LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	20	rVB	737452	1145383	17.42%	1.566%
2	5.087	496	509	526	rBV	155068	250009	3.80%	0.342%
3	5.481	570	576	598	rBV	1972981	2778557	42.26%	3.799%
4	6.492	739	748	767	rBV	2085890	2942384	44.76%	4.023%
5	6.869	807	812	820	rBV	761411	948599	14.43%	1.297%
6	7.428	901	907	918	rBV	1455276	2011536	30.60%	2.750%
7	8.151	1024	1030	1047	rVB	988948	1360152	20.69%	1.860%
8	8.863	1146	1151	1156	rBV	53311	71015	1.08%	0.097%
9	8.963	1163	1168	1172	rBV	91751	114404	1.74%	0.156%
10	9.227	1206	1213	1218	rBV	3041900	3861288	58.73%	5.279%
11	9.327	1223	1230	1235	rVV2	43016	73948	1.12%	0.101%
12	9.422	1240	1246	1252	rVB	43898	76625	1.17%	0.105%
13	9.492	1252	1258	1263	rBV	105962	179812	2.74%	0.246%
14	9.563	1263	1270	1273	rVV	190817	289230	4.40%	0.395%
15	9.592	1273	1275	1283	rVV	99420	117293	1.78%	0.160%
16	9.680	1283	1290	1298	rVV2	97761	193383	2.94%	0.264%
17	9.763	1298	1304	1308	rVB2	54148	78505	1.19%	0.107%
18	9.904	1319	1328	1331	rBV	1125361	1531499	23.29%	2.094%
19	9.939	1331	1334	1338	rVV	697616	833896	12.68%	1.140%
20	10.010	1342	1346	1350	rBV2	57310	83192	1.27%	0.114%
21	10.063	1350	1355	1358	rBV2	83865	119838	1.82%	0.164%
22	10.110	1358	1363	1367	rBV2	360419	454798	6.92%	0.622%
23	10.145	1367	1369	1377	rVB	92107	111731	1.70%	0.153%
24	10.222	1377	1382	1385	rBV	123686	199928	3.04%	0.273%
25	10.251	1385	1387	1392	rVB	84494	94613	1.44%	0.129%
26	10.310	1392	1397	1405	rVB3	100890	242287	3.69%	0.331%
27	10.416	1407	1415	1417	rBV2	49079	106670	1.62%	0.146%
28	10.451	1417	1421	1426	rVB	674491	897617	13.65%	1.227%
29	10.539	1426	1436	1439	rBV2	178474	449031	6.83%	0.614%
30	10.616	1444	1449	1454	rVB2	415918	635244	9.66%	0.869%
31	10.692	1454	1462	1467	rBV	1809630	2500276	38.03%	3.419%
32	10.816	1477	1483	1490	rVB8	87194	181809	2.77%	0.249%
33	10.886	1490	1495	1499	rBV4	77232	132113	2.01%	0.181%
34	10.998	1507	1514	1518	rBV3	201937	391919	5.96%	0.536%
35	11.080	1526	1528	1532	rVB	73872	84453	1.28%	0.115%
36	11.133	1532	1537	1538	rBV3	118924	182605	2.78%	0.250%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
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Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.245	1552	1556	1560	rBV2	158579	271854	4.14%	0.372%
38	11.292	1560	1564	1570	rVB	301722	419520	6.38%	0.574%
39	11.421	1576	1586	1591	rBV2	3950162	6574405	100.00%	8.989%
40	11.474	1591	1595	1598	rVV	1605113	2094842	31.86%	2.864%
41	11.504	1598	1600	1605	rVV2	146634	197492	3.00%	0.270%
42	11.551	1606	1608	1613	rVV3	49637	72271	1.10%	0.099%
43	11.621	1614	1620	1628	rVV3	217963	471910	7.18%	0.645%
44	11.686	1628	1631	1635	rVV3	127062	186795	2.84%	0.255%
45	11.721	1635	1637	1642	rVB3	50098	75316	1.15%	0.103%
46	11.898	1661	1667	1668	rBV	493575	632542	9.62%	0.865%
47	11.921	1668	1671	1676	rVV2	780401	1096452	16.68%	1.499%
48	11.968	1676	1679	1682	rVV	342687	458084	6.97%	0.626%
49	12.010	1682	1686	1694	rVB	837331	1442038	21.93%	1.972%
50	12.098	1694	1701	1704	rBV6	54574	114594	1.74%	0.157%
51	12.192	1712	1717	1724	rVB	389537	567132	8.63%	0.775%
52	12.339	1738	1742	1745	rBV	105576	139657	2.12%	0.191%
53	12.445	1756	1760	1764	rBV	204826	324060	4.93%	0.443%
54	12.486	1764	1767	1773	rVV3	141351	249254	3.79%	0.341%
55	12.539	1773	1776	1784	rVB2	104204	180667	2.75%	0.247%
56	12.621	1784	1790	1794	rBV	3609969	4898147	74.50%	6.697%
57	12.704	1800	1804	1810	rBV2	393587	489689	7.45%	0.670%
58	12.763	1811	1814	1820	rVB	146279	206424	3.14%	0.282%
59	12.845	1820	1828	1833	rBV2	3071330	5172705	78.68%	7.072%
60	12.886	1833	1835	1841	rVB2	197322	261158	3.97%	0.357%
61	12.980	1843	1851	1858	rVB	2040533	3055359	46.47%	4.177%
62	13.057	1858	1864	1871	rBV3	223487	495804	7.54%	0.678%
63	13.162	1875	1882	1886	rVB	450464	751845	11.44%	1.028%
64	13.233	1886	1894	1897	rBV	426249	652189	9.92%	0.892%
65	13.268	1897	1900	1907	rVB3	295796	465627	7.08%	0.637%
66	13.362	1913	1916	1918	rBV	101517	112858	1.72%	0.154%
67	13.392	1918	1921	1928	rVB2	132846	197741	3.01%	0.270%
68	13.651	1962	1965	1967	rBV3	53202	77481	1.18%	0.106%
69	13.786	1984	1988	1990	rBV	137183	198199	3.01%	0.271%
70	13.810	1990	1992	1995	rVV	123813	150152	2.28%	0.205%
71	13.874	2000	2003	2011	rVB3	245064	402209	6.12%	0.550%
72	14.027	2022	2029	2033	rBV2	1861536	3336994	50.76%	4.563%
73	14.062	2033	2035	2042	rVB	1268073	1441448	21.93%	1.971%
74	14.139	2044	2048	2053	rBV	237762	295376	4.49%	0.404%
75	14.257	2065	2068	2072	rVB3	115594	162510	2.47%	0.222%
76	14.421	2092	2096	2099	rBV	199337	251411	3.82%	0.344%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.451	2099	2101	2105	rVB	105005	120504	1.83%	0.165%
78	14.509	2105	2111	2115	rBV4	233785	471751	7.18%	0.645%
79	14.733	2145	2149	2152	rBV3	71843	127058	1.93%	0.174%
80	14.915	2177	2180	2183	rBV2	63504	83018	1.26%	0.114%
81	15.080	2202	2208	2216	rBV	1039226	2487927	37.84%	3.402%
82	15.151	2217	2220	2222	rVV2	114133	169631	2.58%	0.232%
83	15.186	2222	2226	2231	rVB	259017	396047	6.02%	0.541%
84	15.386	2255	2260	2265	rVB	575727	893891	13.60%	1.222%
85	15.451	2265	2271	2276	rBV	942025	1415784	21.53%	1.936%
86	15.509	2276	2281	2285	rBV	535762	917189	13.95%	1.254%
87	16.992	2527	2533	2543	rVB2	319153	726261	11.05%	0.993%
88	17.174	2559	2564	2569	rBV	72515	154566	2.35%	0.211%
89	17.445	2603	2610	2622	rVB	237669	567477	8.63%	0.776%
90	17.686	2646	2651	2666	rVB	92901	238199	3.62%	0.326%

Sum of corrected areas: 73139156

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
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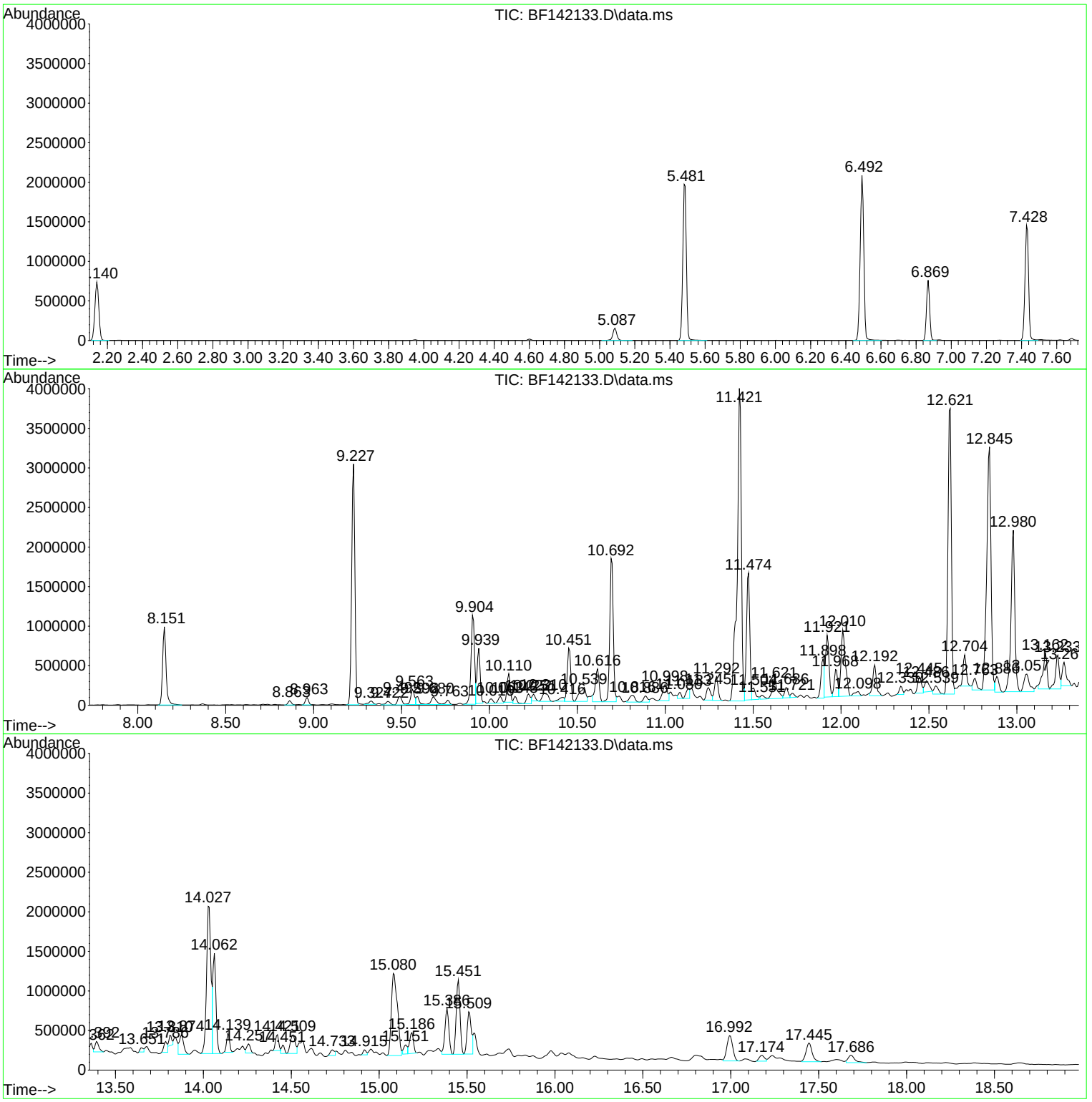
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

