LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-2-062725

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142958.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	556	561	576	rVB	40367	57175	3.07%	0.327%
2	6.504	729	733	746	rBB	37511	53519	2.87%	0.306%
3	6.875	791	796	802	rBV	173801	214424	11.51%	1.227%
4	7.434	887	891	901	rVB	24431	35846	1.92%	0.205%
5	8.157	1007	1014	1022	rBV2	214224	353609	18.99%	2.023%
6	8.869	1131	1135	1139	rBV	44088	52668	2.83%	0.301%
7	8.969	1148	1152	1159	rBV	41520	57799	3.10%	0.331%
8	9.233	1192	1197	1201	rVB	64895	81346	4.37%	0.465%
9	9.498	1236	1242	1247	rBV	25003	40482	2.17%	0.232%
10	9.569	1247	1254	1257	rVV	35892	53416	2.87%	0.306%
11	9.598	1257	1259	1262	rVV	20891	25591	1.37%	0.146%
12	9.692	1271	1275	1284	rVB	19226	34639	1.86%	0.198%
13	9.775	1284	1289	1294	rBV	47029	63939	3.43%	0.366%
14	9.916	1305	1313	1316	rBV	241353	327738	17.60%	1.875%
15	9.945	1316	1318	1323	rVB	136028	148903	7.99%	0.852%
16	10.116	1343	1347	1351	rVV	84944	113982	6.12%	0.652%
17	10.157	1351	1354	1358	rVB2	16593	20809	1.12%	0.119%
18	10.228	1362	1366	1369	rBV2	16905	24092	1.29%	0.138%
19	10.339	1377	1385	1388	rBV2	21972	42675	2.29%	0.244%
20	10.463	1401	1406	1411	rVB	155087	194832	10.46%	1.115%
21	10.551	1411	1421	1427	rBV5	28443	84454	4.53%	0.483%
22	10.616	1427	1432	1437	rVB3	31365	50188	2.69%	0.287%
23	10.704	1441	1447	1452	rBV	70664	99423	5.34%	0.569%
24	10.822	1462	1467	1475	rVB3	37826	73126	3.93%	0.418%
25	11.010	1493	1499	1502	rBV2	37240	59552	3.20%	0.341%
26	11.092	1510	1513	1516	rVB2	16595	20144	1.08%	0.115%
27	11.139	1516	1521	1523	rBV4	16902	29289	1.57%	0.168%
28	11.210	1529	1533	1537	rVV	18567	23946	1.29%	0.137%
29	11.257	1537	1541	1544	rVV2	33609	49470	2.66%	0.283%
30	11.298	1544	1548	1554	rVB	73775	105641	5.67%	0.604%
31	11.404	1561	1566	1567	rBV	280051	309238	16.60%	1.769%
32	11.427	1567	1570	1575	rVV	841732	1127702	60.55%	6.453%
33	11.480	1575	1579	1583	rVV	278734	348984	18.74%	1.997%
34	11.516	1583	1585	1590	rVB2	17488	22157	1.19%	0.127%
35	11.633	1601	1605	1611	rBV	65947	100991	5.42%	0.578%
36	11.692	1611	1615	1619	rVV2	34889	56378	3.03%	0.323%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.739	1619	1623	1627	rVB2	27350	38619	2.07%	0.221%
38	11.816	1633	1636	1640	rVB	17738	24507	1.32%	0.140%
39	11.910	1647	1652	1654	rBV	107147	165342	8.88%	0.946%
40	11.933	1654	1656	1660	rVB	158114	174540	9.37%	0.999%
41	11.980	1660	1664	1667	rBV	63819	83018	4.46%	0.475%
42	12.022	1667	1671	1679	rVB3	251627	431730	23.18%	2.470%
43	12.092	1679	1683	1689	rBV4	24862	48389	2.60%	0.277%
44	12.204	1697	1702	1704	rBV	79885	104354	5.60%	0.597%
45	12.227	1704	1706	1711	rVB	44209	53137	2.85%	0.304%
46	12.380	1729	1732	1735	rBV	22589	24853	1.33%	0.142%
47	12.457	1740	1745	1748	rBV	82922	127038	6.82%	0.727%
48	12.492	1748	1751	1757	rVB2	54967	92097	4.94%	0.527%
49	12.545	1757	1760	1768	rVB2	72196	109281	5.87%	0.625%
50	12.627	1768	1774	1778	rBV	1368790	1814426	97.42%	10.382%
51	12.686	1778	1784	1786	rVB2	21271	34430	1.85%	0.197%
52	12.716	1786	1789	1792	rVB	20334	21465	1.15%	0.123%
53	12.774	1792	1799	1805	rBV2	59495	109710	5.89%	0.628%
54	12.857	1805	1813	1818	rBV	1182982	1862546	100.00%	10.657%
55	12.904	1818	1821	1825	rVB2	64245	85892	4.61%	0.491%
56	12.986	1828	1835	1843	rVB3	120109	299241	16.07%	1.712%
57	13.069	1843	1849	1854	rBV3	114829	228333	12.26%	1.306%
58	13.180	1860	1868	1872	rVB	201312	370613	19.90%	2.121%
59	13.245	1872	1879	1882	rBV	181050	252283	13.55%	1.444%
60	13.280	1882	1885	1893	rVB3	123261	200860	10.78%	1.149%
61	13.374	1898	1901	1904	rVV	72601	98999	5.32%	0.566%
62	13.410	1904	1907	1915	rVB2	78119	121672	6.53%	0.696%
63	13.557	1929	1932	1934	rBV3	22516	31086	1.67%	0.178%
64	13.663	1947	1950	1951	rBV	32028	34752	1.87%	0.199%
65	13.692	1952	1955	1959	rVB	67609	90922	4.88%	0.520%
66	13.798	1969	1973	1976	rBV2	104568	163430	8.77%	0.935%
67	13.827	1976	1978	1980	rVV	97924	113283	6.08%	0.648%
68	13.857	1980	1983	1987	rVV2	99545	174600	9.37%	0.999%
69	13.898	1987	1990	1997	rVB	68533	97254	5.22%	0.556%
70	14.045	2009	2015	2018	rBV2	746676	1211847	65.06%	6.934%
71	14.080	2018	2021	2027	rVB	518594	710287	38.14%	4.064%
72	14.157	2031	2034	2038	rVB	86945	107243	5.76%	0.614%
73	14.198	2038	2041	2046	rBV2	37667	57696	3.10%	0.330%
74	14.439	2078	2082	2085	rBV	93660	113788	6.11%	0.651%
75	15.110	2190	2196	2210	rBV	463396	1119920	60.13%	6.408%
76	15.215	2211	2214	2220	rVB	85497	116952	6.28%	0.669%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.421	2244	2249	2254	rVB	222262	353707	18.99%	2.024%
78	15.486	2254	2260	2265	rBV	366834	569020	30.55%	3.256%
79	15.545	2265	2270	2273	rBV	147736	236596	12.70%	1.354%
80	17.056	2521	2527	2535	rVB2	171372	363354	19.51%	2.079%
81	17.515	2599	2605	2618	rVB	115873	275431	14.79%	1.576%

Sum of corrected areas: 17476710

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
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Misc :
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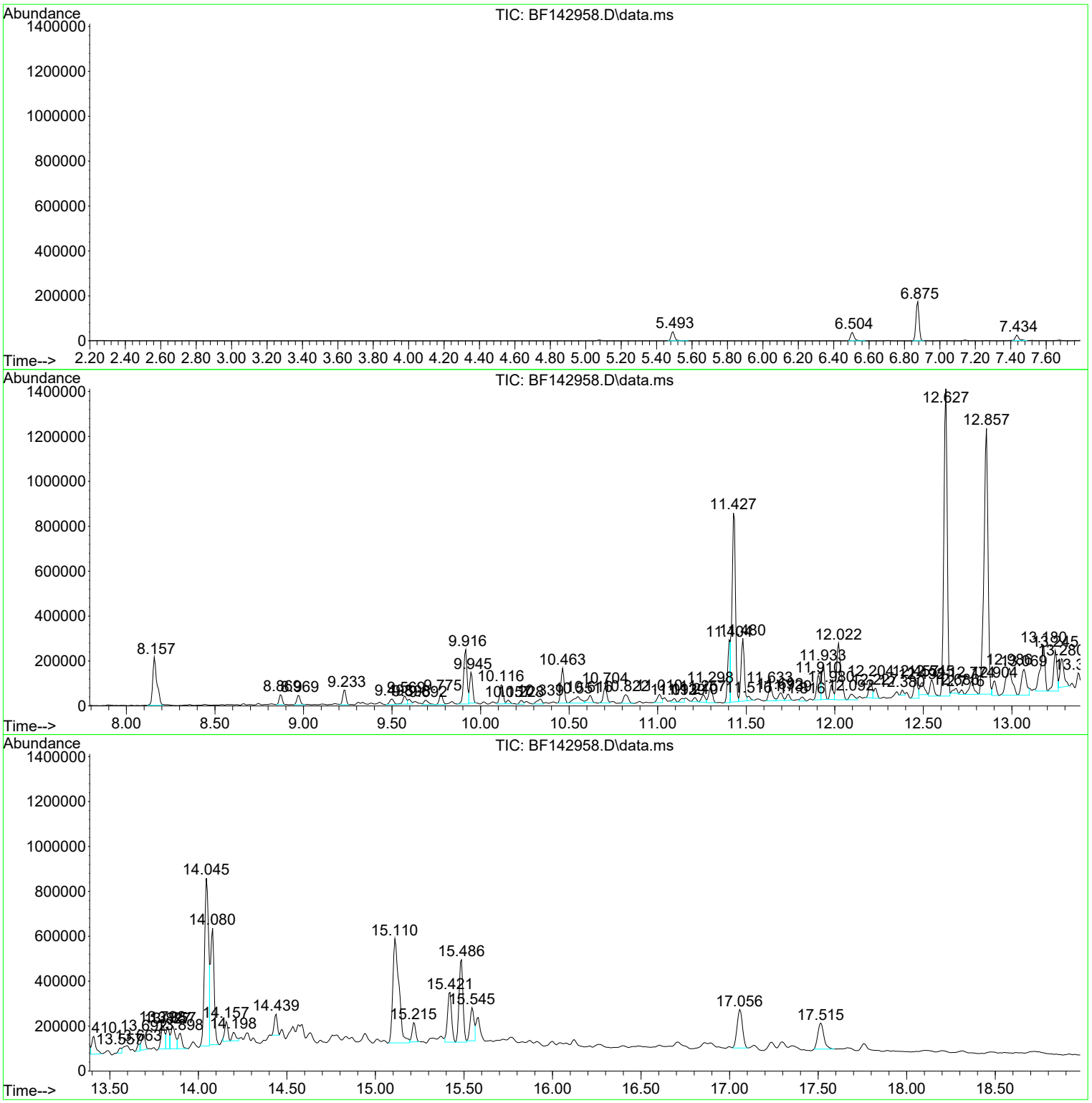
Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

