LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.187	524	527	541	rBV	401743	447373	4.17%	0.459%
2	6.234	702	705	717	rBV	430703	412237	3.85%	0.423%
3	6.587	762	765	773	rVB	422092	348857	3.26%	0.358%
4	7.151	859	861	866	rBV	284092	244552	2.28%	0.251%
5	7.869	979	983	985	rBV	514154	421571	3.93%	0.432%
6	7.892	985	987	990	rVB	643526	465013	4.34%	0.477%
7	8.581	1101	1104	1107	rVB	381732	279906	2.61%	0.287%
8	8.681	1116	1121	1124	rBV	577546	460414	4.30%	0.472%
9	8.945	1160	1166	1169	rBV	615952	460402	4.30%	0.472%
10	9.204	1206	1210	1214	rBV	291970	390511	3.64%	0.400%
11	9.281	1219	1223	1225	rVV	552660	506379	4.72%	0.519%
12	9.304	1225	1227	1232	rVB	316204	267534	2.50%	0.274%
13	9.392	1237	1242	1248	rBV	243203	302532	2.82%	0.310%
14	9.481	1251	1257	1262	rBV	370953	338730	3.16%	0.347%
15	9.616	1274	1280	1283	rBV2	538143	551404	5.15%	0.565%
16	9.651	1283	1286	1290	rVB	1368664	1103911	10.30%	1.132%
17	9.822	1309	1315	1318	rVV	1329077	1101330	10.28%	1.129%
18	9.863	1318	1322	1324	rVB	196253	161603	1.51%	0.166%
19	9.933	1330	1334	1337	rBV2	202038	202624	1.89%	0.208%
20	10.022	1345	1349	1351	rBV	128375	163431	1.52%	0.168%
21	10.169	1370	1374	1377	rVV	2483373	2085143	19.46%	2.138%
22	10.251	1386	1388	1390	rVV	258822	225923	2.11%	0.232%
23	10.322	1397	1400	1404	rVV	476697	423628	3.95%	0.434%
24	10.404	1408	1414	1418	rVV	822600	908974	8.48%	0.932%
25	10.533	1431	1436	1442	rVB3	169334	223164	2.08%	0.229%
26	10.710	1460	1466	1469	rBV2	491157	570074	5.32%	0.584%
27	10.739	1469	1471	1473	rVV	273757	231059	2.16%	0.237%
28	10.792	1477	1480	1483	rVV	239042	213446	1.99%	0.219%
29	10.839	1483	1488	1490	rVV2	188287	253155	2.36%	0.260%
30	10.863	1490	1492	1494	rVV	201127	193655	1.81%	0.199%
31	10.910	1497	1500	1504	rVV2	256493	246335	2.30%	0.253%
32	10.951	1504	1507	1510	rVV	225391	243308	2.27%	0.249%
33	10.998	1510	1515	1521	rVB	844335	821957	7.67%	0.843%
34	11.145	1529	1540	1542	rBV	7259221	9938283	92.73%	10.188%
35	11.186	1542	1547	1549	rVV	3248269	2765106	25.80%	2.835%
36	11.216	1549	1552	1554	rVV2	246174	252851	2.36%	0.259%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.339	1568	1573	1580	rBV	1214958	1125578	10.50%	1.154%
38	11.398	1580	1583	1586	rVV4	243768	244361	2.28%	0.251%
39	11.427	1586	1588	1594	rVV3	238534	309942	2.89%	0.318%
40	11.510	1598	1602	1607	rVB2	217700	268671	2.51%	0.275%
41	11.604	1614	1618	1620	rBV	1328765	1209062	11.28%	1.239%
42	11.633	1620	1623	1627	rVB	1940013	1600048	14.93%	1.640%
43	11.680	1627	1631	1634	rBV	688934	655811	6.12%	0.672%
44	11.716	1634	1637	1639	rVV	2414314	2449409	22.85%	2.511%
45	11.739	1639	1641	1646	rVB	997692	753201	7.03%	0.772%
46	11.786	1646	1649	1651	rBV	170795	173018	1.61%	0.177%
47	11.898	1665	1668	1671	rBV	845099	677715	6.32%	0.695%
48	11.933	1671	1674	1677	rVB2	316239	318424	2.97%	0.326%
49	12.075	1696	1698	1700	rBV	307711	237486	2.22%	0.243%
50	12.098	1700	1702	1706	rVB2	222569	219623	2.05%	0.225%
51	12.151	1707	1711	1714	rBV	689459	810276	7.56%	0.831%
52	12.192	1714	1718	1720	rVV3	676573	787123	7.34%	0.807%
53	12.210	1720	1721	1724	rVV	410365	288384	2.69%	0.296%
54	12.251	1724	1728	1733	rVB2	339316	444605	4.15%	0.456%
55	12.339	1733	1743	1745	rBV	7209584	10717266	100.00%	10.987%
56	12.380	1748	1750	1753	rVB	225366	175883	1.64%	0.180%
57	12.463	1760	1764	1767	rBV	544180	531770	4.96%	0.545%
58	12.563	1773	1781	1784	rBV2	6247780	9935942	92.71%	10.186%
59	12.592	1784	1786	1791	rVB2	477084	513559	4.79%	0.526%
60	12.663	1794	1798	1800	rBV	636344	625438	5.84%	0.641%
61	12.686	1800	1802	1804	rBV	499704	389572	3.63%	0.399%
62	12.763	1809	1815	1818	rBV2	631336	1029040	9.60%	1.055%
63	12.792	1818	1820	1822	rVV	275301	194987	1.82%	0.200%
64	12.845	1826	1829	1831	rVV4	475820	659523	6.15%	0.676%
65	12.874	1831	1834	1837	rVB	1845076	1605635	14.98%	1.646%
66	12.939	1837	1845	1848	rBV	1797803	1922405	17.94%	1.971%
67	12.974	1848	1851	1854	rVV2	938071	1094231	10.21%	1.122%
68	13.027	1858	1860	1863	rVV	177796	176965	1.65%	0.181%
69	13.063	1863	1866	1869	rVV	447949	436788	4.08%	0.448%
70	13.092	1869	1871	1879	rVB2	491539	651887	6.08%	0.668%
71	13.269	1894	1901	1903	rBV6	269303	427730	3.99%	0.438%
72	13.292	1903	1905	1907	rVB2	209495	188156	1.76%	0.193%
73	13.351	1912	1915	1918	rBV	287662	360602	3.36%	0.370%
74	13.380	1918	1920	1924	rVB2	241909	237578	2.22%	0.244%
75	13.486	1934	1938	1940	rBV	608731	608433	5.68%	0.624%
76	13.510	1940	1942	1945	rBV	484253	434854	4.06%	0.446%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.539	1945	1947	1948	rBV	331223	265557	2.48%	0.272%
78	13.592	1953	1956	1958	rVB2	210534	206313	1.93%	0.211%
79	13.739	1974	1981	1984	rBV2	3349639	5149168	48.05%	5.279%
80	13.774	1984	1987	1990	rVV	3047533	3197440	29.83%	3.278%
81	13.845	1997	1999	2001	rVV	744743	536253	5.00%	0.550%
82	13.886	2004	2006	2008	rVV	262274	259326	2.42%	0.266%
83	13.933	2012	2014	2016	rVV	257410	231580	2.16%	0.237%
84	13.968	2018	2020	2023	rVB	316338	236509	2.21%	0.242%
85	14.086	2037	2040	2042	rBV	329111	314877	2.94%	0.323%
86	14.127	2042	2047	2049	rVV	621615	759806	7.09%	0.779%
87	14.157	2049	2052	2055	rVB2	317305	265246	2.47%	0.272%
88	14.221	2060	2063	2065	rVV2	343222	388393	3.62%	0.398%
89	14.245	2065	2067	2069	rVV	332373	329174	3.07%	0.337%
90	14.268	2069	2071	2074	rVB2	401946	339180	3.16%	0.348%
91	14.598	2124	2127	2133	rBV	210991	271398	2.53%	0.278%
92	14.751	2147	2153	2155	rBV	2075943	3176104	29.64%	3.256%
93	14.839	2165	2168	2171	rVB	483318	448162	4.18%	0.459%
94	15.015	2194	2198	2203	rVB	1149216	1398347	13.05%	1.434%
95	15.074	2203	2208	2212	rVV	1833373	2278185	21.26%	2.335%
96	15.121	2214	2216	2218	rVV	250739	277750	2.59%	0.285%
97	15.151	2218	2221	2227	rVB2	575770	742755	6.93%	0.761%
98	16.427	2432	2438	2444	rBV	744963	1339679	12.50%	1.373%
99	16.574	2459	2463	2468	rBV	171161	366174	3.42%	0.375%
100	16.821	2499	2505	2517	rVB	513400	1052794	9.82%	1.079%

Sum of corrected areas: 97547526

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
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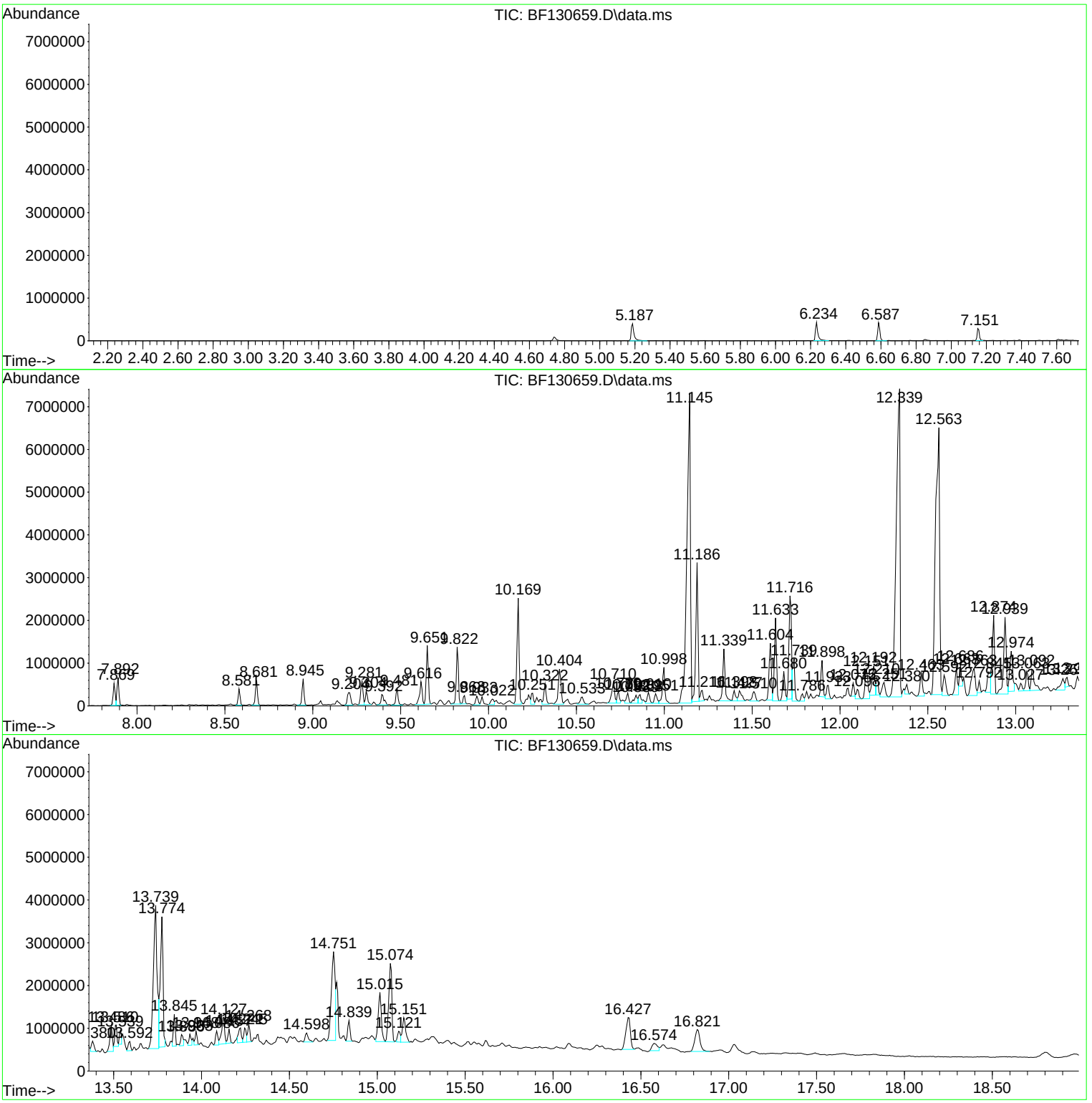
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
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Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