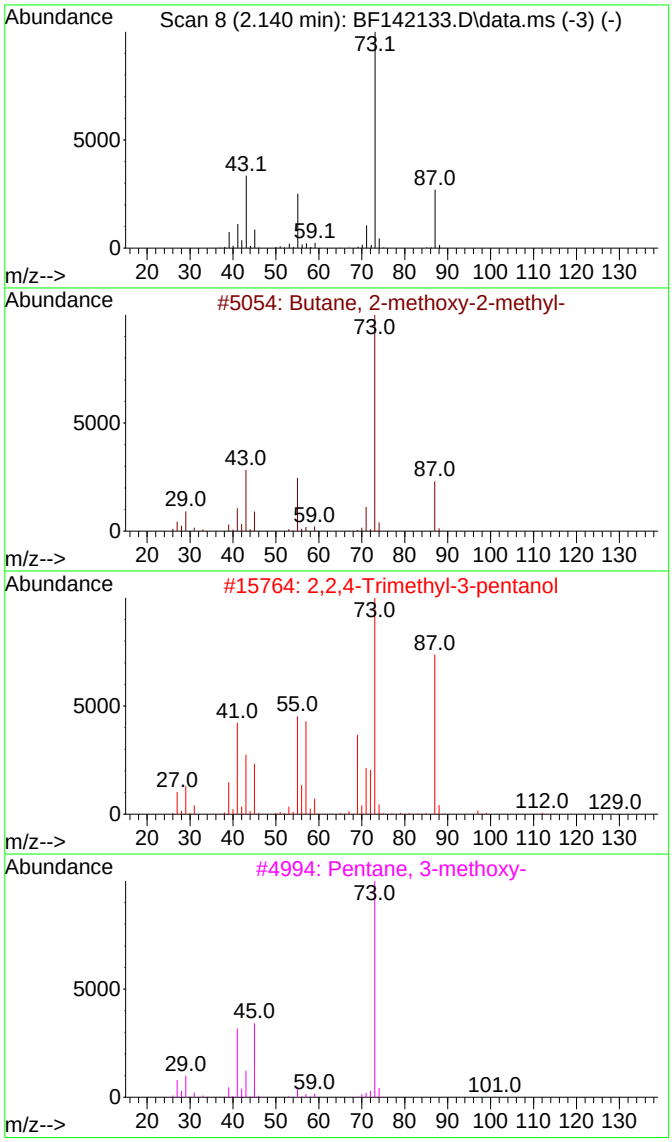
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

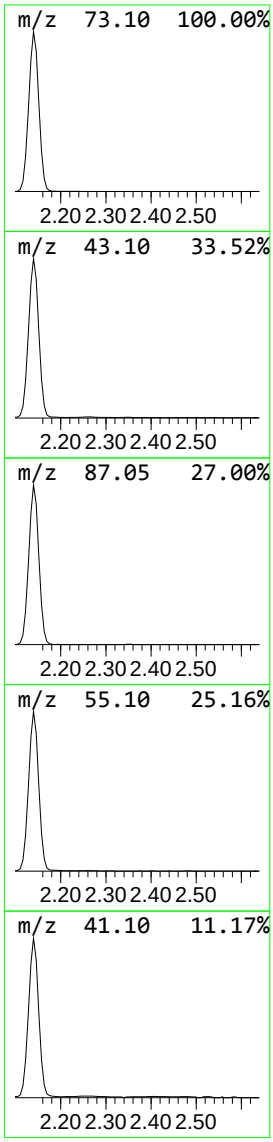
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	24.15 ng	1145380	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

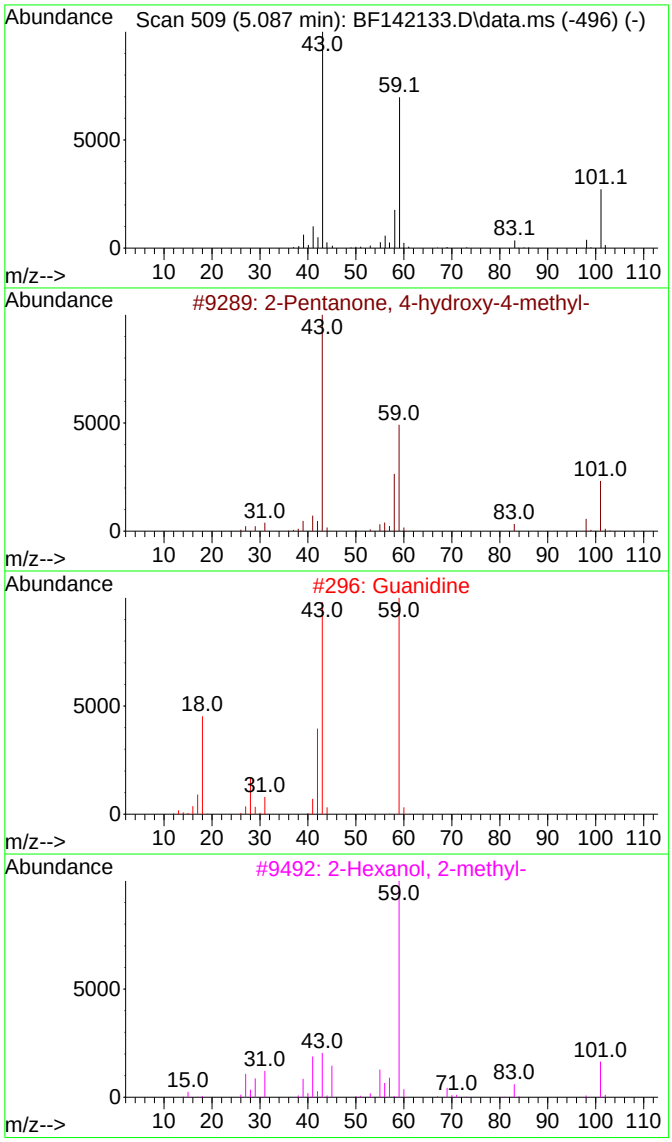
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

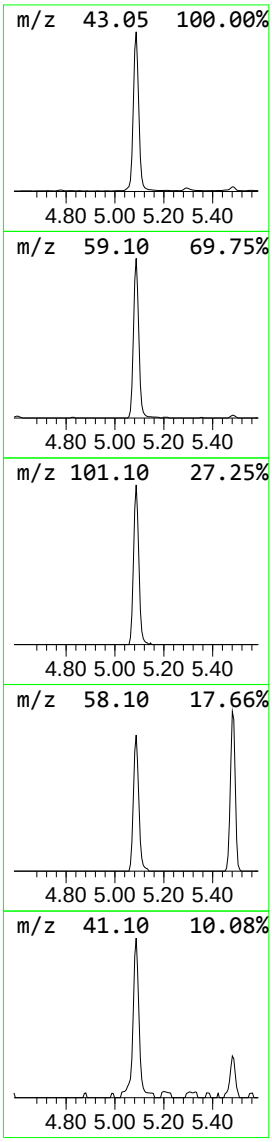
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.27 ng	250009	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Data File : BF142133.D
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Sample : Q1648-07
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

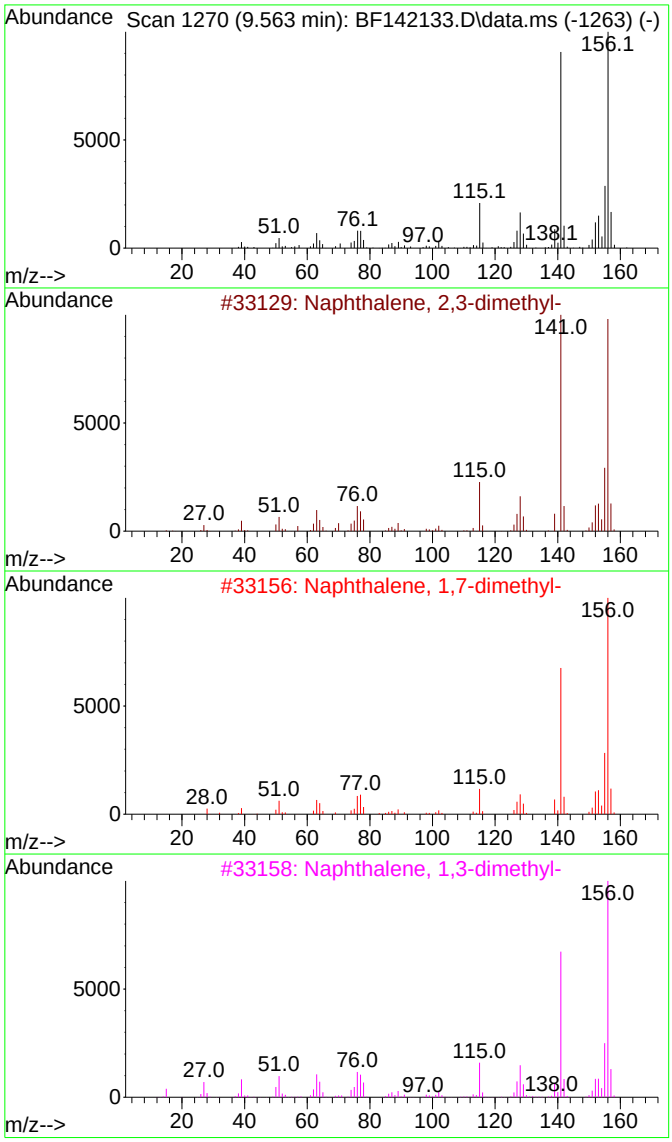
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

