LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134945.D
Acq On : 25 Aug 2023 17:29
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	561	566	569	rBV	1873483	1692372	79.43%	5.526%
2	6.422	733	737	740	rBV	1951384	1798516	84.41%	5.873%
3	6.616	766	770	776	rBV3	46361	54602	2.56%	0.178%
4	6.787	796	799	806	rVB	768541	588167	27.61%	1.921%
5	7.351	890	895	898	rBV	1244335	1138167	53.42%	3.717%
6	8.069	1011	1017	1019	rBV	919327	785967	36.89%	2.567%
7	8.087	1019	1020	1025	rVB	165604	106394	4.99%	0.347%
8	8.781	1135	1138	1142	rVB	76906	57261	2.69%	0.187%
9	8.881	1151	1155	1158	rBV	56907	45096	2.12%	0.147%
10	9.145	1196	1200	1203	rBV	2703945	2130614	100.00%	6.957%
11	9.416	1240	1246	1249	rBV3	21665	31910	1.50%	0.104%
12	9.481	1254	1257	1260	rBV	40798	39708	1.86%	0.130%
13	9.822	1309	1315	1318	rBV	930883	805982	37.83%	2.632%
14	9.857	1318	1321	1324	rVB	291404	233785	10.97%	0.763%
15	10.028	1346	1350	1354	rBV	104311	95565	4.49%	0.312%
16	10.375	1405	1409	1412	rBV	149677	138739	6.51%	0.453%
17	10.439	1415	1420	1422	rBV	23793	30711	1.44%	0.100%
18	10.533	1433	1436	1440	rVB	35393	34414	1.62%	0.112%
19	10.616	1446	1450	1454	rBV	1360505	1134219	53.23%	3.704%
20	10.745	1467	1472	1476	rBV2	68948	96043	4.51%	0.314%
21	10.922	1495	1502	1505	rBV4	27518	49825	2.34%	0.163%
22	11.057	1519	1525	1526	rBV4	23513	32191	1.51%	0.105%
23	11.122	1533	1536	1540	rVB	42504	36728	1.72%	0.120%
24	11.175	1540	1545	1549	rBV3	55757	92019	4.32%	0.300%
25	11.210	1549	1551	1557	rVB	72398	72796	3.42%	0.238%
26	11.316	1565	1569	1571	rBV	886288	773275	36.29%	2.525%
27	11.339	1571	1573	1577	rVV	1349607	1145197	53.75%	3.740%
28	11.392	1577	1582	1585	rVV	331505	294507	13.82%	0.962%
29	11.427	1585	1588	1591	rVV	56381	49661	2.33%	0.162%
30	11.551	1603	1609	1612	rBV2	213743	219376	10.30%	0.716%
31	11.616	1617	1620	1624	rVV2	51533	41889	1.97%	0.137%
32	11.822	1650	1655	1657	rBV	128745	120031	5.63%	0.392%
33	11.851	1657	1660	1664	rVV	341105	302737	14.21%	0.989%
34	11.892	1664	1667	1670	rVV	63293	64708	3.04%	0.211%
35	11.933	1670	1674	1676	rVV	241801	235179	11.04%	0.768%
36	11.957	1676	1678	1682	rVB	86913	76476	3.59%	0.250%

LSC Area Percent Report

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Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.004	1682	1686	1688	rBV2	23909	32423	1.52%	0.106%
38	12.027	1688	1690	1693	rBV	55763	42696	2.00%	0.139%
39	12.122	1703	1706	1708	rBV	92870	87244	4.09%	0.285%
40	12.145	1708	1710	1713	rVB	57989	45502	2.14%	0.149%
41	12.269	1726	1731	1734	rBV2	40337	48886	2.29%	0.160%
42	12.374	1745	1749	1752	rBV	65394	74939	3.52%	0.245%
43	12.416	1752	1756	1761	rVV3	55927	90497	4.25%	0.296%
44	12.457	1761	1763	1768	rVB3	51250	59509	2.79%	0.194%
45	12.539	1773	1777	1780	rVV	1947175	1690078	79.32%	5.519%
46	12.598	1780	1787	1790	rVB2	31920	52130	2.45%	0.170%
47	12.639	1790	1794	1796	rBV3	30979	41518	1.95%	0.136%
48	12.686	1800	1802	1809	rVB2	61295	68196	3.20%	0.223%
49	12.769	1809	1816	1819	rBV	1576726	1756384	82.44%	5.735%
50	12.816	1822	1824	1831	rVB2	81326	91174	4.28%	0.298%
51	12.886	1832	1836	1837	rBV	113462	96482	4.53%	0.315%
52	12.916	1837	1841	1846	rVB	2221571	1991378	93.46%	6.503%
53	12.986	1848	1853	1856	rBV3	91156	152367	7.15%	0.498%
54	13.016	1856	1858	1861	rVB	55416	45905	2.15%	0.150%
55	13.069	1864	1867	1869	rVV2	69025	86784	4.07%	0.283%
56	13.098	1869	1872	1875	rVB2	320191	296580	13.92%	0.968%
57	13.127	1875	1877	1879	rBV2	28779	29506	1.38%	0.096%
58	13.163	1879	1883	1886	rVV	295782	252289	11.84%	0.824%
59	13.198	1886	1889	1892	rVV	160923	165653	7.77%	0.541%
60	13.227	1892	1894	1897	rVB	70699	65003	3.05%	0.212%
61	13.257	1897	1899	1901	rBV	40919	33235	1.56%	0.109%
62	13.292	1902	1905	1908	rBV	91895	76140	3.57%	0.249%
63	13.321	1908	1910	1914	rBV2	95461	93019	4.37%	0.304%
64	13.498	1934	1940	1942	rBV5	75648	109804	5.15%	0.359%
65	13.527	1942	1945	1947	rVV	72071	78117	3.67%	0.255%
66	13.586	1951	1955	1956	rBV4	44281	52156	2.45%	0.170%
67	13.610	1956	1959	1963	rVB	66458	91936	4.32%	0.300%
68	13.716	1973	1977	1980	rBV3	142019	164945	7.74%	0.539%
69	13.745	1980	1982	1984	rVV	136288	112665	5.29%	0.368%
70	13.768	1984	1986	1987	rVV	99734	76097	3.57%	0.248%
71	13.786	1987	1989	1992	rVV2	96774	91114	4.28%	0.298%
72	13.821	1992	1995	2001	rVB3	200905	248129	11.65%	0.810%
73	13.886	2004	2006	2009	rVB	36576	30204	1.42%	0.099%
74	13.968	2012	2020	2023	rBV2	1131659	1722145	80.83%	5.624%
75	13.998	2023	2025	2028	rVB	840497	655536	30.77%	2.141%
76	14.074	2035	2038	2041	rVB2	181733	162638	7.63%	0.531%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

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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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.186	2055	2057	2058	rBV	37537	35865	1.68%	0.117%
78	14.198	2058	2059	2062	rVB	93341	72352	3.40%	0.236%
79	14.321	2078	2080	2083	rBV	36355	38435	1.80%	0.126%
80	14.363	2083	2087	2089	rVV	149396	166719	7.82%	0.544%
81	14.392	2090	2092	2096	rVB	80980	70119	3.29%	0.229%
82	14.457	2100	2103	2105	rVV2	124826	130449	6.12%	0.426%
83	14.486	2105	2108	2109	rVV	80384	80197	3.76%	0.262%
84	14.504	2109	2111	2115	rVB3	111536	108186	5.08%	0.353%
85	14.668	2136	2139	2142	rBV4	58209	74302	3.49%	0.243%
86	14.763	2151	2155	2157	rBV2	42549	57765	2.71%	0.189%
87	15.015	2193	2198	2201	rBV	703677	1046194	49.10%	3.416%
88	15.121	2213	2216	2219	rVB	128585	135590	6.36%	0.443%
89	15.321	2245	2250	2256	rVB	386817	534324	25.08%	1.745%
90	15.380	2256	2260	2266	rBV	597965	694746	32.61%	2.269%
91	15.445	2266	2271	2274	rVV	382910	482611	22.65%	1.576%
92	15.474	2274	2276	2283	rVB2	172419	244960	11.50%	0.800%
93	16.927	2518	2523	2533	rVB2	211647	452000	21.21%	1.476%
94	17.174	2561	2565	2569	rBV2	34314	56191	2.64%	0.183%
95	17.380	2594	2600	2613	rVB	149871	337211	15.83%	1.101%