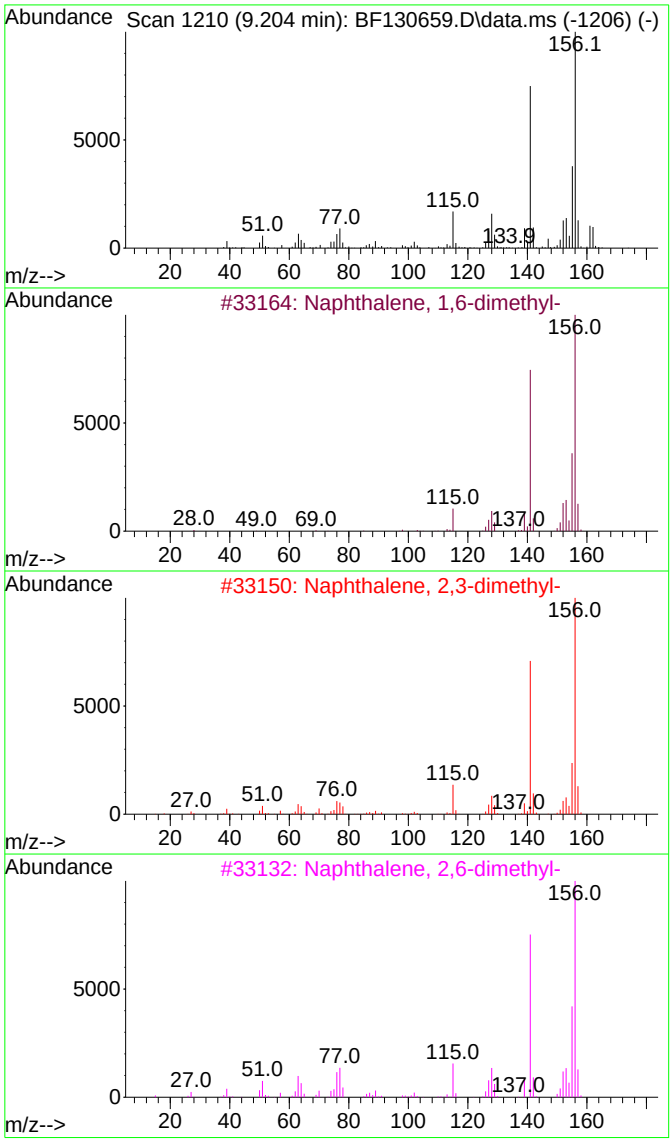
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

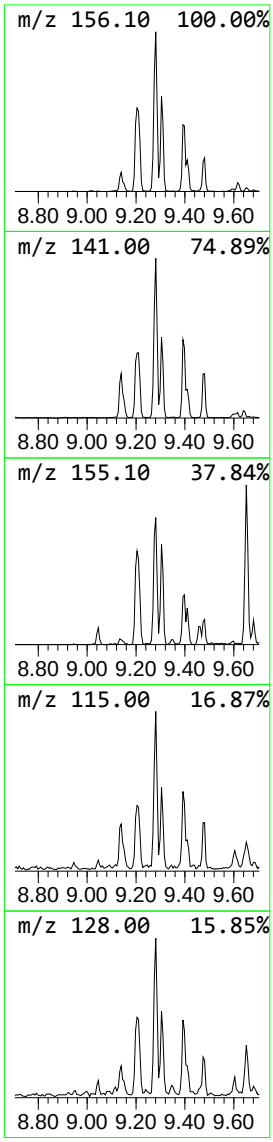
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	14.16 ng	390511	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

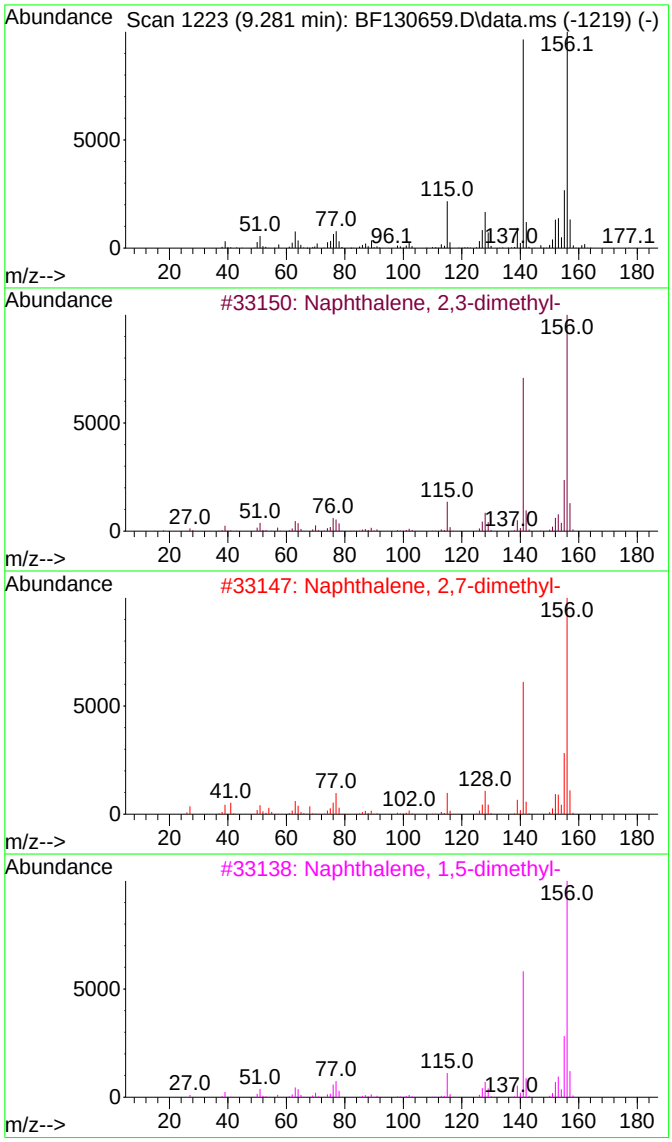
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

