LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15(2-3)

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: BF134946.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	40	47	55	rVB	49504	72966	4.38%	0.265%
2	2.869	119	133	140	rVB2	23748	56144	3.37%	0.204%
3	4.999	492	495	500	rBV2	53973	56887	3.41%	0.206%
4	5.410	561	565	575	rVB	1297402	1161256	69.65%	4.212%
5	6.422	733	737	742	rBV	1519068	1278843	76.70%	4.639%
6	6.616	767	770	774	rBV2	50321	73121	4.39%	0.265%
7	6.787	796	799	806	rVB	724408	610991	36.64%	2.216%
8	7.345	891	894	898	rVV	998953	863871	51.81%	3.134%
9	8.069	1011	1017	1019	rBV	878322	799932	47.98%	2.902%
10	8.087	1019	1020	1023	rVV	173394	124689	7.48%	0.452%
11	8.134	1025	1028	1031	rVB	61813	53367	3.20%	0.194%
12	8.492	1085	1089	1093	rBV	136205	111628	6.69%	0.405%
13	8.663	1115	1118	1123	rBV	118162	90813	5.45%	0.329%
14	8.781	1136	1138	1141	rVB	164480	115858	6.95%	0.420%
15	8.881	1152	1155	1158	rBV	129079	103603	6.21%	0.376%
16	9.092	1188	1191	1196	rBV	76920	53497	3.21%	0.194%
17	9.145	1196	1200	1203	rBV	2192667	1664385	99.82%	6.037%
18	9.228	1211	1214	1219	rBV2	138169	126766	7.60%	0.460%
19	9.410	1241	1245	1249	rVB3	45219	68833	4.13%	0.250%
20	9.481	1254	1257	1260	rVV	120923	119754	7.18%	0.434%
21	9.510	1260	1262	1264	rVV	93586	79009	4.74%	0.287%
22	9.551	1267	1269	1271	rVV	113867	87143	5.23%	0.316%
23	9.598	1275	1277	1282	rVB2	60961	66297	3.98%	0.240%
24	9.686	1289	1292	1295	rVB	173328	153747	9.22%	0.558%
25	9.763	1302	1305	1309	rVB	118893	102826	6.17%	0.373%
26	9.822	1309	1315	1318	rBV	886438	780263	46.80%	2.830%
27	9.857	1318	1321	1324	rVB2	68211	72677	4.36%	0.264%
28	9.981	1337	1342	1346	rBV5	29160	64636	3.88%	0.234%
29	10.028	1347	1350	1353	rVB	108838	89138	5.35%	0.323%
30	10.145	1367	1370	1372	rBV	59684	57378	3.44%	0.208%
31	10.233	1382	1385	1387	rVV2	74360	72234	4.33%	0.262%
32	10.263	1387	1390	1393	rVB2	116257	99137	5.95%	0.360%
33	10.369	1405	1408	1410	rBV2	86142	76470	4.59%	0.277%
34	10.486	1425	1428	1432	rVV3	57396	58396	3.50%	0.212%
35	10.533	1432	1436	1439	rVB2	67029	71926	4.31%	0.261%
36	10.616	1445	1450	1454	rVV	853958	780863	46.83%	2.832%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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	10.657	1454	1457	1462	rVB3	36654	55611	3.34%	0.202%
38	10.739	1467	1471	1476	rBV2	201569	312304	18.73%	1.133%
39	11.057	1521	1525	1526	rBV	53709	55312	3.32%	0.201%
40	11.122	1533	1536	1539	rVV2	64730	57877	3.47%	0.210%
41	11.163	1540	1543	1545	rVV2	49262	61794	3.71%	0.224%
42	11.186	1545	1547	1550	rVV	140543	127432	7.64%	0.462%
43	11.216	1550	1552	1557	rVB3	74088	74712	4.48%	0.271%
44	11.316	1566	1569	1571	rBV	899367	714287	42.84%	2.591%
45	11.339	1571	1573	1576	rVV	534816	399600	23.97%	1.449%
46	11.392	1579	1582	1585	rVB	93983	82632	4.96%	0.300%
47	11.428	1585	1588	1591	rBV3	47436	55598	3.33%	0.202%
48	11.551	1606	1609	1611	rVV	98209	91818	5.51%	0.333%
49	11.569	1611	1612	1618	rVV3	41819	66584	3.99%	0.242%
50	11.616	1618	1620	1623	rVV	148892	123527	7.41%	0.448%
51	11.651	1623	1626	1631	rVB2	43272	58494	3.51%	0.212%
52	11.822	1652	1655	1657	rBV	116106	93633	5.62%	0.340%
53	11.851	1657	1660	1664	rVV	324167	301103	18.06%	1.092%
54	11.927	1670	1673	1676	rVV2	191283	209192	12.55%	0.759%
55	11.957	1676	1678	1682	rVB	107806	95417	5.72%	0.346%
56	12.027	1688	1690	1692	rVV	145551	114480	6.87%	0.415%
57	12.122	1703	1706	1708	rBV	112534	109204	6.55%	0.396%
58	12.145	1708	1710	1716	rVB	106996	95639	5.74%	0.347%
59	12.269	1725	1731	1734	rBV2	68615	102070	6.12%	0.370%
60	12.298	1734	1736	1738	rVV	77410	75835	4.55%	0.275%
61	12.322	1738	1740	1744	rVV	60672	56060	3.36%	0.203%
62	12.375	1746	1749	1752	rVV	178812	177787	10.66%	0.645%
63	12.416	1752	1756	1761	rVV3	125212	215429	12.92%	0.781%
64	12.457	1761	1763	1768	rVV	119166	124186	7.45%	0.450%
65	12.539	1773	1777	1780	rBV	1363947	1212844	72.74%	4.399%
66	12.633	1790	1793	1795	rBV	65344	64079	3.84%	0.232%
67	12.669	1796	1799	1801	rBV3	52472	57987	3.48%	0.210%
68	12.769	1810	1816	1818	rBV	1273165	1337807	80.23%	4.853%
69	12.792	1818	1820	1822	rVV2	124786	99468	5.97%	0.361%
70	12.822	1822	1825	1829	rVB2	86443	110465	6.63%	0.401%
71	12.886	1832	1836	1837	rBV2	95741	91381	5.48%	0.331%
72	12.916	1837	1841	1847	rVB	1720492	1667378	100.00%	6.048%
73	12.986	1848	1853	1857	rBV3	153216	237820	14.26%	0.863%
74	13.074	1865	1868	1869	rBV3	104902	119268	7.15%	0.433%
75	13.092	1869	1871	1875	rVB2	183949	194189	11.65%	0.704%
76	13.163	1879	1883	1886	rBV2	124839	156527	9.39%	0.568%

LSC Area Percent Report

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Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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

77	13.198	1886	1889	1892	rBV2	205522	215928	12.95%	0.783%
78	13.292	1903	1905	1908	rVB	116263	93464	5.61%	0.339%
79	13.322	1908	1910	1914	rBV2	104305	111181	6.67%	0.403%
80	13.498	1938	1940	1943	rVB2	95788	79251	4.75%	0.287%
81	13.610	1956	1959	1963	rVB	191112	203666	12.21%	0.739%
82	13.716	1974	1977	1980	rBV3	127698	132069	7.92%	0.479%
83	13.745	1980	1982	1984	rVV	87530	72799	4.37%	0.264%
84	13.769	1984	1986	1992	rVV2	115219	175779	10.54%	0.638%
85	13.821	1992	1995	2002	rVB2	269657	353289	21.19%	1.282%
86	13.969	2013	2020	2023	rBV2	880611	1389306	83.32%	5.040%
87	13.998	2023	2025	2027	rVB	601240	443747	26.61%	1.610%
88	14.074	2036	2038	2041	rVB2	101509	90685	5.44%	0.329%
89	14.363	2084	2087	2090	rVV	163838	161503	9.69%	0.586%
90	14.398	2090	2093	2097	rVB2	112888	118174	7.09%	0.429%
91	14.457	2100	2103	2105	rVB2	115996	92783	5.56%	0.337%
92	14.486	2106	2108	2110	rBV	71910	54253	3.25%	0.197%
93	15.016	2194	2198	2201	rBV	706412	1066943	63.99%	3.870%
94	15.121	2214	2216	2220	rVB	147320	154886	9.29%	0.562%
95	15.321	2245	2250	2256	rVB	414648	562681	33.75%	2.041%
96	15.380	2256	2260	2266	rVV	535448	670665	40.22%	2.433%
97	15.445	2267	2271	2274	rVV	371368	461617	27.69%	1.674%
98	15.474	2274	2276	2284	rVB2	178811	269542	16.17%	0.978%
99	16.933	2518	2524	2532	rVB2	237220	482345	28.93%	1.750%
100	17.380	2595	2600	2611	rVB	158421	335558	20.12%	1.217%

