LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	465	468	476	rVB	26121	33608	1.25%	0.115%
2	5.457	536	539	552	rBV	2513458	2457579	91.30%	8.445%
3	6.481	709	713	723	rVB	2395551	2425252	90.10%	8.334%
4	6.810	765	769	772	rBV	654364	493346	18.33%	1.695%
5	7.381	857	866	869	rBV	1698278	1619889	60.18%	5.566%
6	8.092	981	987	990	rBV	693154	590319	21.93%	2.029%
7	8.804	1106	1108	1112	rVB	75211	62078	2.31%	0.213%
8	8.904	1121	1125	1129	rBV	86575	79785	2.96%	0.274%
9	9.175	1166	1171	1174	rBV	3379809	2691637	100.00%	9.249%
10	9.286	1186	1190	1192	rVB3	59510	62445	2.32%	0.215%
11	9.439	1210	1216	1219	rBV2	49575	71184	2.64%	0.245%
12	9.510	1225	1228	1230	rBV	87862	78993	2.93%	0.271%
13	9.533	1230	1232	1234	rBV	44261	32432	1.20%	0.111%
14	9.627	1245	1248	1253	rVB	46147	51213	1.90%	0.176%
15	9.710	1259	1262	1266	rBV	135872	112731	4.19%	0.387%
16	9.780	1272	1274	1277	rVB	47055	33701	1.25%	0.116%
17	9.827	1279	1282	1283	rVV3	38507	34250	1.27%	0.118%
18	9.851	1283	1286	1289	rVV	703310	554487	20.60%	1.905%
19	9.880	1289	1291	1294	rVB	157469	130803	4.86%	0.449%
20	9.957	1300	1304	1307	rBV4	29691	38716	1.44%	0.133%
21	9.986	1307	1309	1311	rVV3	40694	37504	1.39%	0.129%
22	10.051	1315	1320	1324	rVB	114553	126452	4.70%	0.435%
23	10.092	1324	1327	1332	rBV2	43194	40471	1.50%	0.139%
24	10.163	1336	1339	1342	rBV2	45416	59680	2.22%	0.205%
25	10.257	1351	1355	1357	rBV3	28974	39921	1.48%	0.137%
26	10.280	1357	1359	1361	rVB2	72167	53335	1.98%	0.183%
27	10.398	1376	1379	1385	rVB	216990	190154	7.06%	0.653%
28	10.504	1395	1397	1402	rVB4	37667	37194	1.38%	0.128%
29	10.551	1403	1405	1409	rVB	46217	41570	1.54%	0.143%
30	10.645	1417	1421	1424	rVB	1608856	1352557	50.25%	4.648%
31	10.757	1437	1440	1444	rBV2	87937	135153	5.02%	0.464%
32	10.945	1468	1472	1474	rBV2	63135	73060	2.71%	0.251%
33	10.974	1474	1477	1480	rVB2	41659	42402	1.58%	0.146%
34	11.139	1503	1505	1510	rVB2	49198	47199	1.75%	0.162%
35	11.204	1511	1516	1518	rVV2	78212	90955	3.38%	0.313%
36	11.233	1518	1521	1526	rVB	161518	148325	5.51%	0.510%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.339	1535	1539	1541	rBV	613636	538175	19.99%	1.849%
38	11.363	1541	1543	1546	rVV	1132115	889071	33.03%	3.055%
39	11.416	1549	1552	1554	rVB	259212	218775	8.13%	0.752%
40	11.451	1554	1558	1560	rBV2	49681	57553	2.14%	0.198%
41	11.574	1576	1579	1583	rBV	82586	95399	3.54%	0.328%
42	11.633	1586	1589	1591	rVV2	85385	75318	2.80%	0.259%
43	11.669	1592	1595	1601	rVB	90371	85598	3.18%	0.294%
44	11.751	1607	1609	1612	rVB	59121	60012	2.23%	0.206%
45	11.839	1621	1624	1627	rBV	219789	201641	7.49%	0.693%
46	11.869	1627	1629	1634	rVV2	431039	382200	14.20%	1.313%
47	11.916	1634	1637	1640	rVV	83709	79363	2.95%	0.273%
48	11.951	1640	1643	1646	rVV	336634	373676	13.88%	1.284%
49	11.974	1646	1647	1651	rVB	169822	103916	3.86%	0.357%
50	12.039	1655	1658	1661	rVV2	68121	67399	2.50%	0.232%
51	12.074	1661	1664	1666	rVB	49878	41999	1.56%	0.144%
52	12.133	1672	1674	1677	rBV2	107459	110339	4.10%	0.379%
53	12.163	1677	1679	1682	rVB2	113175	102423	3.81%	0.352%
54	12.268	1694	1697	1698	rBV	52267	48900	1.82%	0.168%
55	12.286	1698	1700	1702	rVV	65501	48460	1.80%	0.167%
56	12.316	1702	1705	1707	rVV	102681	91743	3.41%	0.315%
57	12.339	1707	1709	1712	rVB2	76571	64677	2.40%	0.222%
58	12.392	1714	1718	1721	rBV	243842	282823	10.51%	0.972%
59	12.427	1721	1724	1726	rVV3	164105	170090	6.32%	0.584%
60	12.474	1730	1732	1736	rVB2	82225	82302	3.06%	0.283%
61	12.557	1742	1746	1749	rBV	1202930	988592	36.73%	3.397%
62	12.598	1749	1753	1755	rVV2	46902	43300	1.61%	0.149%
63	12.657	1759	1763	1765	rBV2	100315	124544	4.63%	0.428%
64	12.704	1769	1771	1774	rBV2	69623	71515	2.66%	0.246%
65	12.786	1779	1785	1790	rBV	1166422	1235515	45.90%	4.246%
66	12.839	1791	1794	1797	rVB3	88620	102785	3.82%	0.353%
67	12.933	1806	1810	1813	rBV	2403540	2275482	84.54%	7.819%
68	13.004	1818	1822	1829	rBV5	103214	177003	6.58%	0.608%
69	13.057	1829	1831	1834	rBV2	56611	49533	1.84%	0.170%
70	13.092	1834	1837	1838	rBV2	90557	107133	3.98%	0.368%
71	13.110	1838	1840	1844	rVB	230700	207555	7.71%	0.713%
72	13.157	1846	1848	1850	rBV2	74642	68947	2.56%	0.237%
73	13.180	1850	1852	1854	rVB	146095	104094	3.87%	0.358%
74	13.215	1855	1858	1862	rBV2	178376	179521	6.67%	0.617%
75	13.310	1871	1874	1876	rVB	138507	106262	3.95%	0.365%
76	13.339	1876	1879	1882	rBV	132366	127318	4.73%	0.438%

LSC Area Percent Report

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Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.498	1904	1906	1909	rBV	89701	80807	3.00%	0.278%
78	13.733	1944	1946	1949	rVB	104977	87393	3.25%	0.300%
79	13.833	1960	1963	1967	rBV2	202632	261079	9.70%	0.897%
80	13.980	1984	1988	1991	rBV2	580989	827284	30.74%	2.843%
81	14.010	1991	1993	1996	rVB	329804	255222	9.48%	0.877%
82	14.086	2001	2006	2009	rVV3	300466	375771	13.96%	1.291%
83	14.380	2053	2056	2059	rVB2	314738	281806	10.47%	0.968%
84	14.621	2093	2097	2100	rVB	1937117	1856863	68.99%	6.381%
85	15.027	2163	2166	2173	rVB	224617	418002	15.53%	1.436%
86	15.457	2236	2239	2242	rBV	211352	245214	9.11%	0.843%

Sum of corrected areas: 29100772

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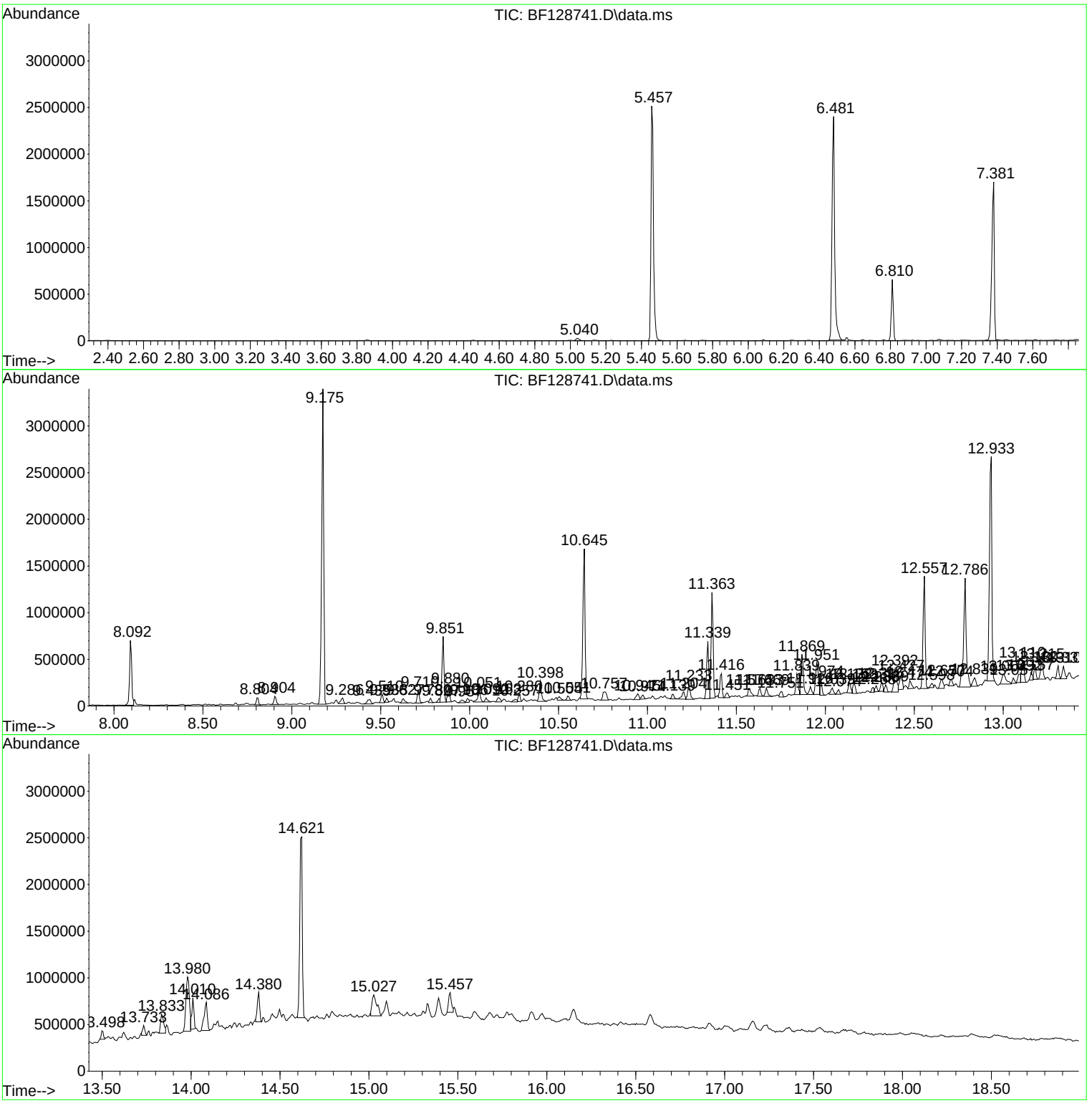
Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