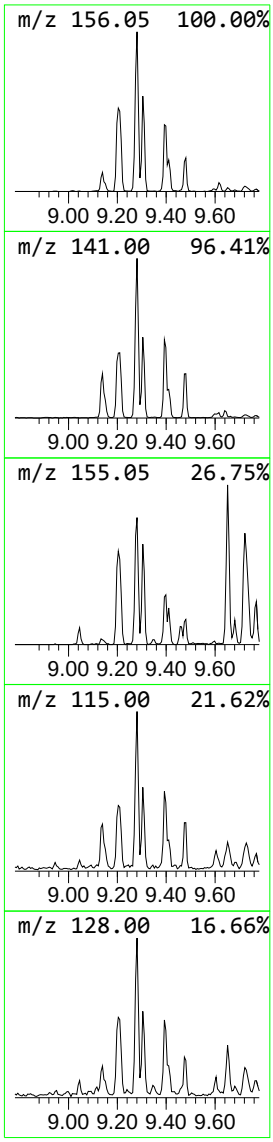
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.281	18.37 ng	506379	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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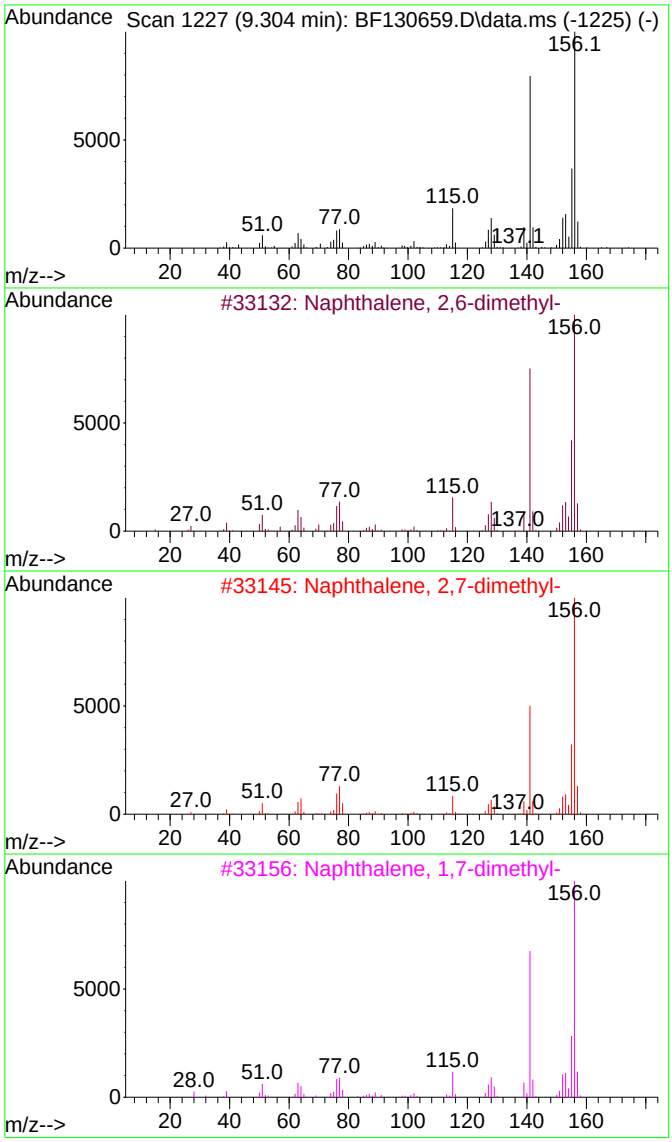
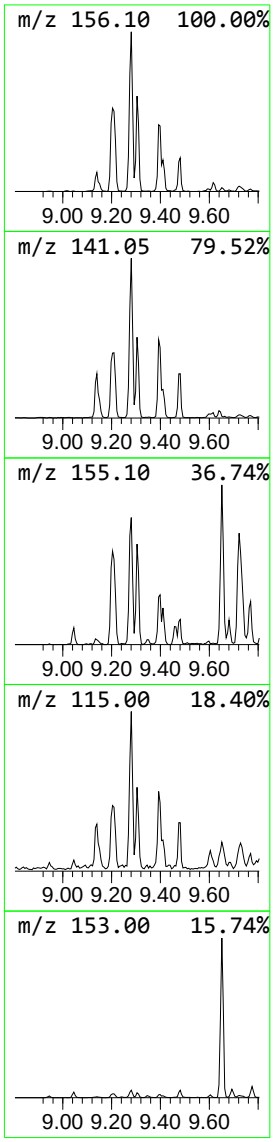
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	9.70 ng	267534	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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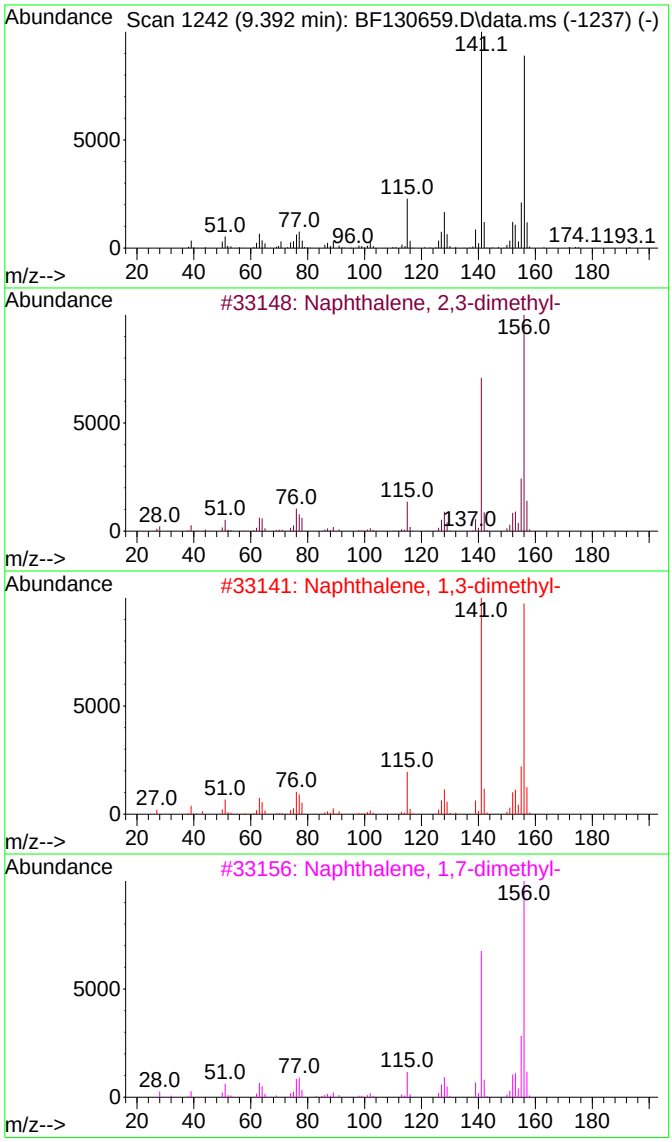
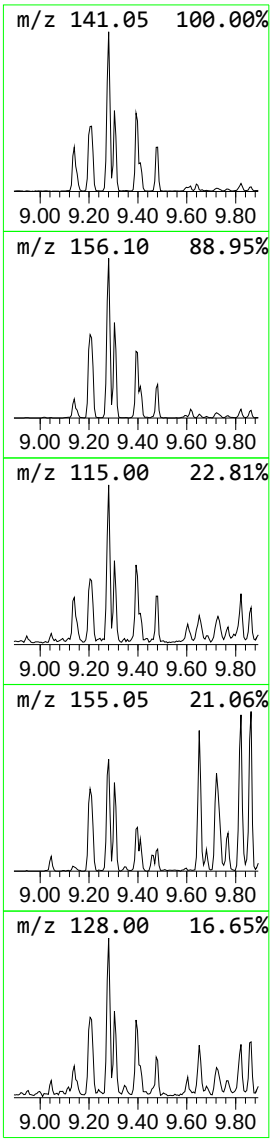
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.392	10.97 ng	302532	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

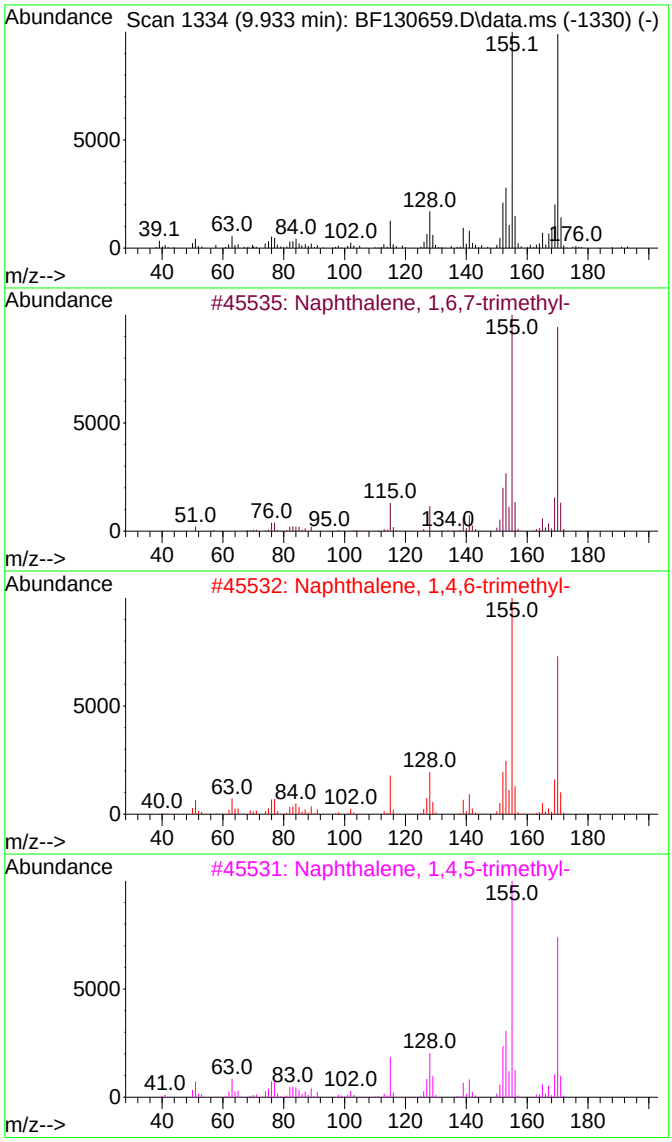
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

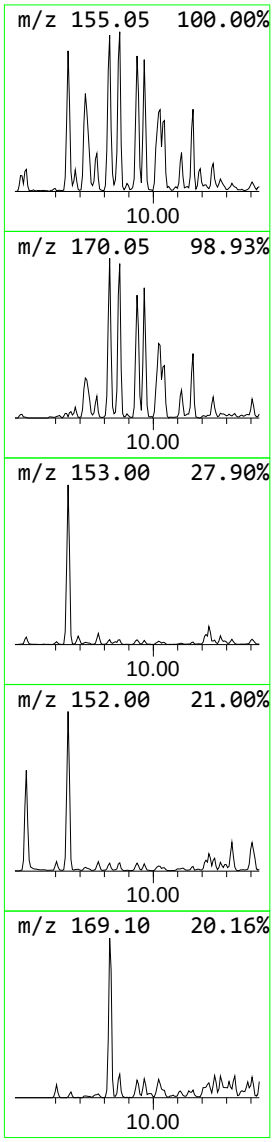
****

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.933	7.35 ng	202624	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

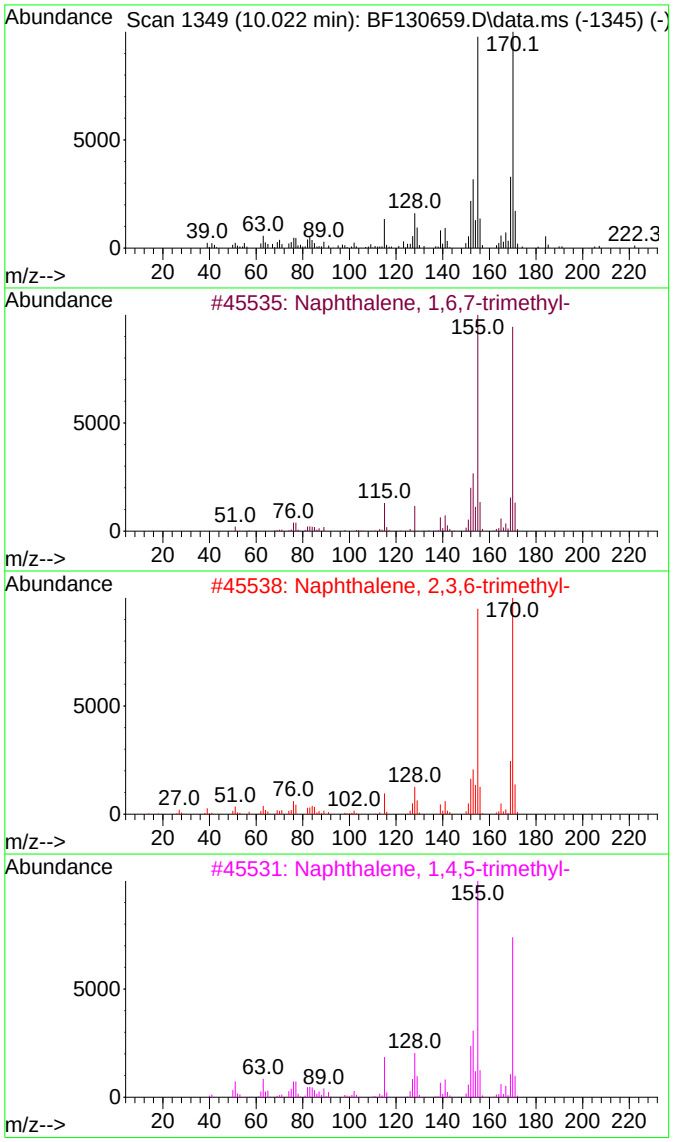
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