Sum of corrected areas: 30624046

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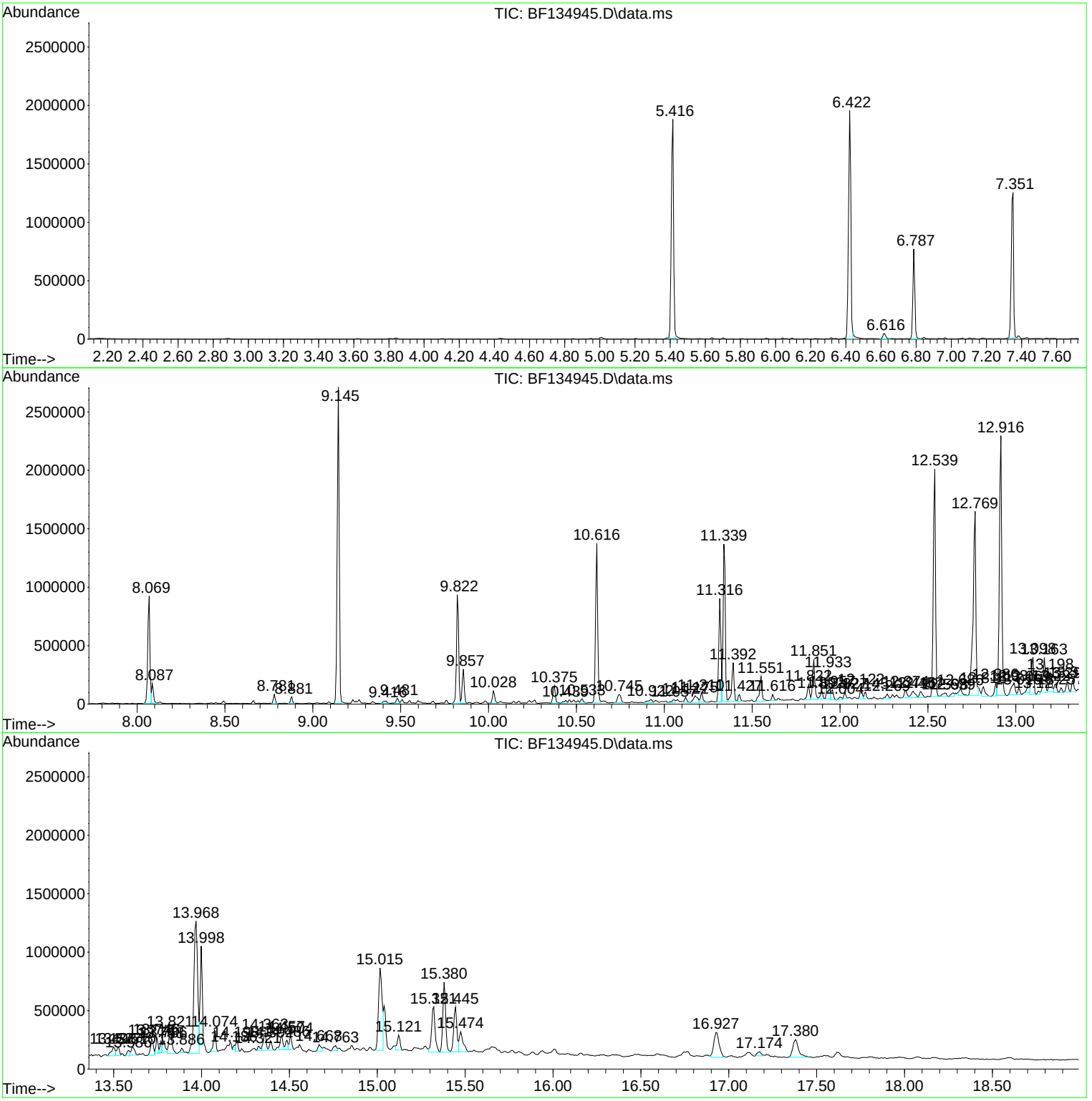
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082523\
Data File : BF134945.D
Acq On : 25 Aug 2023 17:29
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Sample : 04110-15
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Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

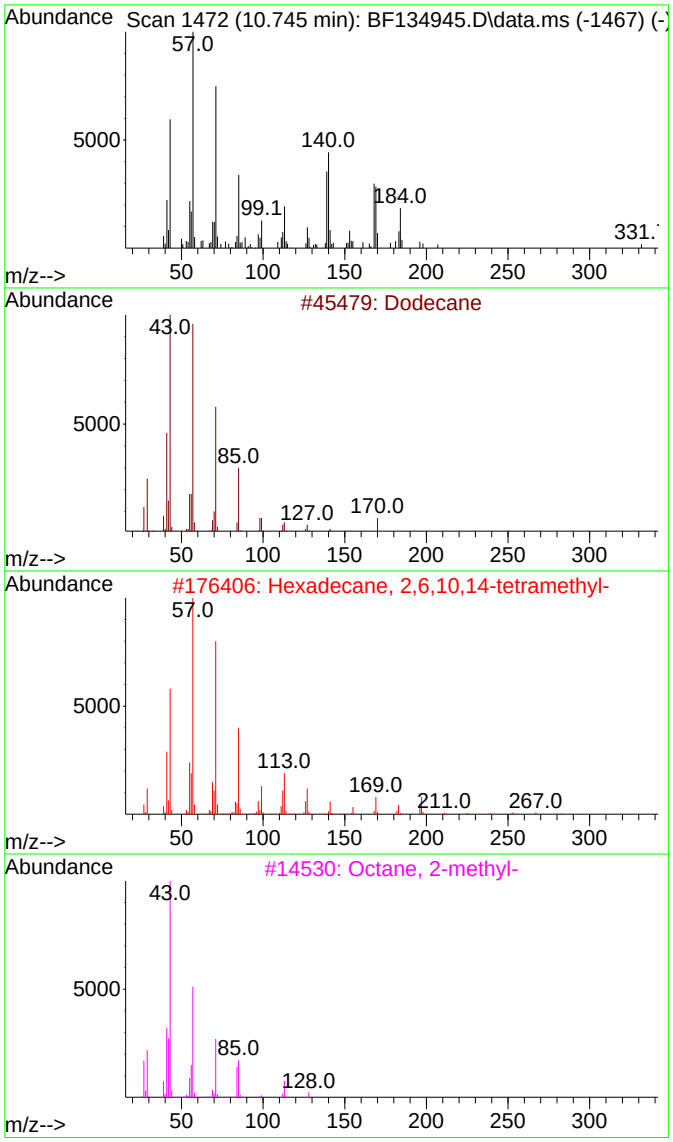
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

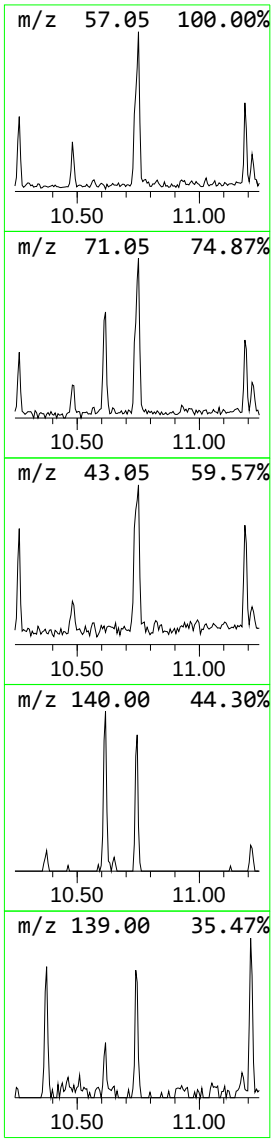
****

Peak Number 2 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	2.48 ng	96043	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	52
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	46
3	Octane, 2-methyl-	128	C9H20	003221-61-2	41
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134945.D
Acq On : 25 Aug 2023 17:29
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