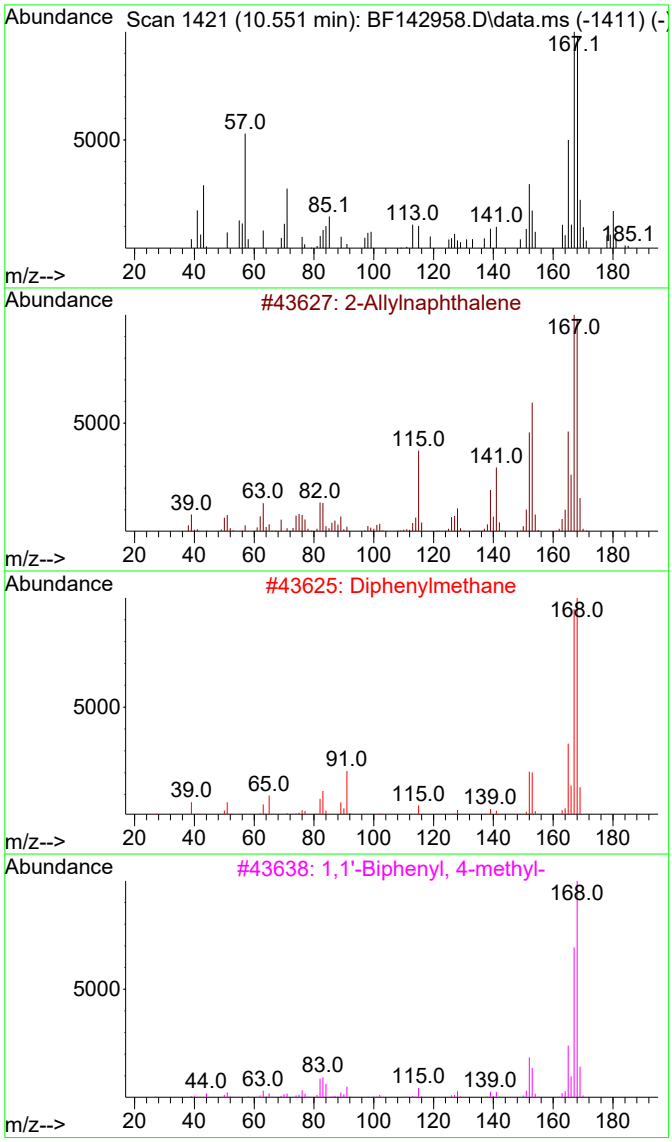
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

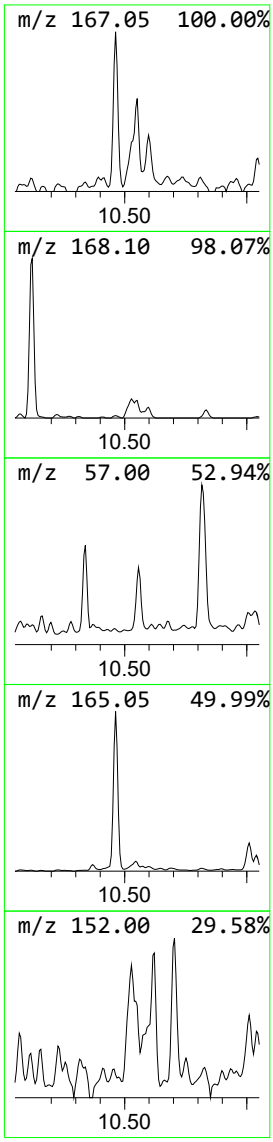
****

Peak Number 1 2-Allylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	5.15 ng	84454	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allylnaphthalene	168	C13H12	002489-87-4	70
2	Diphenylmethane	168	C13H12	000101-81-5	58
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

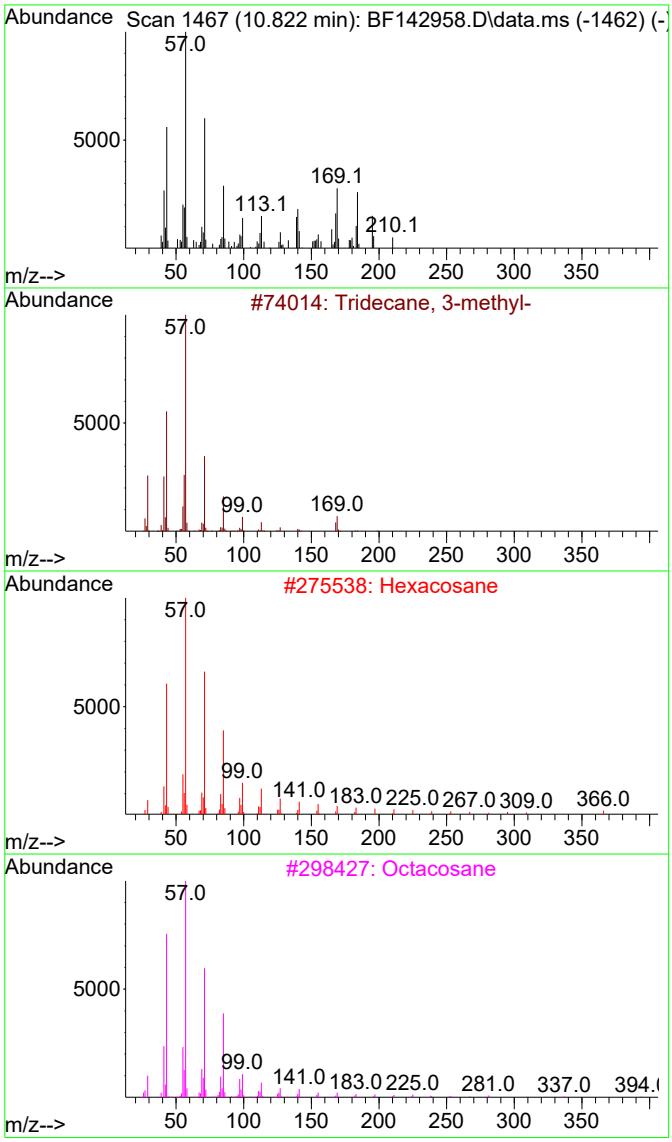
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

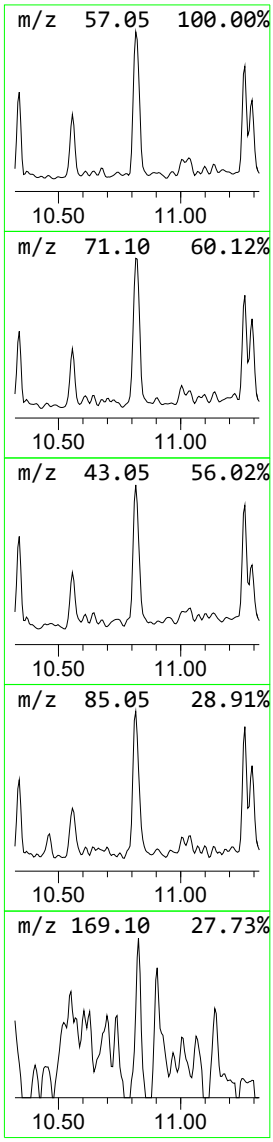
****

Peak Number 2 unknown10.822 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	4.73 ng	73126	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
2	Hexacosane	366	C26H54	000630-01-3	35
3	Octacosane	394	C28H58	000630-02-4	35
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	35
5	Tetracosane	338	C24H50	000646-31-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

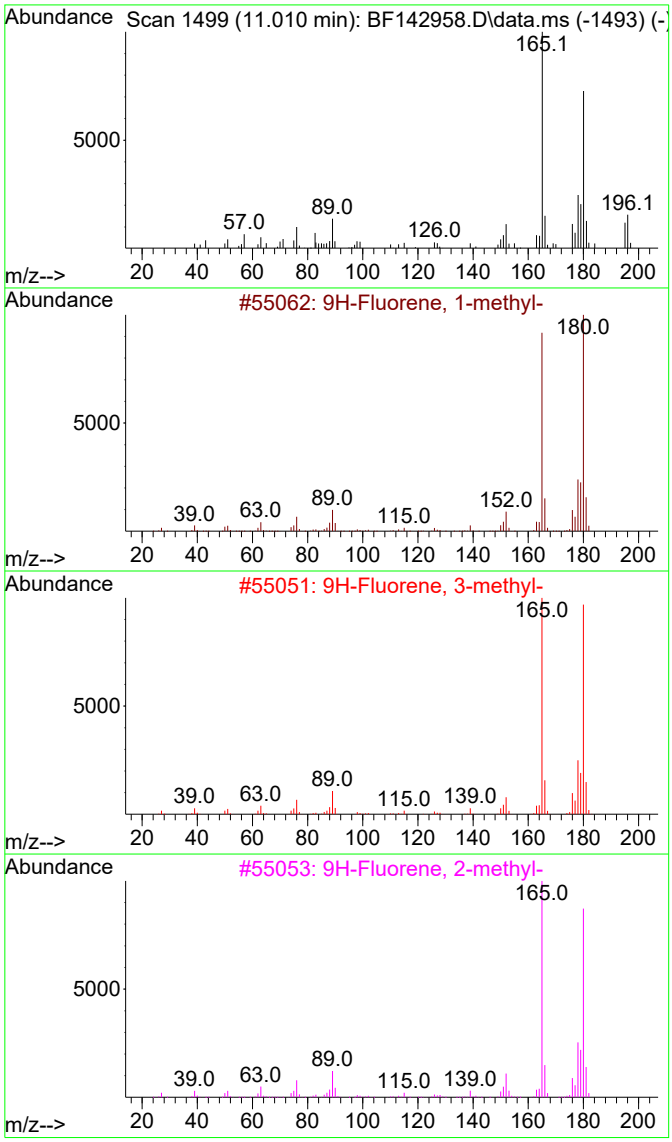
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