Sum of corrected areas: 27568288

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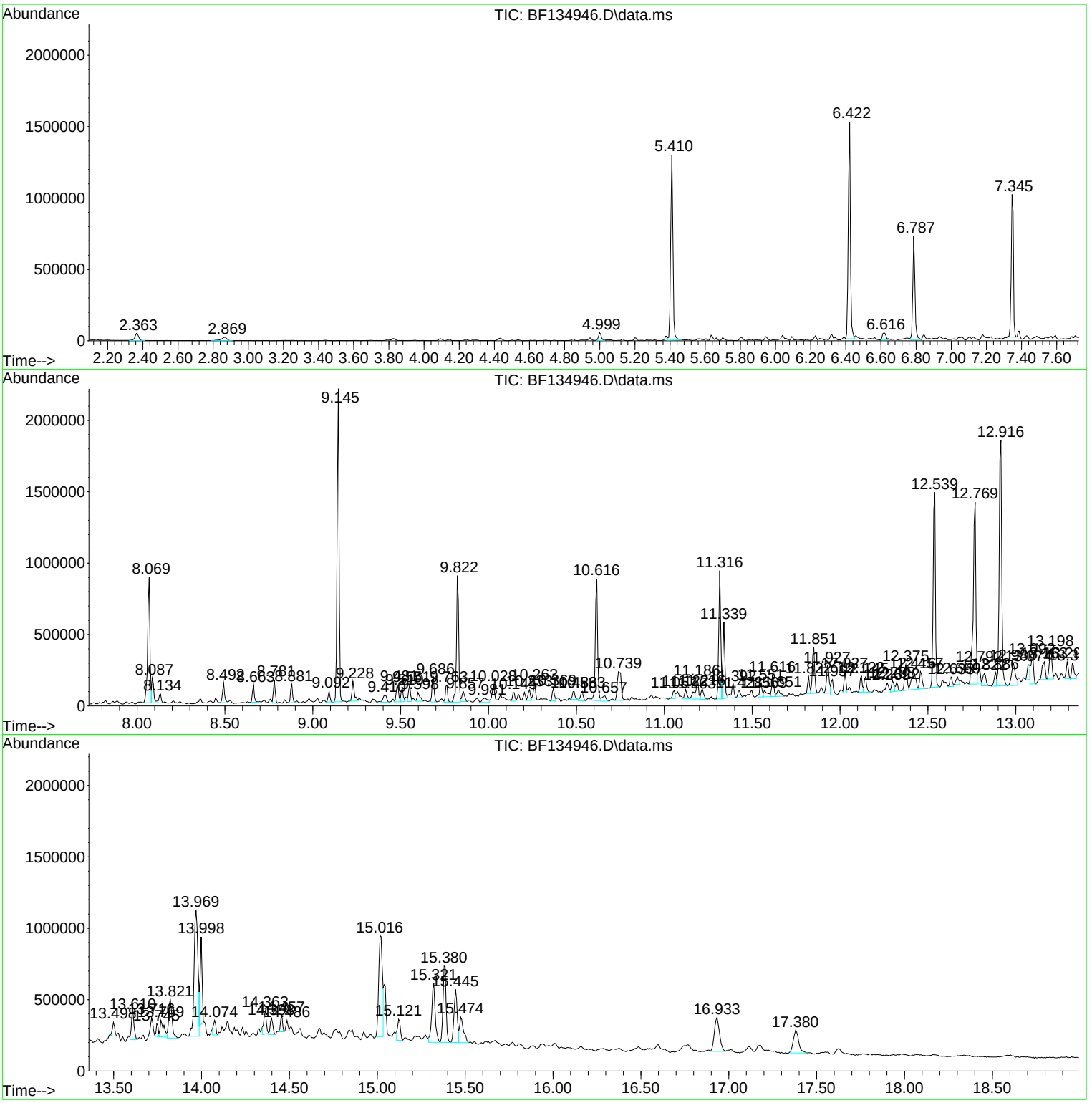
Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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 : BF134946.D
Acq On : 25 Aug 2023 18:02
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Sample : 04110-12
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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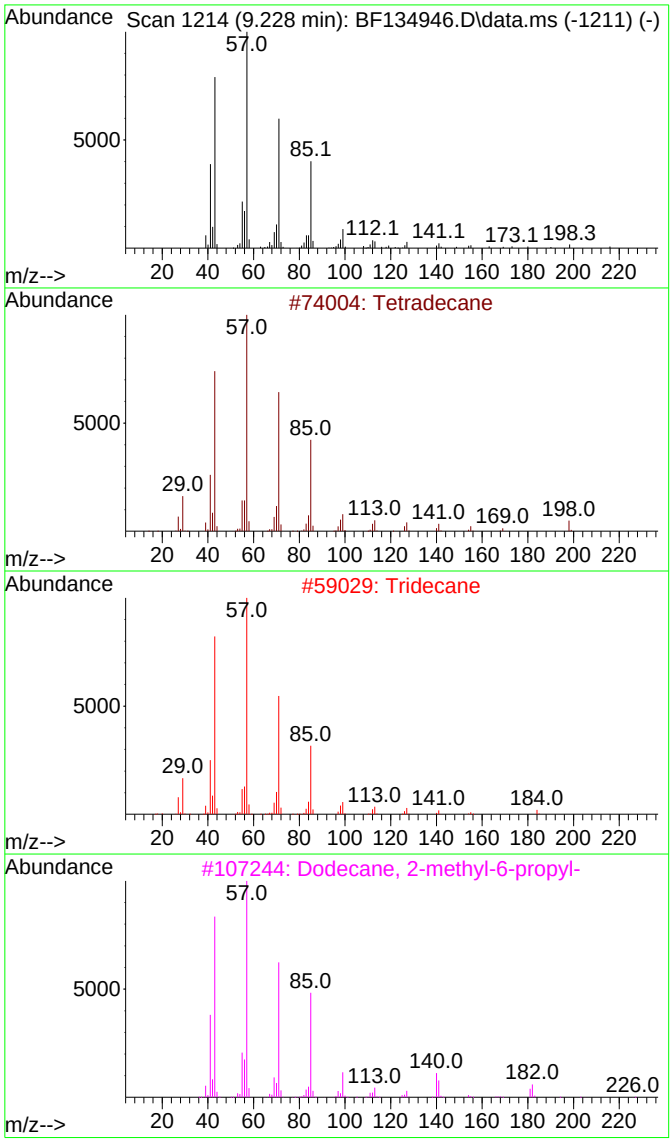
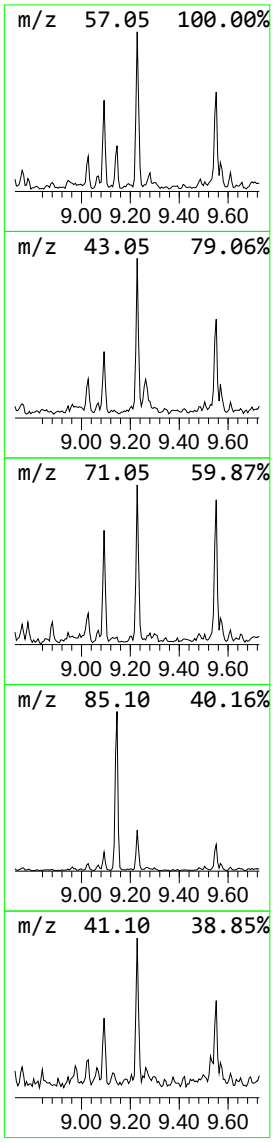
Peak Number 1 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	3.25 ng	126766	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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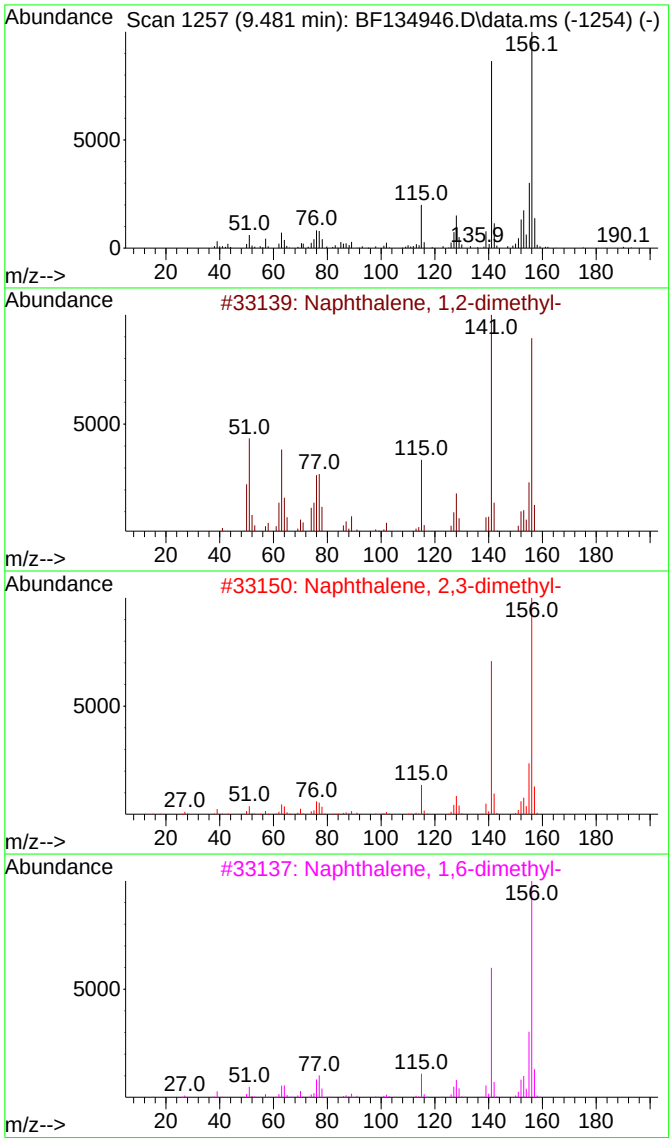
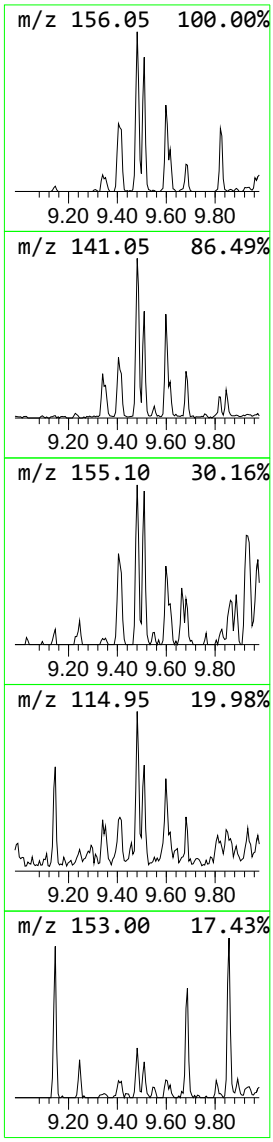
Peak Number 2 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	3.07 ng	119754	Acenaphthene-d10	9.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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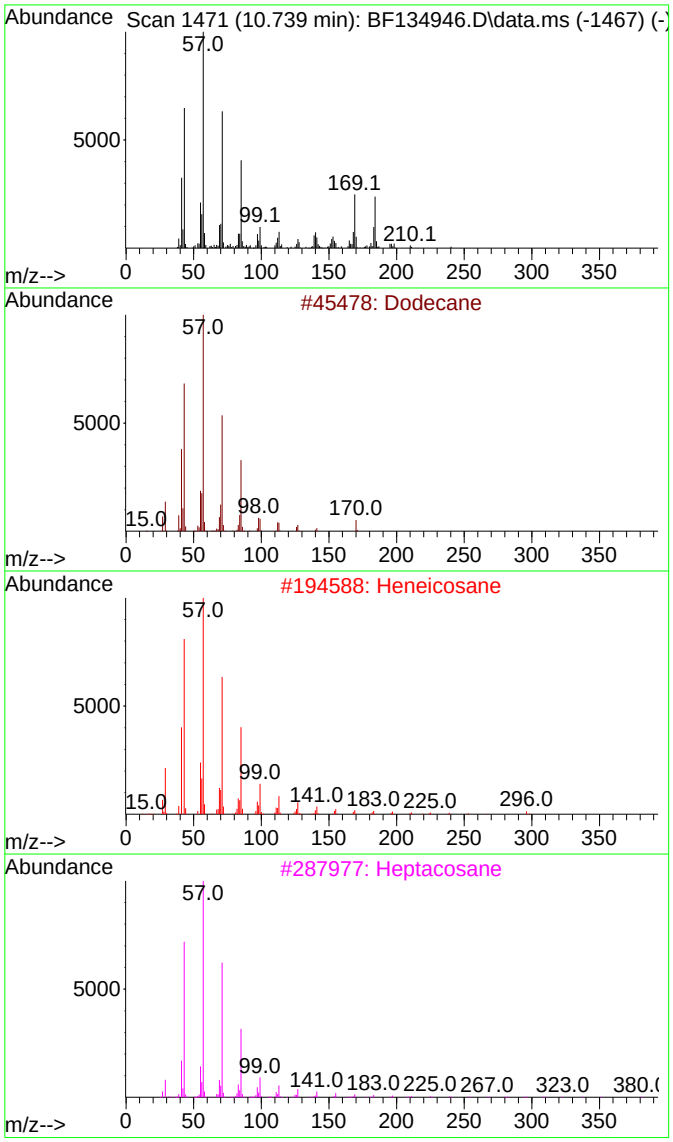