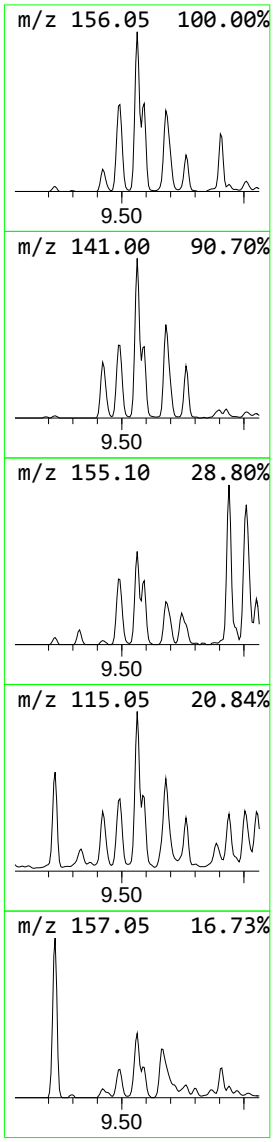
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	3.78 ng	289230	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

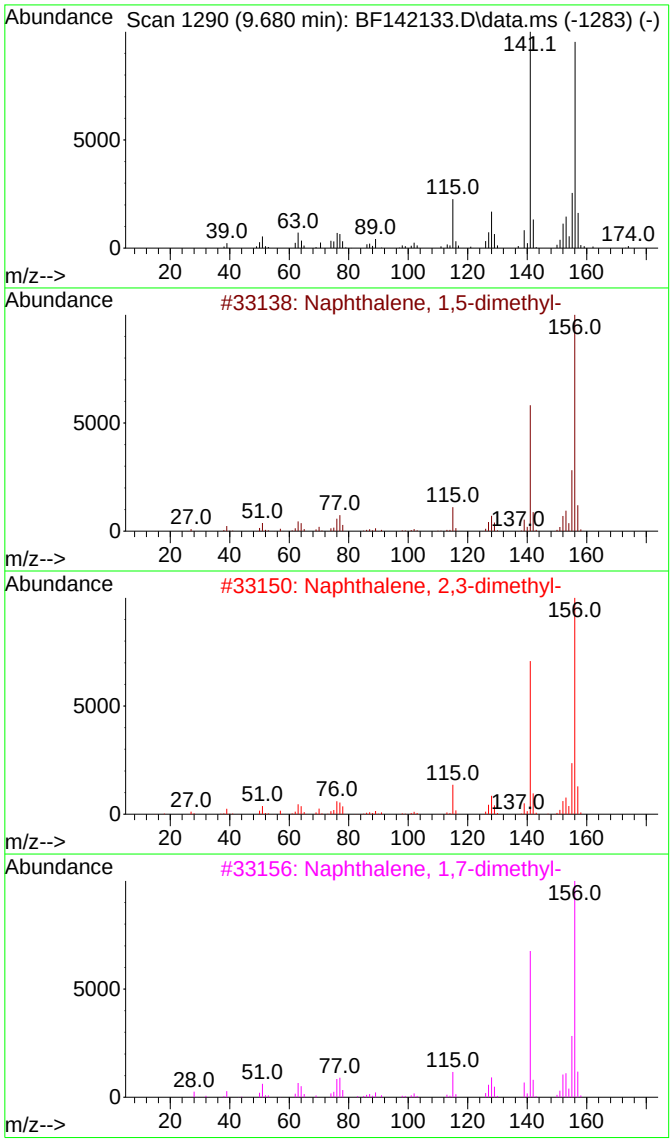
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

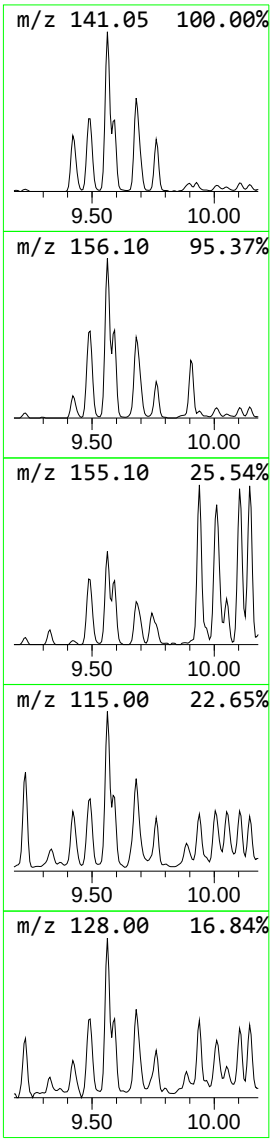
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.680	2.53 ng	193383	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

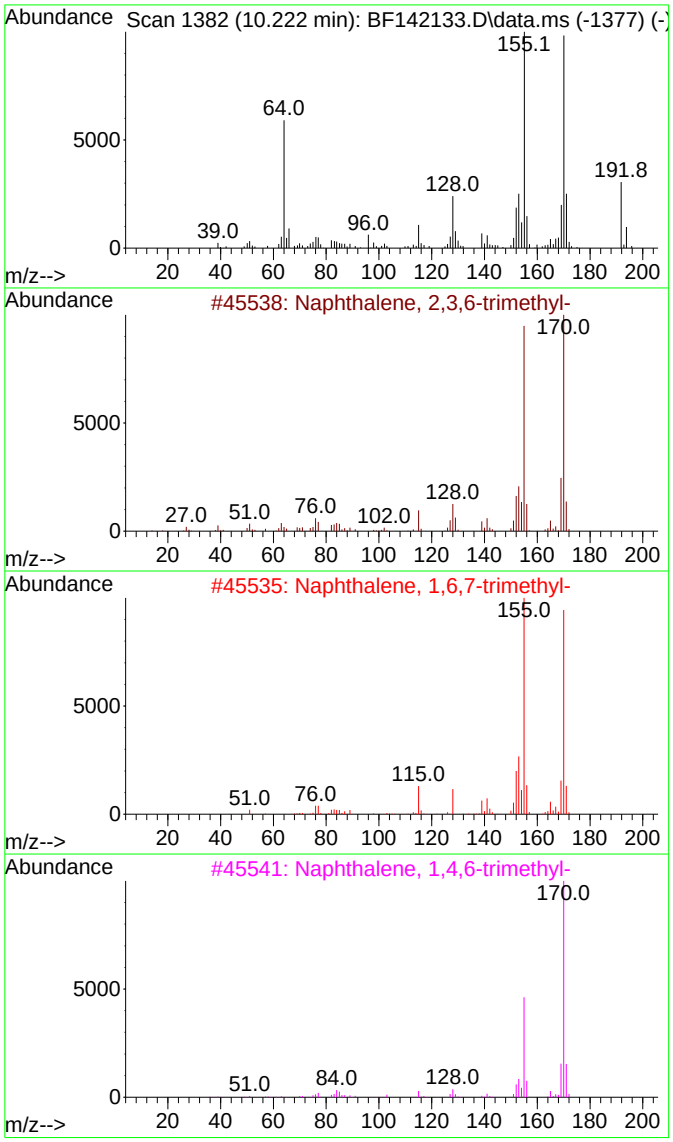
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