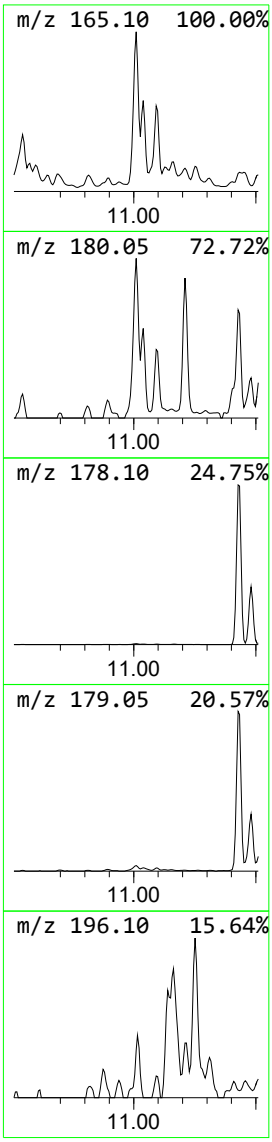
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	3.85 ng	59552	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

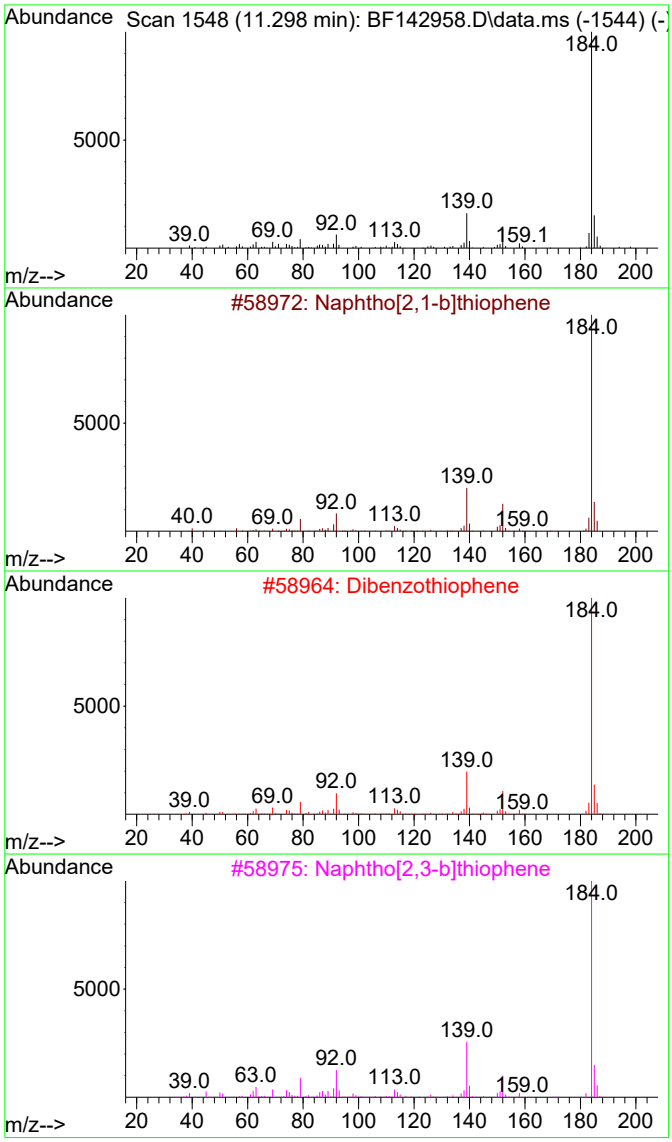
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

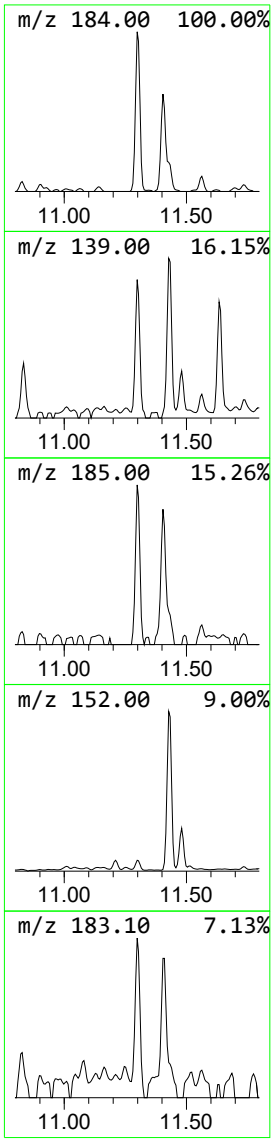
****

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	6.83 ng	105641	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

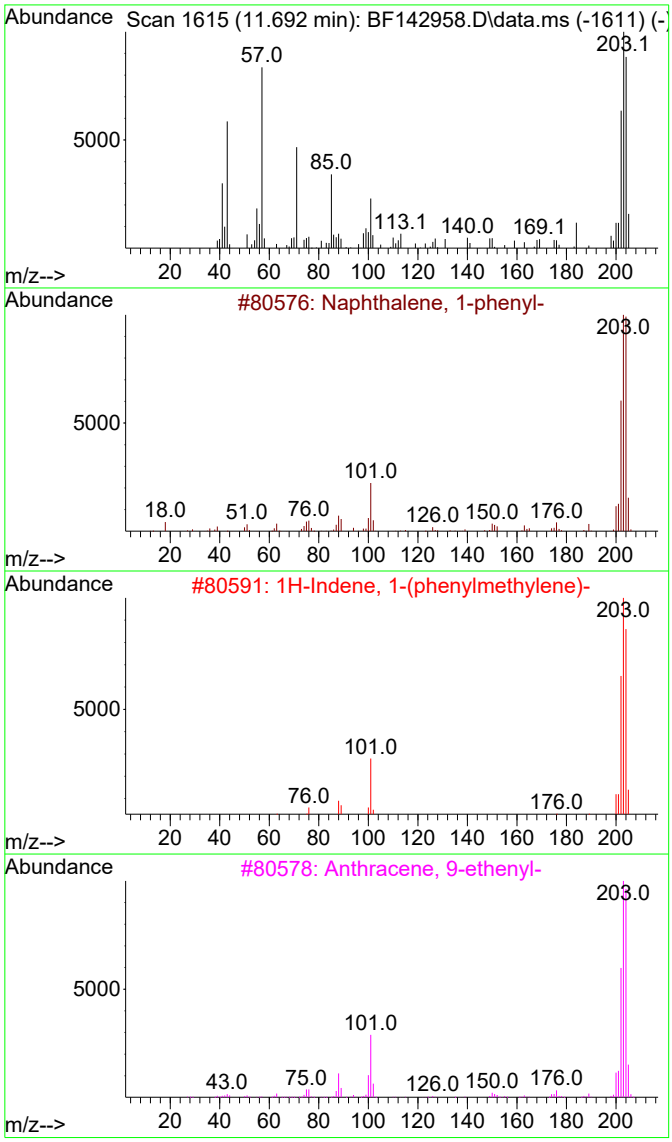
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

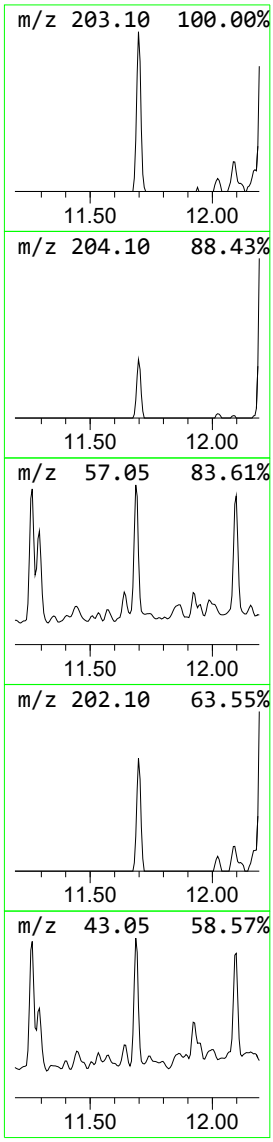
****

Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	3.65 ng	56378	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	78
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	78
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	78
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

