LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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: BF134961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	41	49	56	rVB	51182	75107	3.64%	0.205%
2	5.416	562	566	569	rVV	1536713	1311328	63.49%	3.587%
3	6.422	733	737	742	rVV	1520385	1459248	70.65%	3.991%
4	6.616	767	770	774	rBV2	56233	80081	3.88%	0.219%
5	6.787	796	799	806	rVB	747883	673275	32.60%	1.842%
6	7.351	891	895	898	rVV	1329247	1074374	52.02%	2.939%
7	8.069	1012	1017	1019	rVV	1056834	914915	44.30%	2.503%
8	8.086	1019	1020	1024	rVV	185527	156316	7.57%	0.428%
9	8.133	1024	1028	1031	rVB	67503	65288	3.16%	0.179%
10	8.492	1085	1089	1093	rVV	138843	126528	6.13%	0.346%
11	8.663	1115	1118	1121	rBV	123197	92842	4.49%	0.254%
12	8.781	1136	1138	1141	rVB	181640	135135	6.54%	0.370%
13	8.880	1152	1155	1158	rBV	163012	123749	5.99%	0.338%
14	9.092	1188	1191	1195	rVB	82315	67753	3.28%	0.185%
15	9.145	1196	1200	1203	rBV	2405636	1916814	92.80%	5.243%
16	9.228	1212	1214	1219	rBV2	133008	132855	6.43%	0.363%
17	9.416	1241	1246	1249	rVB3	60613	83356	4.04%	0.228%
18	9.480	1255	1257	1260	rVV	131720	133468	6.46%	0.365%
19	9.510	1260	1262	1264	rVV	123788	94565	4.58%	0.259%
20	9.551	1267	1269	1271	rVV	123384	92096	4.46%	0.252%
21	9.598	1275	1277	1282	rVB2	64712	77841	3.77%	0.213%
22	9.686	1289	1292	1296	rVB	200302	160051	7.75%	0.438%
23	9.763	1302	1305	1309	rVB	129573	107033	5.18%	0.293%
24	9.827	1309	1316	1319	rBV	1109302	980073	47.45%	2.681%
25	9.857	1319	1321	1325	rVB3	84979	82954	4.02%	0.227%
26	10.027	1347	1350	1354	rBV	132327	130031	6.30%	0.356%
27	10.145	1367	1370	1372	rBV	73830	65728	3.18%	0.180%
28	10.233	1382	1385	1387	rVV2	90238	84851	4.11%	0.232%
29	10.263	1387	1390	1393	rVB2	129844	109162	5.29%	0.299%
30	10.369	1405	1408	1411	rBV2	100075	92928	4.50%	0.254%
31	10.533	1432	1436	1439	rVB2	88059	82494	3.99%	0.226%
32	10.616	1446	1450	1454	rVV	1320616	1152362	55.79%	3.152%
33	10.663	1454	1458	1461	rVB3	45923	65705	3.18%	0.180%
34	10.751	1468	1473	1479	rBV3	215858	329170	15.94%	0.900%
35	11.057	1522	1525	1527	rBV2	74843	77407	3.75%	0.212%
36	11.122	1534	1536	1540	rVV2	81266	72979	3.53%	0.200%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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	11.169	1540	1544	1545	rVV2	62848	68810	3.33%	0.188%
38	11.192	1545	1548	1550	rVV	150030	143487	6.95%	0.392%
39	11.216	1550	1552	1557	rVB3	87444	92643	4.49%	0.253%
40	11.322	1566	1570	1572	rBV	1143451	1016763	49.23%	2.781%
41	11.345	1572	1574	1577	rVV	679454	523499	25.35%	1.432%
42	11.392	1580	1582	1585	rVB	110048	91051	4.41%	0.249%
43	11.427	1585	1588	1592	rBV2	70062	73810	3.57%	0.202%
44	11.551	1604	1609	1611	rBV	138426	126658	6.13%	0.346%
45	11.621	1618	1621	1624	rVB	135854	107451	5.20%	0.294%
46	11.821	1652	1655	1657	rVV	165761	163118	7.90%	0.446%
47	11.857	1657	1661	1666	rVV2	689474	775601	37.55%	2.121%
48	11.898	1666	1668	1670	rVV2	69345	67049	3.25%	0.183%
49	11.933	1671	1674	1676	rVV	296941	283721	13.74%	0.776%
50	11.957	1676	1678	1683	rVB	165531	143976	6.97%	0.394%
51	12.033	1688	1691	1693	rVV	161891	160193	7.76%	0.438%
52	12.121	1703	1706	1708	rVV	172113	146968	7.12%	0.402%
53	12.145	1708	1710	1715	rVB	140643	138382	6.70%	0.379%
54	12.274	1729	1732	1734	rVV	81509	82658	4.00%	0.226%
55	12.304	1734	1737	1739	rVV	105796	100107	4.85%	0.274%
56	12.327	1739	1741	1744	rVB	87193	65746	3.18%	0.180%
57	12.380	1746	1750	1753	rBV	225097	241789	11.71%	0.661%
58	12.416	1753	1756	1758	rVV2	154382	180265	8.73%	0.493%
59	12.463	1761	1764	1769	rVB	175109	161406	7.81%	0.441%
60	12.545	1773	1778	1781	rBV	1748648	1633070	79.07%	4.467%
61	12.645	1791	1795	1797	rBV2	151950	202238	9.79%	0.553%
62	12.774	1810	1817	1819	rBV	1609742	1780267	86.19%	4.869%
63	12.792	1819	1820	1823	rVV	158995	111591	5.40%	0.305%
64	12.827	1823	1826	1830	rVB2	108006	145238	7.03%	0.397%
65	12.886	1833	1836	1838	rBV2	111080	121567	5.89%	0.333%
66	12.916	1838	1841	1848	rVB	2225736	2065460	100.00%	5.650%
67	12.992	1849	1854	1857	rBV2	193667	291697	14.12%	0.798%
68	13.074	1865	1868	1870	rBV4	141719	172584	8.36%	0.472%
69	13.098	1870	1872	1875	rVB	236846	234873	11.37%	0.642%
70	13.168	1879	1884	1886	rVB2	131381	177218	8.58%	0.485%
71	13.204	1886	1890	1893	rBV2	266296	292986	14.19%	0.801%
72	13.298	1903	1906	1909	rVB	144467	119207	5.77%	0.326%
73	13.327	1909	1911	1915	rBV2	135992	129307	6.26%	0.354%
74	13.504	1935	1941	1943	rBV4	144594	225756	10.93%	0.617%
75	13.610	1957	1959	1964	rVB	258752	265825	12.87%	0.727%
76	13.721	1974	1978	1981	rBV2	194965	231456	11.21%	0.633%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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	13.751	1981	1983	1985	rVV	147634	113463	5.49%	0.310%
78	13.774	1985	1987	1989	rVV	171448	157913	7.65%	0.432%
79	13.821	1993	1995	2002	rVB2	341693	375508	18.18%	1.027%
80	13.974	2014	2021	2024	rBV2	1078468	1764383	85.42%	4.826%
81	14.004	2024	2026	2028	rVB	800604	599084	29.00%	1.639%
82	14.080	2037	2039	2041	rVB2	103471	80208	3.88%	0.219%
83	14.121	2044	2046	2048	rVV	66736	68065	3.30%	0.186%
84	14.151	2048	2051	2056	rVV6	105328	148451	7.19%	0.406%
85	14.239	2063	2066	2068	rBV	80226	79433	3.85%	0.217%
86	14.368	2085	2088	2091	rVB	223897	199546	9.66%	0.546%
87	14.404	2091	2094	2097	rVB2	149900	158555	7.68%	0.434%
88	14.457	2101	2103	2106	rVB2	122956	118173	5.72%	0.323%
89	14.492	2106	2109	2111	rBV2	118100	105197	5.09%	0.288%
90	14.674	2138	2140	2143	rBV2	72652	70552	3.42%	0.193%
91	15.027	2195	2200	2203	rBV	1134099	1717497	83.15%	4.698%
92	15.133	2215	2218	2221	rVB	220913	227157	11.00%	0.621%
93	15.333	2247	2252	2257	rVB	633284	909053	44.01%	2.486%
94	15.392	2258	2262	2267	rVB	871627	1064016	51.51%	2.910%
95	15.457	2268	2273	2276	rBV	578497	748537	36.24%	2.047%
96	15.486	2276	2278	2285	rVB2	280213	394546	19.10%	1.079%
97	16.951	2521	2527	2535	rVB2	458159	905569	43.84%	2.477%
98	17.133	2554	2558	2562	rVB	64866	107730	5.22%	0.295%
99	17.192	2563	2568	2573	rBV2	85965	158065	7.65%	0.432%
100	17.403	2598	2604	2614	rVB	314424	653716	31.65%	1.788%

