LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135742.D
Acq On : 12 Oct 2023 19:04
Operator : CG\JU
Sample : 04657-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V-1(0-2IN)

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	489	492	501	rBV2	10540	16783	1.05%	0.090%
2	5.375	556	559	577	rBV	1594599	1604714	100.00%	8.613%
3	6.393	729	732	750	rBV	1614475	1580390	98.48%	8.482%
4	6.740	787	791	798	rBV	468023	400923	24.98%	2.152%
5	7.304	884	887	899	rBV	956445	917144	57.15%	4.922%
6	8.016	1005	1008	1011	rBV	536841	459472	28.63%	2.466%
7	8.040	1011	1012	1017	rVB	104278	63895	3.98%	0.343%
8	8.734	1127	1130	1137	rBV	49860	44087	2.75%	0.237%
9	8.834	1142	1147	1151	rBV	36646	36383	2.27%	0.195%
10	9.092	1188	1191	1195	rBV	1559721	1441211	89.81%	7.735%
11	9.216	1207	1212	1216	rVB2	31819	42011	2.62%	0.225%
12	9.363	1233	1237	1241	rBV2	24762	33212	2.07%	0.178%
13	9.434	1246	1249	1252	rVV	49635	49588	3.09%	0.266%
14	9.463	1252	1254	1257	rVV	24642	23533	1.47%	0.126%
15	9.504	1257	1261	1266	rVB2	26787	29305	1.83%	0.157%
16	9.551	1266	1269	1278	rVB2	27429	35619	2.22%	0.191%
17	9.639	1280	1284	1288	rBV	144092	135722	8.46%	0.728%
18	9.775	1301	1307	1311	rBV	574883	482221	30.05%	2.588%
19	9.810	1311	1313	1316	rVB2	25089	22684	1.41%	0.122%
20	9.981	1336	1342	1346	rBV2	35689	44302	2.76%	0.238%
21	10.022	1346	1349	1353	rVB	26374	23544	1.47%	0.126%
22	10.092	1358	1361	1364	rBV	28381	27295	1.70%	0.146%
23	10.175	1373	1375	1378	rBV3	17876	22242	1.39%	0.119%
24	10.234	1382	1385	1388	rBV	23858	18630	1.16%	0.100%
25	10.328	1398	1401	1407	rVB	82430	85751	5.34%	0.460%
26	10.486	1425	1428	1430	rBV	25038	22176	1.38%	0.119%
27	10.575	1439	1443	1454	rVB	742305	738960	46.05%	3.966%
28	10.692	1458	1463	1465	rBV4	26808	35336	2.20%	0.190%
29	10.881	1490	1495	1498	rBV2	40645	54877	3.42%	0.295%
30	10.963	1506	1509	1512	rBV2	22089	27763	1.73%	0.149%
31	11.004	1512	1516	1519	rVV	276459	296794	18.50%	1.593%
32	11.086	1526	1530	1532	rBV2	34771	33107	2.06%	0.178%
33	11.133	1533	1538	1541	rVV2	93134	87516	5.45%	0.470%
34	11.169	1541	1544	1547	rVB	68801	62450	3.89%	0.335%
35	11.269	1558	1561	1563	rBV	467400	417626	26.02%	2.241%
36	11.298	1563	1566	1569	rVV	724593	640589	39.92%	3.438%

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V-1(0-2IN)

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.351	1572	1575	1578	rVV	215748	202360	12.61%	1.086%
38	11.386	1578	1581	1586	rVV6	20684	39315	2.45%	0.211%
39	11.439	1586	1590	1593	rVB3	13989	19194	1.20%	0.103%
40	11.516	1598	1603	1607	rBV3	39162	55705	3.47%	0.299%
41	11.563	1609	1611	1614	rVV	49724	39747	2.48%	0.213%
42	11.604	1616	1618	1623	rVB2	45313	44408	2.77%	0.238%
43	11.686	1629	1632	1637	rVB2	30601	39180	2.44%	0.210%
44	11.739	1637	1641	1643	rBV4	21481	29091	1.81%	0.156%
45	11.775	1644	1647	1650	rVV	139696	139729	8.71%	0.750%
46	11.804	1650	1652	1657	rVV	332138	325919	20.31%	1.749%
47	11.857	1657	1661	1664	rVV	154925	191045	11.91%	1.025%
48	11.886	1664	1666	1669	rVV	222245	228374	14.23%	1.226%
49	11.910	1669	1670	1674	rVB	99036	67187	4.19%	0.361%
50	12.010	1685	1687	1690	rVB	27145	22519	1.40%	0.121%
51	12.075	1694	1698	1702	rVV	91913	101687	6.34%	0.546%
52	12.116	1702	1705	1708	rVB4	52457	55490	3.46%	0.298%
53	12.169	1712	1714	1718	rVB4	15365	18308	1.14%	0.098%
54	12.204	1718	1720	1721	rBV2	21455	18333	1.14%	0.098%
55	12.257	1726	1729	1731	rVV2	37794	33197	2.07%	0.178%
56	12.328	1738	1741	1744	rBV	116347	123472	7.69%	0.663%
57	12.369	1744	1748	1750	rVV2	70113	98842	6.16%	0.531%
58	12.386	1750	1751	1754	rVV2	36893	27734	1.73%	0.149%
59	12.427	1754	1758	1761	rVV2	72671	82100	5.12%	0.441%
60	12.498	1766	1770	1773	rBV	963681	930136	57.96%	4.992%
61	12.539	1774	1777	1779	rVV2	38422	45590	2.84%	0.245%
62	12.592	1783	1786	1789	rVV	152666	140271	8.74%	0.753%
63	12.645	1792	1795	1798	rVV	80503	70336	4.38%	0.378%
64	12.669	1798	1799	1802	rVB2	28355	19082	1.19%	0.102%
65	12.727	1802	1809	1815	rBV	1010776	1015134	63.26%	5.448%
66	12.780	1815	1818	1822	rVB2	59857	62238	3.88%	0.334%
67	12.869	1825	1833	1836	rVV	972061	1012105	63.07%	5.432%
68	12.892	1836	1837	1842	rVV	42485	41331	2.58%	0.222%
69	12.945	1842	1846	1851	rVV3	94555	173134	10.79%	0.929%
70	12.998	1853	1855	1858	rVV3	54223	63053	3.93%	0.338%
71	13.057	1862	1865	1868	rVV	196838	202114	12.60%	1.085%
72	13.098	1870	1872	1874	rVV2	38452	38922	2.43%	0.209%
73	13.122	1874	1876	1879	rVV	129596	125169	7.80%	0.672%
74	13.163	1880	1883	1890	rVB2	126234	158000	9.85%	0.848%
75	13.257	1896	1899	1901	rVB	71665	66539	4.15%	0.357%
76	13.286	1901	1904	1907	rBV	80458	70714	4.41%	0.380%

LSC Area Percent Report

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V-1(0-2IN)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.686	1969	1972	1974	rBV	86309	86582	5.40%	0.465%
78	13.704	1974	1975	1978	rVB	70980	48139	3.00%	0.258%
79	13.733	1978	1980	1982	rBV	56364	48360	3.01%	0.260%
80	13.792	1987	1990	1992	rBV	48563	43769	2.73%	0.235%
81	13.927	2010	2013	2017	rBV2	480876	678419	42.28%	3.641%
82	13.963	2017	2019	2023	rVB	391545	314476	19.60%	1.688%
83	14.098	2039	2042	2046	rBV2	50626	69393	4.32%	0.372%
84	14.327	2079	2081	2085	rVB	85871	68884	4.29%	0.370%
85	14.457	2100	2103	2104	rBV3	56563	59605	3.71%	0.320%
86	14.980	2189	2192	2195	rBV	211720	313681	19.55%	1.684%
87	15.286	2240	2244	2247	rBV	120526	137237	8.55%	0.737%
88	15.351	2251	2255	2261	rVV	194613	284493	17.73%	1.527%
89	15.410	2262	2265	2268	rVB	166776	184133	11.47%	0.988%

Sum of corrected areas: 18631830

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Instrument :
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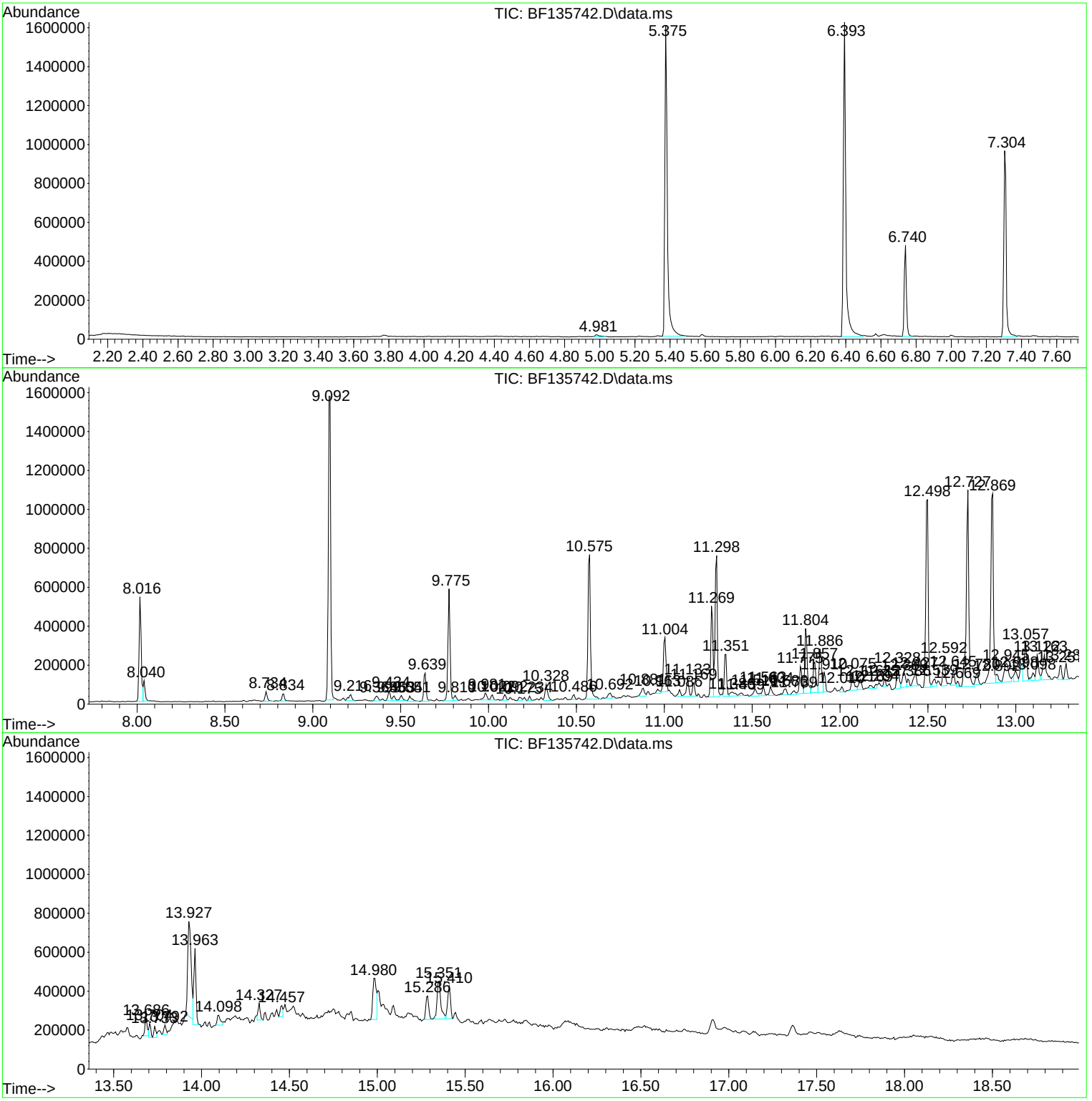
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