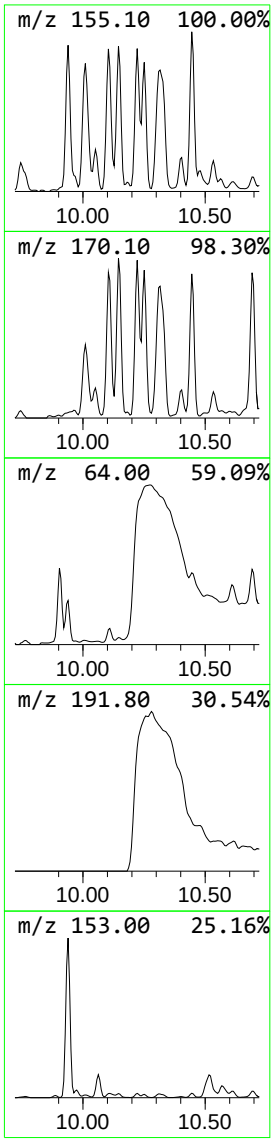
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	2.61 ng	199928	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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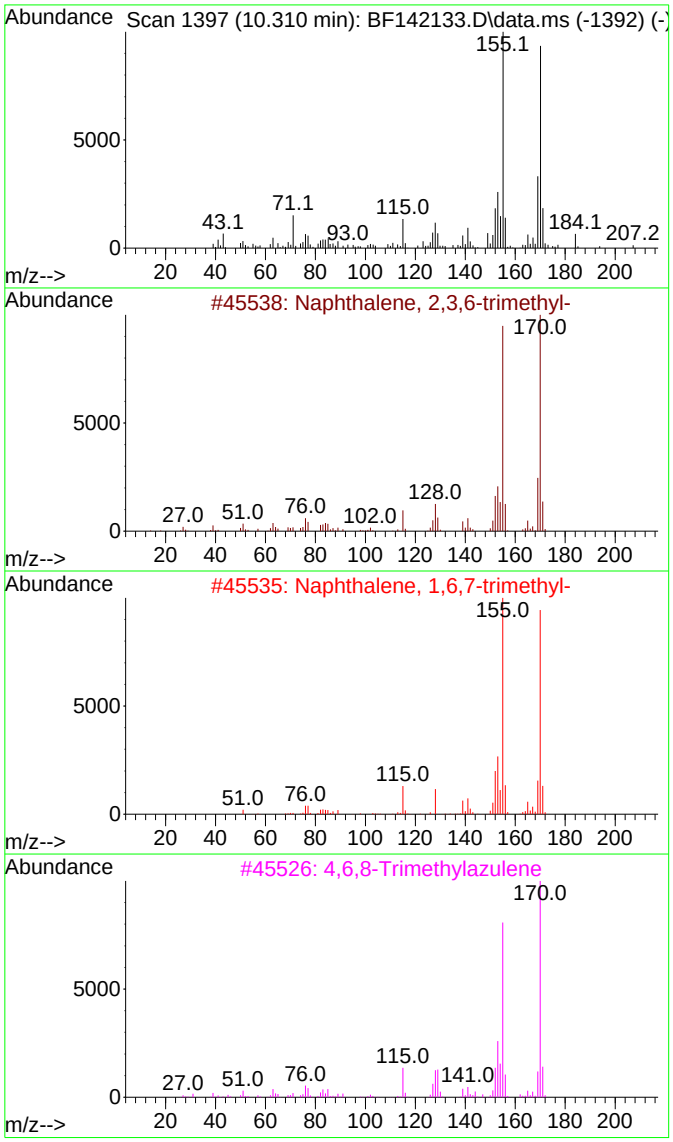
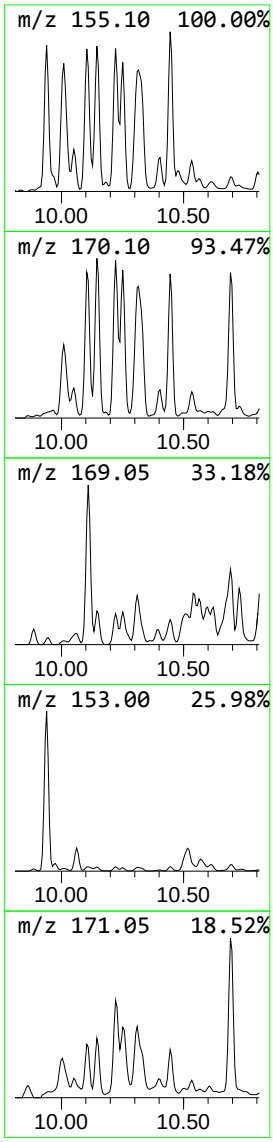
Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	3.16 ng	242287	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : Q1648-07
Misc :
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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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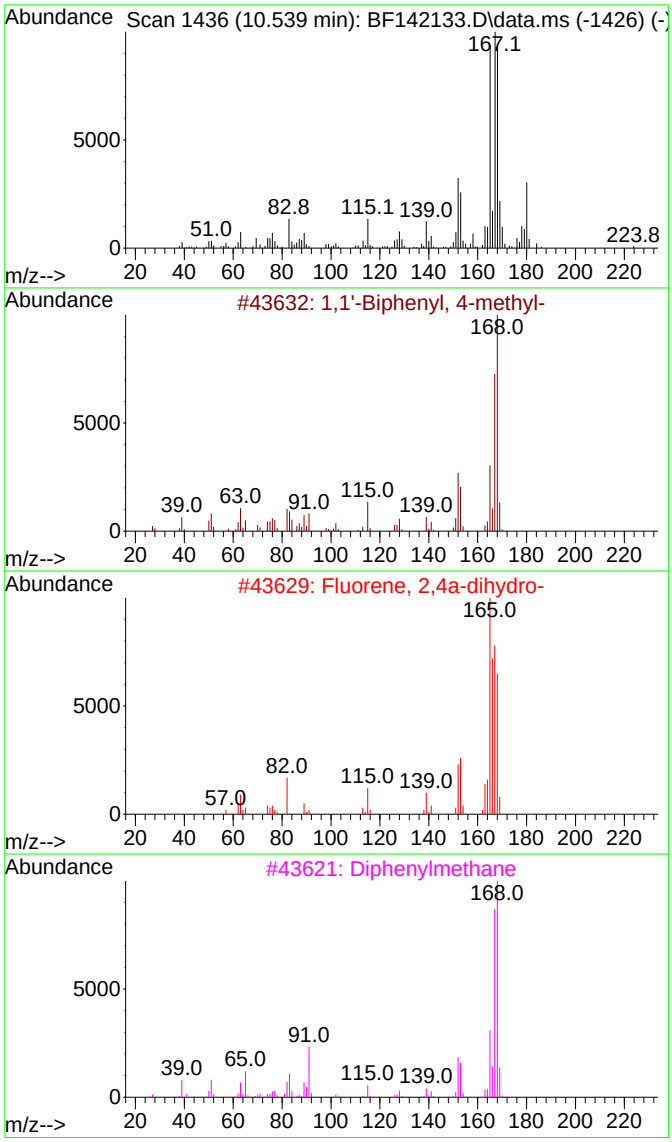
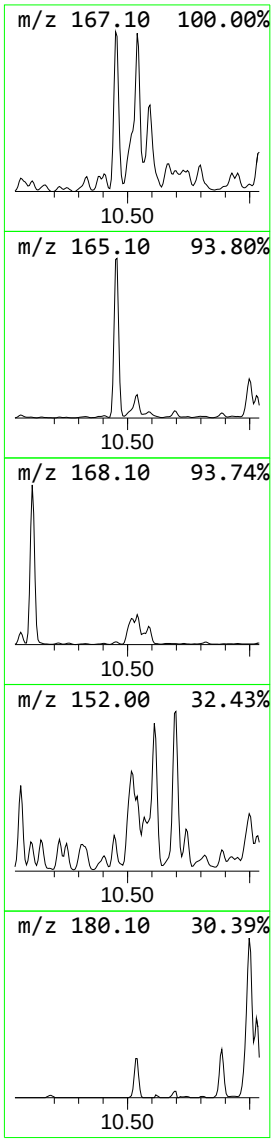
Peak Number 7 1,1'-Biphenyl, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	5.86 ng	449031	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	78
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64
3	Diphenylmethane	168	C13H12	000101-81-5	60
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53





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

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

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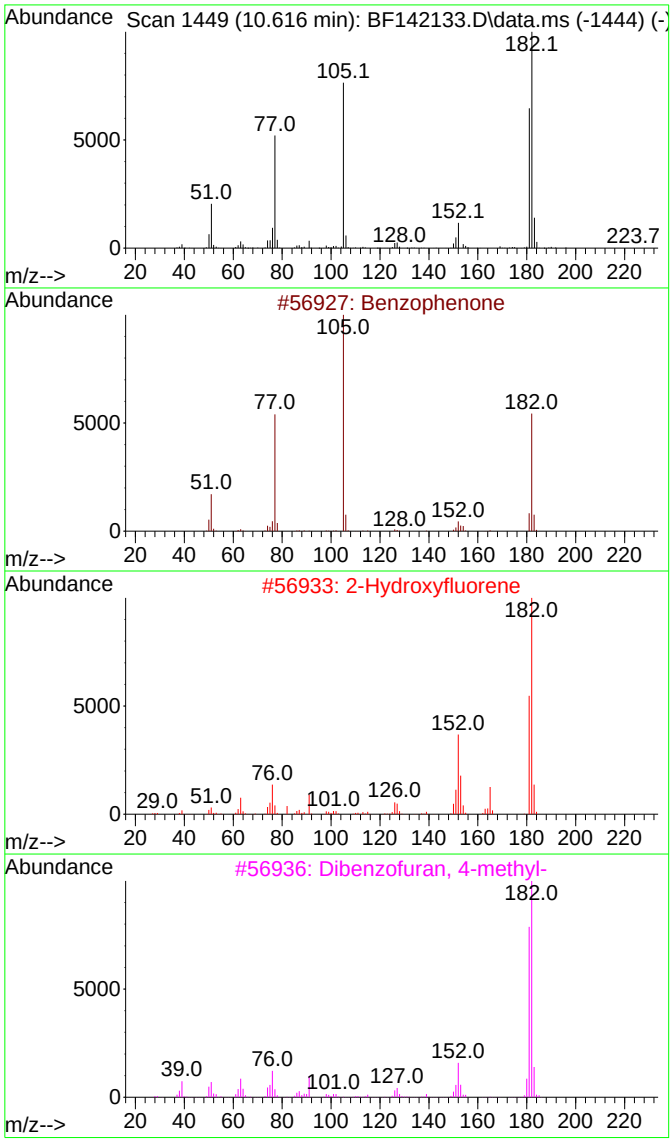
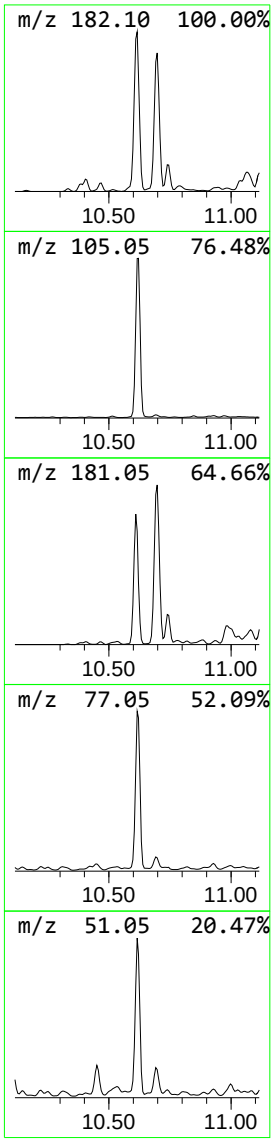
Peak Number 8 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	8.30 ng	635244	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	72
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	52
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	52
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	52
5	9H-Xanthene	182	C13H10O	000092-83-1	35