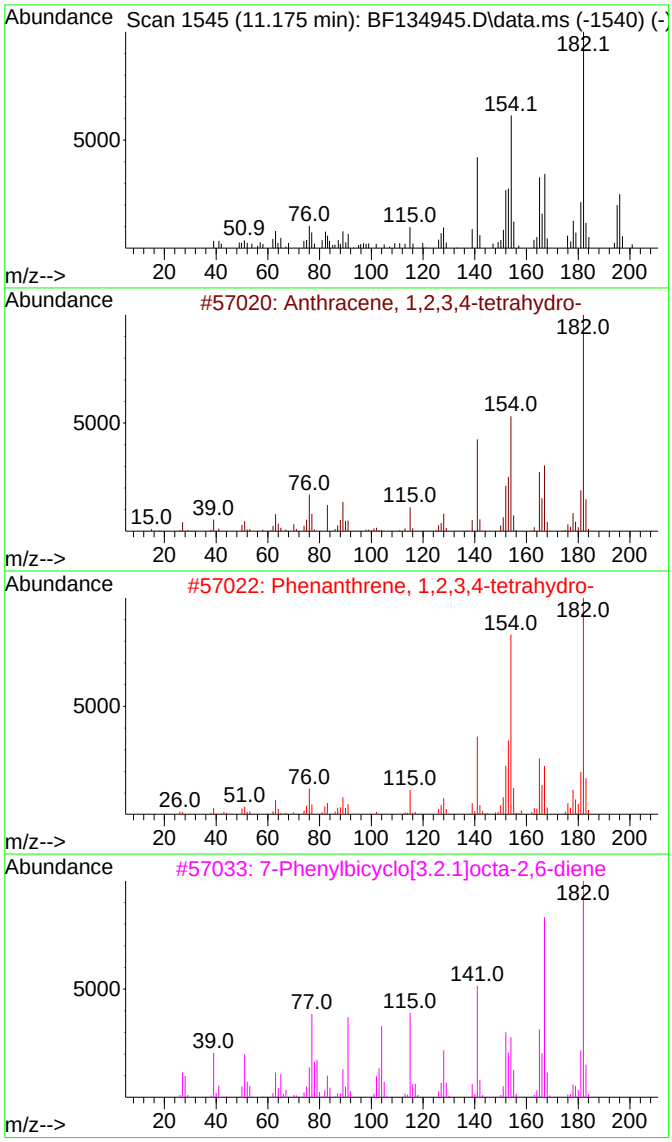
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

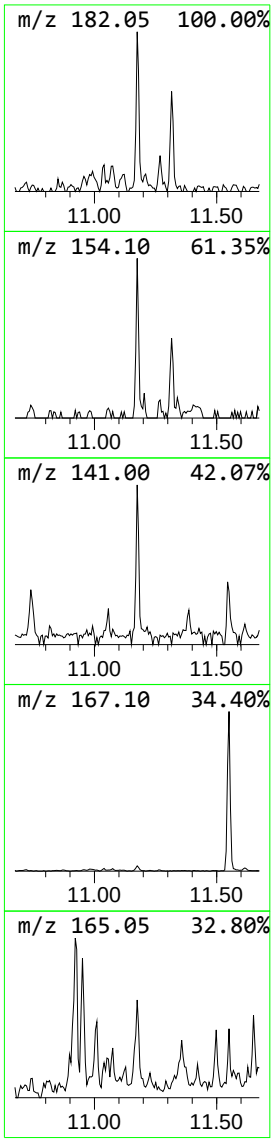
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.38 ng	92019	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	64
3	7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	58
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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Instrument :
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ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

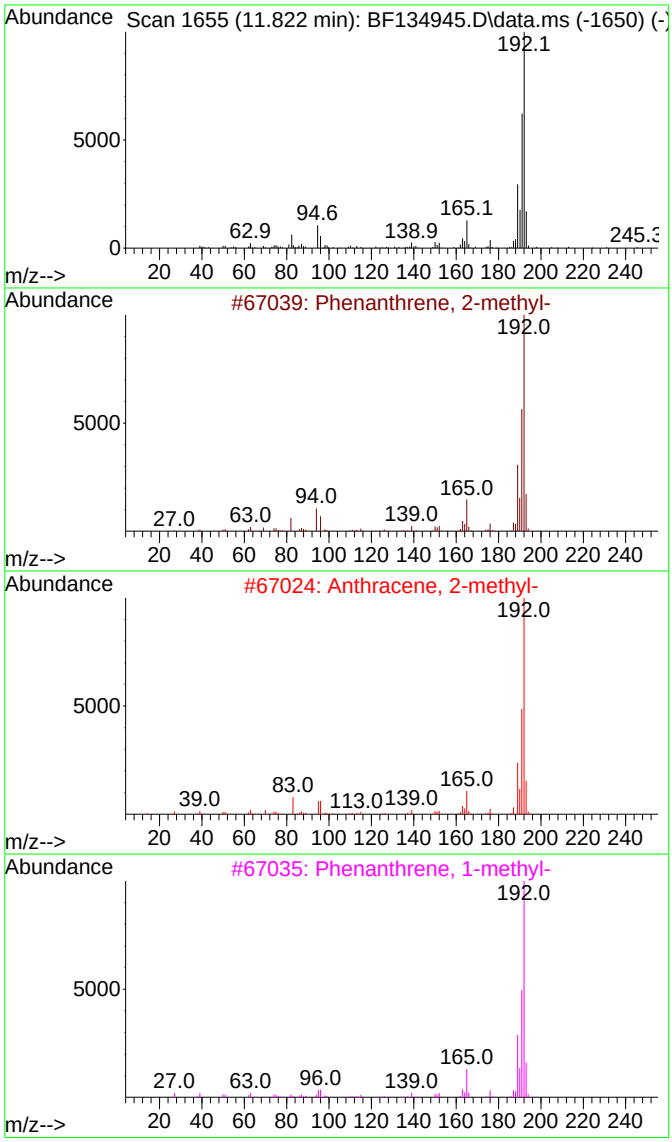
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

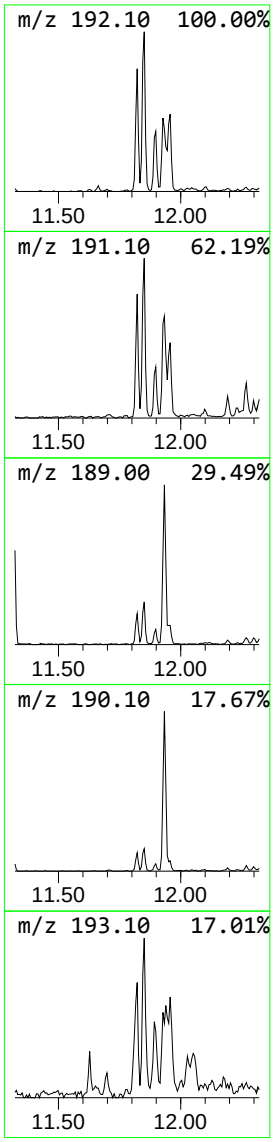
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.10 ng	120031	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