Sum of corrected areas: 36559770

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
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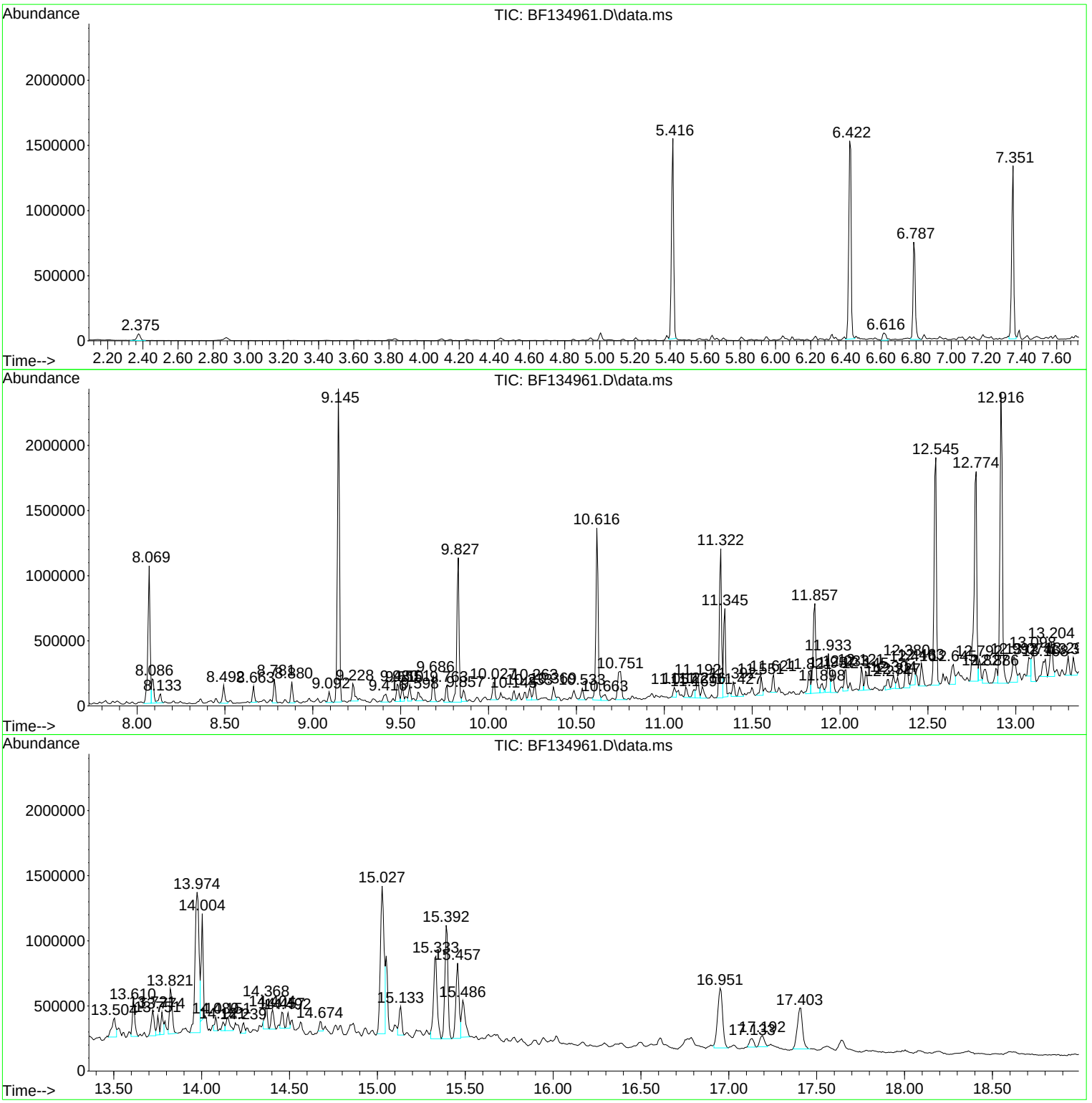
Misc :
ALS Vial : 6 Sample Multiplier: 1

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
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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

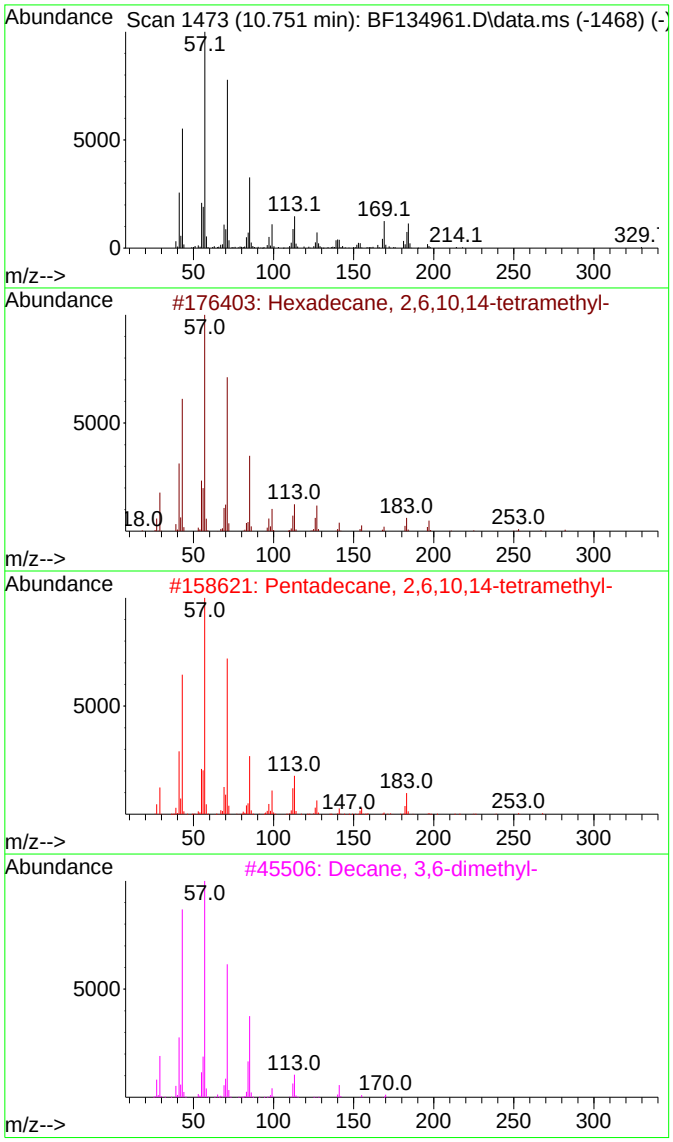
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

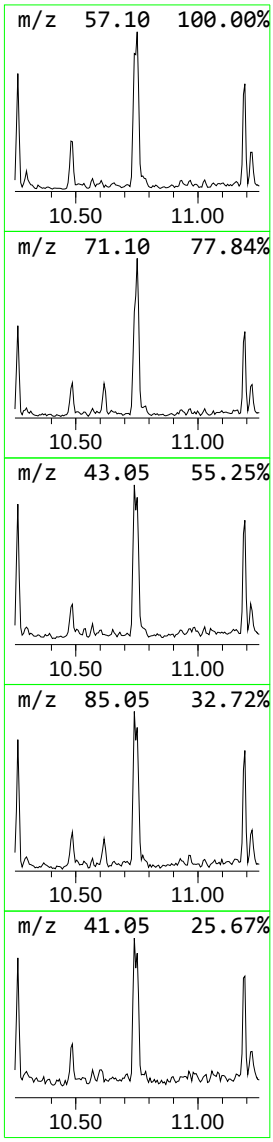
****

Peak Number 1 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	6.47 ng	329170	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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

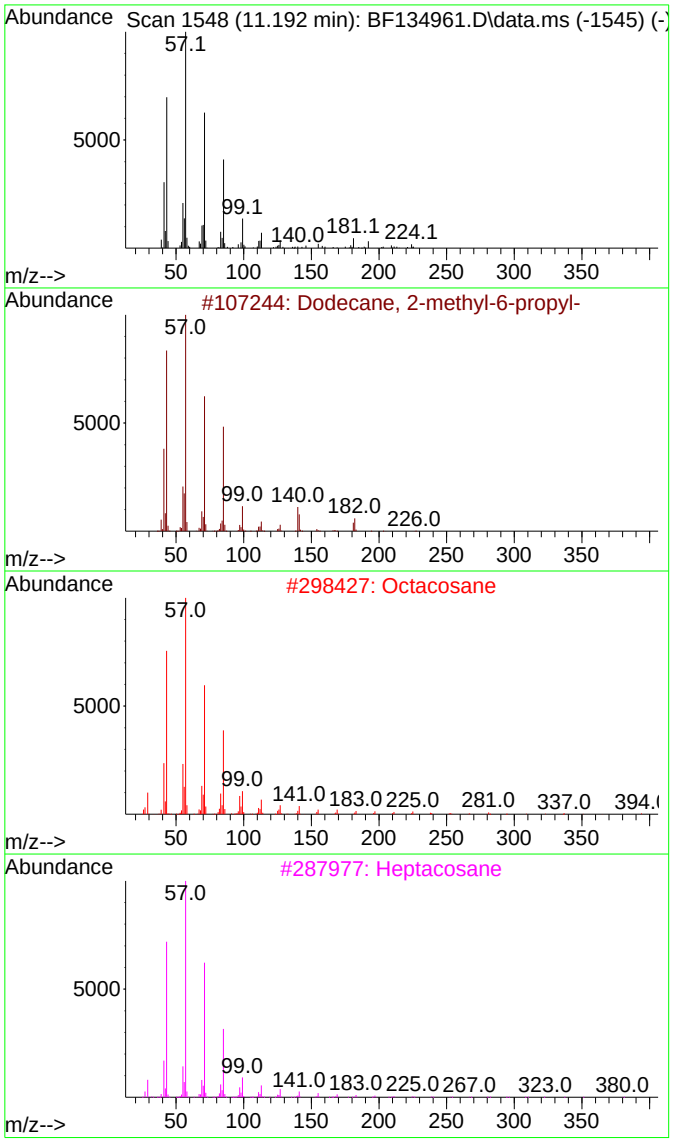
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