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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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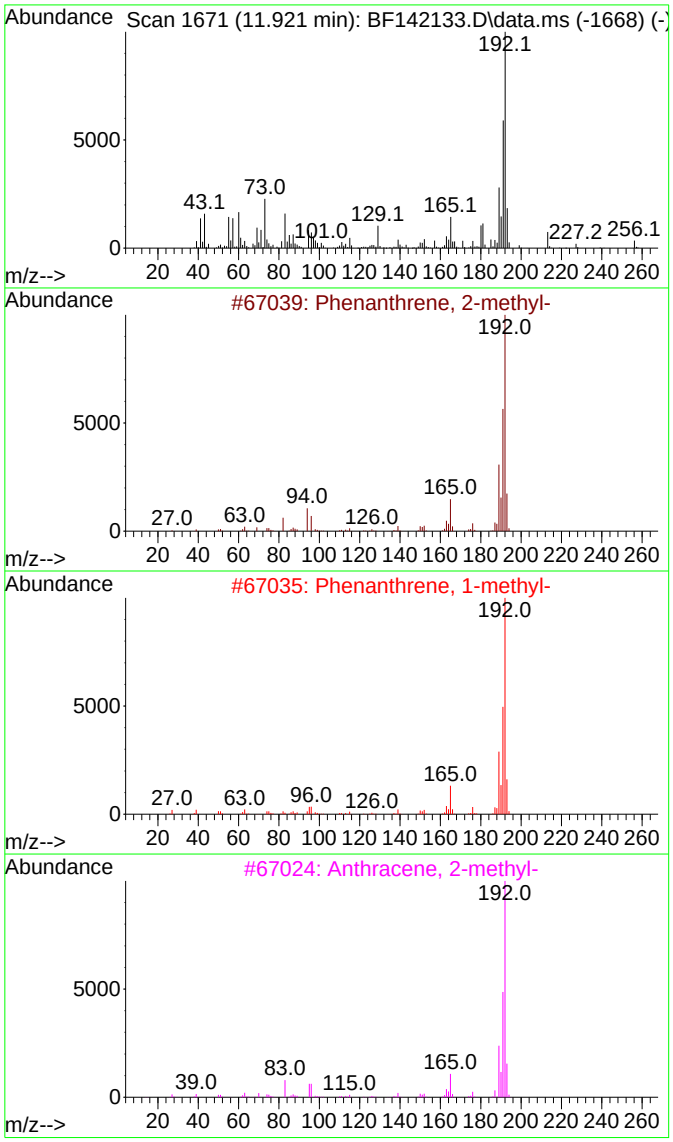
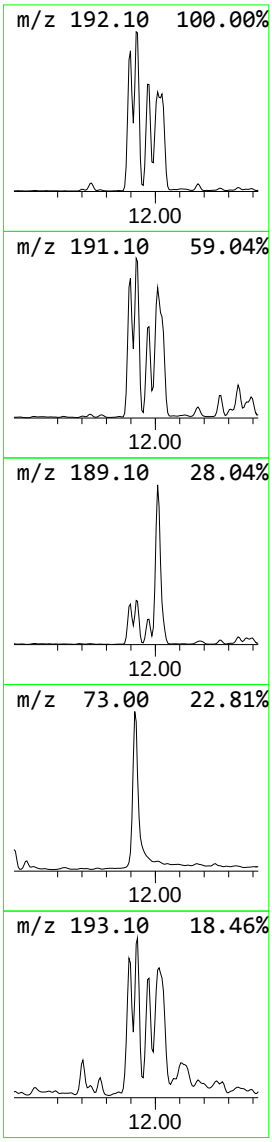
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	3.34 ng	1096450	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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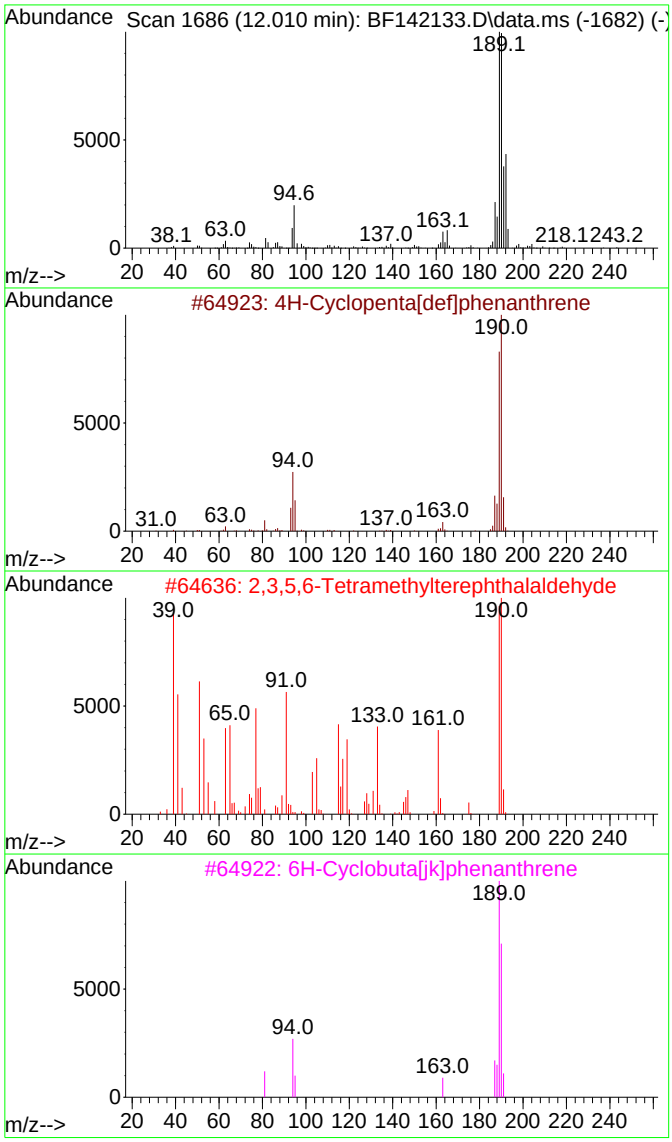
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

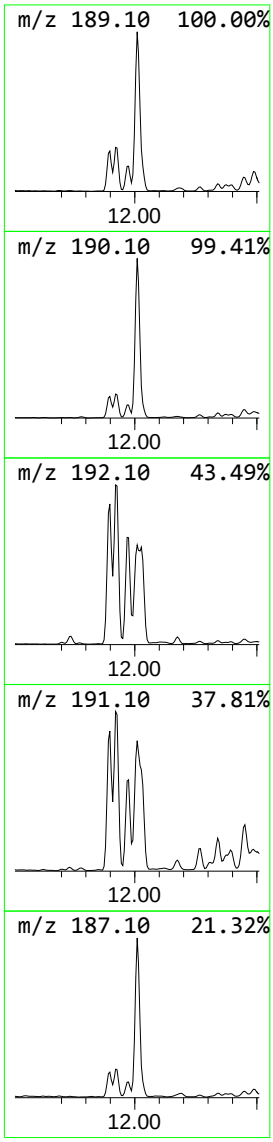
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	4.39 ng	1442040	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	33





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

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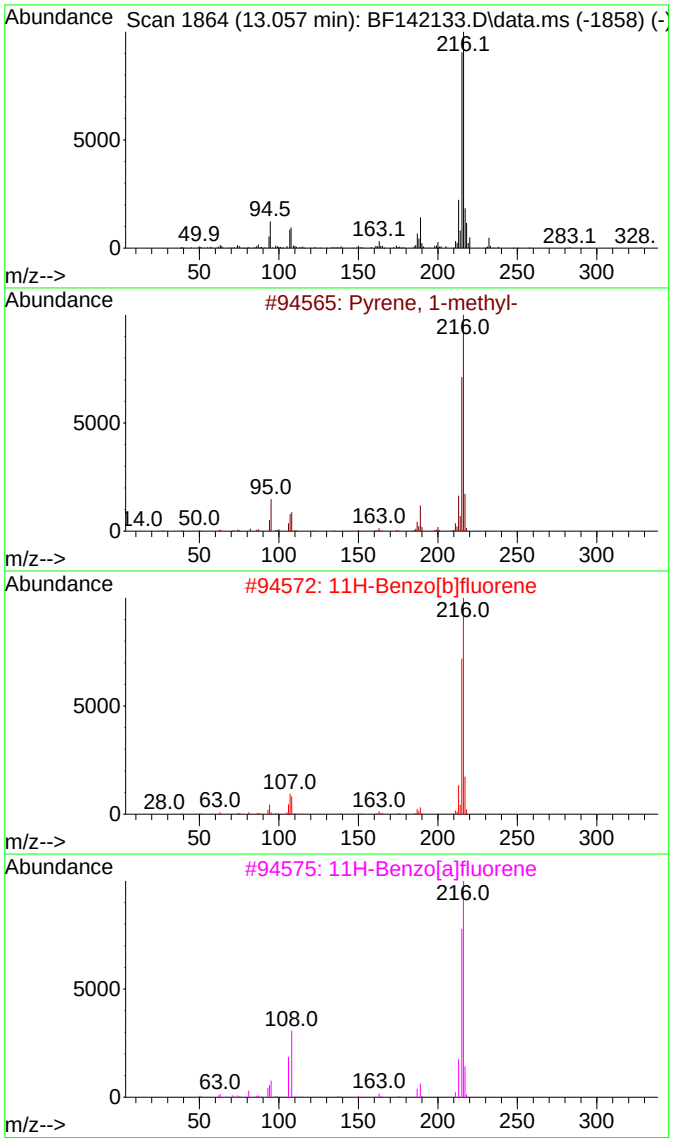
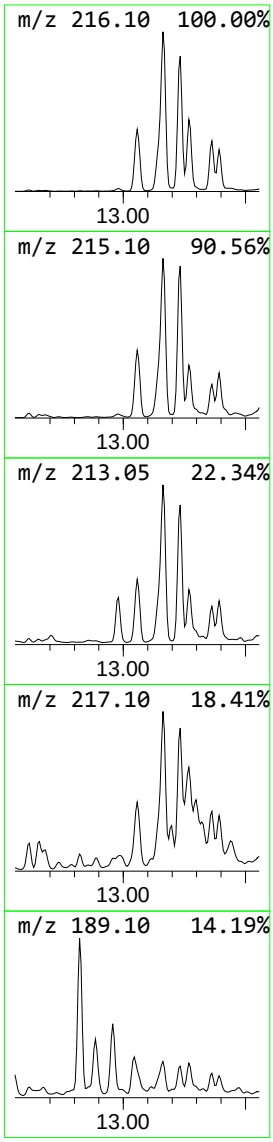
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.97 ng	495804	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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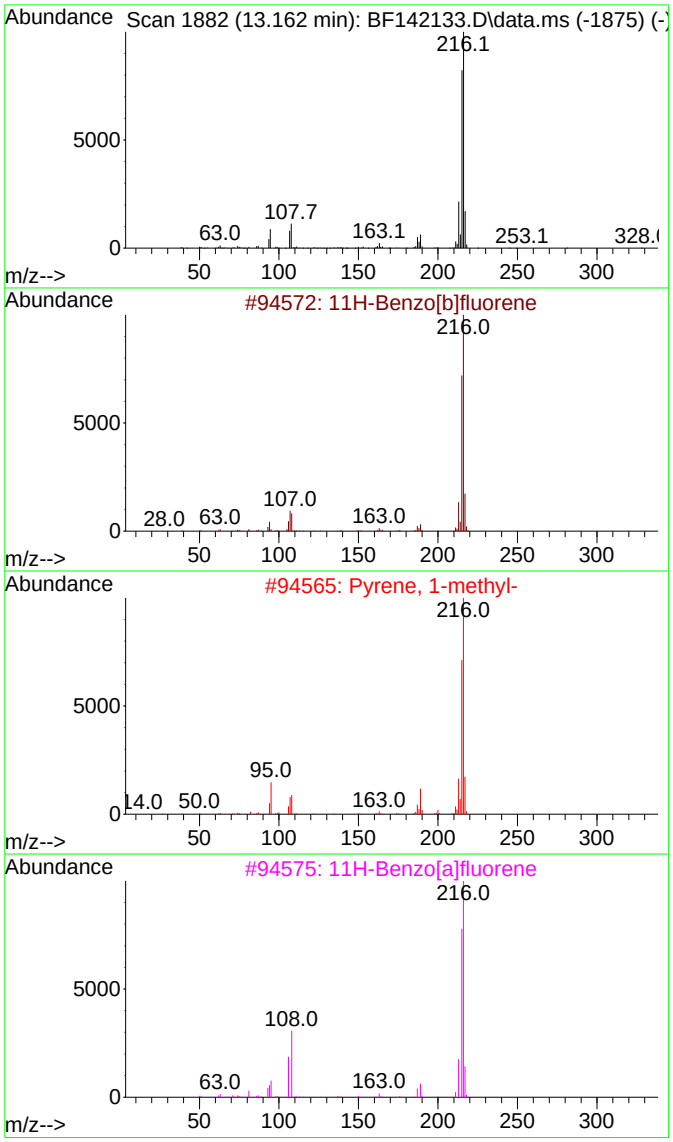
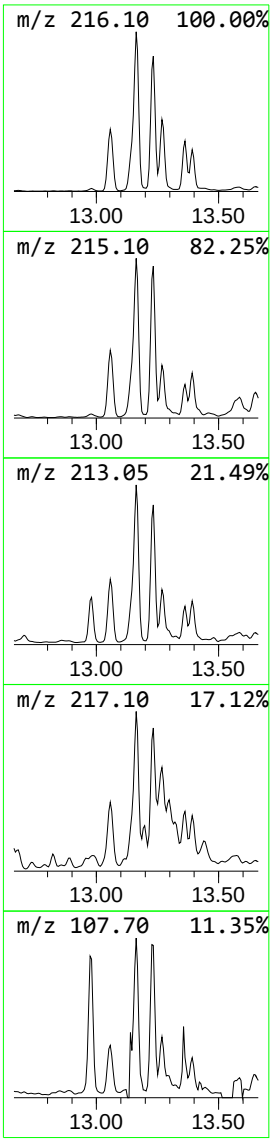
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.51 ng	751845	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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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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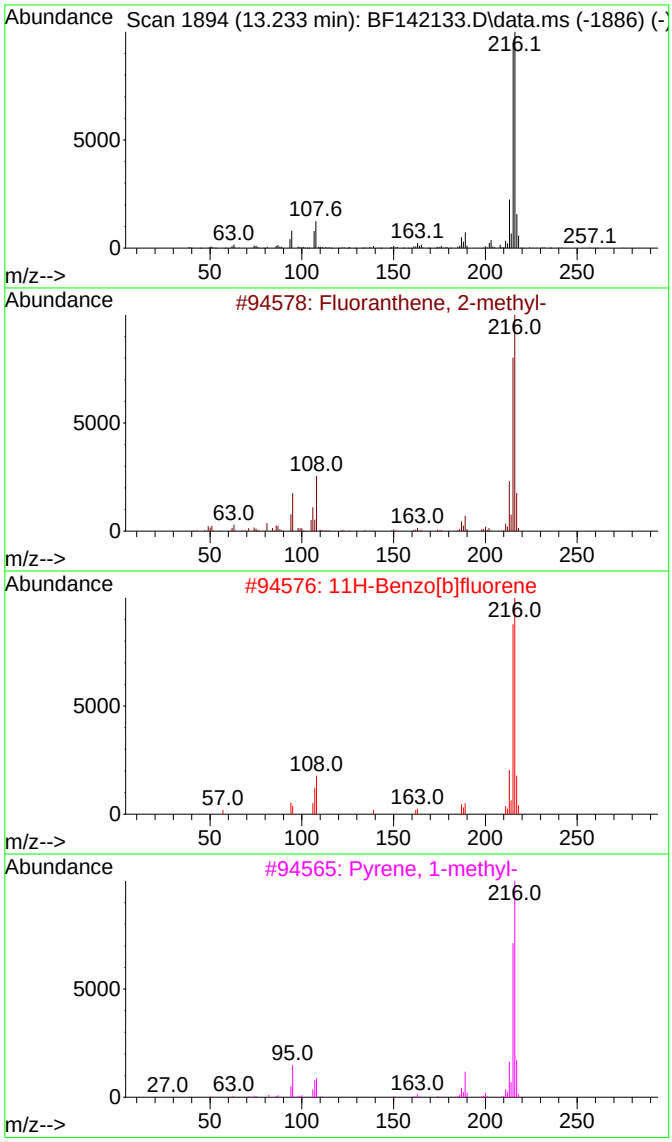
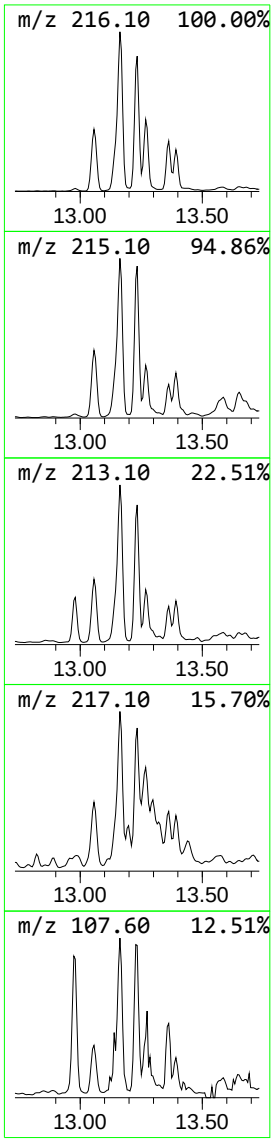
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	3.91 ng	652189	Chrysene-d12	14.039

