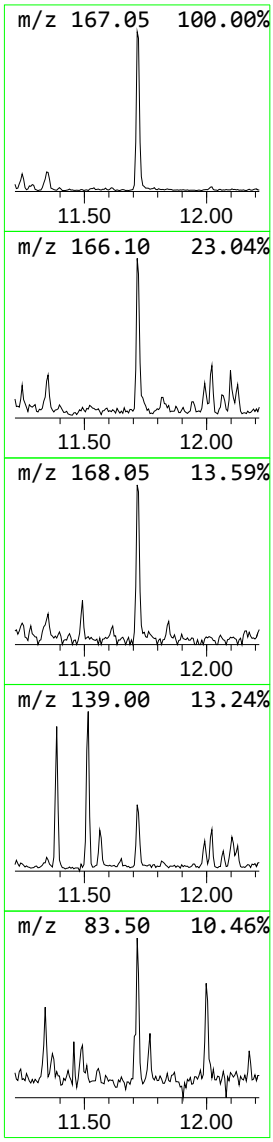
Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	2.44 ng	192242	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	91
3	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	74
5	1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	72





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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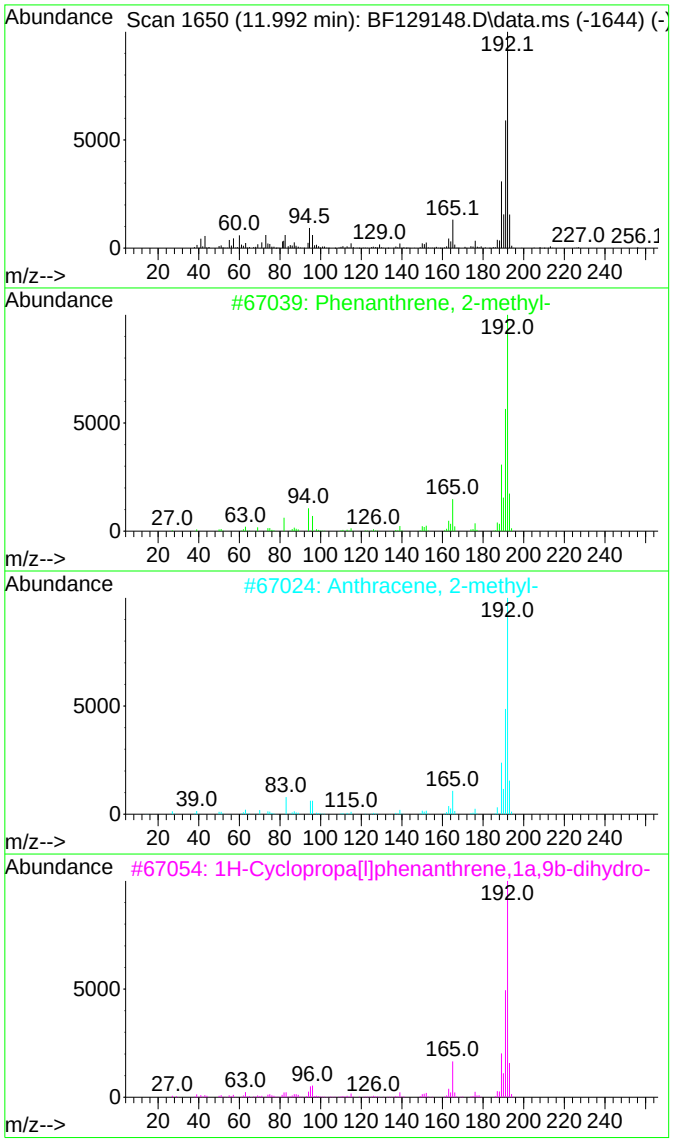
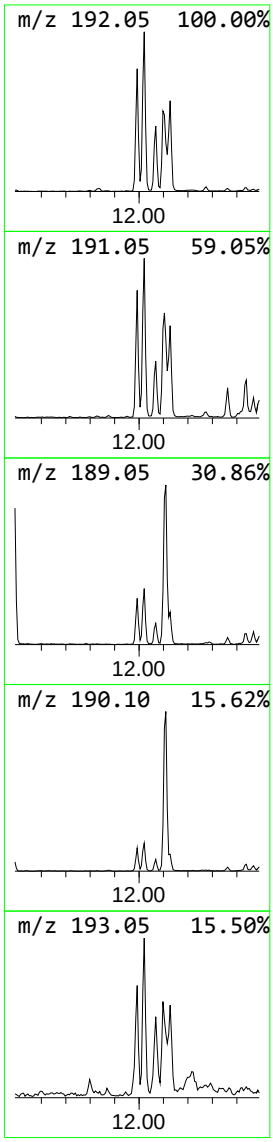
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	6.56 ng	516664	Phenanthrene-d10	11.492

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





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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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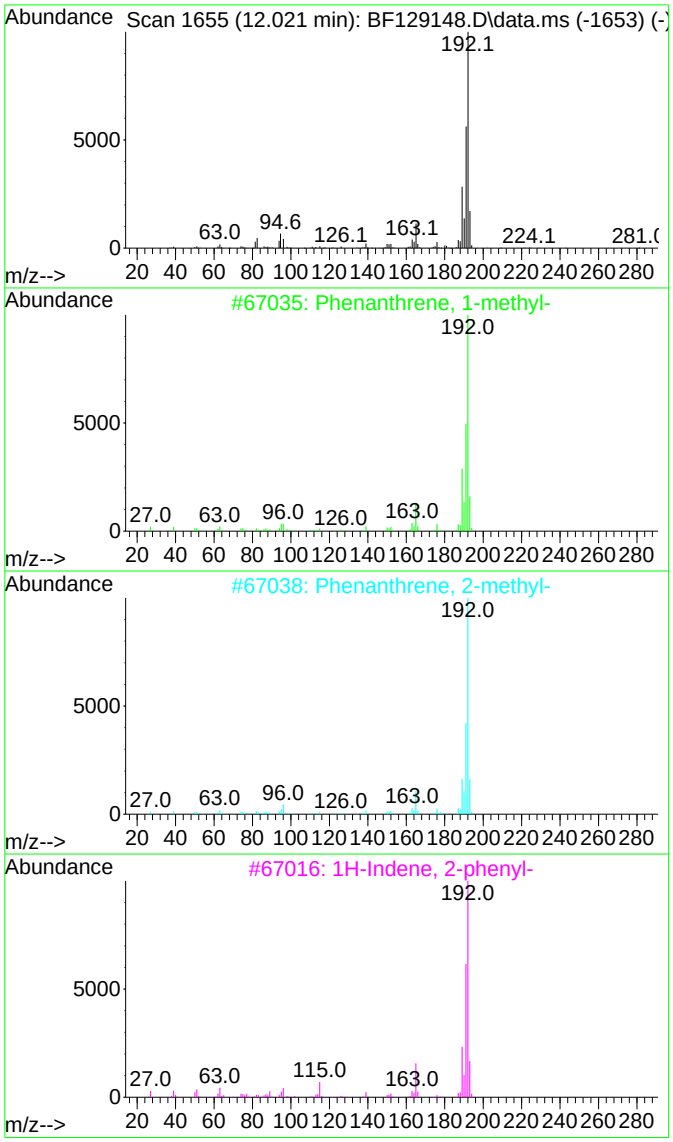
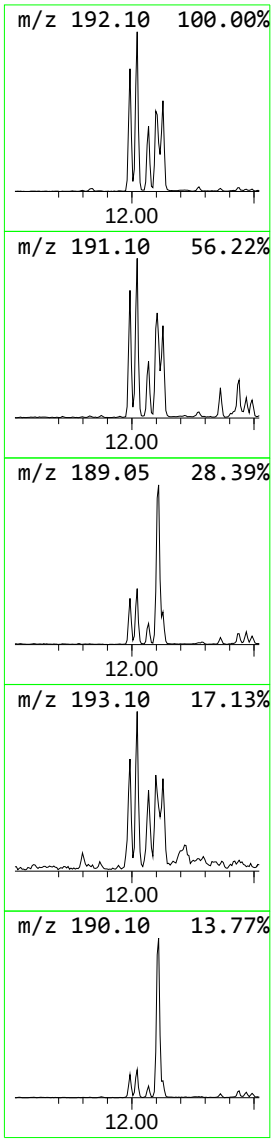