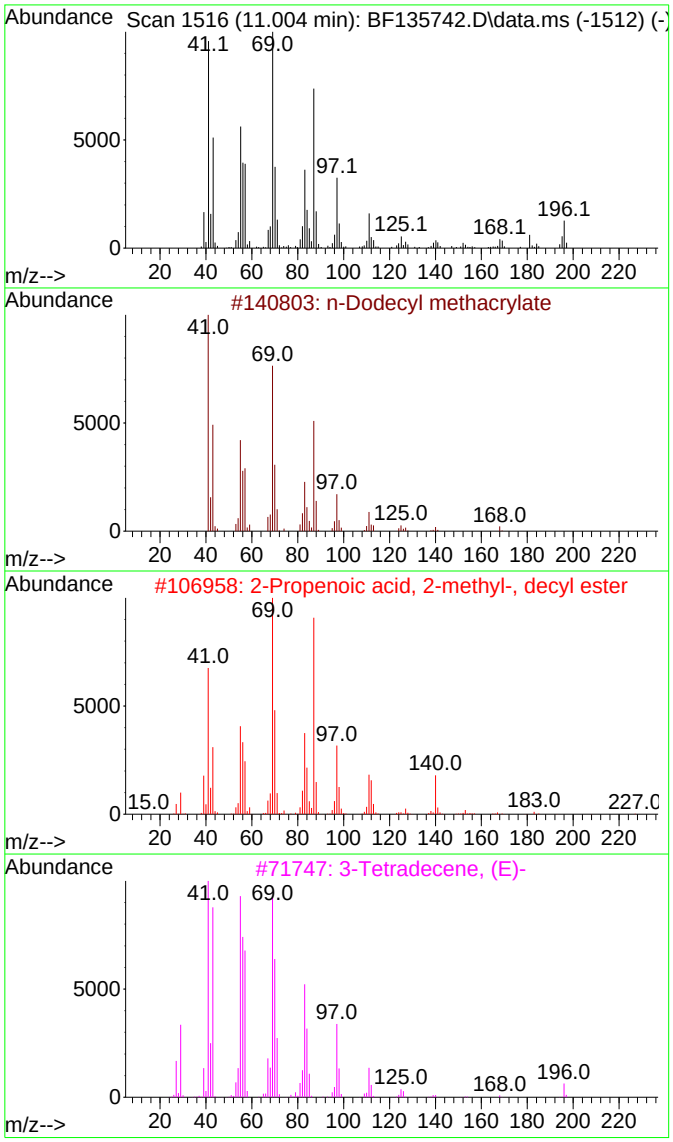
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

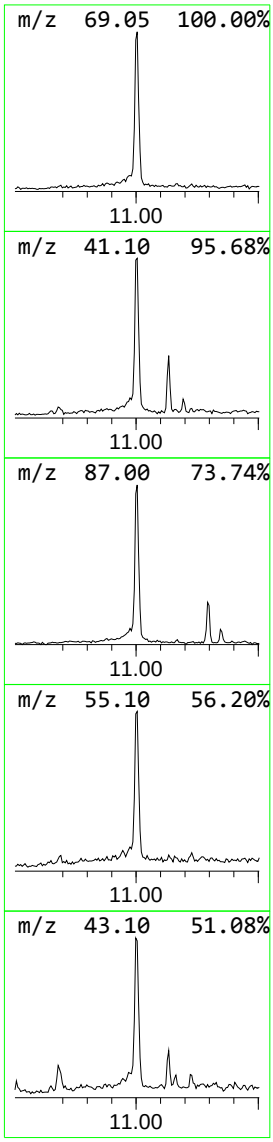
****

Peak Number 1 n-Dodecyl methacrylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	14.21 ng	296794	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	91
2	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	87
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	83
4	Cyclopentane, nonyl-	196	C14H28	002882-98-6	83
5	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	81





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Data File : BF135742.D
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Sample : 04657-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

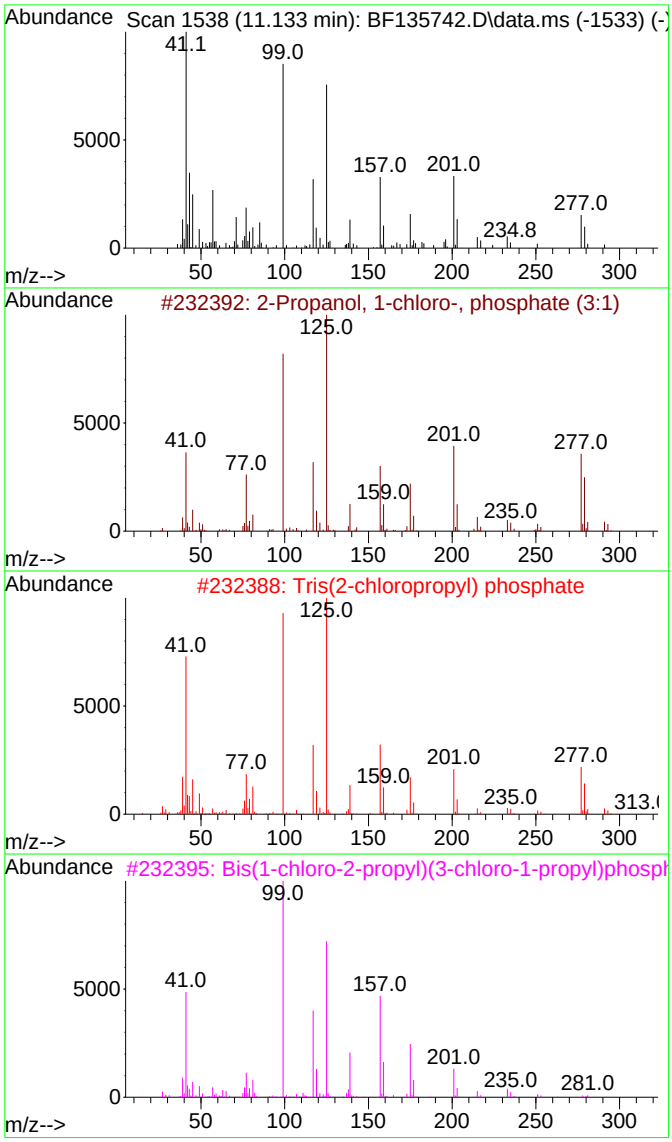
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

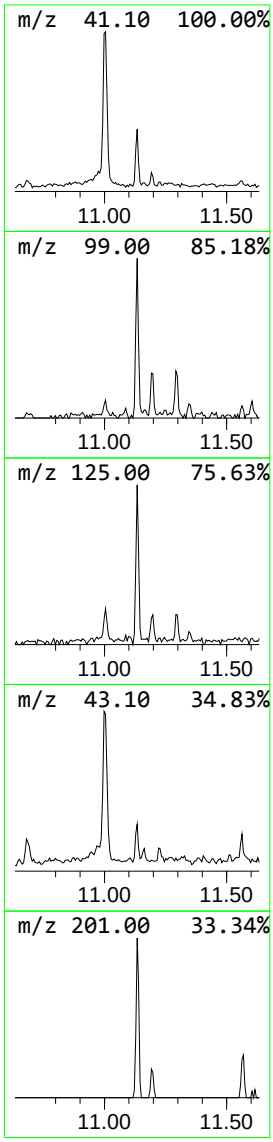
****

Peak Number 2 2-Propanol, 1-chloro-, phos... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.134	4.19 ng	87516	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	87
3	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	50
4	trans-Decalin-2-one, 6,6-ethylen...	210	C12H18O3	1000126-93-8	38
5	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	25





