LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	10	rVB	469648	545983	16.28%	1.145%
2	5.487	575	578	587	rVB	393513	347747	10.37%	0.729%
3	6.498	746	750	755	rBV	400856	337955	10.08%	0.709%
4	6.869	809	813	816	rVB	648740	560247	16.70%	1.175%
5	7.422	905	907	911	rVV	307117	273856	8.16%	0.574%
6	7.669	946	949	952	rVB3	119896	117051	3.49%	0.246%
7	8.128	1024	1027	1028	rVV2	167891	181346	5.41%	0.380%
8	8.145	1028	1030	1032	rVV	982999	891027	26.56%	1.869%
9	8.169	1032	1034	1037	rVV	1487600	1131870	33.74%	2.374%
10	8.198	1037	1039	1041	rVV3	129326	129723	3.87%	0.272%
11	8.234	1041	1045	1052	rVB2	72391	121663	3.63%	0.255%
12	8.322	1052	1060	1062	rBV5	69425	126941	3.78%	0.266%
13	8.434	1075	1079	1083	rBV5	125050	140611	4.19%	0.295%
14	8.651	1113	1116	1118	rBV2	140105	112852	3.36%	0.237%
15	8.734	1127	1130	1134	rBV2	237522	203966	6.08%	0.428%
16	8.857	1149	1151	1155	rVB	894833	757329	22.58%	1.589%
17	8.957	1164	1168	1172	rVV2	672322	692085	20.63%	1.452%
18	9.092	1188	1191	1197	rBV3	92203	178312	5.32%	0.374%
19	9.163	1200	1203	1205	rBV2	213408	162816	4.85%	0.342%
20	9.222	1210	1213	1217	rVB	494970	445643	13.29%	0.935%
21	9.298	1222	1226	1228	rBV	414293	365205	10.89%	0.766%
22	9.322	1228	1230	1234	rVV	172015	170760	5.09%	0.358%
23	9.369	1236	1238	1241	rVV2	127620	122074	3.64%	0.256%
24	9.486	1254	1258	1262	rVV3	265788	368855	11.00%	0.774%
25	9.534	1263	1266	1268	rVV4	93630	112779	3.36%	0.237%
26	9.557	1268	1270	1273	rVV	408067	429928	12.82%	0.902%
27	9.586	1273	1275	1277	rVV	249458	209419	6.24%	0.439%
28	9.622	1277	1281	1283	rVV3	286587	359866	10.73%	0.755%
29	9.645	1283	1285	1287	rVV2	136436	122519	3.65%	0.257%
30	9.675	1287	1290	1296	rVB2	253077	255112	7.61%	0.535%
31	9.763	1302	1305	1309	rBV	225738	238273	7.10%	0.500%
32	9.810	1309	1313	1314	rVV2	90798	125531	3.74%	0.263%
33	9.828	1314	1316	1321	rVV	596571	469681	14.00%	0.985%
34	9.898	1321	1328	1331	rVV	887863	1019741	30.40%	2.139%
35	9.934	1331	1334	1337	rVV	713424	563276	16.79%	1.182%
36	9.969	1337	1340	1343	rVB4	123180	135232	4.03%	0.284%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.004	1343	1346	1351	rBV2	129806	145945	4.35%	0.306%
38	10.057	1351	1355	1358	rBV4	138672	206518	6.16%	0.433%
39	10.104	1361	1363	1367	rVB	575182	493529	14.71%	1.035%
40	10.145	1367	1370	1374	rBV3	250511	306180	9.13%	0.642%
41	10.216	1379	1382	1385	rBV4	174296	215916	6.44%	0.453%
42	10.328	1398	1401	1404	rVB	788287	594355	17.72%	1.247%
43	10.451	1418	1422	1425	rBV	796585	747783	22.29%	1.569%
44	10.545	1434	1438	1443	rVB	322938	438100	13.06%	0.919%
45	10.598	1445	1447	1450	rVB2	166953	158510	4.73%	0.333%
46	10.669	1456	1459	1460	rBV3	160928	140318	4.18%	0.294%
47	10.686	1460	1462	1466	rVB	340454	282568	8.42%	0.593%
48	10.798	1478	1481	1490	rVB	943004	1171147	34.92%	2.457%
49	10.992	1510	1514	1517	rBV2	237445	294572	8.78%	0.618%
50	11.022	1517	1519	1522	rVB	205083	196080	5.85%	0.411%
51	11.080	1527	1529	1532	rVB2	148487	120273	3.59%	0.252%
52	11.245	1554	1557	1560	rVV	883181	816110	24.33%	1.712%
53	11.280	1560	1563	1569	rVB2	599268	684891	20.42%	1.437%
54	11.386	1578	1581	1583	rBV	958380	876349	26.13%	1.838%
55	11.416	1583	1586	1589	rVV	2786226	2384891	71.10%	5.003%
56	11.463	1591	1594	1597	rVV	1005901	798703	23.81%	1.675%
57	11.492	1597	1599	1602	rVV4	151640	170367	5.08%	0.357%
58	11.522	1602	1604	1606	rVV2	117776	108182	3.23%	0.227%
59	11.557	1608	1610	1614	rVV2	132738	128141	3.82%	0.269%
60	11.616	1618	1620	1627	rVV2	296281	391806	11.68%	0.822%
61	11.675	1627	1630	1633	rVV	947749	767668	22.89%	1.610%
62	11.716	1635	1637	1643	rVB2	182267	215842	6.43%	0.453%
63	11.775	1644	1647	1649	rVV	709488	526683	15.70%	1.105%
64	11.886	1663	1666	1668	rVV	416088	400624	11.94%	0.840%
65	11.916	1668	1671	1676	rVV	652066	646423	19.27%	1.356%
66	11.963	1677	1679	1682	rVV2	203673	213522	6.37%	0.448%
67	11.998	1682	1685	1688	rVV2	644178	763765	22.77%	1.602%
68	12.022	1688	1689	1692	rVB	340156	207041	6.17%	0.434%
69	12.080	1696	1699	1704	rBV	839171	680720	20.29%	1.428%
70	12.180	1714	1716	1719	rBV	205993	177474	5.29%	0.372%
71	12.327	1739	1741	1744	rVB2	130378	118931	3.55%	0.249%
72	12.363	1744	1747	1749	rBV	265522	211537	6.31%	0.444%
73	12.386	1749	1751	1755	rVB	129734	108122	3.22%	0.227%
74	12.439	1756	1760	1761	rBV	298289	327736	9.77%	0.687%
75	12.463	1761	1764	1766	rVV2	3487786	3354263	100.00%	7.036%
76	12.486	1766	1768	1772	rVB	2646411	2217983	66.12%	4.653%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.522	1772	1774	1779	rVB2	101584	119042	3.55%	0.250%
78	12.569	1779	1782	1784	rVB	596873	481294	14.35%	1.010%
79	12.604	1784	1788	1794	rBV	2529998	2458072	73.28%	5.156%
80	12.751	1811	1813	1816	rVB	131663	124420	3.71%	0.261%
81	12.833	1820	1827	1832	rBV	2083523	2431207	72.48%	5.100%
82	12.886	1832	1836	1839	rVB2	136176	175772	5.24%	0.369%
83	12.969	1844	1850	1852	rBV2	512581	540435	16.11%	1.134%
84	13.045	1859	1863	1870	rBV5	189766	371343	11.07%	0.779%
85	13.133	1875	1878	1879	rVV3	136326	143734	4.29%	0.302%
86	13.157	1879	1882	1885	rVB	440744	399710	11.92%	0.838%
87	13.198	1886	1889	1891	rBV	277488	268259	8.00%	0.563%
88	13.222	1891	1893	1896	rVV2	393771	312946	9.33%	0.656%
89	13.263	1896	1900	1902	rVV2	266913	273730	8.16%	0.574%
90	13.351	1913	1915	1918	rVB	155942	119274	3.56%	0.250%
91	13.386	1918	1921	1924	rBV	156931	150076	4.47%	0.315%
92	13.539	1944	1947	1949	rBV	177944	172720	5.15%	0.362%
93	13.869	2001	2003	2008	rVB4	137085	129946	3.87%	0.273%
94	14.016	2025	2028	2032	rBV2	734937	1049384	31.29%	2.201%
95	14.051	2032	2034	2040	rVB	601789	486550	14.51%	1.021%
96	14.410	2093	2095	2098	rVB	170317	141116	4.21%	0.296%
97	15.068	2203	2207	2210	rBV	425623	683142	20.37%	1.433%
98	15.368	2255	2258	2264	rVB	270169	335300	10.00%	0.703%
99	15.433	2265	2269	2275	rVB	416460	527408	15.72%	1.106%
100	15.498	2276	2280	2283	rBV	325067	440199	13.12%	0.923%