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	4.83 ng	380563	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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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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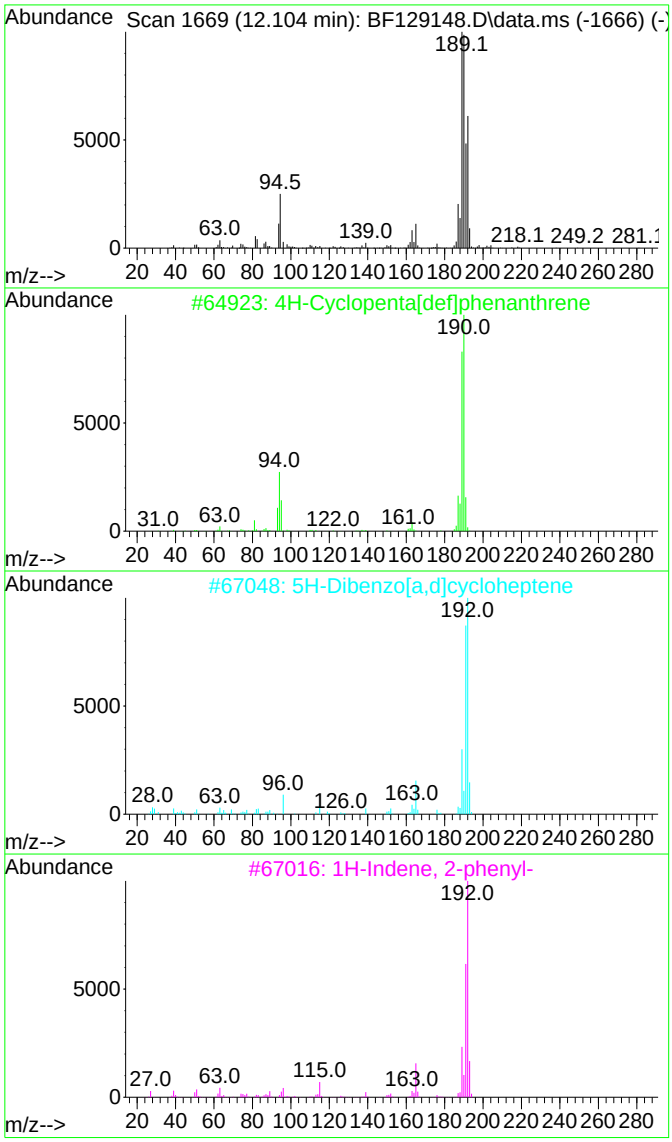
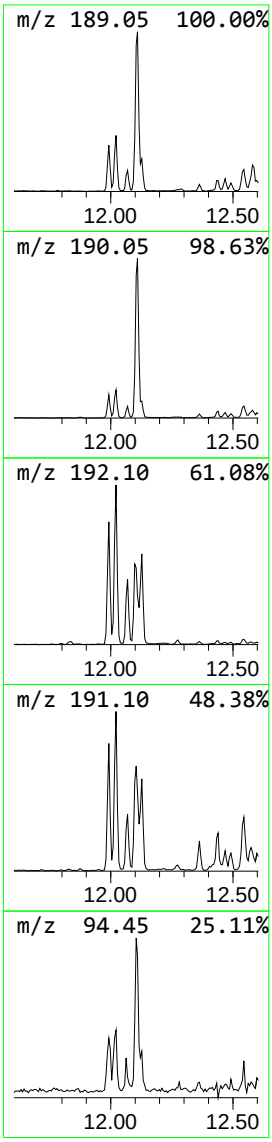
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	8.17 ng	643791	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20





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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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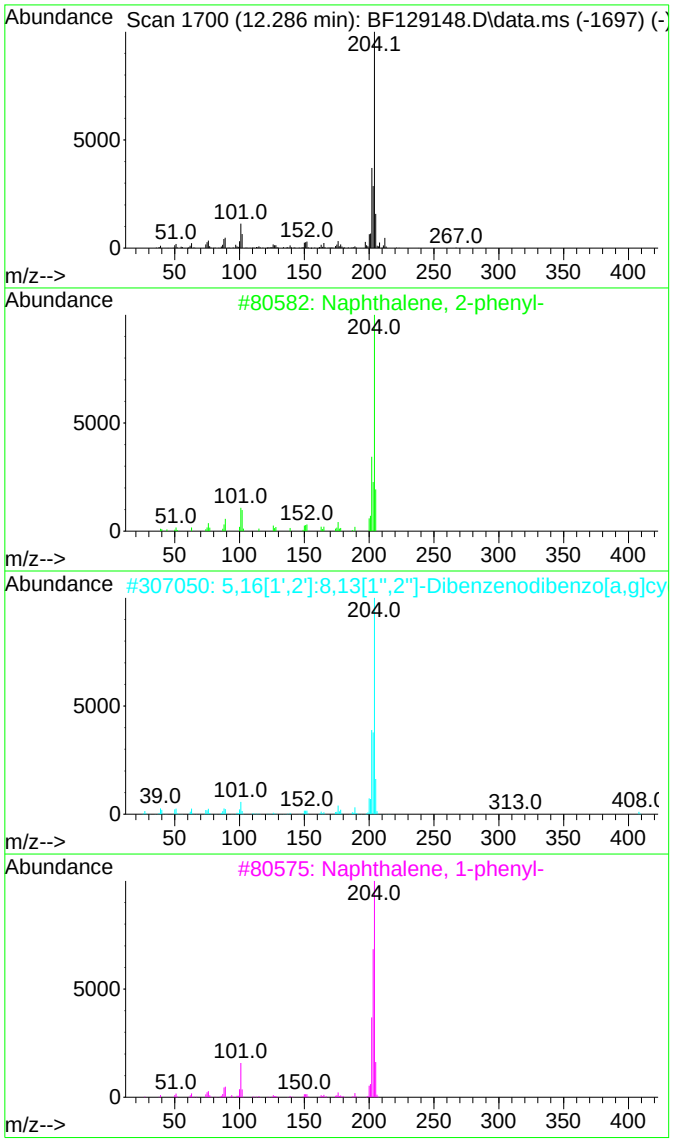
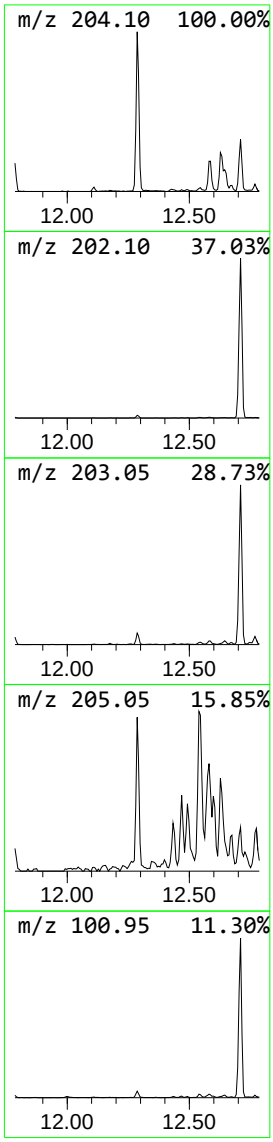
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	2.59 ng	204101	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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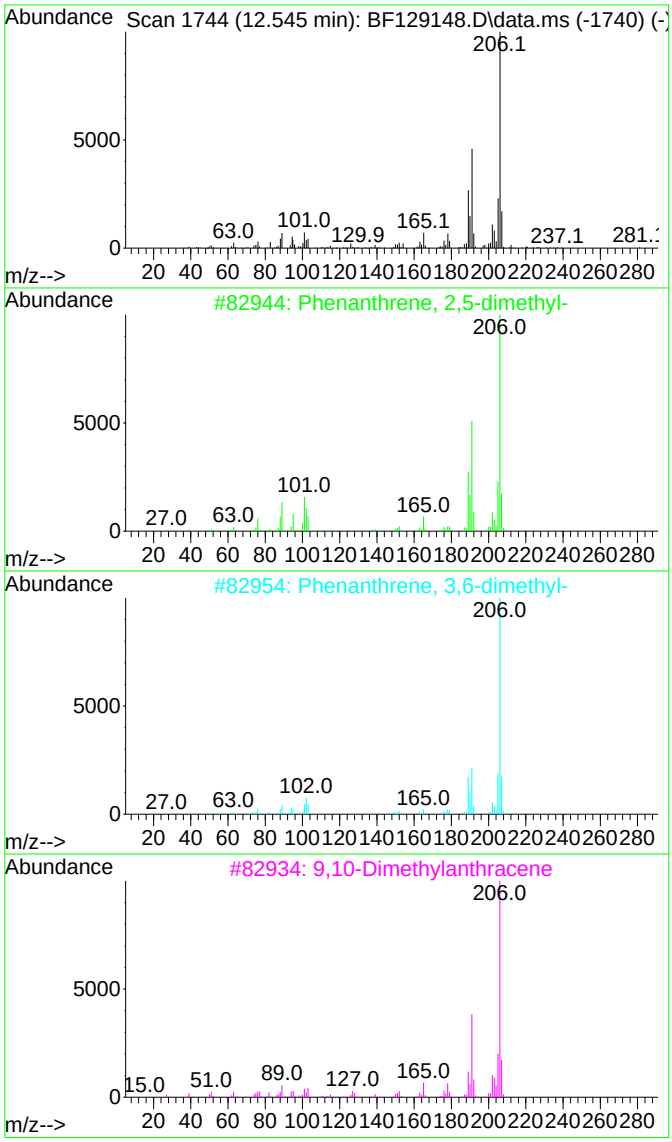