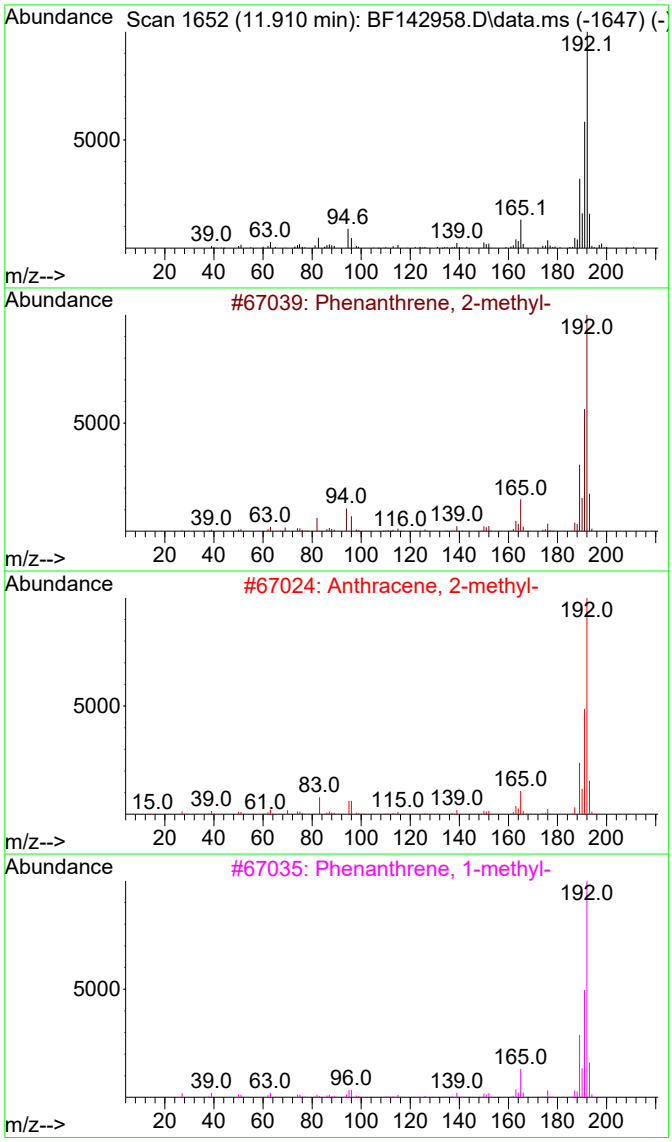
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

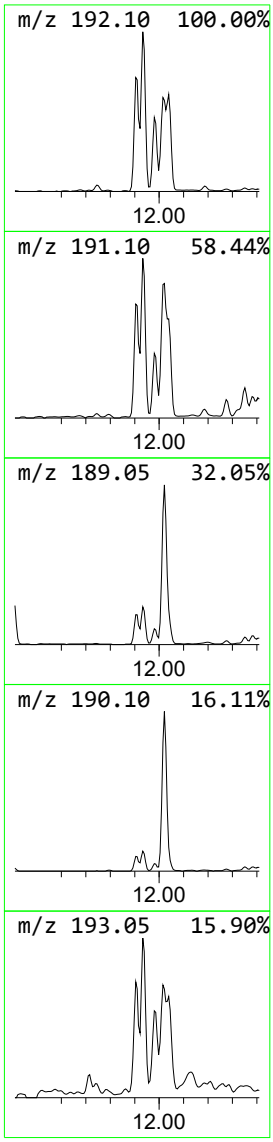
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	10.69 ng	165342	Phenanthrene-d10	11.404

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : Q2450-01 5X
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

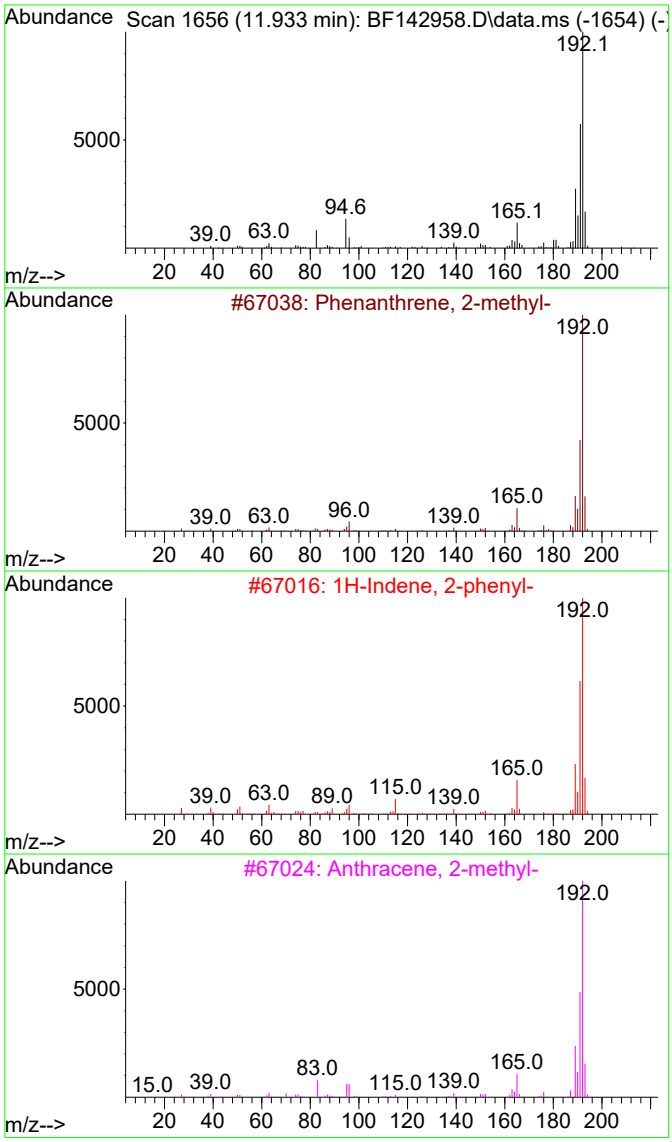
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

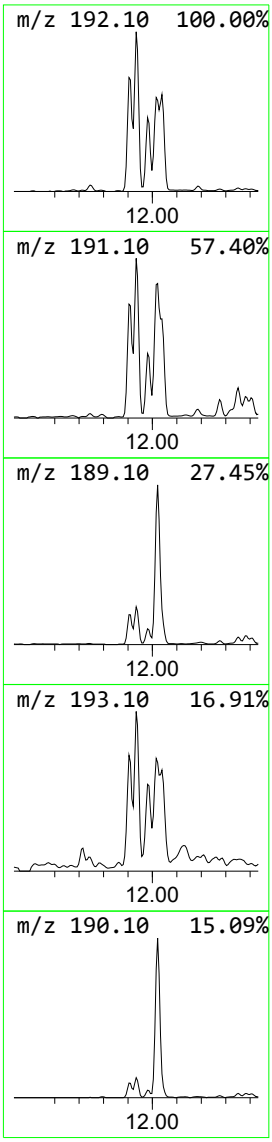
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	11.29 ng	174540	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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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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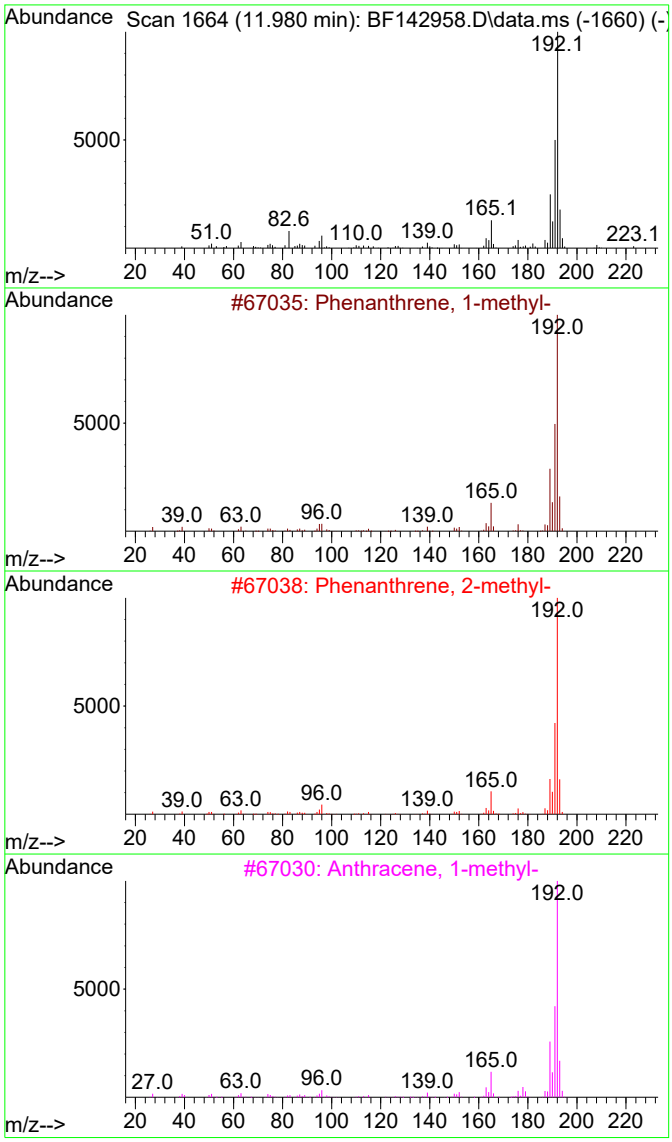
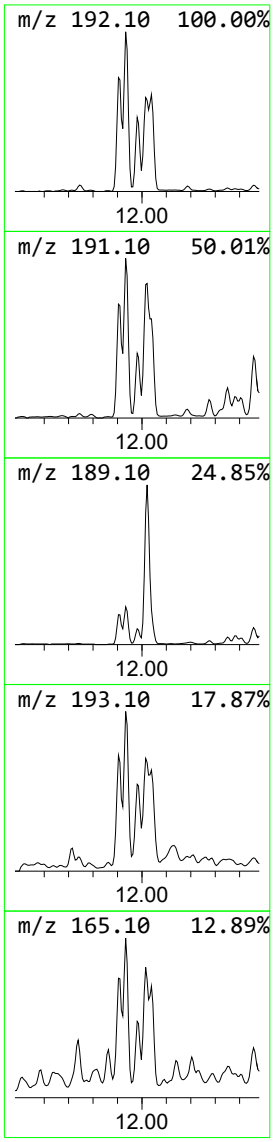
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.37 ng	83018	Phenanthrene-d10	11.404