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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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TIC Library : C:\Database\NIST20.L
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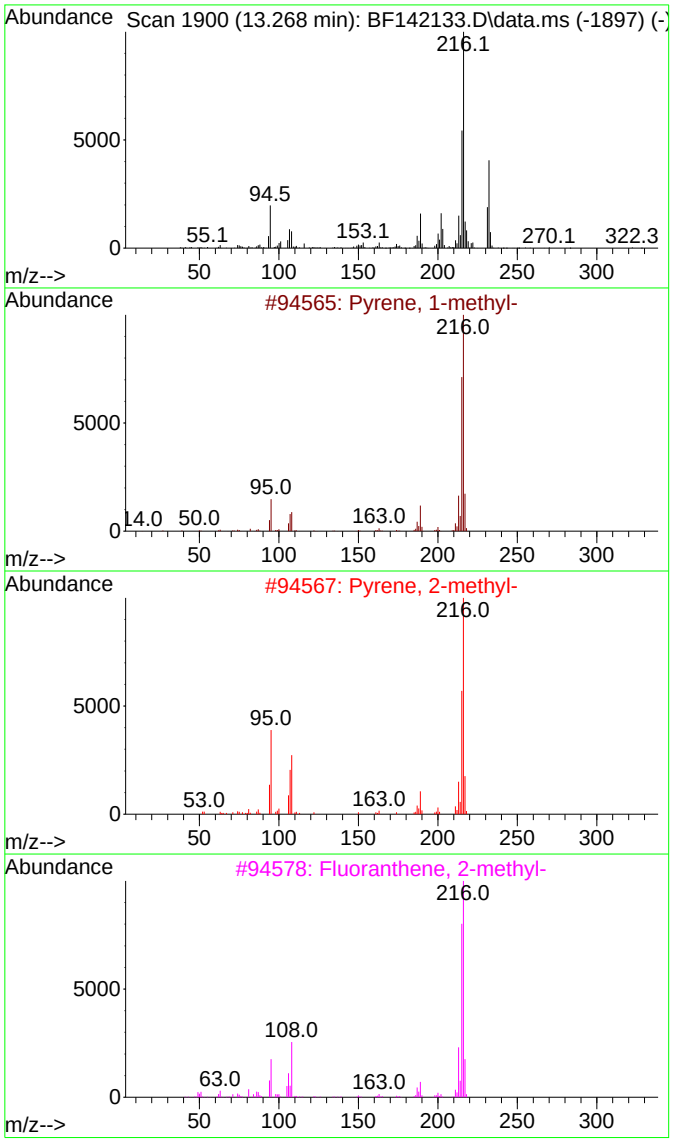
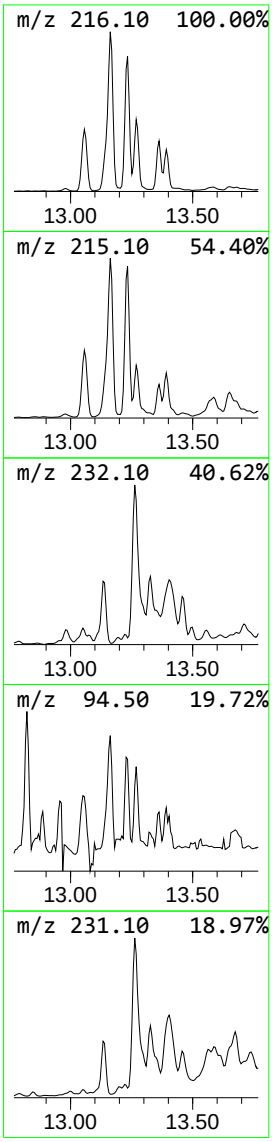
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	2.79 ng	465627	Chrysene-d12	14.039

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	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	52





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

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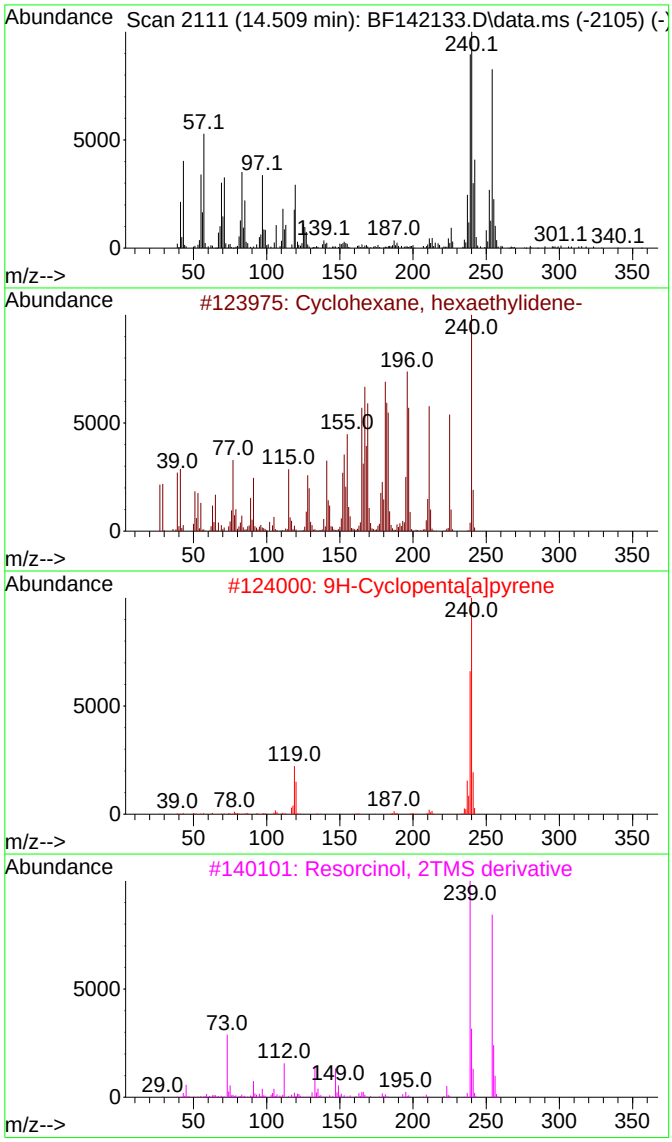
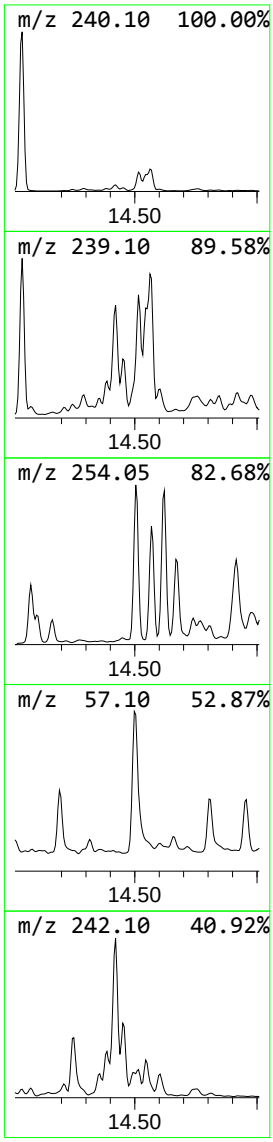
Peak Number 15 Cyclohexane, hexaethylidene- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.509	2.83 ng	471751	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	56
2	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	55
3	Resorcinol, 2TMS derivative	254	C12H22O2Si2	004520-29-0	38
4	Isoparvifuran	254	C16H14O3	078134-83-5	27
5	(3H,6H)Thieno[3,4-c]isoxazole, 6...	239	C11H10ClNOS	1000115-55-6	25