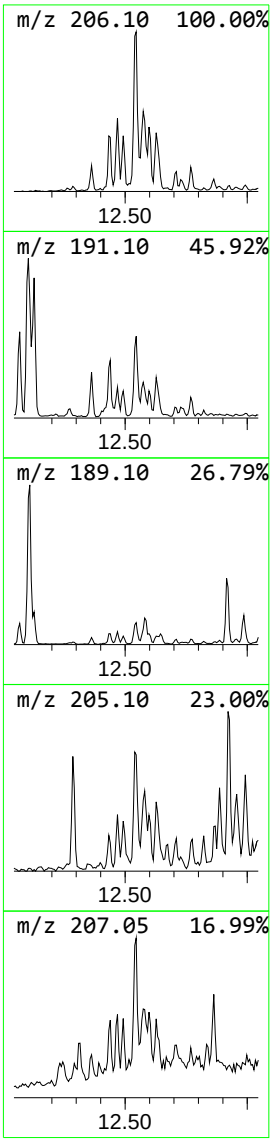
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	3.03 ng	238383	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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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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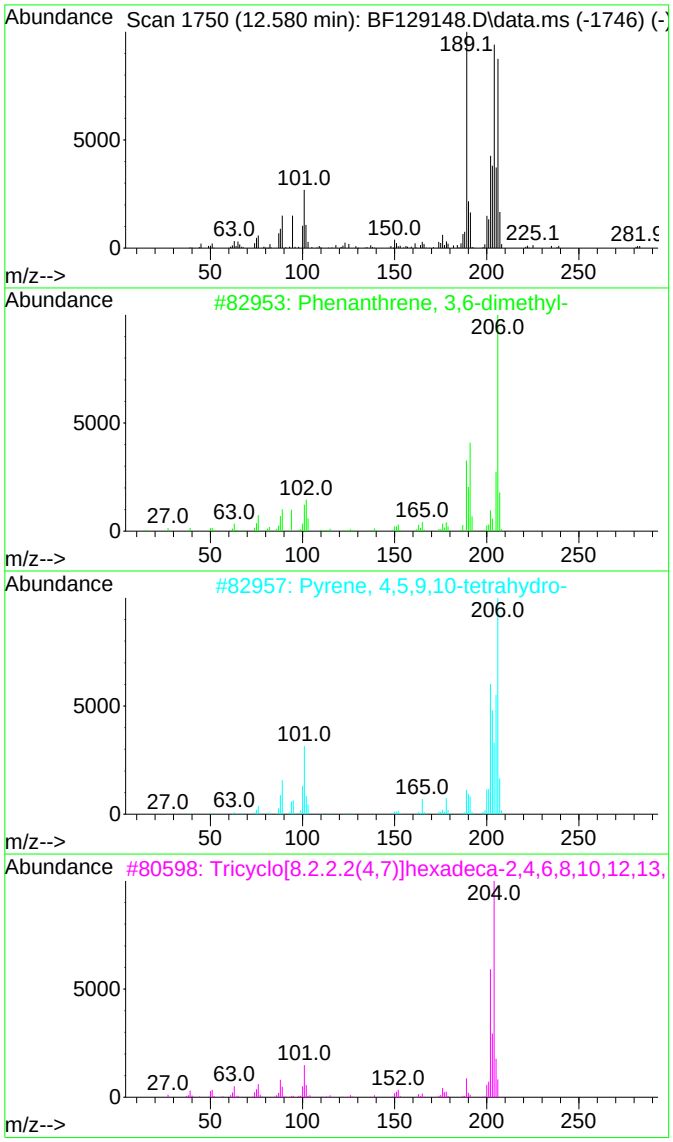
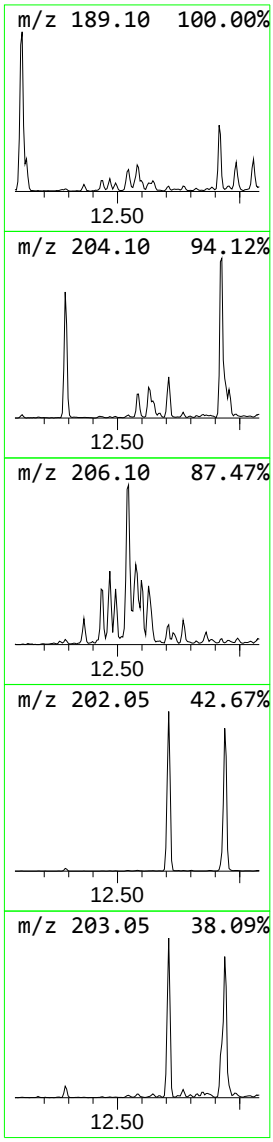
Peak Number 12 unknown12.580 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	2.58 ng	202977	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	35





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

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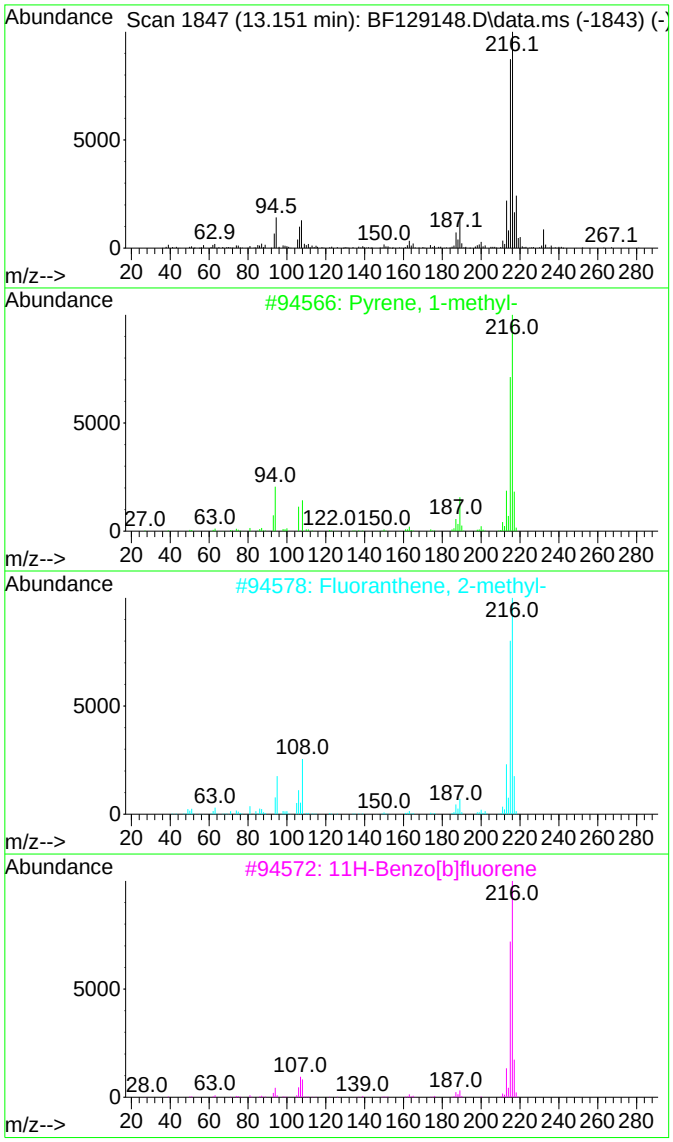
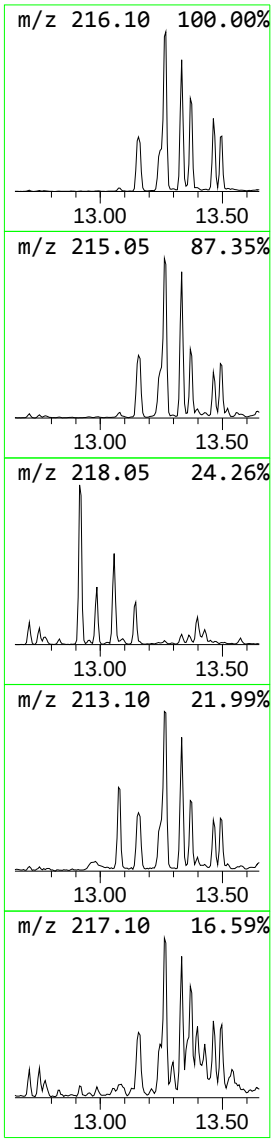
