LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 278

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	499	503	509	rBV	55111	68802	2.94%	0.215%
2	5.451	563	572	575	rBV	2237981	2316349	98.90%	7.239%
3	6.463	739	744	747	rBV	2345030	2258671	96.44%	7.059%
4	6.663	775	778	781	rBV2	45209	58735	2.51%	0.184%
5	6.834	804	807	814	rVB	1032093	855279	36.52%	2.673%
6	7.234	869	875	878	rBV3	44847	62401	2.66%	0.195%
7	7.398	899	903	906	rBV	1743360	1513261	64.61%	4.729%
8	7.428	906	908	912	rVB	45214	44095	1.88%	0.138%
9	8.116	1022	1025	1028	rVV	1161443	1072411	45.79%	3.352%
10	8.139	1028	1029	1032	rVV	235937	125853	5.37%	0.393%
11	8.175	1032	1035	1038	rVB	54496	53016	2.26%	0.166%
12	8.410	1068	1075	1079	rBV6	31122	52199	2.23%	0.163%
13	8.539	1093	1097	1102	rBV	110505	104580	4.47%	0.327%
14	8.710	1123	1126	1128	rBV	64799	49879	2.13%	0.156%
15	8.828	1144	1146	1149	rVB	131992	112788	4.82%	0.352%
16	8.928	1161	1163	1167	rBV	95057	78231	3.34%	0.244%
17	9.139	1196	1199	1204	rVB	61076	44339	1.89%	0.139%
18	9.192	1204	1208	1212	rBV	2616573	2342017	100.00%	7.319%
19	9.275	1217	1222	1224	rBV	88899	87150	3.72%	0.272%
20	9.463	1250	1254	1257	rVB3	43585	58471	2.50%	0.183%
21	9.527	1263	1265	1268	rBV	75049	75407	3.22%	0.236%
22	9.557	1268	1270	1272	rVV	61712	47986	2.05%	0.150%
23	9.592	1272	1276	1279	rVV3	75687	90441	3.86%	0.283%
24	9.651	1283	1286	1290	rVB2	39985	44398	1.90%	0.139%
25	9.733	1295	1300	1304	rBV	102098	93353	3.99%	0.292%
26	9.804	1310	1312	1315	rVB	80508	52899	2.26%	0.165%
27	9.875	1317	1324	1327	rVV	1196666	981487	41.91%	3.067%
28	9.904	1327	1329	1333	rVB	238980	192503	8.22%	0.602%
29	10.027	1345	1350	1353	rBV4	26290	46526	1.99%	0.145%
30	10.075	1355	1358	1362	rVV	133210	134255	5.73%	0.420%
31	10.116	1362	1365	1371	rVV4	39834	53348	2.28%	0.167%
32	10.192	1375	1378	1380	rBV	46846	44123	1.88%	0.138%
33	10.280	1390	1393	1395	rBV	51540	47447	2.03%	0.148%
34	10.304	1395	1397	1400	rVB	86729	63436	2.71%	0.198%
35	10.422	1413	1417	1420	rBV2	131576	131424	5.61%	0.411%
36	10.527	1433	1435	1439	rVV3	46897	61512	2.63%	0.192%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.586	1441	1445	1448	rVV2	134343	149472	6.38%	0.467%
38	10.663	1452	1458	1461	rVV	1509837	1317713	56.26%	4.118%
39	10.710	1462	1466	1469	rVB3	30926	45730	1.95%	0.143%
40	10.786	1475	1479	1486	rBV3	114413	180146	7.69%	0.563%
41	11.098	1528	1532	1534	rBV3	39634	46943	2.00%	0.147%
42	11.122	1534	1536	1541	rVV3	39818	48682	2.08%	0.152%
43	11.163	1541	1543	1548	rVV3	82985	90791	3.88%	0.284%
44	11.227	1548	1554	1557	rVV3	82273	118439	5.06%	0.370%
45	11.257	1557	1559	1565	rVB	97781	92843	3.96%	0.290%
46	11.363	1573	1577	1579	rBV	1008959	841753	35.94%	2.631%
47	11.386	1579	1581	1584	rVV	1166675	873935	37.32%	2.731%
48	11.439	1584	1590	1593	rVB	234692	220591	9.42%	0.689%
49	11.539	1601	1607	1611	rVB3	38520	45721	1.95%	0.143%
50	11.592	1611	1616	1618	rBV	117026	105978	4.53%	0.331%
51	11.657	1624	1627	1629	rVB2	72157	50669	2.16%	0.158%
52	11.863	1659	1662	1664	rBV	116923	95962	4.10%	0.300%
53	11.892	1664	1667	1671	rVV	375021	331286	14.15%	1.035%
54	11.939	1671	1675	1678	rVV2	58508	68175	2.91%	0.213%
55	11.974	1678	1681	1684	rVV2	233108	247403	10.56%	0.773%
56	11.998	1684	1685	1689	rVB	102452	66667	2.85%	0.208%
57	12.068	1689	1697	1699	rBV3	73970	118060	5.04%	0.369%
58	12.163	1710	1713	1715	rBV	124962	110078	4.70%	0.344%
59	12.186	1715	1717	1721	rVB	79377	75904	3.24%	0.237%
60	12.310	1732	1738	1741	rBV	60205	74272	3.17%	0.232%
61	12.339	1741	1743	1745	rVV	59234	51830	2.21%	0.162%
62	12.416	1753	1756	1759	rVV	145092	134987	5.76%	0.422%
63	12.451	1759	1762	1764	rVV2	94945	102784	4.39%	0.321%
64	12.498	1768	1770	1776	rVB	100348	103103	4.40%	0.322%
65	12.580	1780	1784	1787	rBV	1762362	1460895	62.38%	4.566%
66	12.810	1817	1823	1826	rVV	1448586	1501340	64.10%	4.692%
67	12.857	1828	1831	1837	rVB2	80079	109279	4.67%	0.342%
68	12.927	1839	1843	1844	rBV2	78399	79553	3.40%	0.249%
69	12.951	1844	1847	1854	rVB	1849442	1695326	72.39%	5.298%
70	13.027	1854	1860	1863	rBV2	113665	195380	8.34%	0.611%
71	13.115	1871	1875	1876	rVV3	65103	91724	3.92%	0.287%
72	13.133	1876	1878	1882	rVB	183537	163835	7.00%	0.512%
73	13.204	1888	1890	1892	rVV	111806	85469	3.65%	0.267%
74	13.239	1892	1896	1899	rVV2	135761	148024	6.32%	0.463%
75	13.333	1909	1912	1914	rVB	64015	48451	2.07%	0.151%
76	13.363	1914	1917	1921	rBV2	67404	69579	2.97%	0.217%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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Acq On : 07 Jun 2023 17:24
Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.527	1943	1945	1949	rBV4	35479	46636	1.99%	0.146%
78	13.645	1962	1965	1969	rVB	130006	139460	5.95%	0.436%
79	13.757	1980	1984	1987	rBV3	132913	152271	6.50%	0.476%
80	13.786	1987	1989	1991	rVV	96143	72265	3.09%	0.226%
81	13.810	1991	1993	1997	rVV2	88218	108584	4.64%	0.339%
82	13.851	1997	2000	2003	rVB3	124504	116147	4.96%	0.363%
83	13.886	2003	2006	2010	rBV6	41902	75514	3.22%	0.236%
84	14.004	2019	2026	2029	rBV2	1089843	1604083	68.49%	5.013%
85	14.033	2029	2031	2038	rVB	709586	660072	28.18%	2.063%
86	14.115	2042	2045	2047	rVB	130125	107346	4.58%	0.335%
87	14.233	2061	2065	2068	rVB2	60212	85689	3.66%	0.268%
88	14.398	2090	2093	2096	rVB	115478	106462	4.55%	0.333%
89	14.427	2096	2098	2102	rVB	63762	57359	2.45%	0.179%
90	14.486	2105	2108	2111	rVB2	76025	74386	3.18%	0.232%
91	14.521	2111	2114	2116	rBV2	74783	83279	3.56%	0.260%
92	14.645	2132	2135	2140	rBV	88537	121283	5.18%	0.379%
93	15.051	2199	2204	2207	rBV	552669	871320	37.20%	2.723%
94	15.157	2219	2222	2225	rVB	105859	107150	4.58%	0.335%
95	15.351	2251	2255	2261	rVB	308218	412271	17.60%	1.288%
96	15.409	2261	2265	2272	rVV	438864	560947	23.95%	1.753%
97	15.474	2272	2276	2279	rVV	409745	518720	22.15%	1.621%
98	15.504	2279	2281	2289	rVB	170010	201119	8.59%	0.629%
99	16.933	2519	2524	2533	rVB2	197865	419693	17.92%	1.312%
100	17.374	2594	2599	2610	rVB	156642	317396	13.55%	0.992%