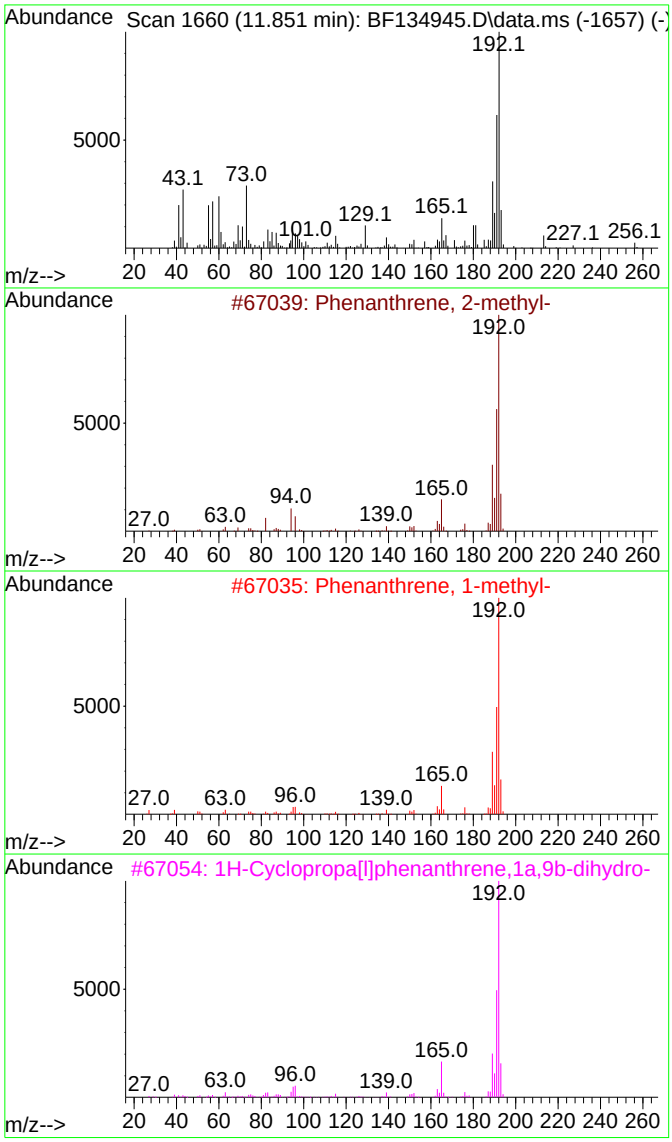
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

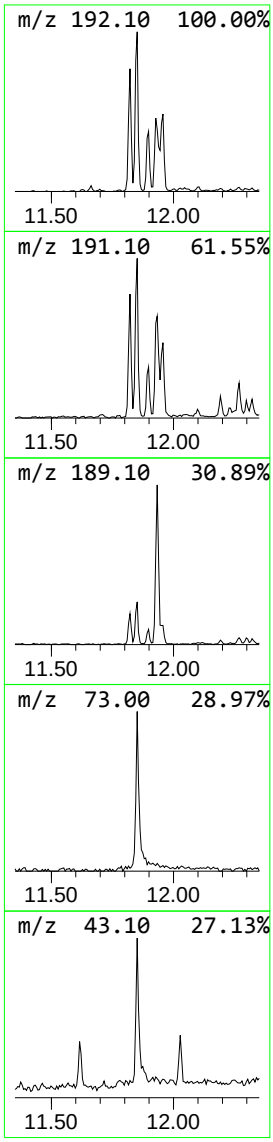
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	7.83 ng	302737	Phenanthrene-d10	11.316

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134945.D
Acq On : 25 Aug 2023 17:29
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

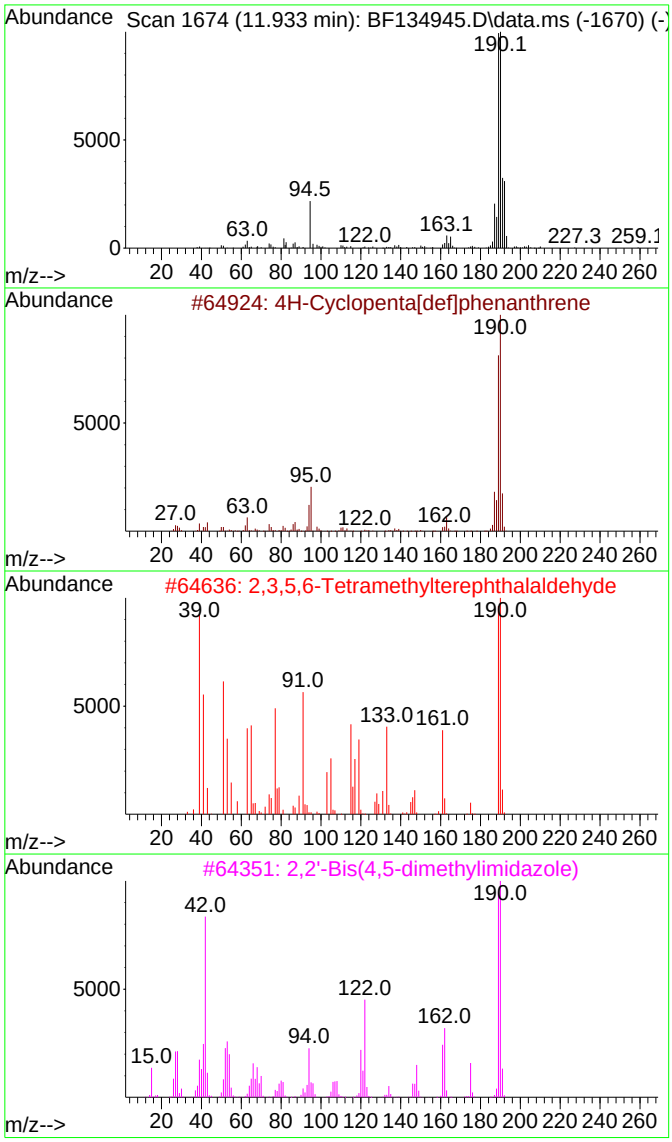
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

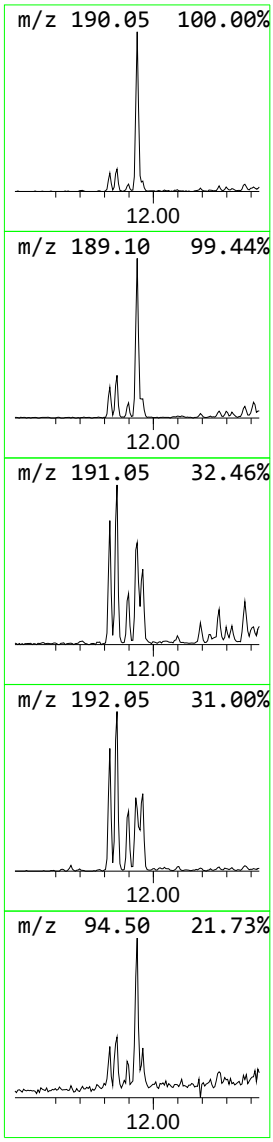
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.08 ng	235179	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





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Data File : BF134945.D
Acq On : 25 Aug 2023 17:29
Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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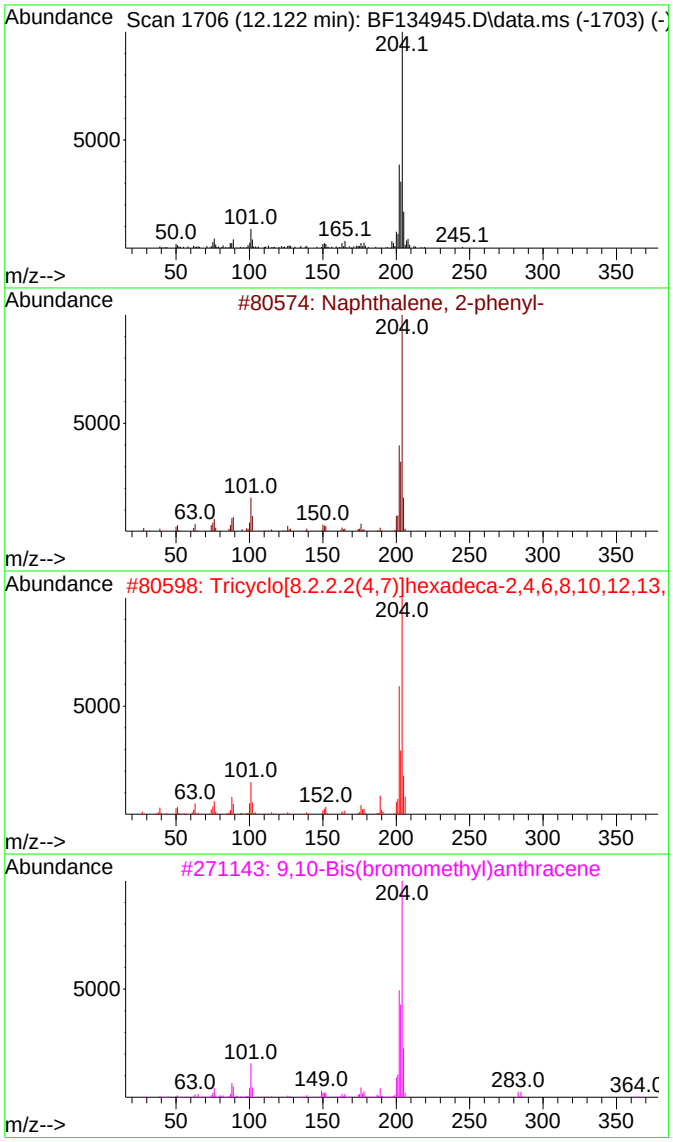
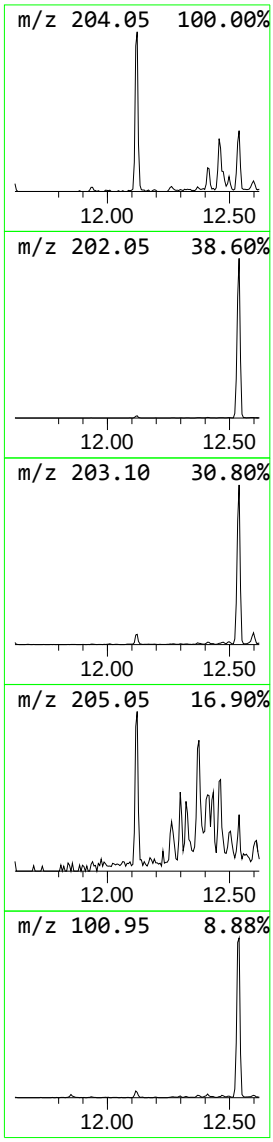
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	2.26 ng	87244	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