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V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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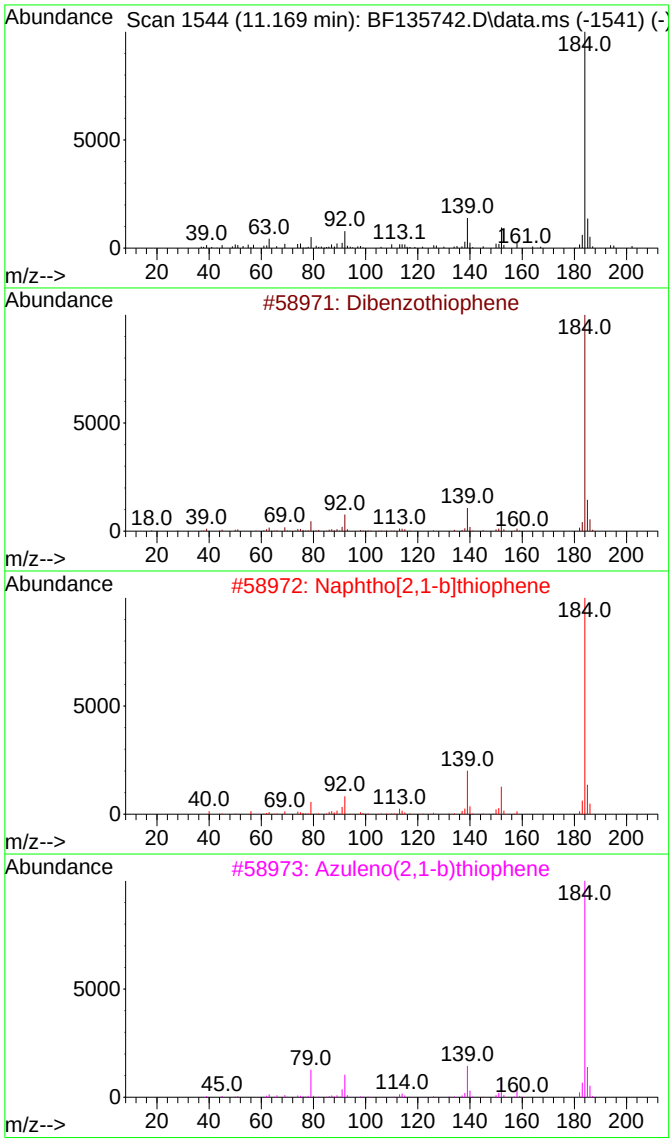
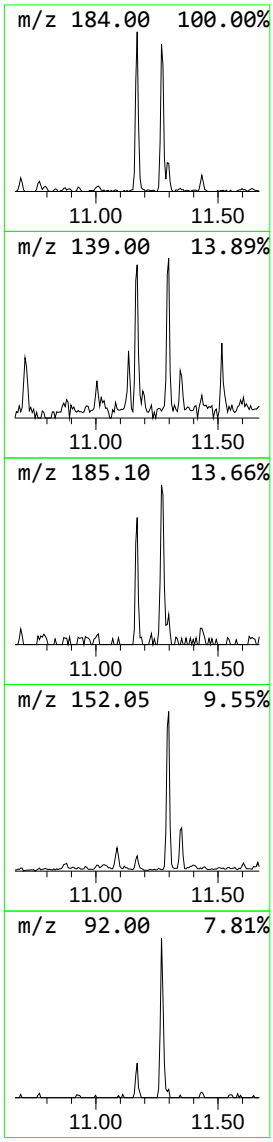
Peak Number 3 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	2.99 ng	62450	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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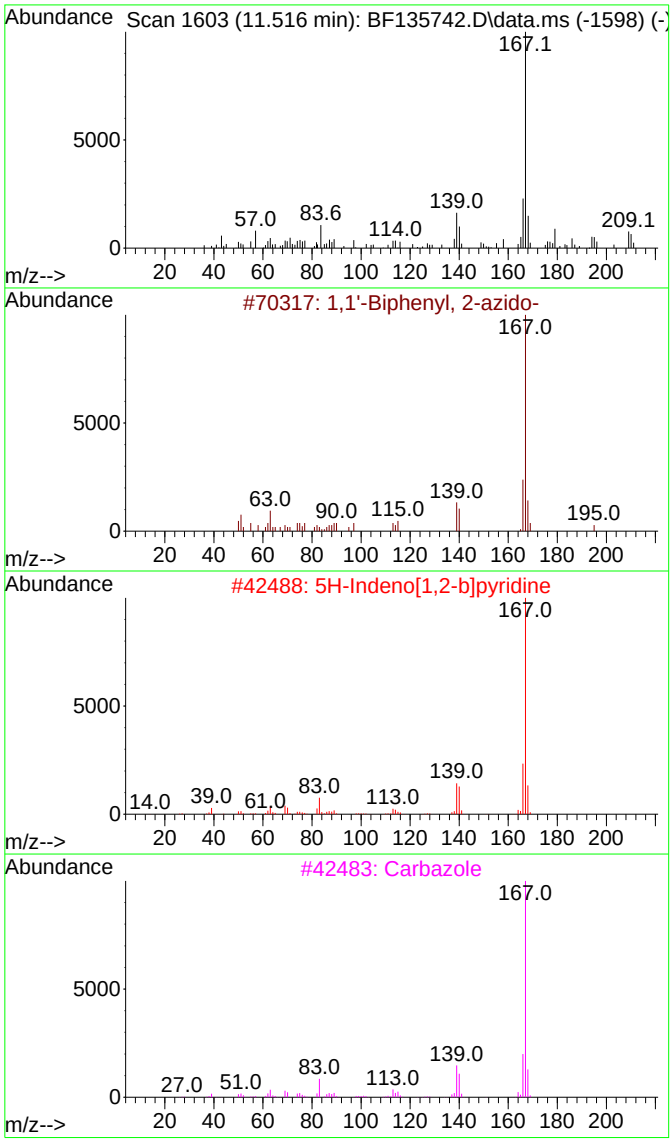
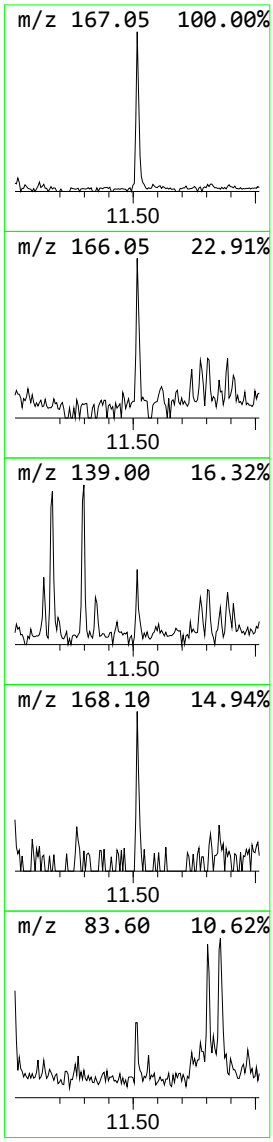
Peak Number 4 1,1'-Biphenyl, 2-azido- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.516	2.67 ng	55705	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	91
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
3	Carbazole	167	C12H9N	000086-74-8	83
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	80





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

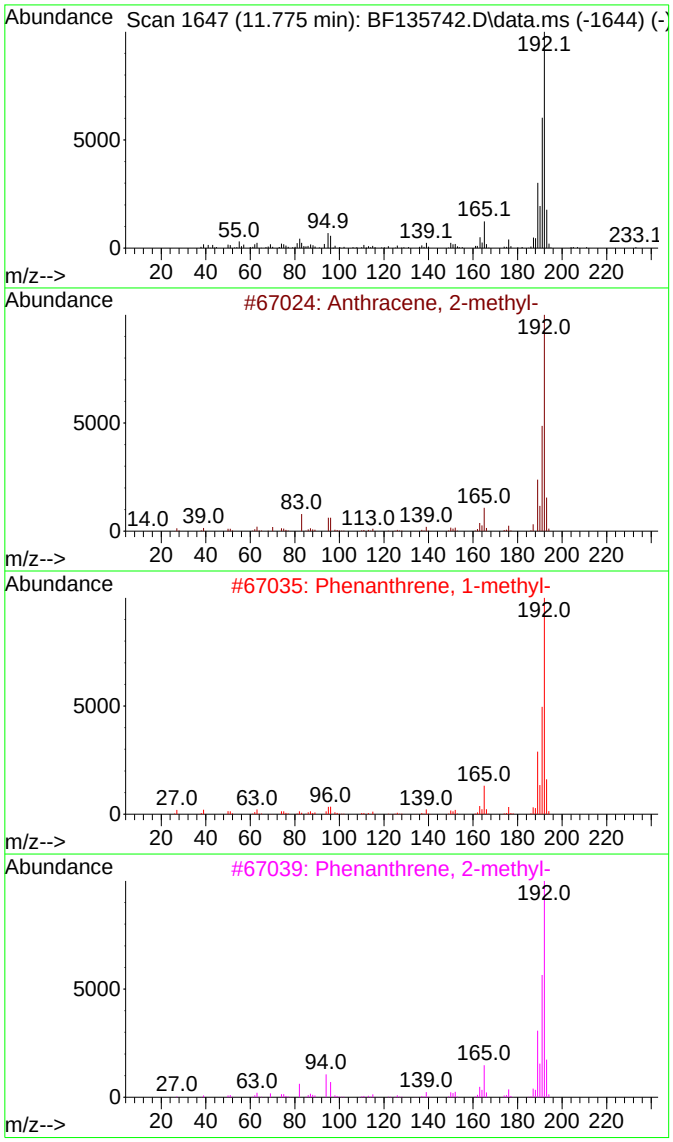
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