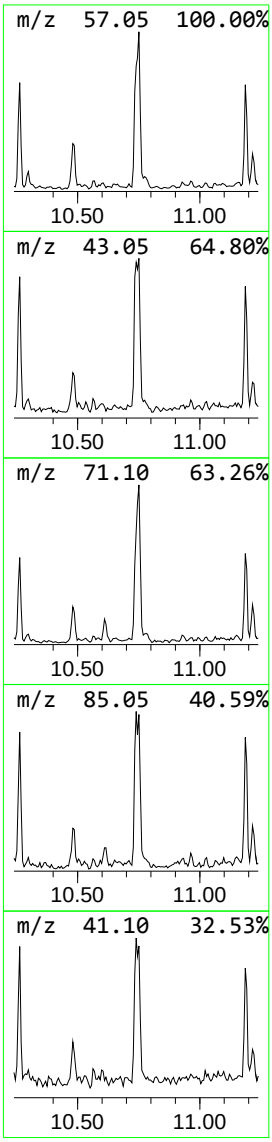
Peak Number 3 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	8.74 ng	312304	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Heneicosane	296	C21H44	000629-94-7	58
3	Heptacosane	380	C27H56	000593-49-7	58
4	Nonadecane	268	C19H40	000629-92-5	58
5	Octadecane	254	C18H38	000593-45-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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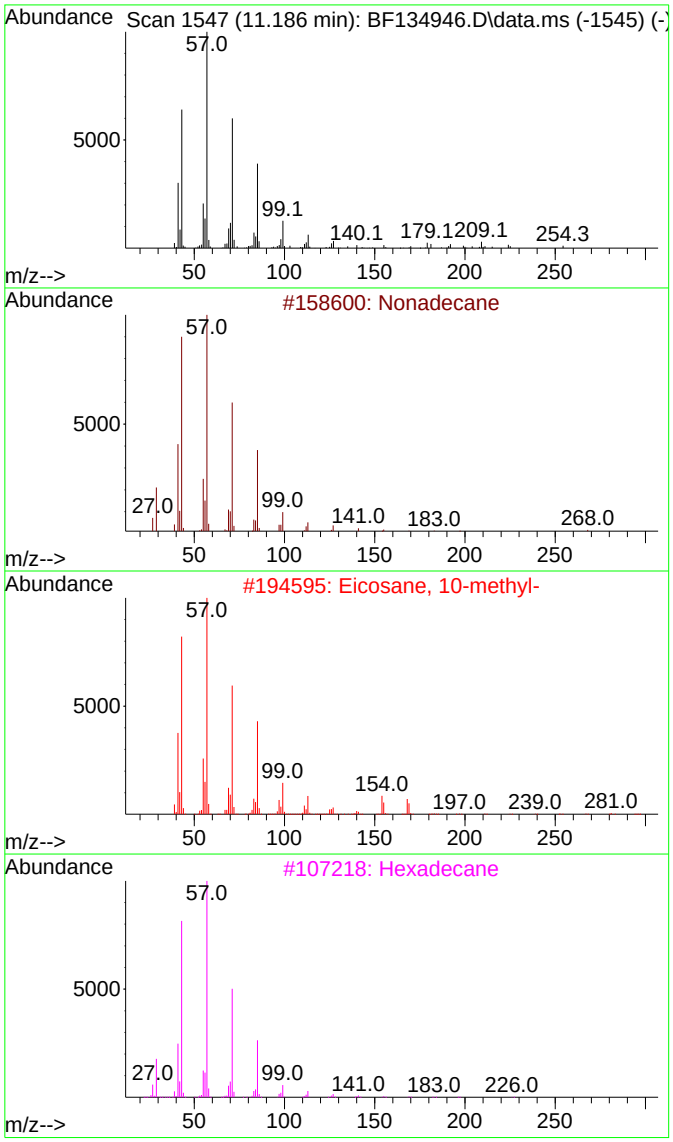
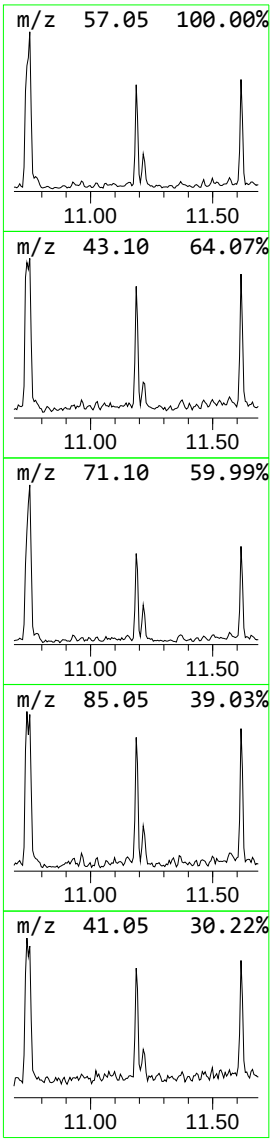
Peak Number 4 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	3.57 ng	127432	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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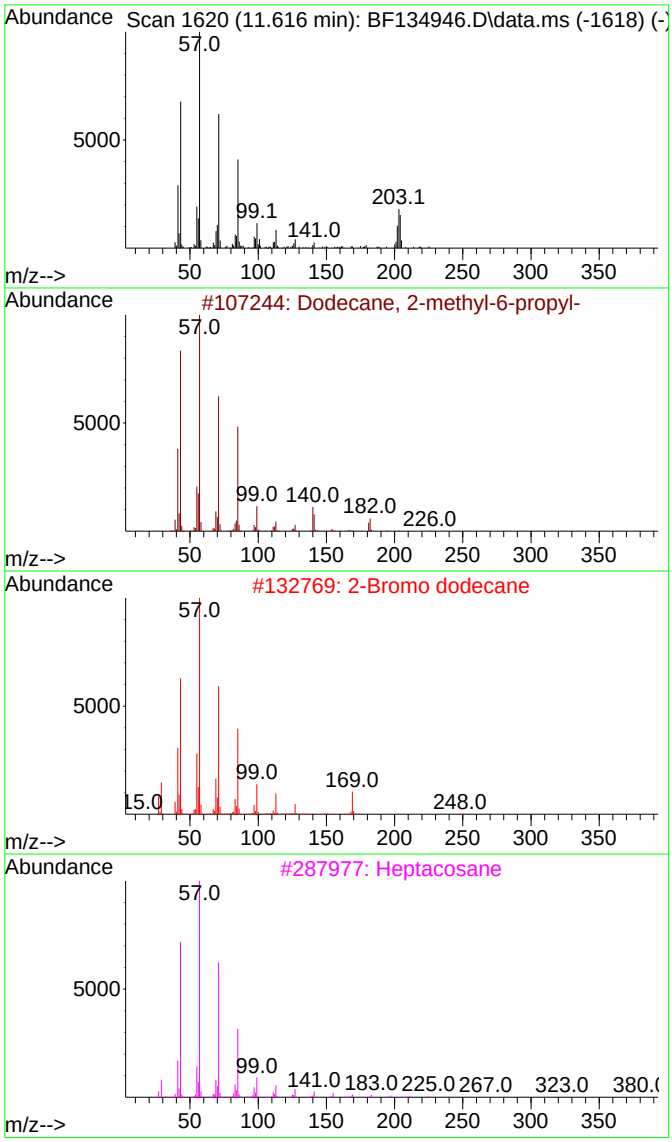
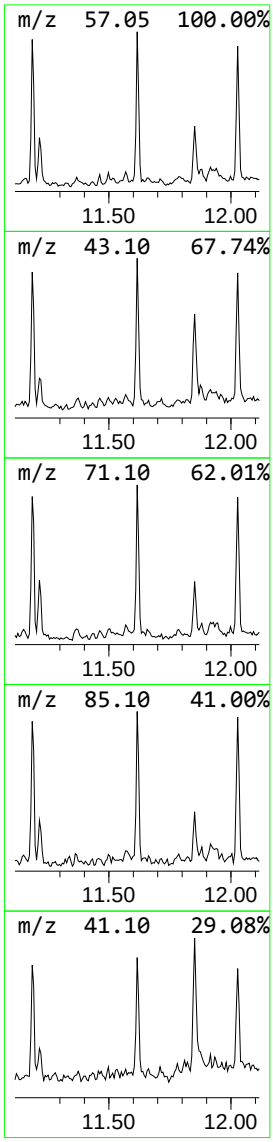
Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	3.46 ng	123527	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
3	Heptacosane	380	C27H56	000593-49-7	68
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Octadecane	254	C18H38	000593-45-3	64