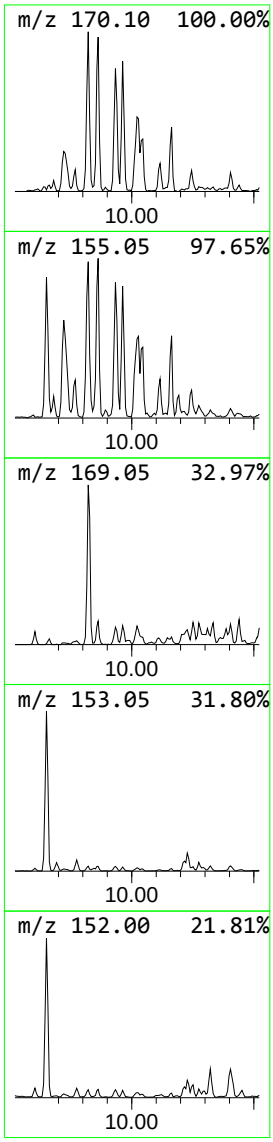
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	5.93 ng	163431	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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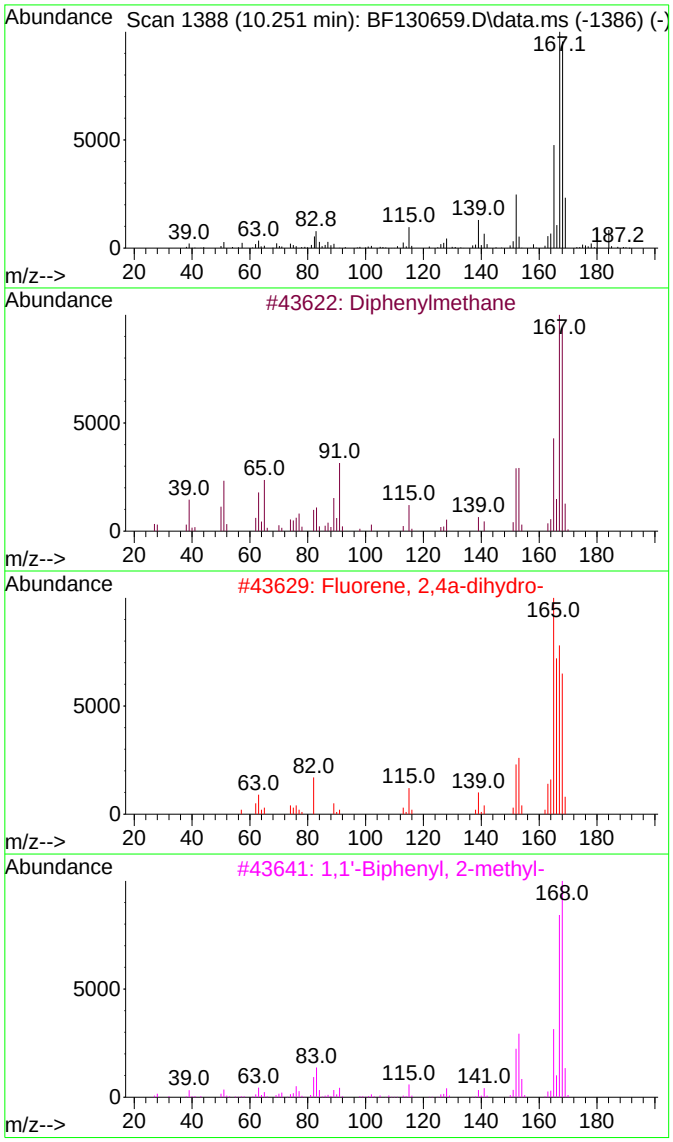
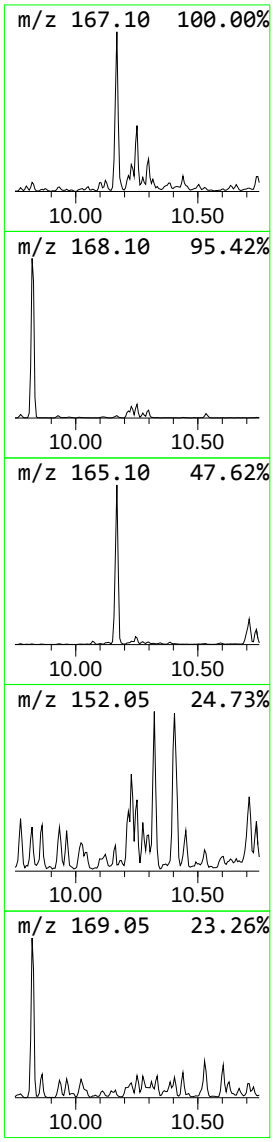
Peak Number 7 Diphenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	8.19 ng	225923	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	76
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	58
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
5	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
SU-2-101222

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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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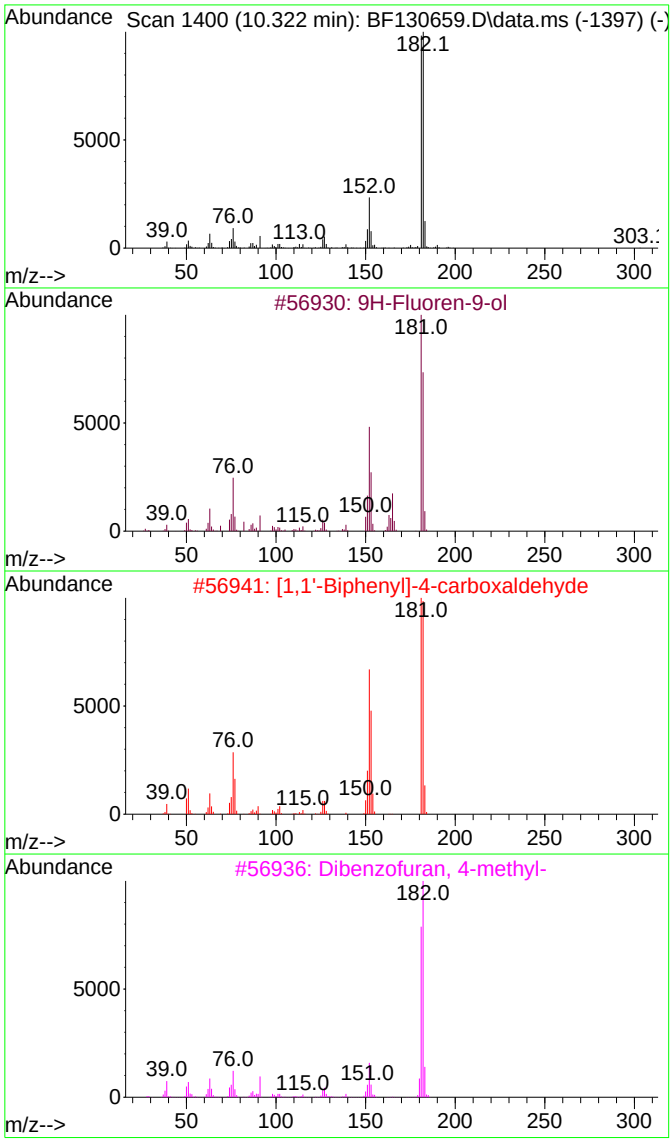
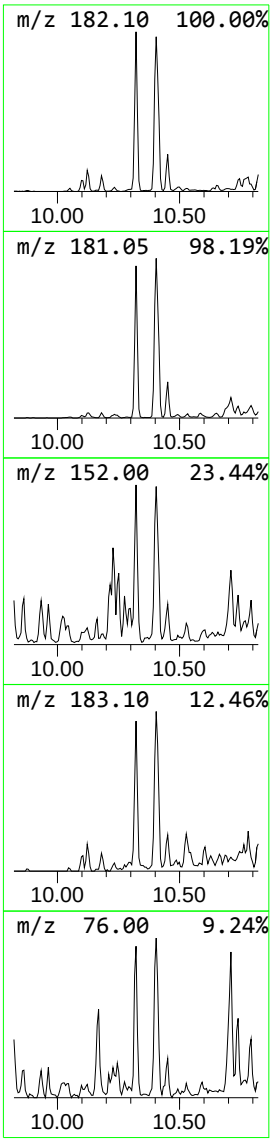
Peak Number 8 9H-Fluoren-9-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	15.37 ng	423628	Acenaphthene-d10	9.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





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ALS Vial : 19 Sample Multiplier: 1

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

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

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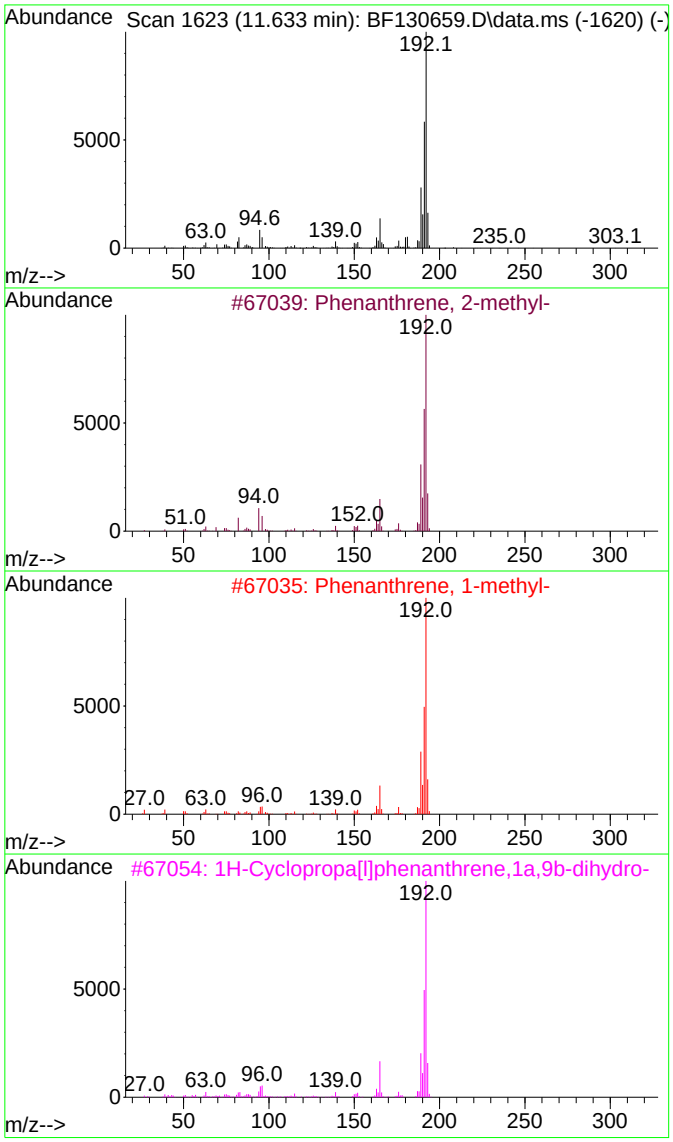
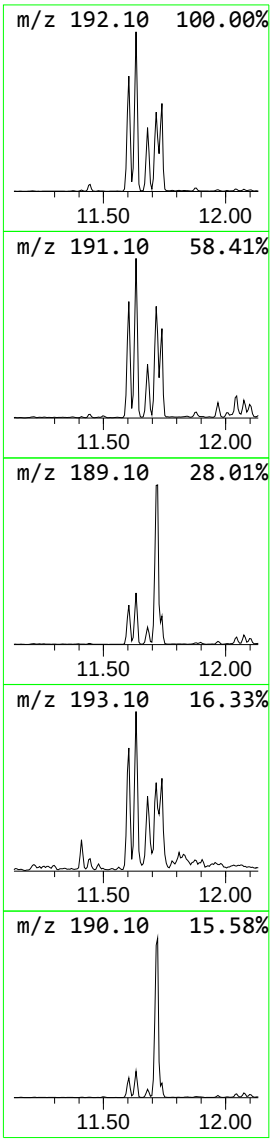
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	3.22 ng	1600050	Phenanthrene-d10	11.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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SU-2-101222