Sum of corrected areas: 31997296

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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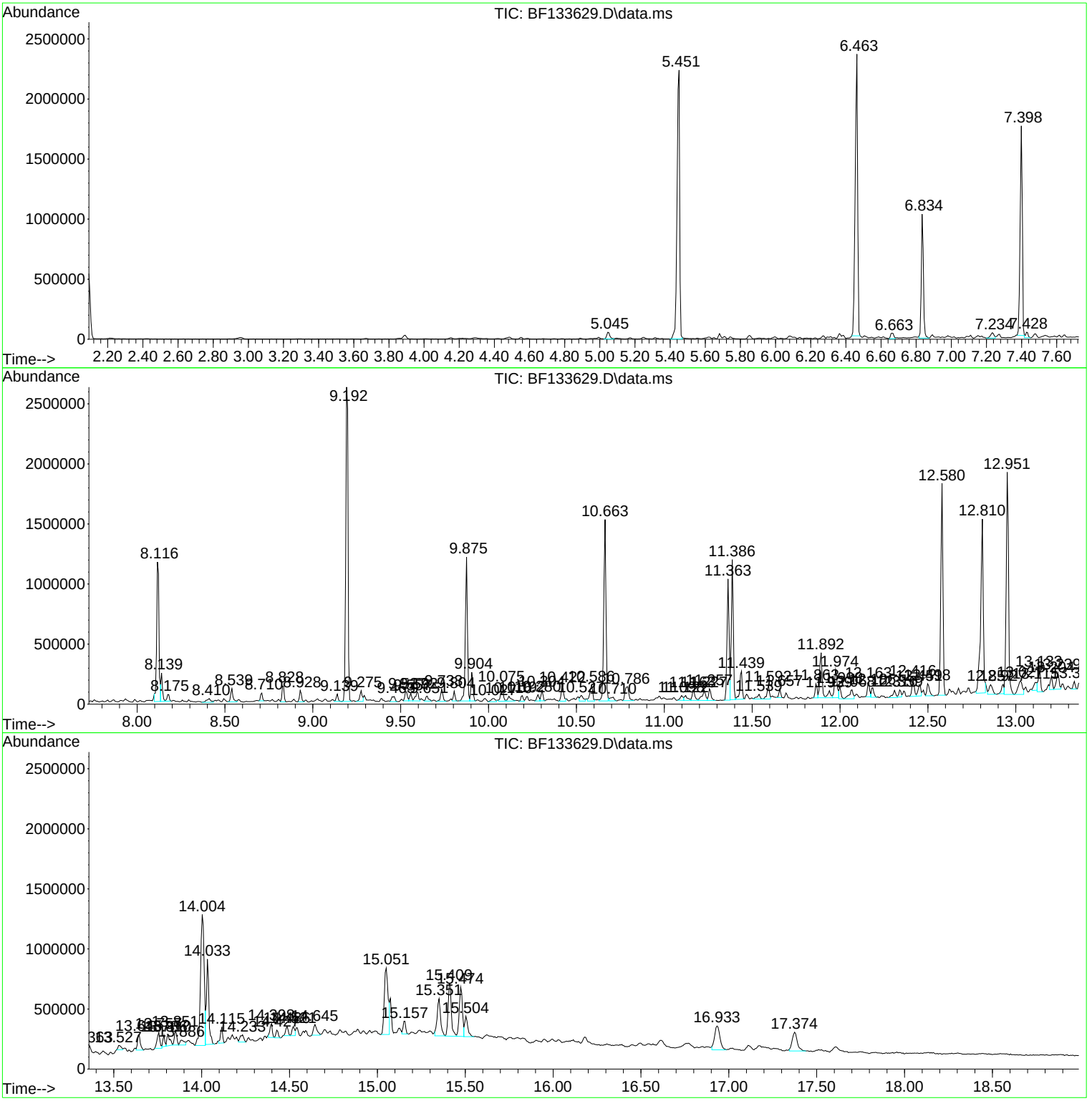
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
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Sample : 03018-11
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Instrument :
BNA_F
ClientSampleId :
278

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

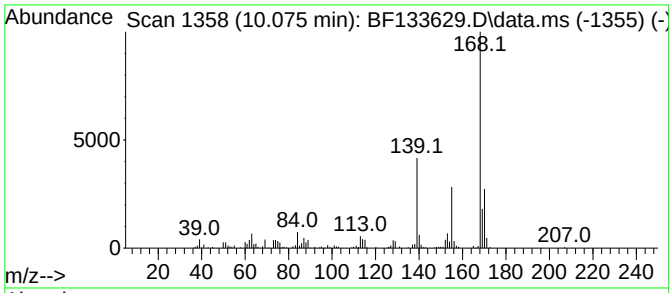
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

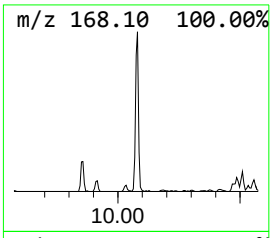
****

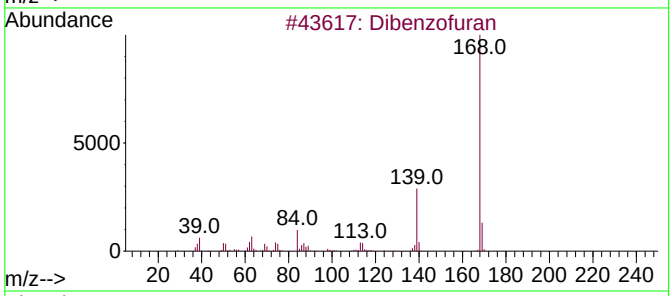
Peak Number 1 unknown10.075 Concentration Rank 10

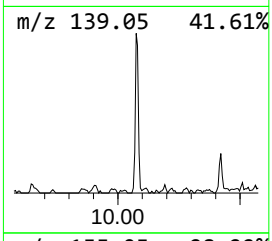
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	2.74 ng	134255	Acenaphthene-d10	9.875

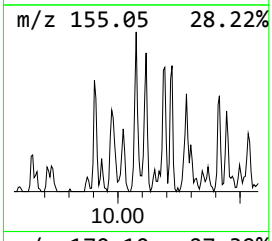
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	70
2	[2-Amino-1-(2-chlorophenyl)ethyl...	240	C12H17ClN2O	1216920-20-5	47
3	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	47
4	Zoxazolamine	168	C7H5ClN2O	000061-80-3	47
5	Quinoline-4-carbonitrile, 2-methyl-	168	C11H8N2	1000317-19-2	43