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Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
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ClientSampleId :
TP-15(2-3)

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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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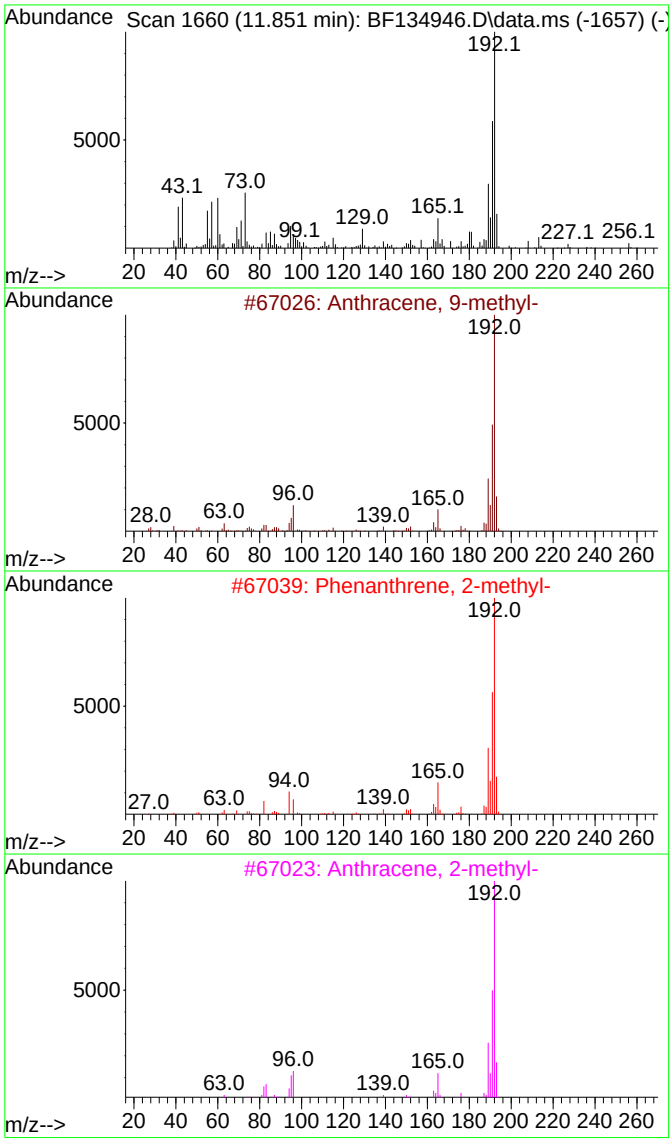
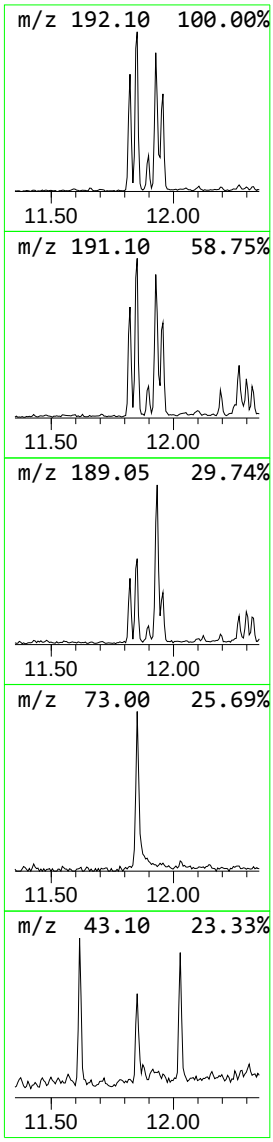
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	8.43 ng	301103	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-15(2-3)

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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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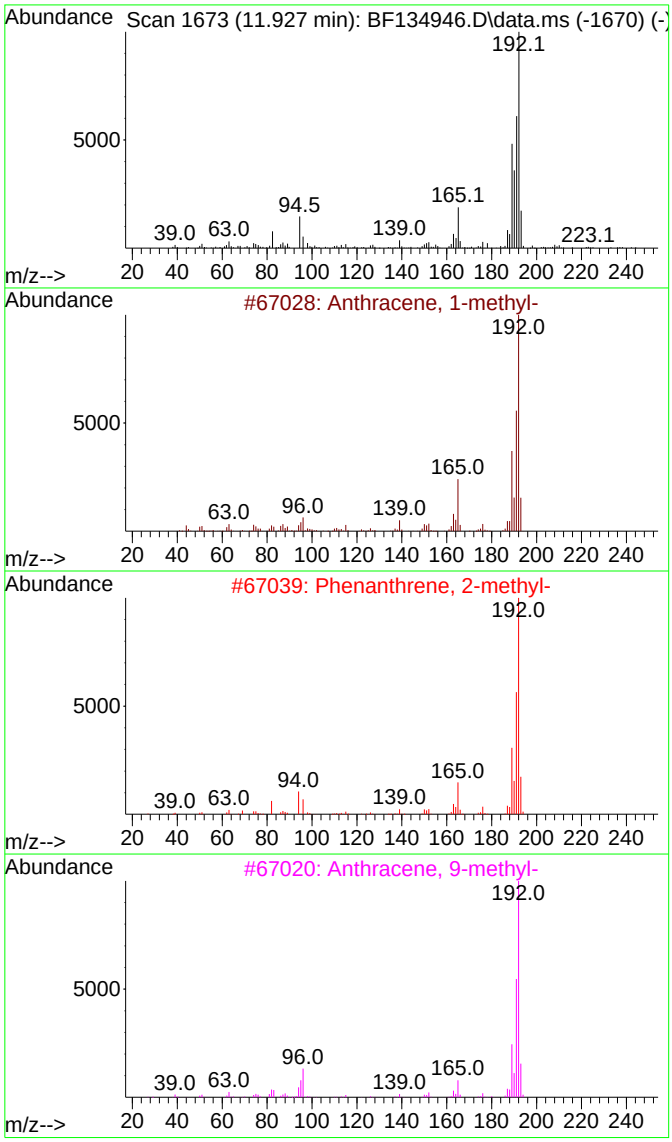
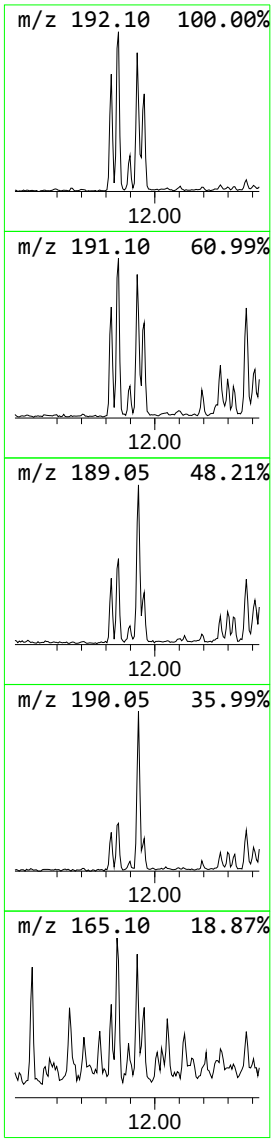
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	5.86 ng	209192	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-15(2-3)

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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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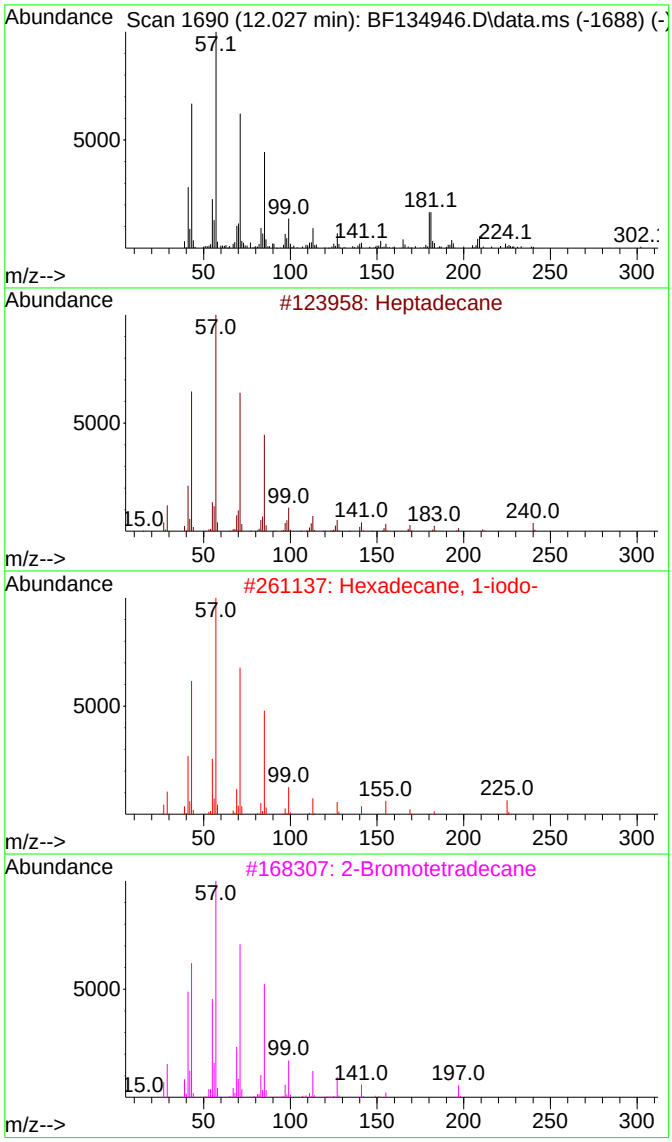
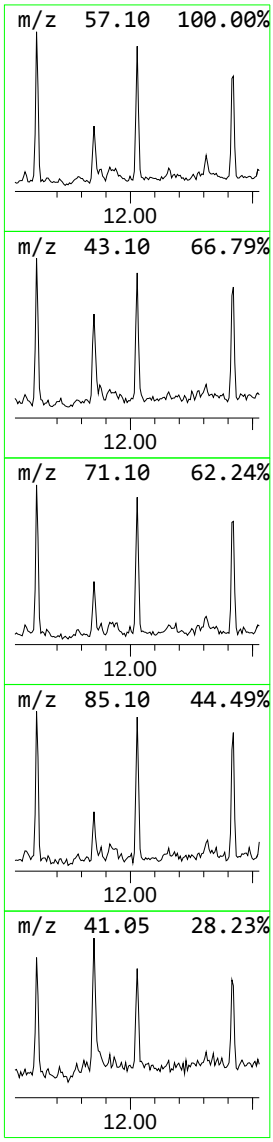
Peak Number 8 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	3.21 ng	114480	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	68
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	68
4	Pentadecane	212	C15H32	000629-62-9	68
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	68





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-15(2-3)