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.47 ng	407466	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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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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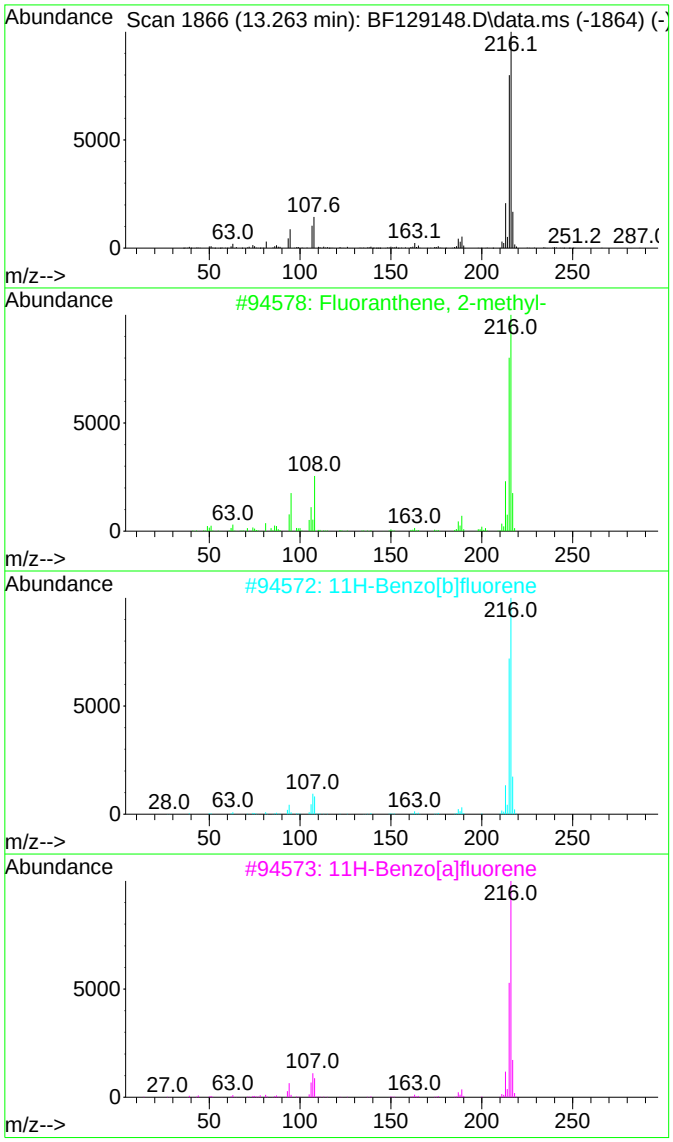
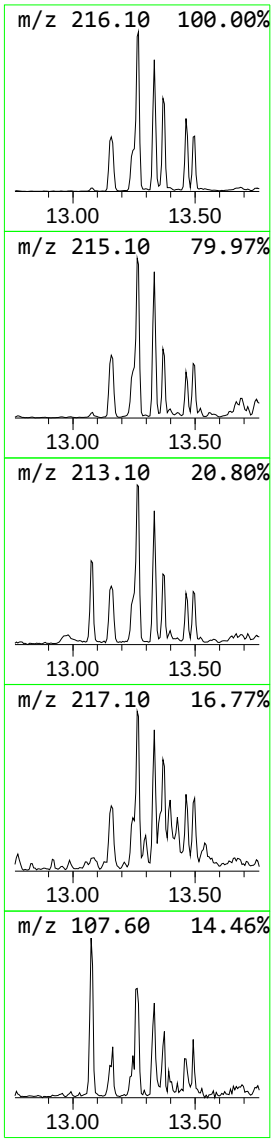
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	3.16 ng	522264	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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

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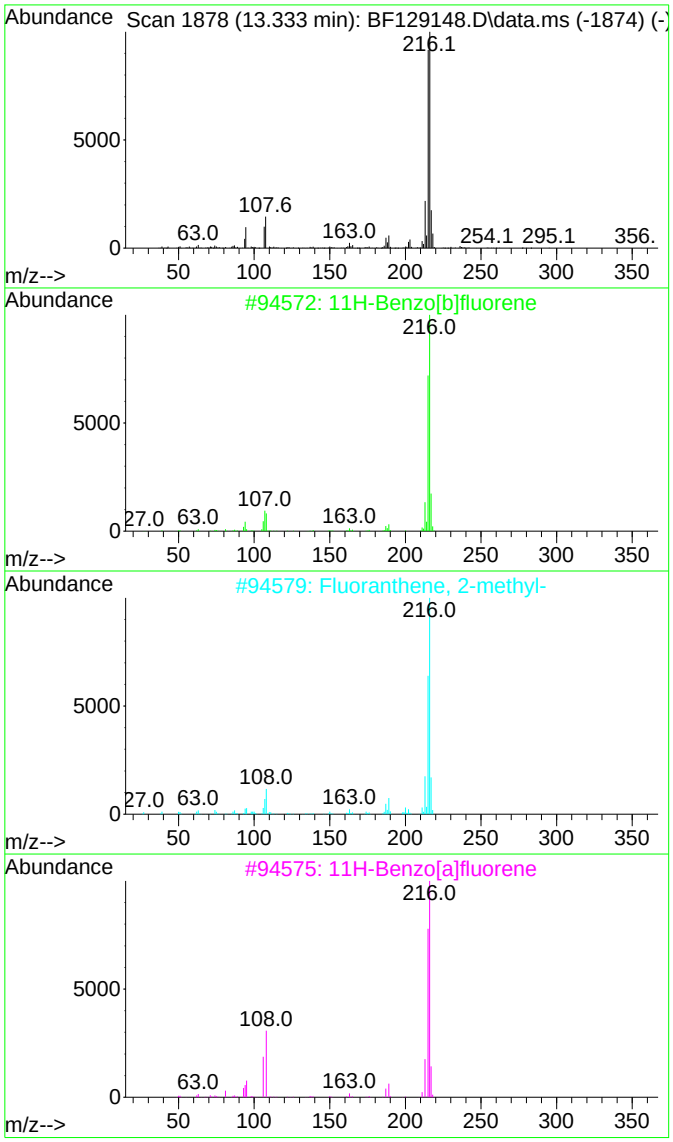
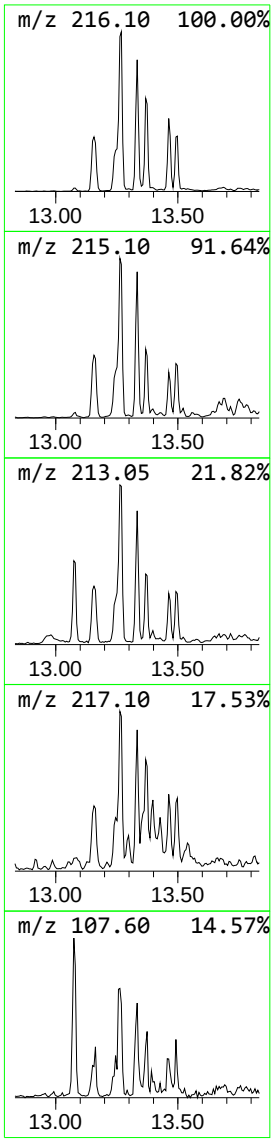
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.333	2.52 ng	416312	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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

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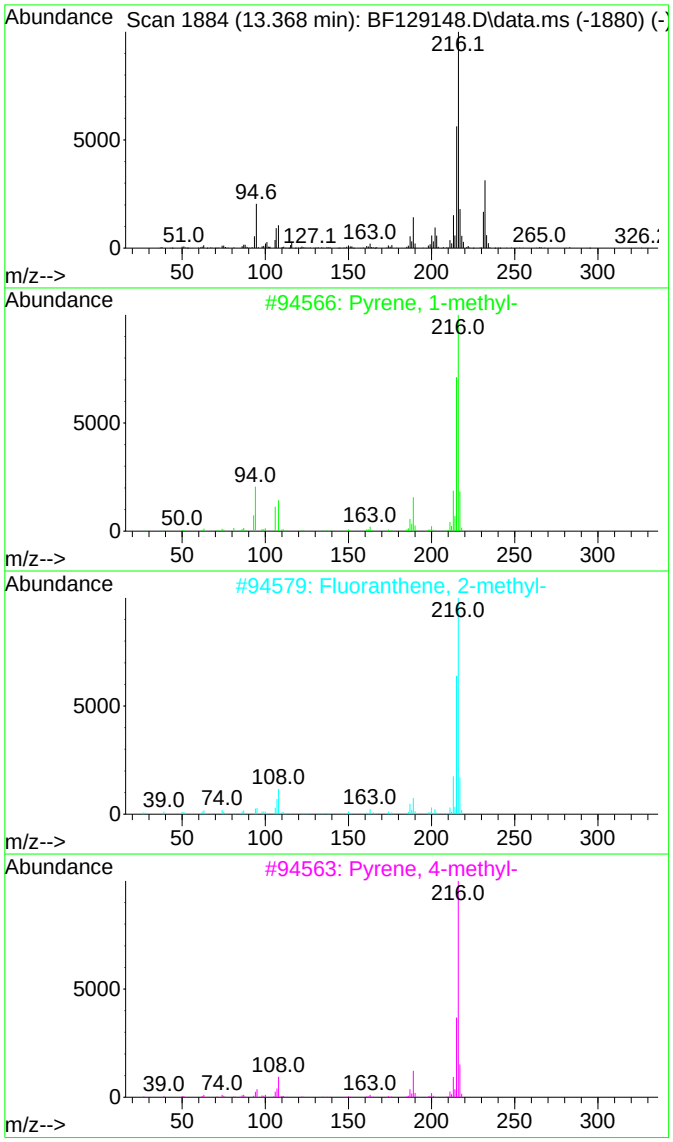