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





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Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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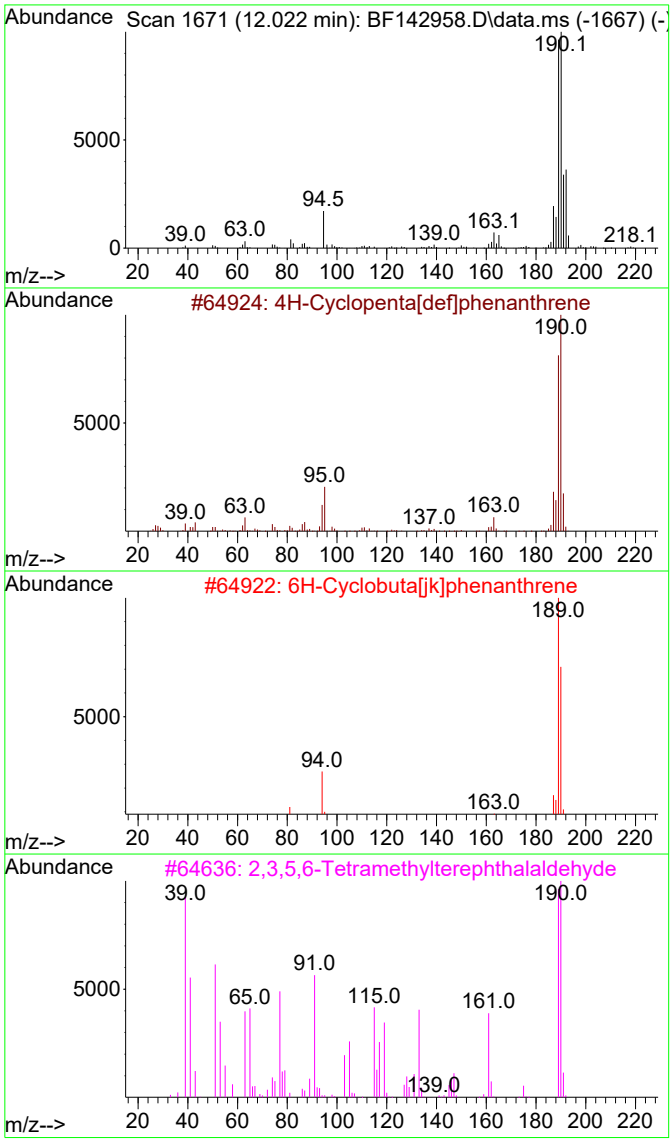
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

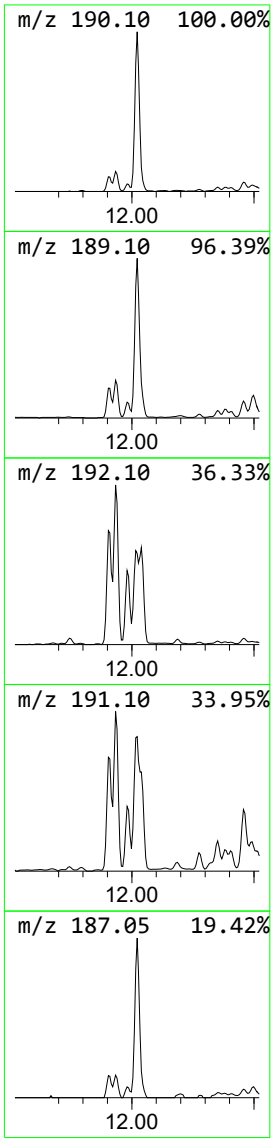
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	27.92 ng	431730	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35





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Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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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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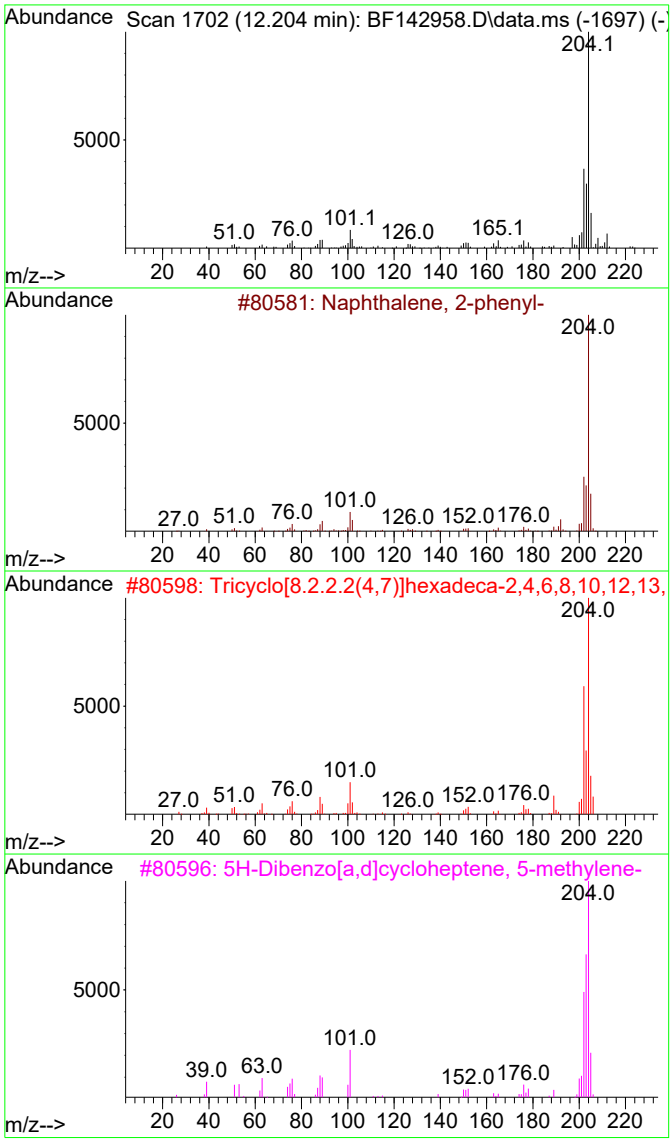
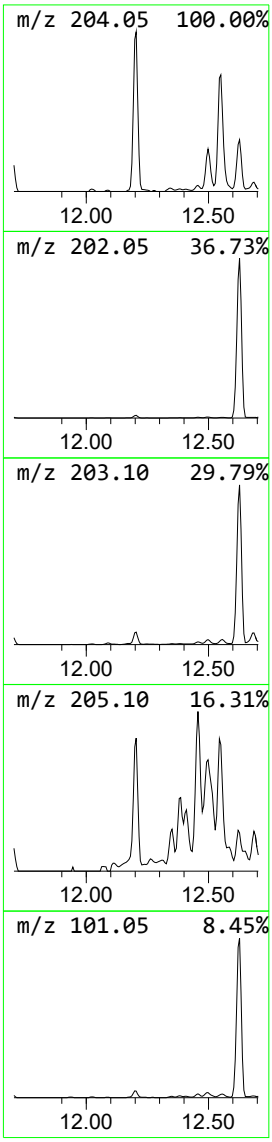
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	6.75 ng	104354	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	60
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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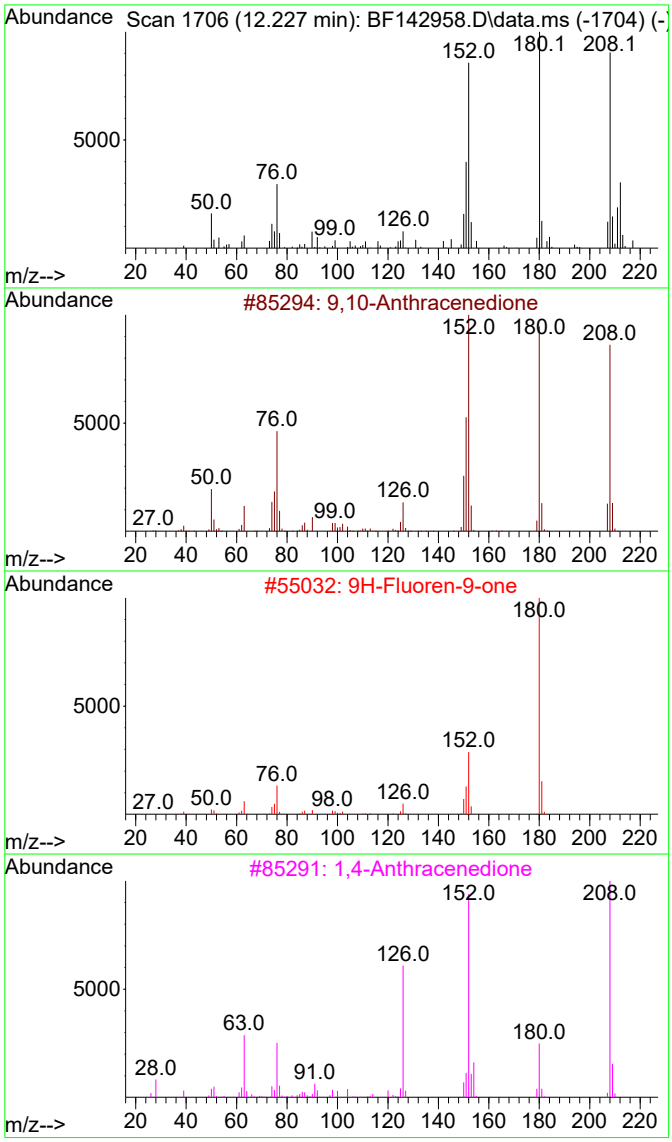
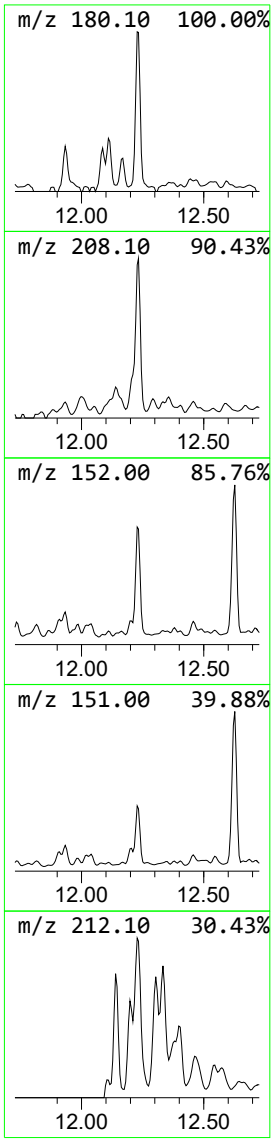
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	3.44 ng	53137	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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