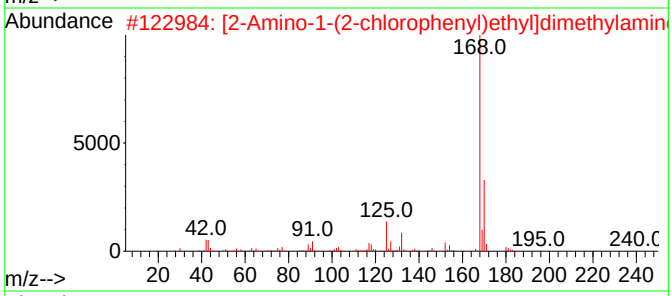


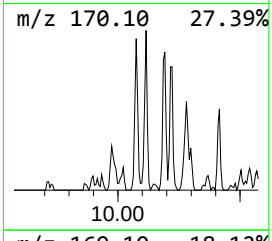


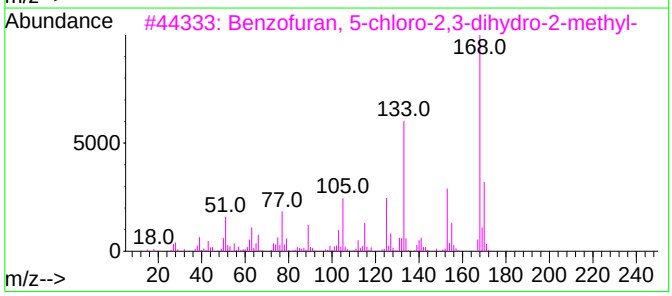


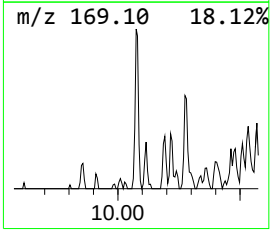












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Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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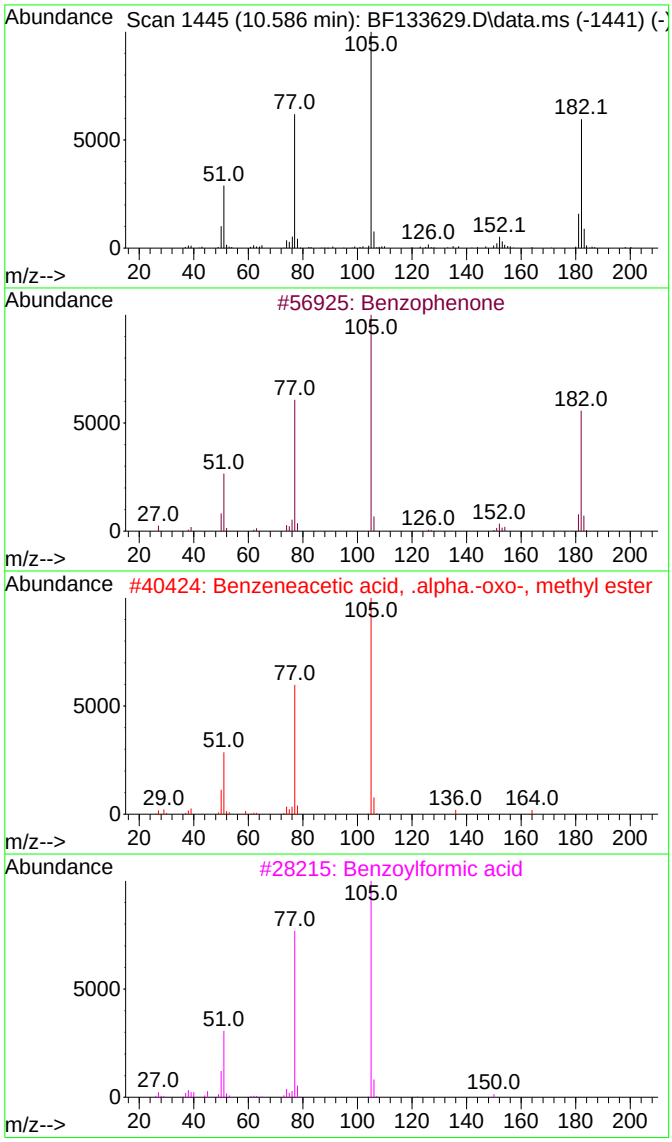
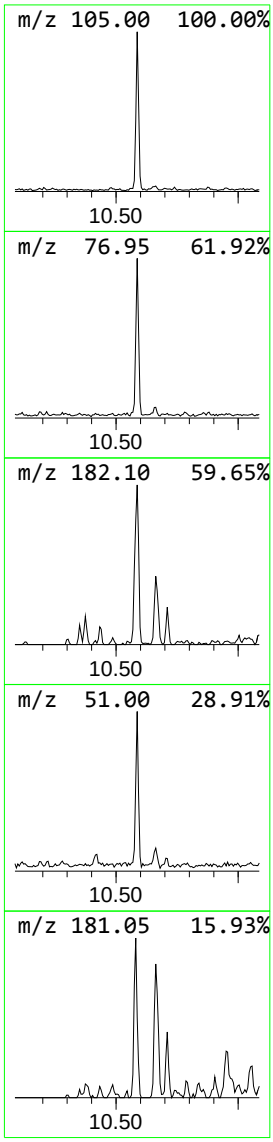
Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	3.05 ng	149472	Acenaphthene-d10	9.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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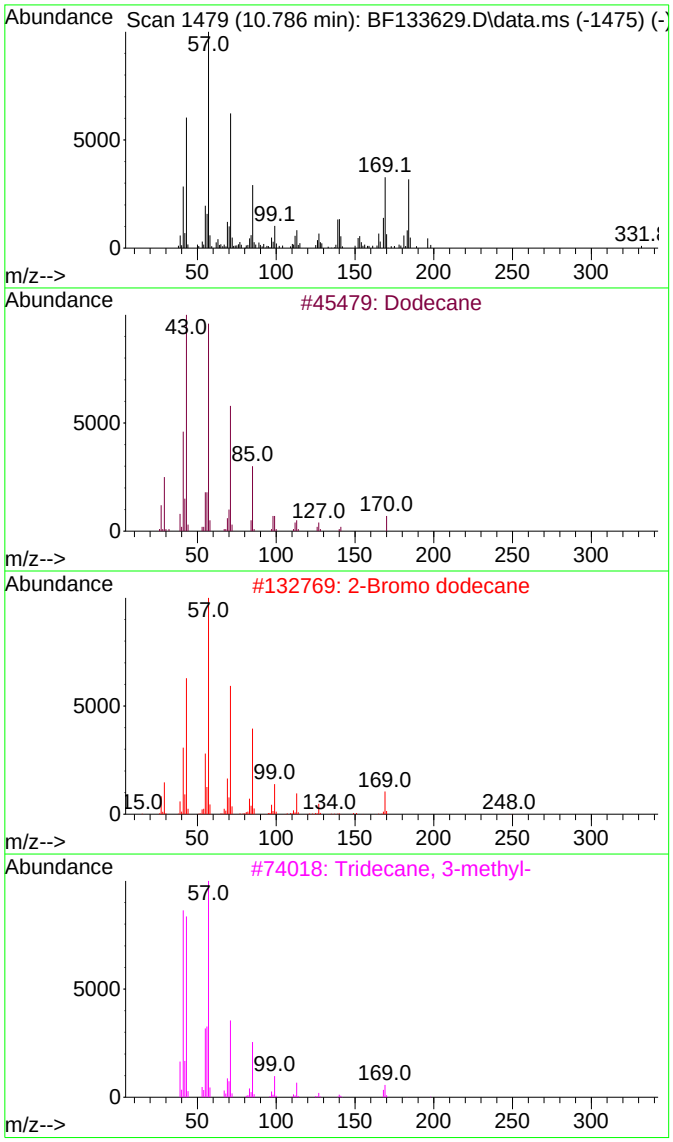
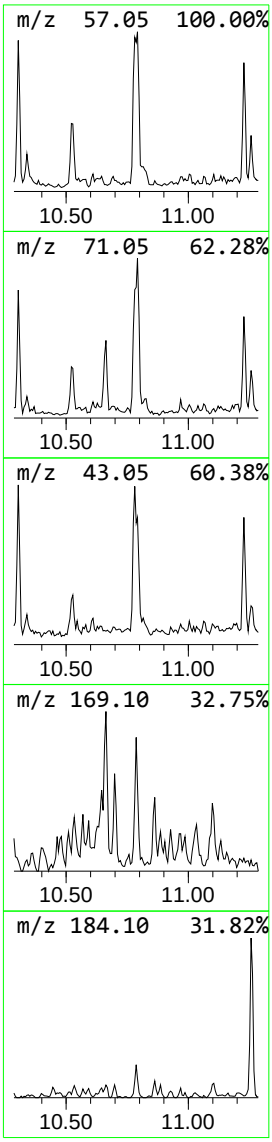
Peak Number 3 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	4.28 ng	180146	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	43
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	43
5	Heneicosane	296	C21H44	000629-94-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

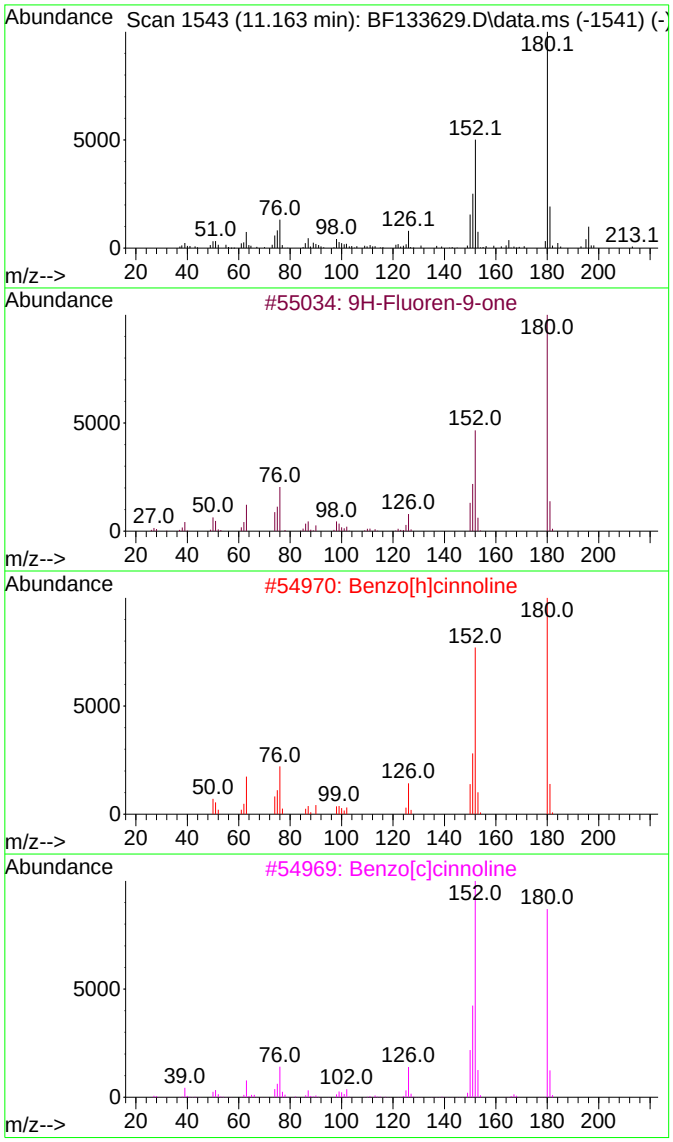
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

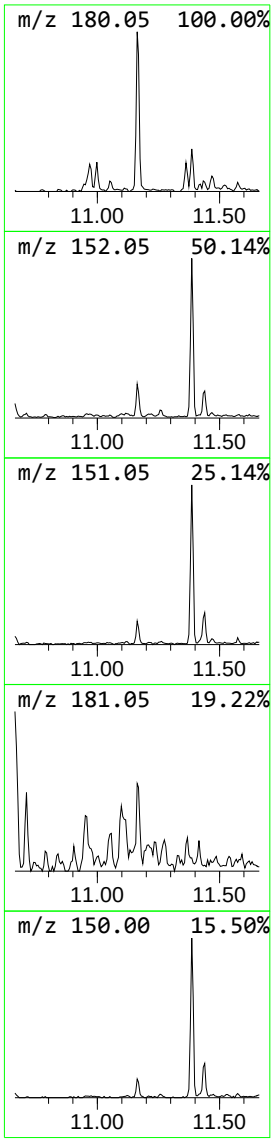
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	2.16 ng	90791	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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Sample : 03018-11
Misc :
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Instrument :
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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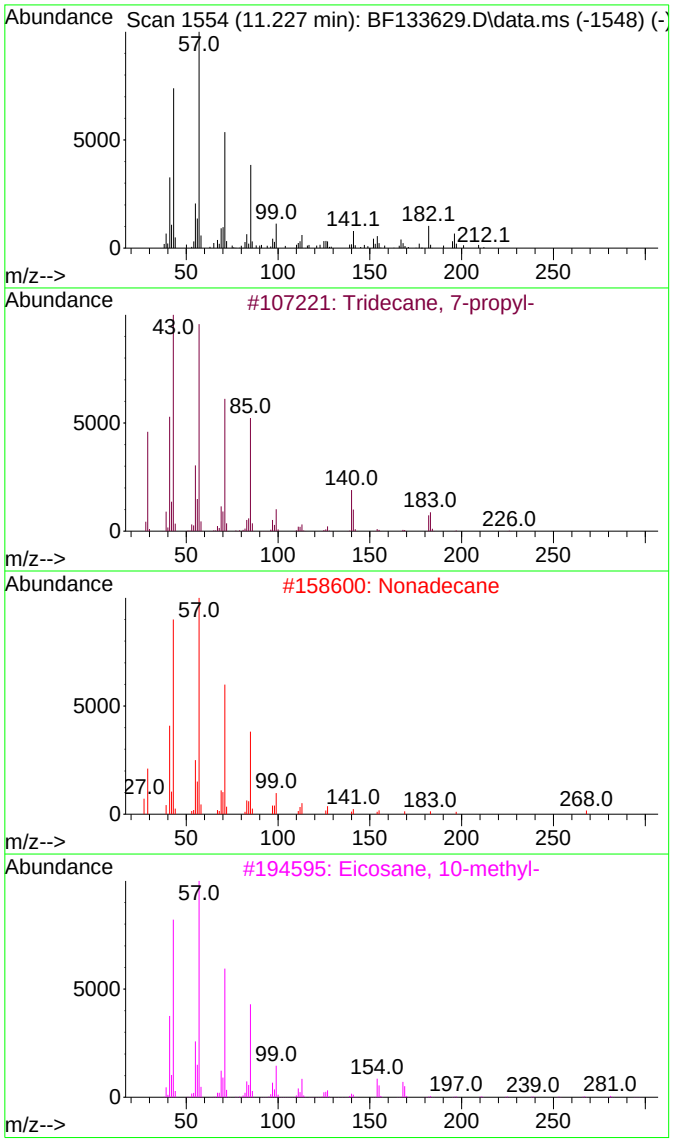
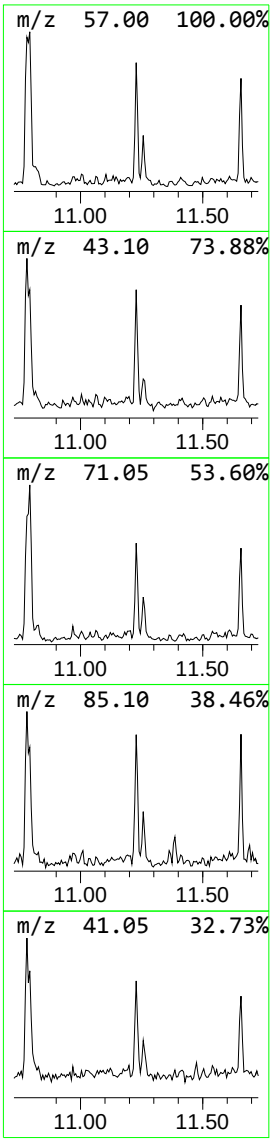
Peak Number 5 Tridecane, 7-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	2.81 ng	118439	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
2	Nonadecane	268	C19H40	000629-92-5	76
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Hexadecane	226	C16H34	000544-76-3	64