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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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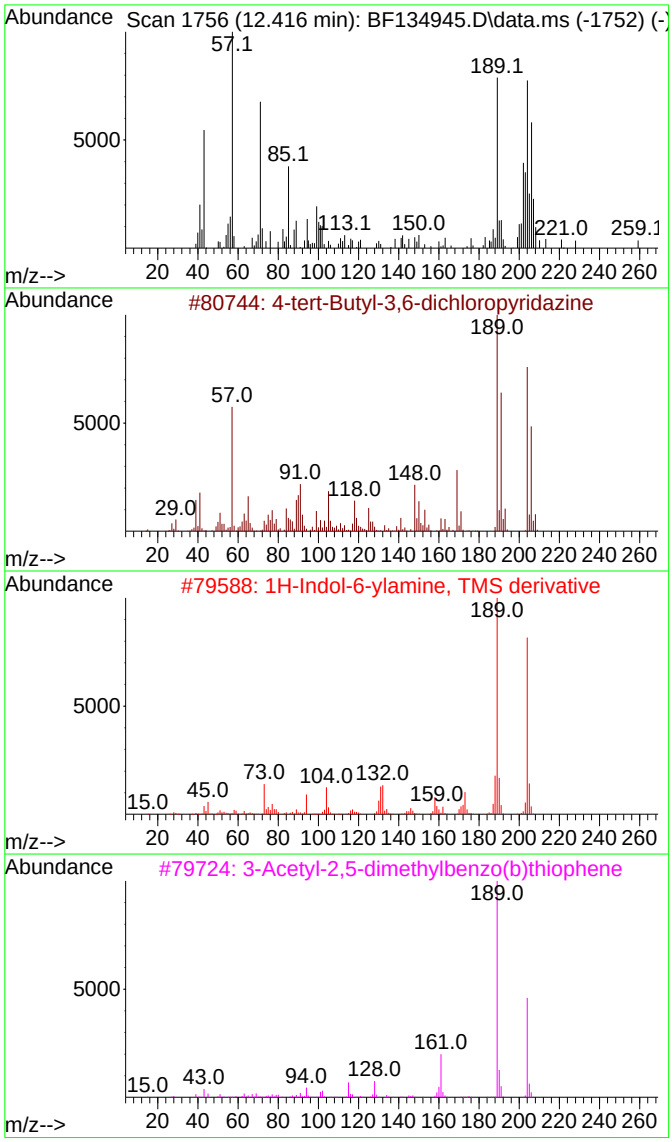
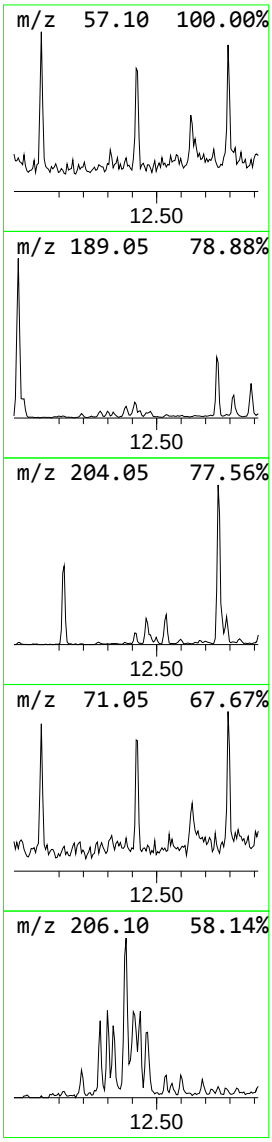
Peak Number 8 unknown12.416 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.34 ng	90497	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	46
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	38
3	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	38
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	27
5	m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	25





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ClientSampleId :
TP-22(3-4)