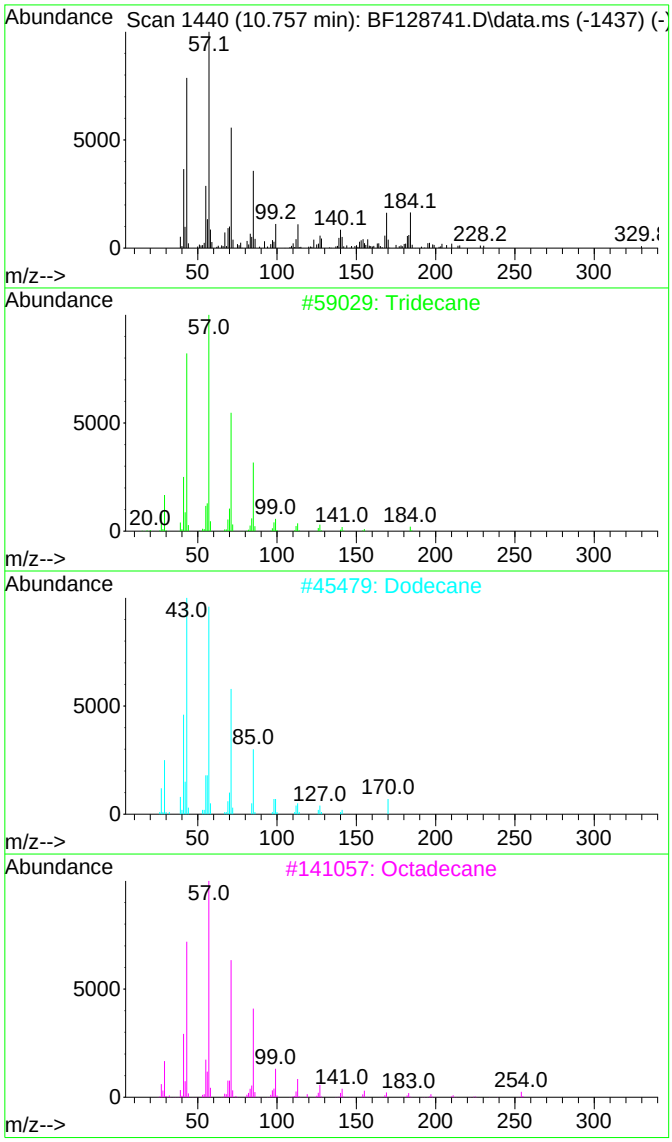
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