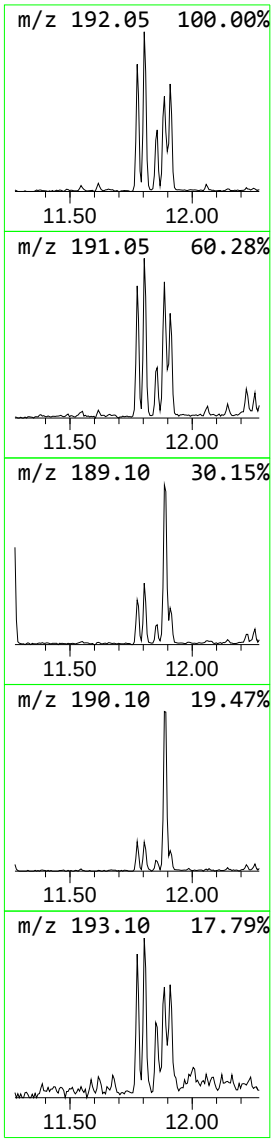
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	6.69 ng	139729	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ClientSampleId :
V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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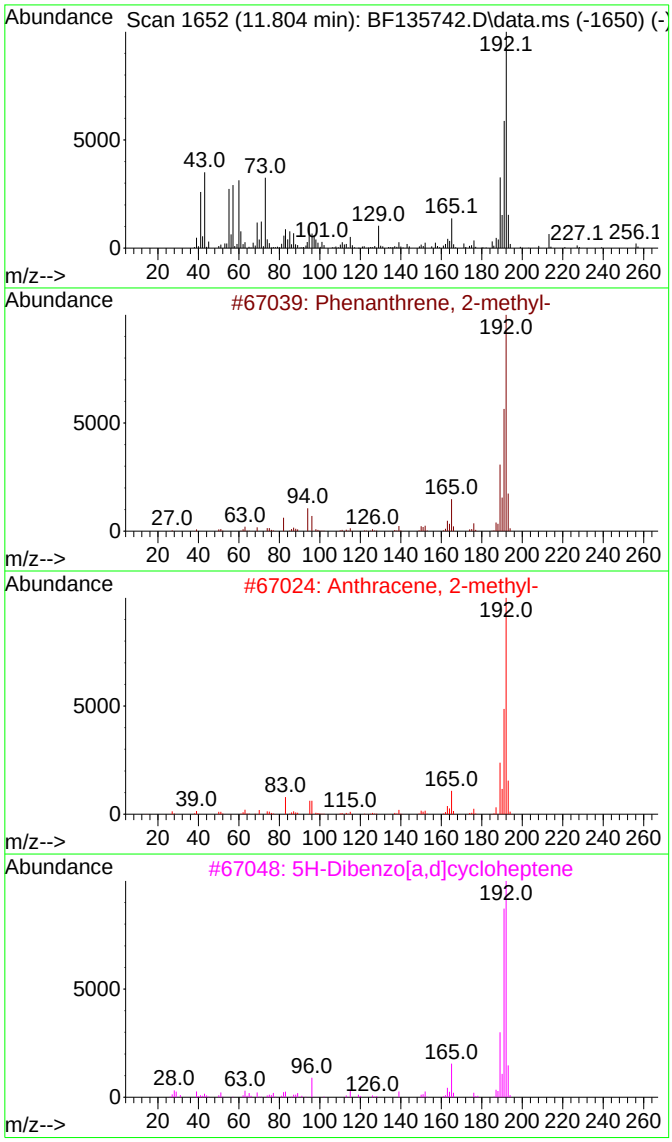
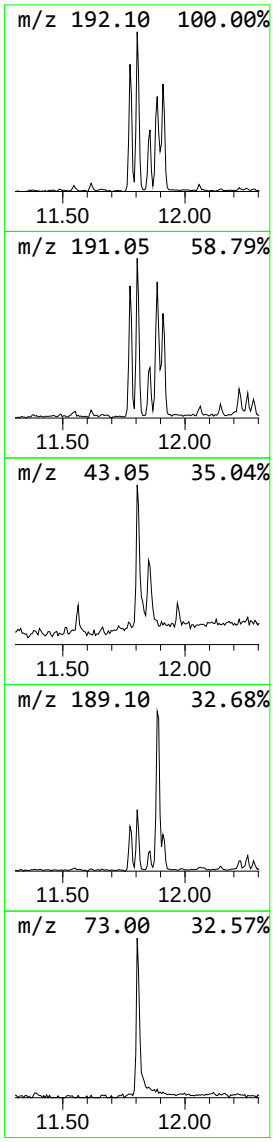
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	15.61 ng	325919	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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

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

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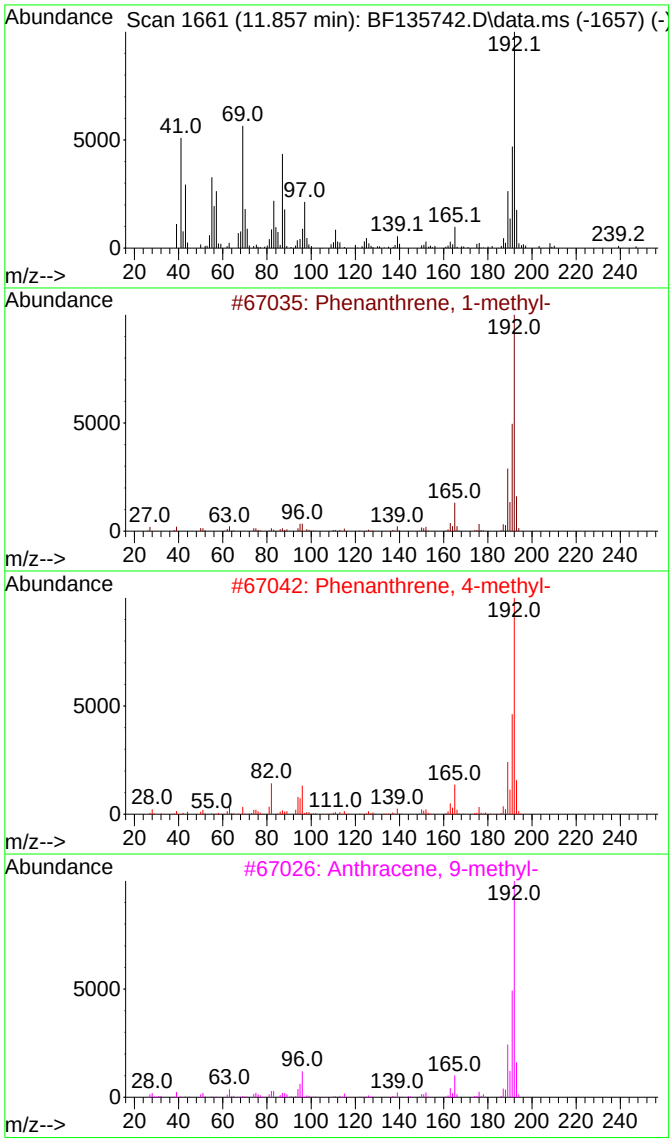
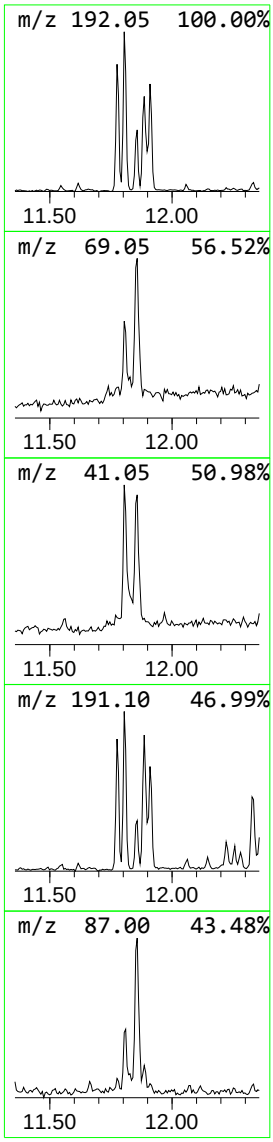
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	9.15 ng	191045	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	78





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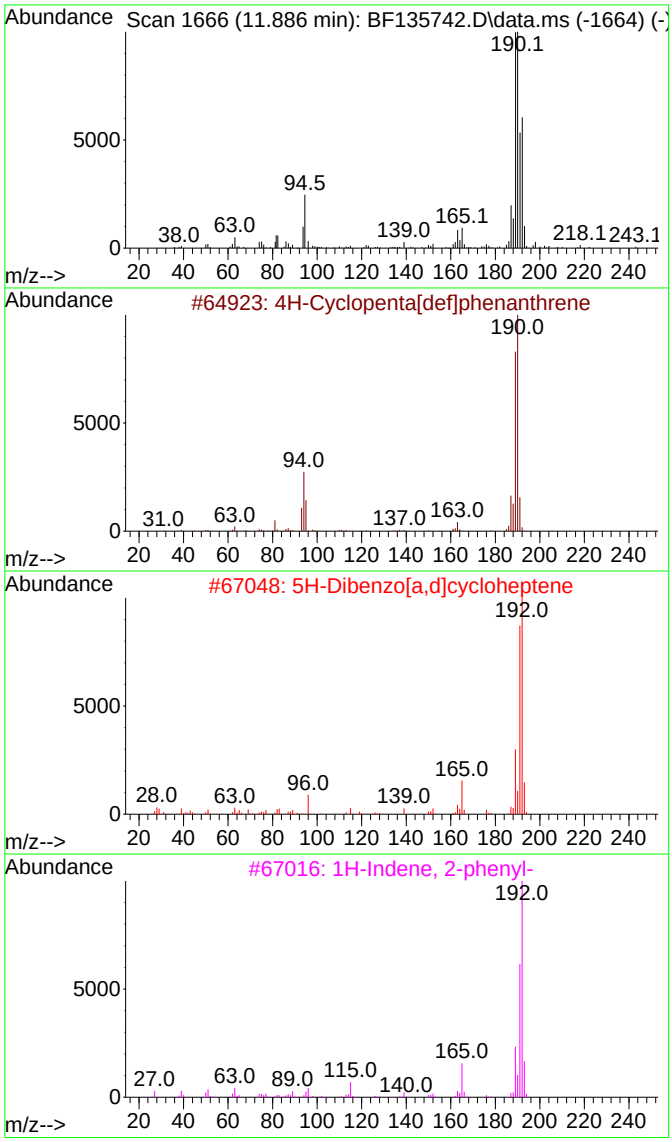
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

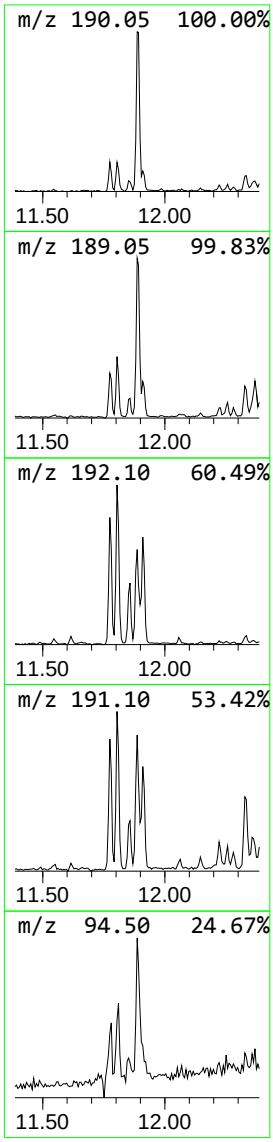
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	10.94 ng	228374	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	18