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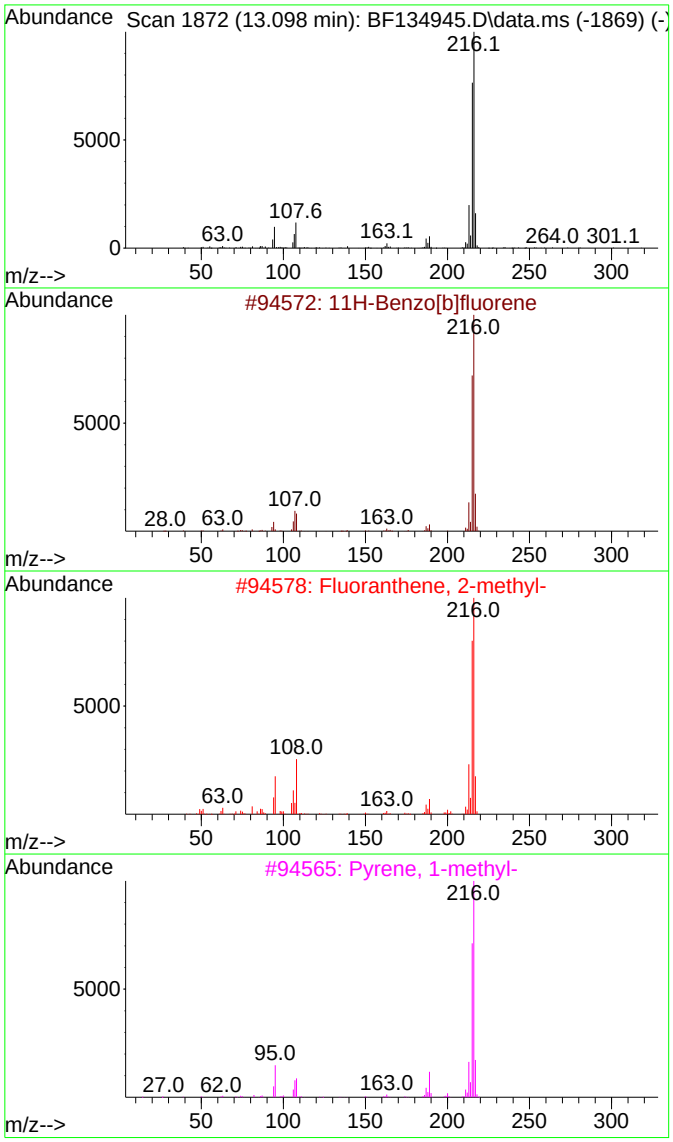
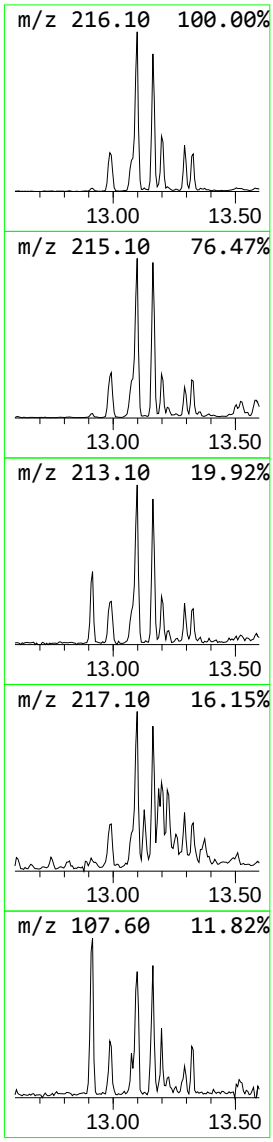
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.44 ng	296580	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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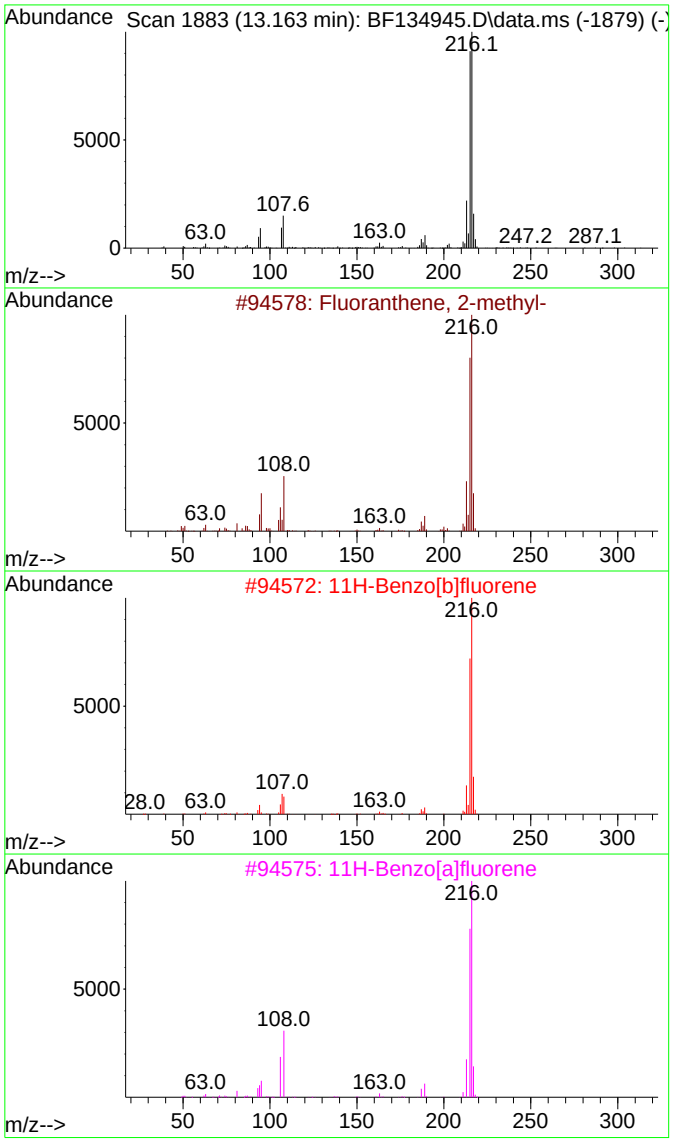
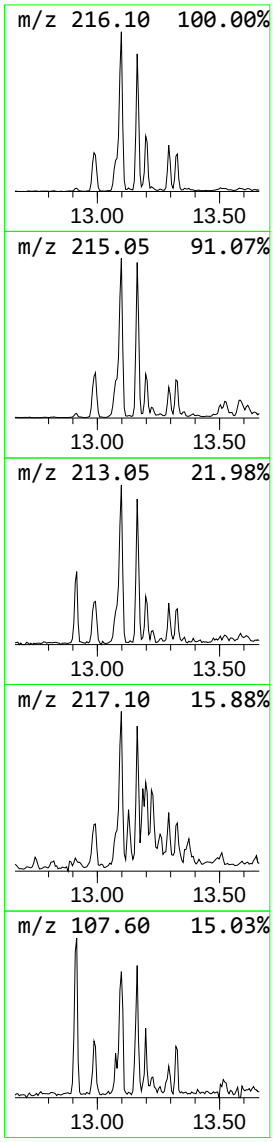
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.93 ng	252289	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53





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Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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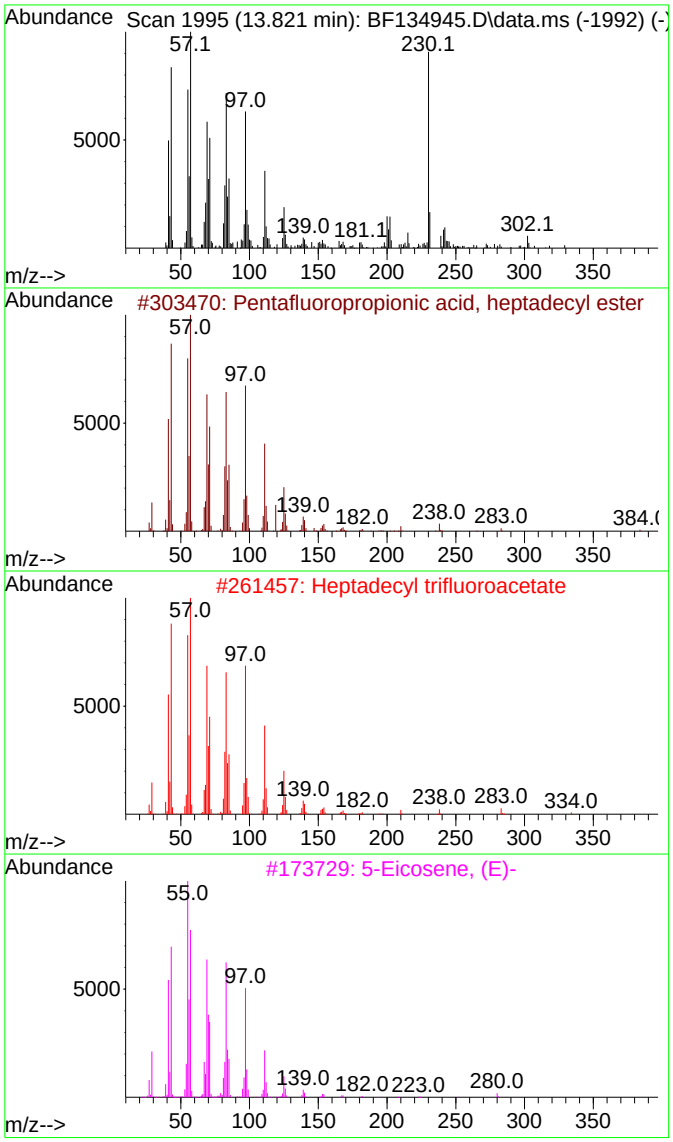
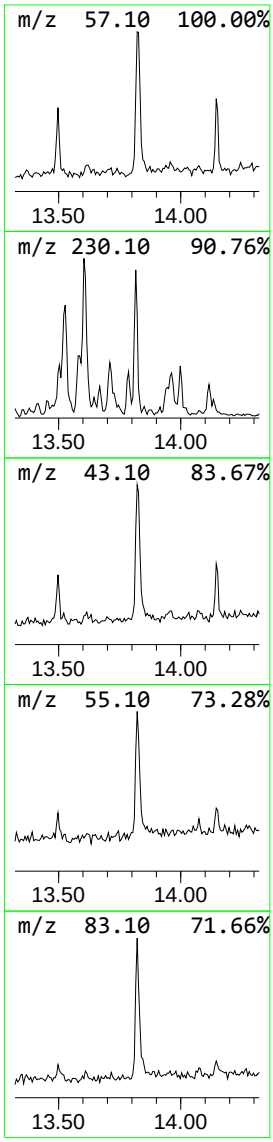
Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	2.88 ng	248129	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	89
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	78
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	78