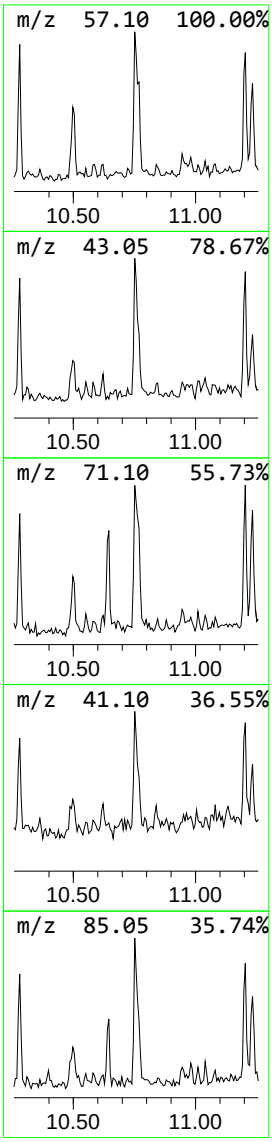
****

Peak Number 1 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	5.02 ng	135153	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane	170	C12H26	000112-40-3	76
3	Octadecane	254	C18H38	000593-45-3	64
4	Octacosane	394	C28H58	000630-02-4	64
5	Heptadecane	240	C17H36	000629-78-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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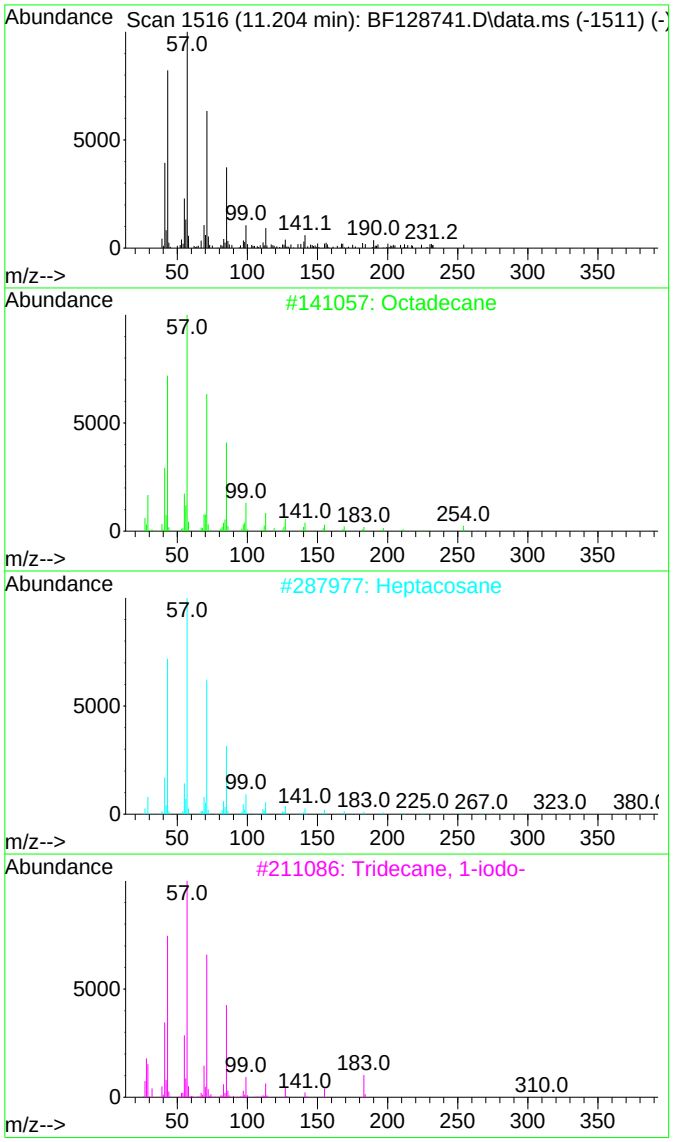
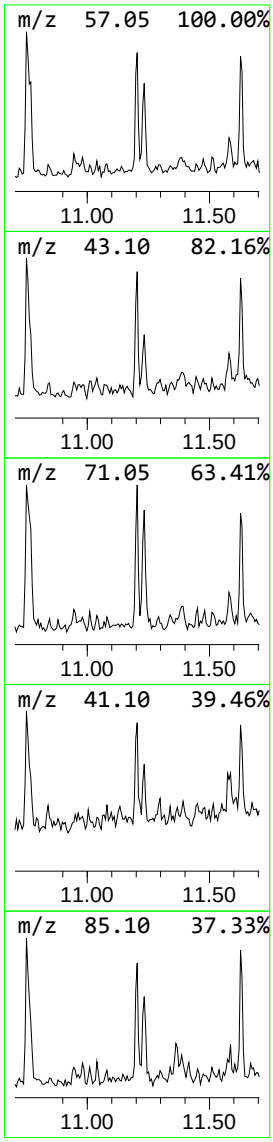
Peak Number 2 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	3.38 ng	90955	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
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Sample : N3225-01
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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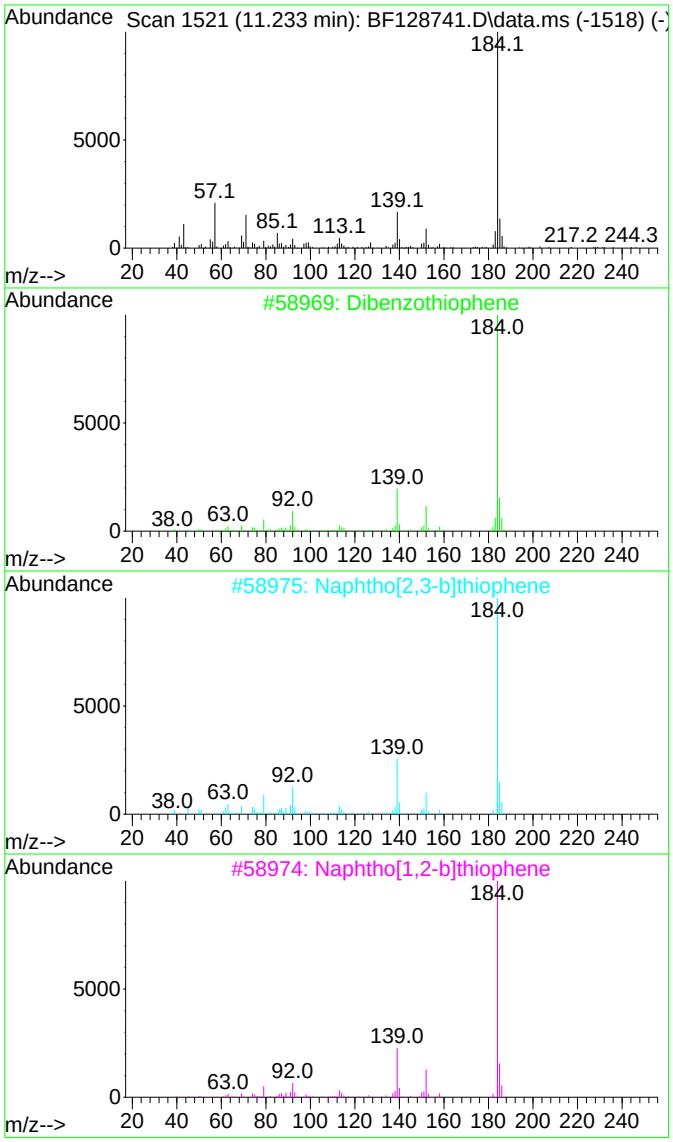
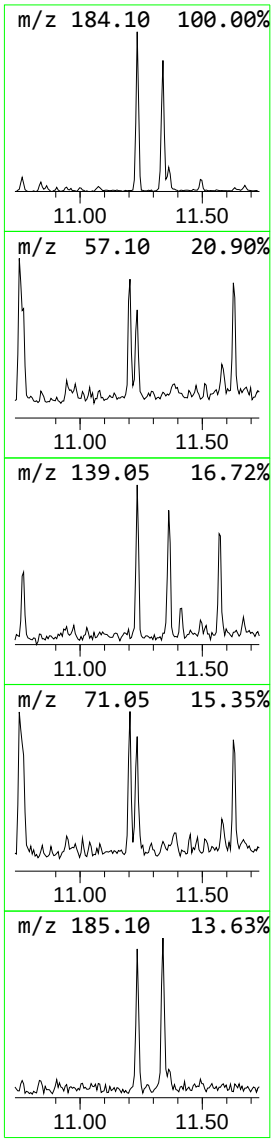
Peak Number 3 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	5.51 ng	148325	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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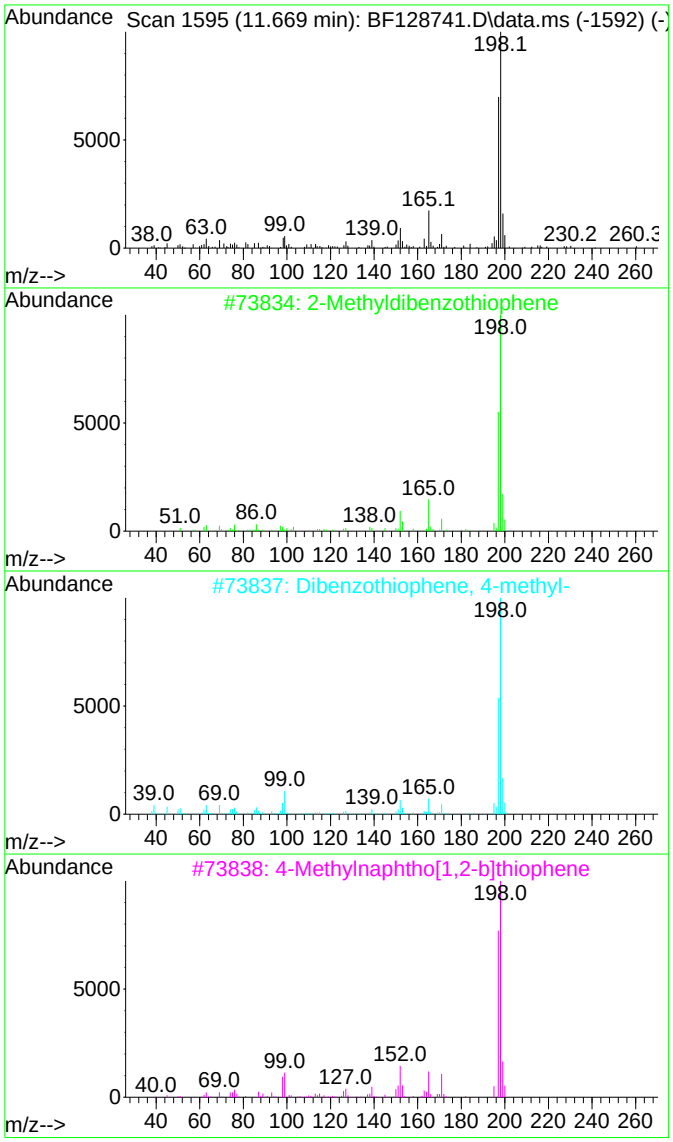
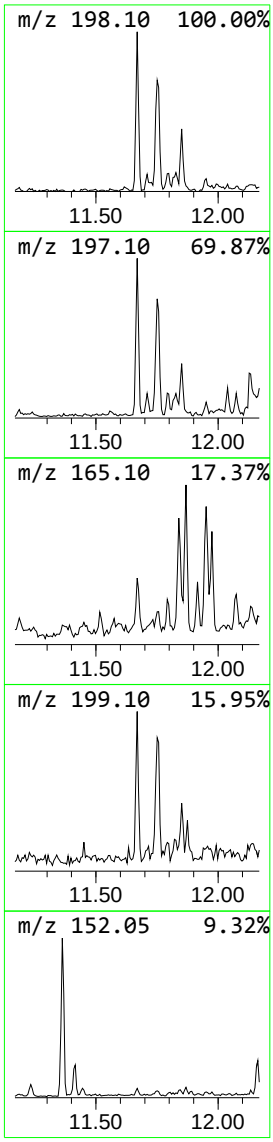
Peak Number 4 2-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	3.18 ng	85598	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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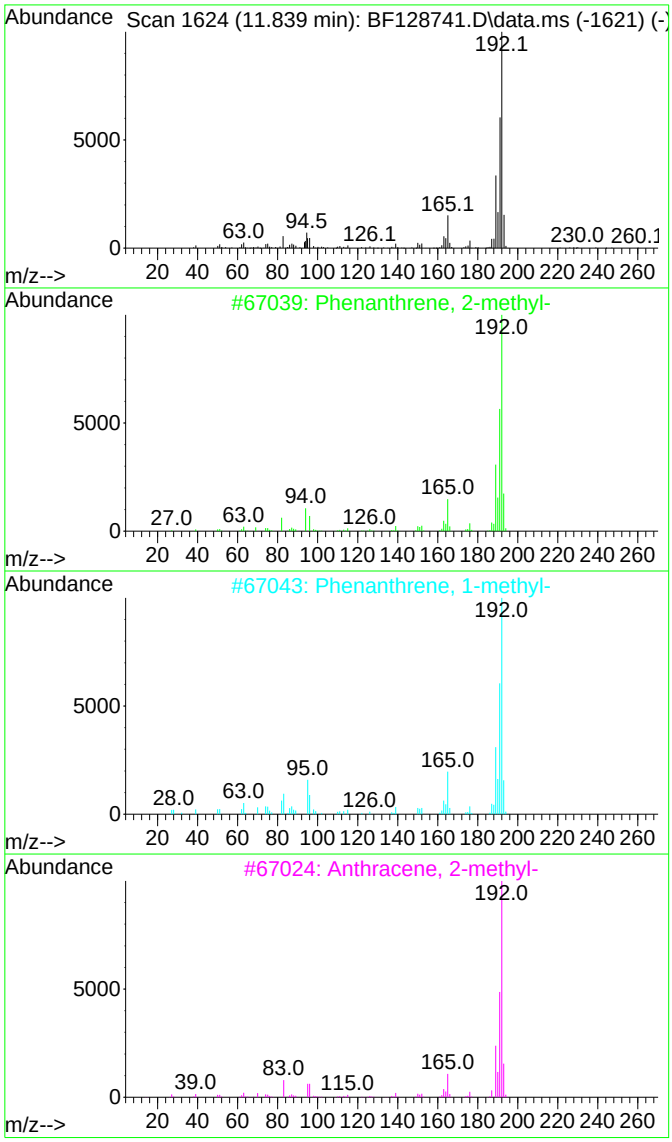
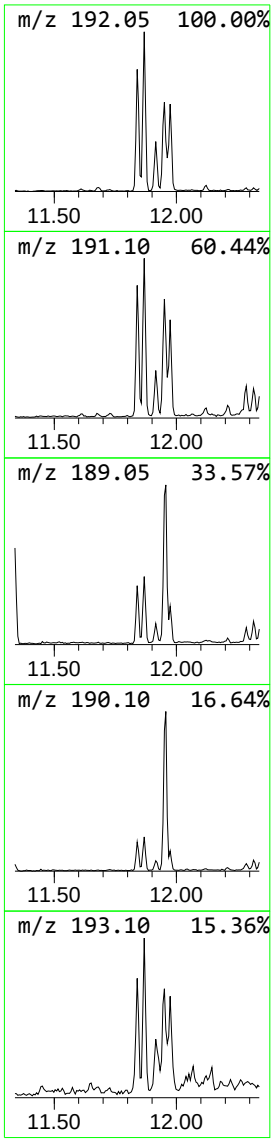
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	7.49 ng	201641	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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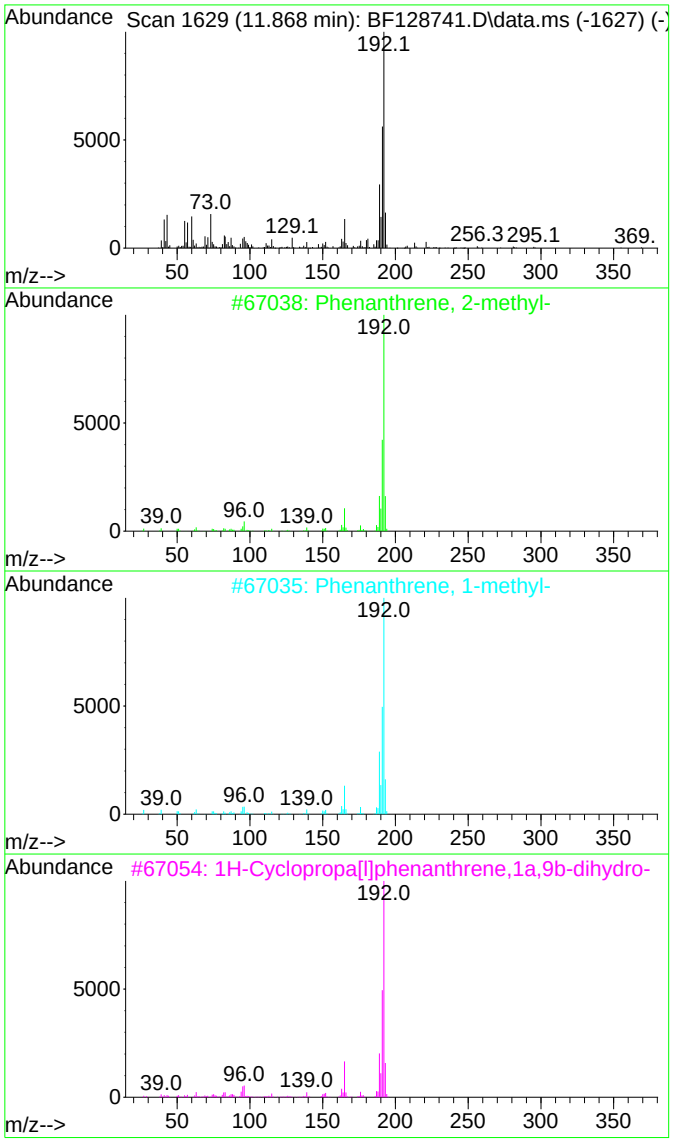
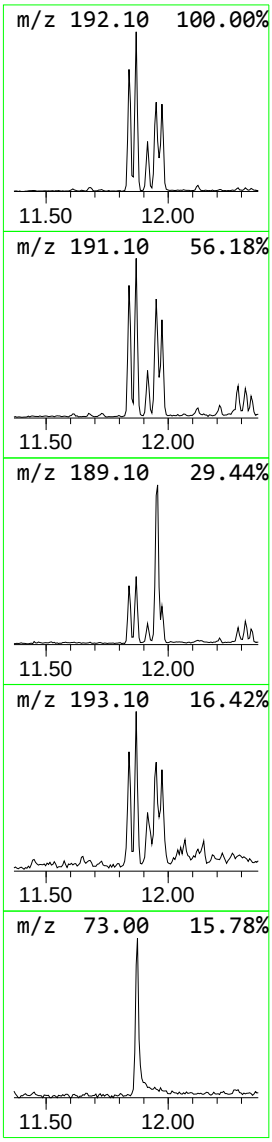
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	14.20 ng	382200	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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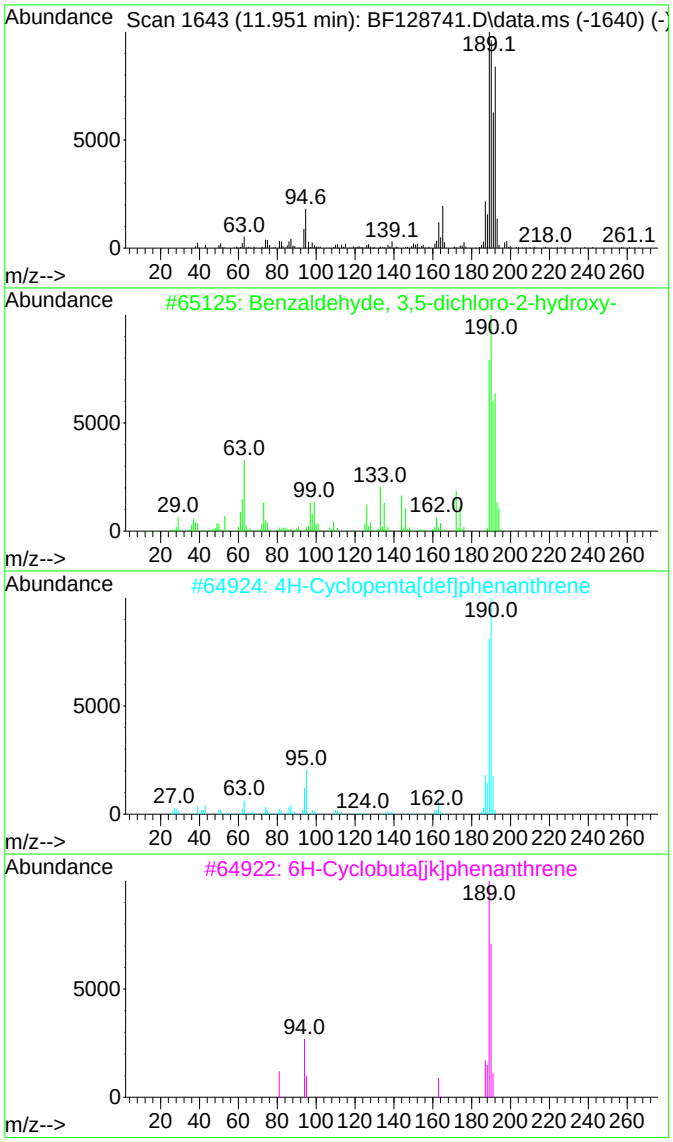
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