Sum of corrected areas: 47671921

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
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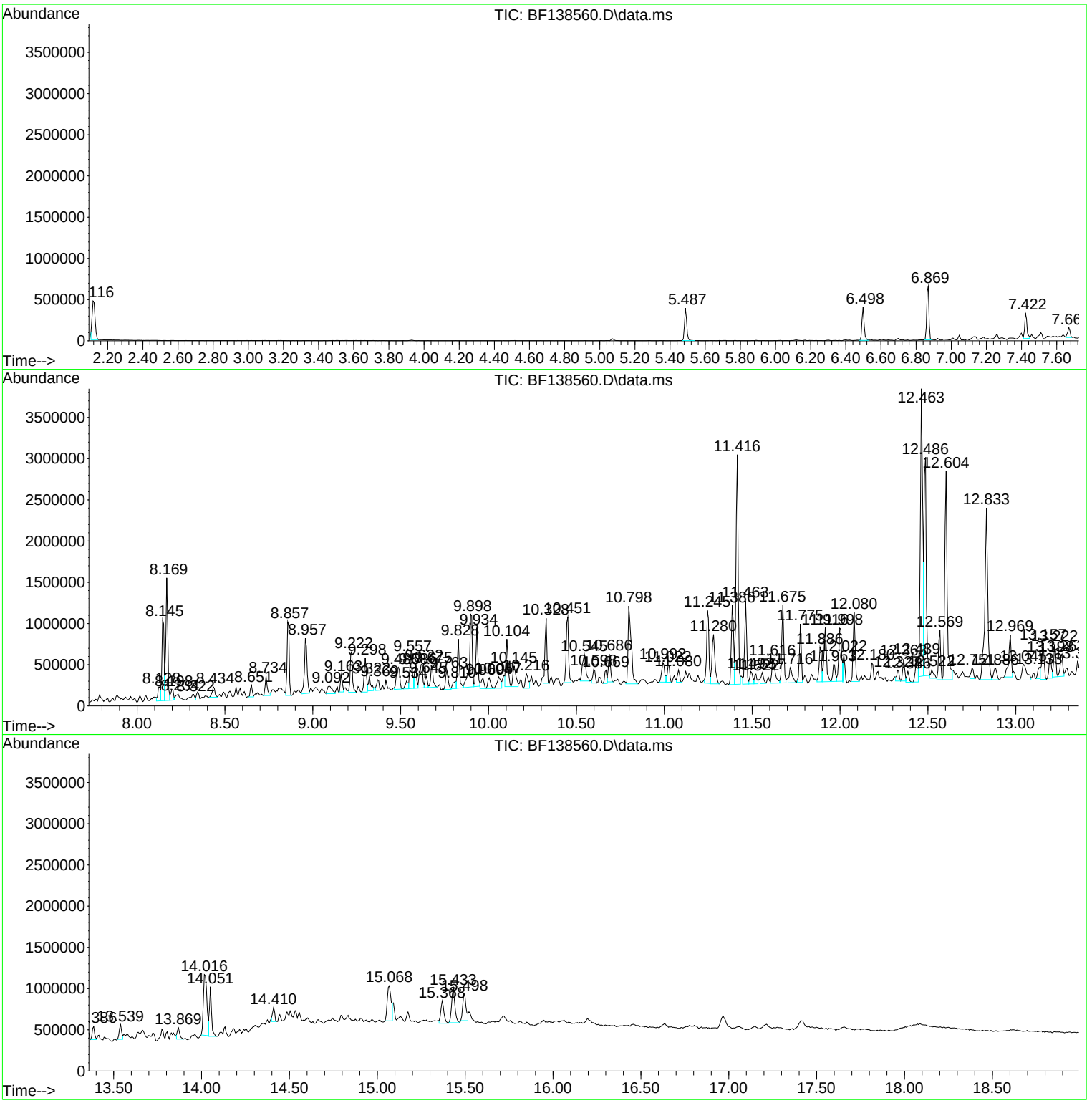
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
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Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

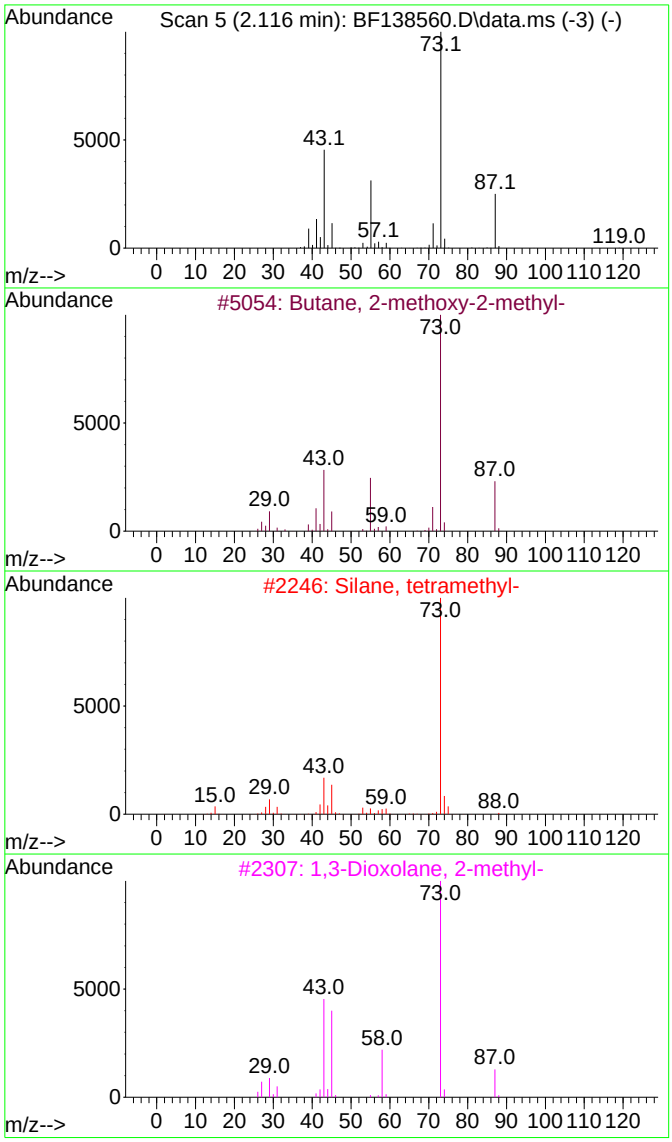
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

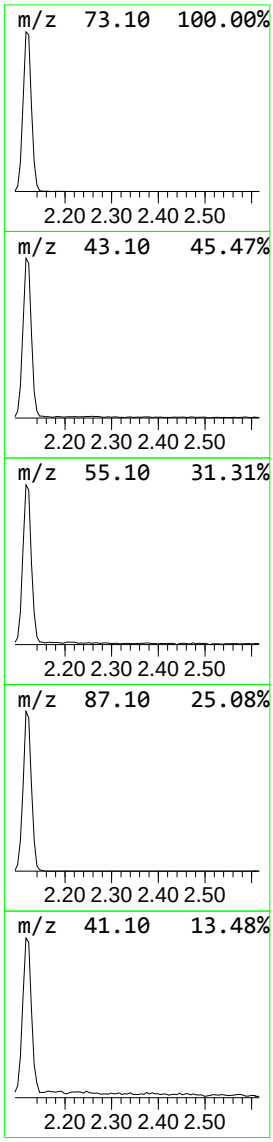
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	19.49 ng	545983	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	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

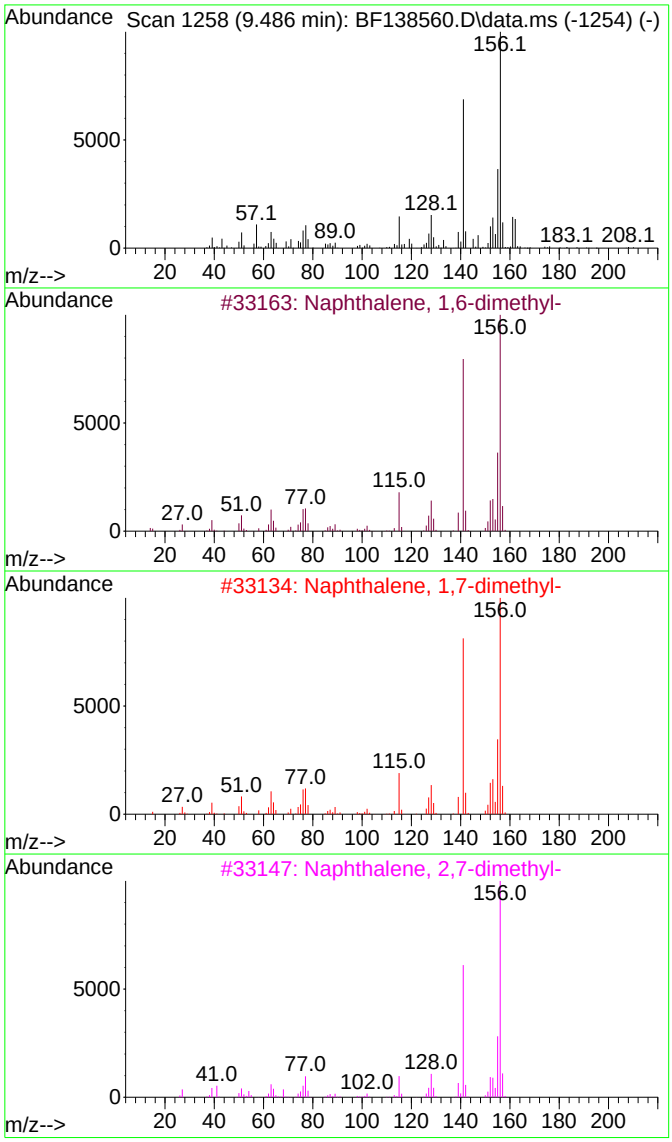
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

