LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-2

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	6	14	21	rVB	561324	859422	69.11%	4.337%
2	3.381	214	219	230	rBV	8648	27244	2.19%	0.137%
3	5.092	501	510	523	rVB	51137	78949	6.35%	0.398%
4	5.498	572	579	584	rBV	869073	1180321	94.91%	5.957%
5	6.504	744	750	755	rBV	910200	1194752	96.07%	6.030%
6	6.704	779	784	790	rBV	27942	39487	3.18%	0.199%
7	6.875	809	813	818	rVB	283888	359182	28.88%	1.813%
8	7.322	884	889	900	rVB	15582	22466	1.81%	0.113%
9	7.439	903	909	914	rBV	610145	760413	61.15%	3.838%
10	7.692	946	952	957	rVB	18513	22343	1.80%	0.113%
11	8.157	1026	1031	1039	rBV	331069	432038	34.74%	2.180%
12	8.469	1079	1084	1096	rBV	48853	65113	5.24%	0.329%
13	8.869	1148	1152	1157	rVB	17227	20149	1.62%	0.102%
14	8.969	1165	1169	1173	rBV	27380	32498	2.61%	0.164%
15	9.233	1209	1214	1219	rBV	985712	1184499	95.25%	5.978%
16	9.498	1254	1259	1262	rBV	19744	28444	2.29%	0.144%
17	9.569	1267	1271	1274	rBV	47437	63690	5.12%	0.321%
18	9.633	1279	1282	1287	rVB2	13719	18558	1.49%	0.094%
19	9.686	1287	1291	1301	rBV	22325	42530	3.42%	0.215%
20	9.769	1301	1305	1310	rBV	58290	75439	6.07%	0.381%
21	9.910	1322	1329	1333	rBV	318313	411411	33.08%	2.076%
22	9.945	1333	1335	1338	rVV	51649	52319	4.21%	0.264%
23	10.004	1341	1345	1351	rVB2	30772	51910	4.17%	0.262%
24	10.110	1358	1363	1367	rBV	44911	58616	4.71%	0.296%
25	10.151	1367	1370	1374	rVB	30284	35566	2.86%	0.179%
26	10.222	1378	1382	1385	rBV2	31877	44976	3.62%	0.227%
27	10.251	1385	1387	1393	rVB	18291	22787	1.83%	0.115%
28	10.316	1393	1398	1400	rBV3	22409	38888	3.13%	0.196%
29	10.410	1409	1414	1416	rBV4	9890	14276	1.15%	0.072%
30	10.457	1417	1422	1428	rVB	70150	98515	7.92%	0.497%
31	10.522	1428	1433	1435	rBV3	14445	25897	2.08%	0.131%
32	10.616	1444	1449	1457	rVB2	38664	64047	5.15%	0.323%
33	10.698	1457	1463	1467	rBV	536425	674506	54.24%	3.404%
34	10.739	1467	1470	1475	rVB2	12175	18785	1.51%	0.095%
35	10.822	1478	1484	1490	rVB2	44466	65171	5.24%	0.329%
36	10.898	1494	1497	1500	rBV2	9502	13056	1.05%	0.066%

LSC Area Percent Report

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Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.004	1506	1515	1518	rBV3	40856	79182	6.37%	0.400%
38	11.033	1518	1520	1523	rVB2	20381	19780	1.59%	0.100%
39	11.086	1526	1529	1532	rVB	14834	17221	1.38%	0.087%
40	11.133	1532	1537	1539	rBV4	19750	30763	2.47%	0.155%
41	11.198	1545	1548	1552	rVB	49016	59552	4.79%	0.301%
42	11.245	1552	1556	1560	rBV3	17072	32034	2.58%	0.162%
43	11.292	1560	1564	1569	rVB	67648	86726	6.97%	0.438%
44	11.345	1569	1573	1576	rBV4	10237	12703	1.02%	0.064%
45	11.398	1577	1582	1583	rBV	290689	341796	27.49%	1.725%
46	11.421	1583	1586	1591	rVV	813013	996501	80.13%	5.029%
47	11.469	1591	1594	1597	rVV	82429	100733	8.10%	0.508%
48	11.504	1597	1600	1604	rVB2	26726	34604	2.78%	0.175%
49	11.627	1615	1621	1627	rBV	49919	95123	7.65%	0.480%
50	11.692	1628	1632	1634	rVV2	33374	43193	3.47%	0.218%
51	11.727	1634	1638	1642	rVB	72280	95880	7.71%	0.484%
52	11.810	1645	1652	1656	rVB2	41751	70000	5.63%	0.353%
53	11.851	1656	1659	1662	rBV	20128	26557	2.14%	0.134%
54	11.898	1662	1667	1669	rBV	185148	262599	21.12%	1.325%
55	11.921	1669	1671	1676	rVB	283567	344896	27.73%	1.741%
56	11.969	1676	1679	1682	rBV	31190	42468	3.42%	0.214%
57	12.010	1682	1686	1694	rVB	260254	517040	41.58%	2.609%
58	12.098	1694	1701	1703	rBV4	31466	64549	5.19%	0.326%
59	12.127	1703	1706	1709	rVB3	31636	35717	2.87%	0.180%
60	12.192	1713	1717	1719	rBV2	102376	143188	11.51%	0.723%
61	12.216	1719	1721	1727	rVB2	145396	174368	14.02%	0.880%
62	12.292	1728	1734	1736	rBV3	18639	41708	3.35%	0.210%
63	12.339	1736	1742	1745	rBV3	41693	81687	6.57%	0.412%
64	12.368	1745	1747	1750	rBV	38529	43747	3.52%	0.221%
65	12.445	1755	1760	1763	rBV	169390	240764	19.36%	1.215%
66	12.480	1763	1766	1772	rVB2	72231	110895	8.92%	0.560%
67	12.533	1772	1775	1780	rVB2	79988	98657	7.93%	0.498%
68	12.610	1783	1788	1793	rBV	953729	1217712	97.92%	6.146%
69	12.657	1793	1796	1801	rBV4	32268	60025	4.83%	0.303%
70	12.704	1801	1804	1807	rBV2	30443	29991	2.41%	0.151%
71	12.739	1807	1810	1811	rBV	26197	28926	2.33%	0.146%
72	12.839	1820	1827	1832	rBV	823469	1243565	100.00%	6.276%
73	12.892	1832	1836	1840	rVB2	63573	90796	7.30%	0.458%
74	12.980	1843	1851	1858	rVB	655323	943519	75.87%	4.762%
75	13.057	1858	1864	1870	rBV2	102985	205224	16.50%	1.036%
76	13.110	1871	1873	1875	rVV2	18157	19136	1.54%	0.097%

LSC Area Percent Report

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Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.163	1875	1882	1886	rVB	133389	266998	21.47%	1.347%
78	13.227	1886	1893	1896	rBV2	77932	145749	11.72%	0.736%
79	13.268	1896	1900	1907	rVB2	112962	167775	13.49%	0.847%
80	13.363	1912	1916	1918	rVV	66962	80260	6.45%	0.405%
81	13.392	1918	1921	1924	rVB	68523	76291	6.13%	0.385%
82	13.668	1965	1968	1975	rVB	70396	100986	8.12%	0.510%
83	13.780	1982	1987	1990	rBV3	93656	157016	12.63%	0.792%
84	13.874	2000	2003	2012	rVB3	91962	132816	10.68%	0.670%
85	14.027	2024	2029	2032	rBV2	395769	651293	52.37%	3.287%
86	14.057	2032	2034	2041	rVB	284603	366195	29.45%	1.848%
87	14.415	2092	2095	2098	rVB	53968	60891	4.90%	0.307%
88	14.451	2099	2101	2105	rVB2	36884	37586	3.02%	0.190%
89	15.074	2202	2207	2217	rBV	188333	428431	34.45%	2.162%
90	15.374	2254	2258	2264	rVB	108151	177043	14.24%	0.894%
91	15.439	2265	2269	2275	rVB	150535	216368	17.40%	1.092%
92	15.504	2275	2280	2283	rBV	111308	177532	14.28%	0.896%
93	16.968	2525	2529	2537	rVB2	54407	110291	8.87%	0.557%
94	17.415	2601	2605	2614	rVB	36839	79164	6.37%	0.400%

Sum of corrected areas: 19814473

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
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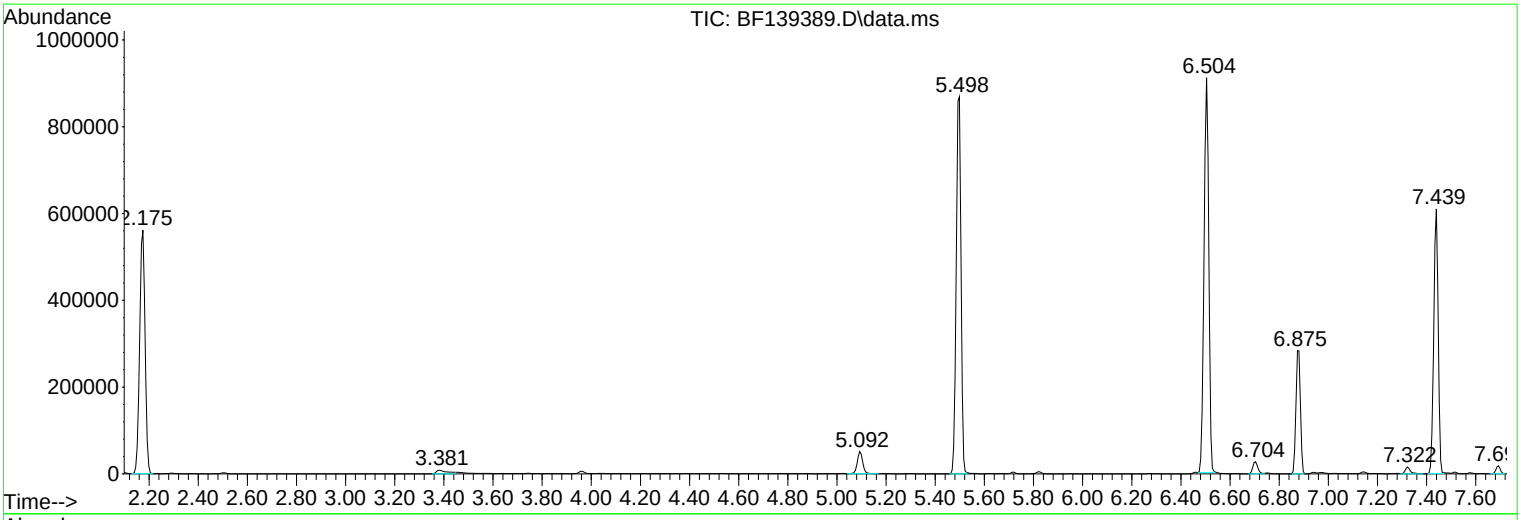
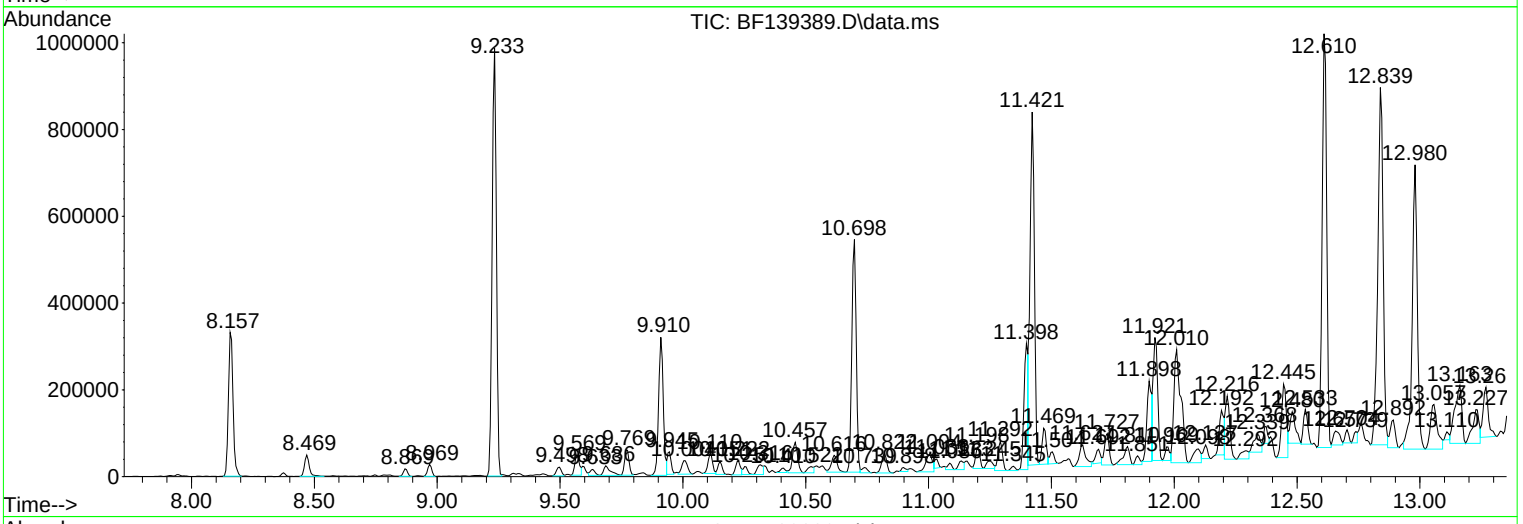
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