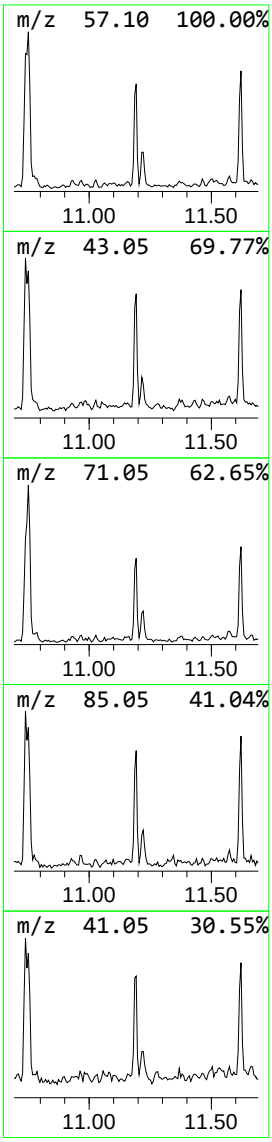
****

Peak Number 2 Dodecane, 2-methyl-6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	2.82 ng	143487	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Hexacosane	366	C26H54	000630-01-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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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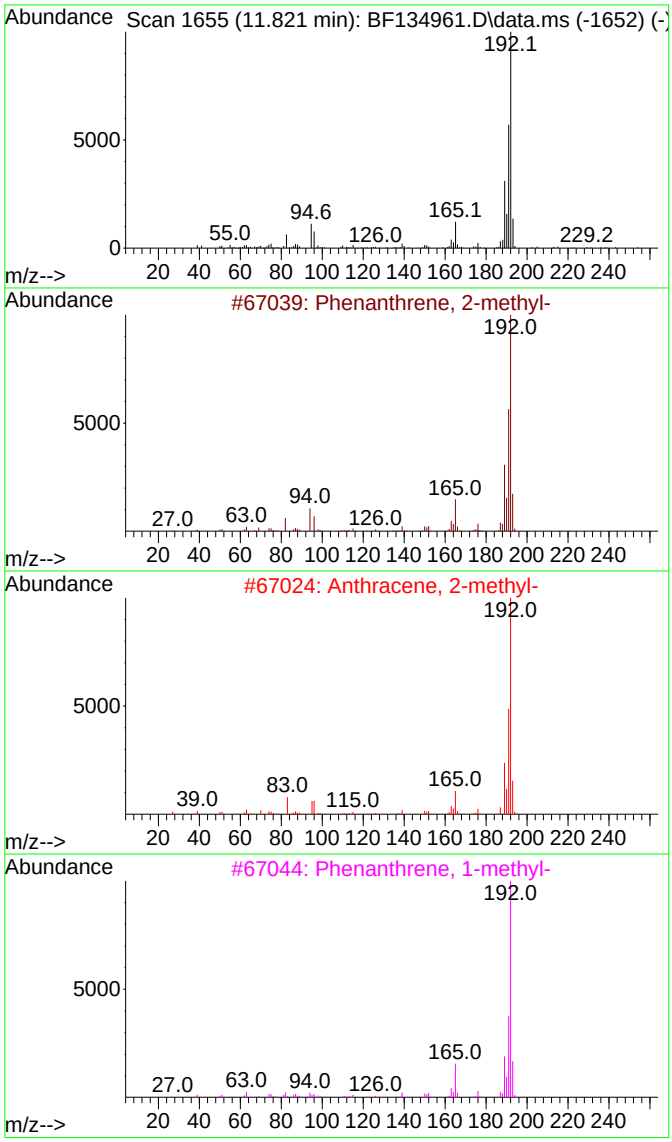
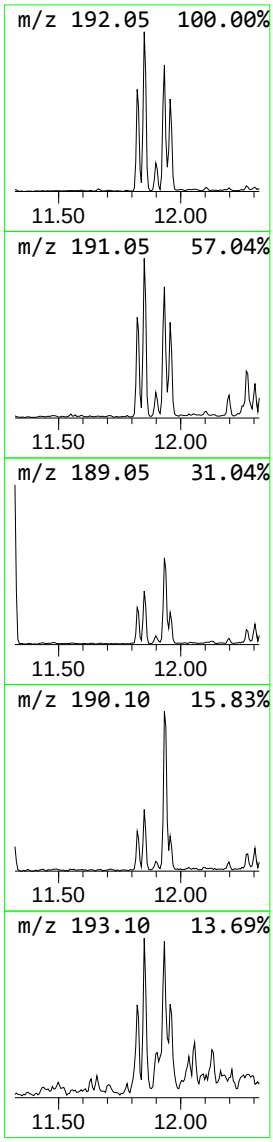
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.21 ng	163118	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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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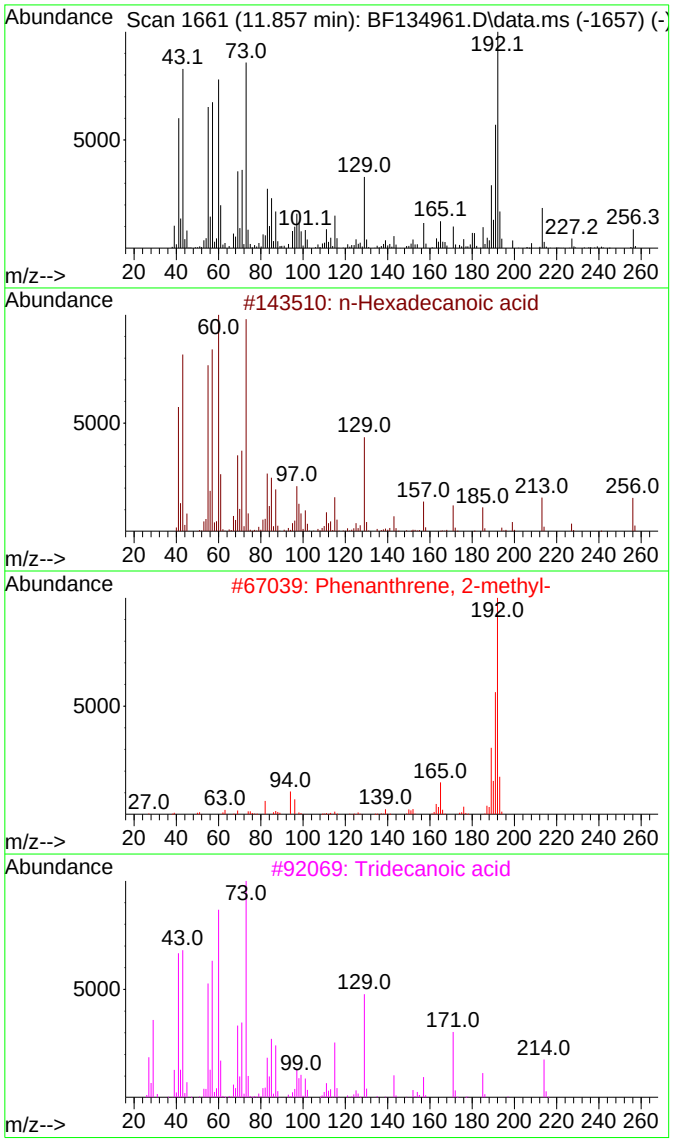
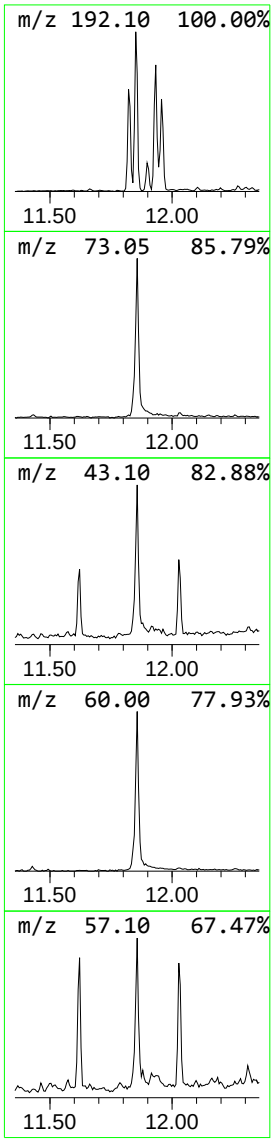
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	15.26 ng	775601	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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

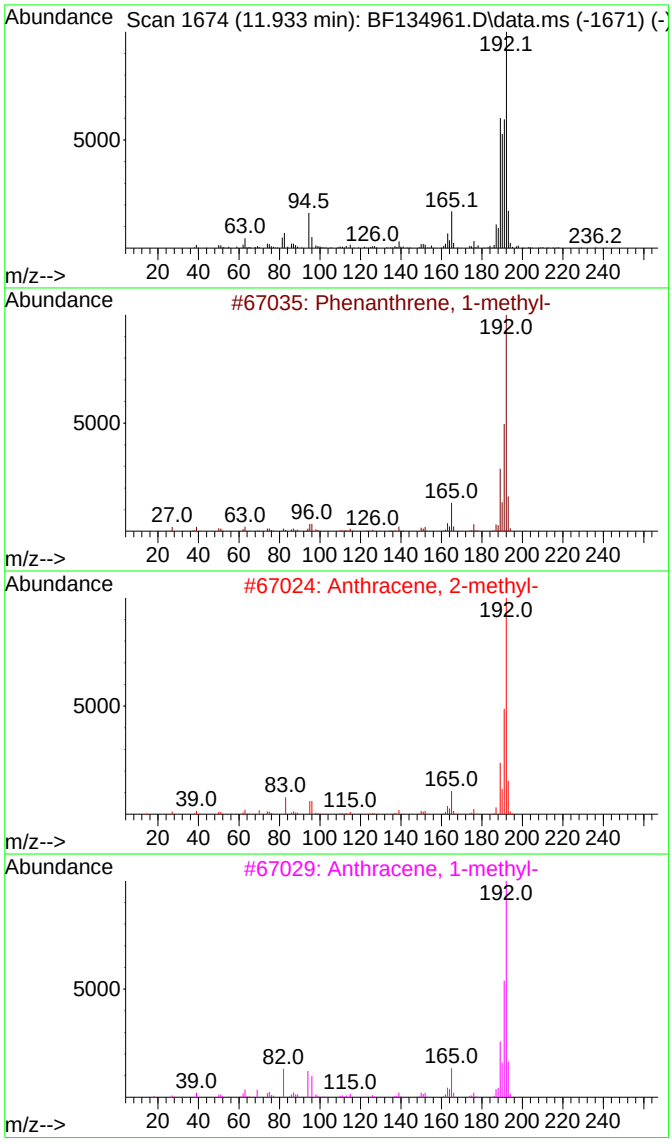
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