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

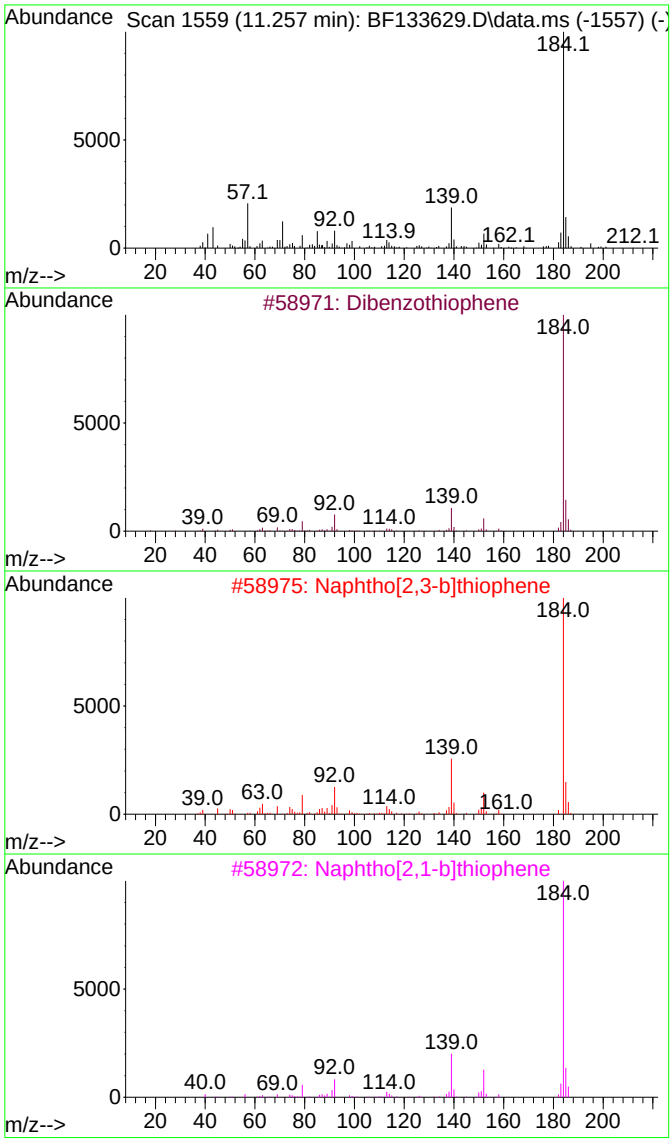
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

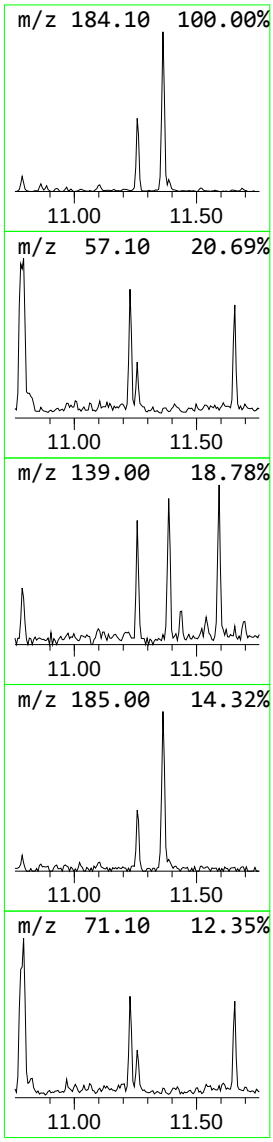
****

Peak Number 6 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	2.21 ng	92843	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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

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

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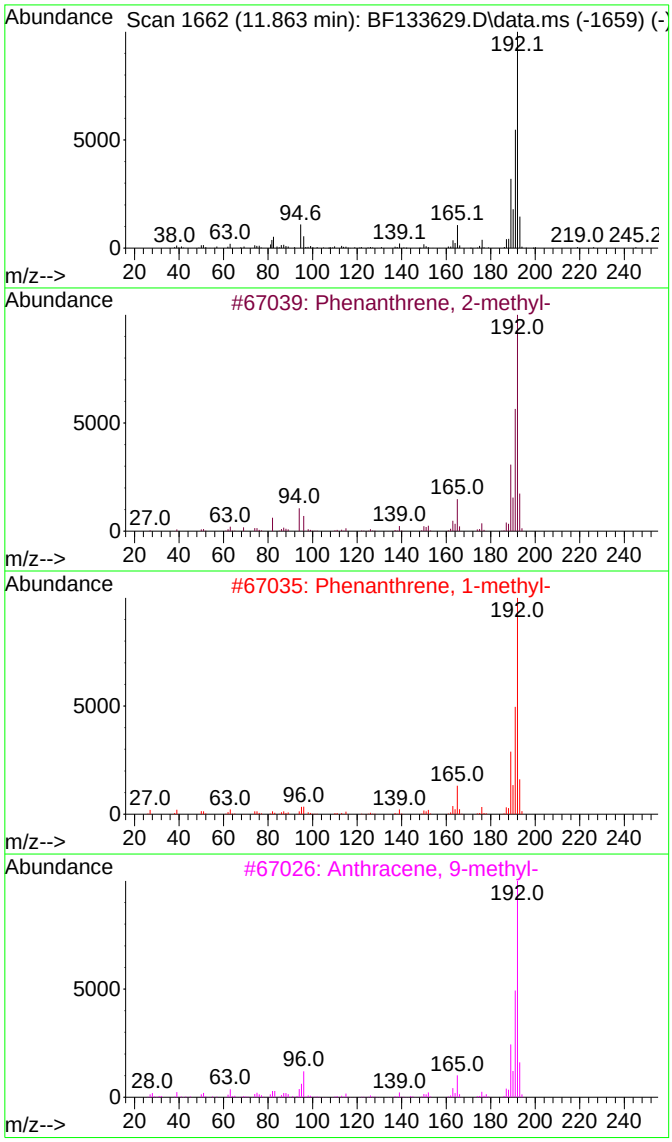
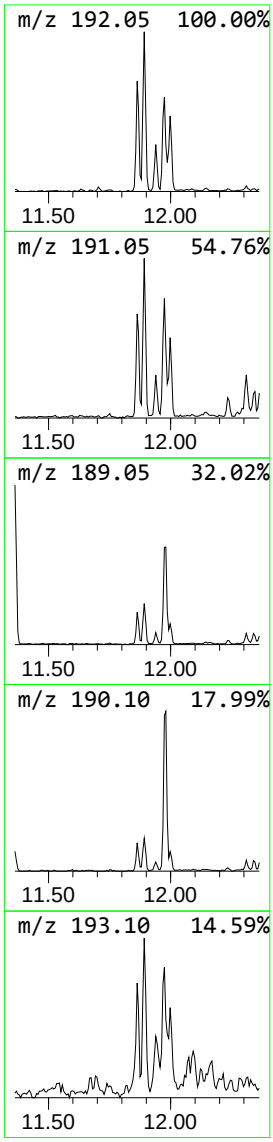
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.28 ng	95962	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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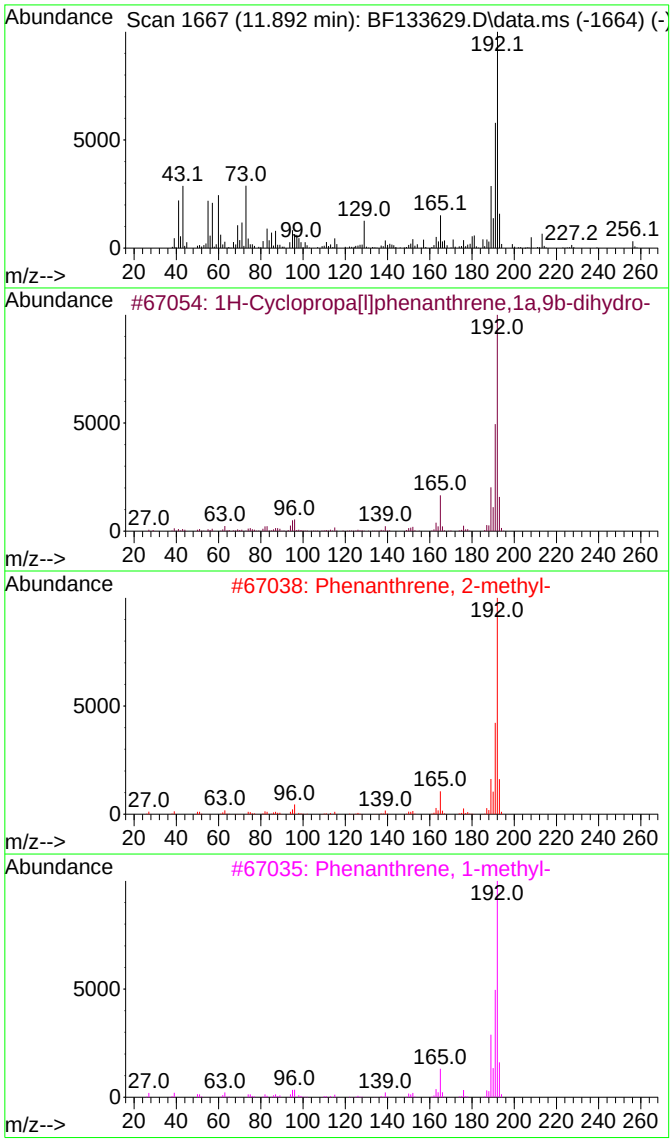
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