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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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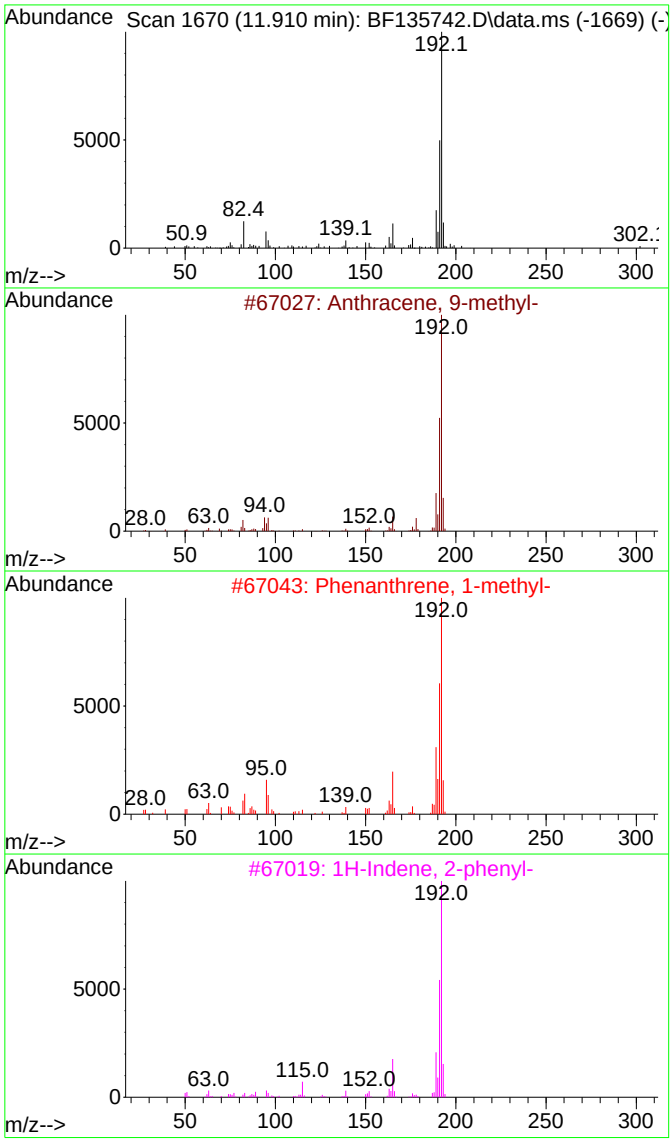
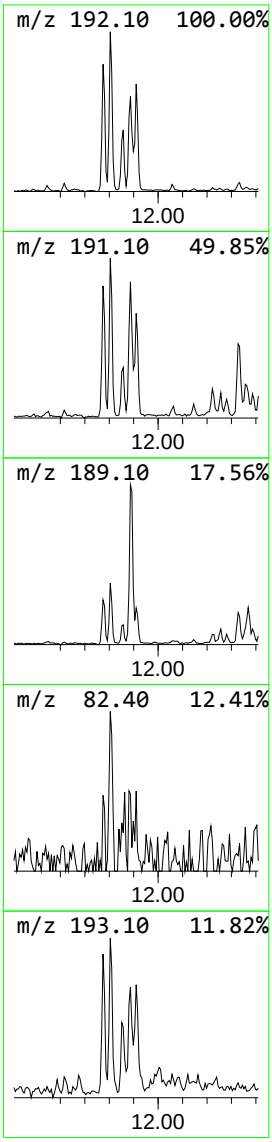
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.22 ng	67187	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	72





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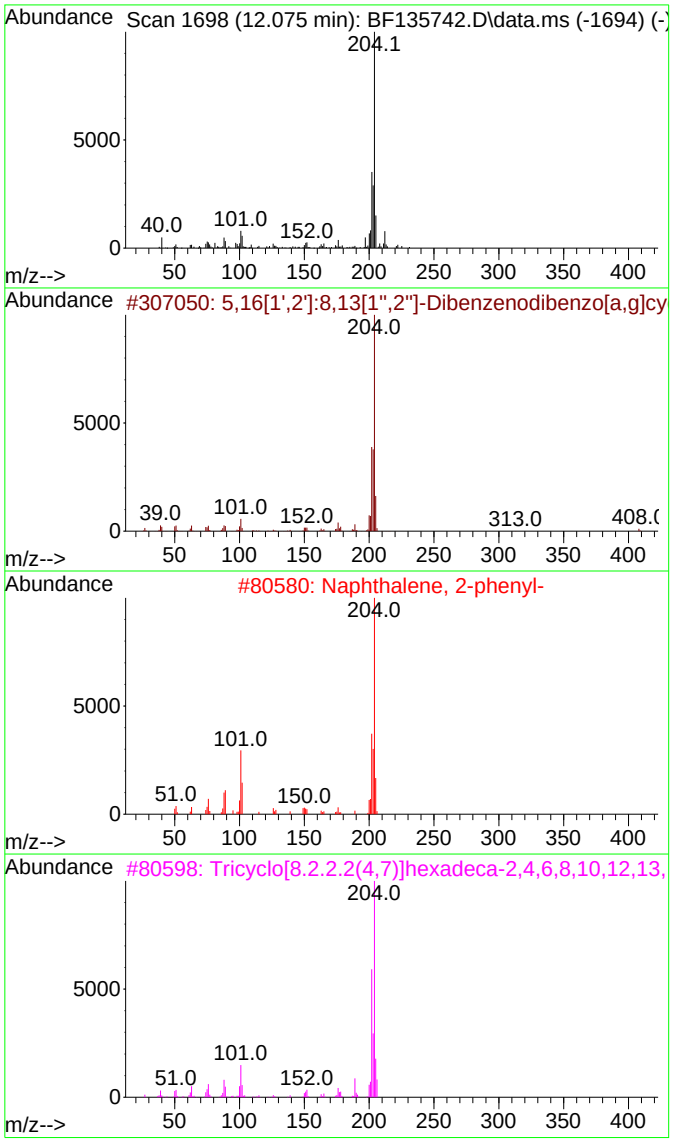
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

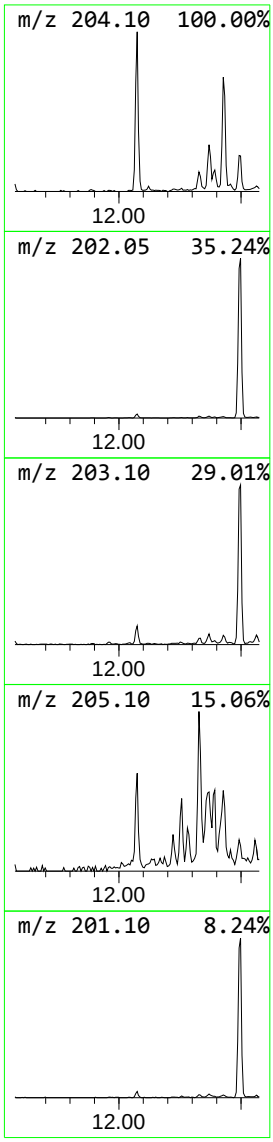
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	4.87 ng	101687	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	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

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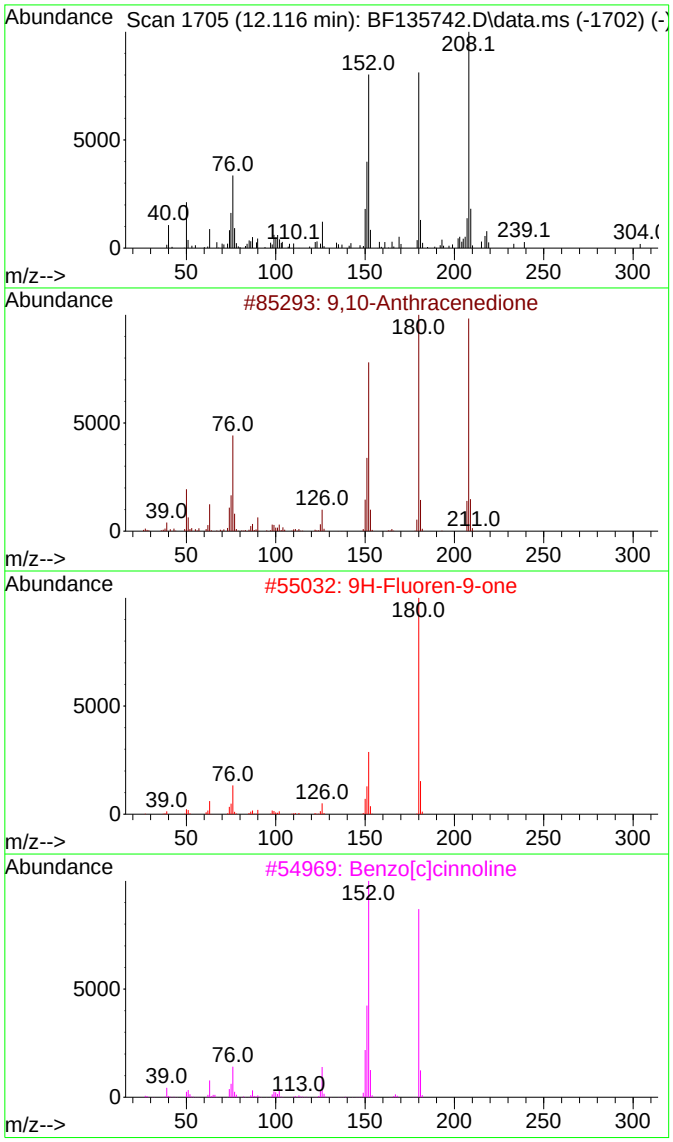
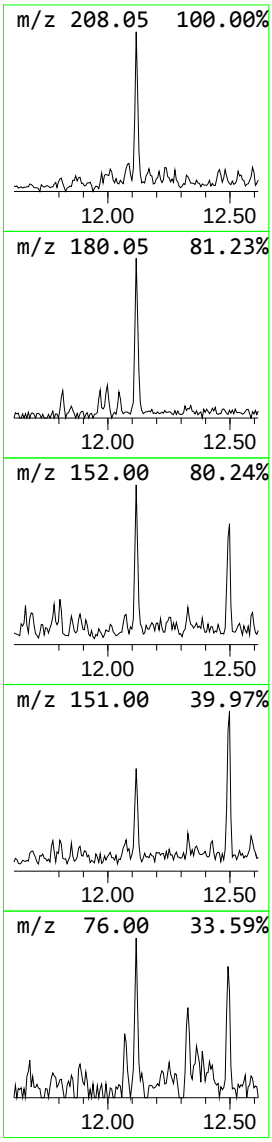
Peak Number 11 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.66 ng	55490	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	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