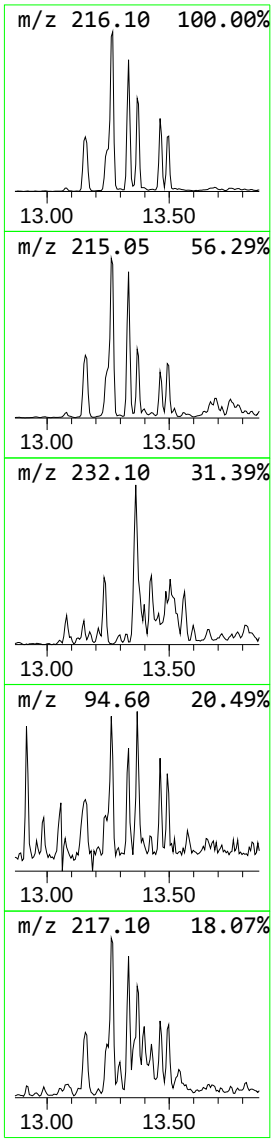
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	2.39 ng	393814	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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ALS Vial : 13 Sample Multiplier: 1

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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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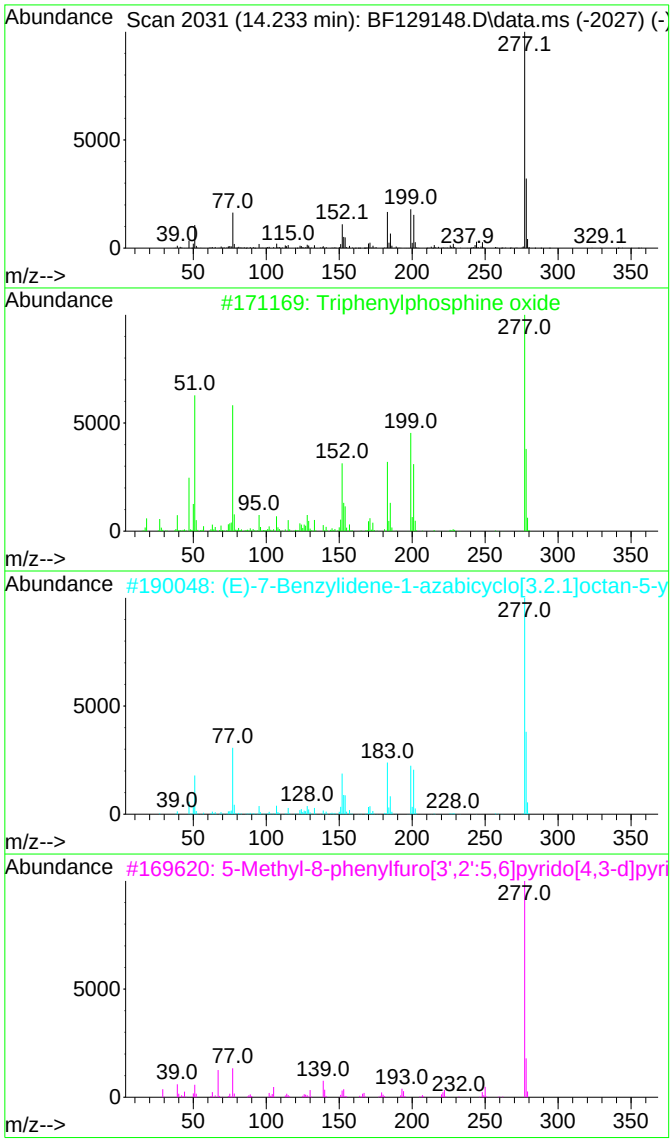
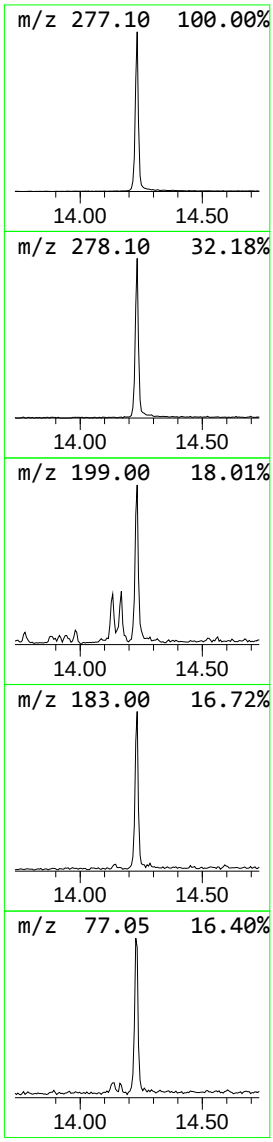
Peak Number 17 Triphenylphosphine oxide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	2.55 ng	420859	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	86
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
5	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	42





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Acq On : 06 Jul 2022 17:56