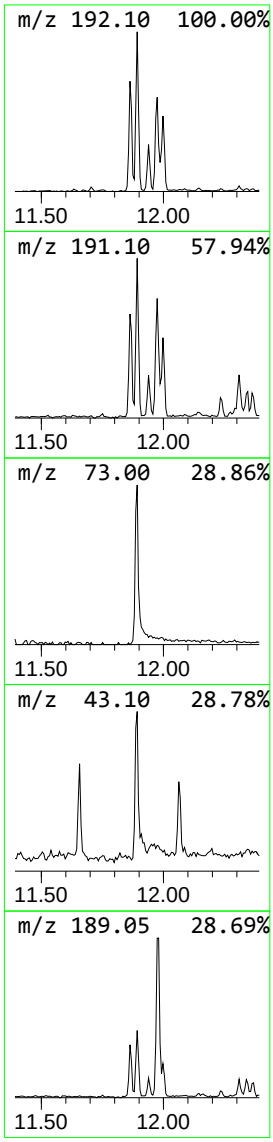
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	7.87 ng	331286	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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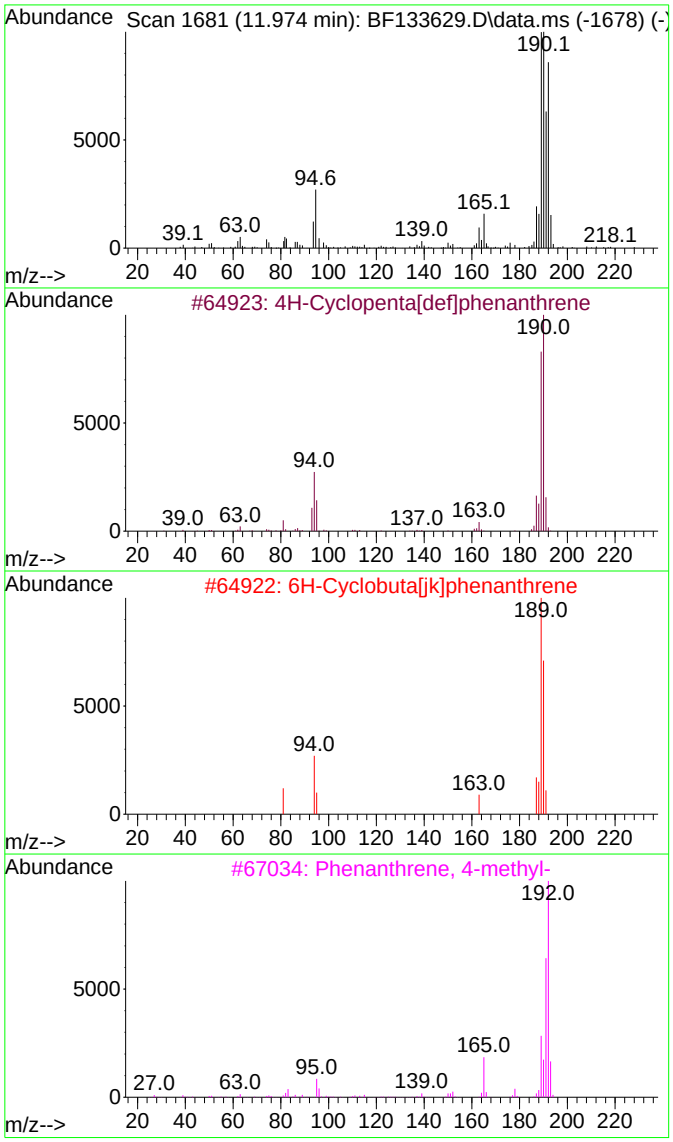
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

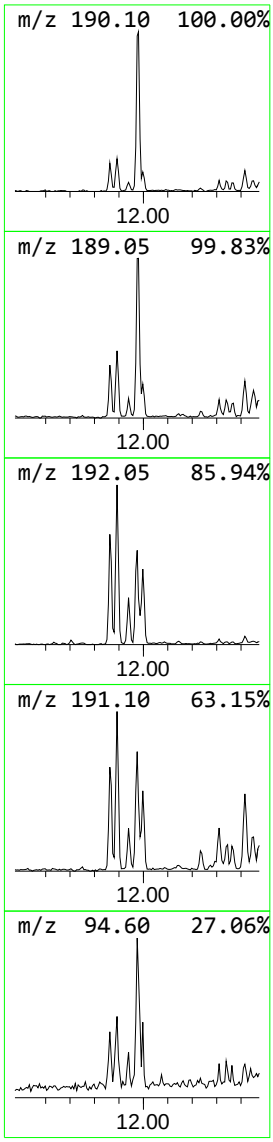
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	5.88 ng	247403	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	41





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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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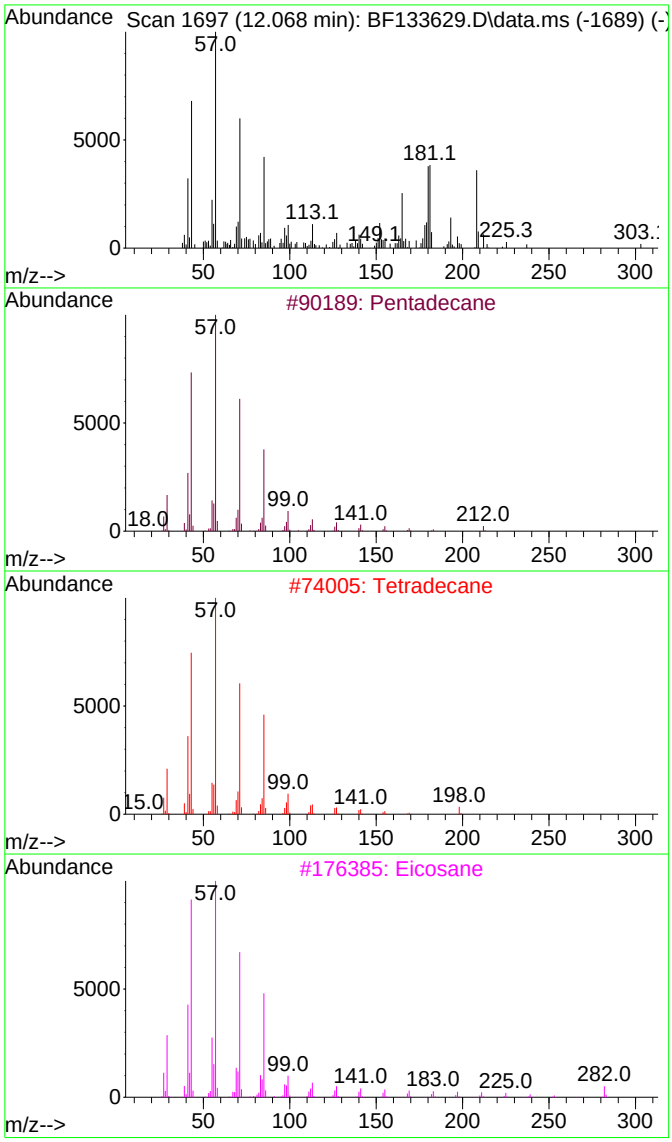
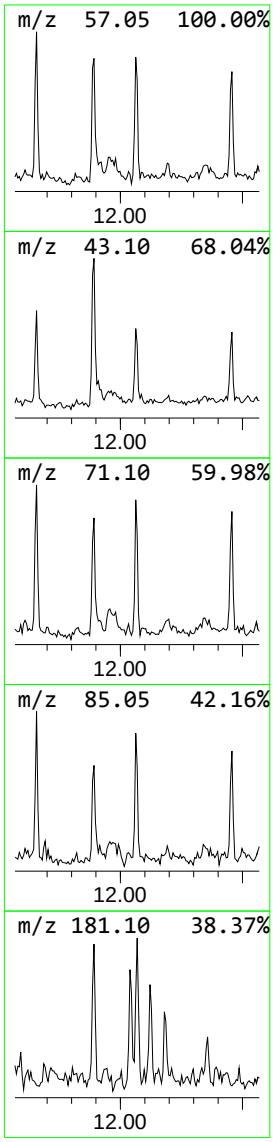
Peak Number 10 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	2.81 ng	118060	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	Tetradecane	198	C14H30	000629-59-4	38
3	Eicosane	282	C20H42	000112-95-8	30
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	30
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	30