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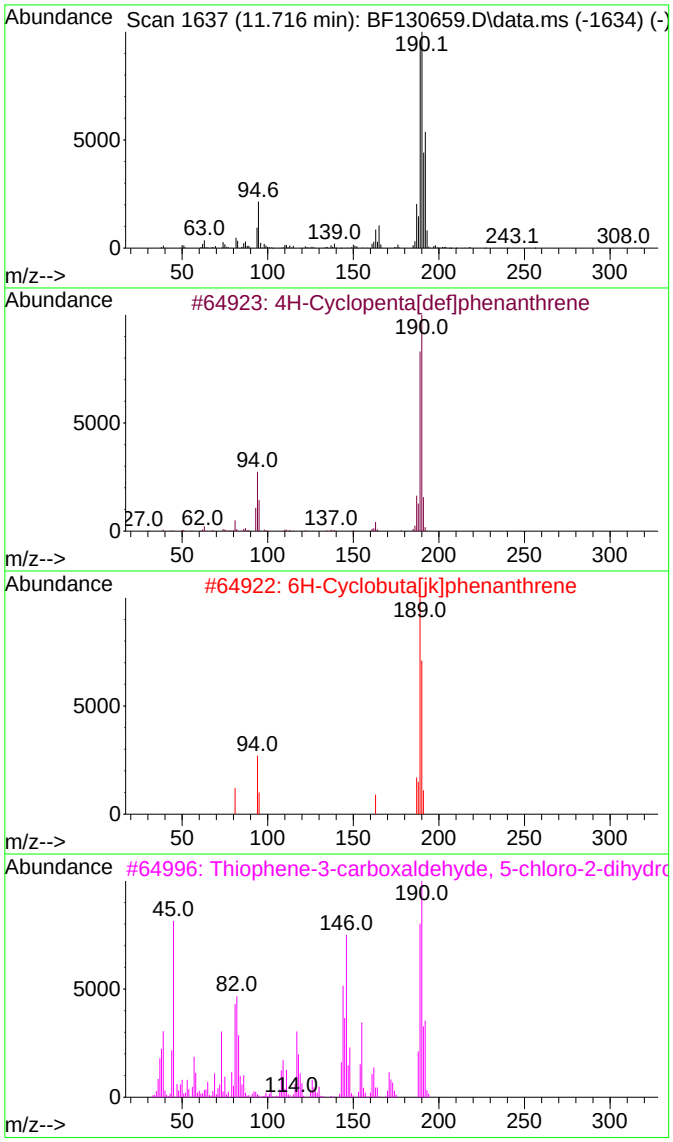
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

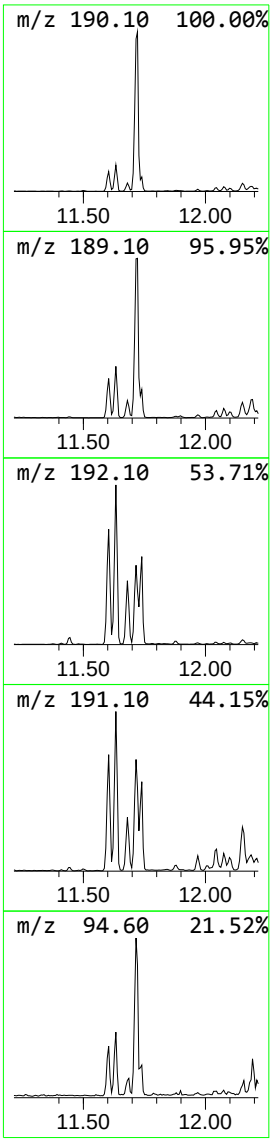
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	4.93 ng	2449410	Phenanthrene-d10	11.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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ALS Vial : 19 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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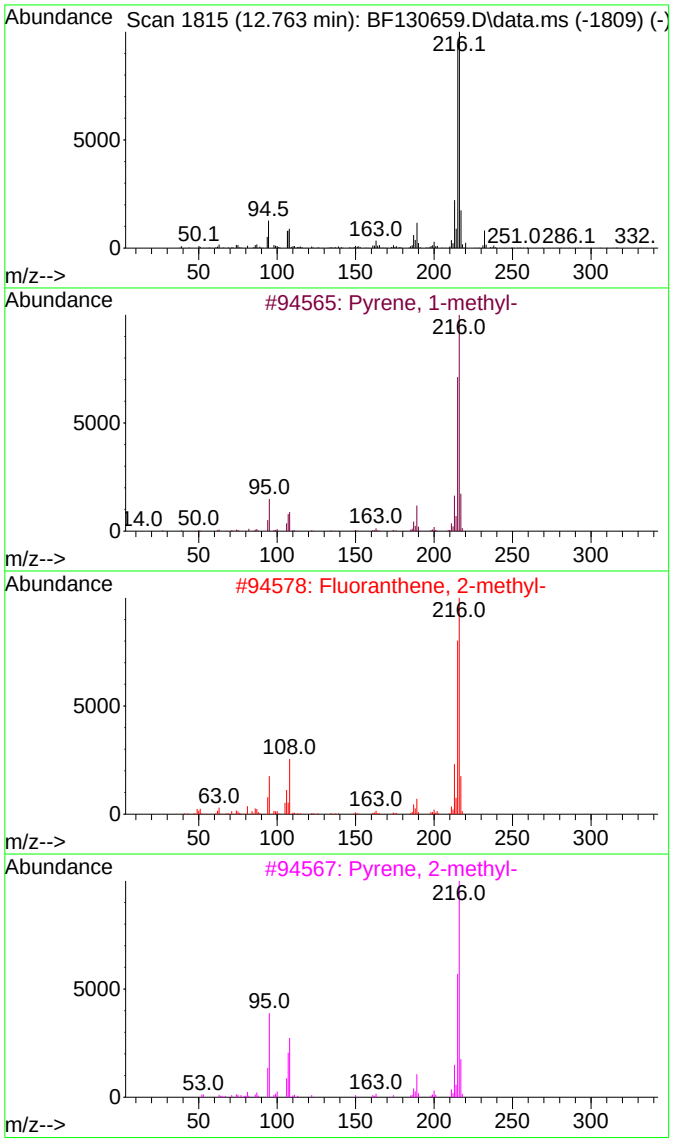
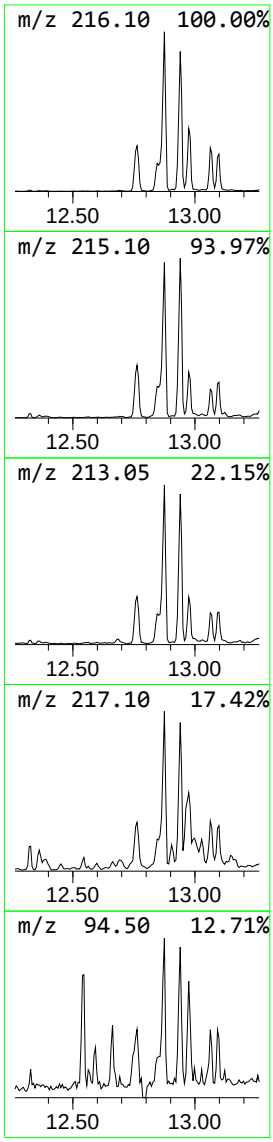
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	4.00 ng	1029040	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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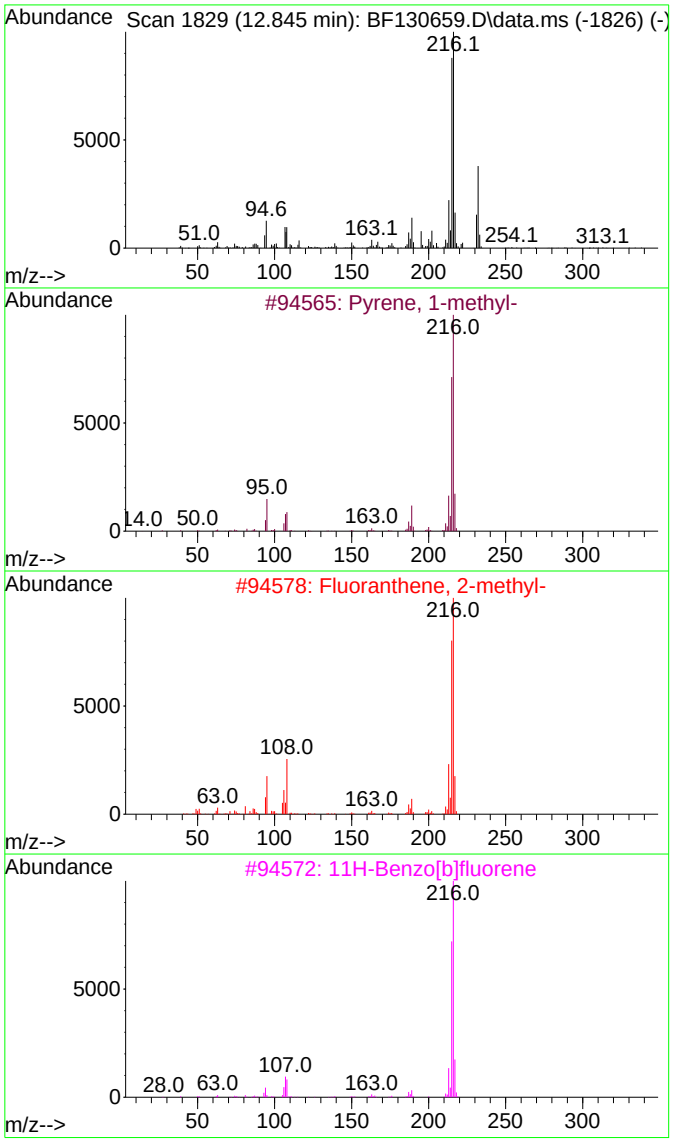
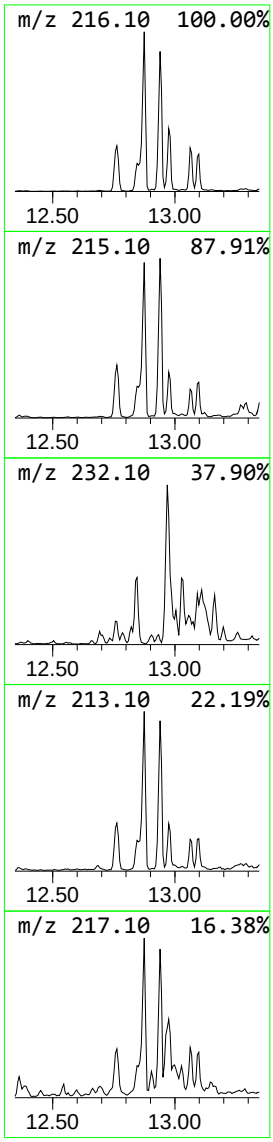
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.845	2.56 ng	659523	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Misc :
ALS Vial : 19 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