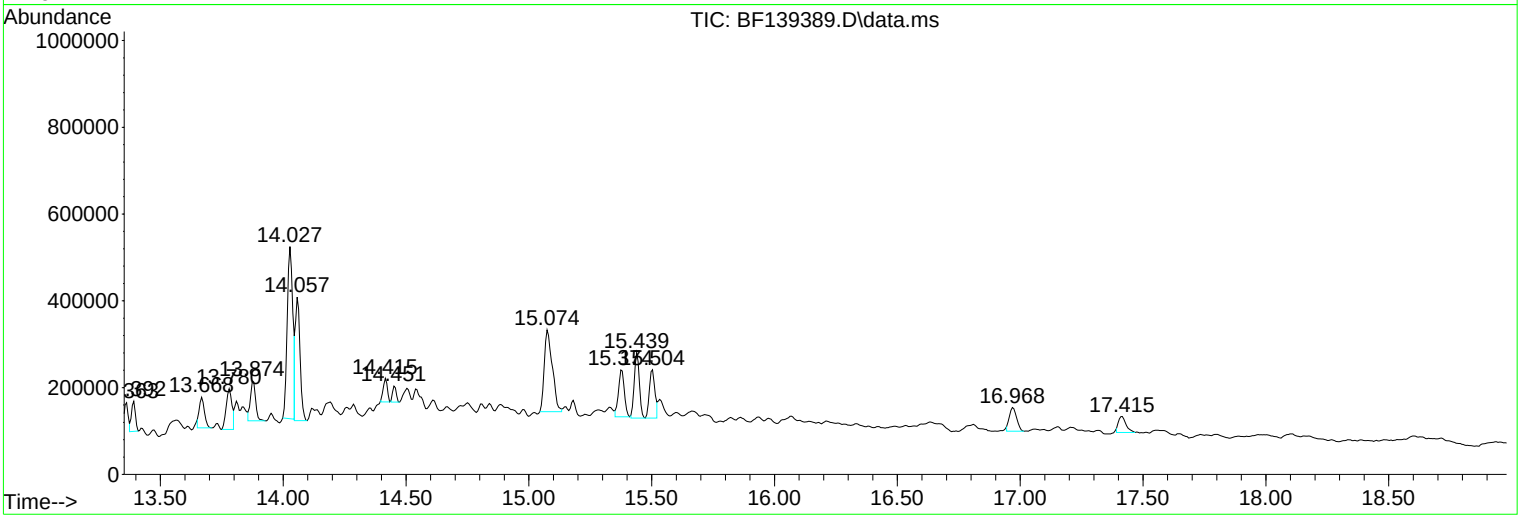
Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

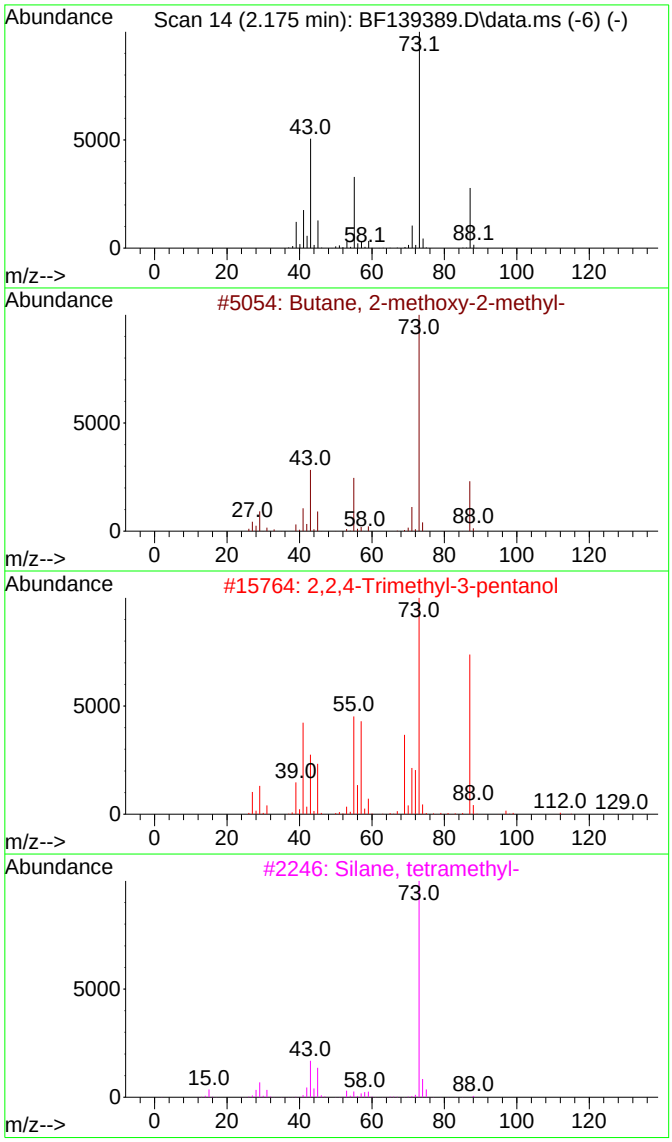
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

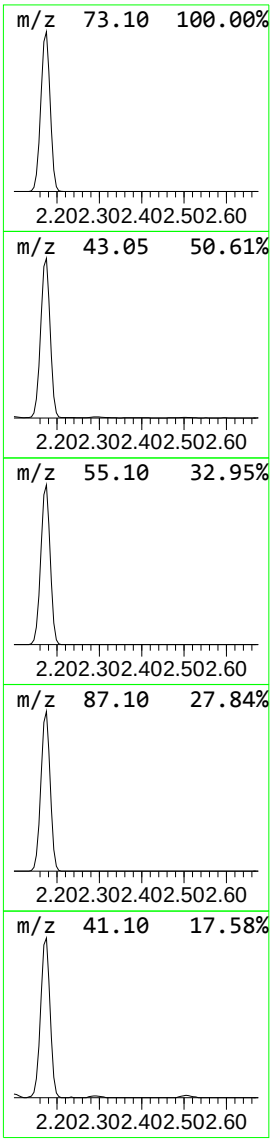
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	47.85 ng	859422	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
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Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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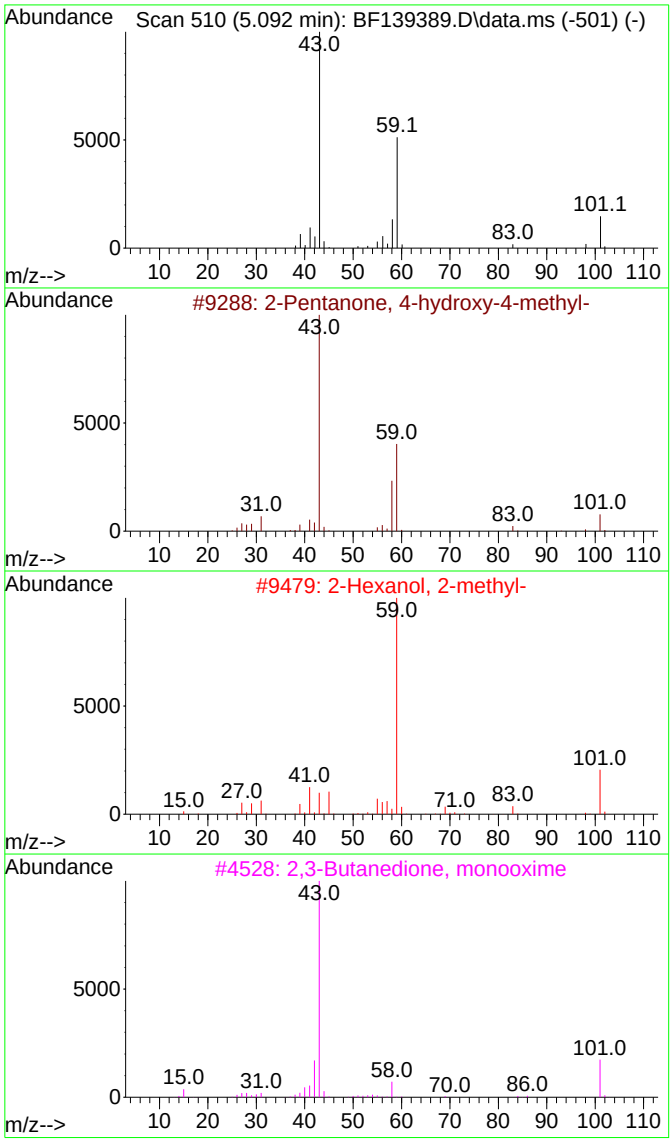
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