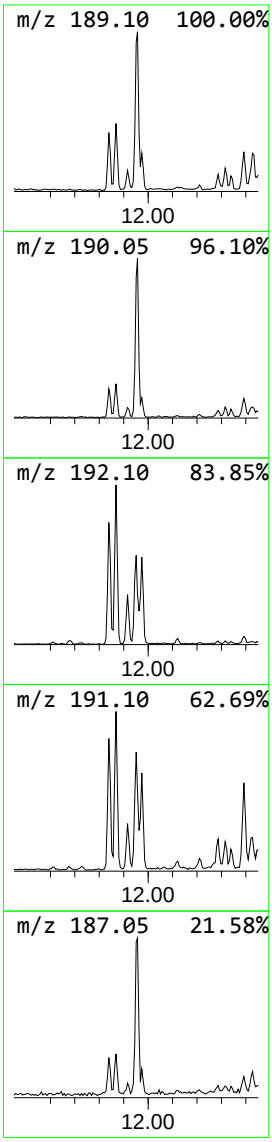
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	13.89 ng	373676	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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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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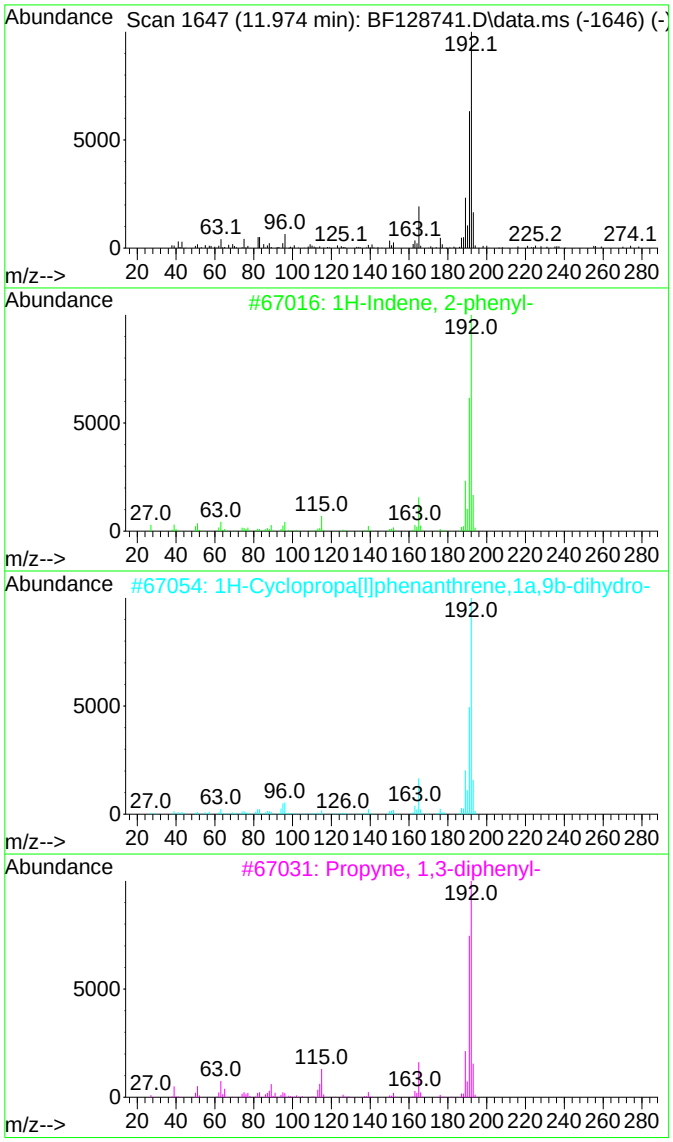
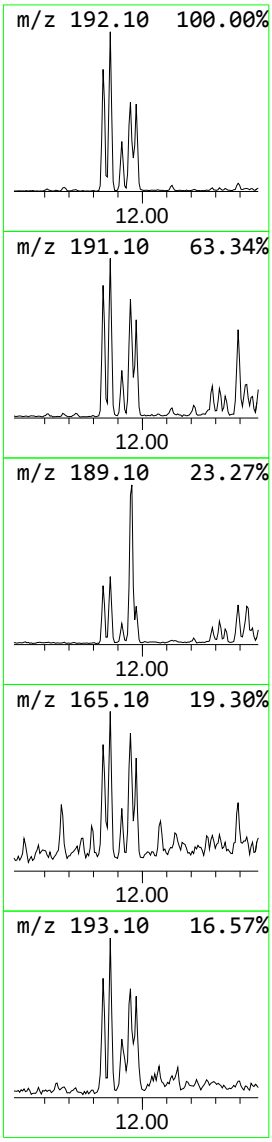
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	3.86 ng	103916	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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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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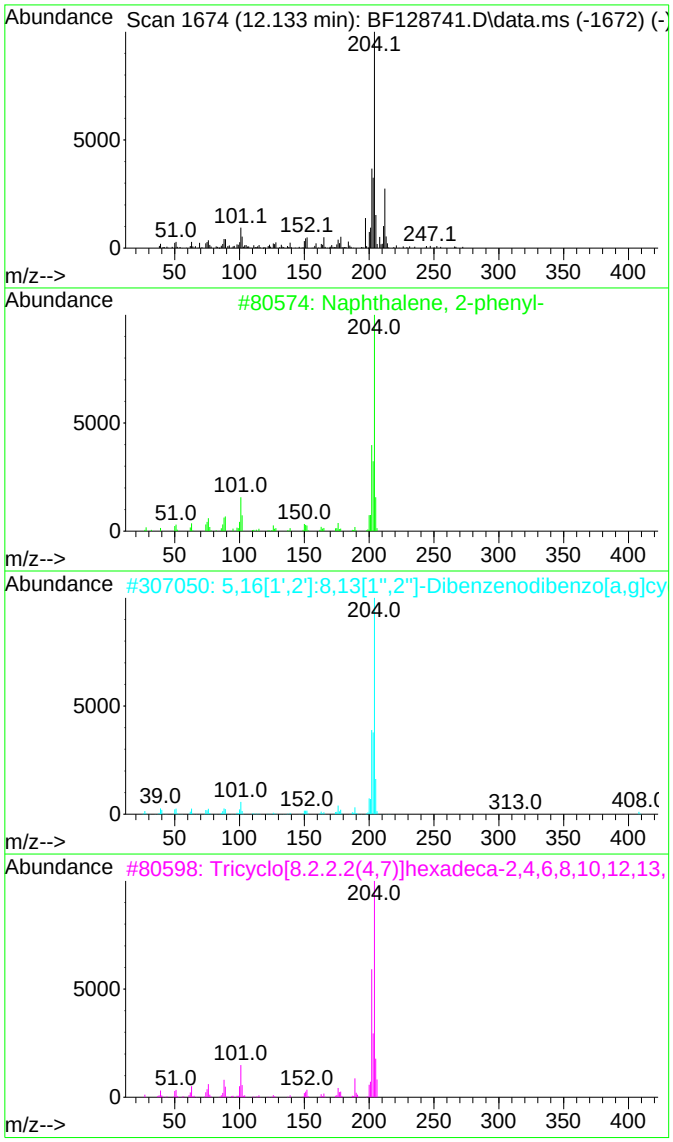
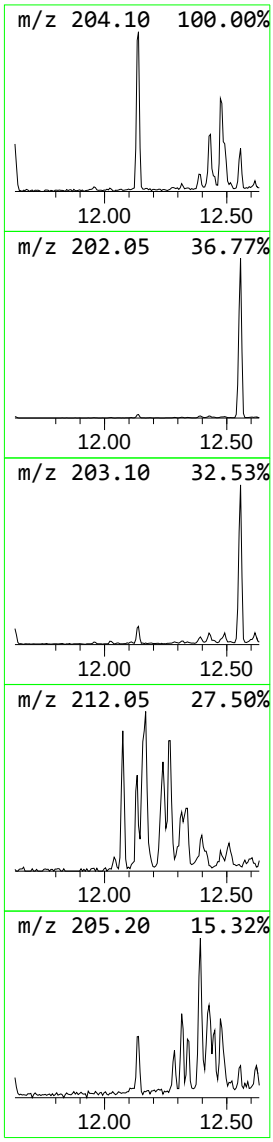
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	4.10 ng	110339	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	68
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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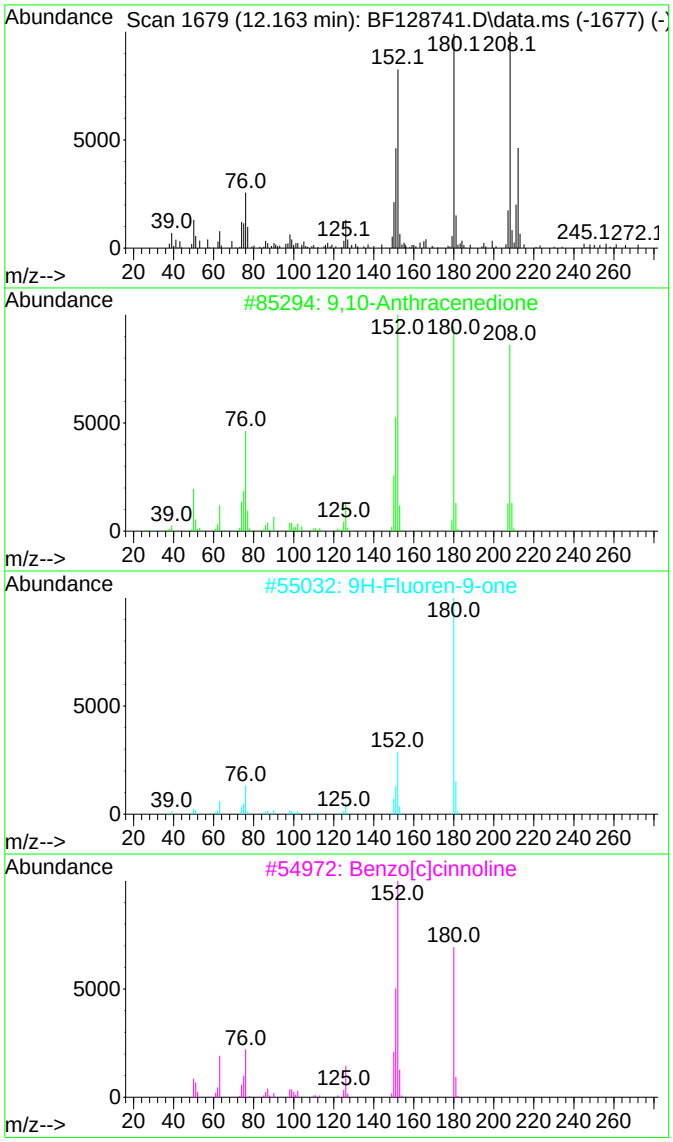
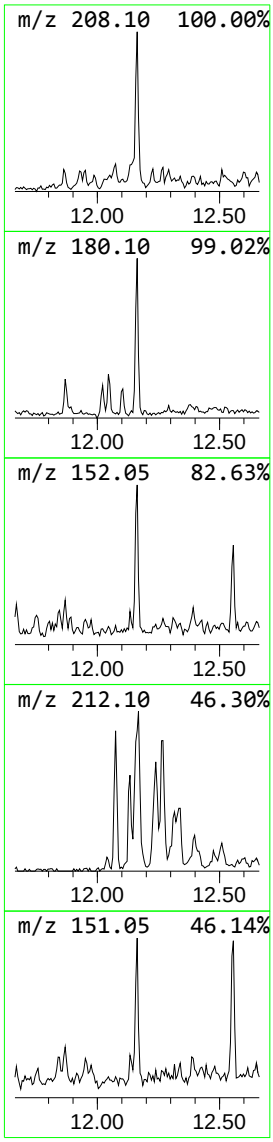
Peak Number 10 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	3.81 ng	102423	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	45
5	Diphenic anhydride	224	C14H8O3	006050-13-1	43