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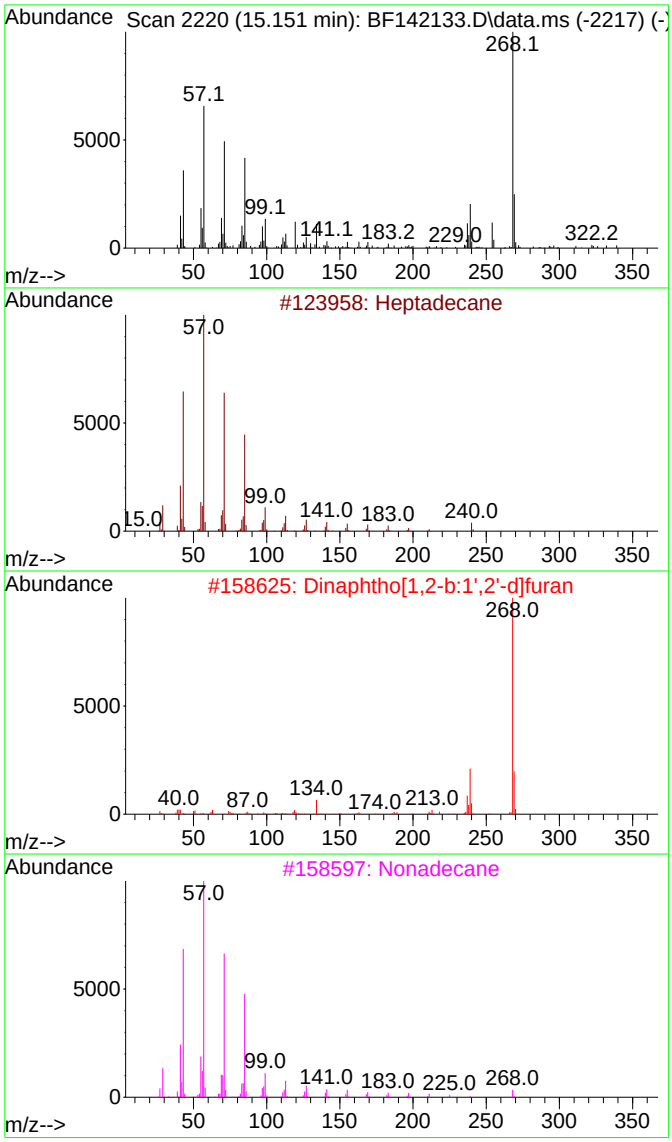
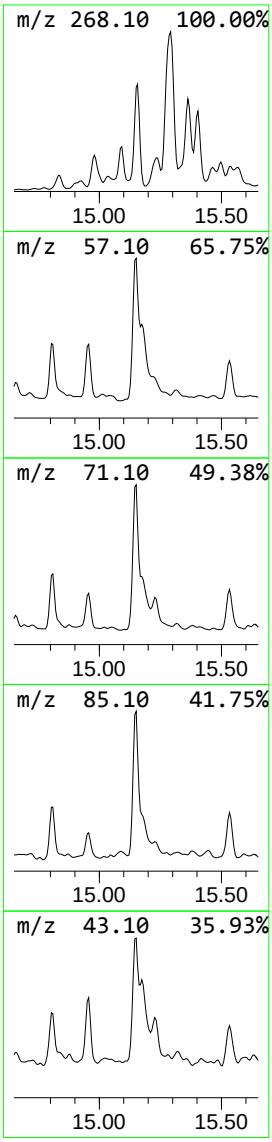
Peak Number 16 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	3.70 ng	169631	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	60
3	Nonadecane	268	C19H40	000629-92-5	58
4	Pyrrolo[3,2-f]quinolin-9-one, 1,...	268	C17H20N2O	1000302-73-3	46
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	46





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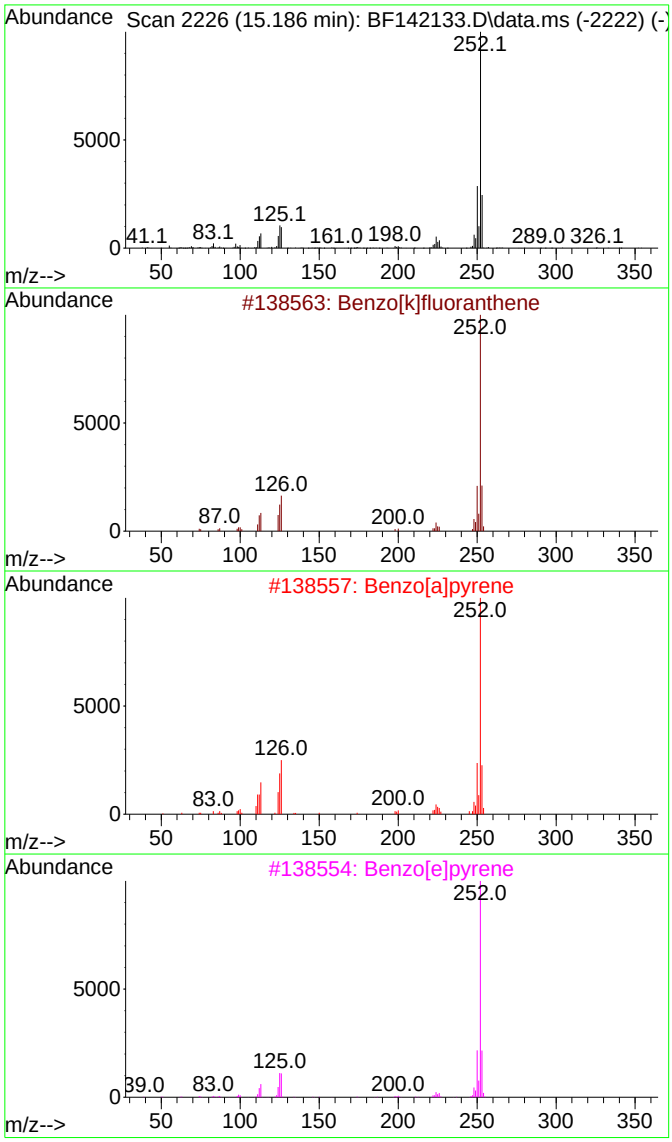
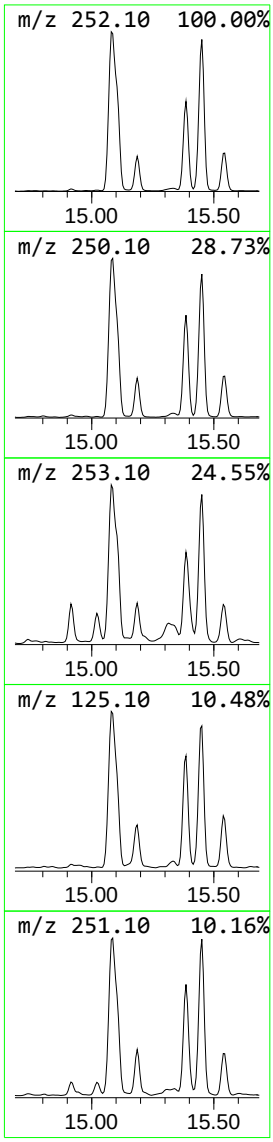
Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	8.64 ng	396047	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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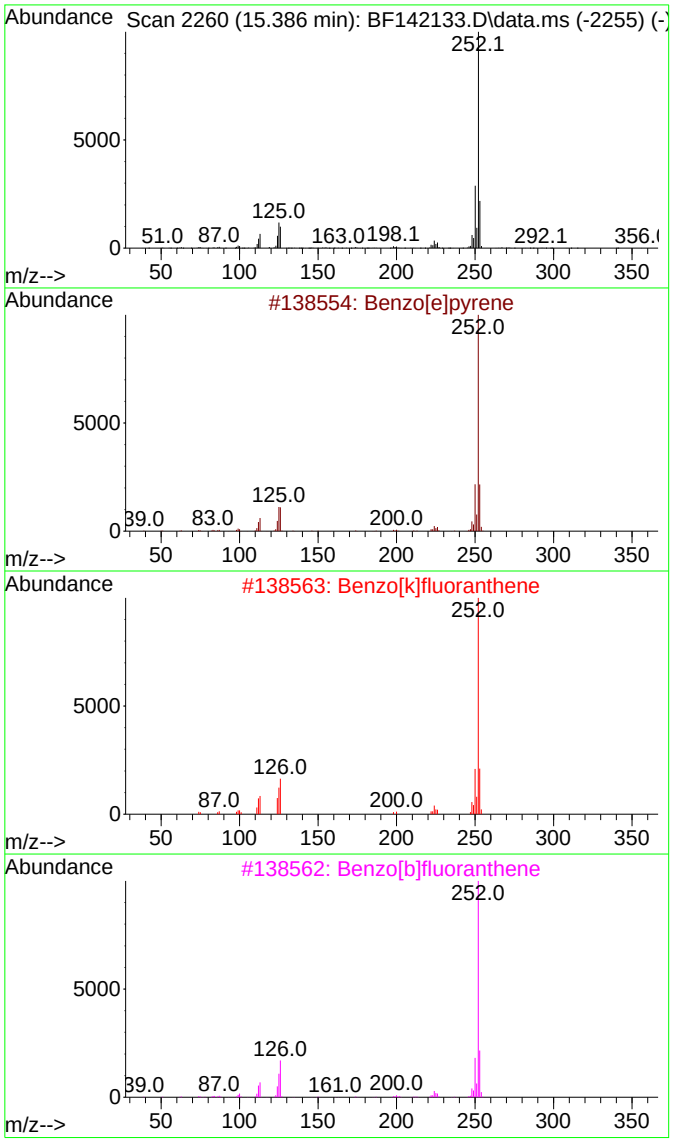
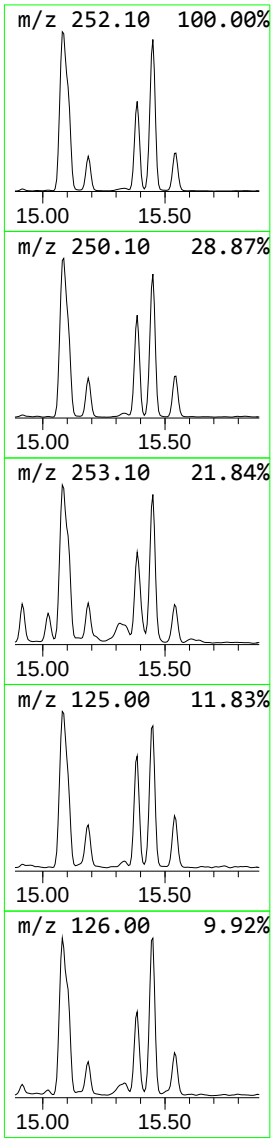
Peak Number 18 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	19.49 ng	893891	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