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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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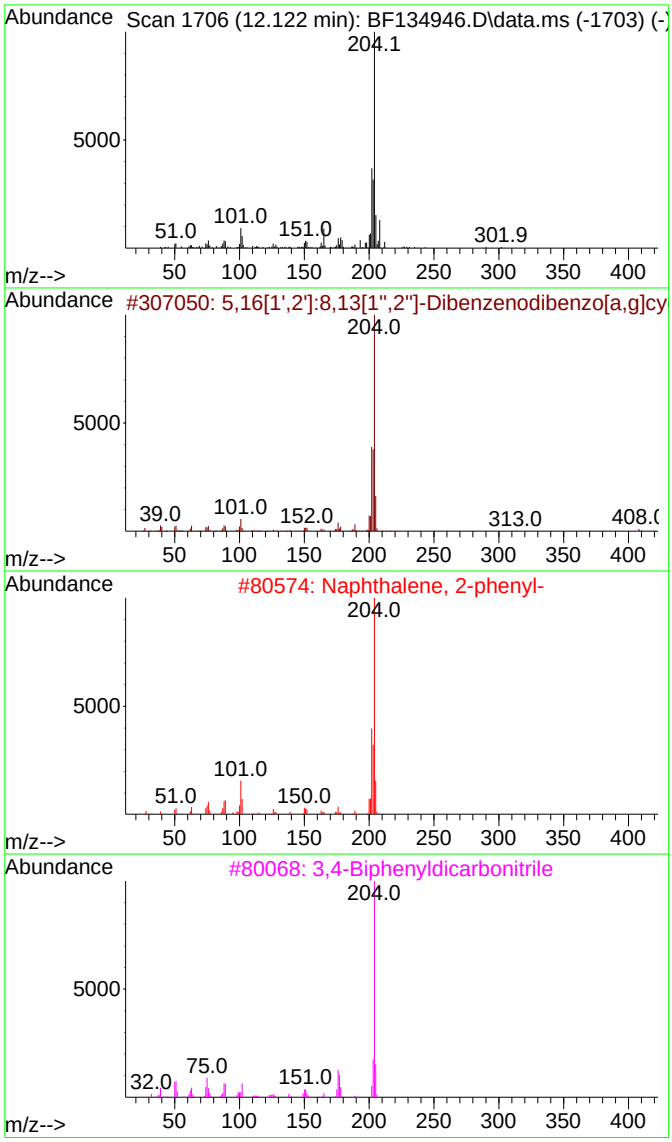
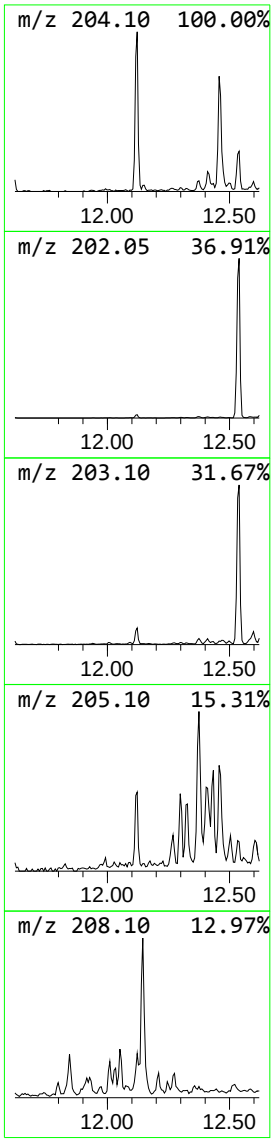
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	3.06 ng	109204	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	74
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





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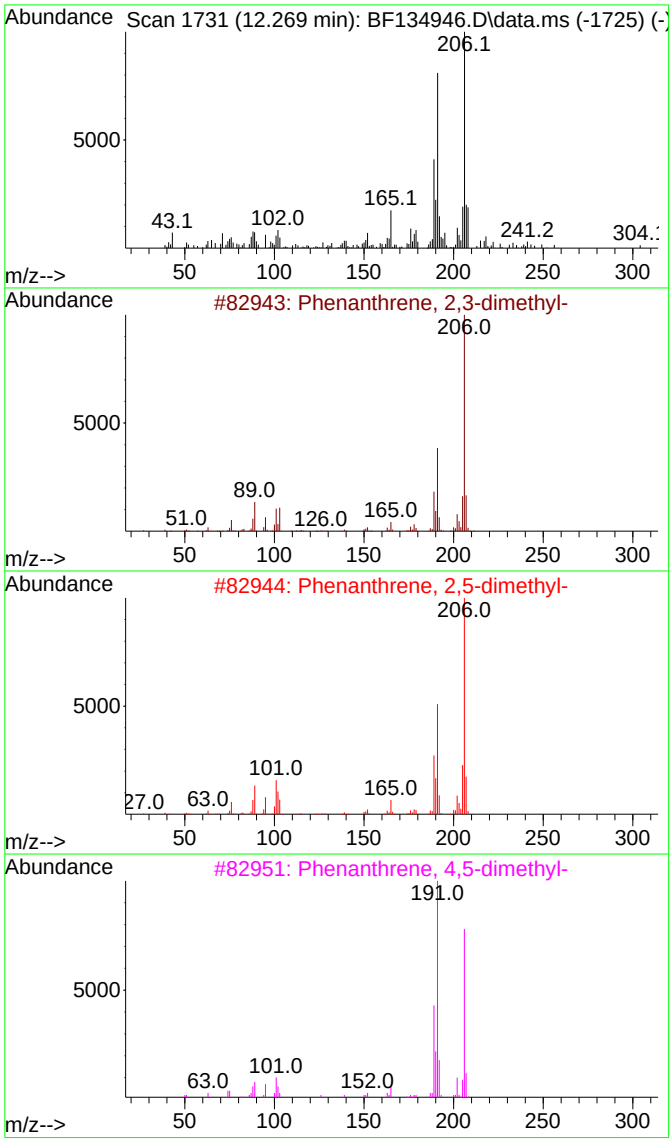
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

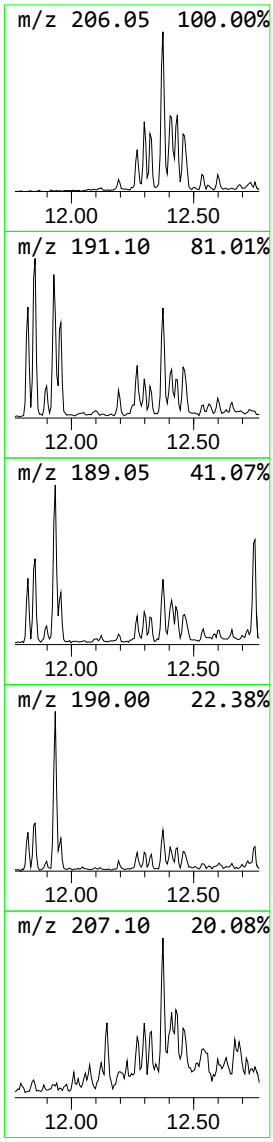
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	2.86 ng	102070	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	76





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-15(2-3)

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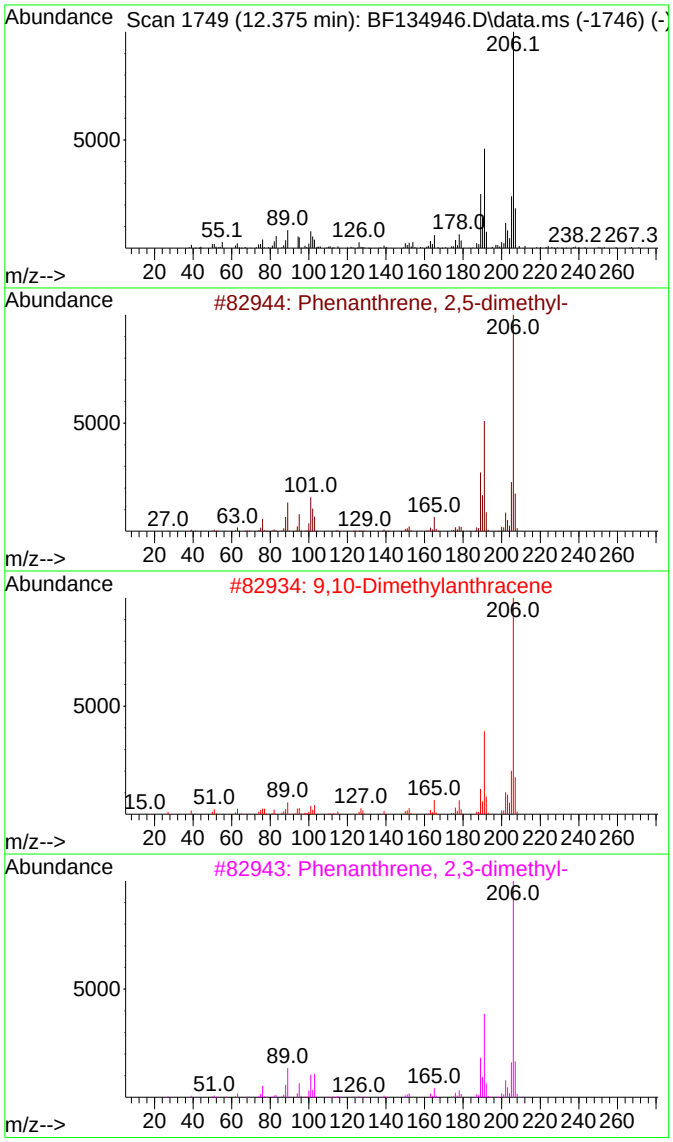
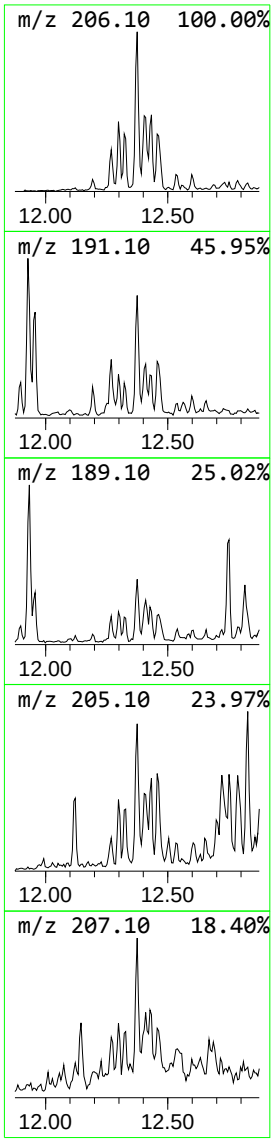
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	4.98 ng	177787	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Misc :
ALS Vial : 11 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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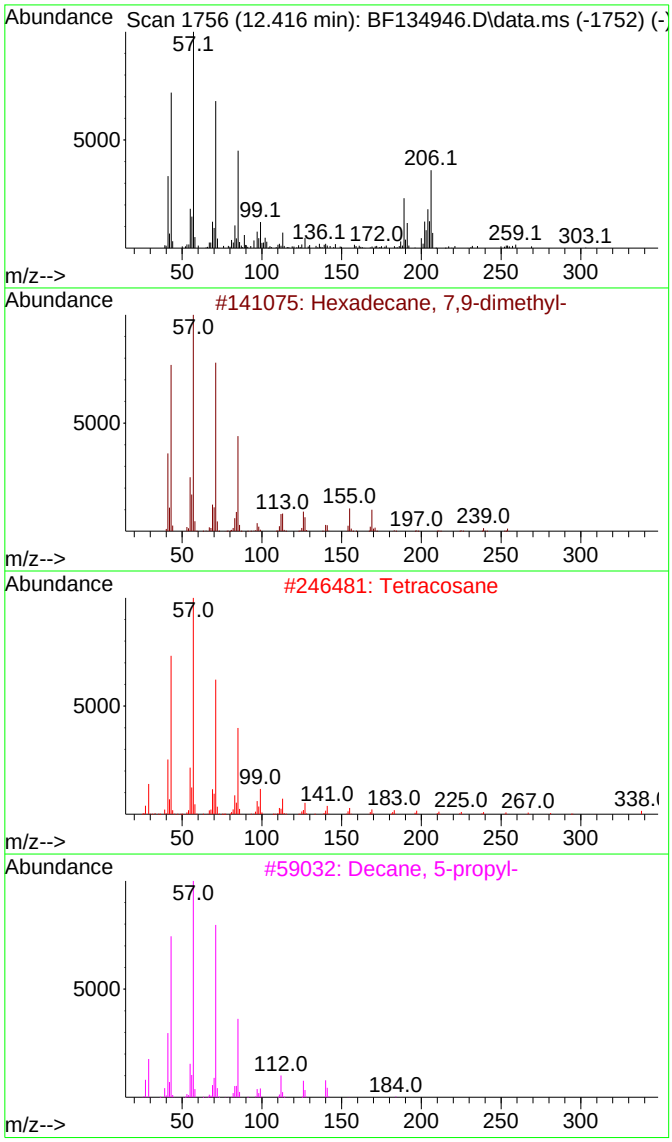
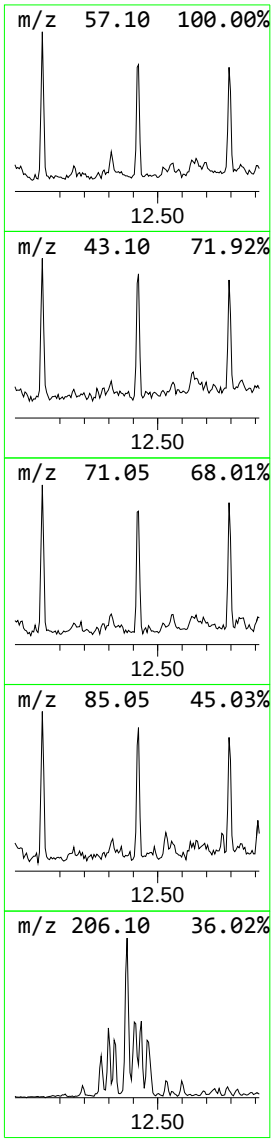
Peak Number 12 Hexadecane, 7,9-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	6.03 ng	215429	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50
2	Tetracosane	338	C24H50	000646-31-1	49
3	Decane, 5-propyl-	184	C13H28	017312-62-8	49
4	Octacosane	394	C28H58	000630-02-4	49
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	46