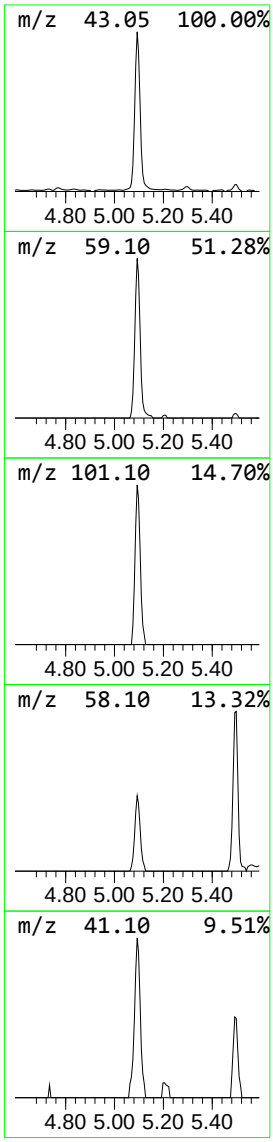
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.092	4.40 ng	78949	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
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Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

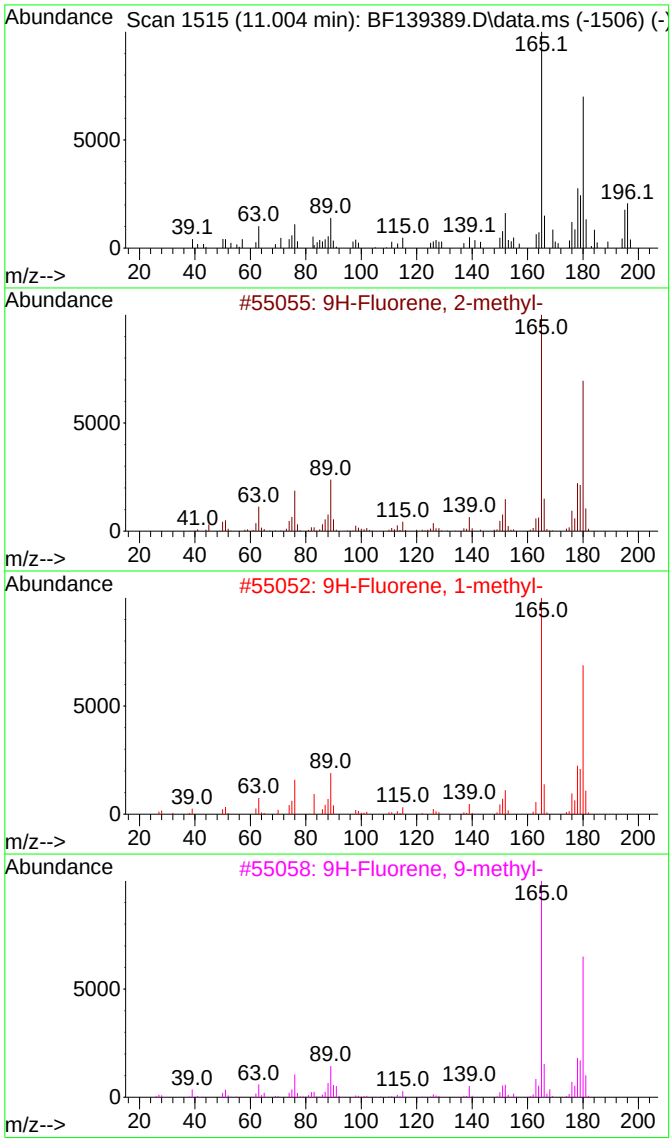
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

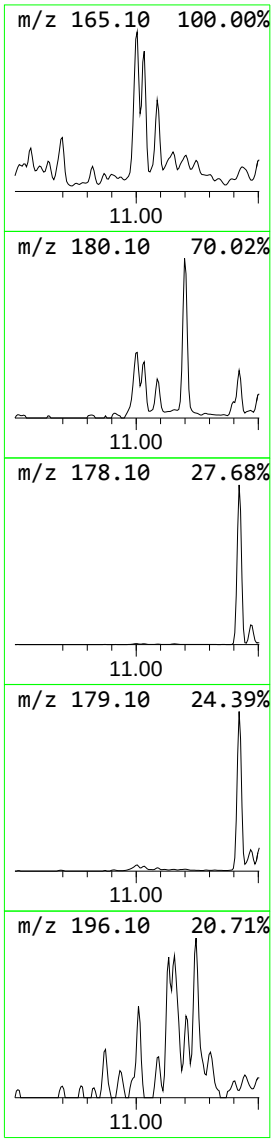
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	4.63 ng	79182	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	83
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

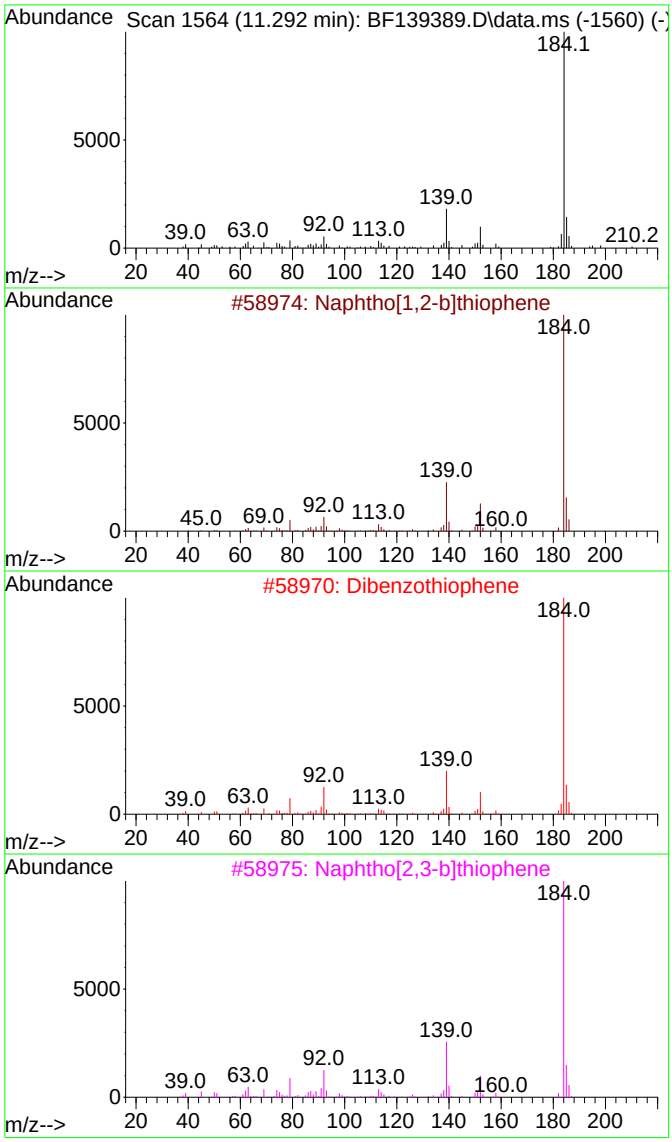
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

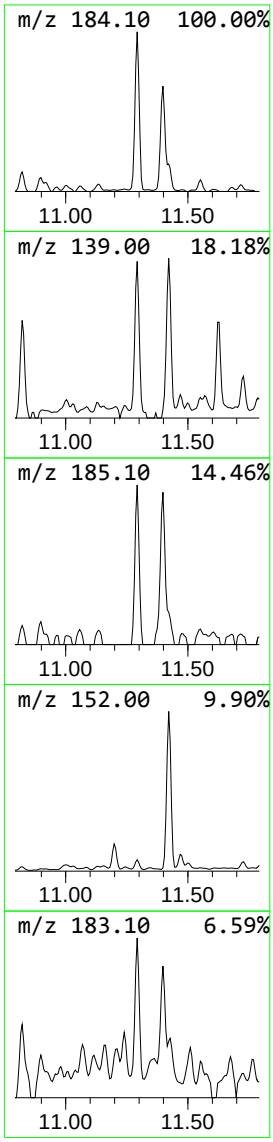
****

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	5.07 ng	86726	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

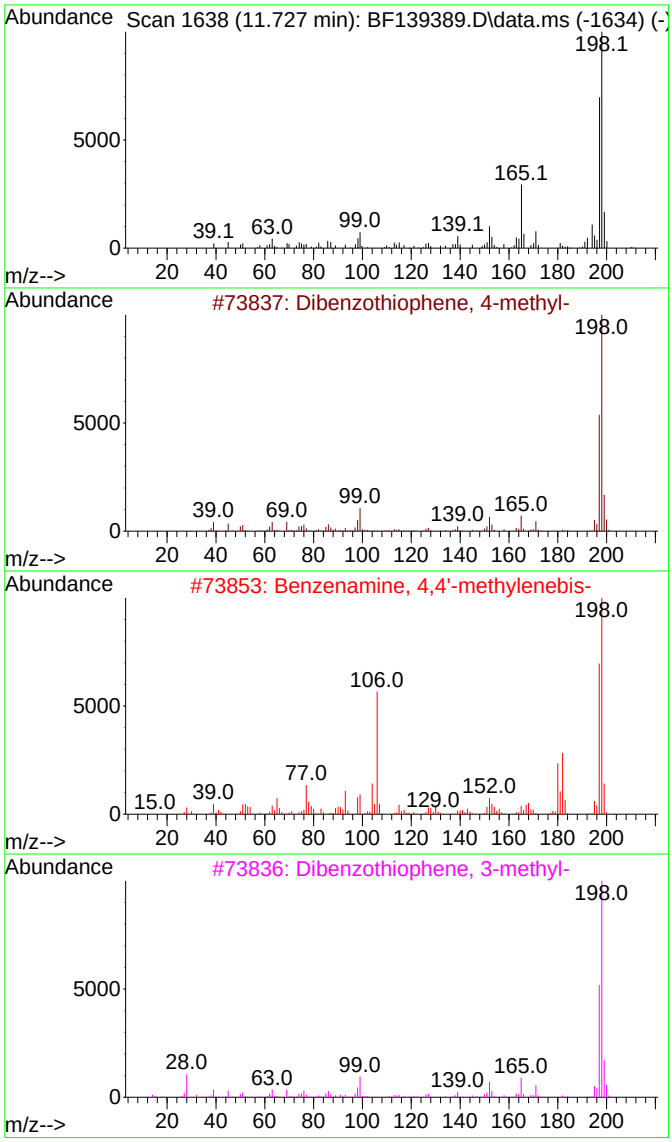
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

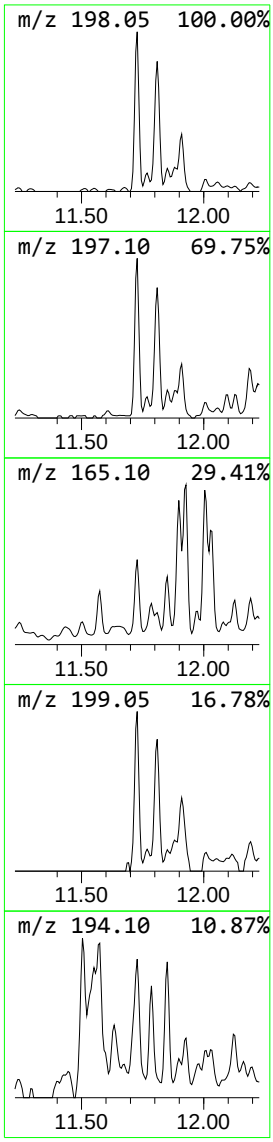
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	5.61 ng	95880	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	81
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	81
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	72