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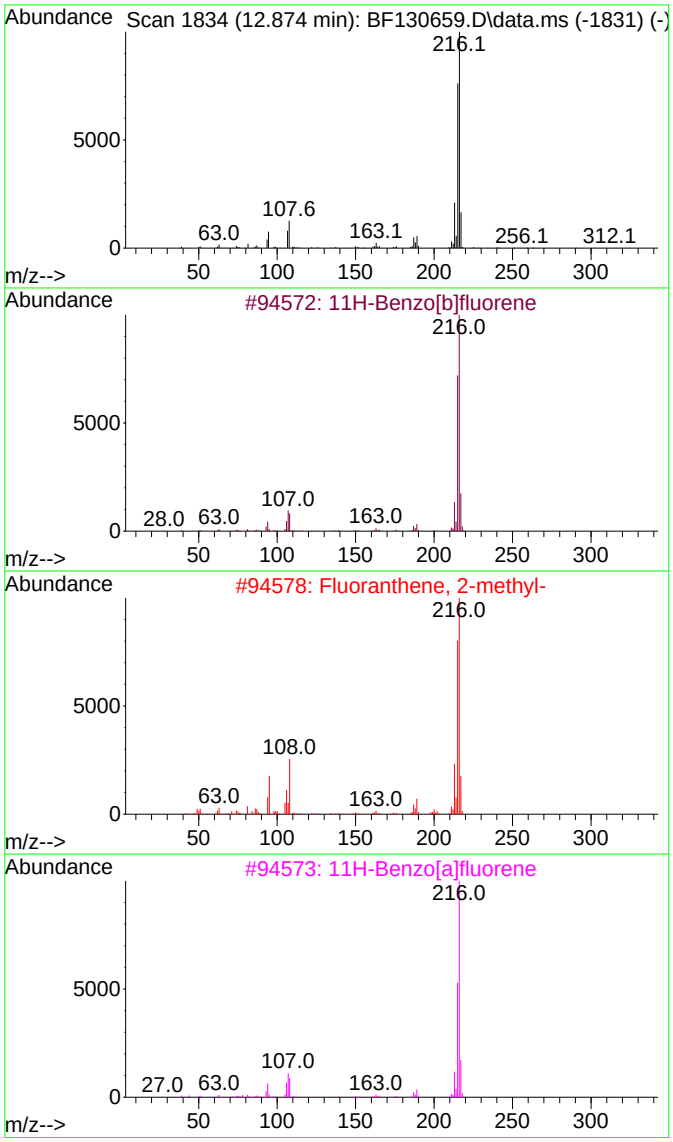
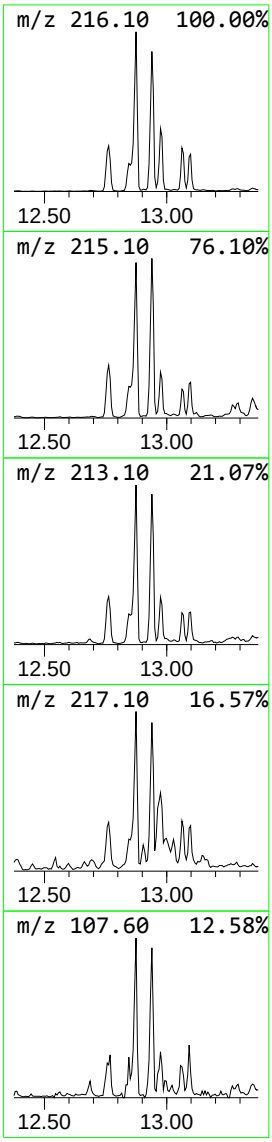
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.874	6.24 ng	1605640	Chrysene-d12	13.745