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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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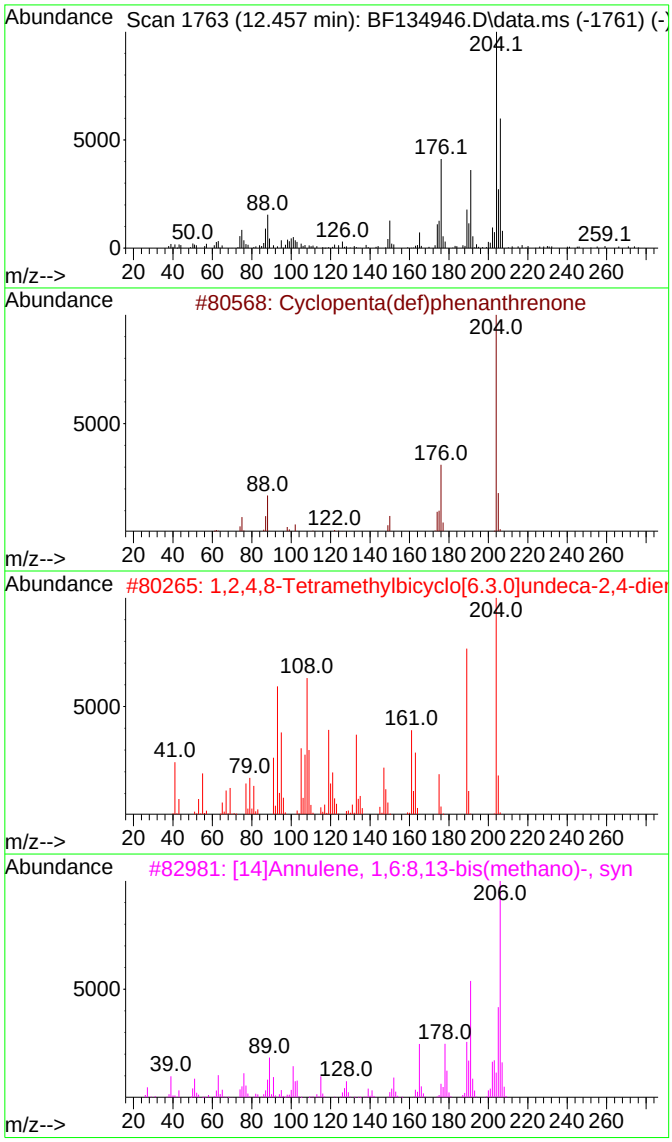
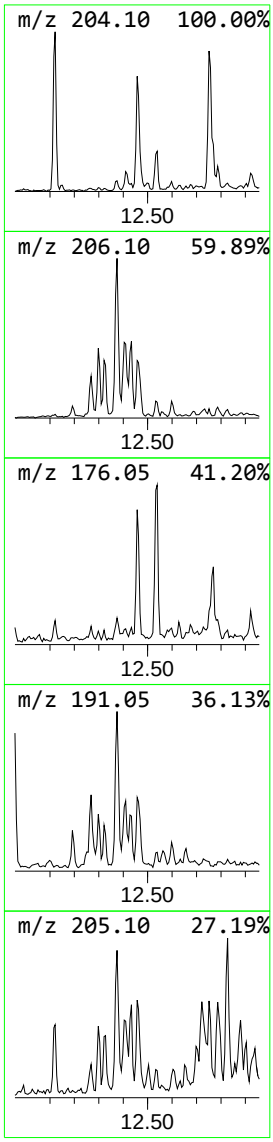
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.48 ng	124186	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	35
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	35





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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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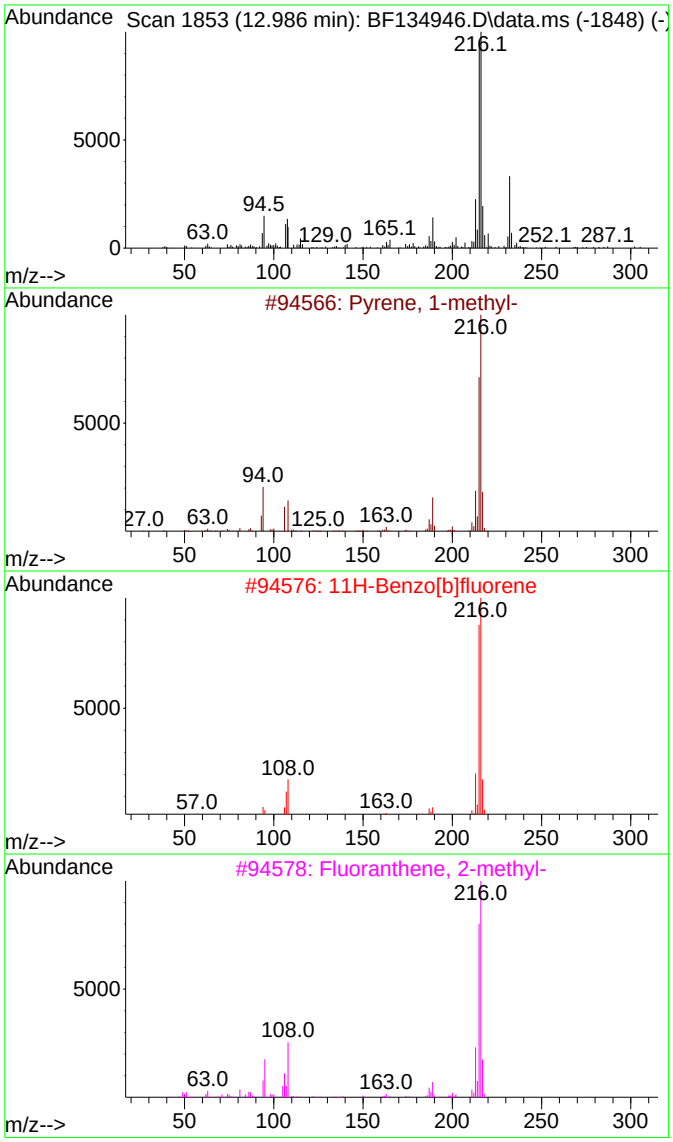
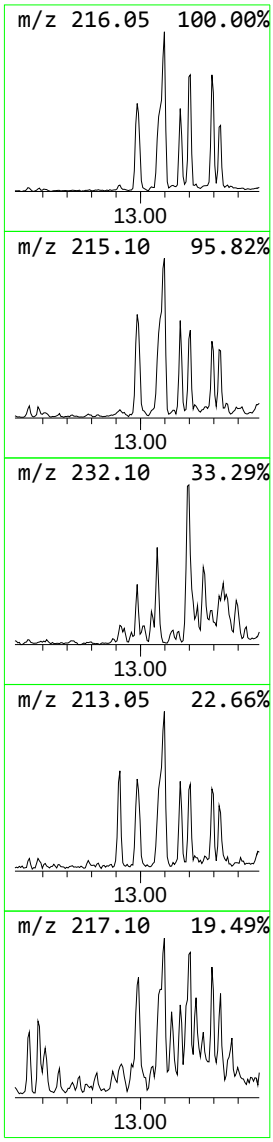
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	3.42 ng	237820	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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TP-15(2-3)