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Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

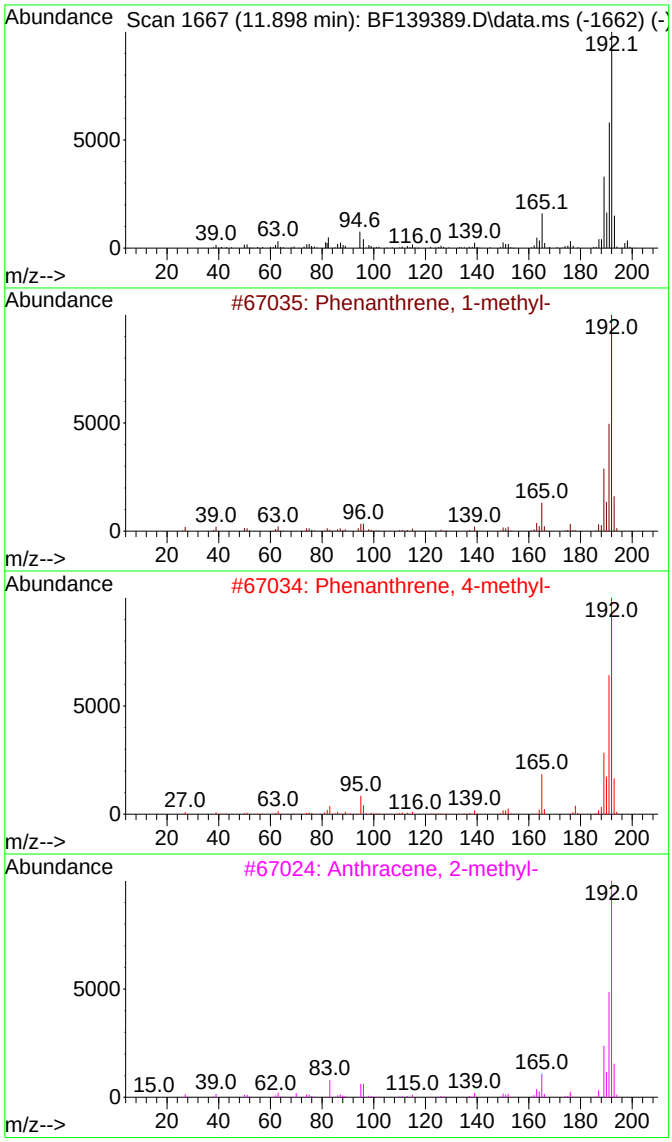
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

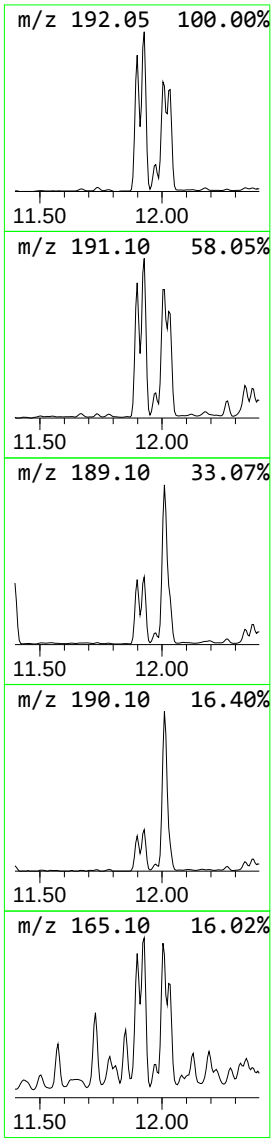
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	15.37 ng	262599	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

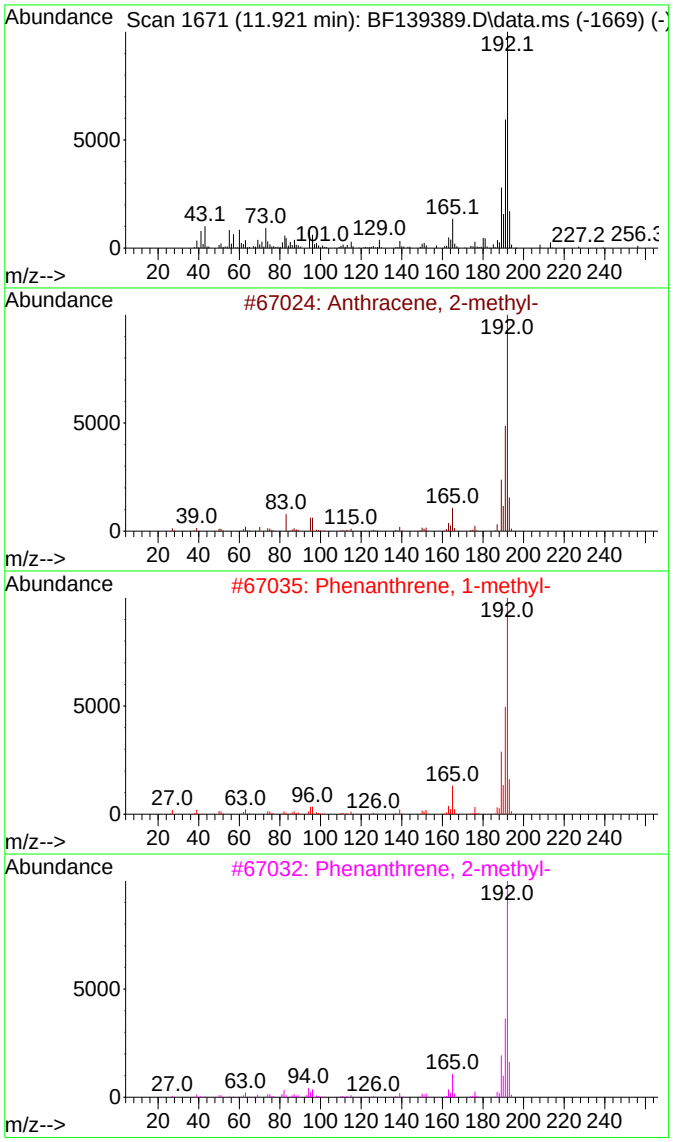
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

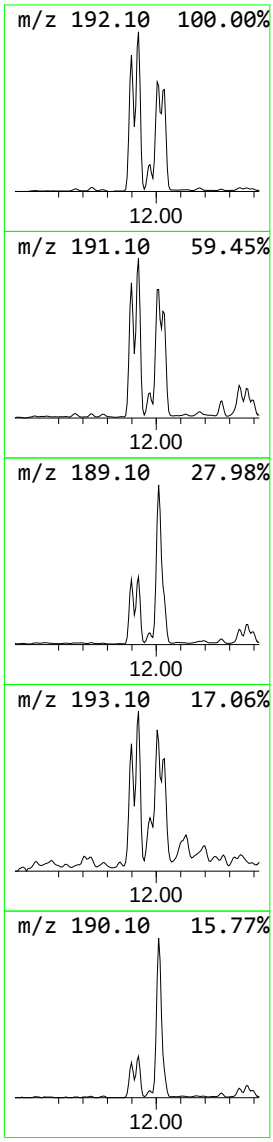
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	20.18 ng	344896	Phenanthrene-d10	11.398

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

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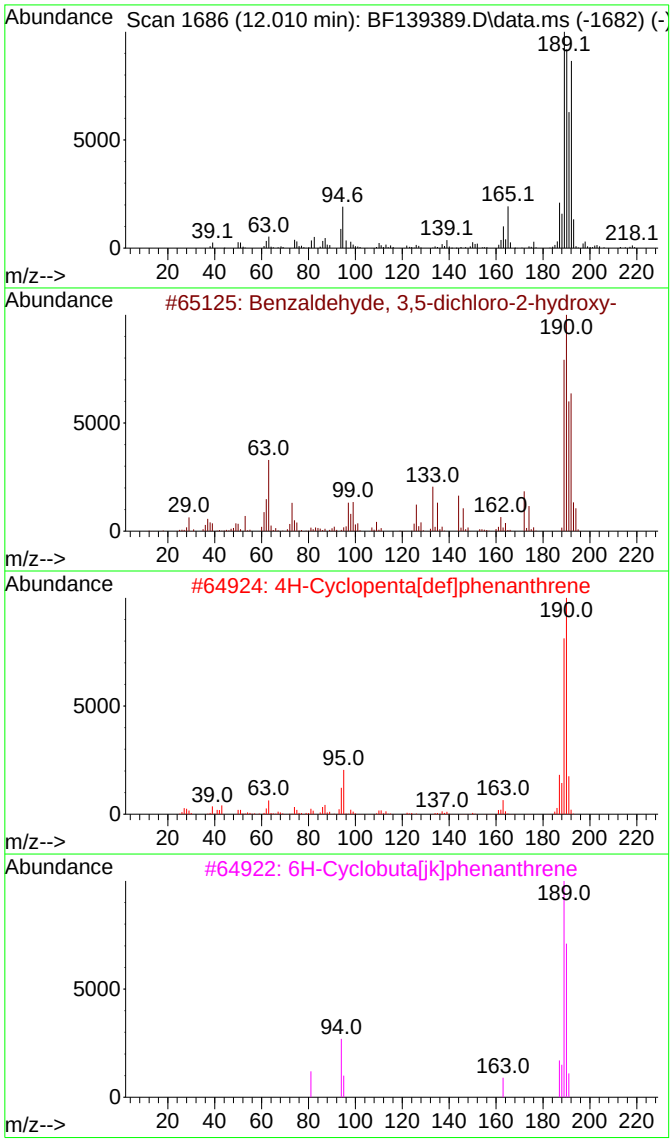
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

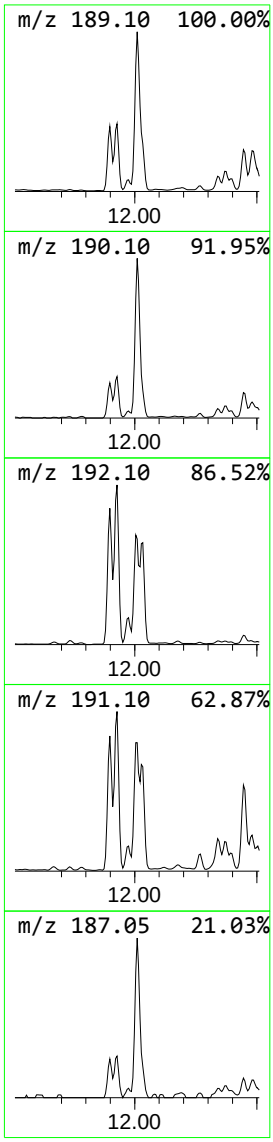
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	30.25 ng	517040	Phenanthrene-d10	11.398