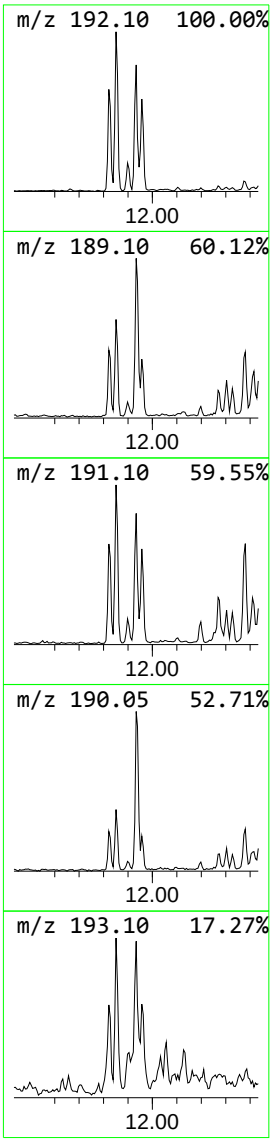
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.58 ng	283721	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





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Acq On : 28 Aug 2023 11:12
Operator : CG\JU
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Misc :
ALS Vial : 6 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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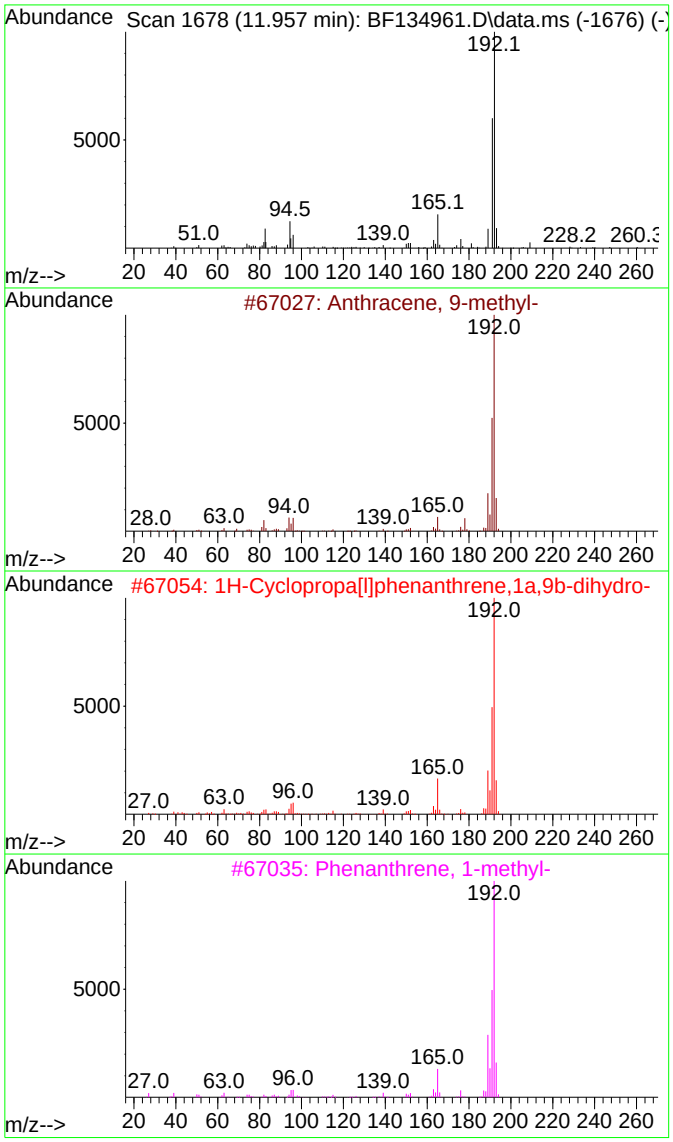
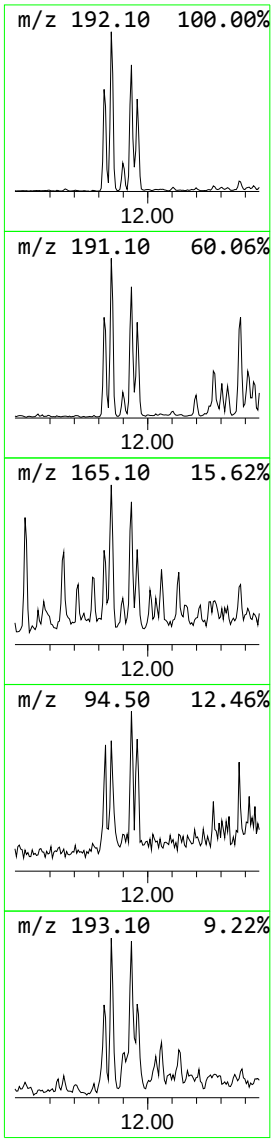
Peak Number 6 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	2.83 ng	143976	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72





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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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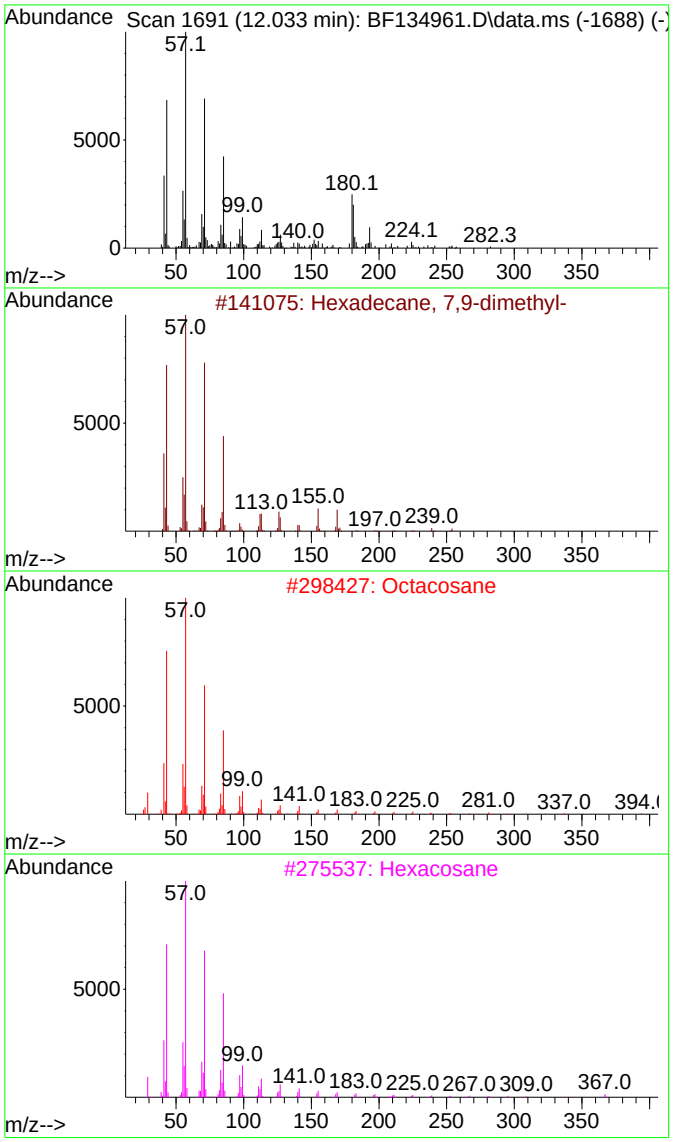
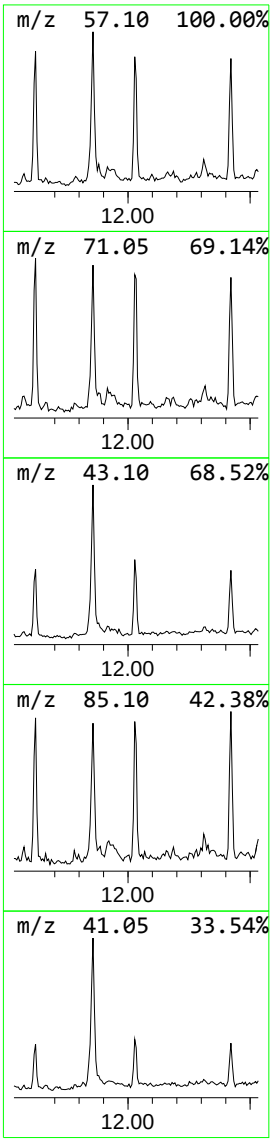
Peak Number 7 Hexadecane, 7,9-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	3.15 ng	160193	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78
2	Octacosane	394	C28H58	000630-02-4	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	60
5	Hentriacontane	437	C31H64	000630-04-6	58





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ALS Vial : 6 Sample Multiplier: 1

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

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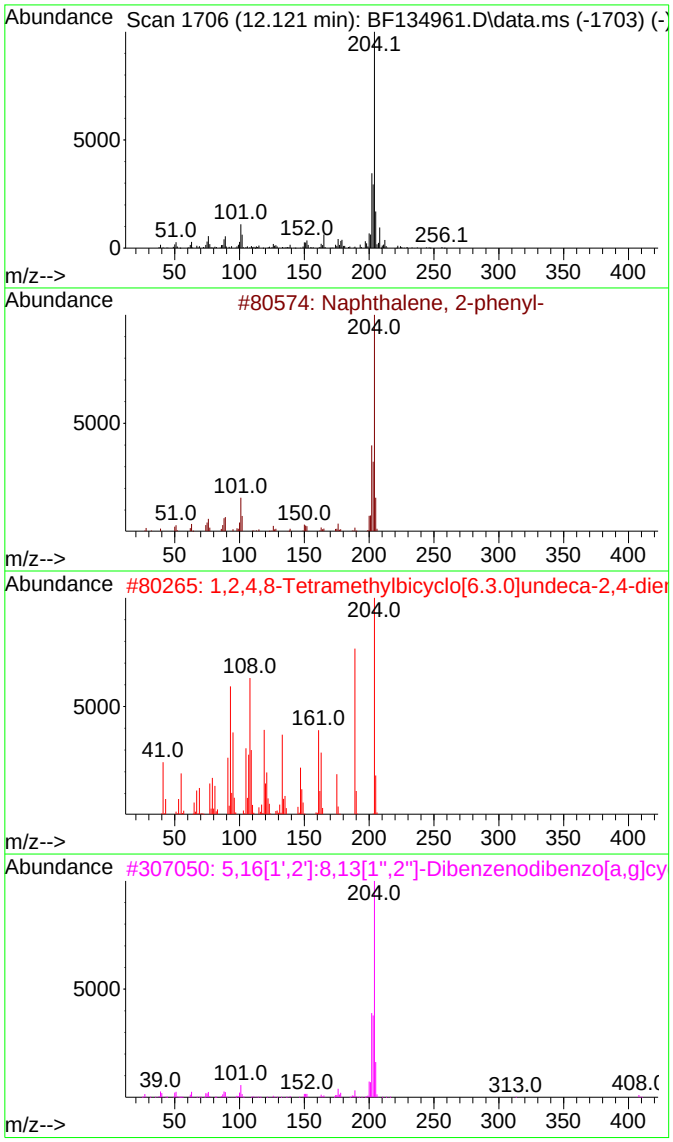
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