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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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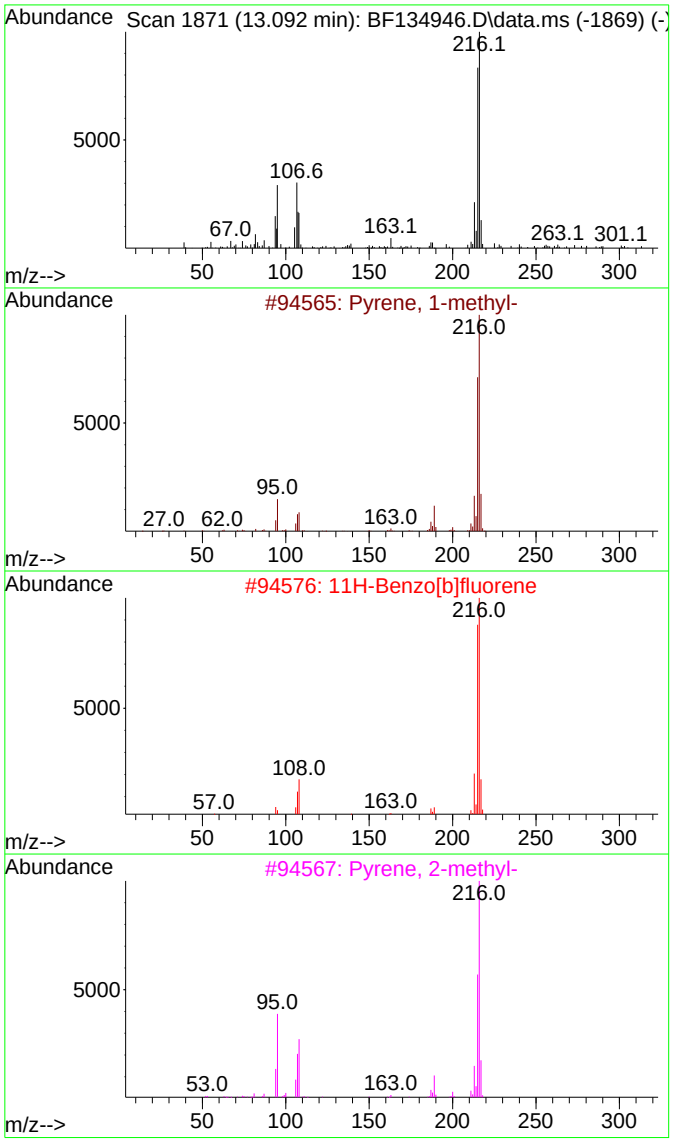
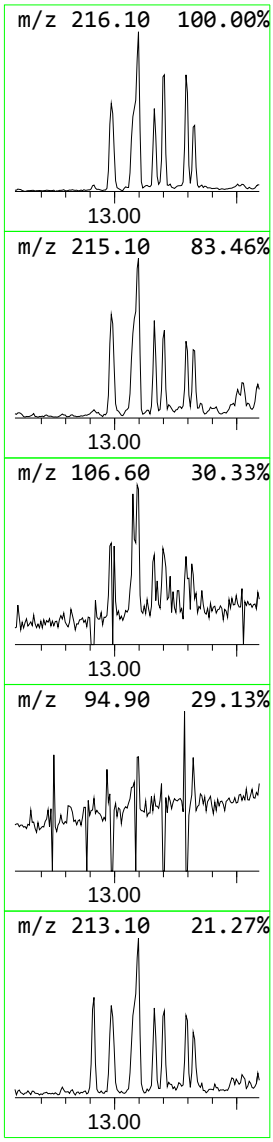
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.80 ng	194189	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52





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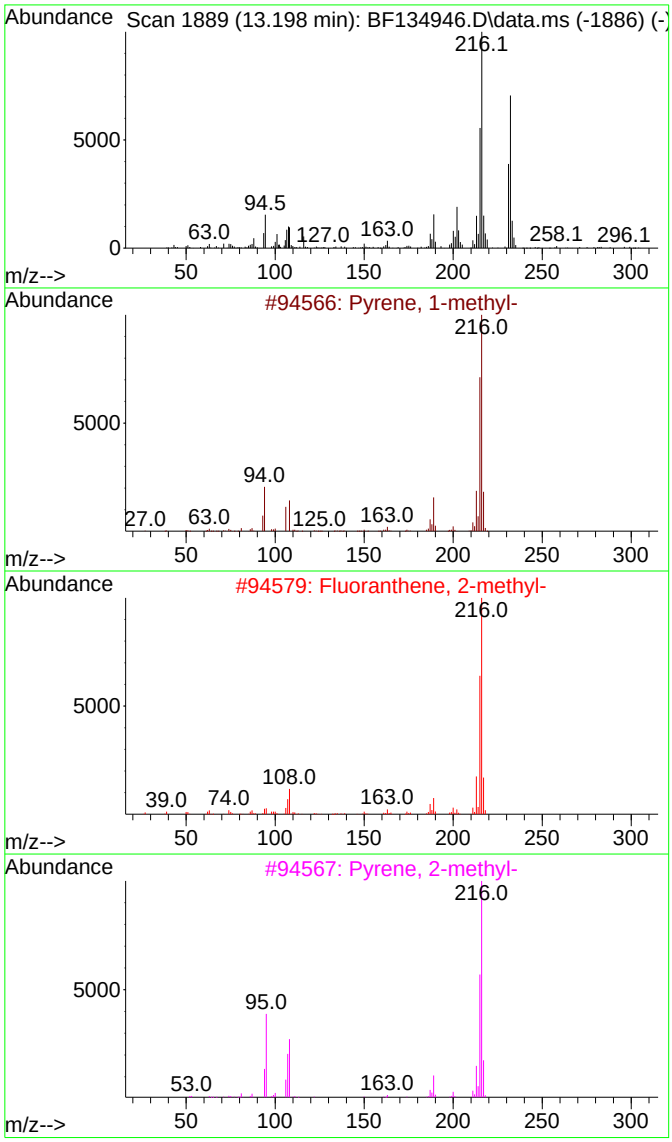
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

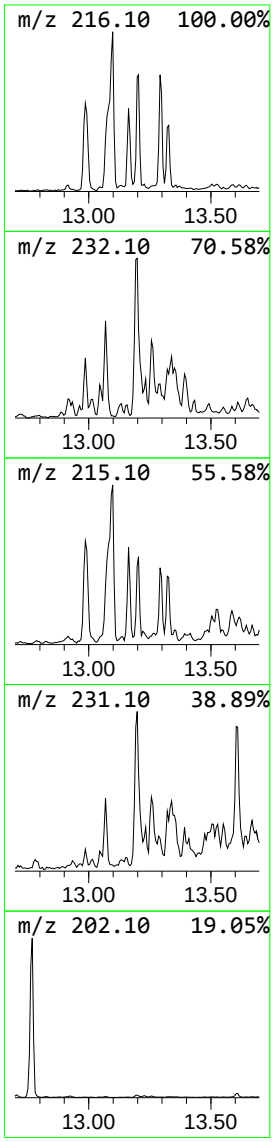
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.11 ng	215928	Chrysene-d12	13.974

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	86
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





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Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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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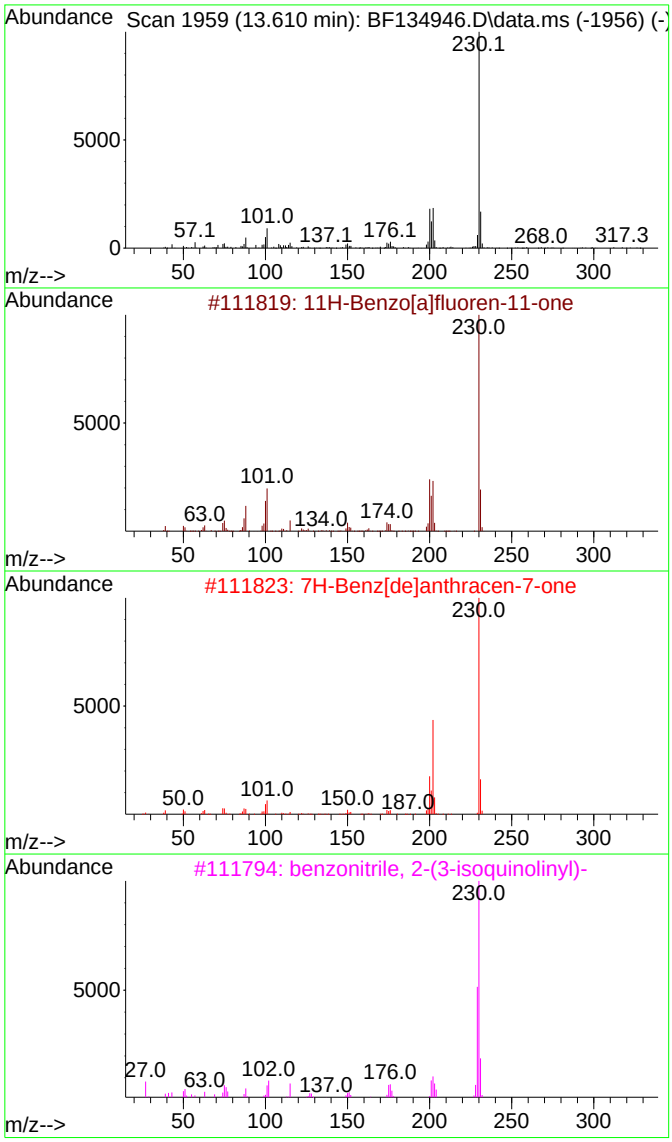
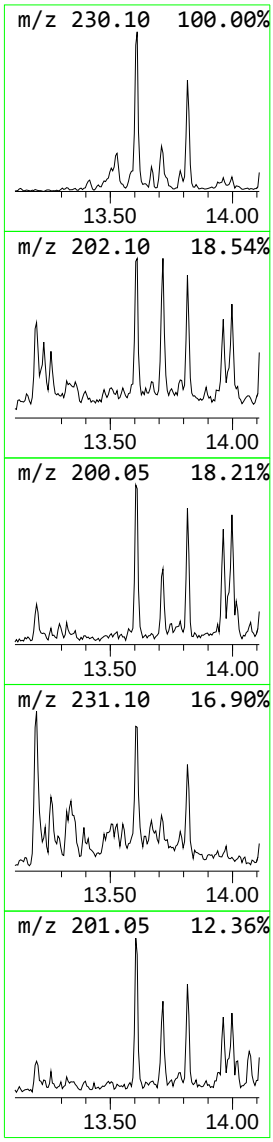
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	2.93 ng	203666	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	72





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Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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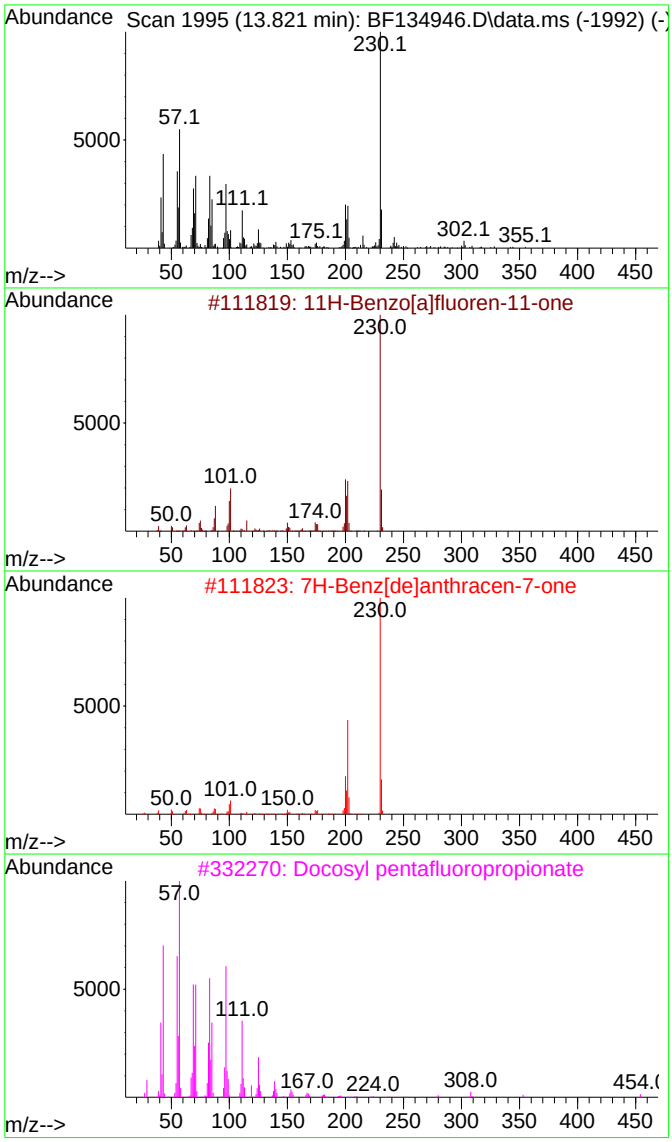
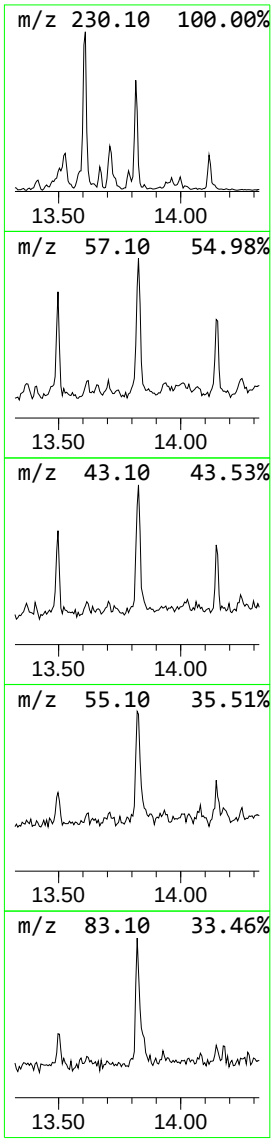
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	5.09 ng	353289	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	35
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	35
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	35