Operator : CG\JU
Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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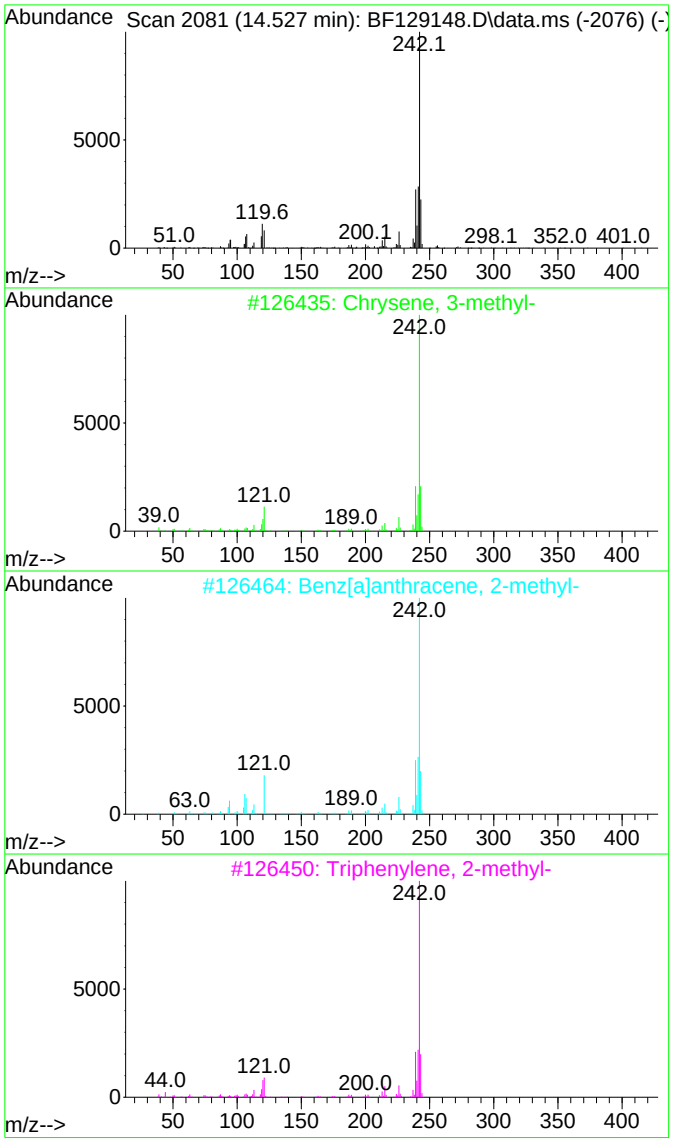
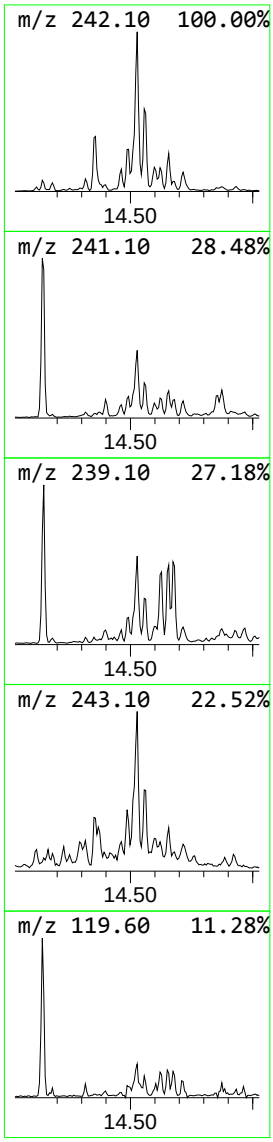
Peak Number 18 Chrysene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	2.70 ng	445449	Chrysene-d12	14.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	94





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Acq On : 06 Jul 2022 17:56
Operator : CG\JU
Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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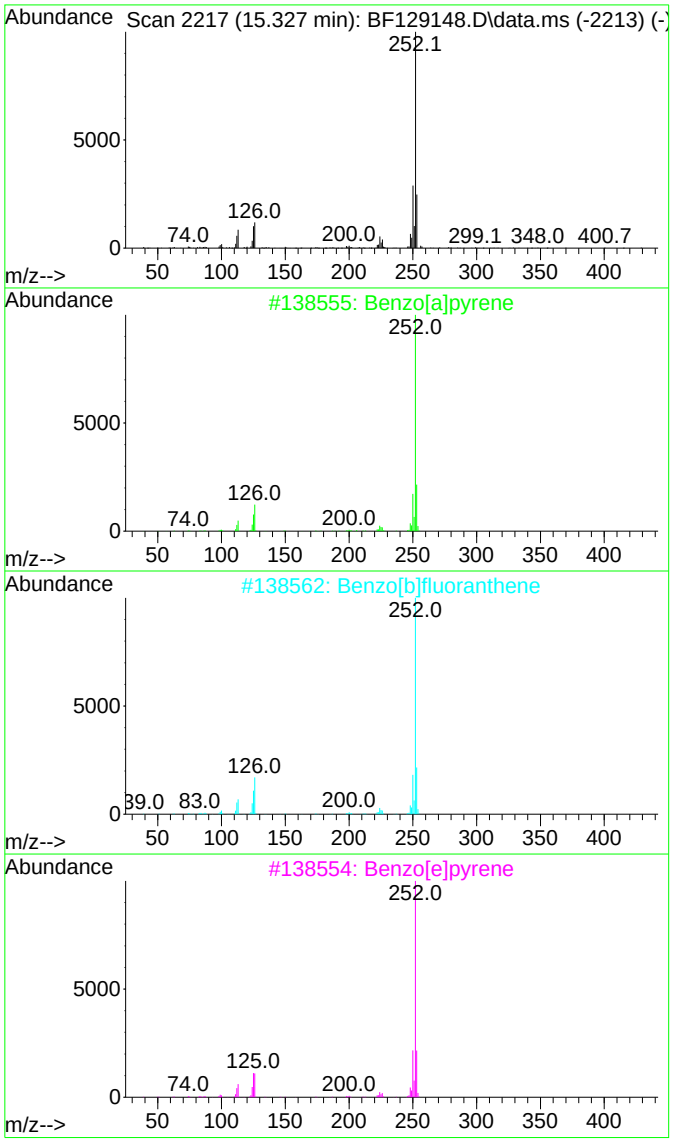
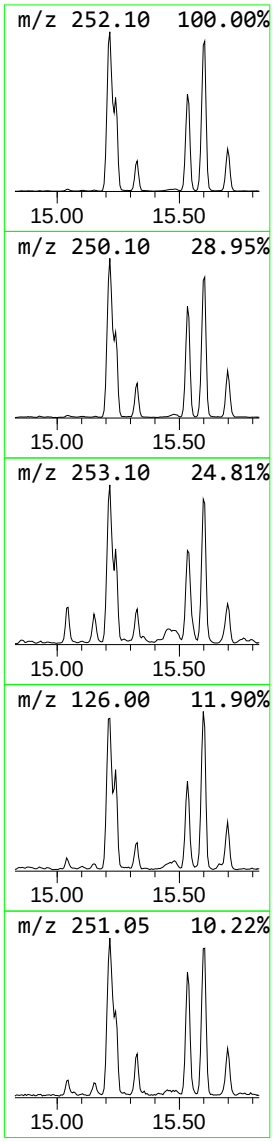
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	3.62 ng	305053	Perylene-d12	15.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	74





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Data File : BF129148.D