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Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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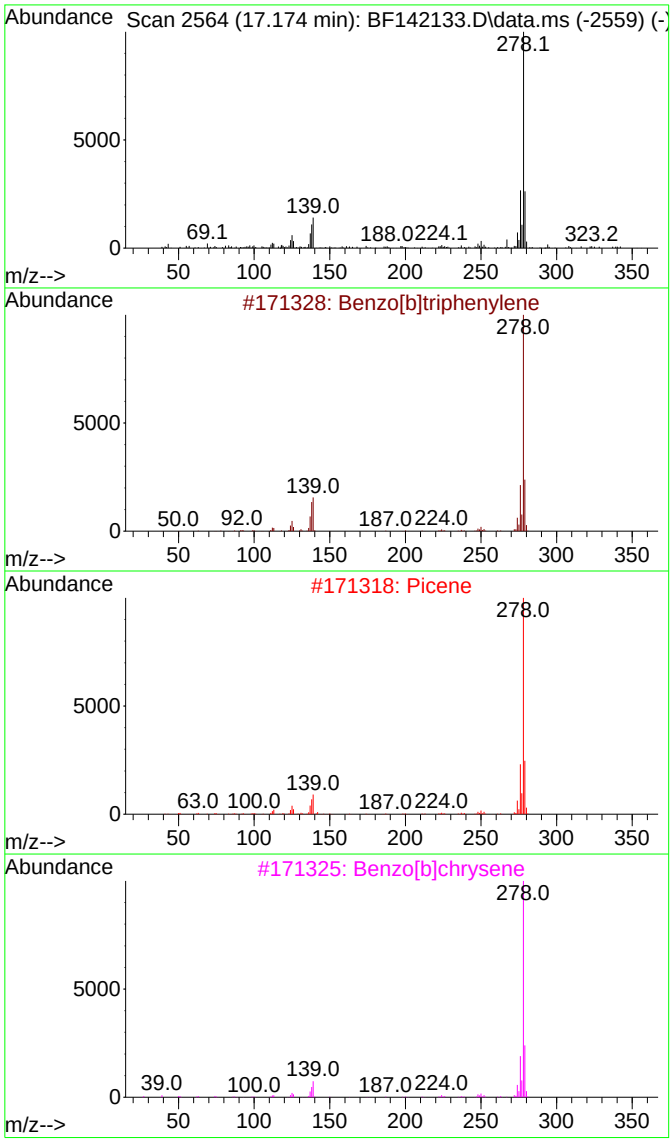
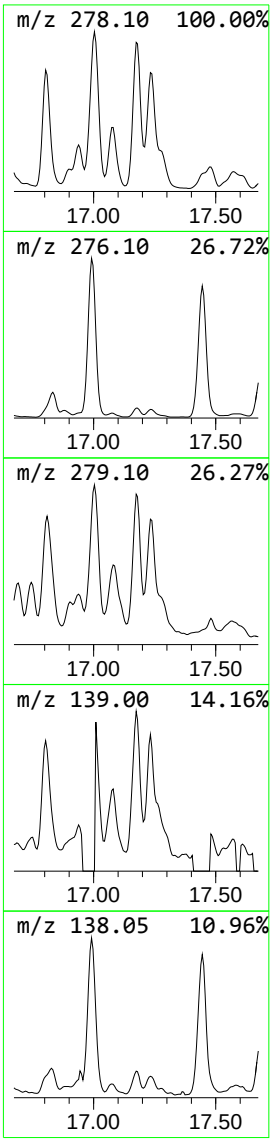
Peak Number 19 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.174	3.37 ng	154566	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	98
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
5	Pentaphene	278	C22H14	000222-93-5	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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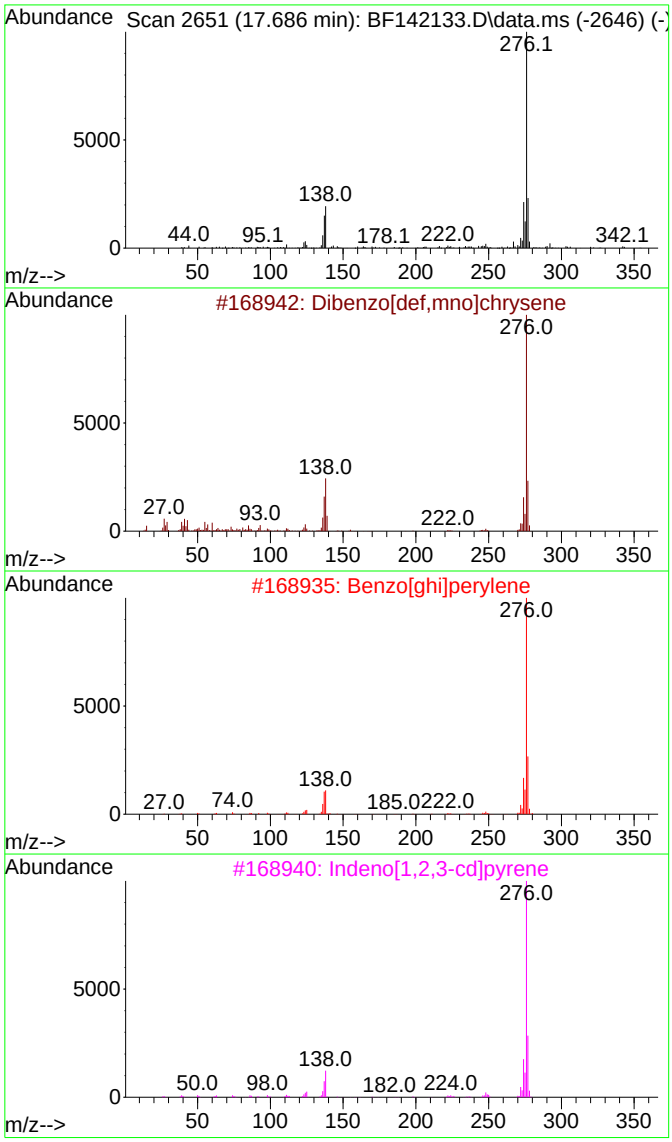
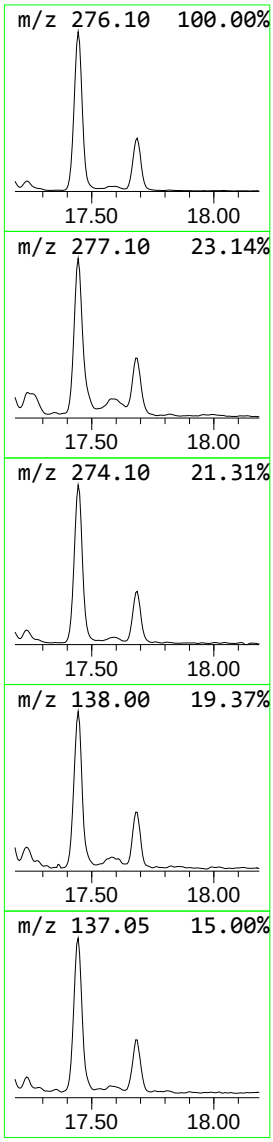
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	5.19 ng	238199	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142133.D
Acq On : 27 Mar 2025 19:14
Operator : RC/JU
Sample : Q1648-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.140	24.1	ng	1145380	1	6.869	948599	20.0
2-Pentanone, 4-...	5.087	5.3	ng	250009	1	6.869	948599	20.0
Naphthalene, 2,...	9.563	3.8	ng	289230	3	9.904	1531500	20.0
Naphthalene, 1,...	9.680	2.5	ng	193383	3	9.904	1531500	20.0
Naphthalene, 2,...	10.222	2.6	ng	199928	3	9.904	1531500	20.0
Naphthalene, 1,...	10.310	3.2	ng	242287	3	9.904	1531500	20.0
1,1'-Biphenyl, ...	10.539	5.9	ng	449031	3	9.904	1531500	20.0
Benzophenone	10.616	8.3	ng	635244	3	9.904	1531500	20.0
Phenanthrene, 2...	11.921	3.3	ng	1096450	4	11.398	6574410	20.0
4H-Cyclopenta[d...	12.010	4.4	ng	1442040	4	11.398	6574410	20.0
Pyrene, 1-methyl-	13.057	3.0	ng	495804	5	14.039	3336990	20.0
11H-Benzo[b]flu...	13.163	4.5	ng	751845	5	14.039	3336990	20.0
Fluoranthene, 2...	13.233	3.9	ng	652189	5	14.039	3336990	20.0
Pyrene, 2-methyl-	13.268	2.8	ng	465627	5	14.039	3336990	20.0
Cyclohexane, he...	14.509	2.8	ng	471751	5	14.039	3336990	20.0
Heptadecane	15.151	3.7	ng	169631	6	15.509	917189	20.0
Benzo[e]pyrene	15.186	8.6	ng	396047	6	15.509	917189	20.0
Perylene	15.386	19.5	ng	893891	6	15.509	917189	20.0
Benzo[b]triphen...	17.174	3.4	ng	154566	6	15.509	917189	20.0
Dibenzo[def,mno...	17.686	5.2	ng	238199	6	15.509	917189	20.0