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

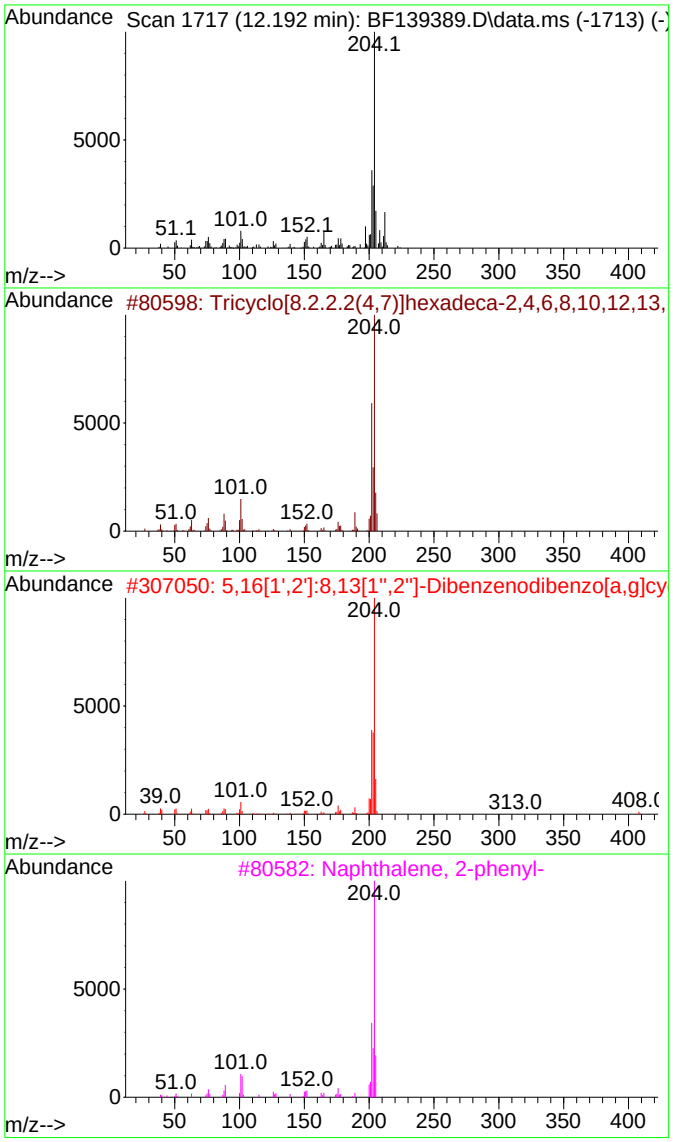
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

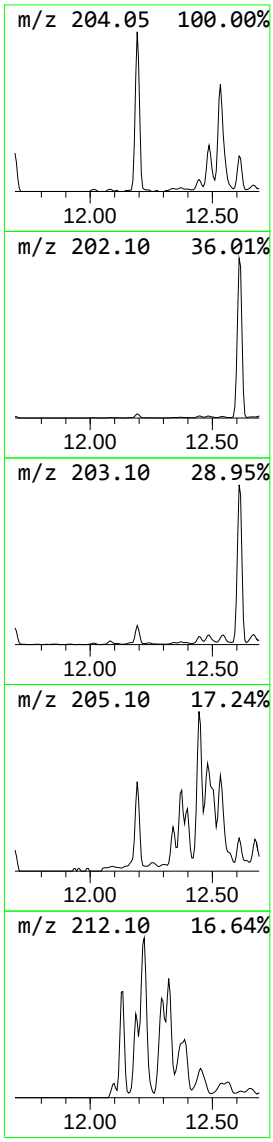
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	8.38 ng	143188	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	52
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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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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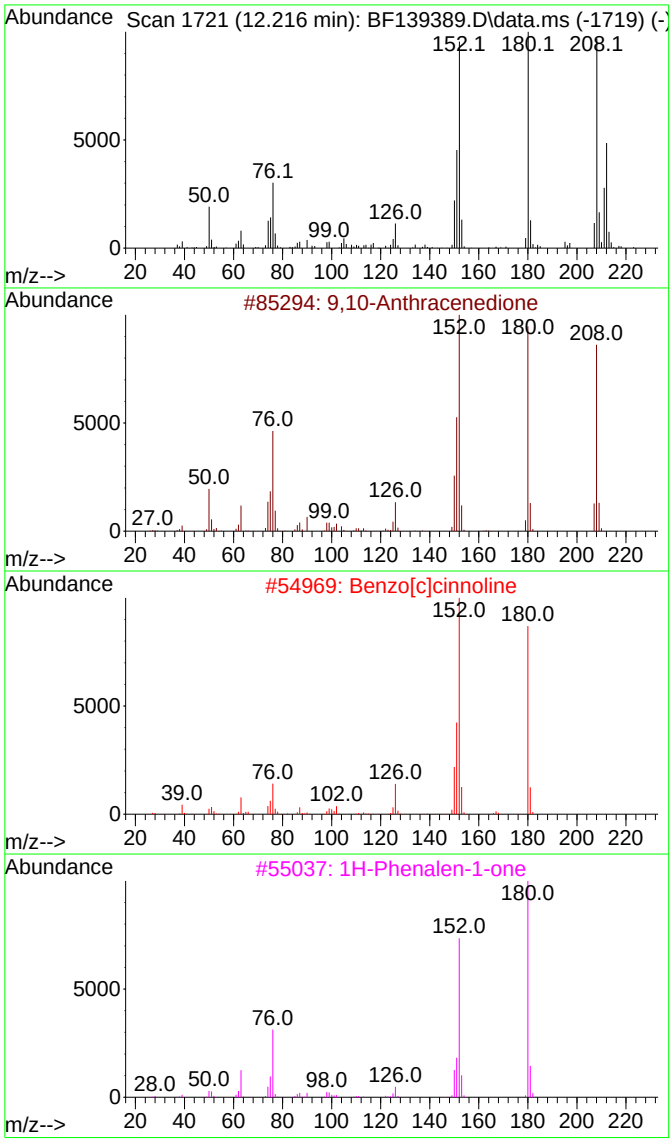
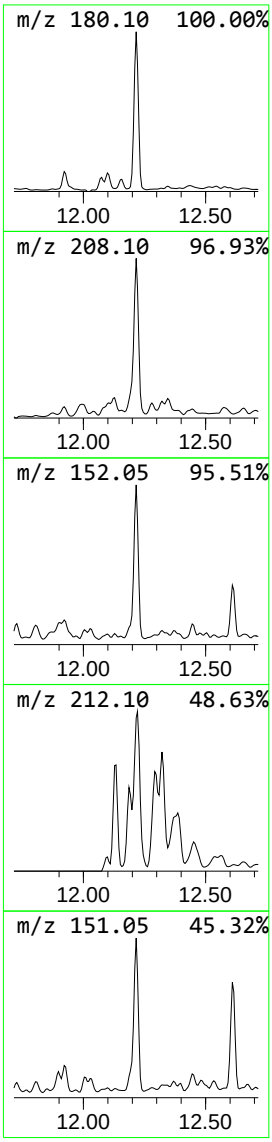
Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	10.20 ng	174368	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	89
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55