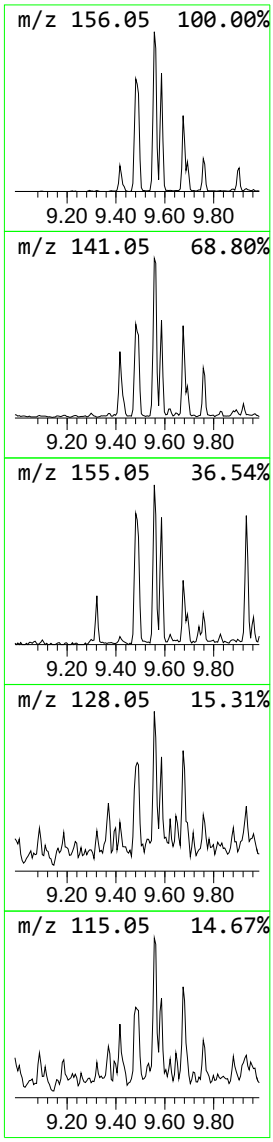
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	7.23 ng	368855	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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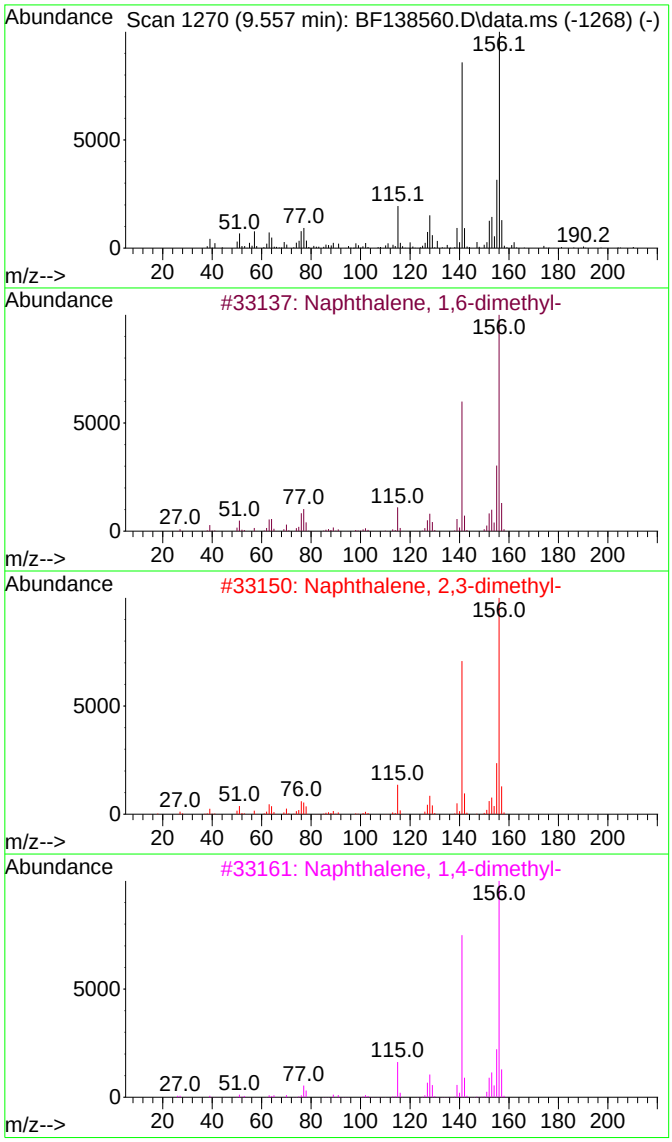
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

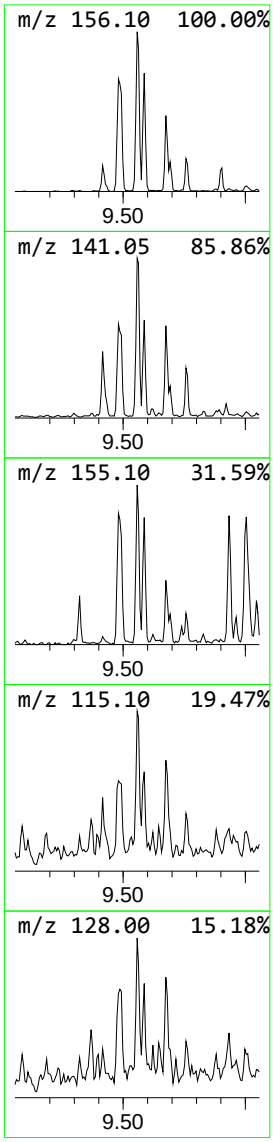
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	8.43 ng	429928	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

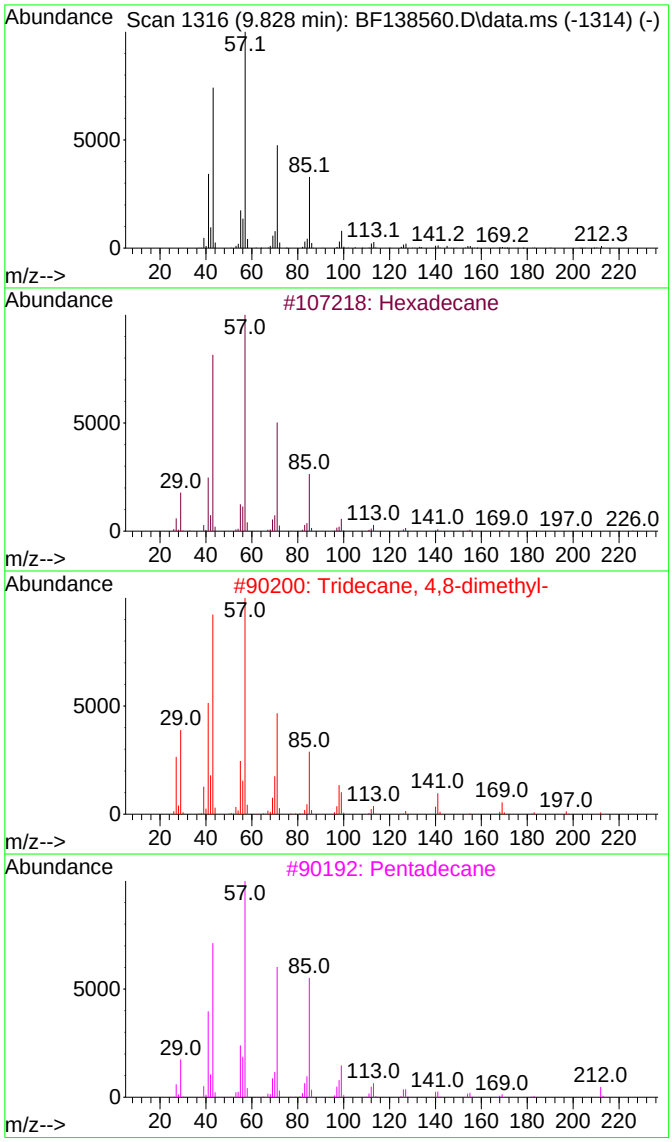
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

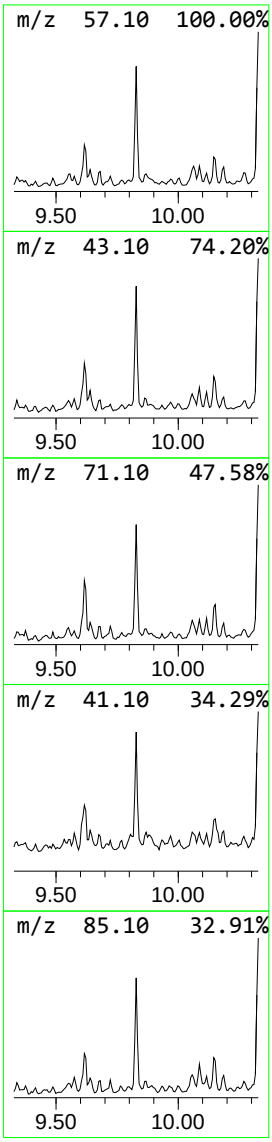
****

Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	9.21 ng	469681	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
3	Pentadecane	212	C15H32	000629-62-9	81
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