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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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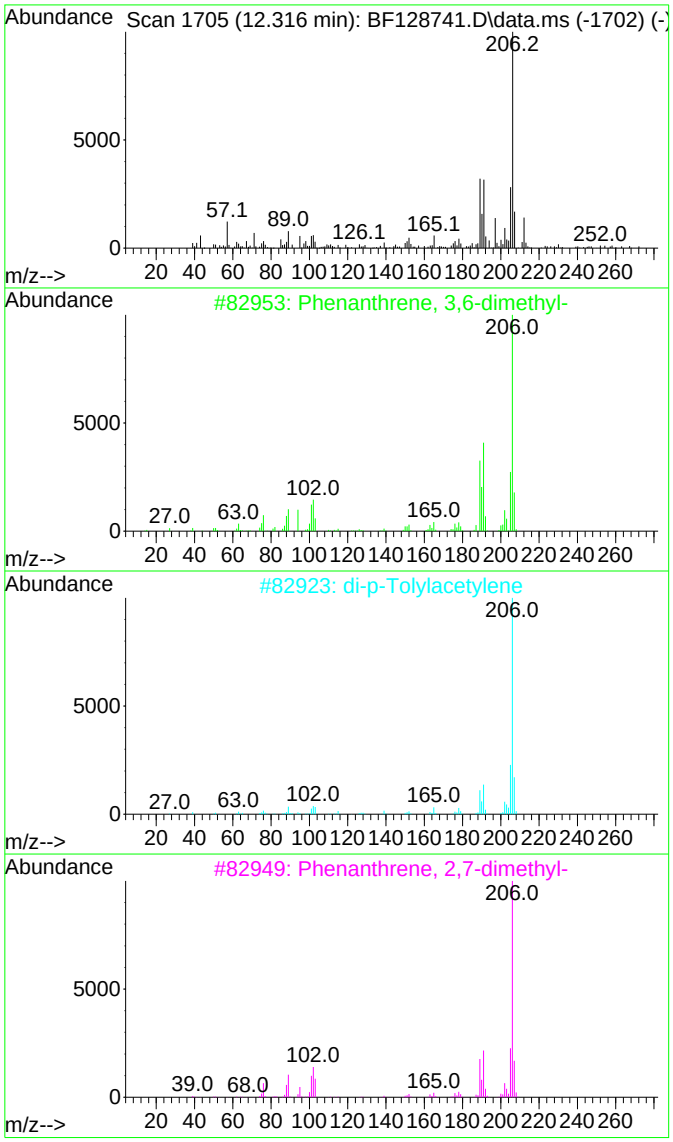
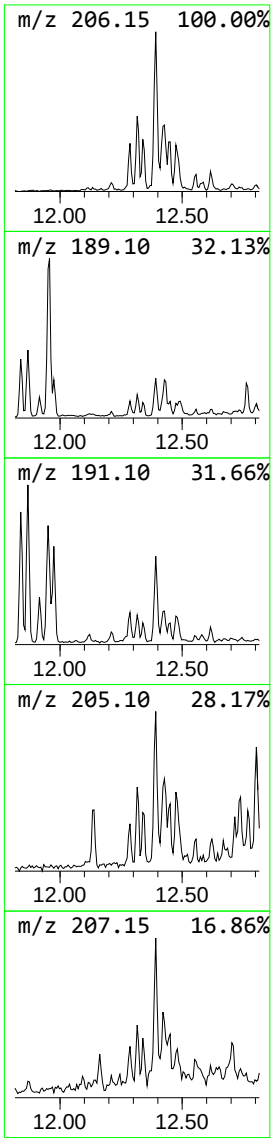
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	3.41 ng	91743	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	74
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	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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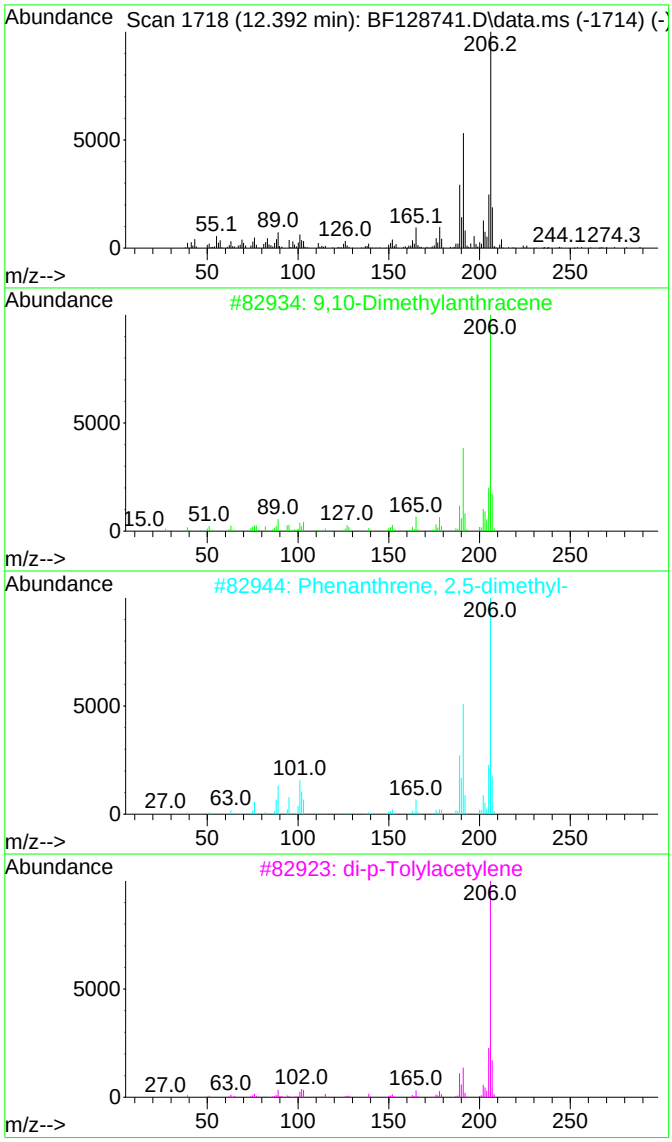
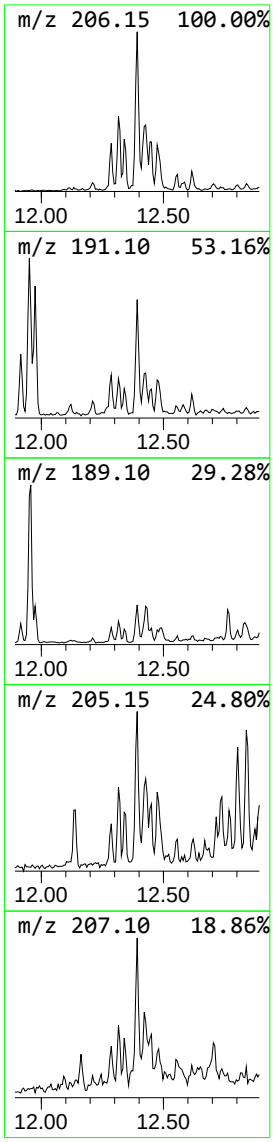
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	10.51 ng	282823	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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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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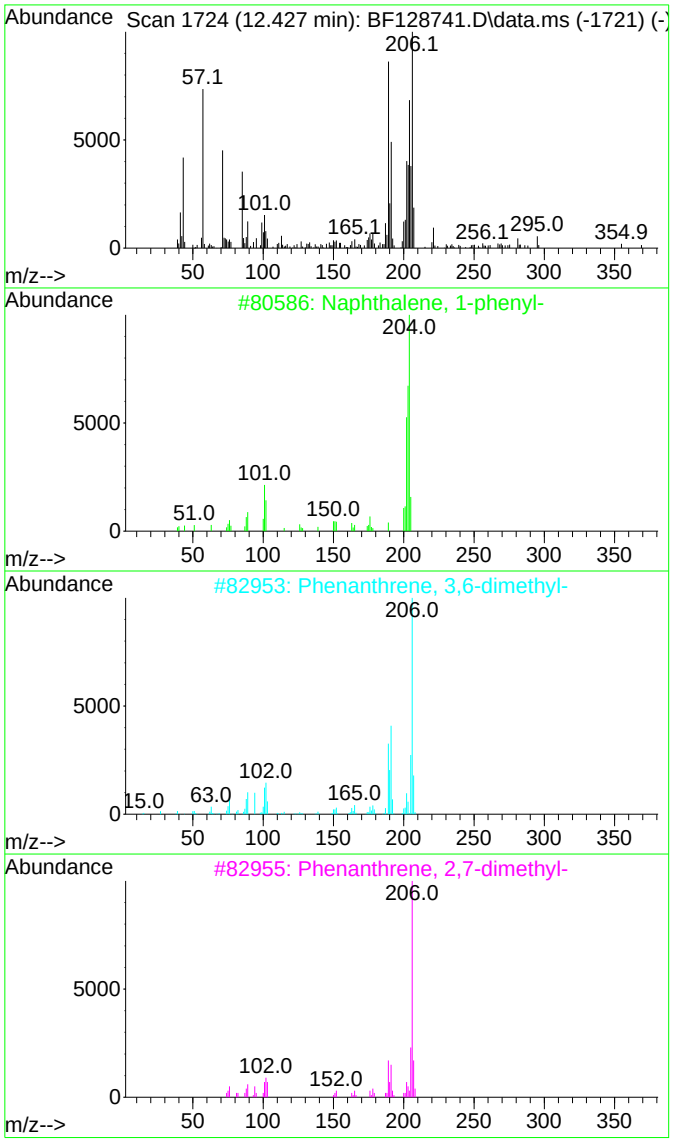
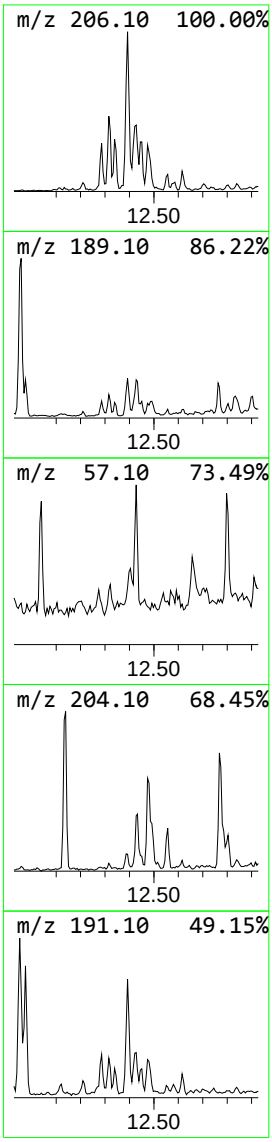
Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	6.32 ng	170090	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	56
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	45
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38