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	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Misc :
ALS Vial : 19 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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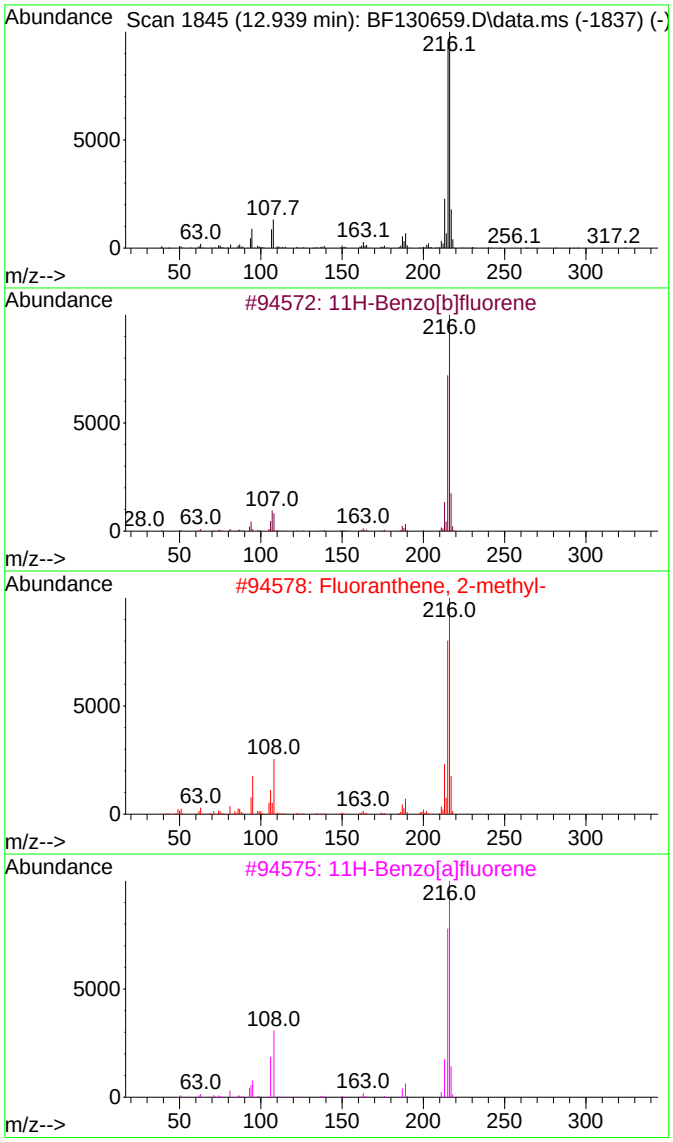
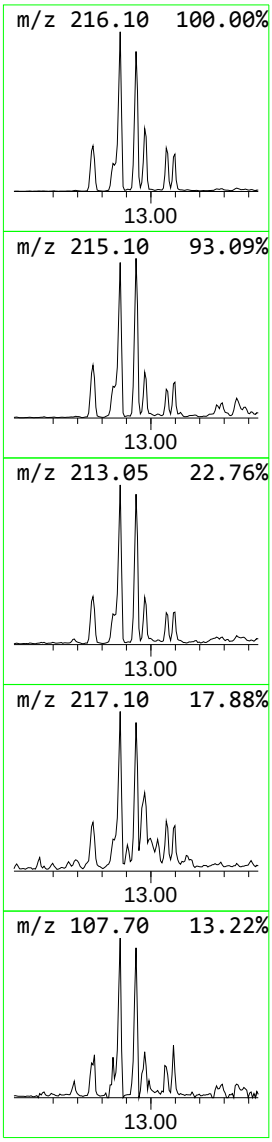
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	7.47 ng	1922410	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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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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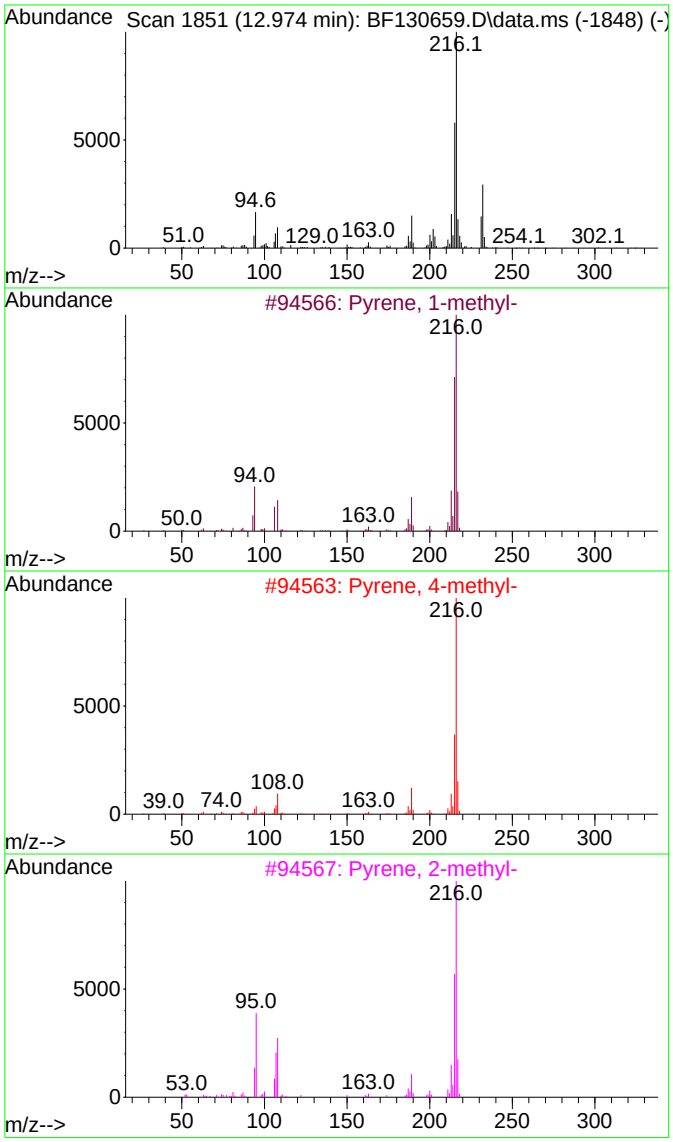
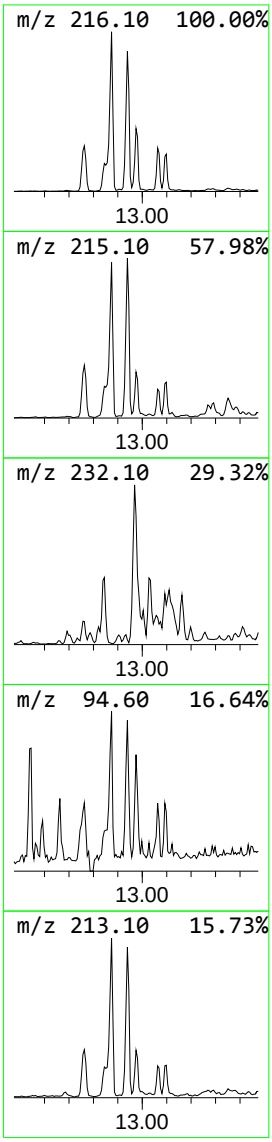
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.974	4.25 ng	1094230	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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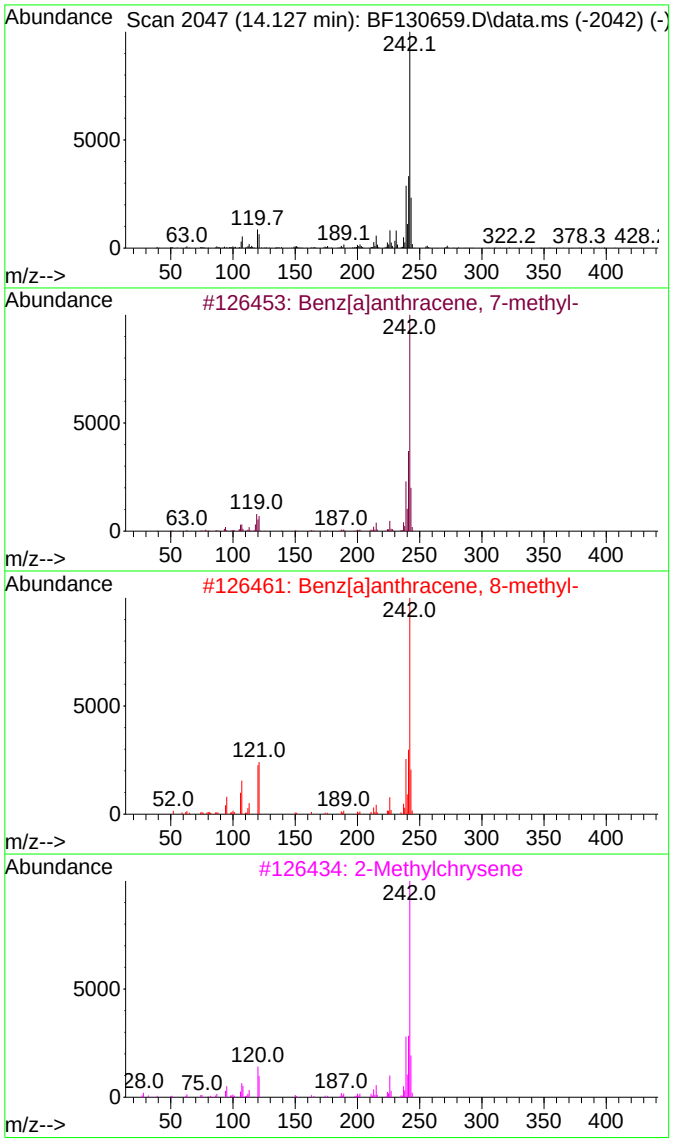
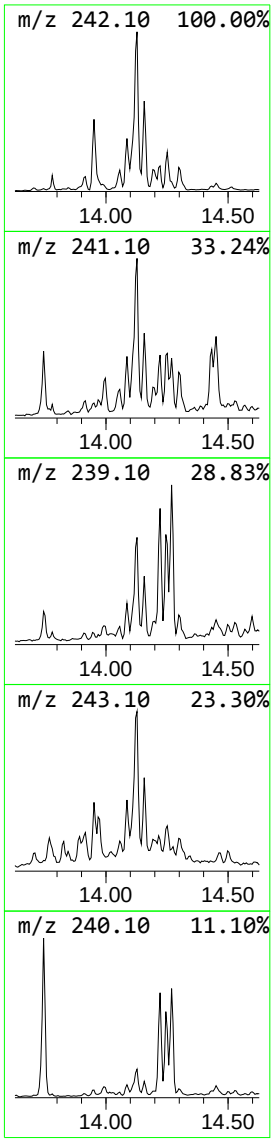
Peak Number 16 Benz[a]anthracene, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.127	2.95 ng	759806	Chrysene-d12	13.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3	2-Methylchrysene	242	C19H14	003351-32-4	95
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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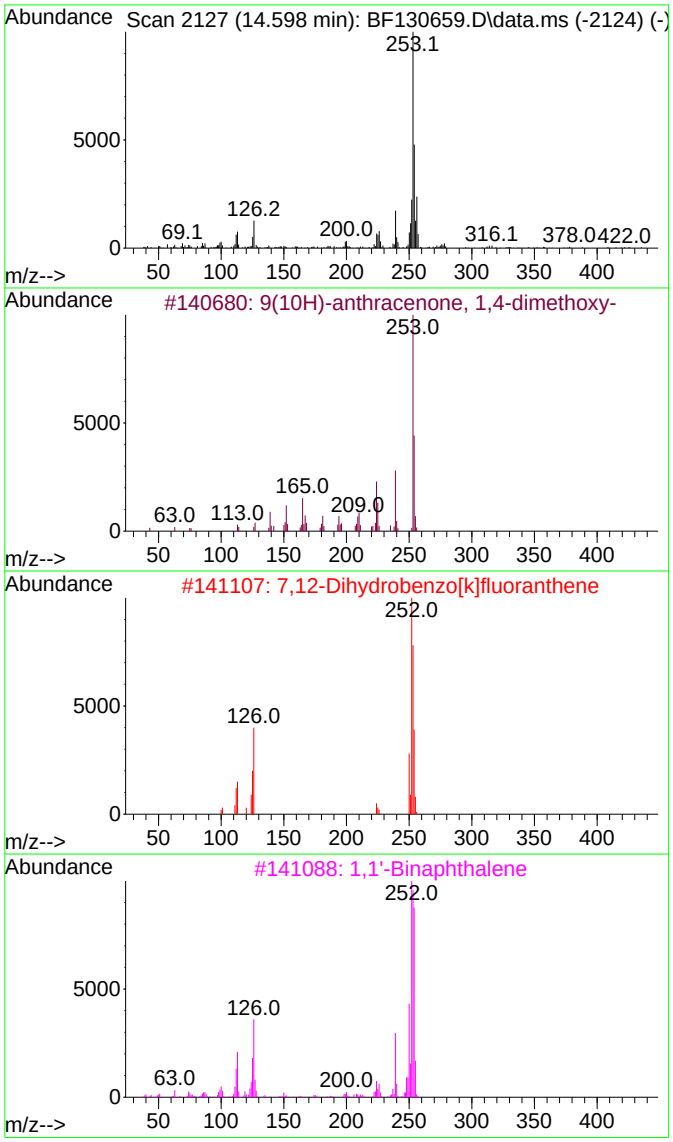
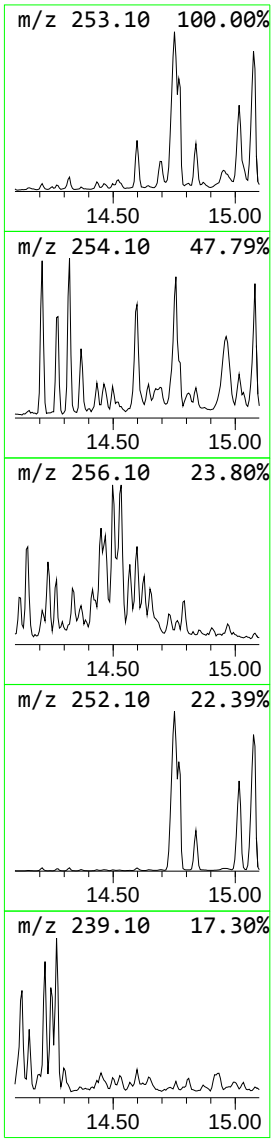
Peak Number 17 9(10H)-anthracenone, 1,4-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.598	19.54 ng	271398	Perylene-d12	15.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	68
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	62
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	55
4	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	50
5	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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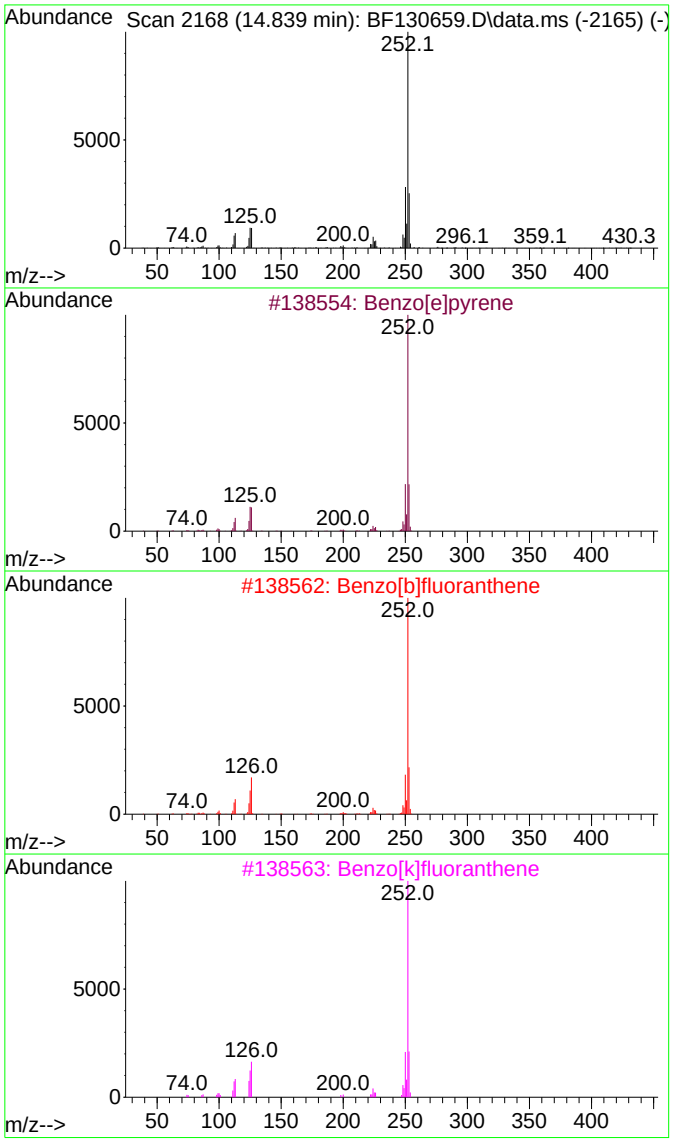
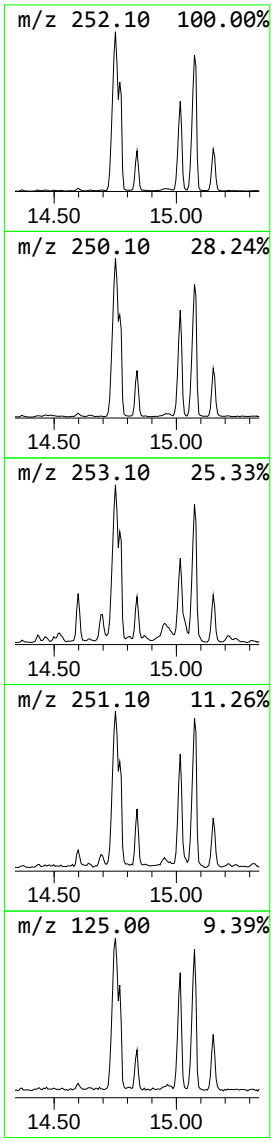
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	32.27 ng	448162	Perylene-d12	15.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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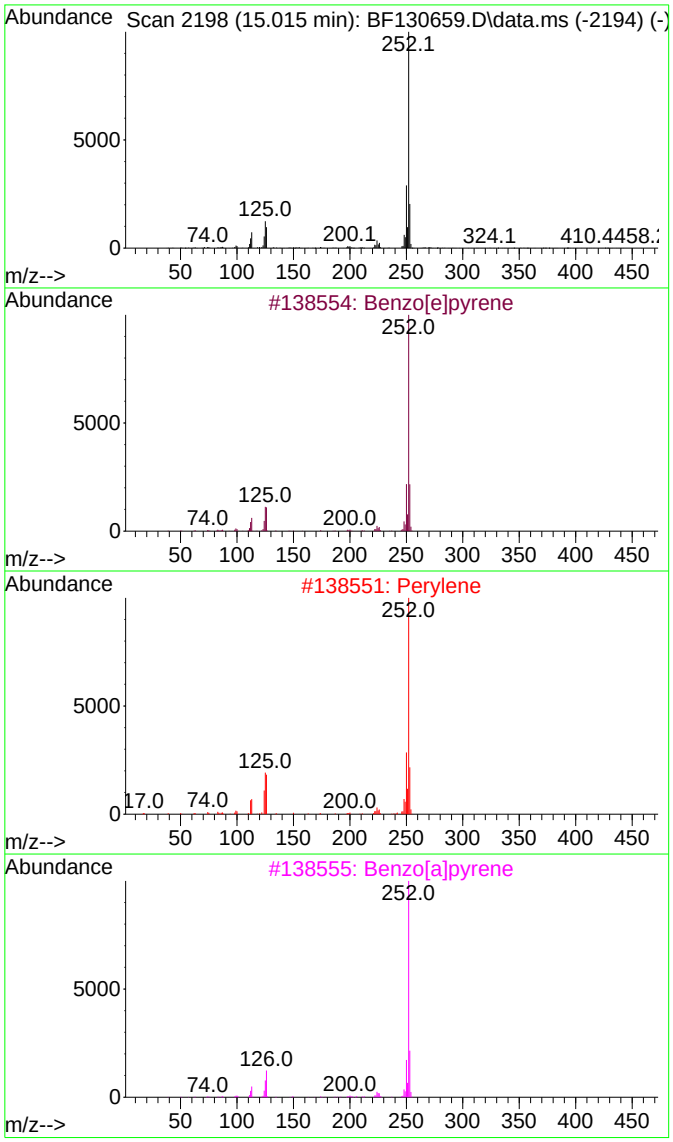
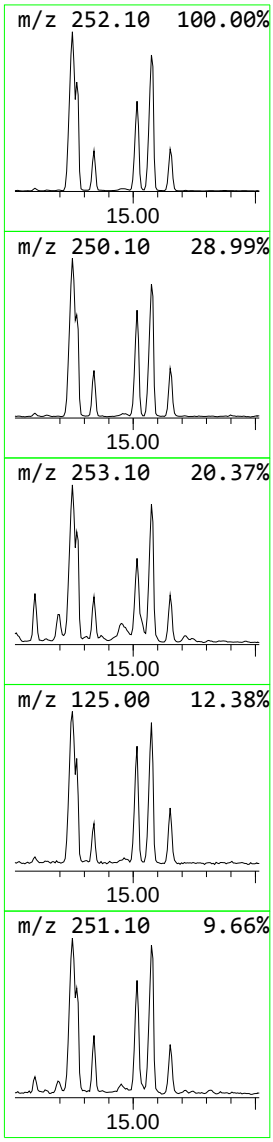
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	100.69 ng	1398350	Perylene-d12	15.121