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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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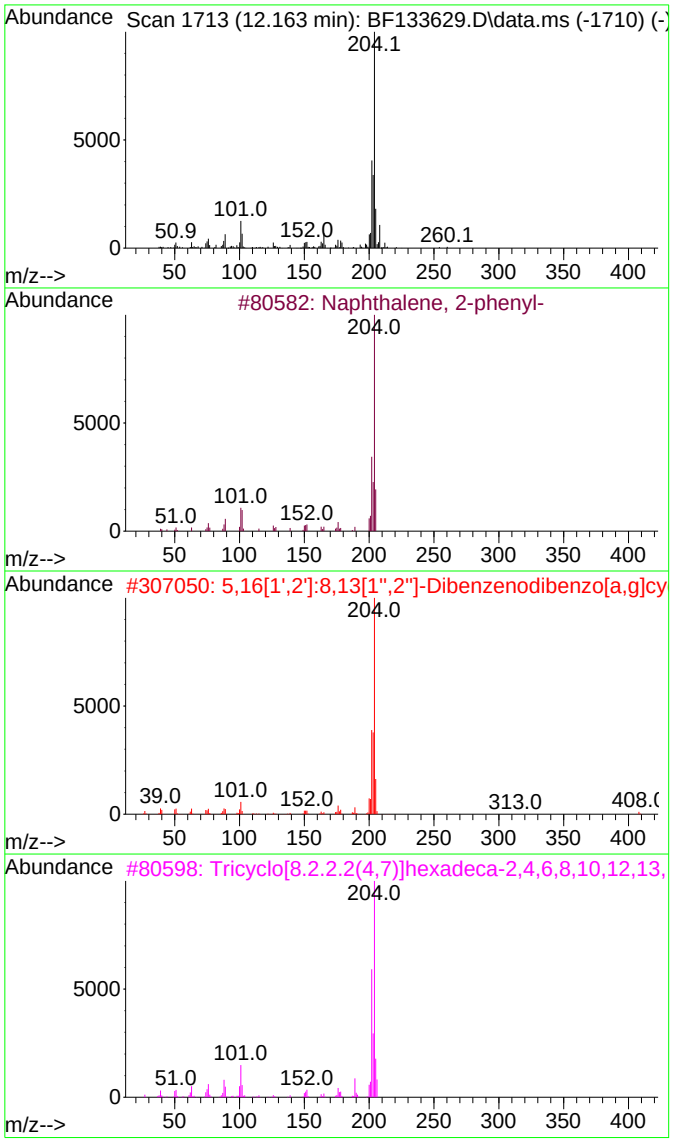
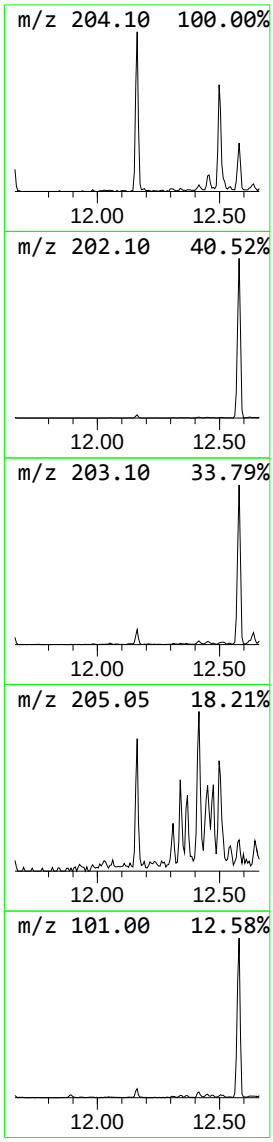
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	2.62 ng	110078	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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ALS Vial : 16 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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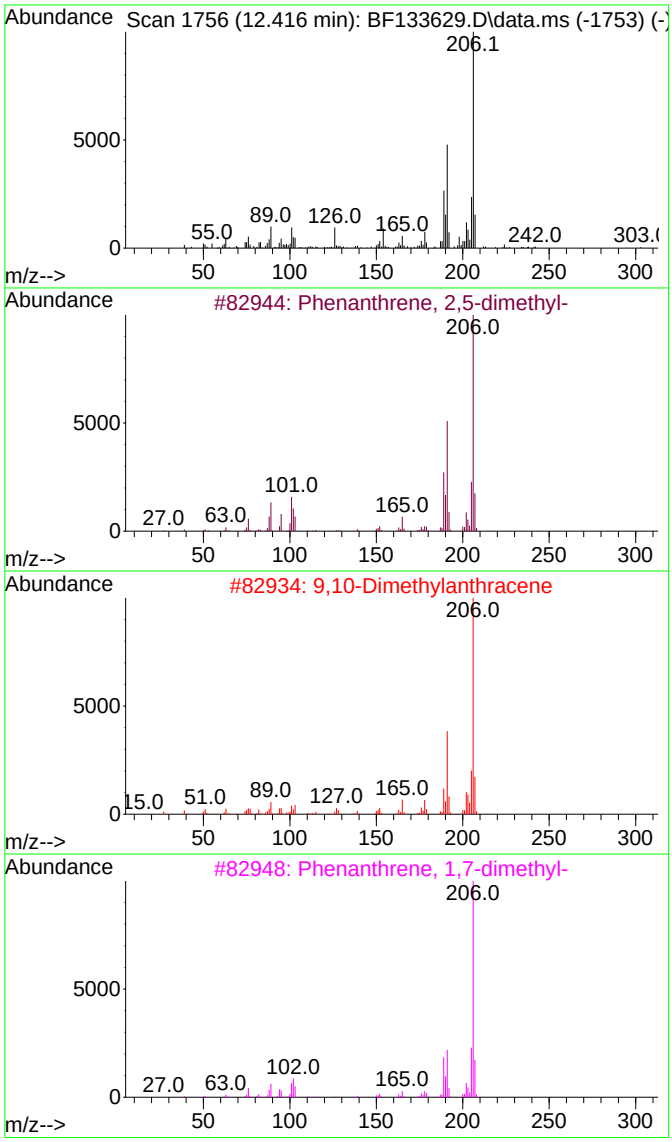
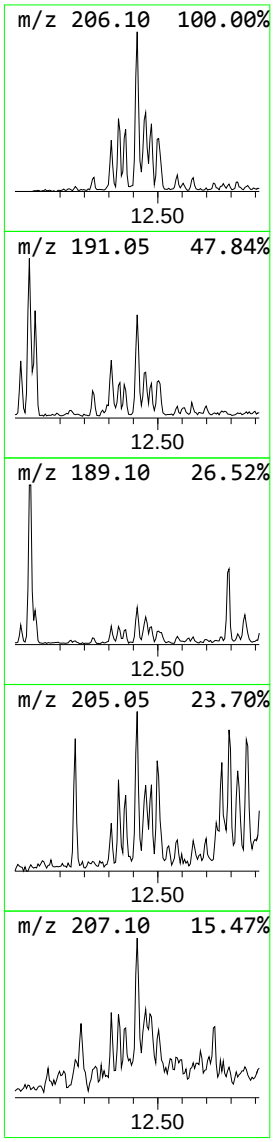
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.21 ng	134987	Phenanthrene-d10	11.363

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	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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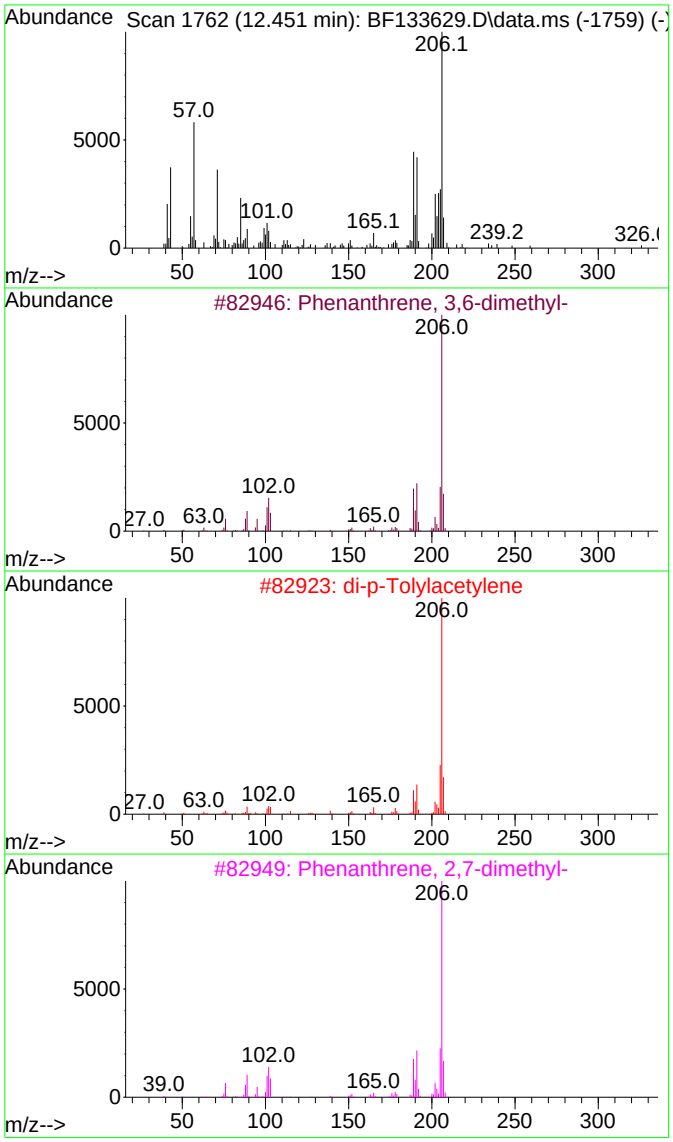
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

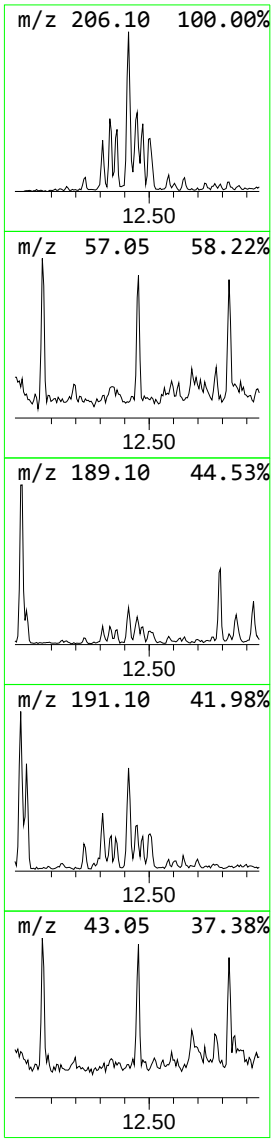
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.44 ng	102784	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	52