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Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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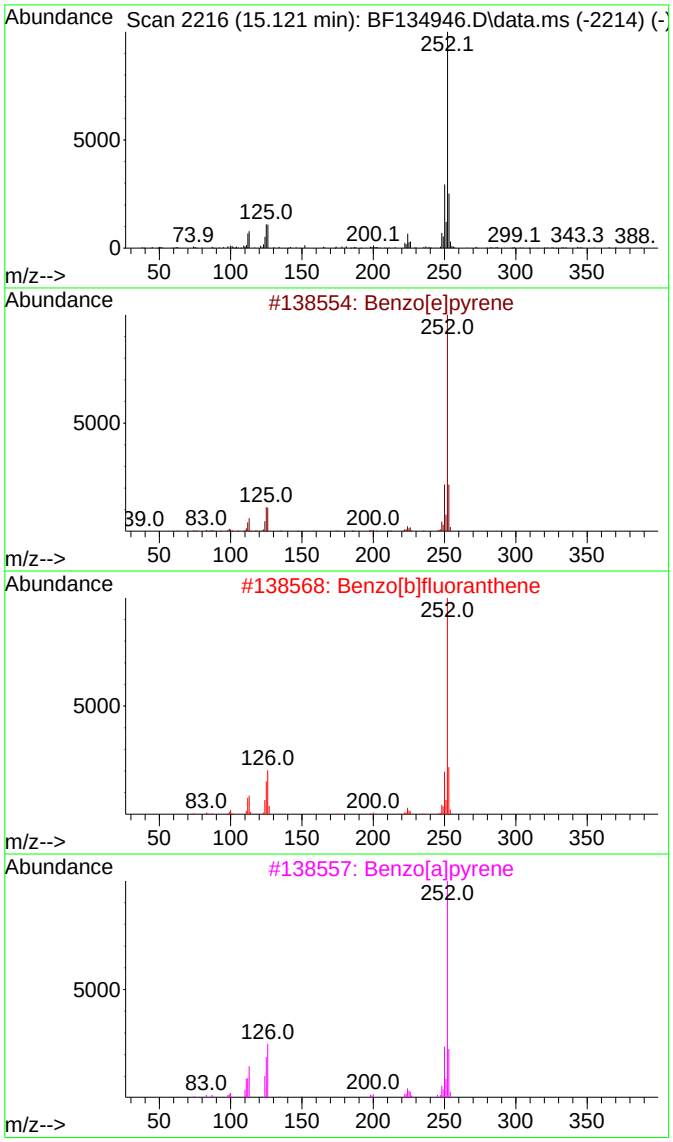
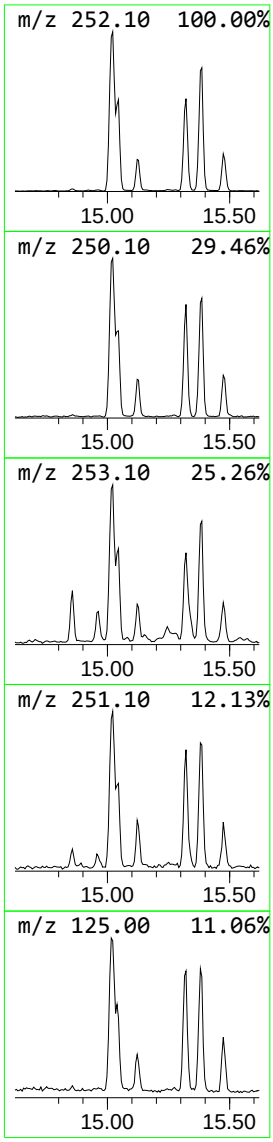
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	6.71 ng	154886	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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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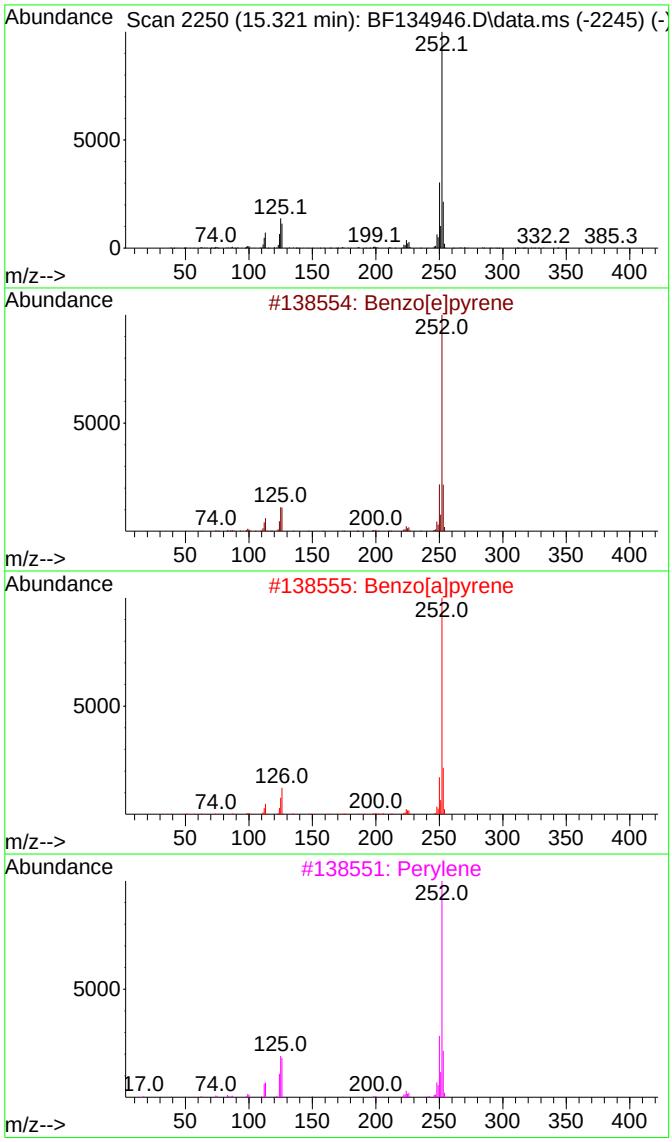
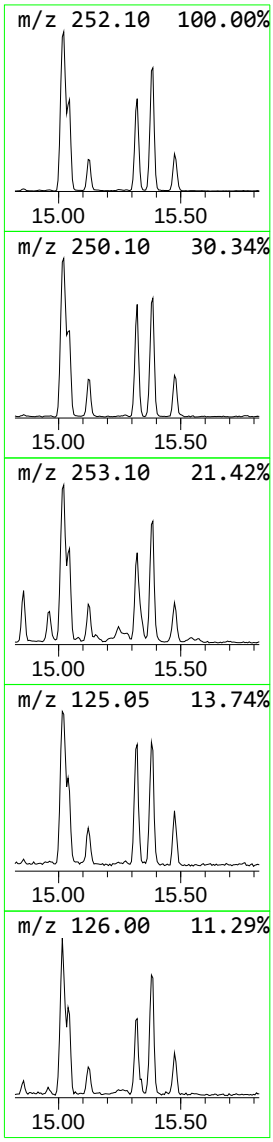
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	24.38 ng	562681	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[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
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\BF082523\
Data File : BF134946.D
Acq On : 25 Aug 2023 18:02
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15(2-3)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetradecane	9.228	3.3	ng	126766	3	9.822	780263	20.0
Naphthalene, 1,...	9.481	3.1	ng	119754	3	9.822	780263	20.0
Dodecane	10.739	8.7	ng	312304	4	11.316	714287	20.0
Nonadecane	11.186	3.6	ng	127432	4	11.316	714287	20.0
Dodecane, 2-met...	11.616	3.5	ng	123527	4	11.316	714287	20.0
Anthracene, 9-m...	11.851	8.4	ng	301103	4	11.316	714287	20.0
Anthracene, 1-m...	11.928	5.9	ng	209192	4	11.316	714287	20.0
Heptadecane	12.028	3.2	ng	114480	4	11.316	714287	20.0
5,16[1',2']:8,1...	12.122	3.1	ng	109204	4	11.316	714287	20.0
Phenanthrene, 2...	12.269	2.9	ng	102070	4	11.316	714287	20.0
Phenanthrene, 2...	12.374	5.0	ng	177787	4	11.316	714287	20.0
Hexadecane, 7,9...	12.416	6.0	ng	215429	4	11.316	714287	20.0
Cyclopenta(def)...	12.457	3.5	ng	124186	4	11.316	714287	20.0
Pyrene, 1-methyl-	12.986	3.4	ng	237820	5	13.974	1389310	20.0
11H-Benzo[b]flu...	13.092	2.8	ng	194189	5	13.974	1389310	20.0
Fluoranthene, 2...	13.198	3.1	ng	215928	5	13.974	1389310	20.0
11H-Benzo[a]flu...	13.610	2.9	ng	203666	5	13.974	1389310	20.0
7H-Benz[de]anth...	13.822	5.1	ng	353289	5	13.974	1389310	20.0
Benzo[e]pyrene	15.121	6.7	ng	154886	6	15.445	461617	20.0
Perylene	15.321	24.4	ng	562681	6	15.445	461617	20.0