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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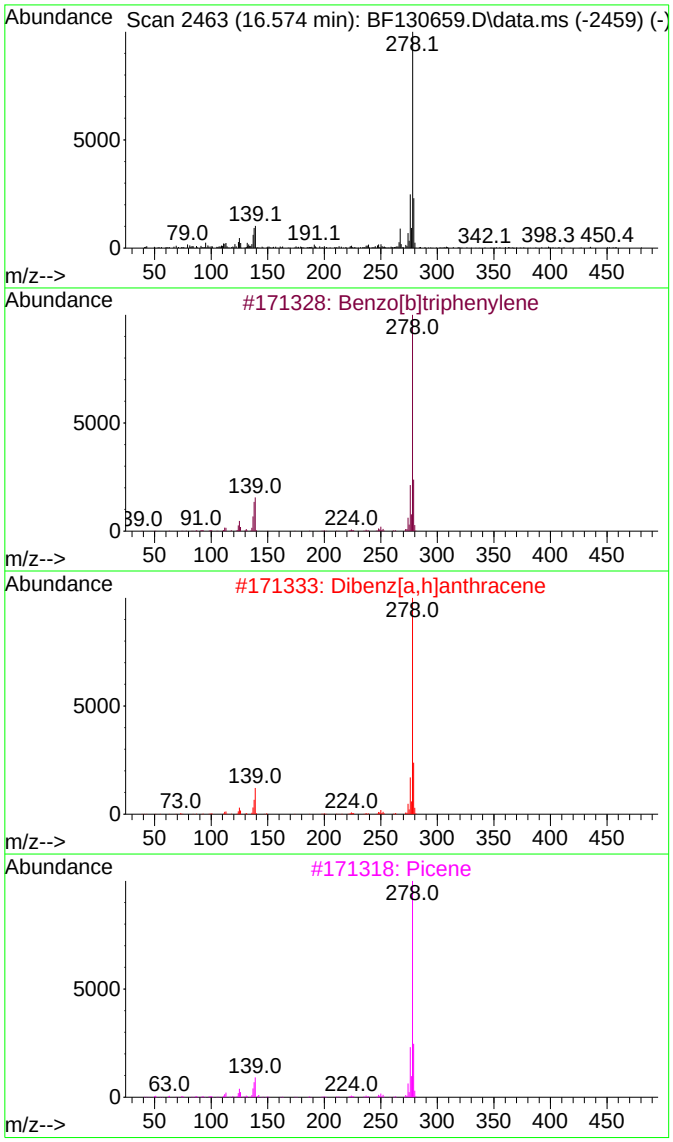
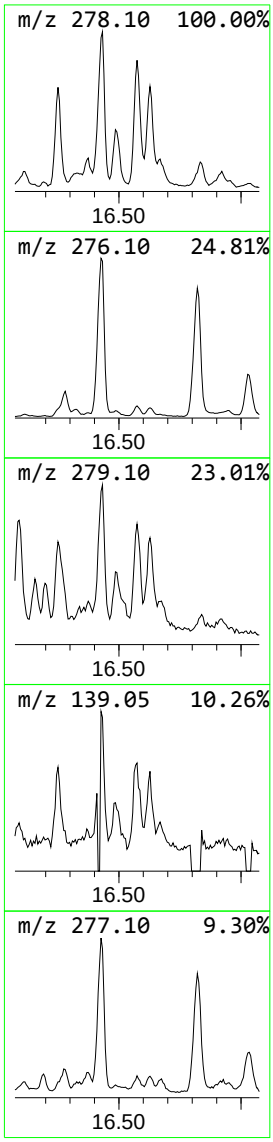
Peak Number 20 Benzo[b]triphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.574	26.37 ng	366174	Perylene-d12	15.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
3	Picene	278	C22H14	000213-46-7	94
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	90
5	Pentaphene	278	C22H14	000222-93-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130659.D
Acq On : 13 Oct 2022 21:44
Operator : CG\JU
Sample : N5118-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-2-101222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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
Naphthalene, 1,...	9.204	14.2	ng	390511	3	9.616	551404	20.0
Naphthalene, 2,...	9.281	18.4	ng	506379	3	9.616	551404	20.0
Naphthalene, 2,...	9.304	9.7	ng	267534	3	9.616	551404	20.0
Naphthalene, 1,...	9.392	11.0	ng	302532	3	9.616	551404	20.0
Naphthalene, 1,...	9.933	7.3	ng	202624	3	9.616	551404	20.0
Naphthalene, 2,...	10.022	5.9	ng	163431	3	9.616	551404	20.0
Diphenylmethane	10.251	8.2	ng	225923	3	9.616	551404	20.0
9H-Fluoren-9-ol	10.322	15.4	ng	423628	3	9.616	551404	20.0
Phenanthrene, 2...	11.633	3.2	ng	1600050	4	11.104	9938280	20.0
4H-Cyclopenta[d...	11.716	4.9	ng	2449410	4	11.104	9938280	20.0
Pyrene, 1-methyl-	12.763	4.0	ng	1029040	5	13.745	5149170	20.0
Fluoranthene, 2...	12.845	2.6	ng	659523	5	13.745	5149170	20.0
11H-Benzo[b]flu...	12.874	6.2	ng	1605640	5	13.745	5149170	20.0
11H-Benzo[a]flu...	12.939	7.5	ng	1922410	5	13.745	5149170	20.0
Pyrene, 4-methyl-	12.974	4.3	ng	1094230	5	13.745	5149170	20.0
Benz[a]anthrace...	14.127	3.0	ng	759806	5	13.745	5149170	20.0
9(10H)-anthrace...	14.598	19.5	ng	271398	6	15.121	277750	20.0
Benzo[e]pyrene	14.839	32.3	ng	448162	6	15.121	277750	20.0
Perylene	15.015	100.7	ng	1398350	6	15.121	277750	20.0
Benzo[b]triphen...	16.574	26.4	ng	366174	6	15.121	277750	20.0