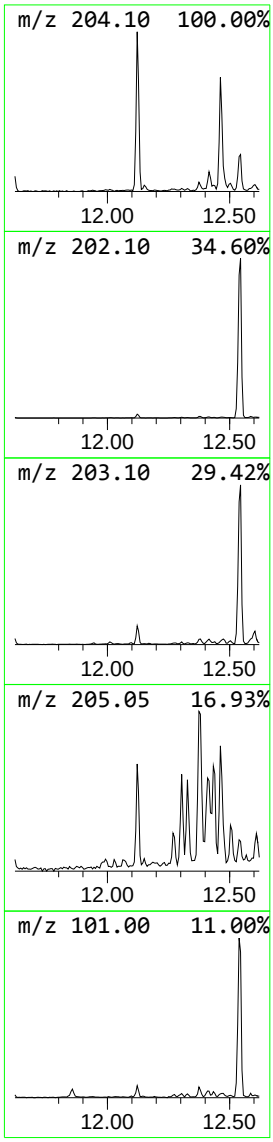
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	2.89 ng	146968	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	60





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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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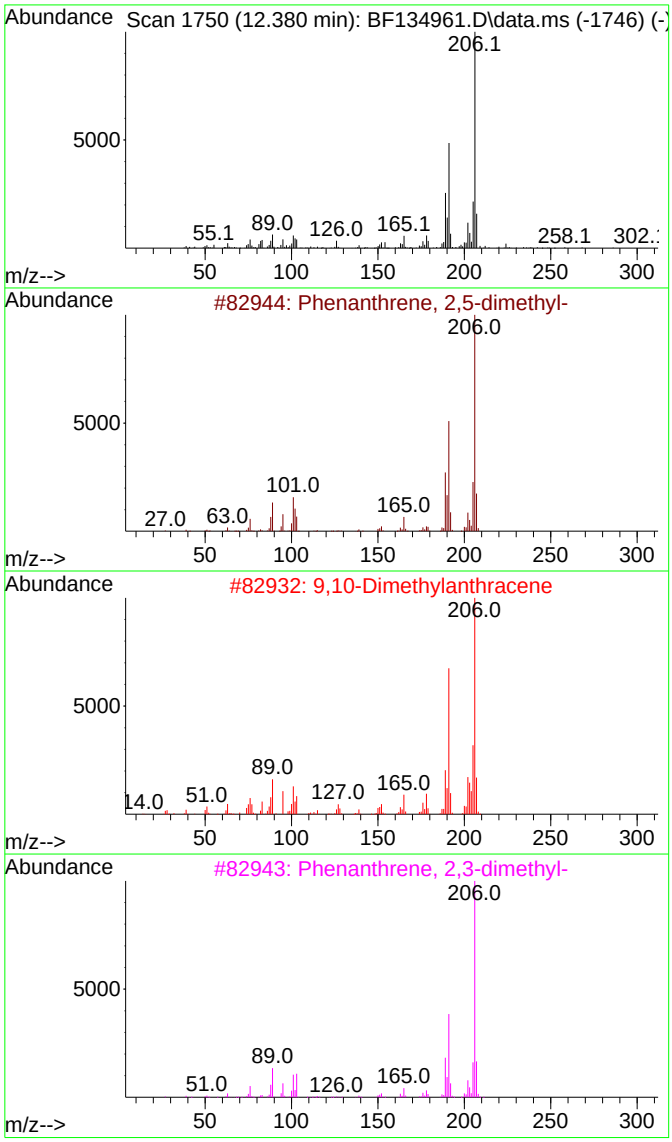
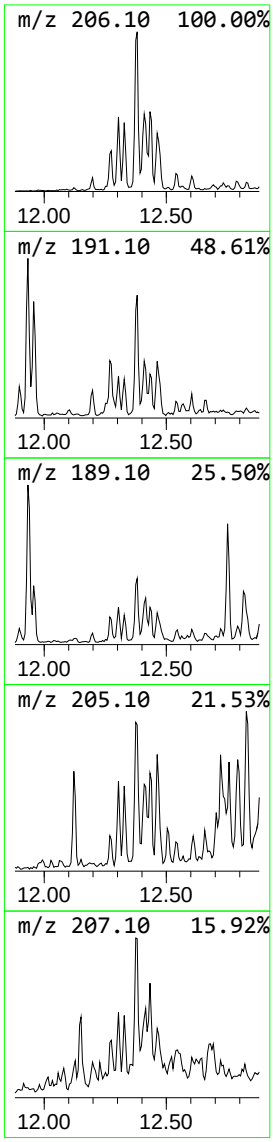
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	4.76 ng	241789	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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ALS Vial : 6 Sample Multiplier: 1

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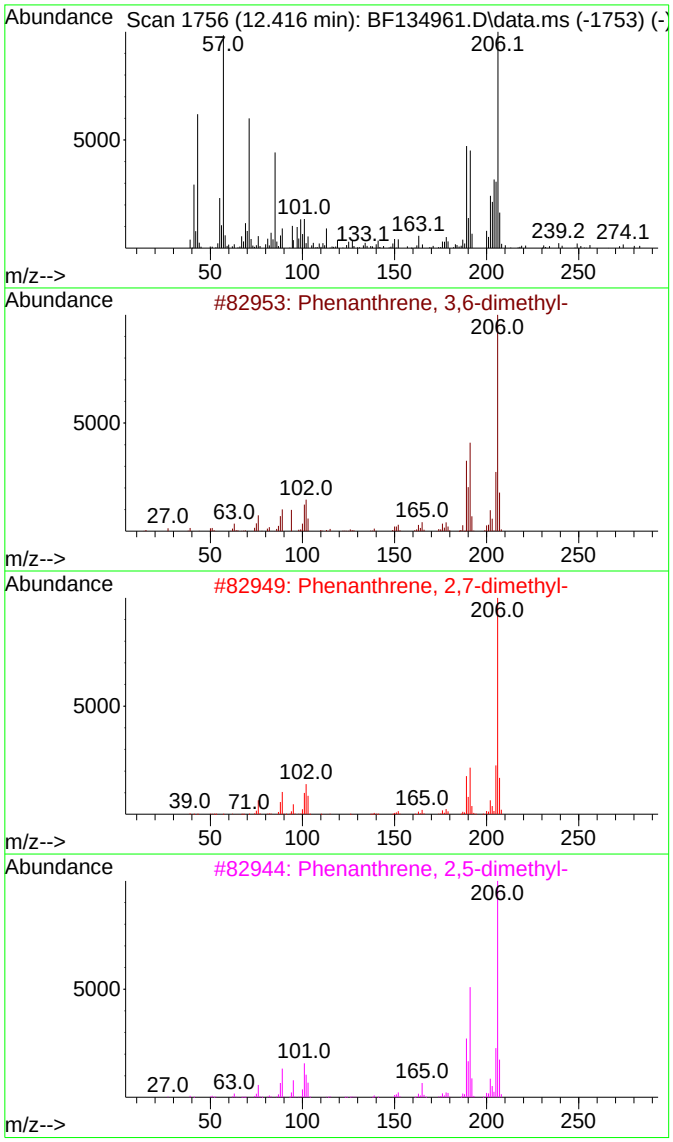
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