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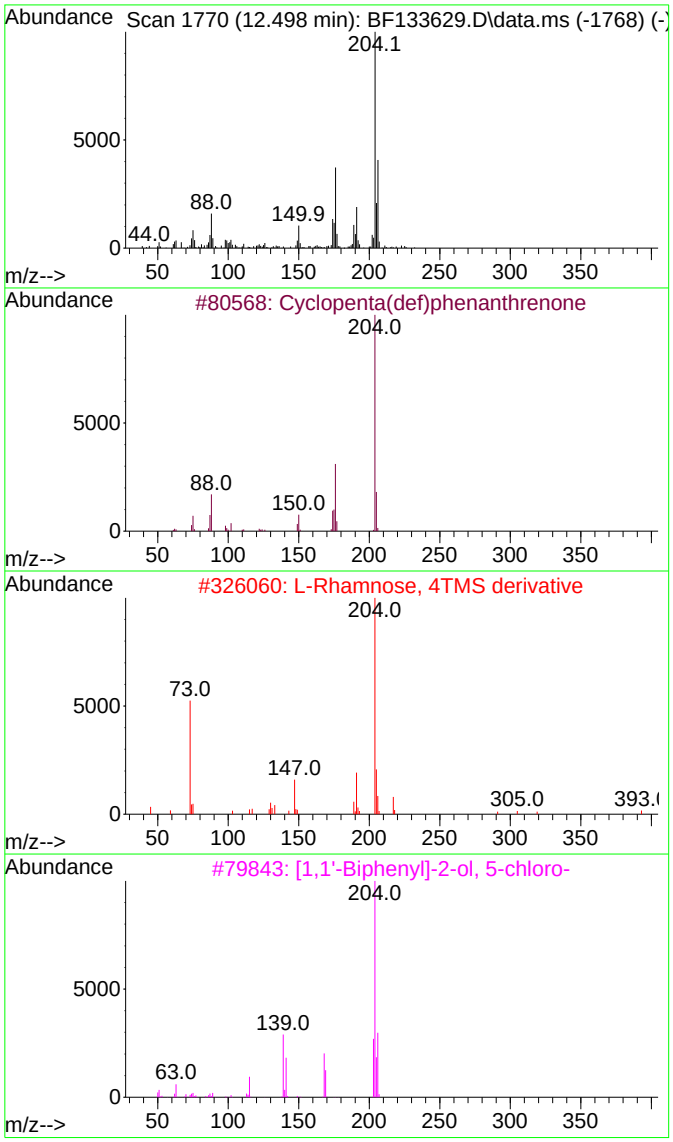
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

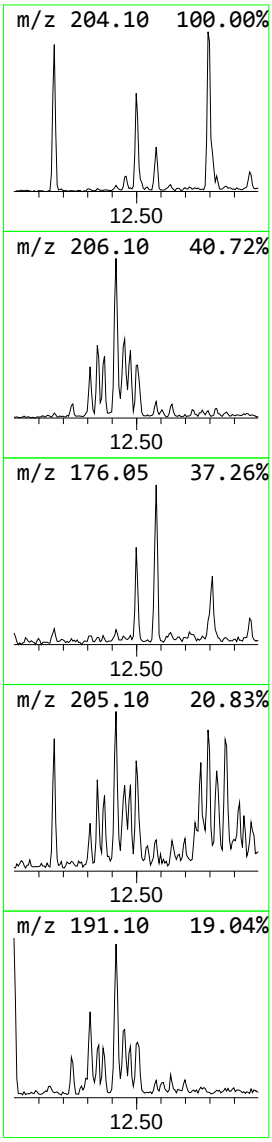
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	2.45 ng	103103	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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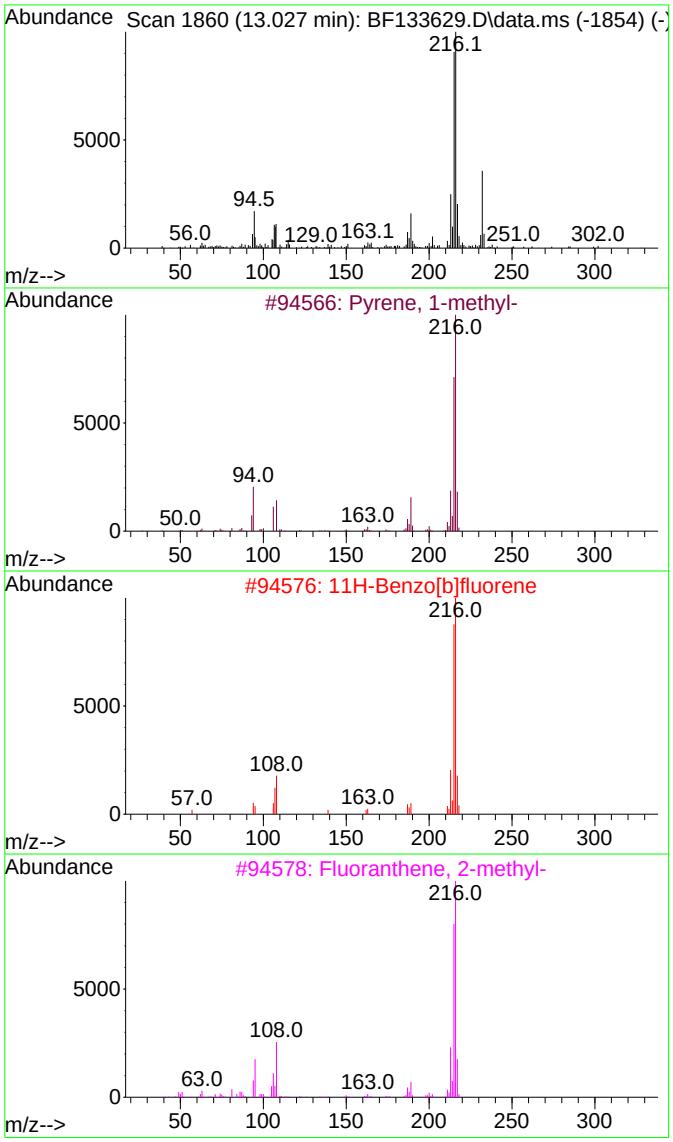
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

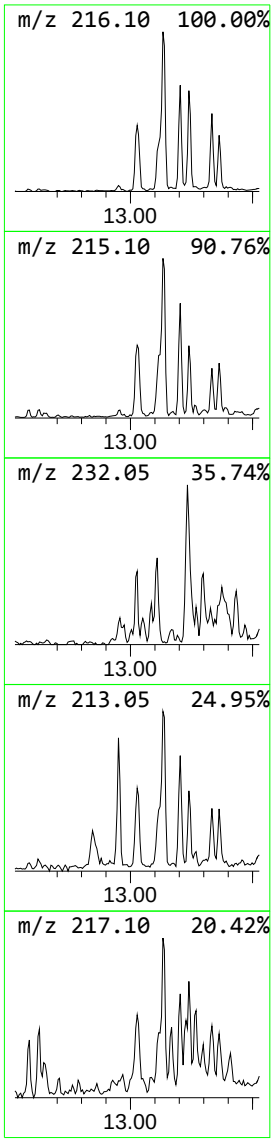
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.44 ng	195380	Chrysene-d12	14.009

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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

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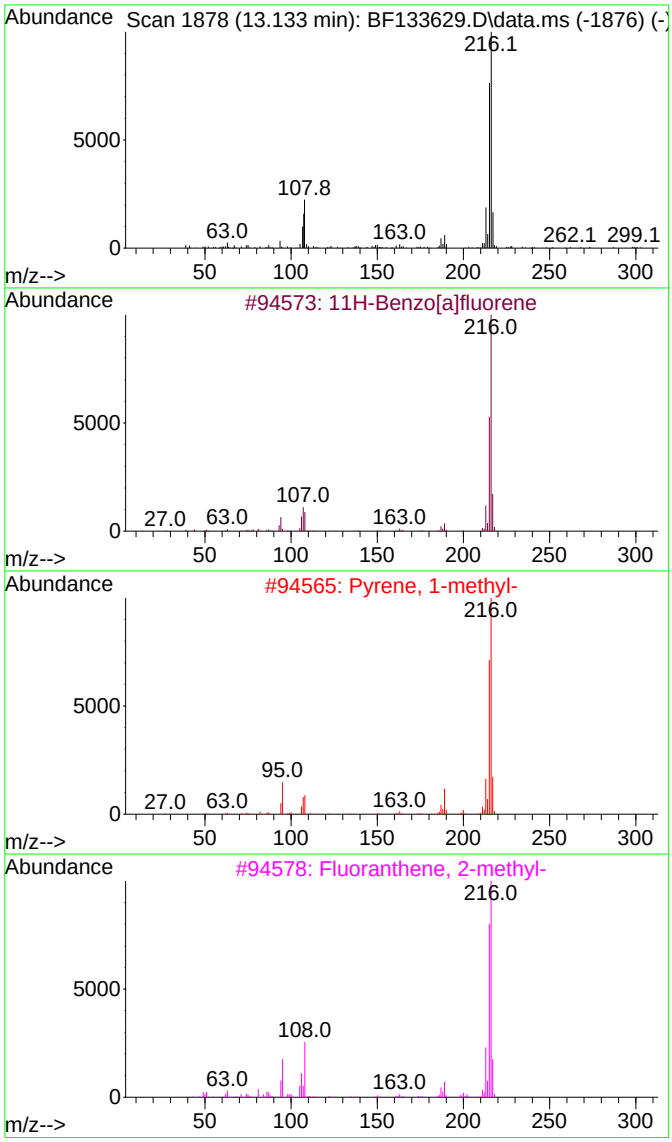
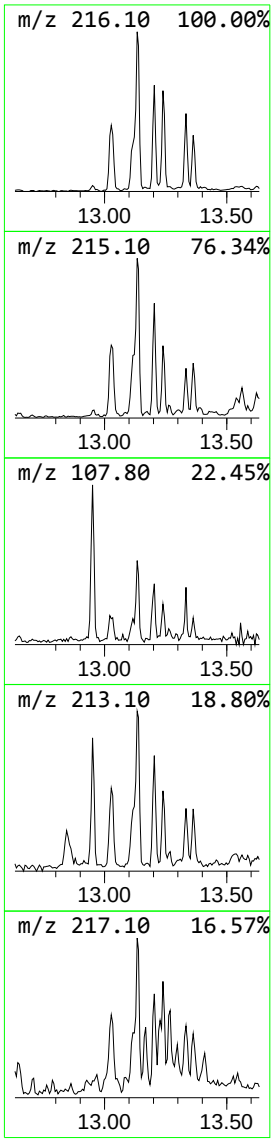
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.04 ng	163835	Chrysene-d12	14.009