Acq On : 06 Jul 2022 17:56
Operator : CG\JU
Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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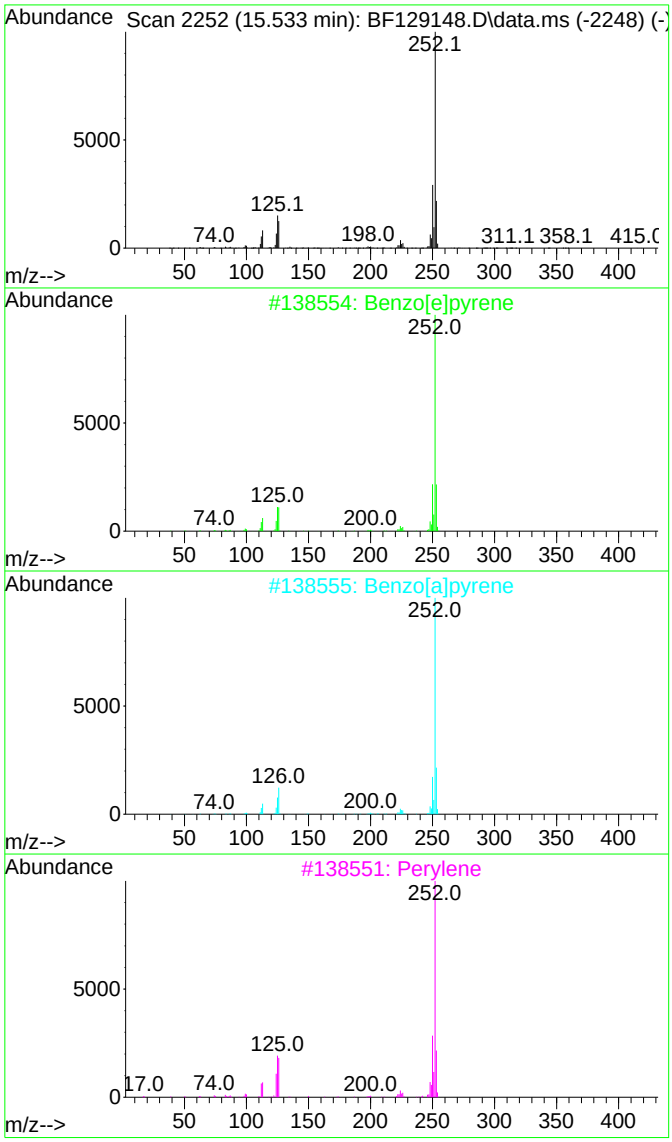
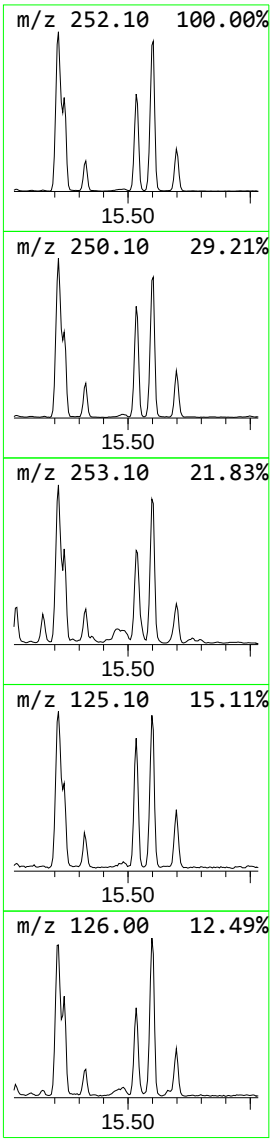
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	14.91 ng	1255490	Perylene-d12	15.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129148.D
Acq On : 06 Jul 2022 17:56
Operator : CG\JU
Sample : N3562-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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
Decane	6.781	2.8	ng	199825	1	6.957	1454870	20.0
Hexadecane	10.416	2.9	ng	232349	3	9.998	1633310	20.0
Heptadecane	10.892	4.5	ng	354099	4	11.492	1576060	20.0
Heptacosane	11.339	2.7	ng	213714	4	11.492	1576060	20.0
Dibenzothiophene	11.386	2.7	ng	213139	4	11.492	1576060	20.0
5H-Indeno[1,2-b...	11.716	2.4	ng	192242	4	11.492	1576060	20.0