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ALS Vial : 15 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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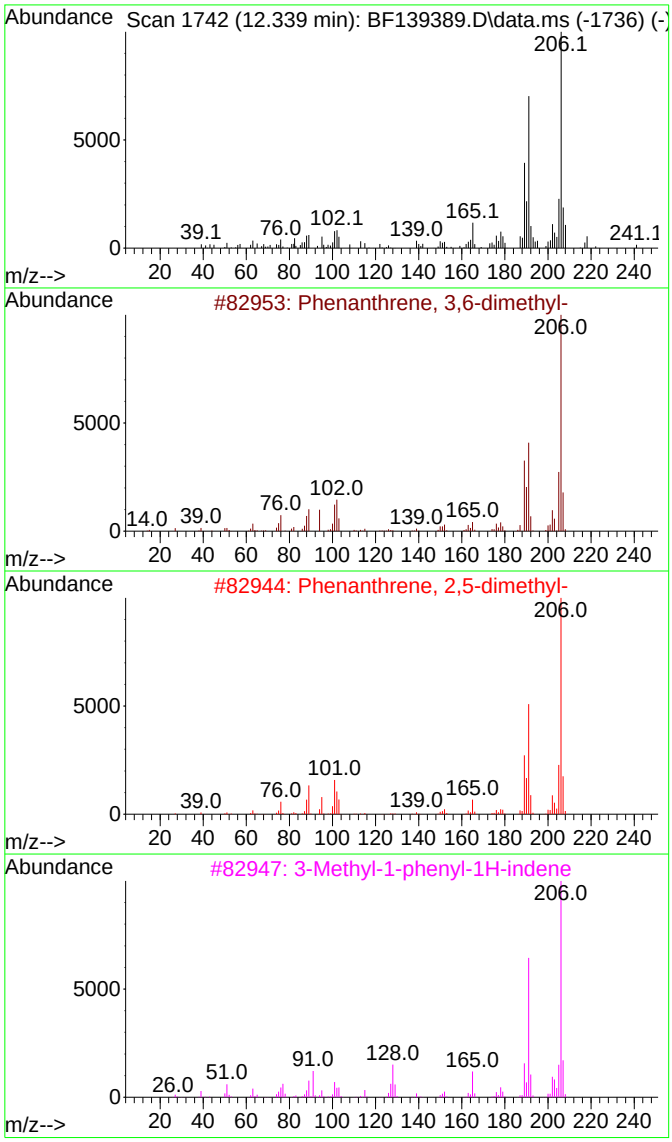
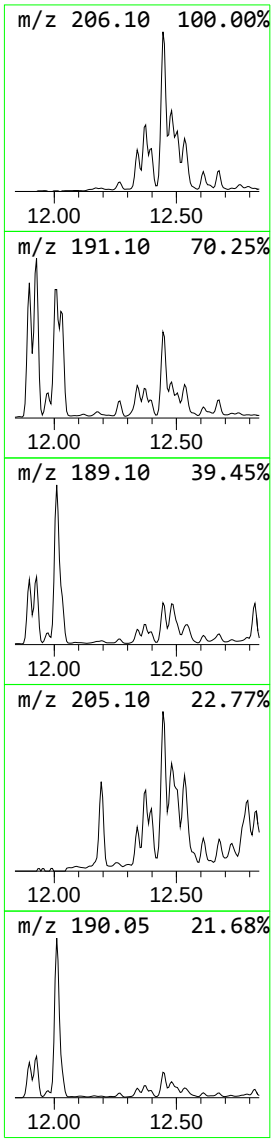
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	4.78 ng	81687	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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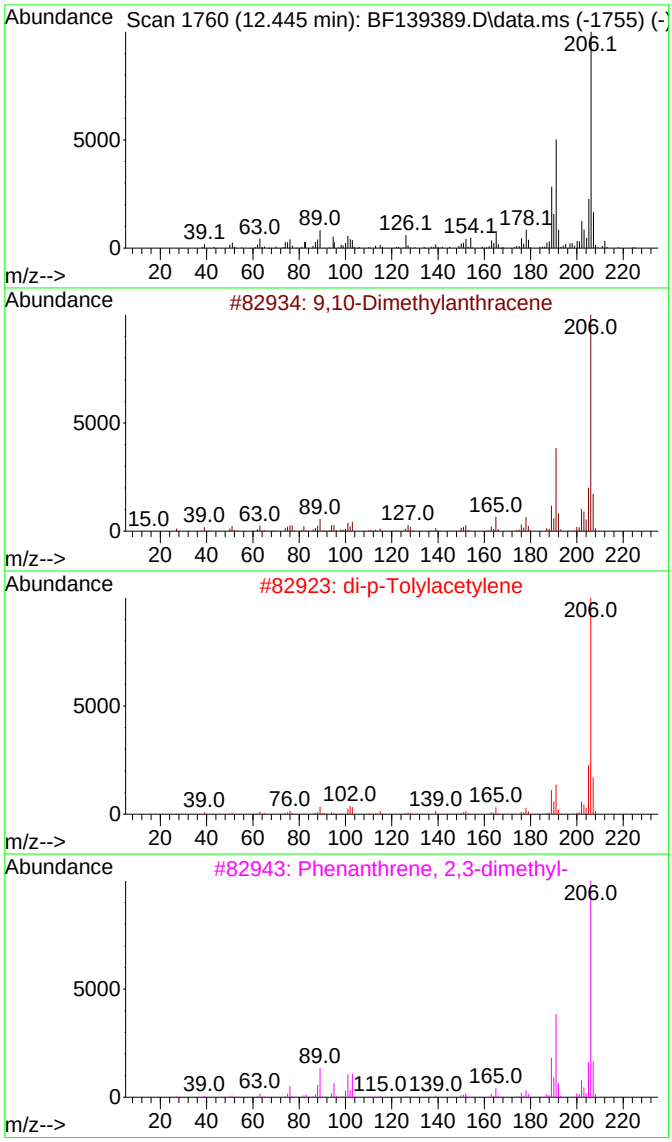
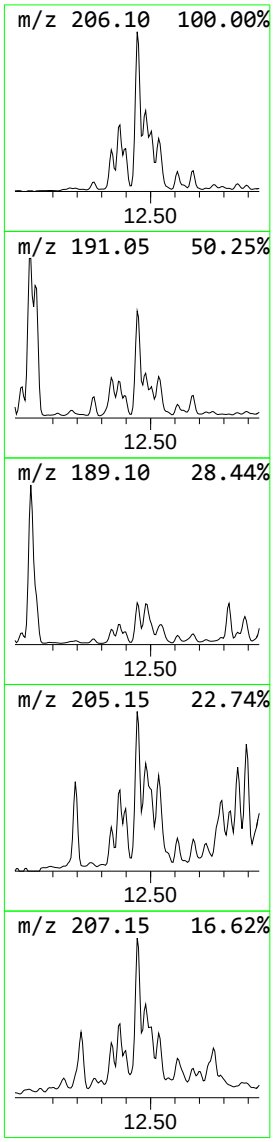
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	14.09 ng	240764	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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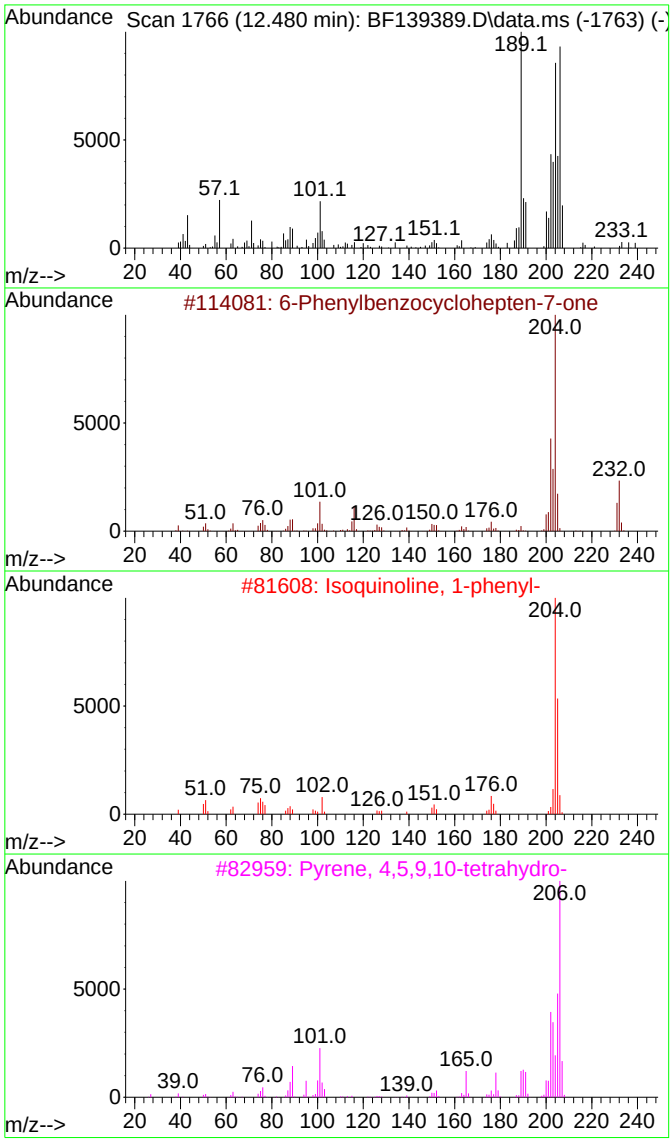
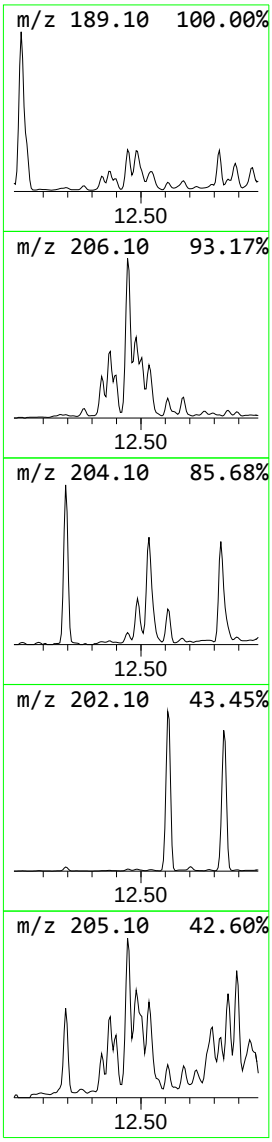
Peak Number 13 unknown12.480 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	6.49 ng	110895	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38
2	Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	35
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
4	4-Pyridinol 3,5-dichloro-2-ethyl...	205	C8H9Cl2NO	1000253-55-0	30
5	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30





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ALS Vial : 15 Sample Multiplier: 1

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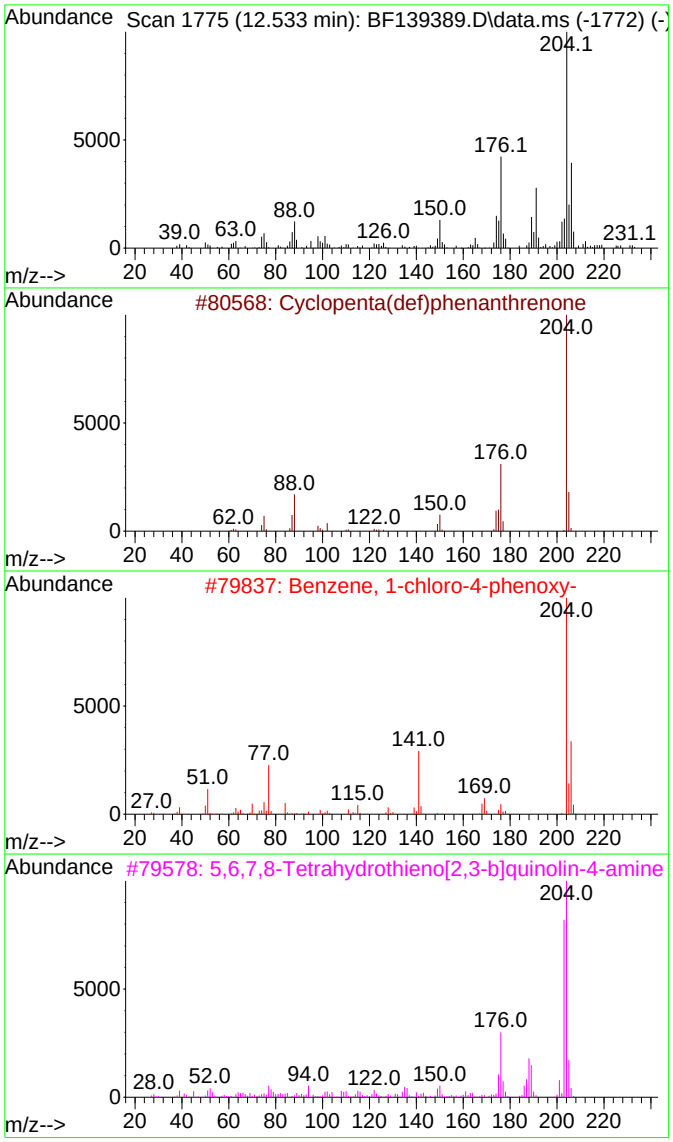
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

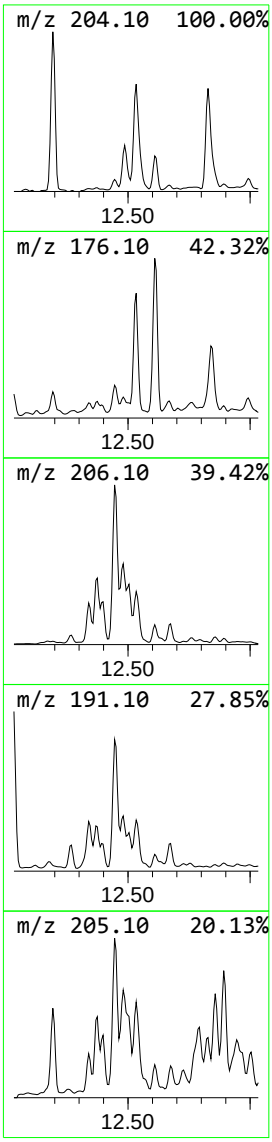
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	5.77 ng	98657	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	49
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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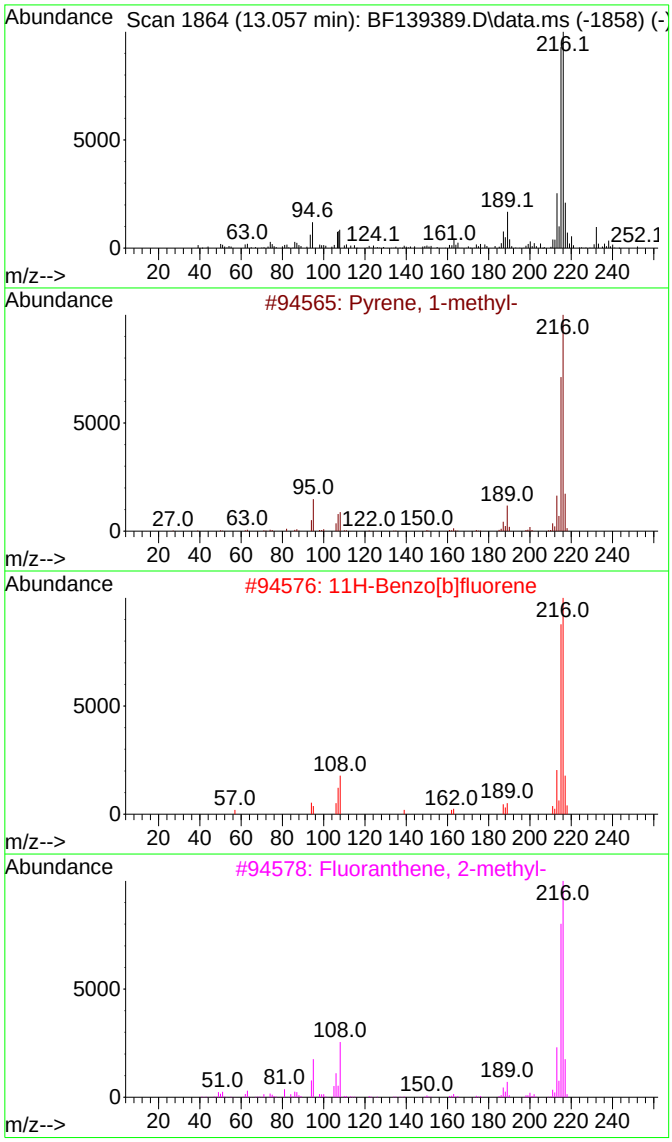
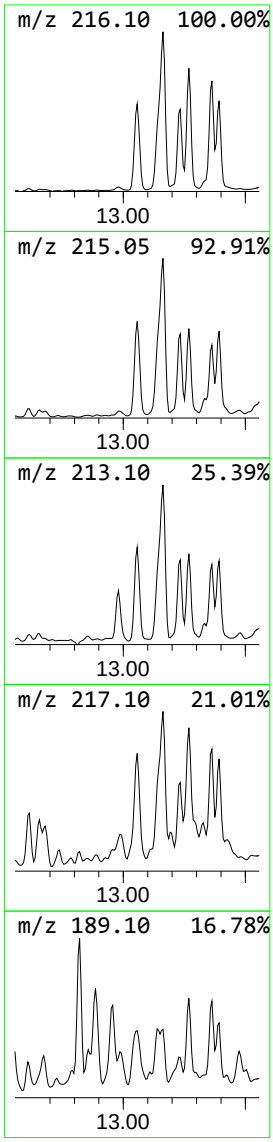
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	6.30 ng	205224	Chrysene-d12	14.033