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Operator : CG\JU
Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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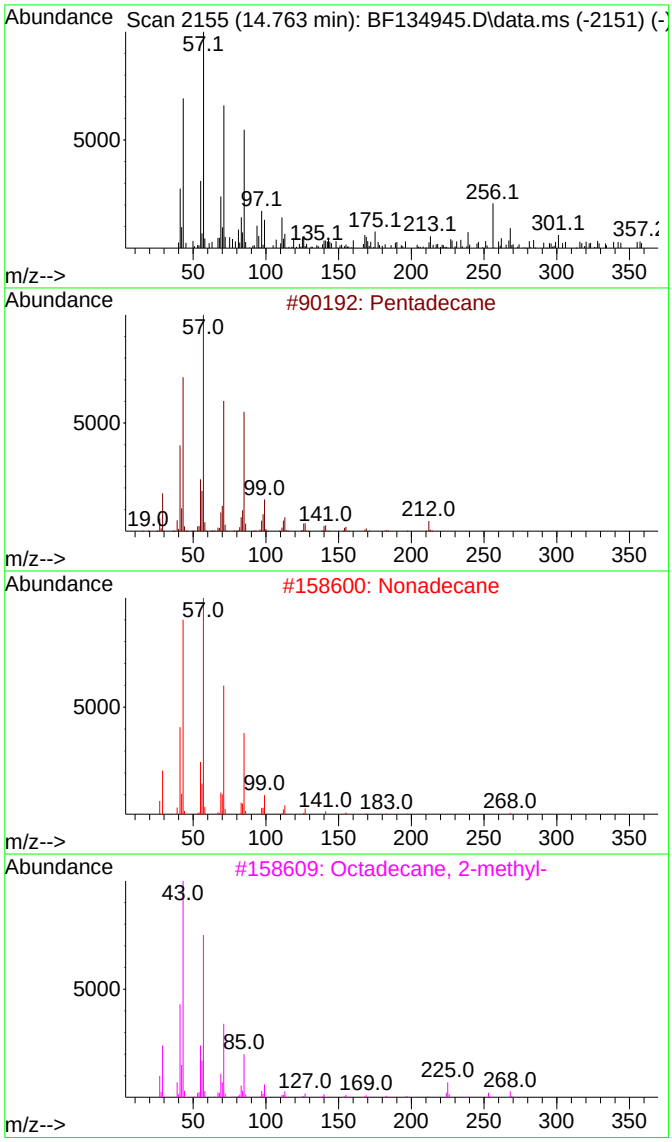
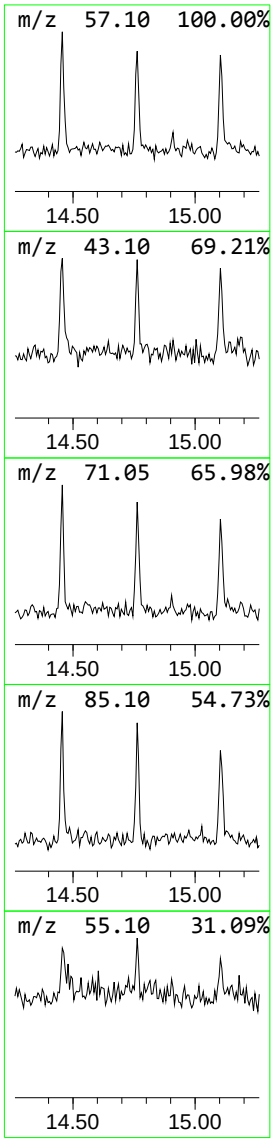
Peak Number 12 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	2.39 ng	57765	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	60
2	Nonadecane	268	C19H40	000629-92-5	58
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5	Tetradecane	198	C14H30	000629-59-4	49