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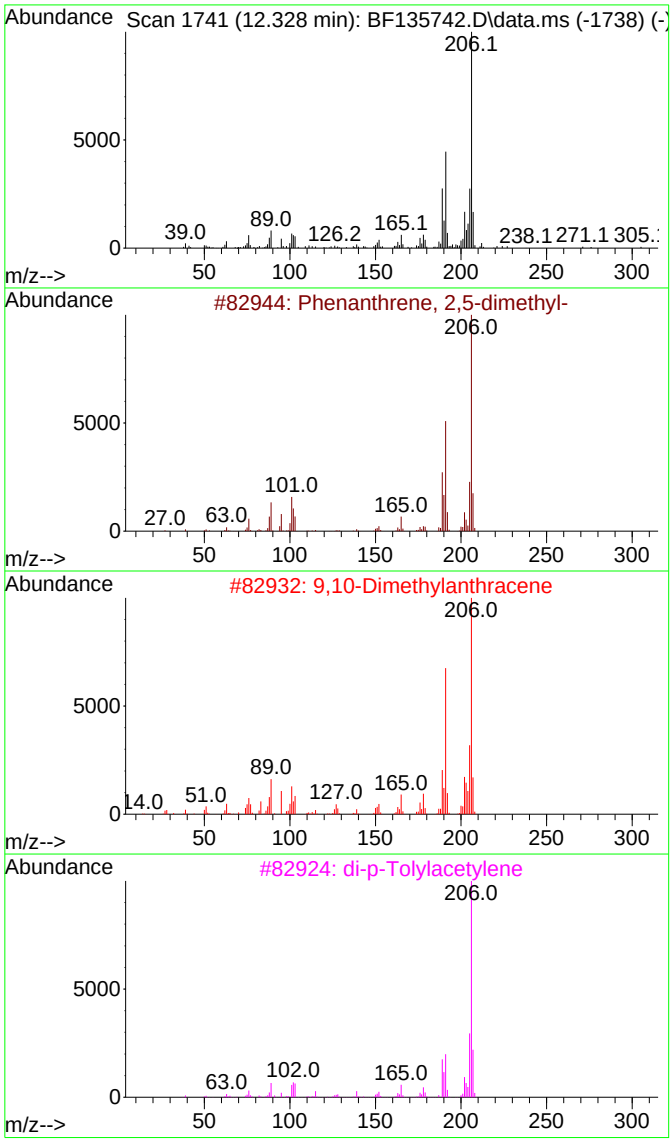
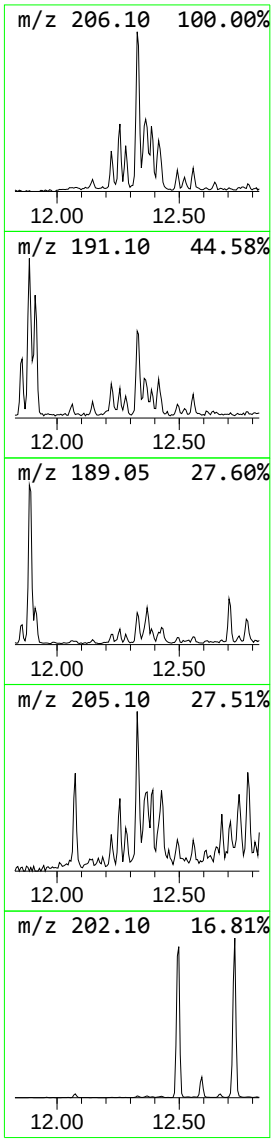
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	5.91 ng	123472	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90