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TIC Library : C:\Database\NIST20.L
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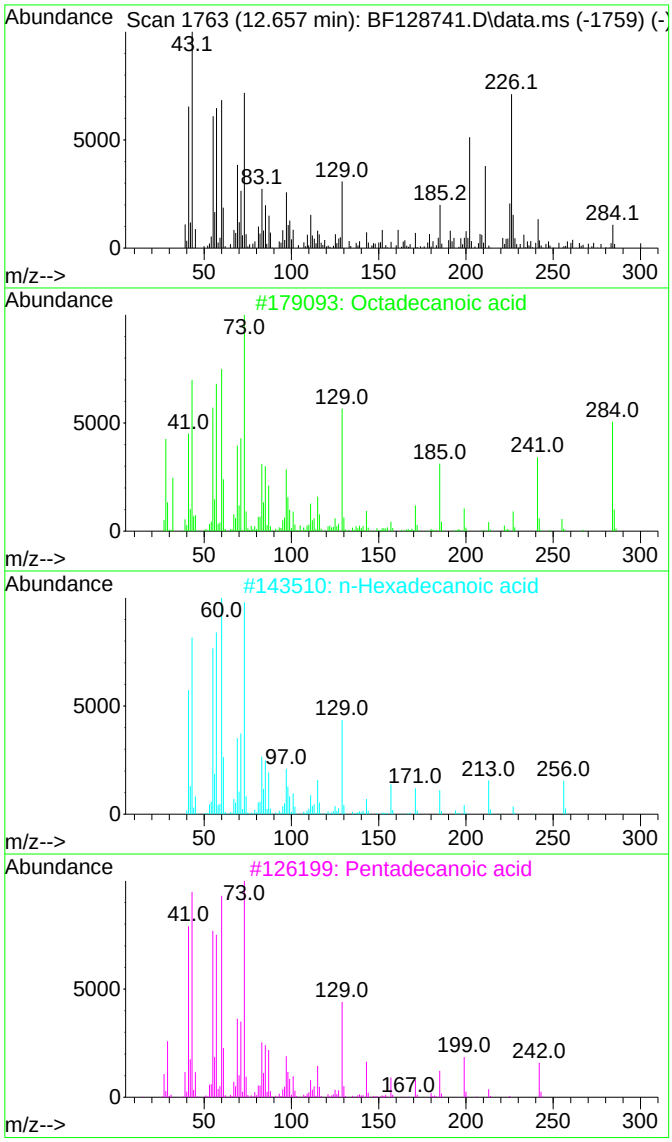
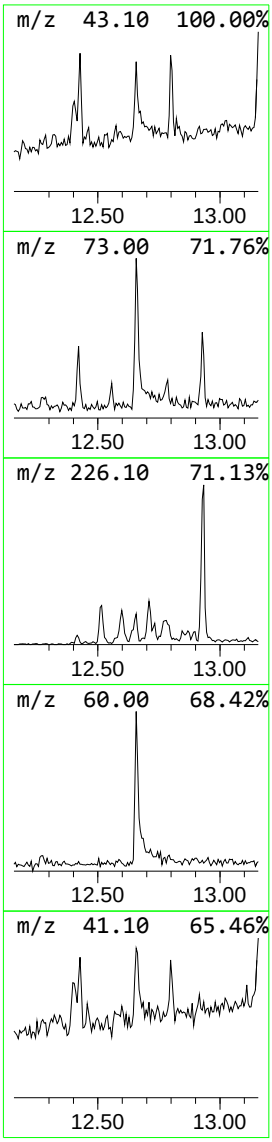
Peak Number 14 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	4.63 ng	124544	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	51
4	Dodecanoic acid	200	C12H24O2	000143-07-7	48
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	43