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Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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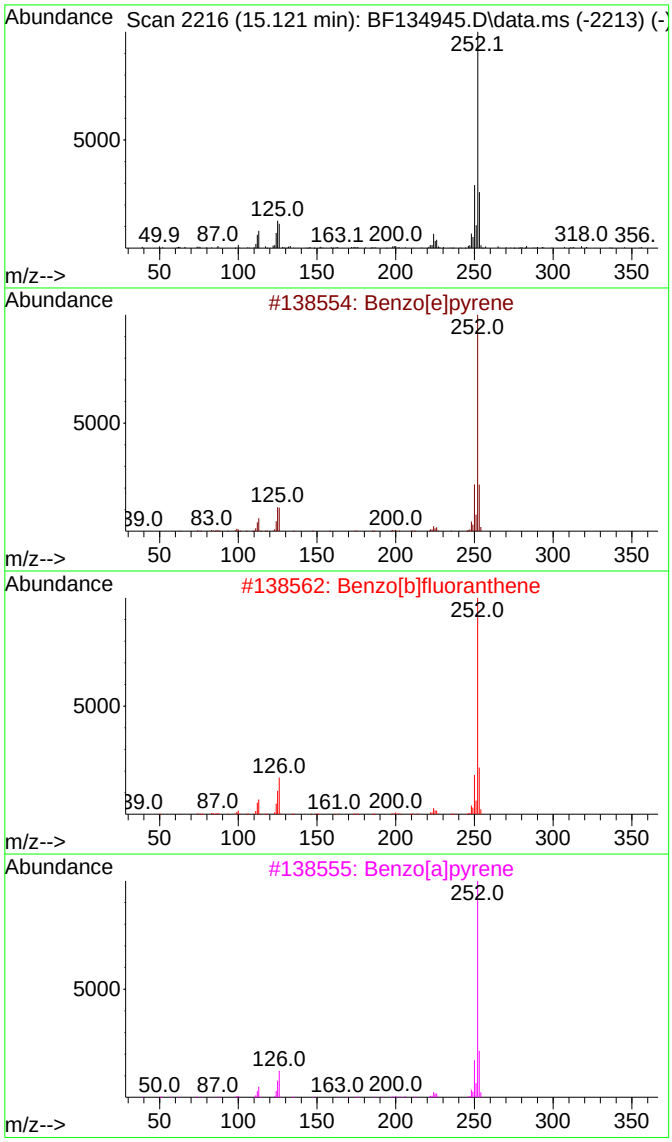
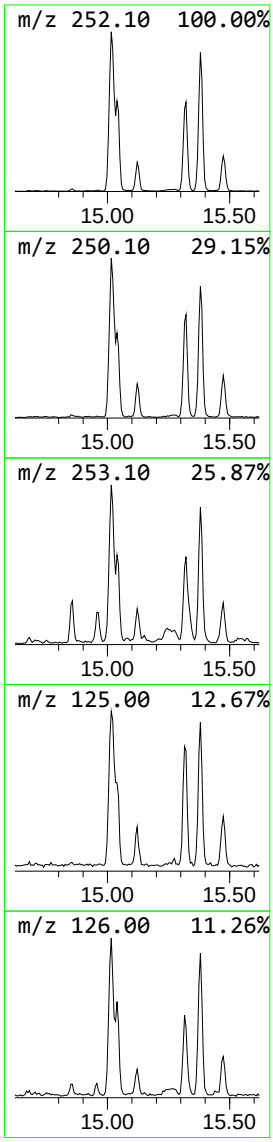
Peak Number 13 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.62 ng	135590	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Sample : 04110-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-22(3-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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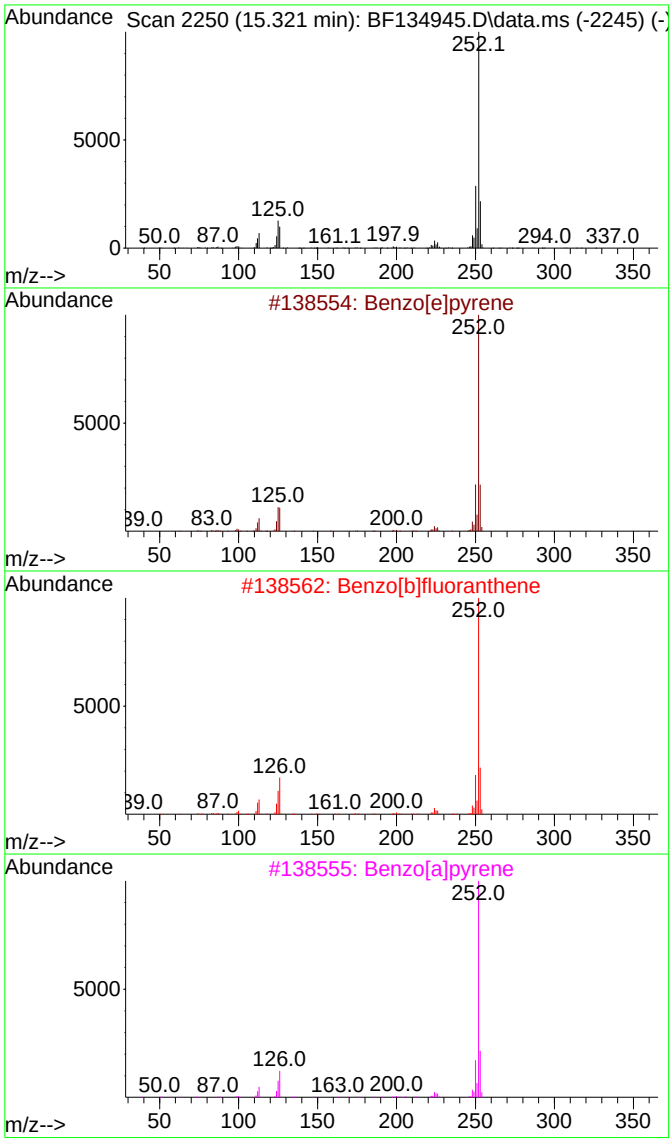
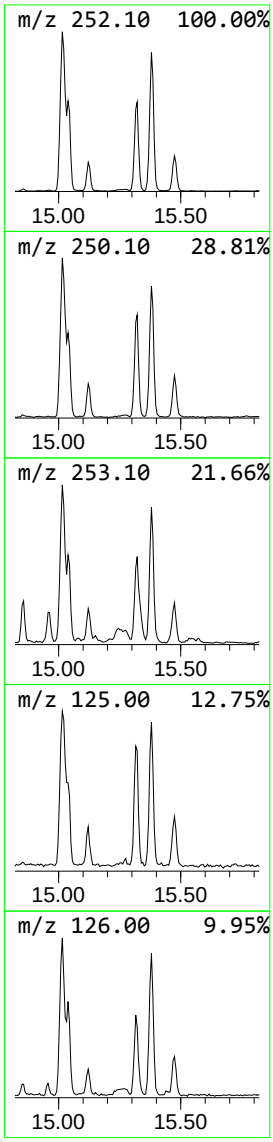
Peak Number 14 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	22.14 ng	534324	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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ClientSampleId :
TP-22(3-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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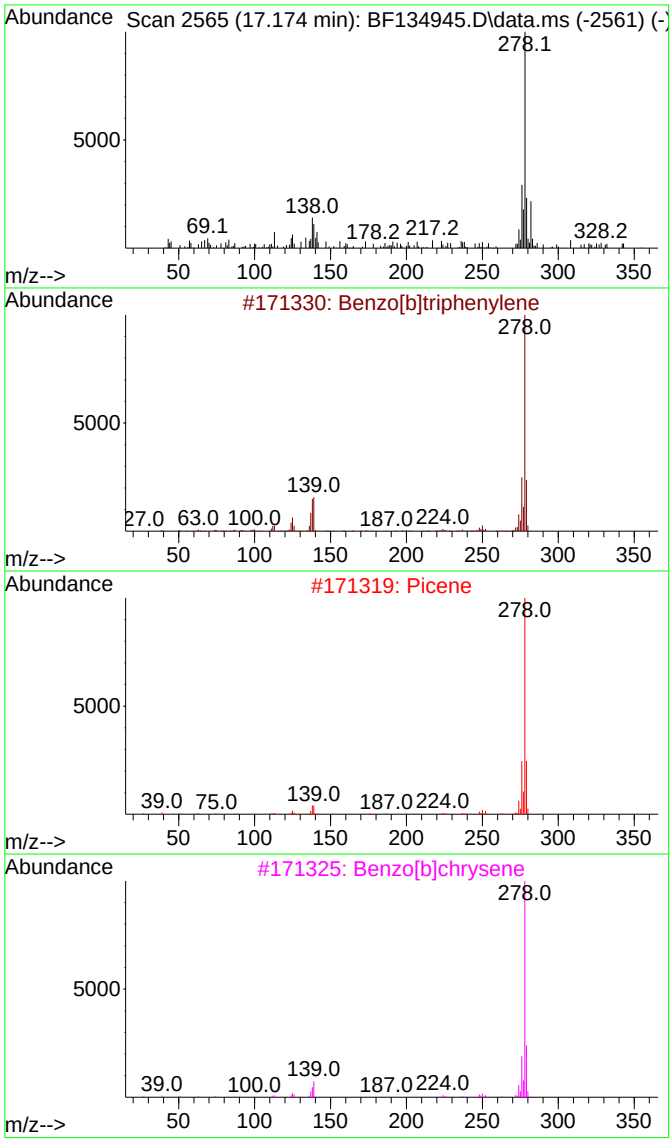
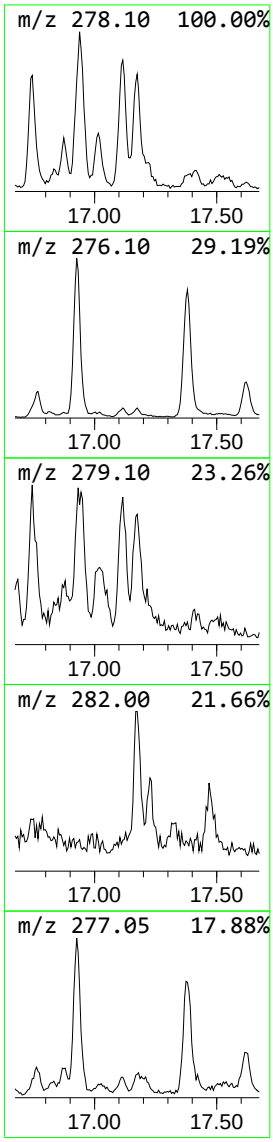
Peak Number 15 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	2.33 ng	56191	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	83
2	Picene	278	C22H14	000213-46-7	70
3	Benzo[b]chrysene	278	C22H14	000214-17-5	70
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	62
5	Pentaphene	278	C22H14	000222-93-5	62





Tentatively Identified Compound (LSC) summary

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Data File : BF134945.D
Acq On : 25 Aug 2023 17:29
Operator : CG\JU
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TP-22(3-4)

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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
Dodecane	10.745	2.5	ng	96043	4	11.316	773275	20.0
Anthracene, 1,2...	11.175	2.4	ng	92019	4	11.316	773275	20.0
Phenanthrene, 2...	11.822	3.1	ng	120031	4	11.316	773275	20.0
Phenanthrene, 1...	11.851	7.8	ng	302737	4	11.316	773275	20.0
4H-Cyclopenta[d...	11.933	6.1	ng	235179	4	11.316	773275	20.0
Naphthalene, 2-...	12.121	2.3	ng	87244	4	11.316	773275	20.0
unknown12.416	12.416	2.3	ng	90497	4	11.316	773275	20.0
11H-Benzo[b]flu...	13.098	3.4	ng	296580	5	13.974	1722150	20.0
Fluoranthene, 2...	13.163	2.9	ng	252289	5	13.974	1722150	20.0
Pentafluoroprop...	13.821	2.9	ng	248129	5	13.974	1722150	20.0
Pentadecane	14.762	2.4	ng	57765	6	15.445	482611	20.0
Benzo[e]pyrene	15.121	5.6	ng	135590	6	15.445	482611	20.0
Perylene	15.321	22.1	ng	534324	6	15.445	482611	20.0
Benzo[b]triphen...	17.174	2.3	ng	56191	6	15.445	482611	20.0