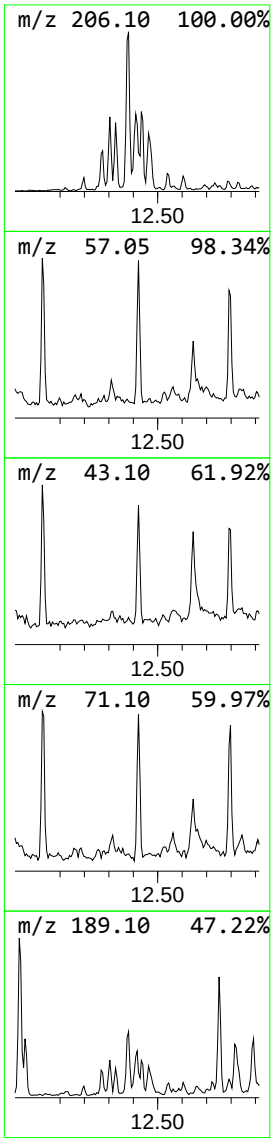
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.55 ng	180265	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	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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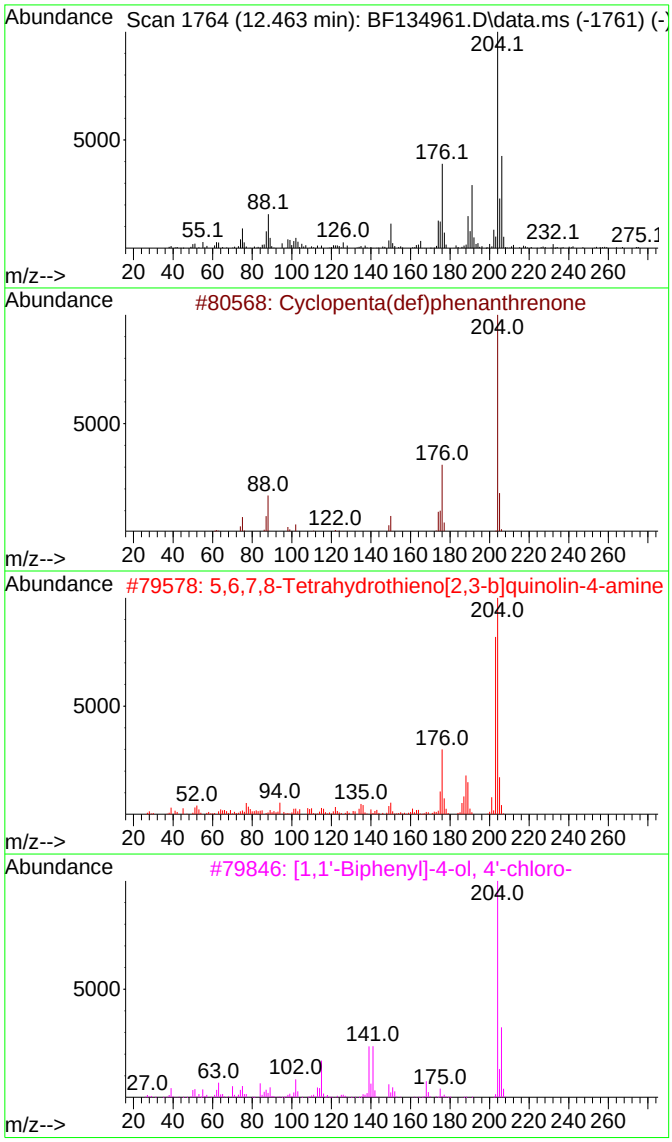
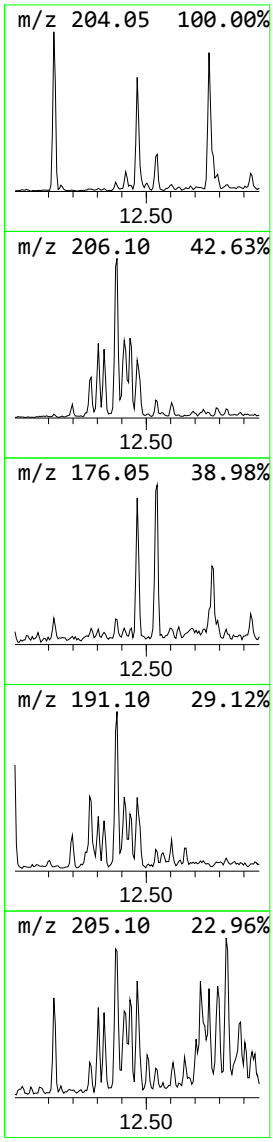
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.17 ng	161406	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	58
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	43





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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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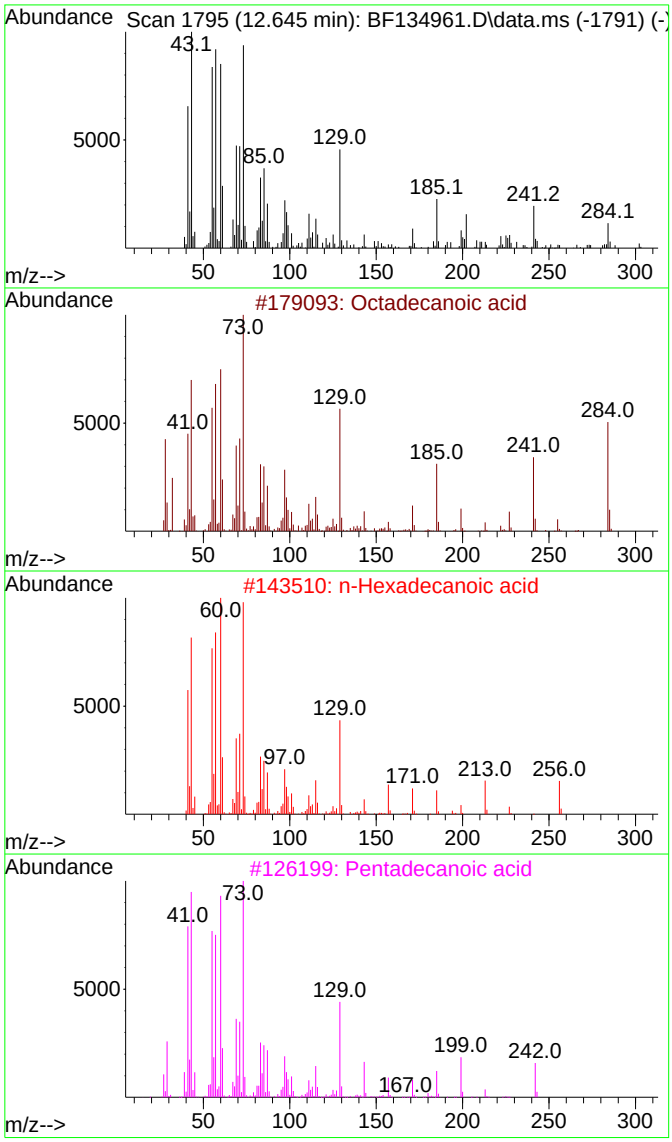
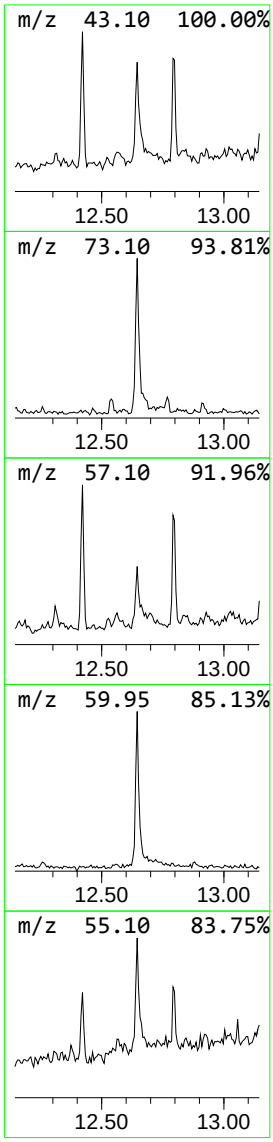
Peak Number 12 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	3.98 ng	202238	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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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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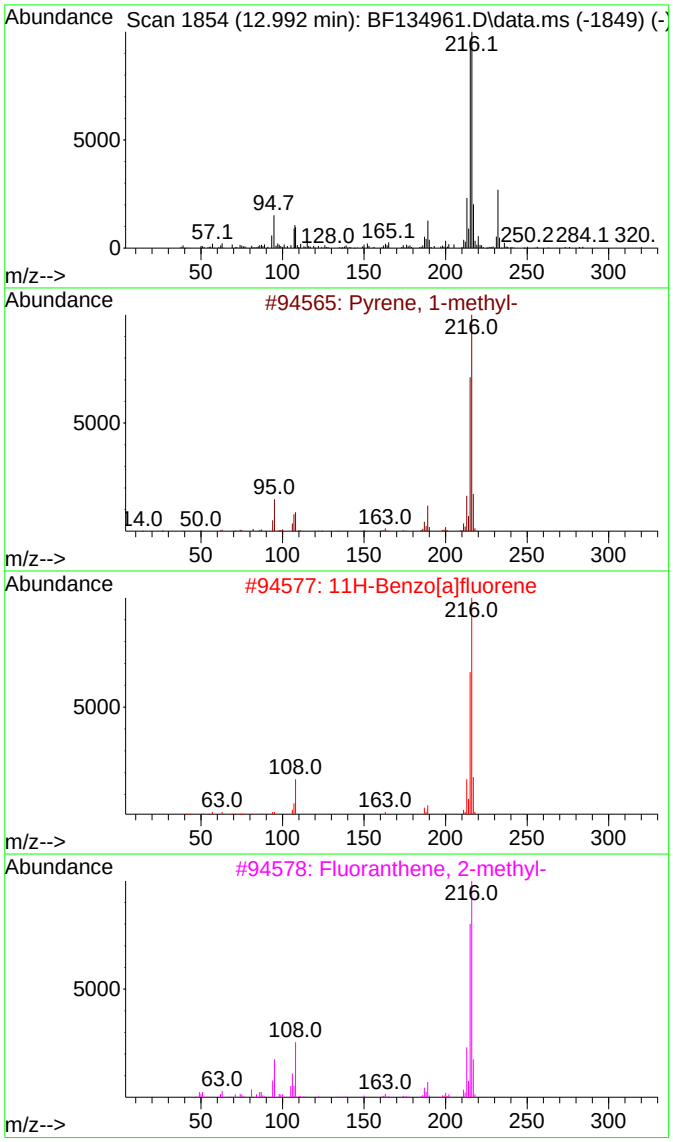
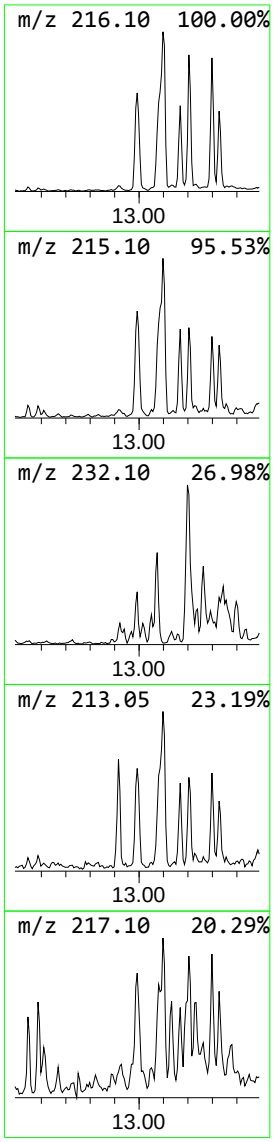
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	3.31 ng	291697	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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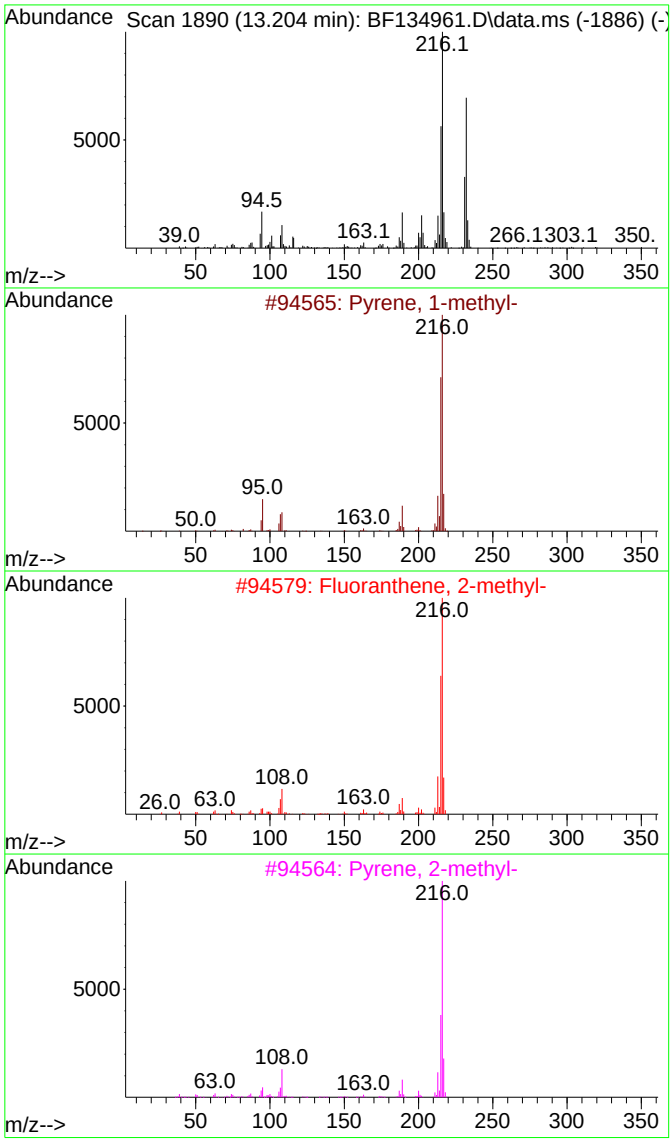
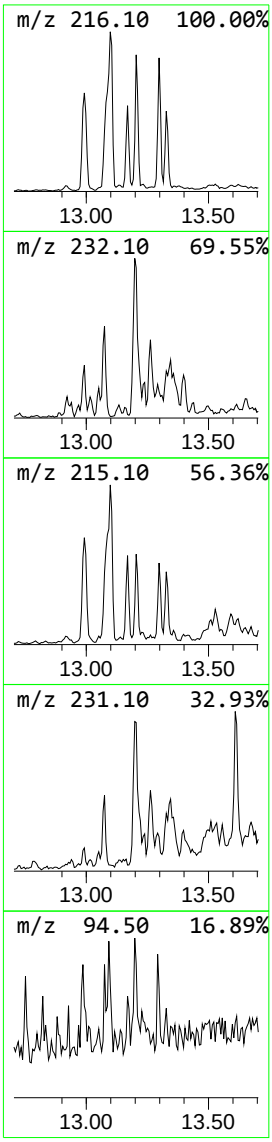
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.32 ng	292986	Chrysene-d12	13.980