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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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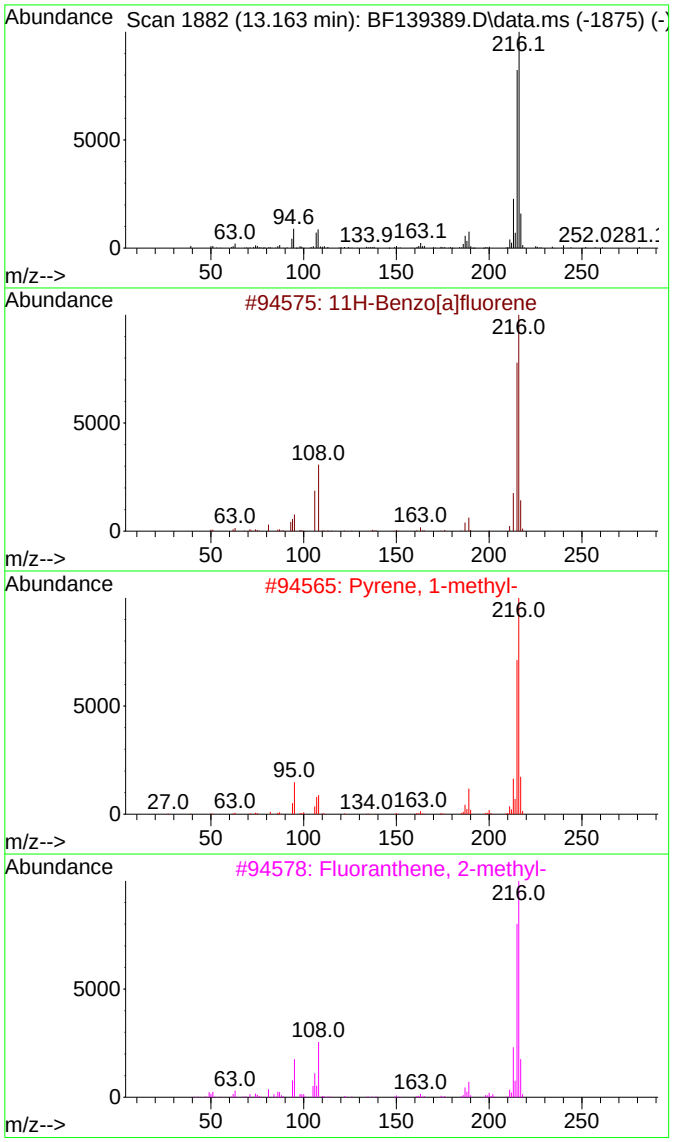
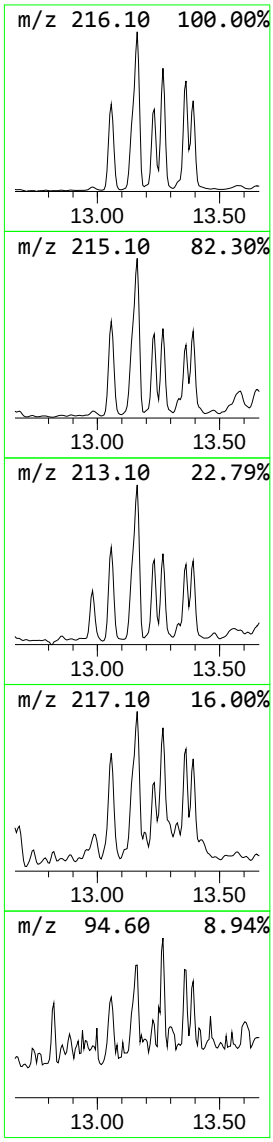
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	8.20 ng	266998	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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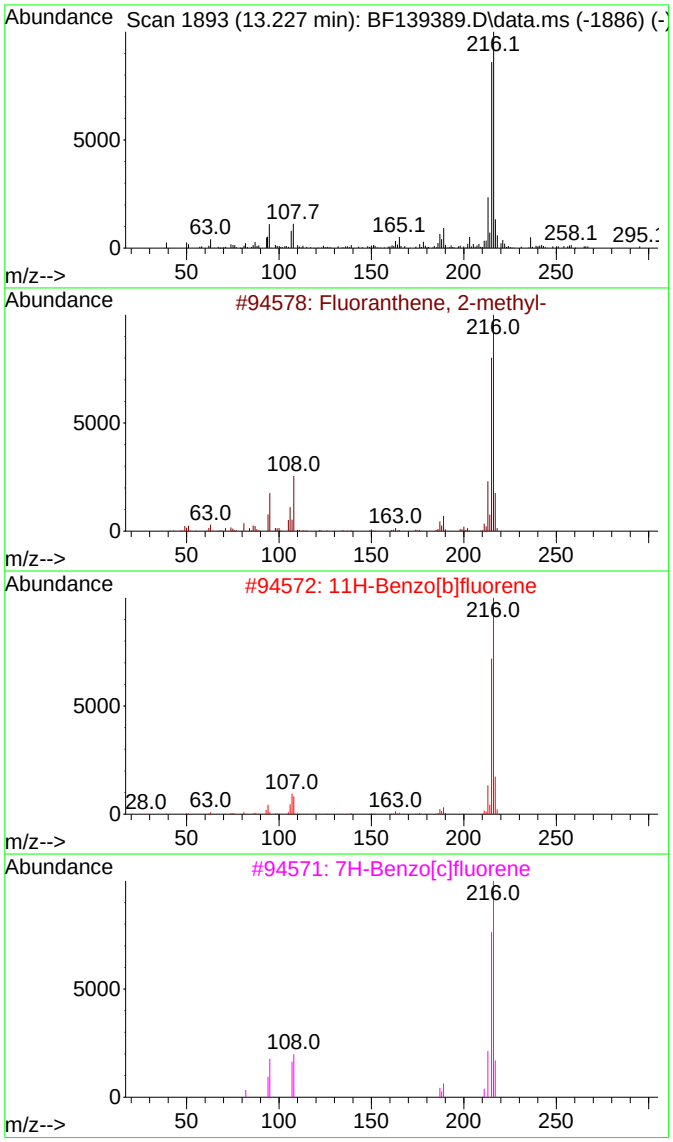
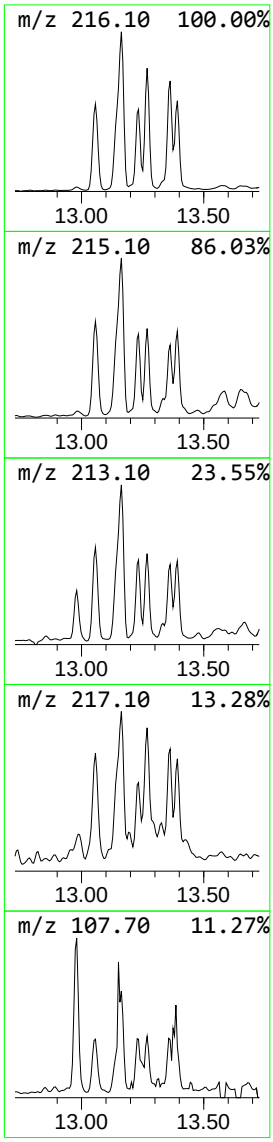
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	4.48 ng	145749	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76