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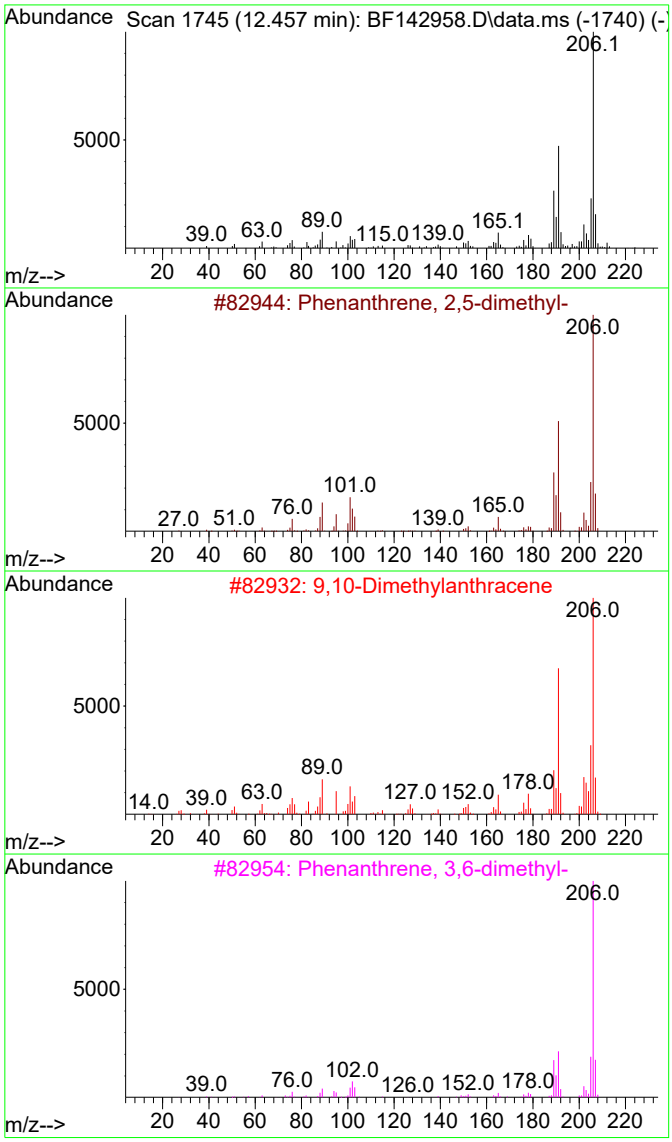
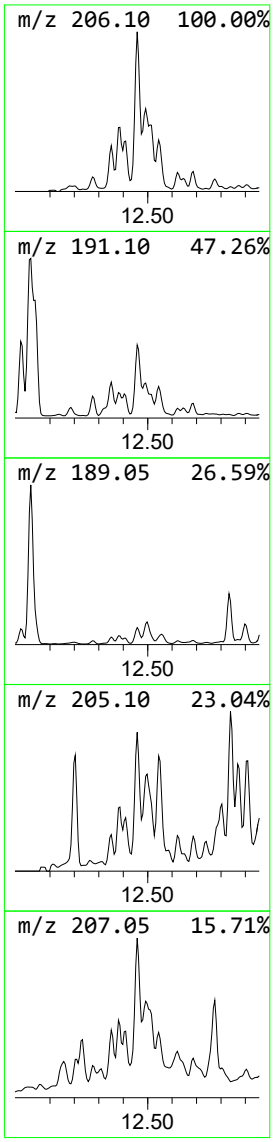
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	8.22 ng	127038	Phenanthrene-d10	11.404