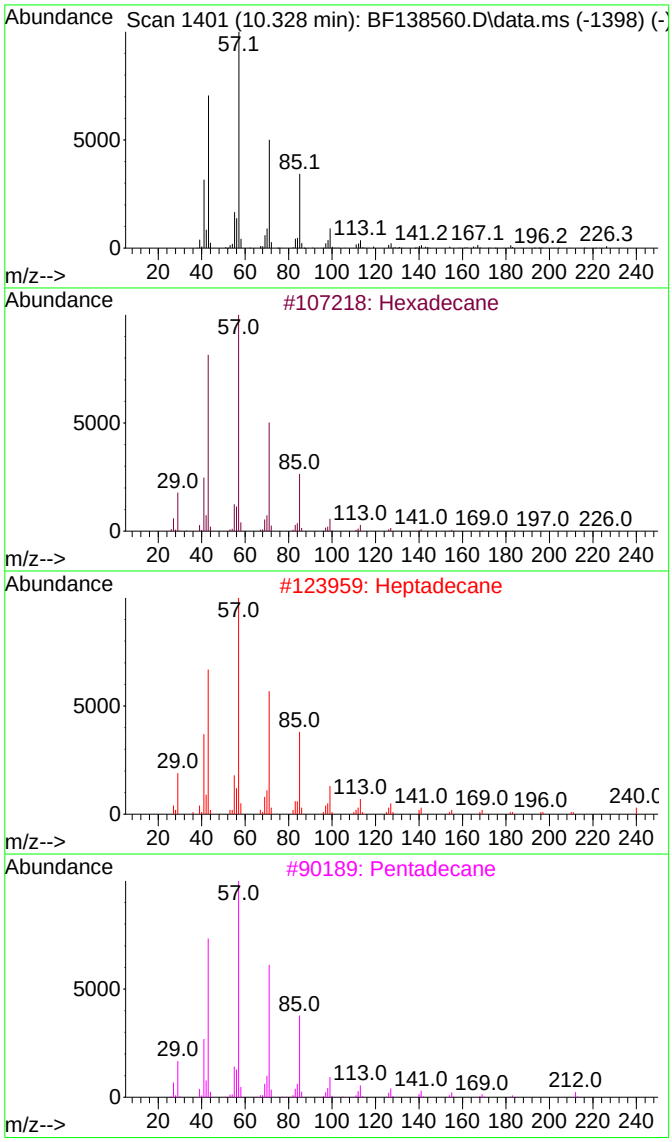
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

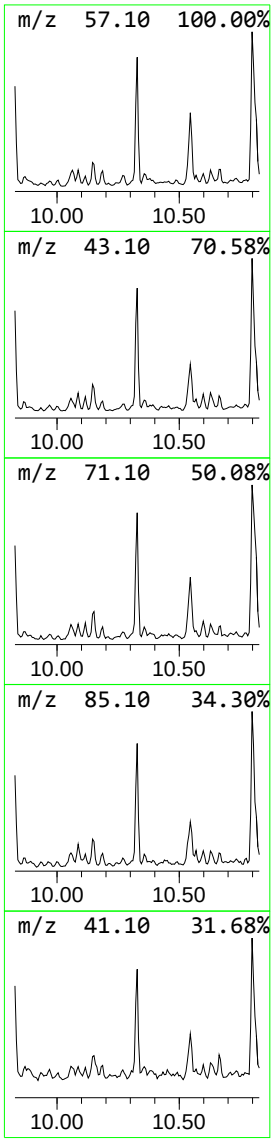
****

Peak Number 5 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	11.66 ng	594355	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	83





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Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07102024

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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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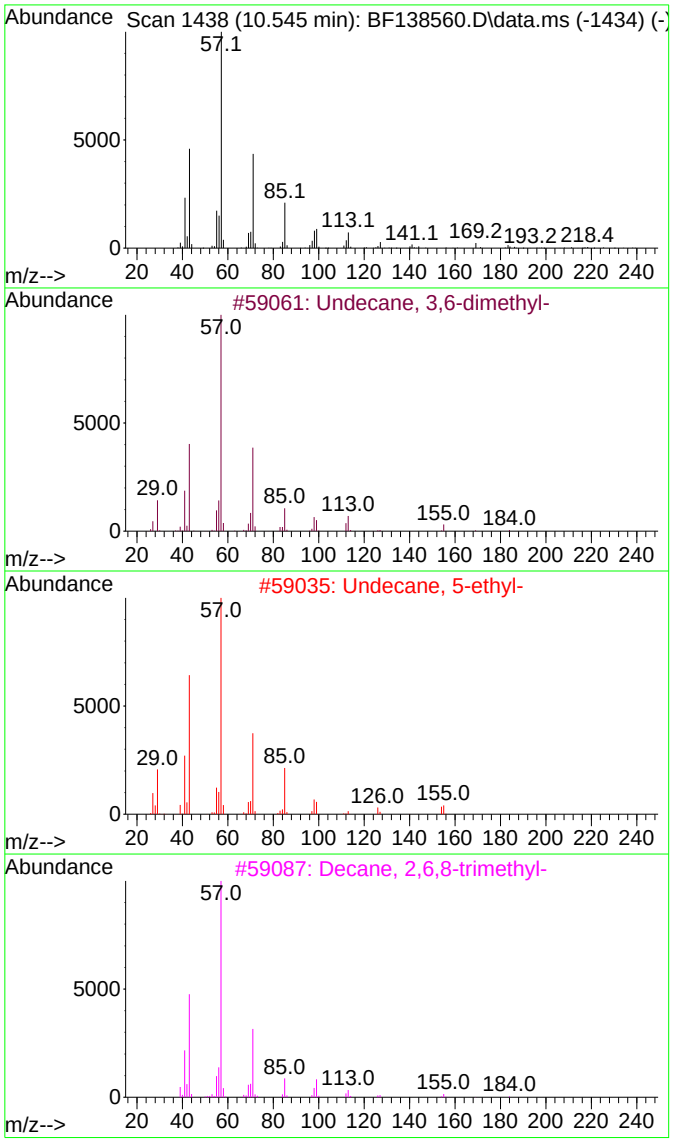
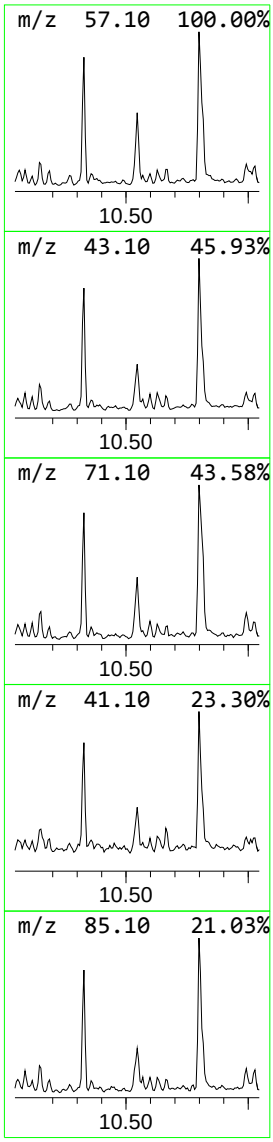
Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	8.59 ng	438100	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





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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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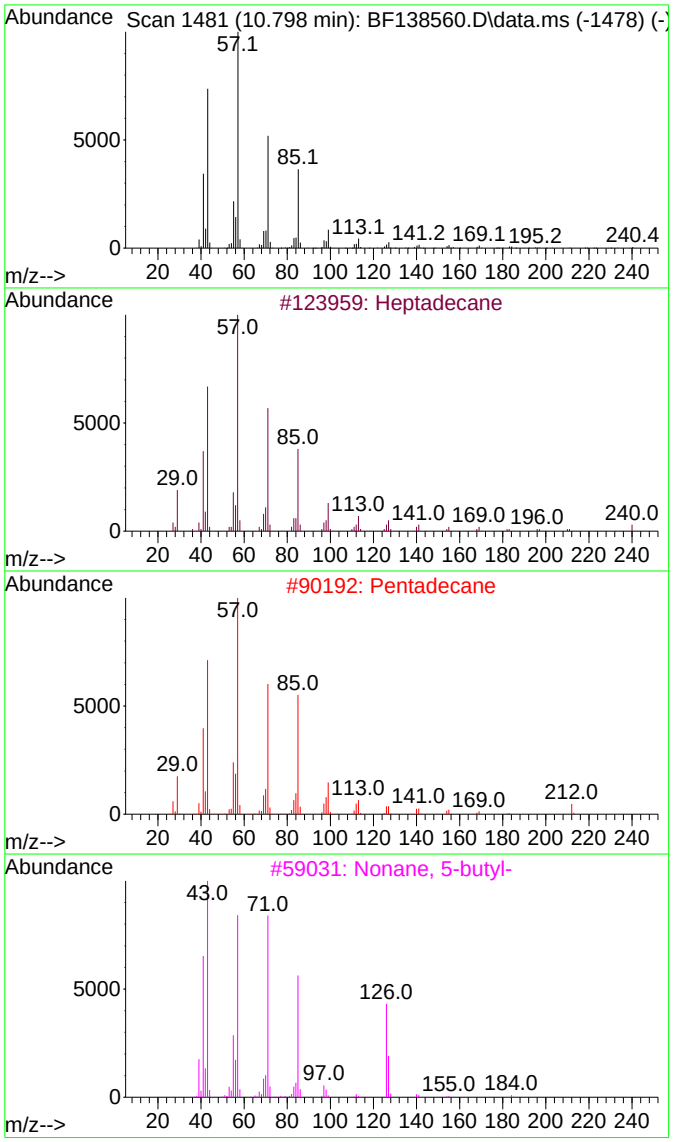
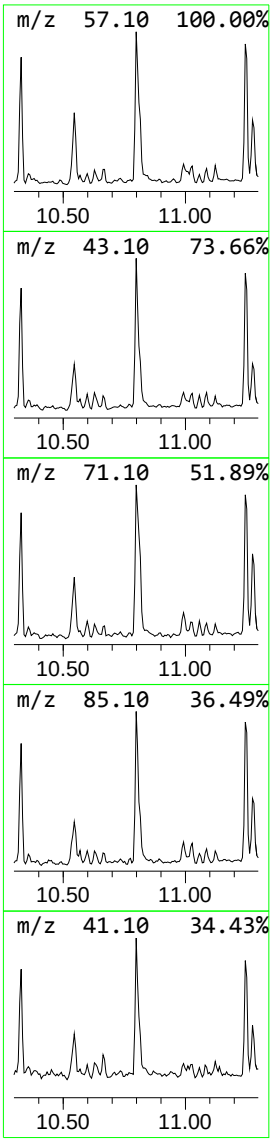
Peak Number 7 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	26.73 ng	1171150	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Nonadecane	268	C19H40	000629-92-5	87