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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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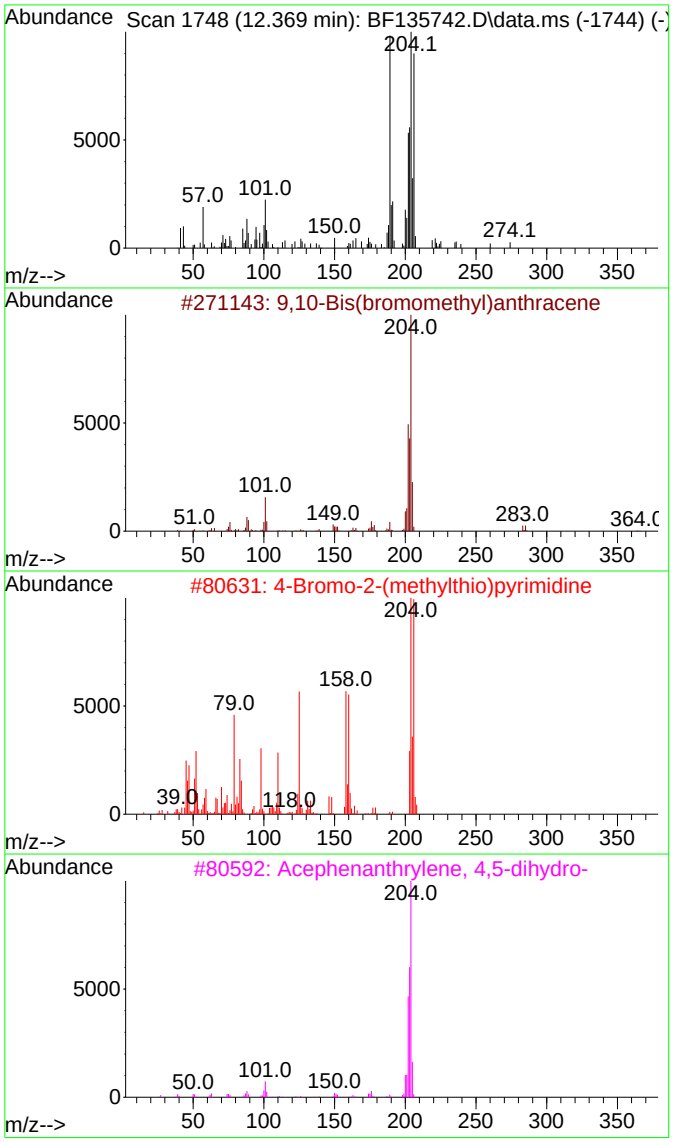
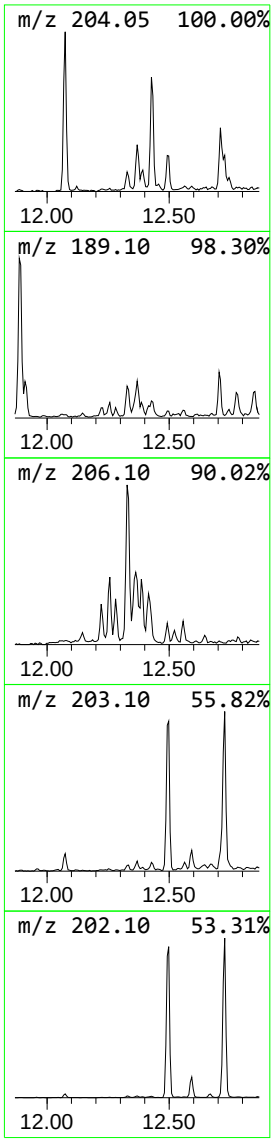
Peak Number 13 unknown12.369 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	4.73 ng	98842	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	4-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	959236-97-6	38
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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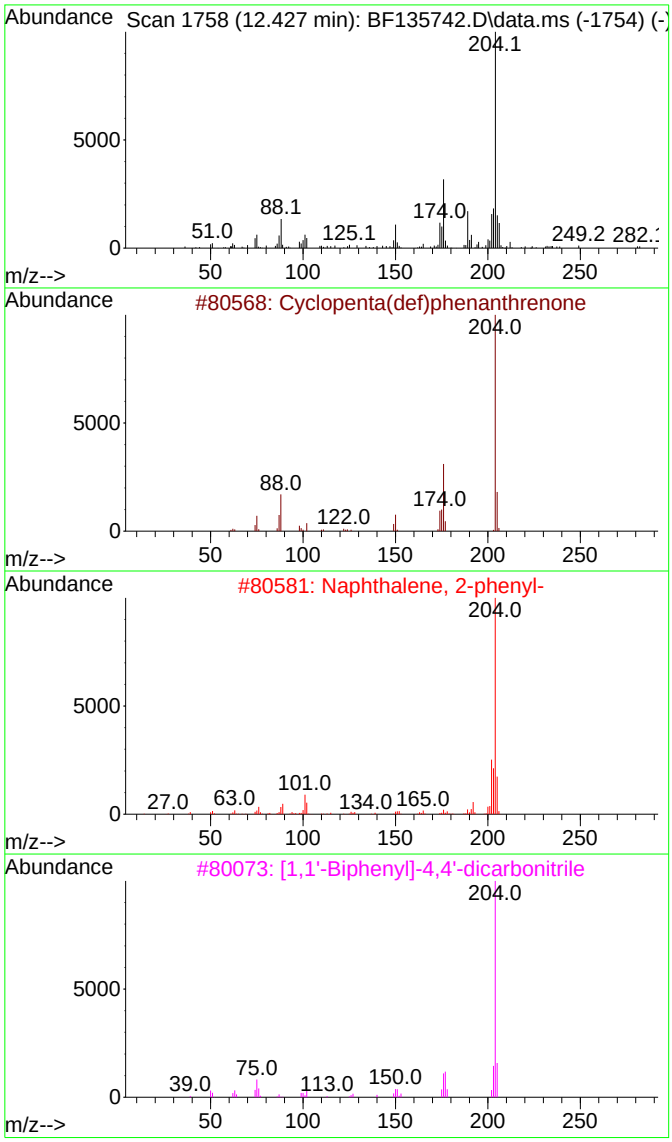
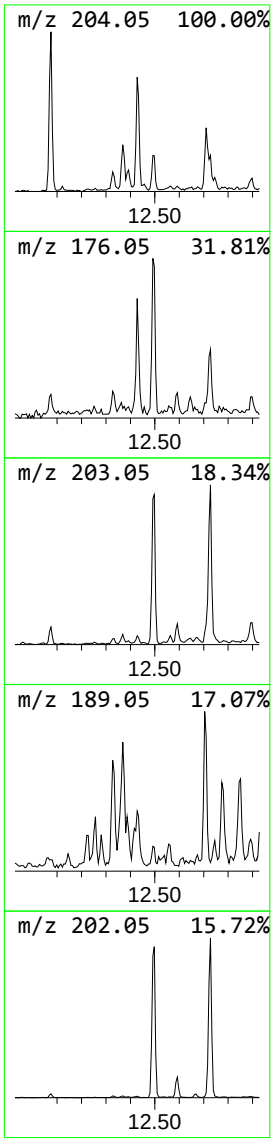
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.428	3.93 ng	82100	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	4-Bromo-2-methyl-2H-pyrazole-3-c...	204	C5H5BrN2O2	1000300-50-8	50
5	4-(p-Anisidino)-3-pyrrolin-2-one	204	C11H12N2O2	1000260-86-2	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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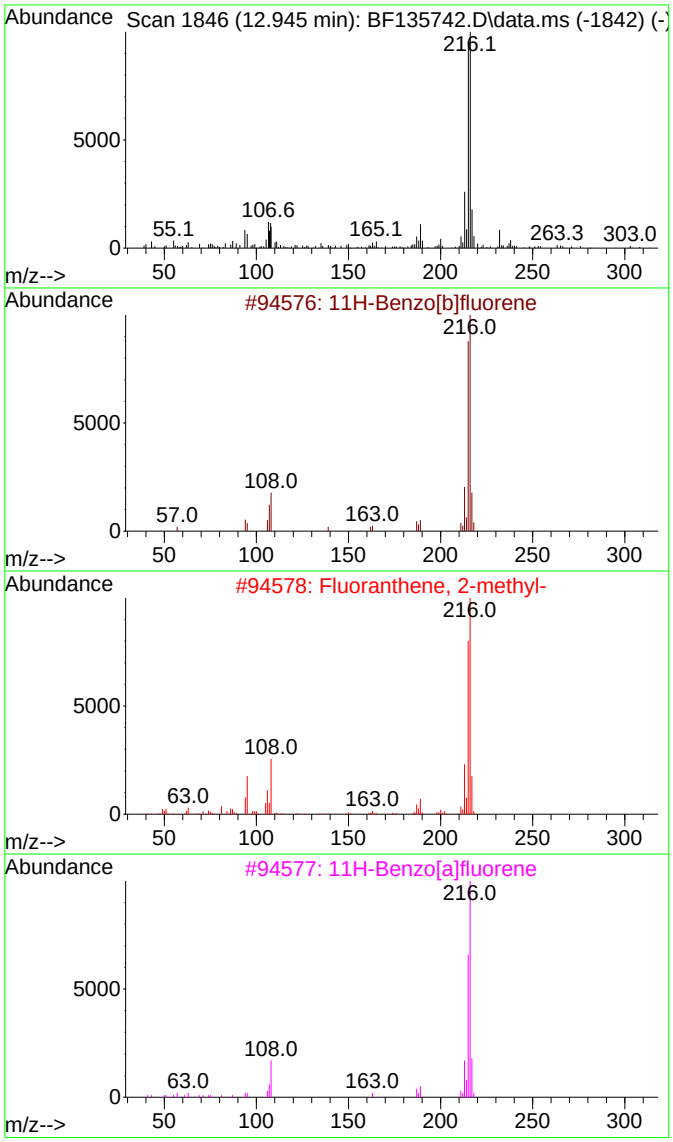
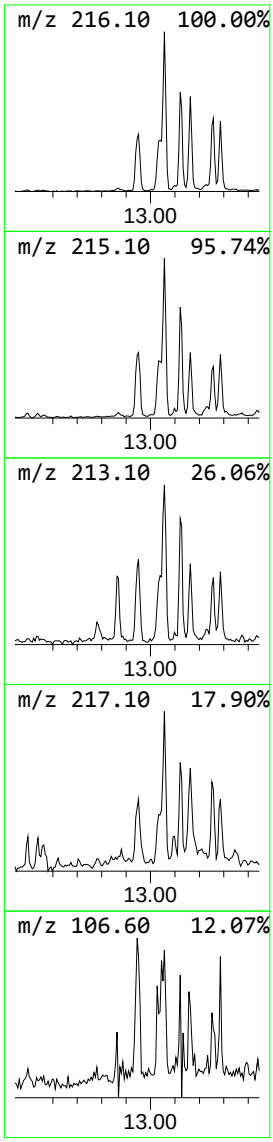
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	5.10 ng	173134	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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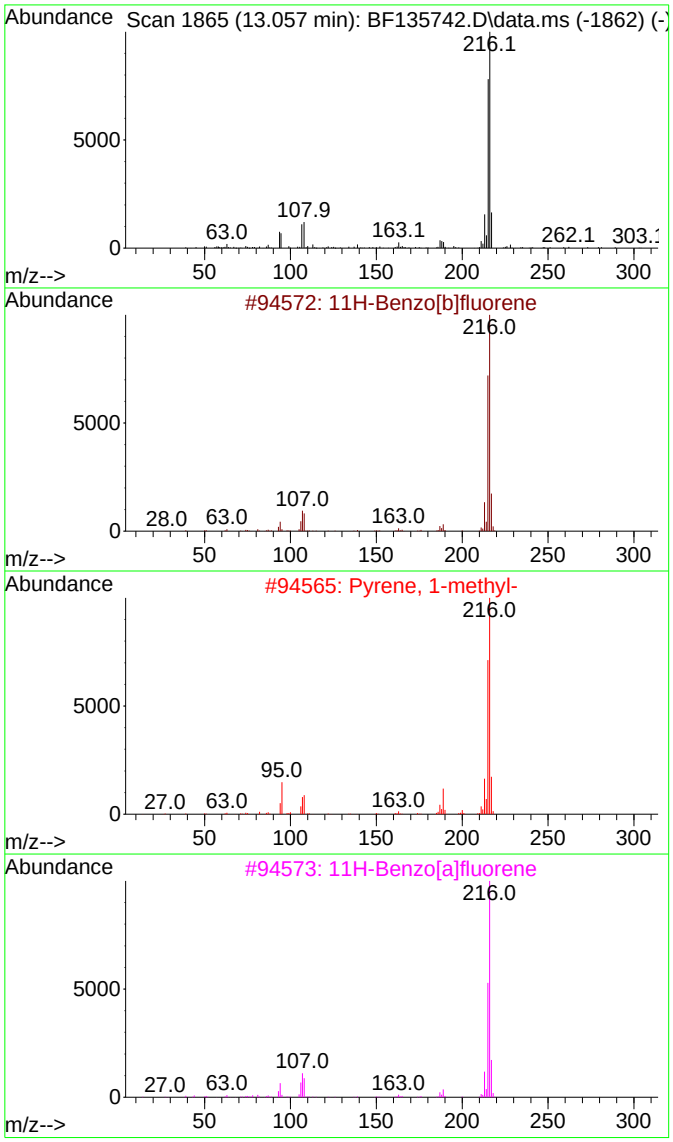
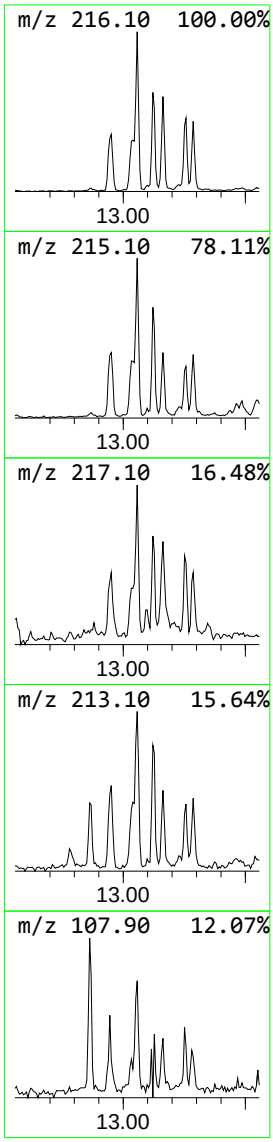
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	5.96 ng	202114	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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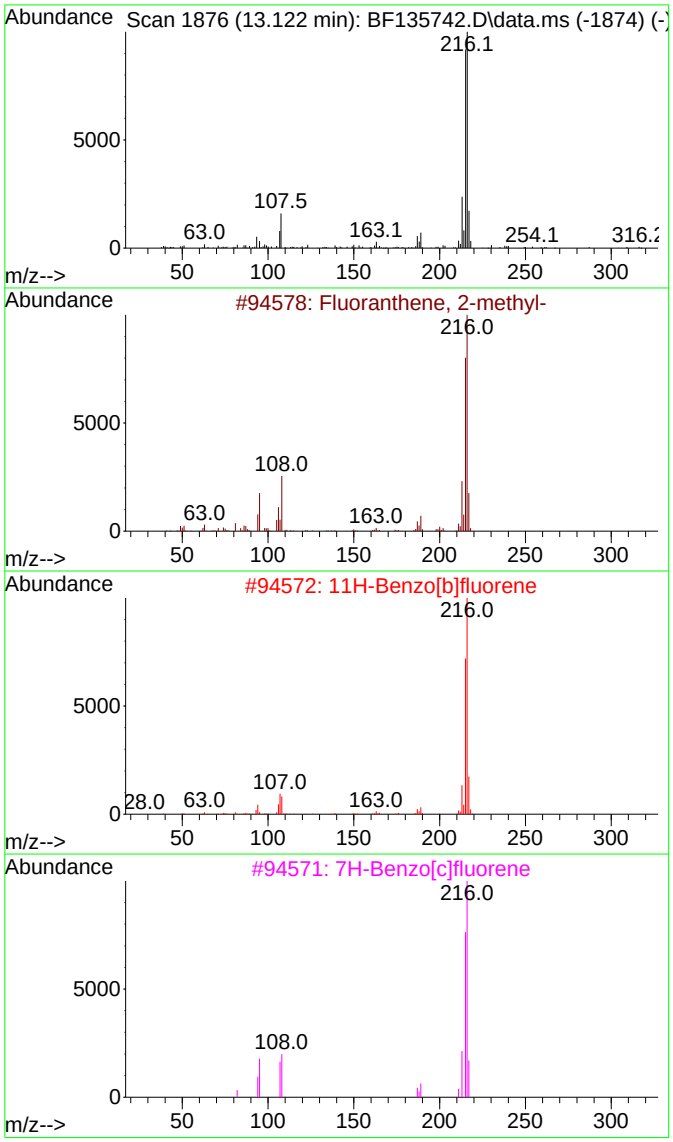
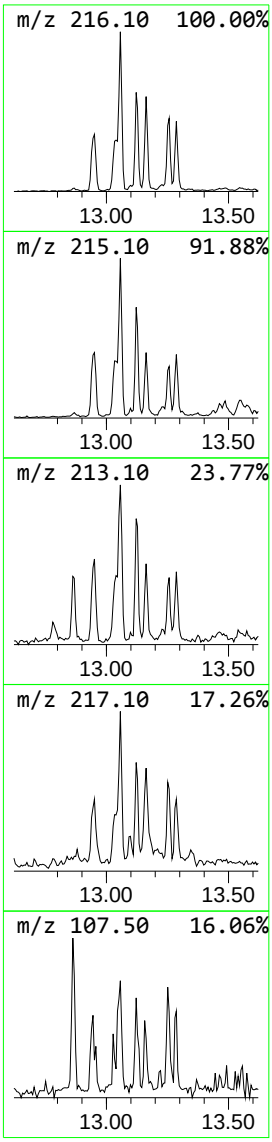
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.122	3.69 ng	125169	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Data File : BF135742.D
Acq On : 12 Oct 2023 19:04
Operator : CG\JU
Sample : 04657-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