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	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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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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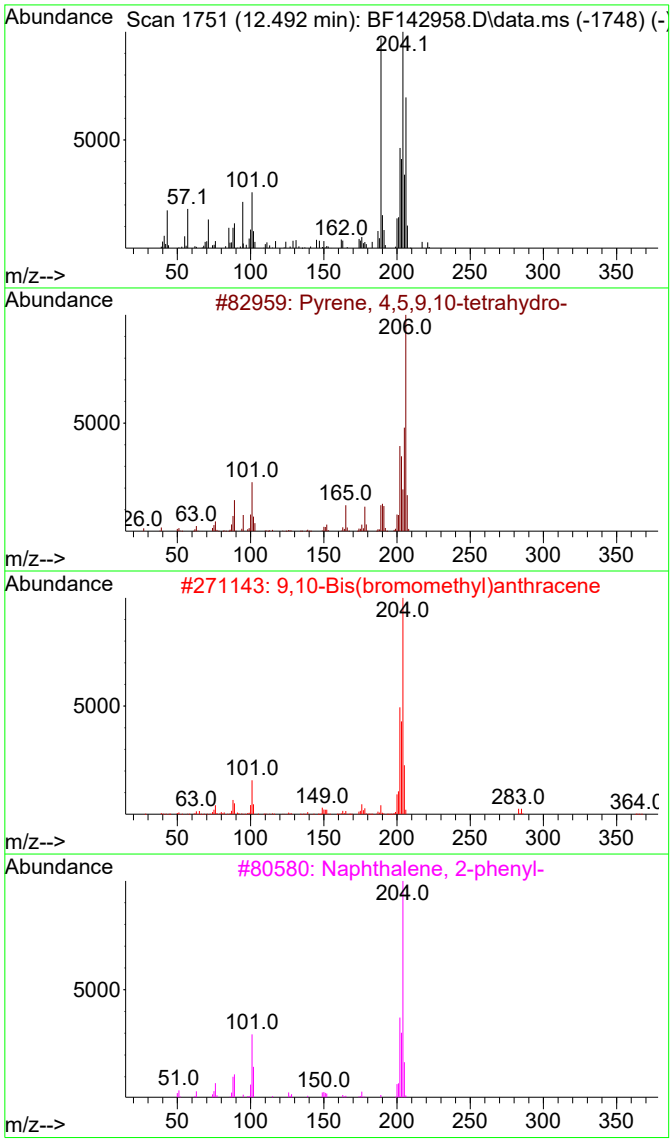
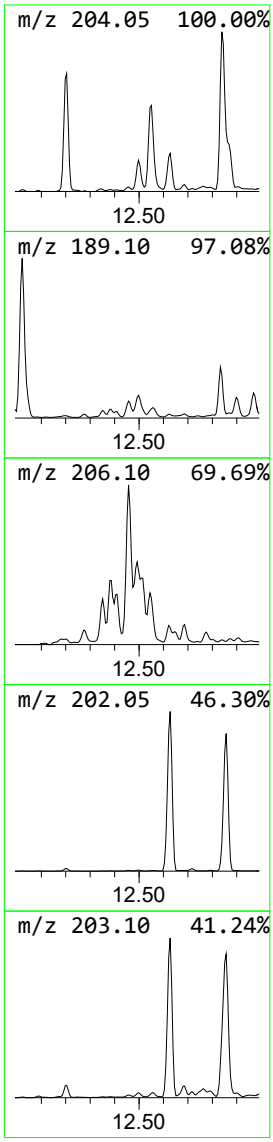
Peak Number 13 unknown12.492 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	5.96 ng	92097	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	45
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	41
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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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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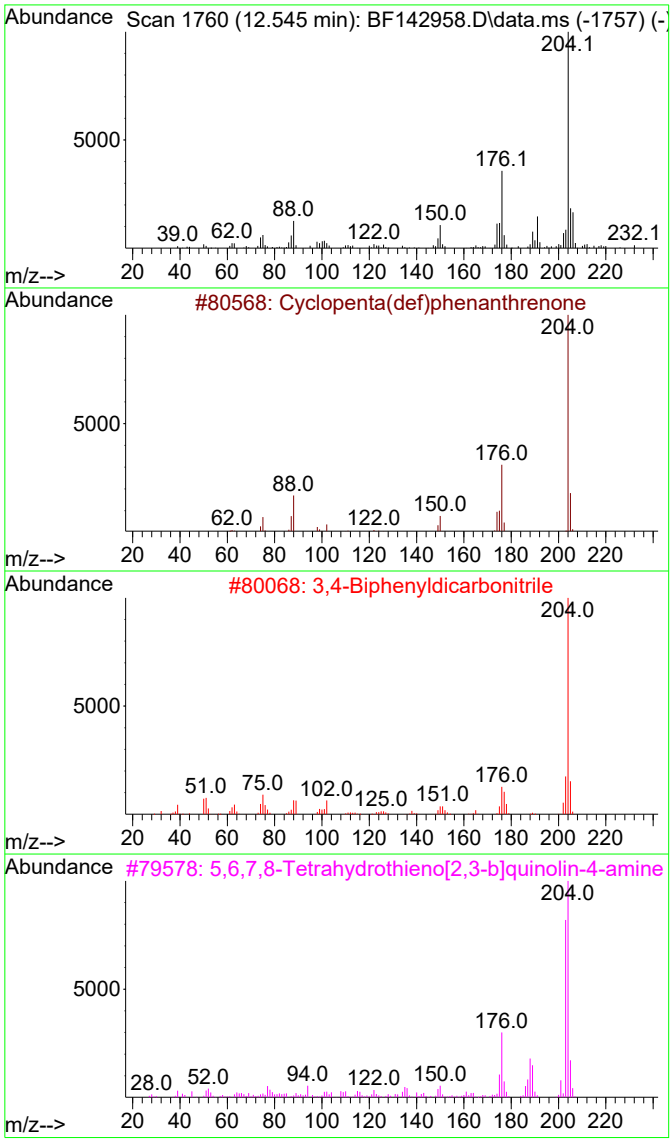
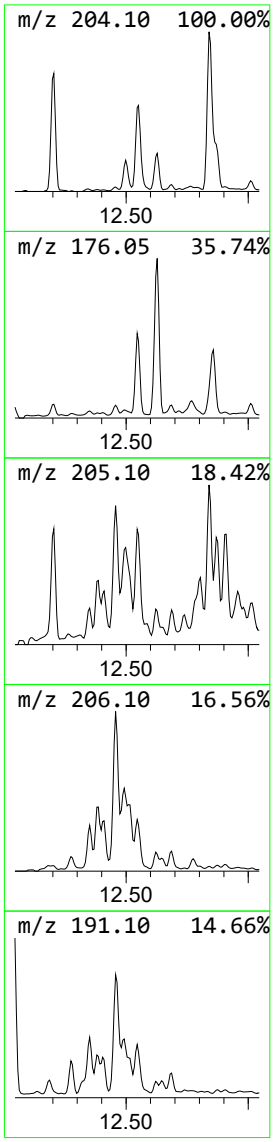
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	7.07 ng	109281	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	58
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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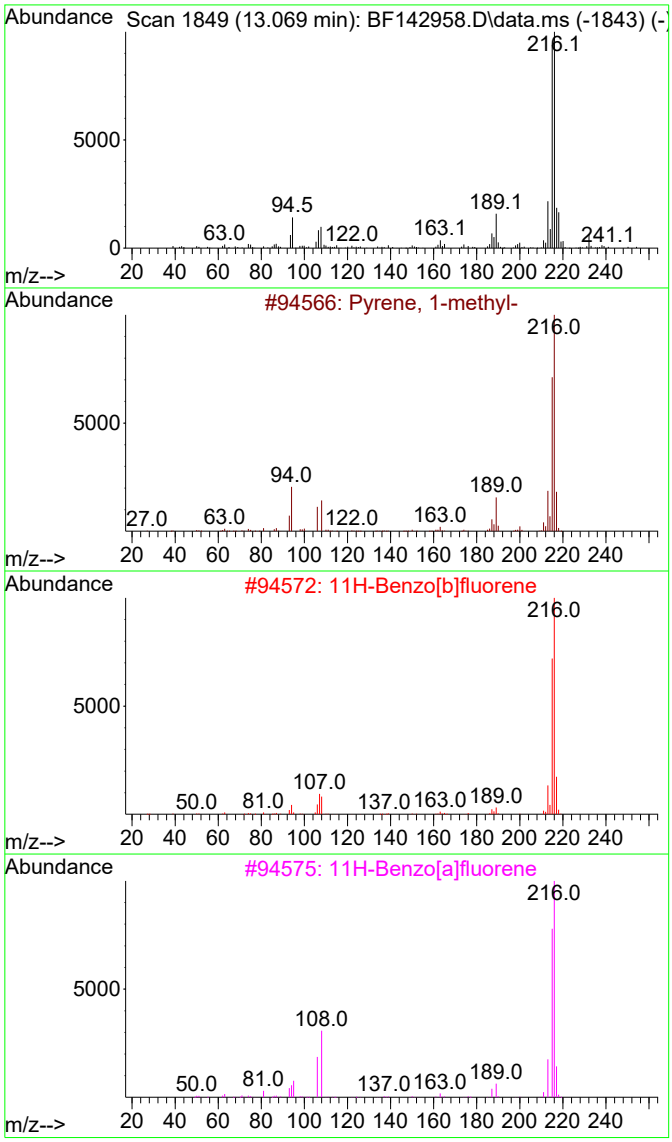
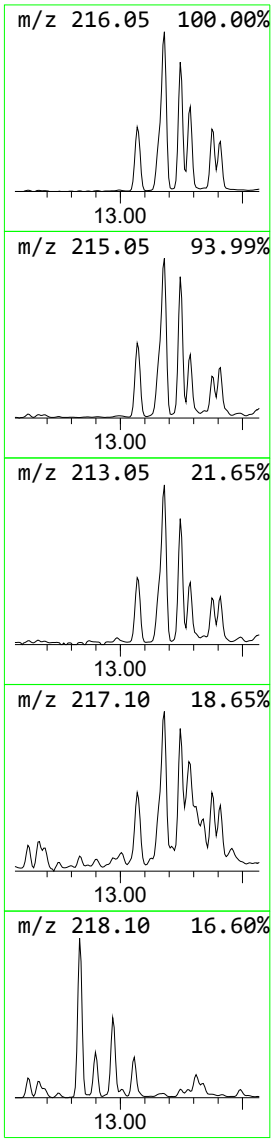
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	3.77 ng	228333	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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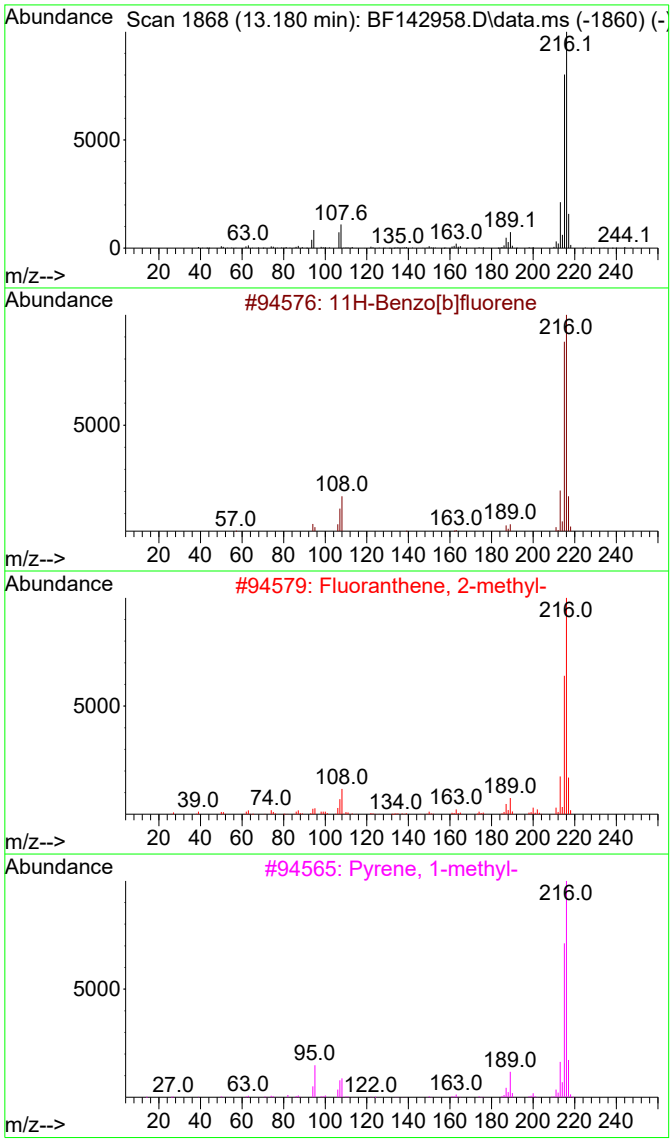
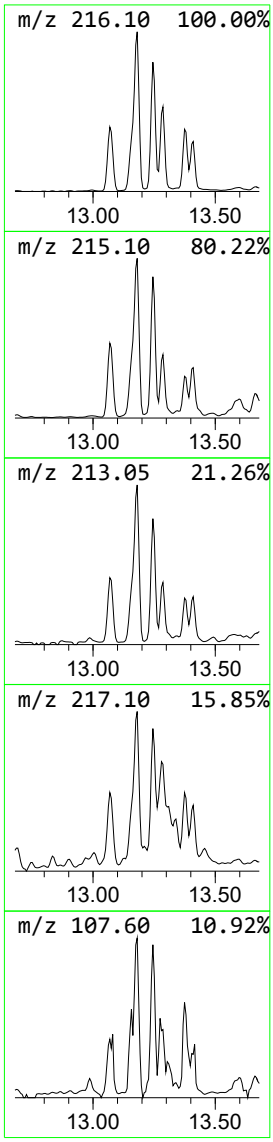
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	6.12 ng	370613	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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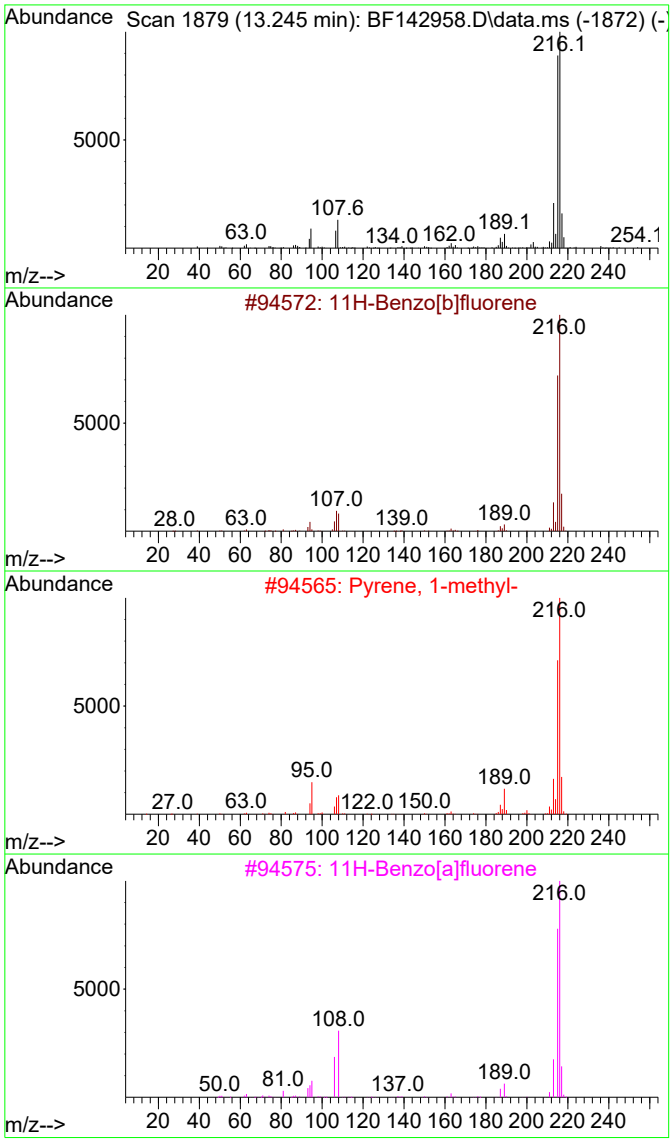
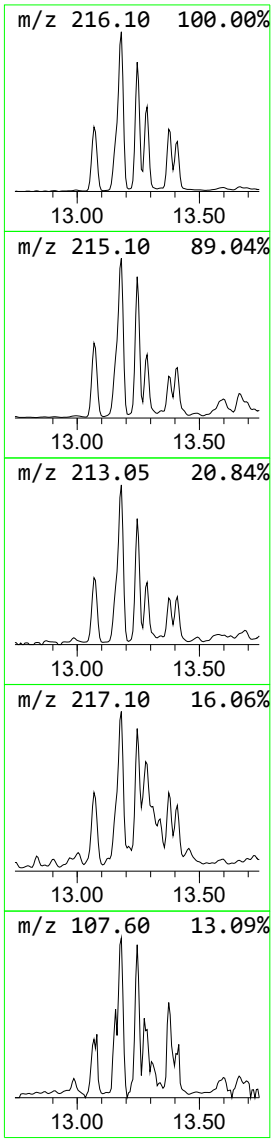
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	4.16 ng	252283	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