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ALS Vial : 22 Sample Multiplier: 1

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

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

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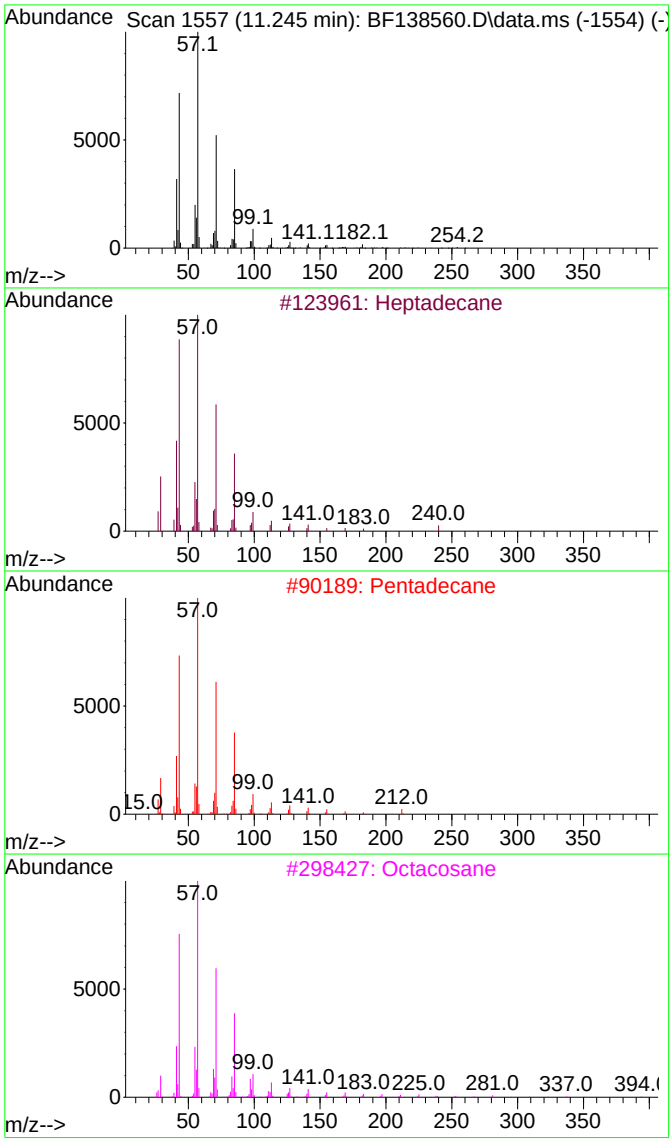
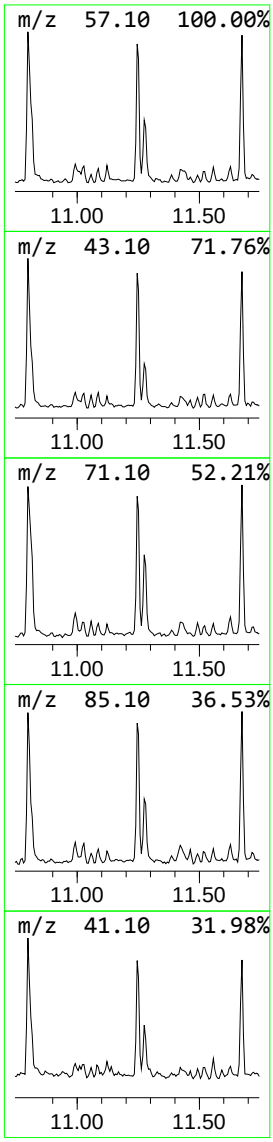
Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	18.63 ng	816110	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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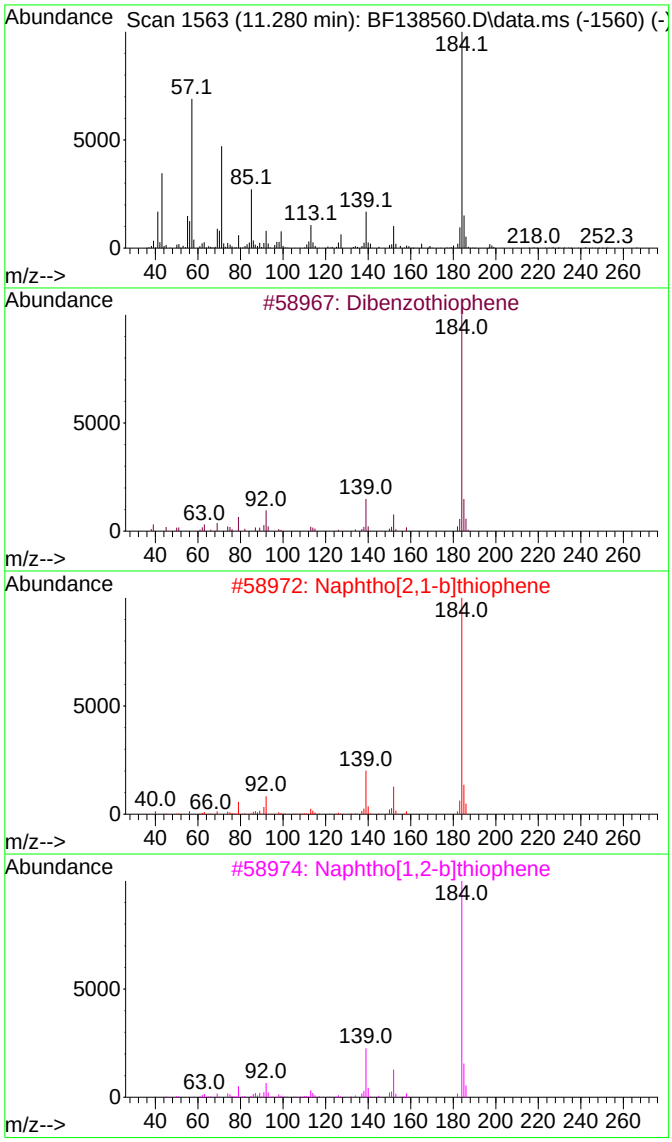
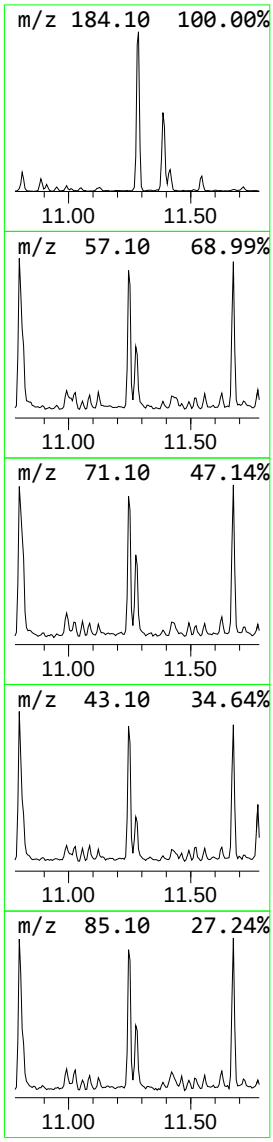
Peak Number 9 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	15.63 ng	684891	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	78
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	53