Phenanthrene, 2...	11.992	6.6	ng	516664	4	11.492	1576060	20.0
Phenanthrene, 1...	12.021	4.8	ng	380563	4	11.492	1576060	20.0
4H-Cyclopenta[d...	12.104	8.2	ng	643791	4	11.492	1576060	20.0
Naphthalene, 2-...	12.286	2.6	ng	204101	4	11.492	1576060	20.0
Phenanthrene, 2...	12.545	3.0	ng	238383	4	11.492	1576060	20.0
unknown12.580	12.580	2.6	ng	202977	4	11.492	1576060	20.0
Pyrene, 1-methyl-	13.151	2.5	ng	407466	5	14.139	3302370	20.0
Fluoranthene, 2...	13.262	3.2	ng	522264	5	14.139	3302370	20.0
11H-Benzo[b]flu...	13.333	2.5	ng	416312	5	14.139	3302370	20.0
Pyrene, 4-methyl-	13.368	2.4	ng	393814	5	14.139	3302370	20.0
Triphenylphosph...	14.233	2.5	ng	420859	5	14.139	3302370	20.0
Chrysene, 3-met...	14.527	2.7	ng	445449	5	14.139	3302370	20.0
Benzo[e]pyrene	15.327	3.6	ng	305053	6	15.668	1683690	20.0
Perylene	15.533	14.9	ng	1255490	6	15.668	1683690	20.0