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

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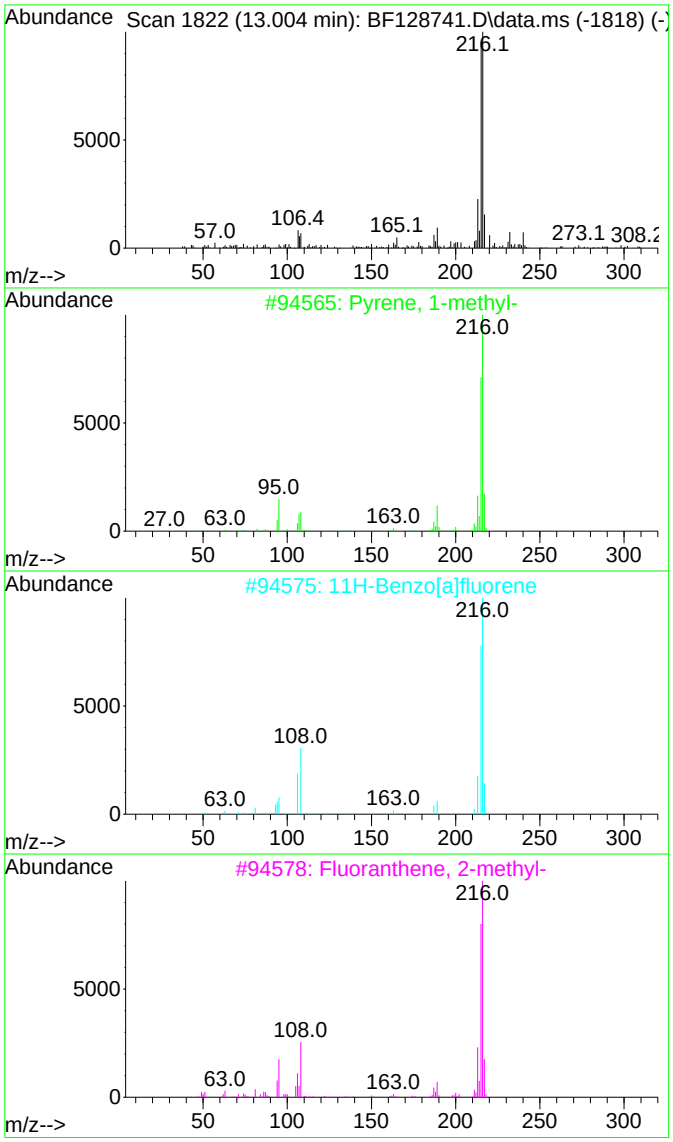
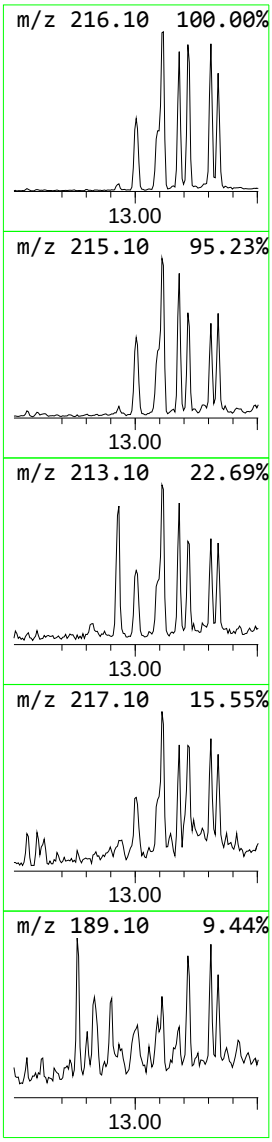
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	4.28 ng	177003	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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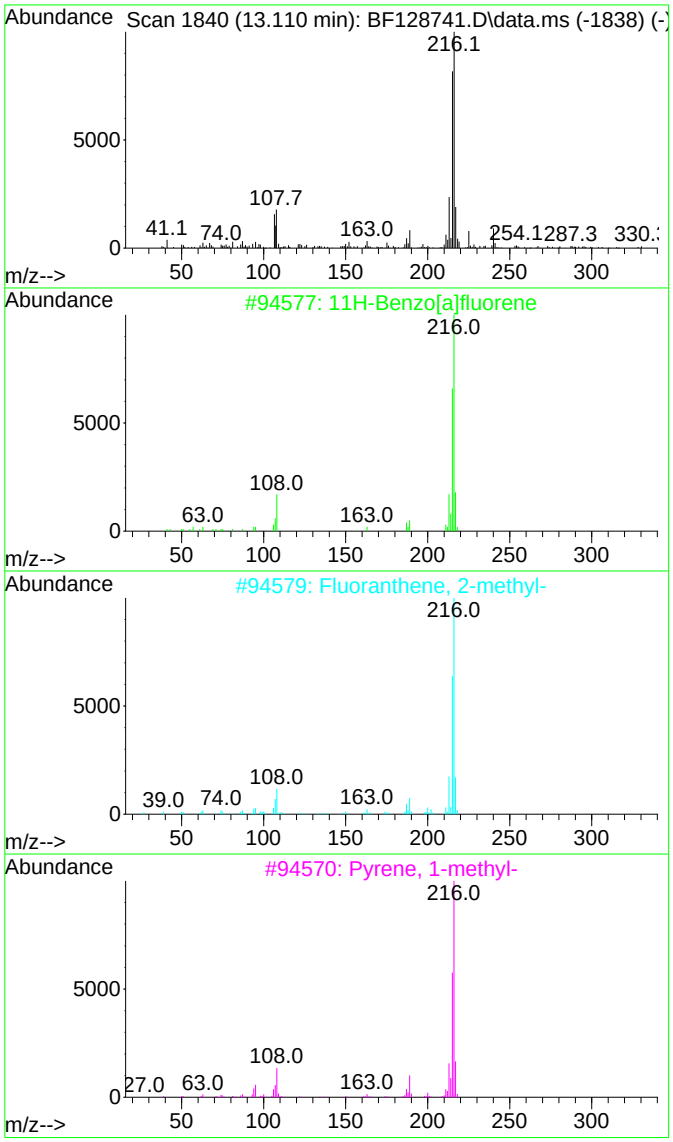
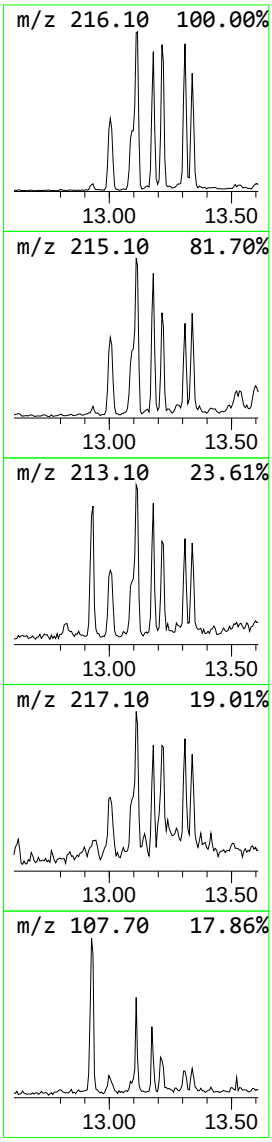
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	5.02 ng	207555	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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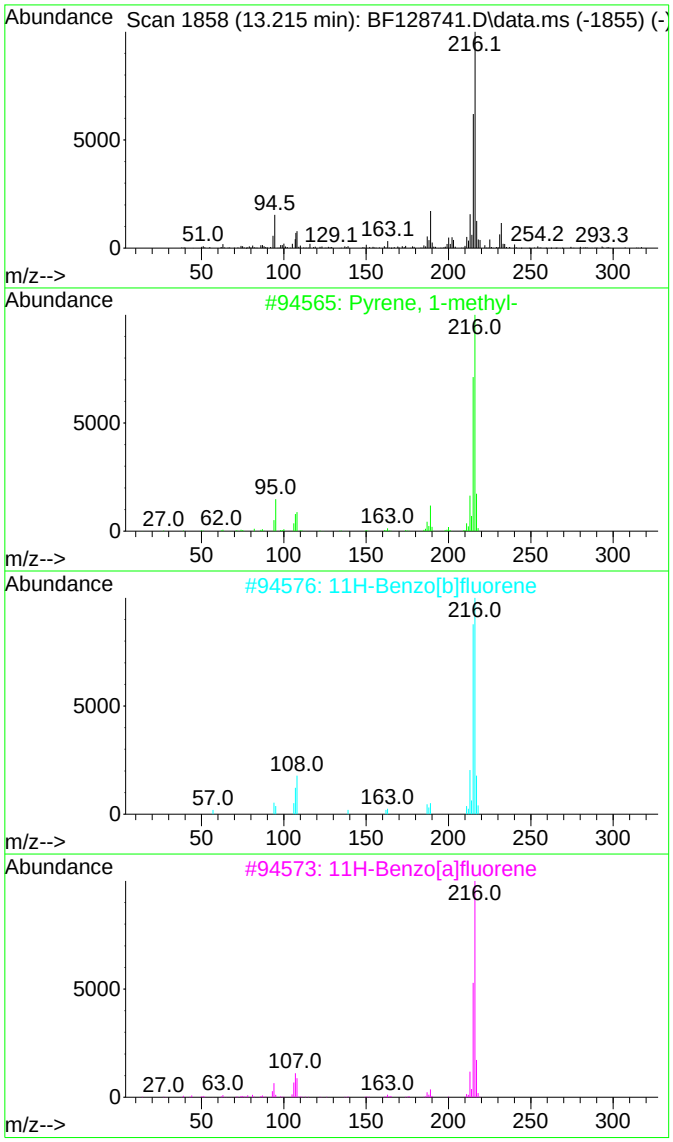
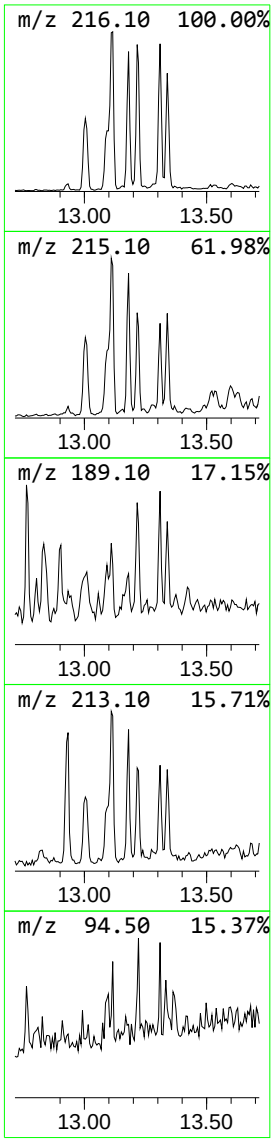
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	4.34 ng	179521	Chrysene-d12	13.986

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	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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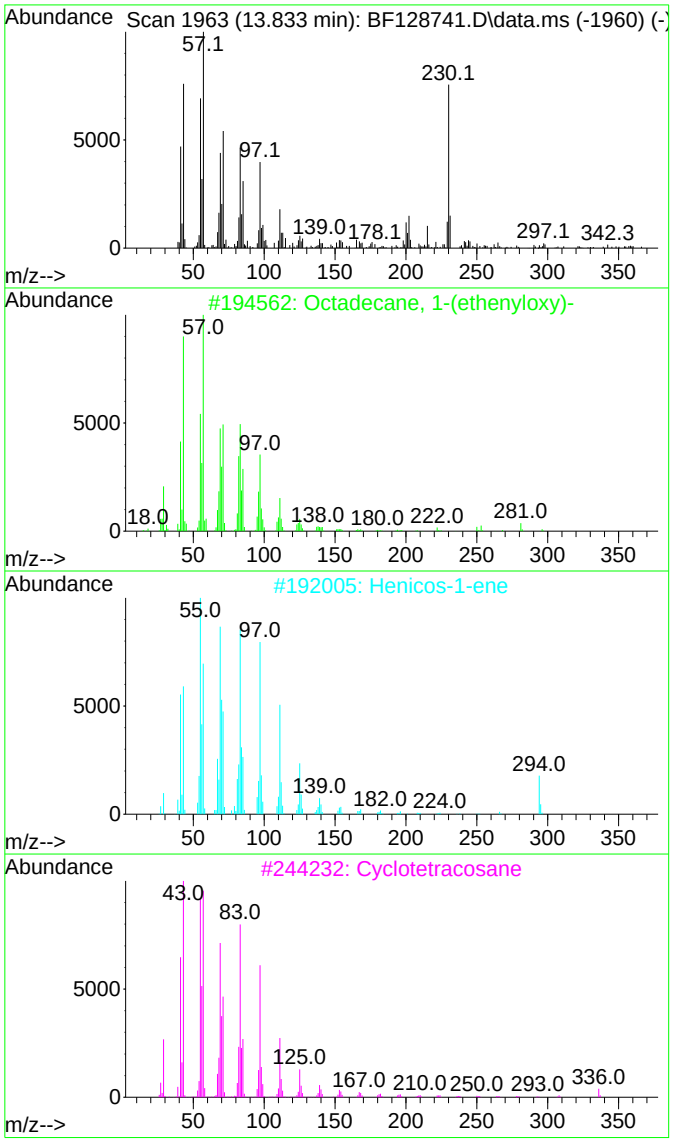
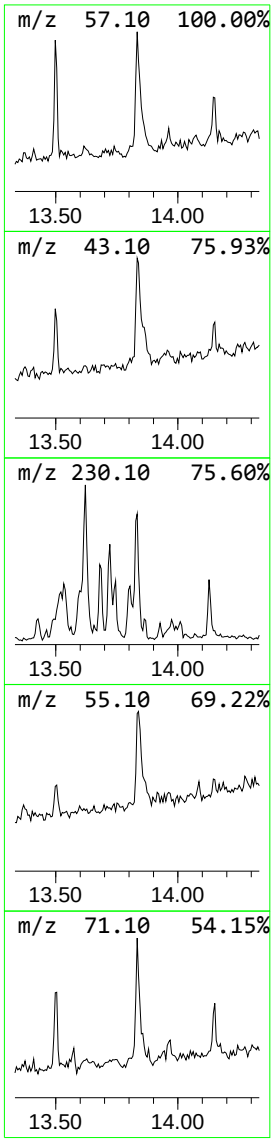
Peak Number 18 Octadecane, 1-(ethenyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	6.31 ng	261079	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	87
2	Henicos-1-ene	294	C21H42	001599-68-4	49
3	Cyclotetracosane	336	C24H48	000297-03-0	42
4	Octacosyl propyl ether	452	C31H64O	1000406-28-5	41
5	Hexacosyl propyl ether	424	C29H60O	1000406-28-4	41