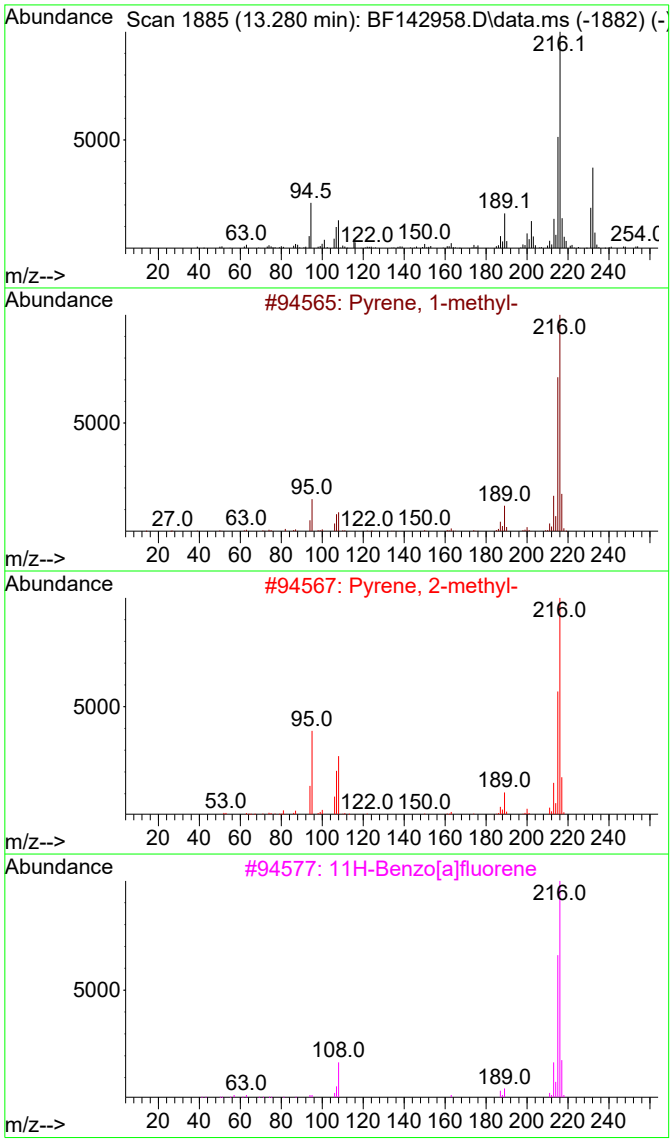
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

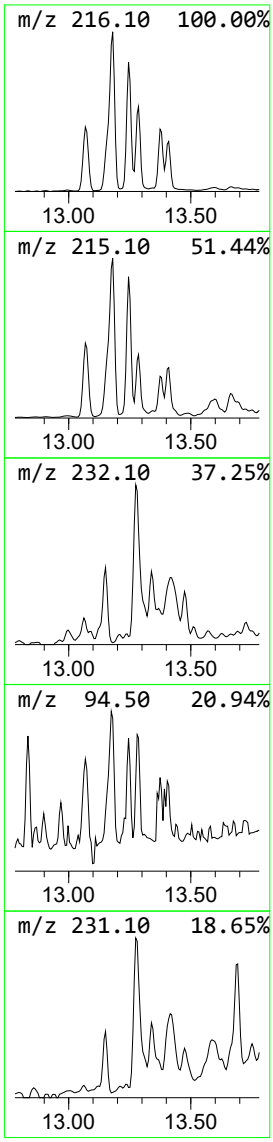
****

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	3.31 ng	200860	Chrysene-d12	14.057

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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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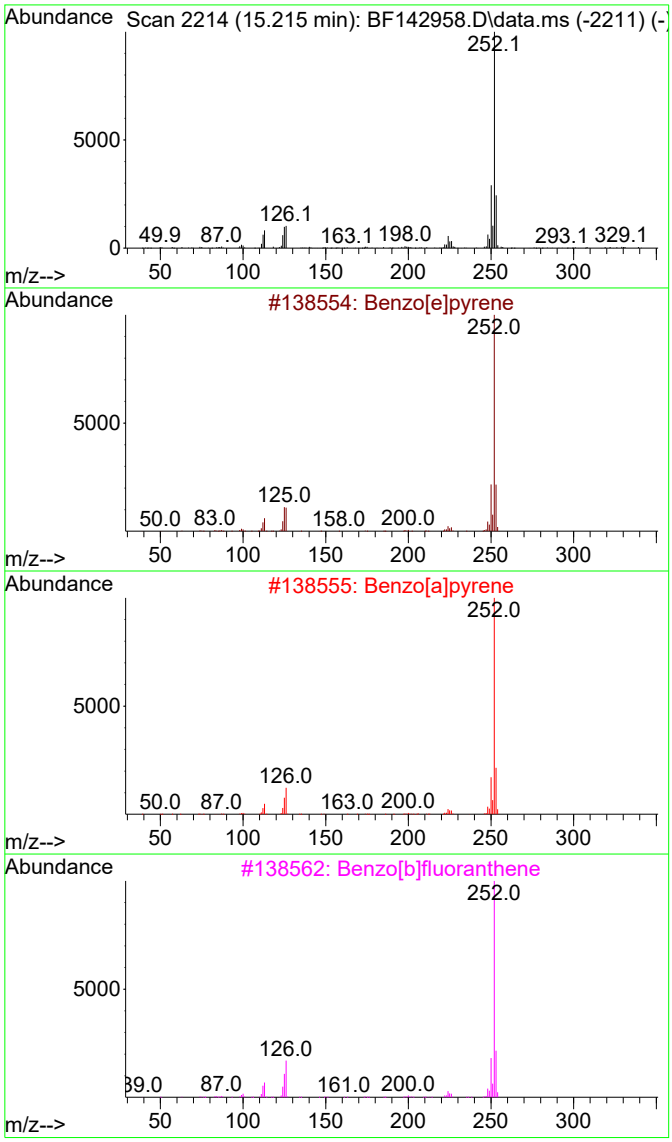
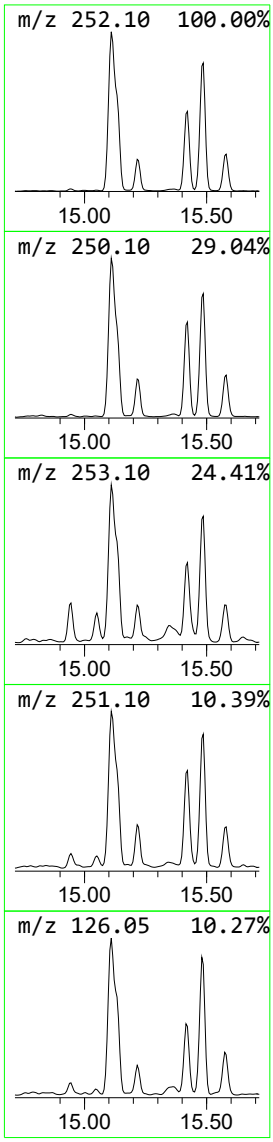
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.215	9.89 ng	116952	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142958.D
Acq On : 01 Jul 2025 19:32
Operator : RC/JU
Sample : Q2450-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-2-062725

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
2-Allylnaphthalene	10.551	5.2	ng	84454	3	9.916	327738	20.0
unknown10.822	10.822	4.7	ng	73126	4	11.404	309238	20.0
9H-Fluorene, 1-...	11.010	3.9	ng	59552	4	11.404	309238	20.0
Naphtho[2,1-b]t...	11.298	6.8	ng	105641	4	11.404	309238	20.0
Naphthalene, 1-...	11.692	3.6	ng	56378	4	11.404	309238	20.0
Phenanthrene, 2...	11.910	10.7	ng	165342	4	11.404	309238	20.0
1H-Indene, 2-ph...	11.933	11.3	ng	174540	4	11.404	309238	20.0
Phenanthrene, 1...	11.980	5.4	ng	83018	4	11.404	309238	20.0
4H-Cyclopenta[d...	12.022	27.9	ng	431730	4	11.404	309238	20.0
Naphthalene, 2-...	12.204	6.8	ng	104354	4	11.404	309238	20.0
9,10-Anthracene...	12.227	3.4	ng	53137	4	11.404	309238	20.0
Phenanthrene, 2...	12.457	8.2	ng	127038	4	11.404	309238	20.0
unknown12.492	12.492	6.0	ng	92097	4	11.404	309238	20.0
Cyclopenta(def)...	12.545	7.1	ng	109281	4	11.404	309238	20.0
Pyrene, 1-methyl-	13.069	3.8	ng	228333	5	14.057	1211850	20.0
11H-Benzo[b]flu...	13.180	6.1	ng	370613	5	14.057	1211850	20.0
11H-Benzo[a]flu...	13.245	4.2	ng	252283	5	14.057	1211850	20.0
Pyrene, 2-methyl-	13.280	3.3	ng	200860	5	14.057	1211850	20.0
Benzo[e]pyrene	15.215	9.9	ng	116952	6	15.545	236596	20.0