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Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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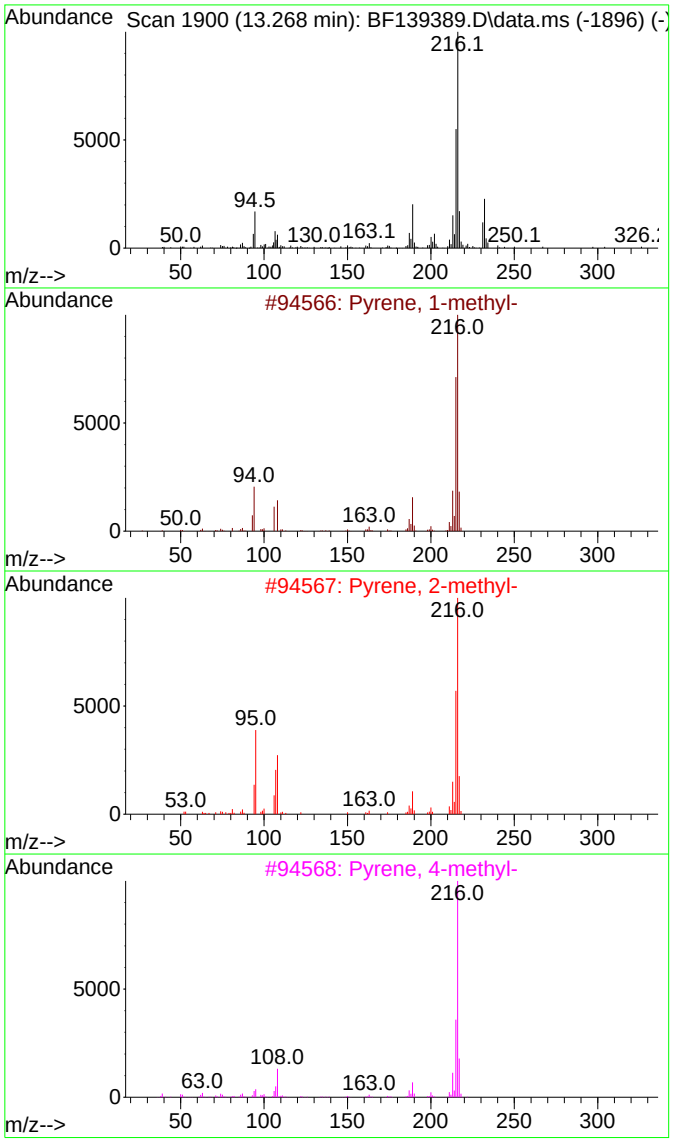
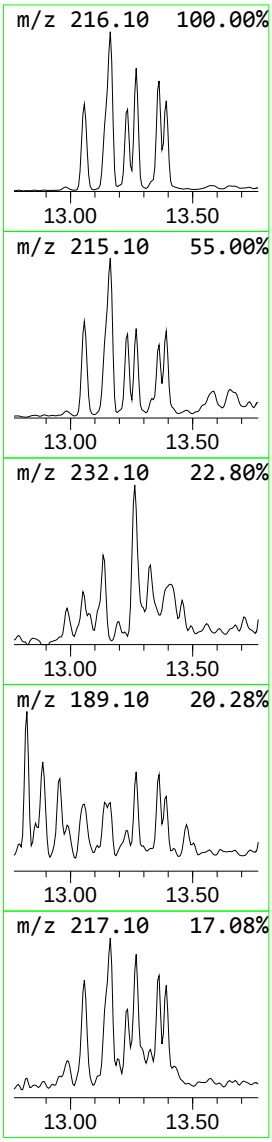
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	5.15 ng	167775	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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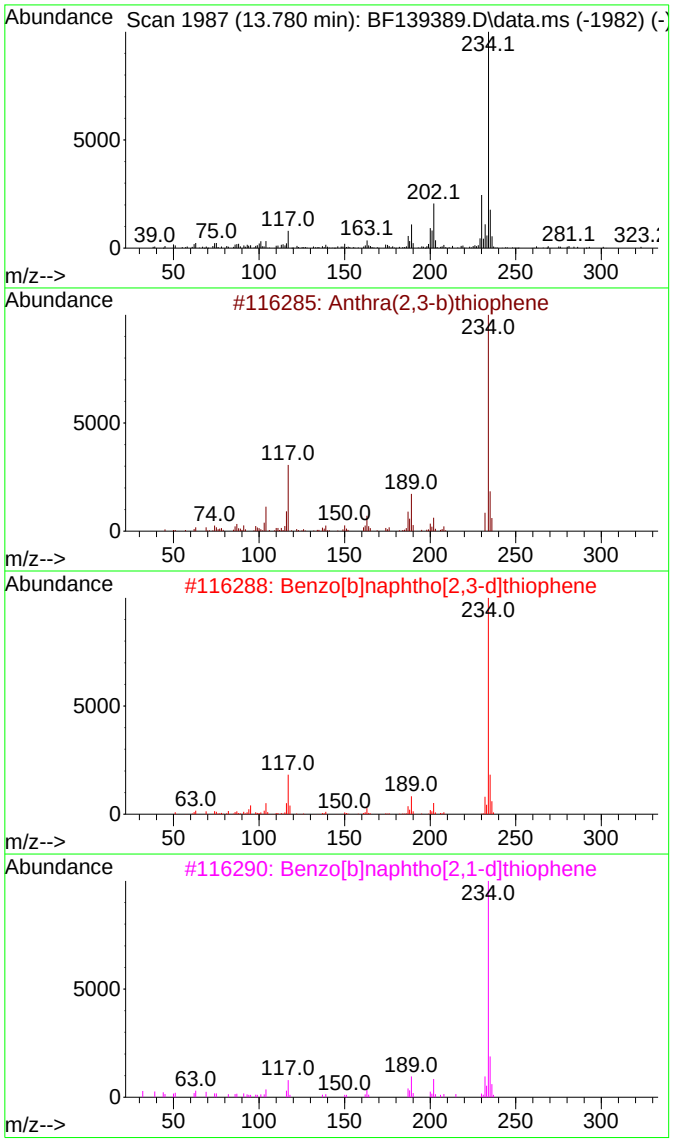
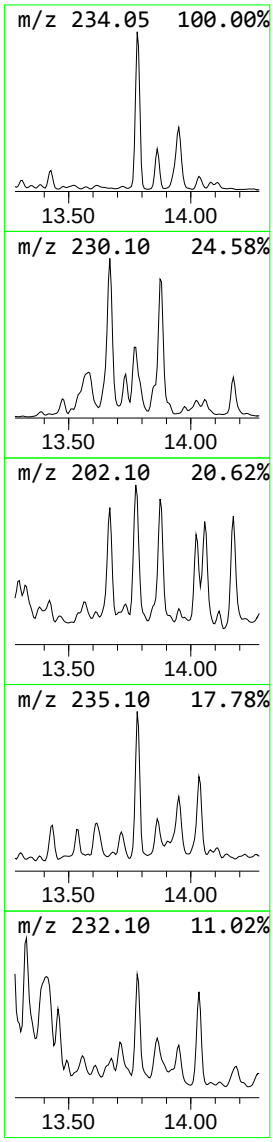
Peak Number 19 Anthra(2,3-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	4.82 ng	157016	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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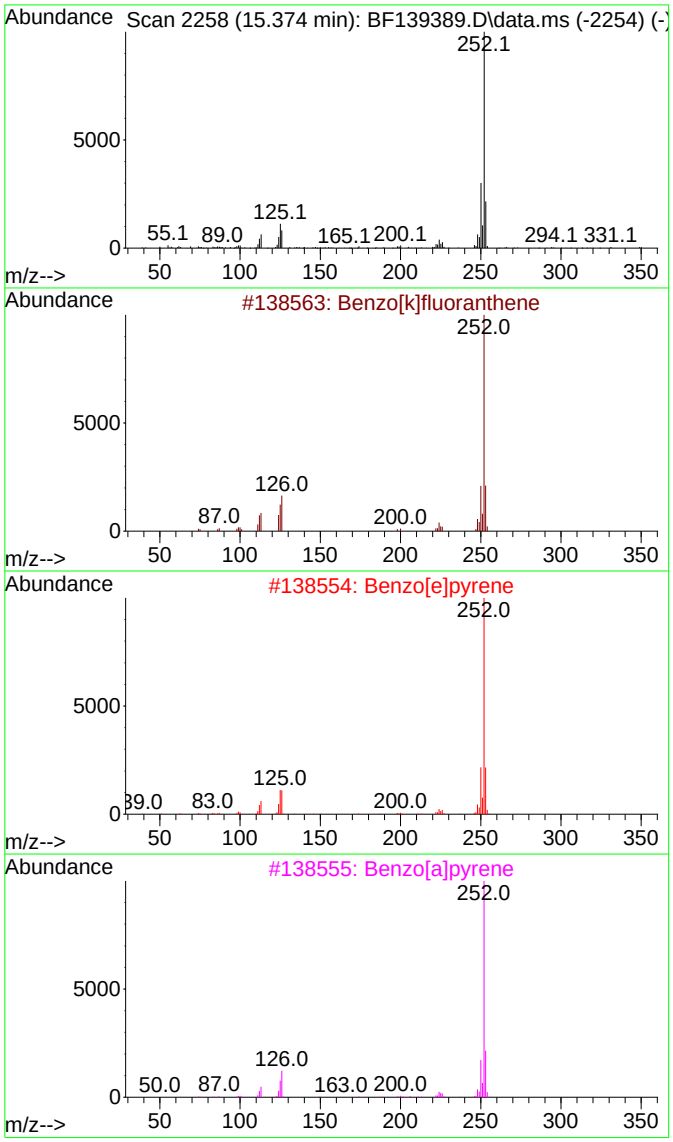
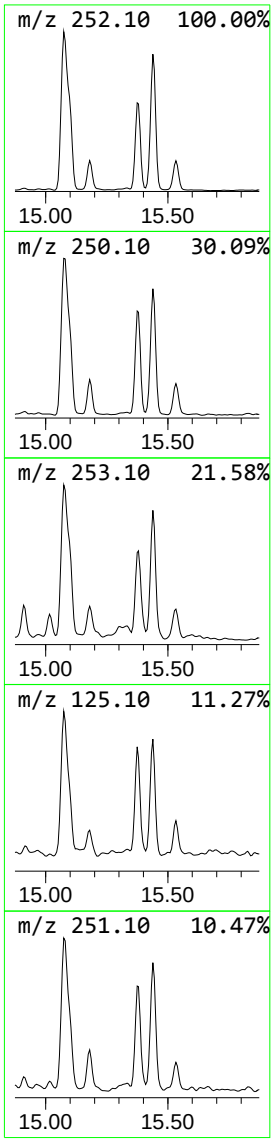
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	19.94 ng	177043	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139389.D
Acq On : 16 Sep 2024 20:16
Operator : RC/JU
Sample : P3976-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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
Butane, 2-metho...	2.175	47.9	ng	859422	1	6.881	359182	20.0
2-Pentanone, 4-...	5.092	4.4	ng	78949	1	6.881	359182	20.0
9H-Fluorene, 2-...	11.004	4.6	ng	79182	4	11.398	341796	20.0
Naphtho[1,2-b]t...	11.292	5.1	ng	86726	4	11.398	341796	20.0
Dibenzothiophen...	11.727	5.6	ng	95880	4	11.398	341796	20.0
Phenanthrene, 1...	11.898	15.4	ng	262599	4	11.398	341796	20.0
Anthracene, 2-m...	11.922	20.2	ng	344896	4	11.398	341796	20.0
Benzaldehyde, 3...	12.010	30.3	ng	517040	4	11.398	341796	20.0
Tricyclo[8.2.2....	12.192	8.4	ng	143188	4	11.398	341796	20.0
9,10-Anthracene...	12.216	10.2	ng	174368	4	11.398	341796	20.0
Phenanthrene, 3...	12.339	4.8	ng	81687	4	11.398	341796	20.0
9,10-Dimethylan...	12.445	14.1	ng	240764	4	11.398	341796	20.0
unknown12.480	12.480	6.5	ng	110895	4	11.398	341796	20.0
Cyclopenta(def)...	12.533	5.8	ng	98657	4	11.398	341796	20.0
Pyrene, 1-methyl-	13.057	6.3	ng	205224	5	14.033	651293	20.0
11H-Benzo[a]flu...	13.163	8.2	ng	266998	5	14.033	651293	20.0
Fluoranthene, 2...	13.227	4.5	ng	145749	5	14.033	651293	20.0
Pyrene, 2-methyl-	13.268	5.2	ng	167775	5	14.033	651293	20.0
Anthra(2,3-b)th...	13.780	4.8	ng	157016	5	14.033	651293	20.0
Benzo[e]pyrene	15.374	19.9	ng	177043	6	15.504	177532	20.0