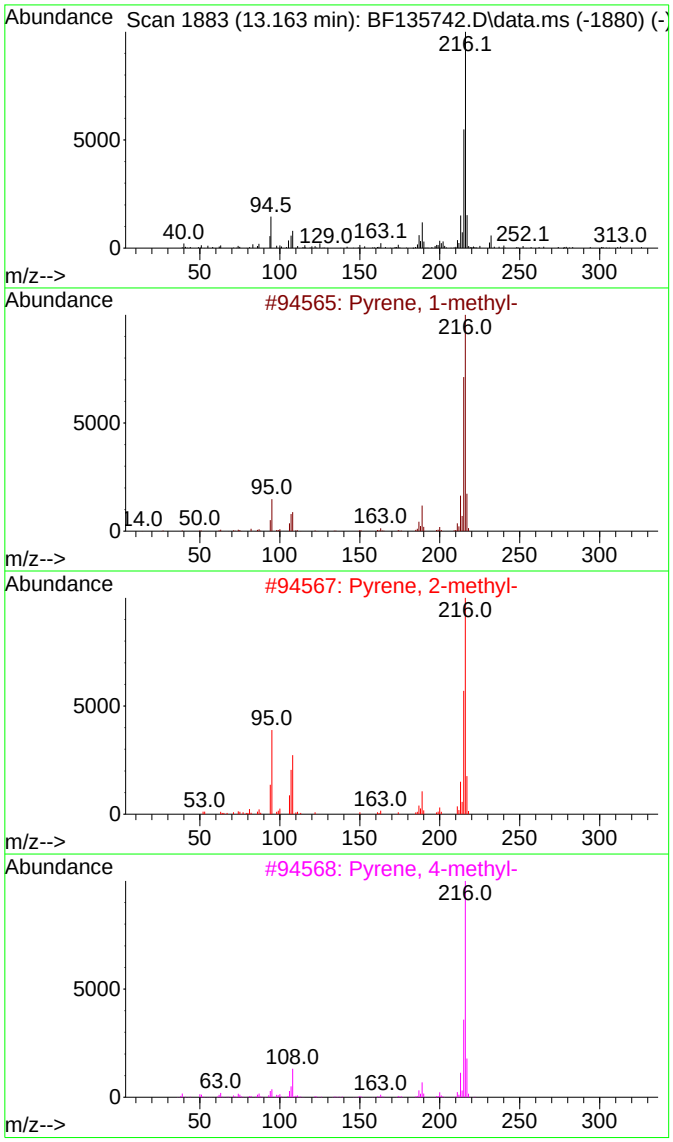
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

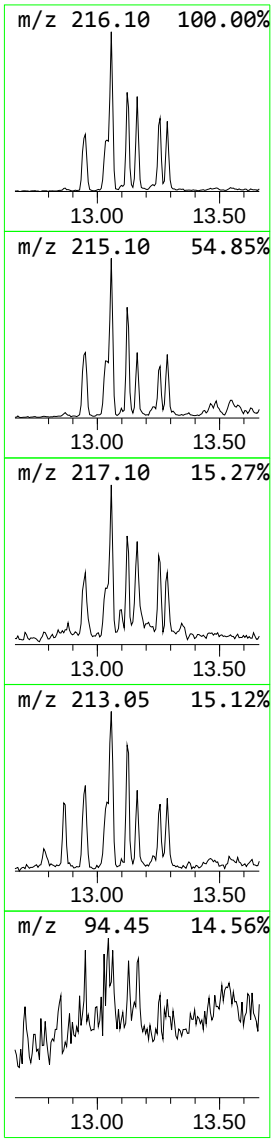
****

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.66 ng	158000	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135742.D
Acq On : 12 Oct 2023 19:04
Operator : CG\JU
Sample : 04657-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

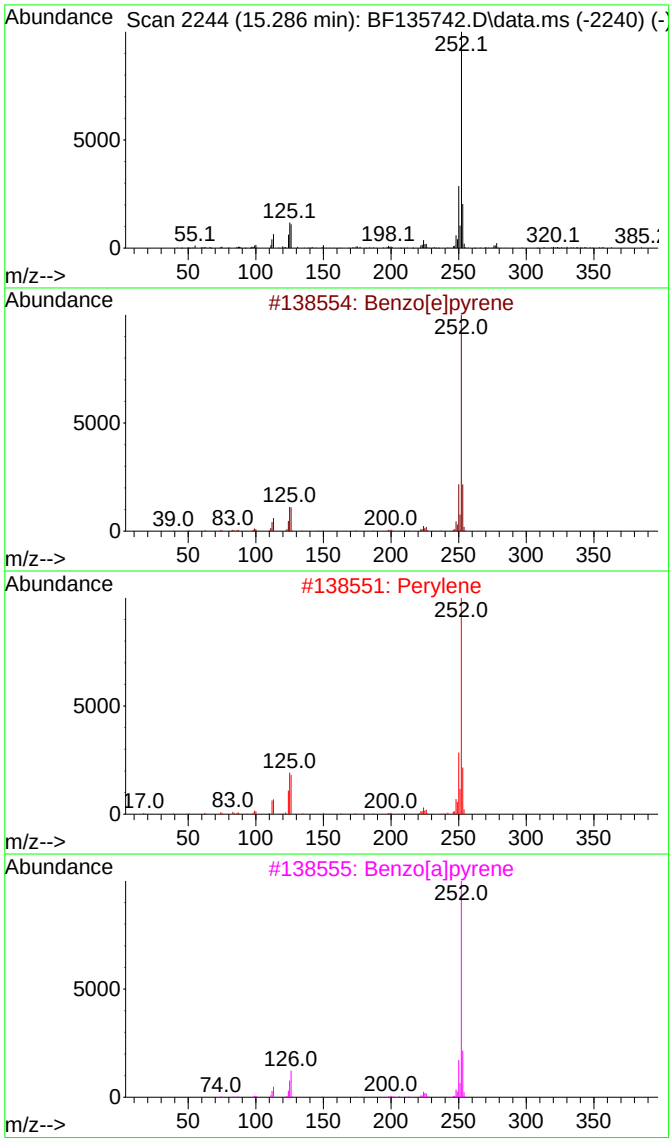
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

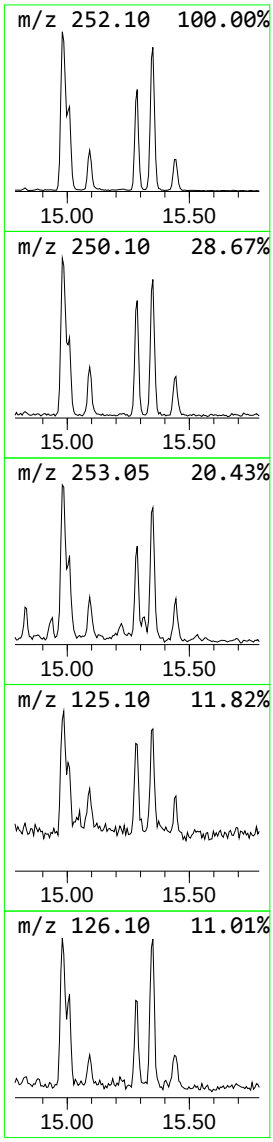
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	14.91 ng	137237	Perylene-d12	15.410

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135742.D
Acq On : 12 Oct 2023 19:04
Operator : CG\JU
Sample : 04657-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
n-Dodecyl metha...	11.004	14.2	ng	296794	4	11.269	417626	20.0
2-Propanol, 1-c...	11.134	4.2	ng	87516	4	11.269	417626	20.0
Dibenzothiophene	11.169	3.0	ng	62450	4	11.269	417626	20.0
1,1'-Biphenyl, ...	11.516	2.7	ng	55705	4	11.269	417626	20.0
Anthracene, 2-m...	11.775	6.7	ng	139729	4	11.269	417626	20.0
Phenanthrene, 2...	11.804	15.6	ng	325919	4	11.269	417626	20.0
Phenanthrene, 1...	11.857	9.2	ng	191045	4	11.269	417626	20.0
4H-Cyclopenta[d...	11.886	10.9	ng	228374	4	11.269	417626	20.0
Anthracene, 9-m...	11.910	3.2	ng	67187	4	11.269	417626	20.0
5,16[1',2']:8,1...	12.075	4.9	ng	101687	4	11.269	417626	20.0
9,10-Anthracene...	12.116	2.7	ng	55490	4	11.269	417626	20.0
Phenanthrene, 2...	12.328	5.9	ng	123472	4	11.269	417626	20.0
unknown12.369	12.369	4.7	ng	98842	4	11.269	417626	20.0
Cyclopenta(def)...	12.428	3.9	ng	82100	4	11.269	417626	20.0
11H-Benzo[b]flu...	12.945	5.1	ng	173134	5	13.933	678419	20.0
11H-Benzo[a]flu...	13.057	6.0	ng	202114	5	13.933	678419	20.0
Fluoranthene, 2...	13.122	3.7	ng	125169	5	13.933	678419	20.0
Pyrene, 1-methyl-	13.163	4.7	ng	158000	5	13.933	678419	20.0
Benzo[e]pyrene	15.286	14.9	ng	137237	6	15.410	184133	20.0