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	78
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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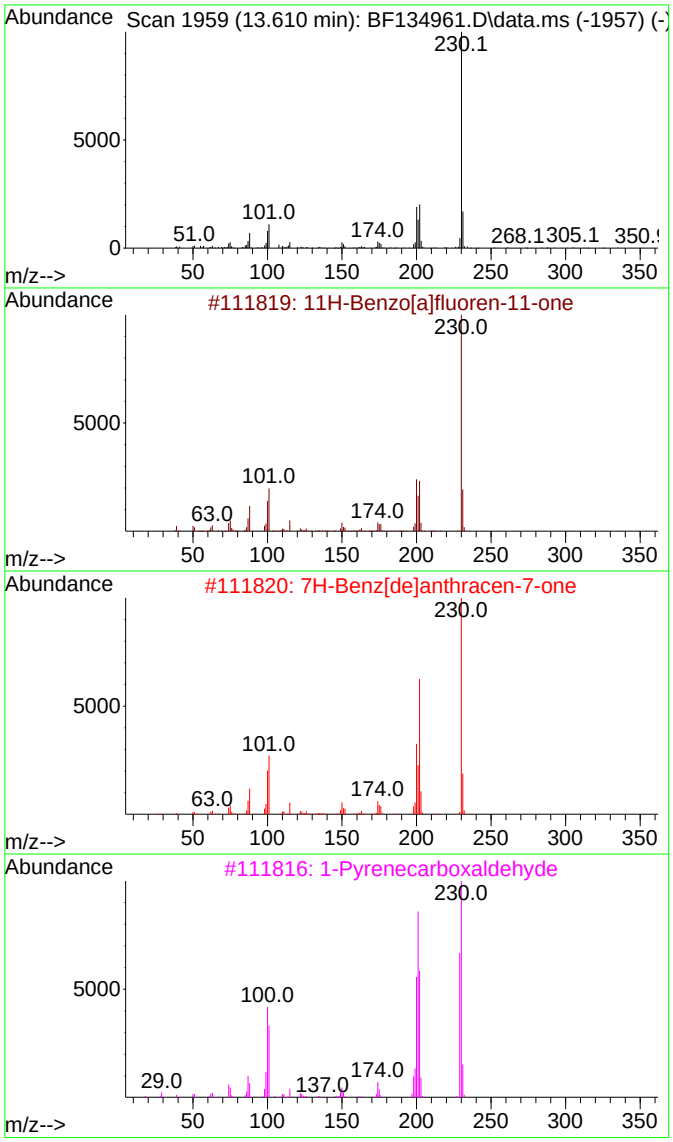
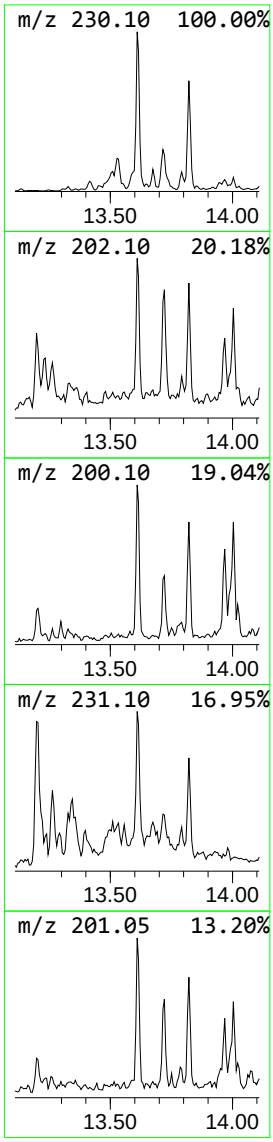
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	3.01 ng	265825	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	o-Terphenyl	230	C18H14	000084-15-1	53
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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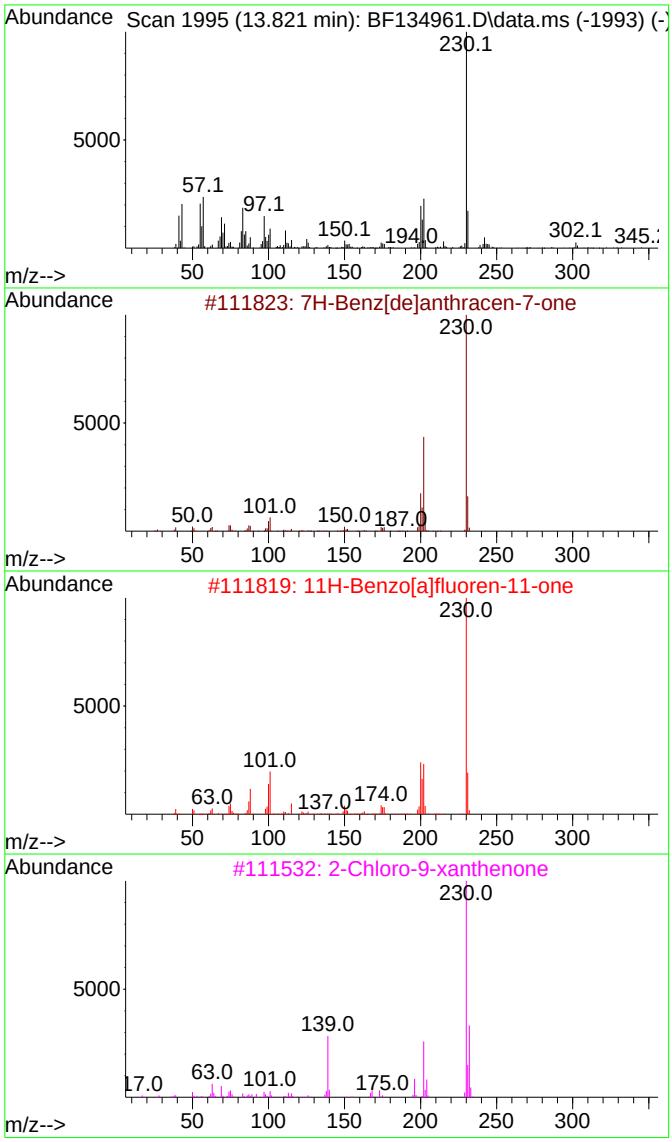
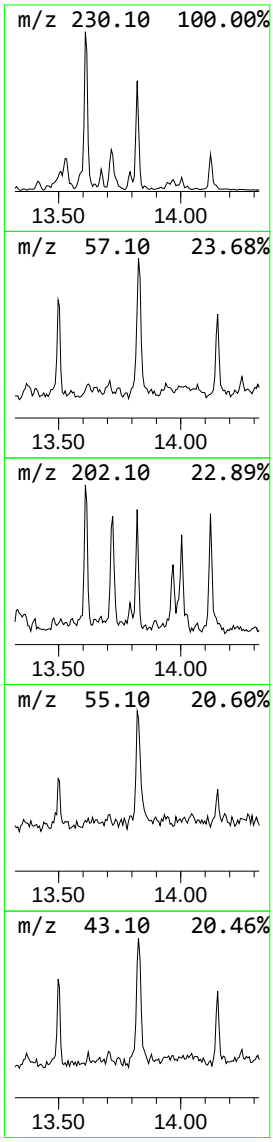
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	4.26 ng	375508	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
3	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	50
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	50