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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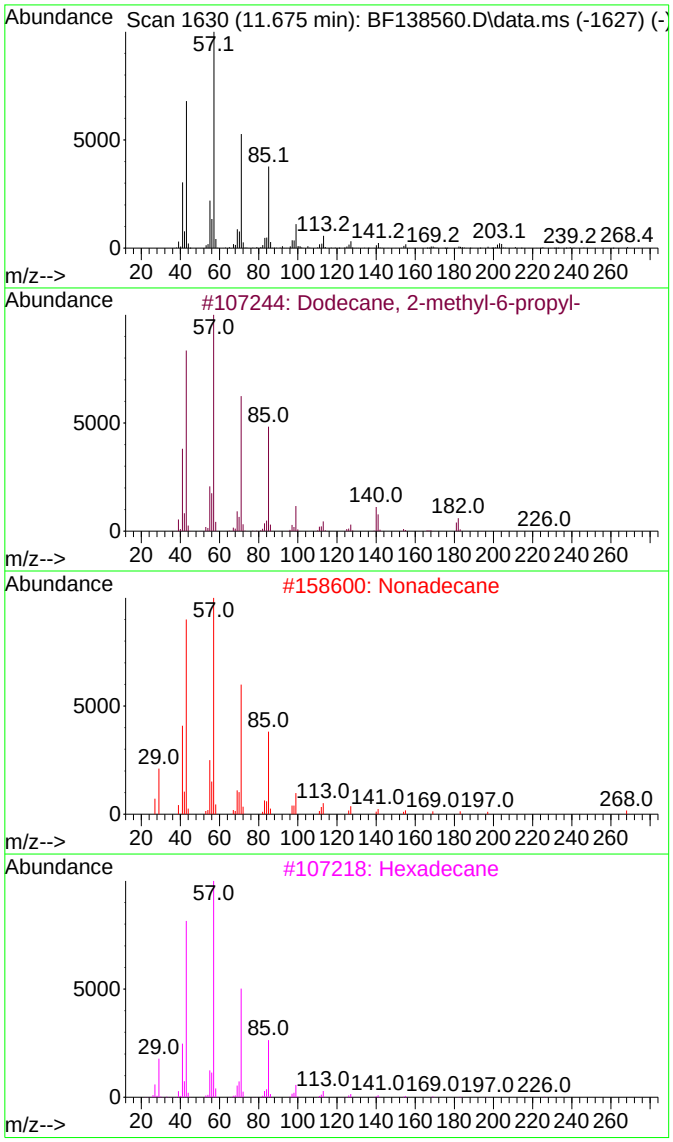
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

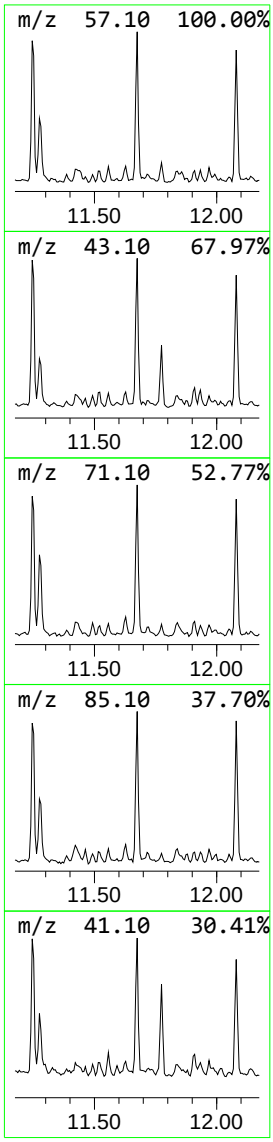
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	17.52 ng	767668	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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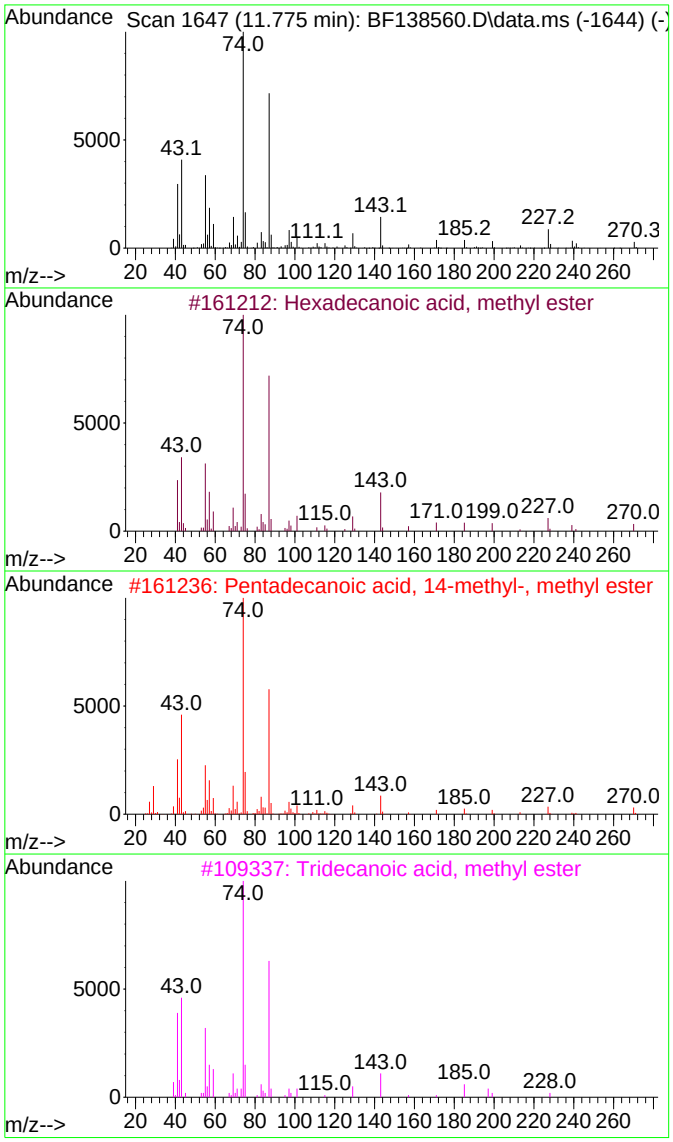
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

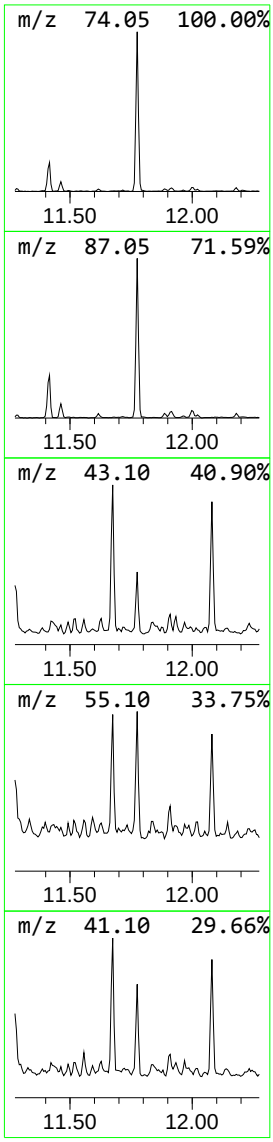
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	12.02 ng	526683	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

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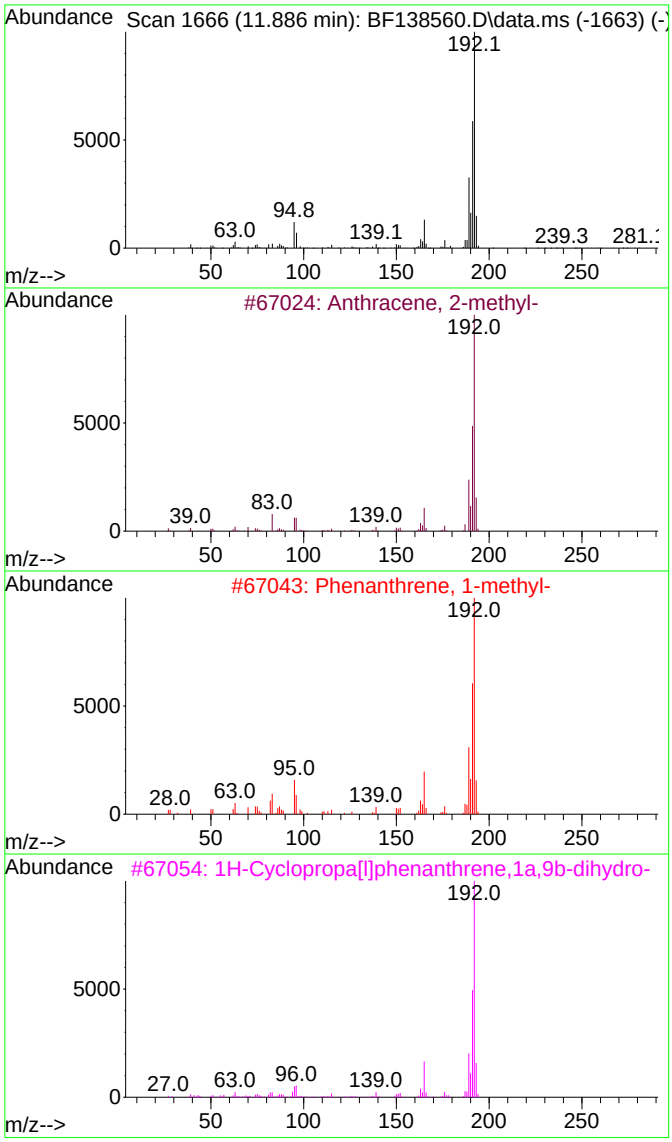
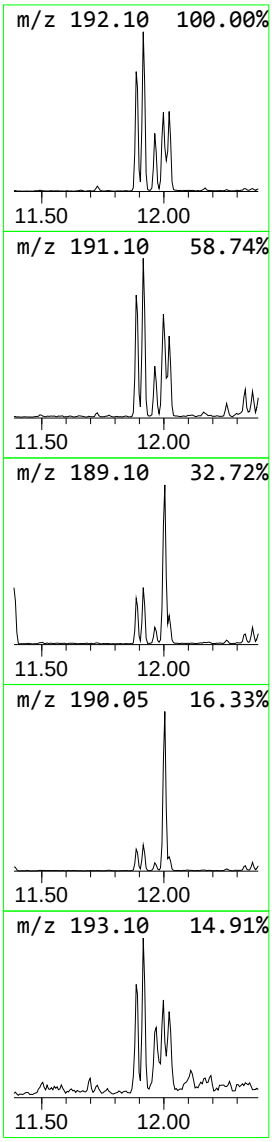
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	9.14 ng	400624	Phenanthrene-d10	11.386