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	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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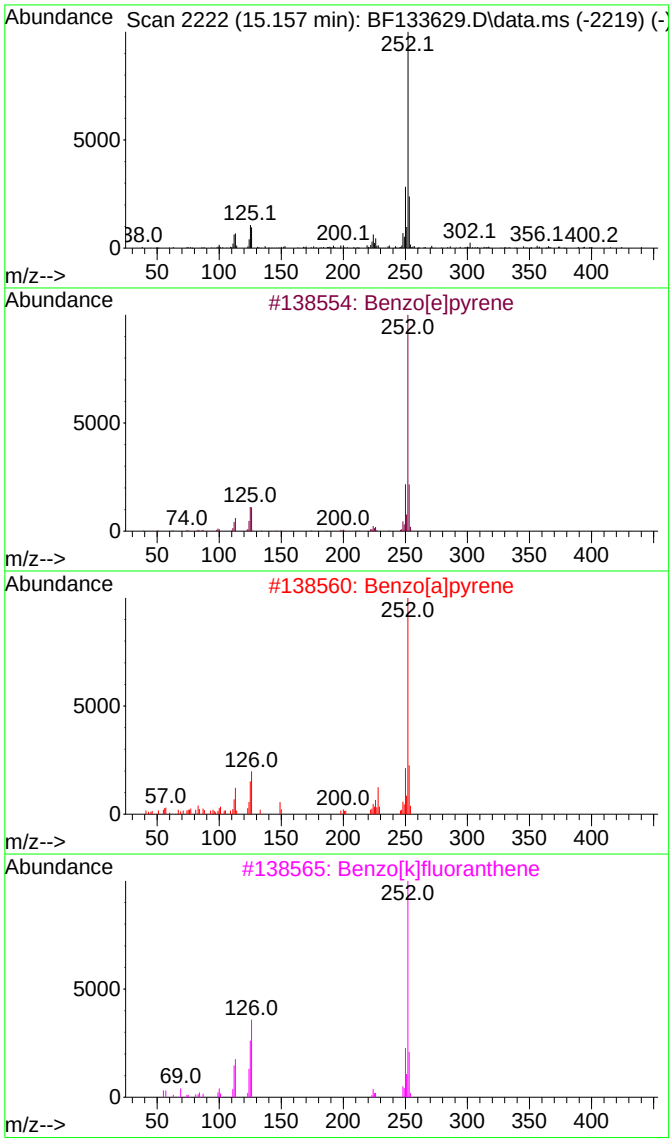
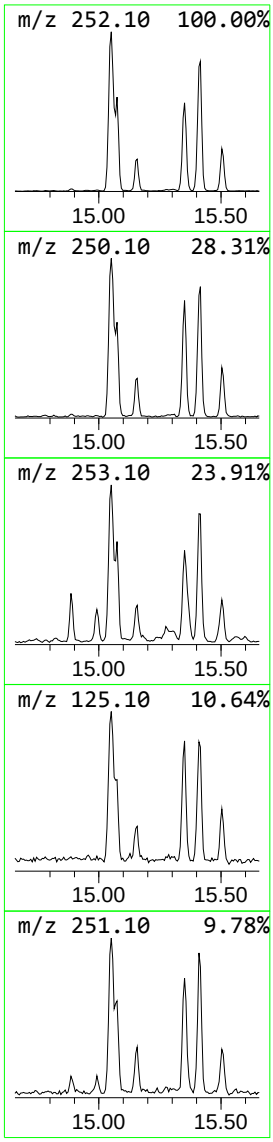
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	4.13 ng	107150	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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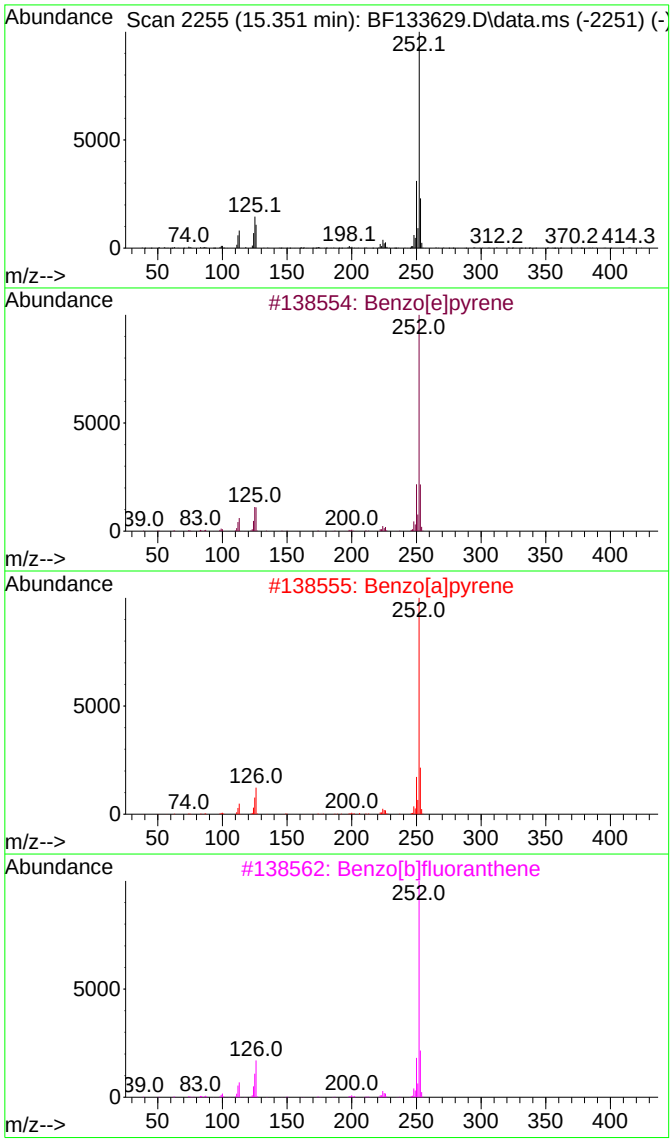
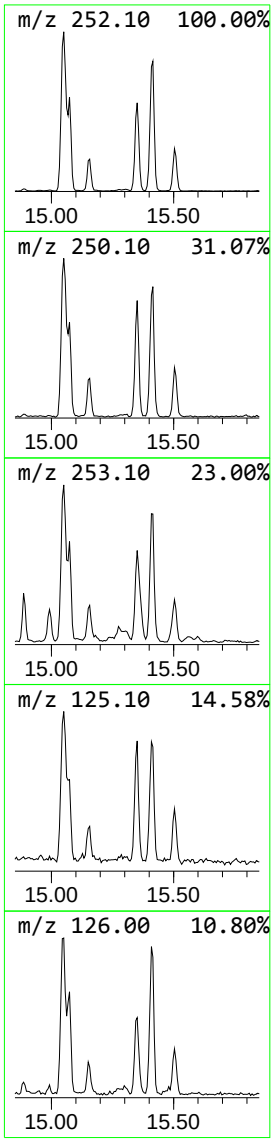
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	15.90 ng	412271	Perylene-d12	15.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133629.D
Acq On : 07 Jun 2023 17:24
Operator : CG\JU
Sample : 03018-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
278

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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
unknown10.075	10.075	2.7	ng	134255	3	9.875	981487	20.0
Benzophenone	10.586	3.0	ng	149472	3	9.875	981487	20.0
Dodecane	10.786	4.3	ng	180146	4	11.363	841753	20.0
9H-Fluoren-9-one	11.163	2.2	ng	90791	4	11.363	841753	20.0
Tridecane, 7-pr...	11.227	2.8	ng	118439	4	11.363	841753	20.0
Dibenzothiophene	11.257	2.2	ng	92843	4	11.363	841753	20.0
Phenanthrene, 2...	11.863	2.3	ng	95962	4	11.363	841753	20.0
1H-Cyclopropa[l...	11.892	7.9	ng	331286	4	11.363	841753	20.0
4H-Cyclopenta[d...	11.974	5.9	ng	247403	4	11.363	841753	20.0
Pentadecane	12.069	2.8	ng	118060	4	11.363	841753	20.0
Naphthalene, 2-...	12.163	2.6	ng	110078	4	11.363	841753	20.0
Phenanthrene, 2...	12.416	3.2	ng	134987	4	11.363	841753	20.0
Phenanthrene, 3...	12.451	2.4	ng	102784	4	11.363	841753	20.0
Cyclopenta(def)...	12.498	2.5	ng	103103	4	11.363	841753	20.0
Pyrene, 1-methyl-	13.027	2.4	ng	195380	5	14.009	1604080	20.0
11H-Benzo[a]flu...	13.133	2.0	ng	163835	5	14.009	1604080	20.0
Benzo[e]pyrene	15.156	4.1	ng	107150	6	15.474	518720	20.0
Benzo[j]fluoran...	15.351	15.9	ng	412271	6	15.474	518720	20.0