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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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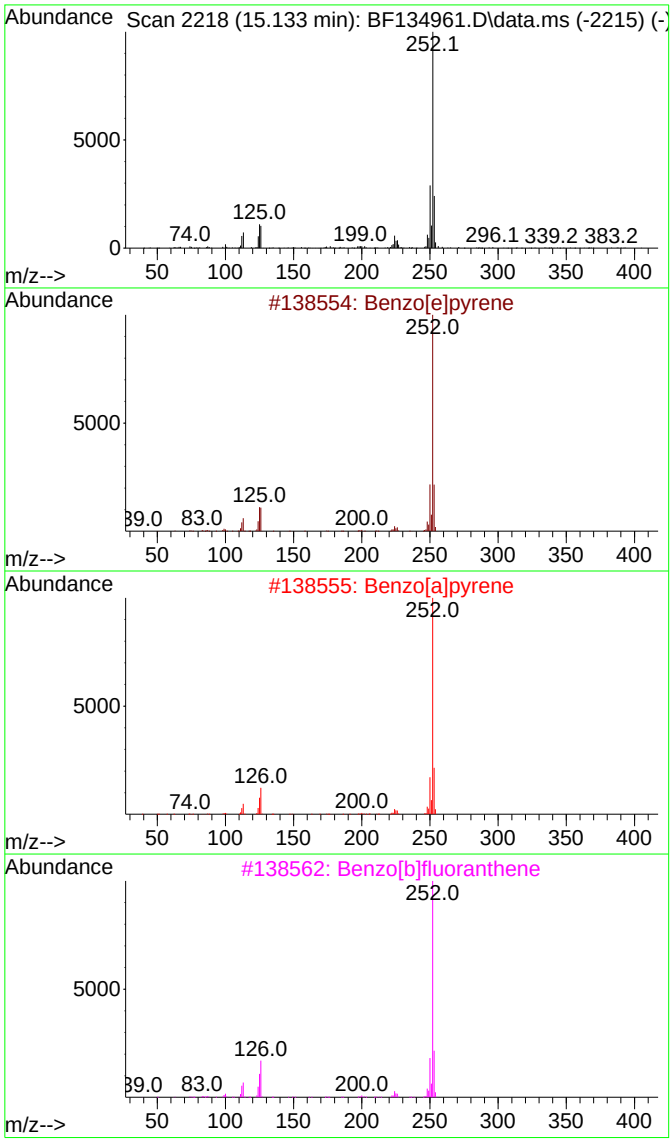
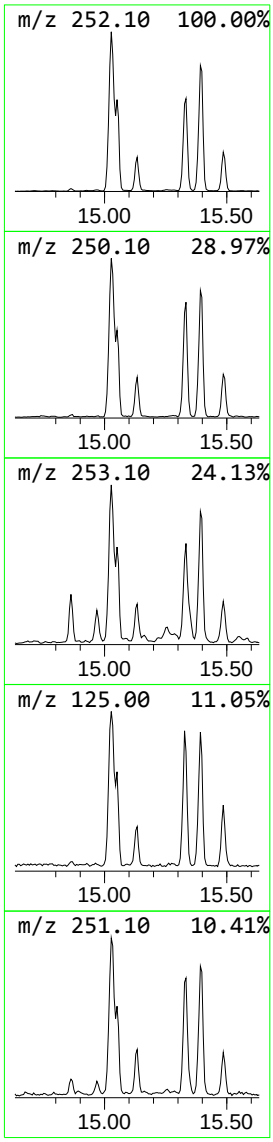
Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	6.07 ng	227157	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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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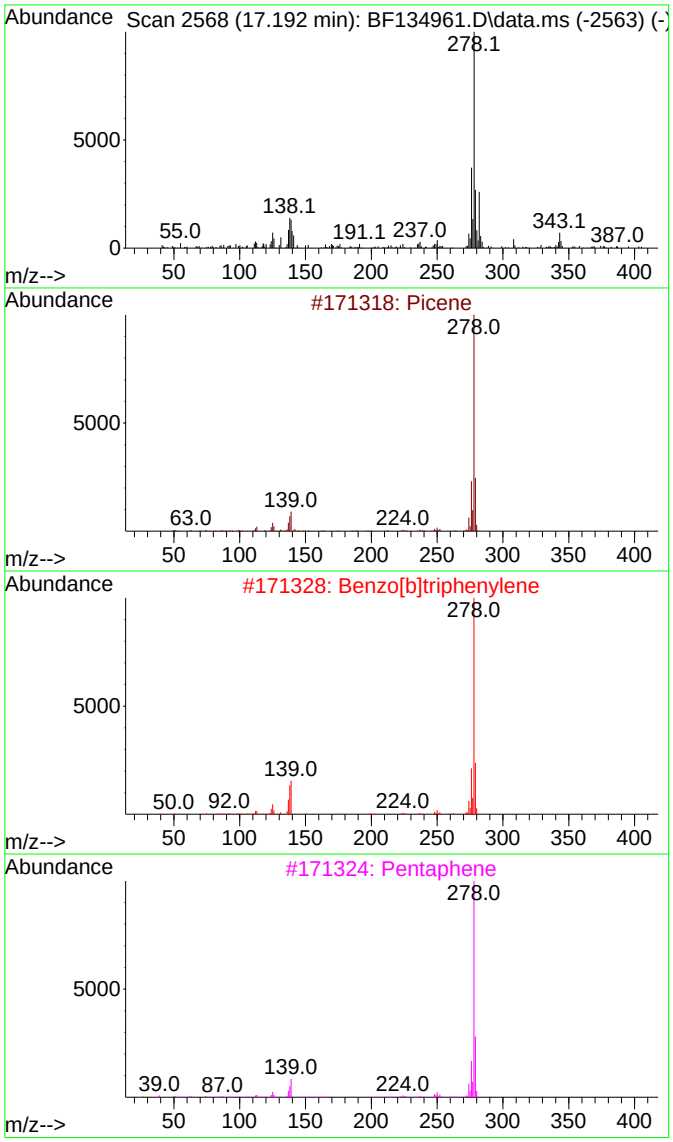
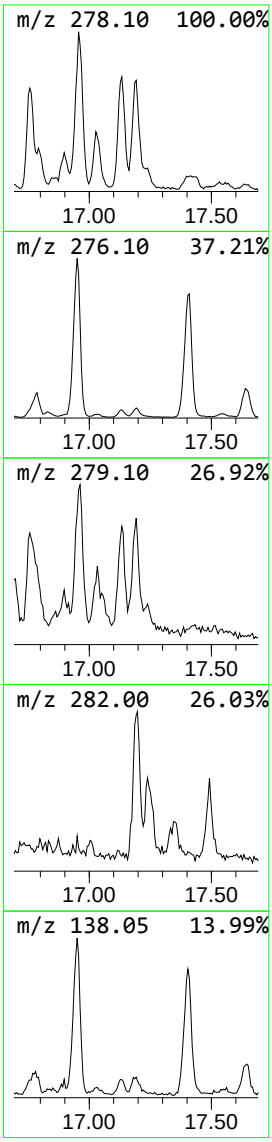
Peak Number 20 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.192	4.22 ng	158065	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Pentaphene	278	C22H14	000222-93-5	91
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
5	Pentacene	278	C22H14	000135-48-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134961.D
Acq On : 28 Aug 2023 11:12
Operator : CG\JU
Sample : 04110-12
Misc :
ALS Vial : 6 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
Hexadecane, 2,6...	10.751	6.5	ng	329170	4	11.322	1016760	20.0
Dodecane, 2-met...	11.192	2.8	ng	143487	4	11.322	1016760	20.0
Phenanthrene, 2...	11.822	3.2	ng	163118	4	11.322	1016760	20.0
n-Hexadecanoic ...	11.857	15.3	ng	775601	4	11.322	1016760	20.0
Phenanthrene, 1...	11.933	5.6	ng	283721	4	11.322	1016760	20.0
Anthracene, 9-m...	11.957	2.8	ng	143976	4	11.322	1016760	20.0
Hexadecane, 7,9...	12.033	3.1	ng	160193	4	11.322	1016760	20.0
Naphthalene, 2-...	12.121	2.9	ng	146968	4	11.322	1016760	20.0
Phenanthrene, 2...	12.380	4.8	ng	241789	4	11.322	1016760	20.0
Phenanthrene, 3...	12.416	3.5	ng	180265	4	11.322	1016760	20.0
Cyclopenta(def)...	12.463	3.2	ng	161406	4	11.322	1016760	20.0
Octadecanoic acid	12.645	4.0	ng	202238	4	11.322	1016760	20.0
Pyrene, 1-methyl-	12.992	3.3	ng	291697	5	13.980	1764380	20.0
Fluoranthene, 2...	13.204	3.3	ng	292986	5	13.980	1764380	20.0
11H-Benzo[a]flu...	13.610	3.0	ng	265825	5	13.980	1764380	20.0
7H-Benz[de]anth...	13.821	4.3	ng	375508	5	13.980	1764380	20.0
Benzo[e]pyrene	15.133	6.1	ng	227157	6	15.457	748537	20.0
Picene	17.192	4.2	ng	158065	6	15.457	748537	20.0