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





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Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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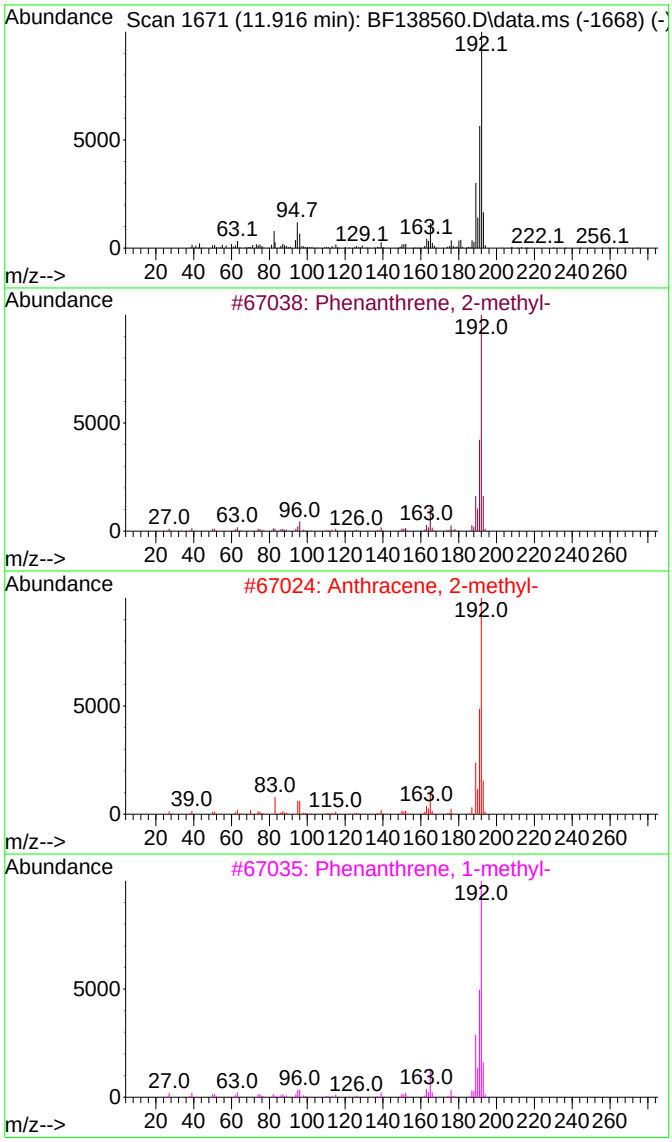
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

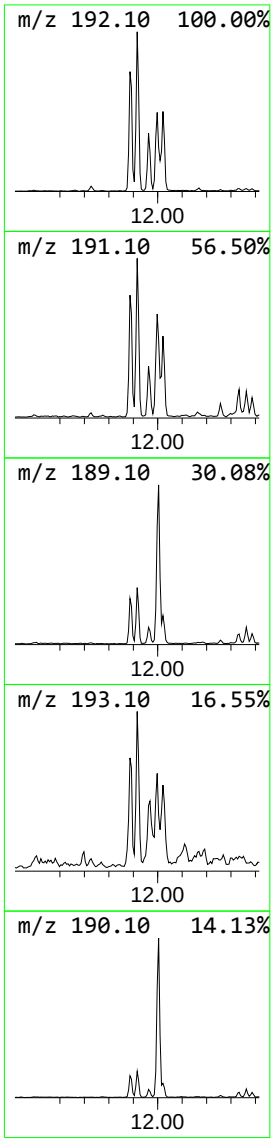
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	14.75 ng	646423	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

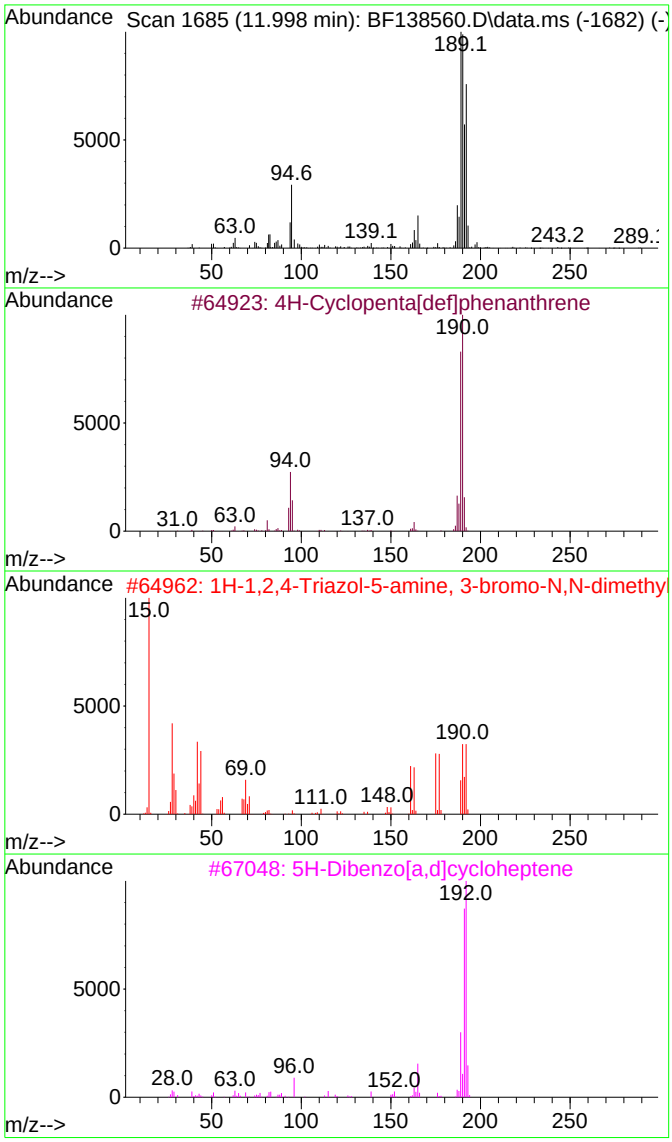
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

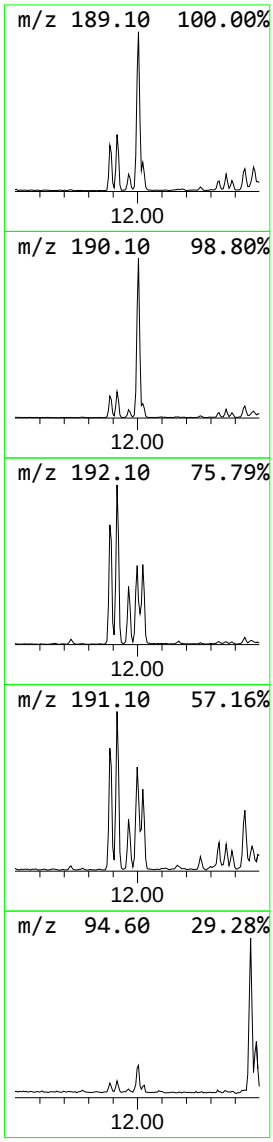
****

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	17.43 ng	763765	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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