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Data File : BF128741.D
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Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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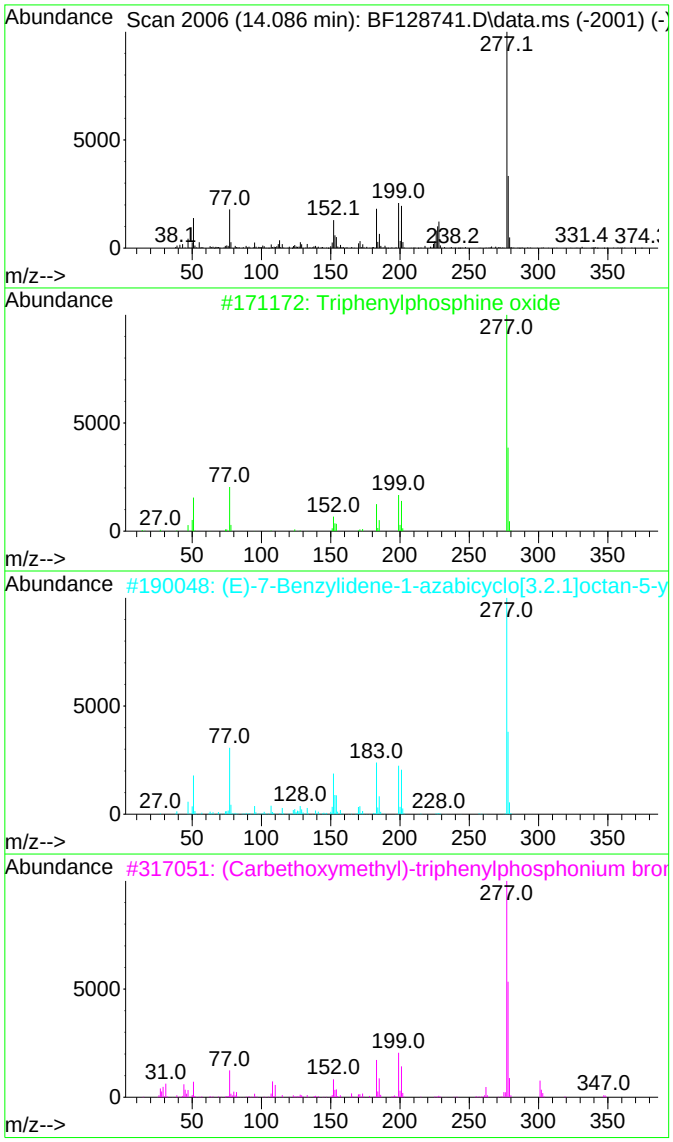
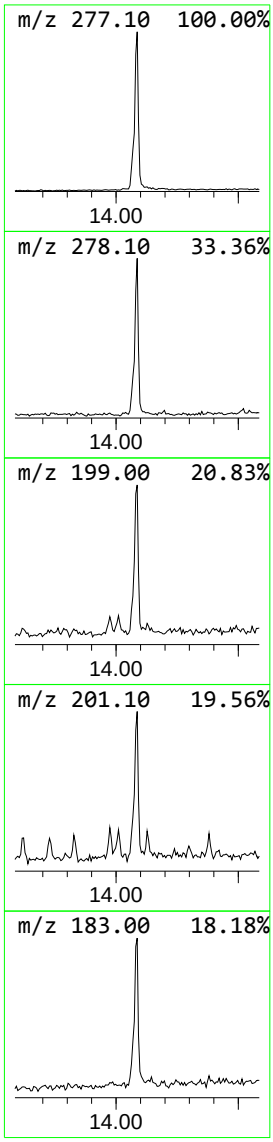
Peak Number 19 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	9.08 ng	375771	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	46
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	38
4	Benzoic acid, 2-(diphenylphosphi...	306	C19H15O2P	017261-28-8	33
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	32





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Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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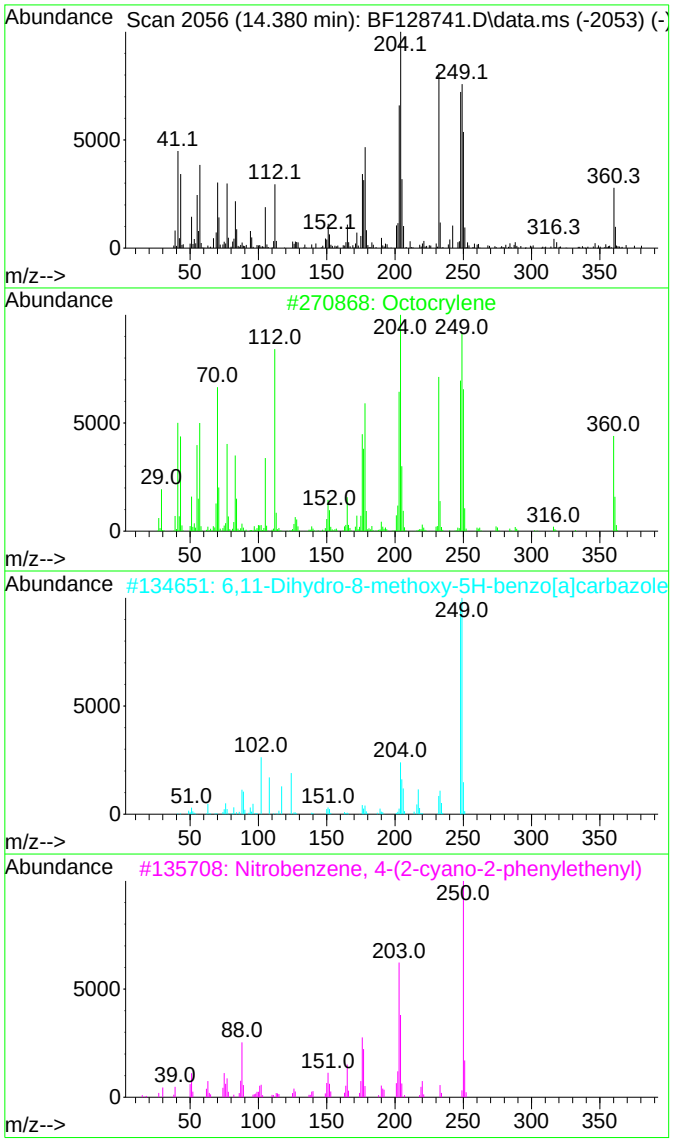
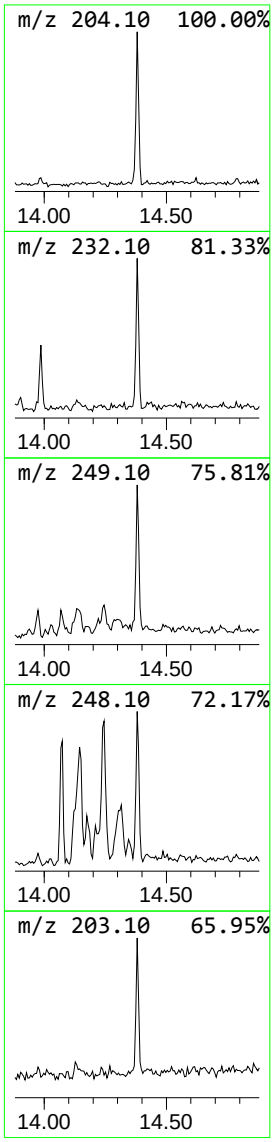
Peak Number 20 Octocrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.380	6.81 ng	281806	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octocrylene	361	C24H27NO2	006197-30-4	86
2	6,11-Dihydro-8-methoxy-5H-benzo[...	249	C17H15NO	050823-83-1	22
3	Nitrobenzene, 4-(2-cyano-2-pheny...	250	C15H10N2O2	007431-35-8	15
4	2-(Hydroxymethyl)-4-iodophenol	250	C7H7IO2	014056-07-6	14
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060822\
Data File : BF128741.D
Acq On : 08 Jun 2022 18:10
Operator : CG\JU
Sample : N3225-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-06062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Tridecane	10.757	5.0	ng	135153	4	11.339	538175	20.0
Octadecane	11.204	3.4	ng	90955	4	11.339	538175	20.0
Dibenzothiophene	11.233	5.5	ng	148325	4	11.339	538175	20.0
2-Methyldibenzo...	11.669	3.2	ng	85598	4	11.339	538175	20.0
Phenanthrene, 2...	11.839	7.5	ng	201641	4	11.339	538175	20.0
Phenanthrene, 1...	11.868	14.2	ng	382200	4	11.339	538175	20.0
Benzaldehyde, 3...	11.951	13.9	ng	373676	4	11.339	538175	20.0
1H-Indene, 2-ph...	11.974	3.9	ng	103916	4	11.339	538175	20.0
Naphthalene, 2-...	12.133	4.1	ng	110339	4	11.339	538175	20.0
9,10-Anthracene...	12.163	3.8	ng	102423	4	11.339	538175	20.0
Phenanthrene, 3...	12.316	3.4	ng	91743	4	11.339	538175	20.0
9,10-Dimethylan...	12.392	10.5	ng	282823	4	11.339	538175	20.0
Naphthalene, 1-...	12.427	6.3	ng	170090	4	11.339	538175	20.0
Octadecanoic acid	12.657	4.6	ng	124544	4	11.339	538175	20.0
Pyrene, 1-methyl-	13.004	4.3	ng	177003	5	13.986	827284	20.0
11H-Benzo[a]flu...	13.110	5.0	ng	207555	5	13.986	827284	20.0
11H-Benzo[b]flu...	13.216	4.3	ng	179521	5	13.986	827284	20.0
Octadecane, 1-(...	13.833	6.3	ng	261079	5	13.986	827284	20.0
Triphenylphosph...	14.086	9.1	ng	375771	5	13.986	827284	20.0
Octocrylene	14.380	6.8	ng	281806	5	13.986	827284	20.0