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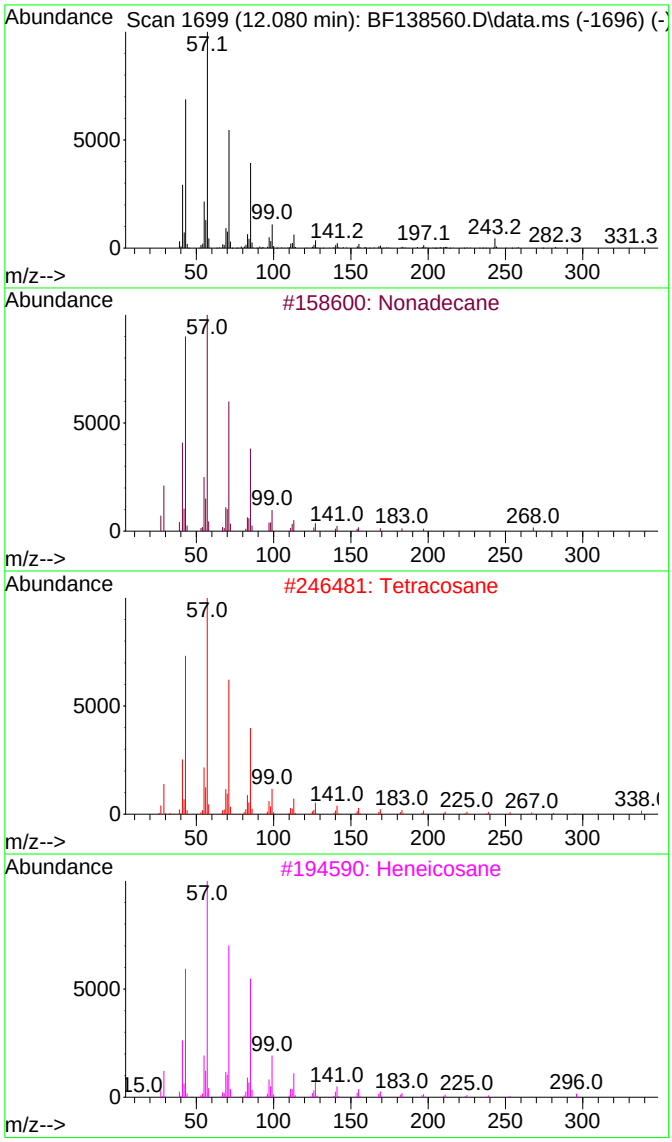
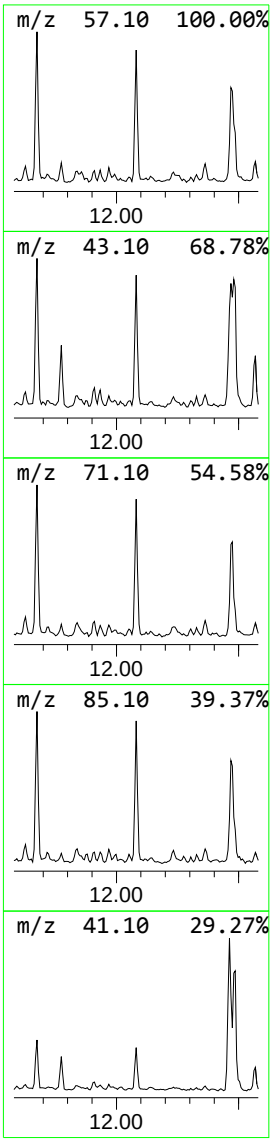
Peak Number 15 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	15.54 ng	680720	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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ALS Vial : 22 Sample Multiplier: 1

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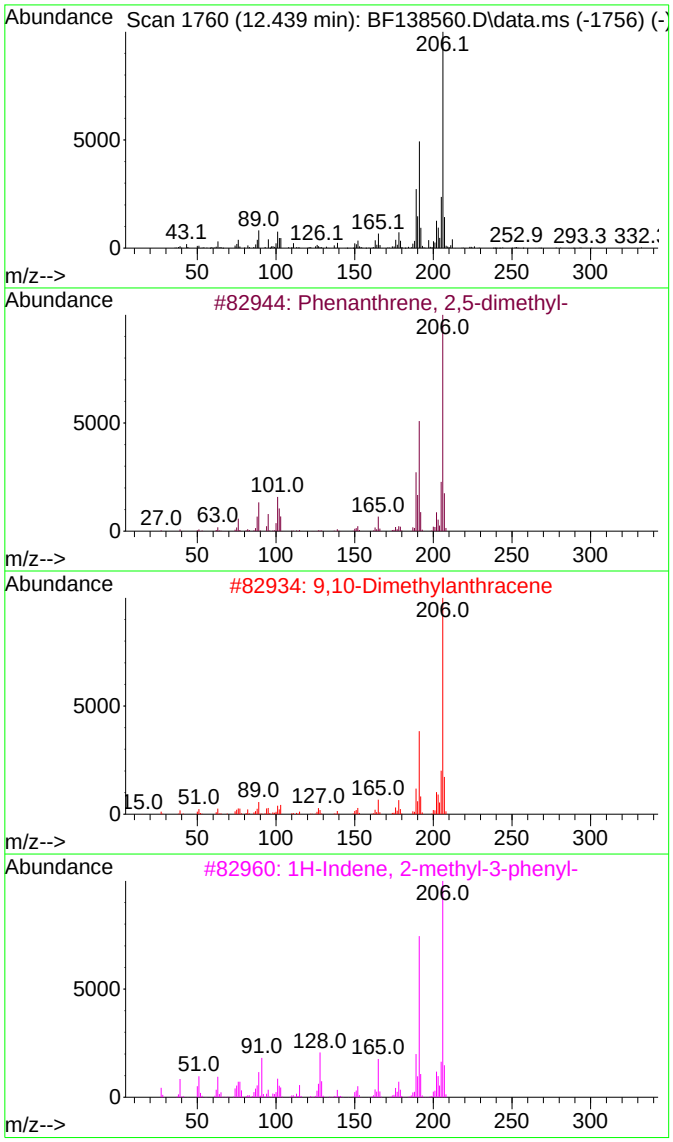
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

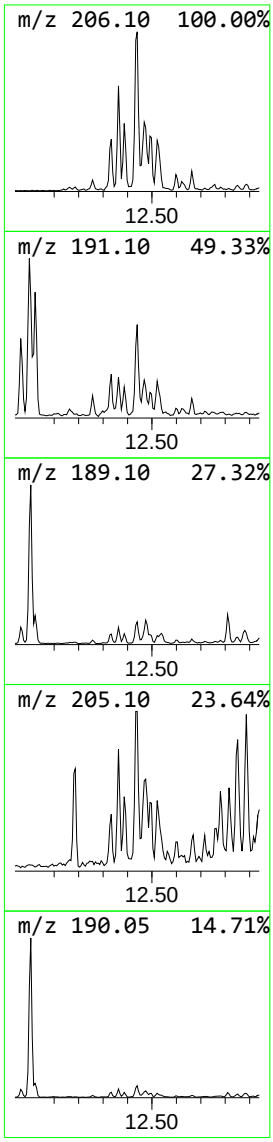
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	7.48 ng	327736	Phenanthrene-d10	11.386

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	94
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Acq On : 12 Jul 2024 22:10
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Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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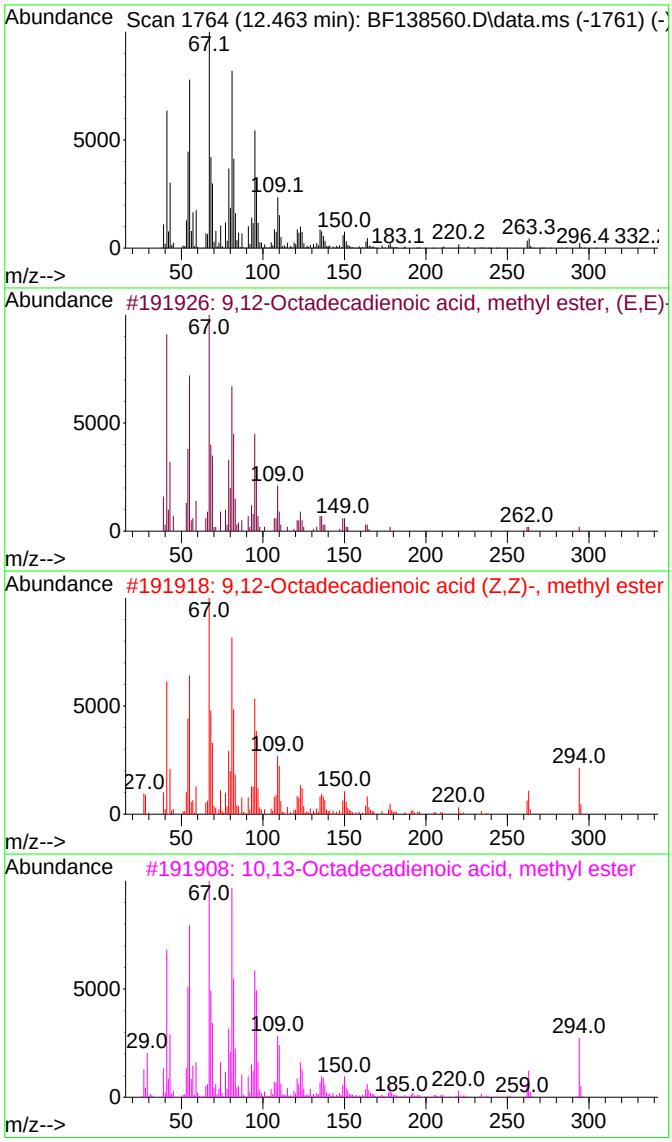
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

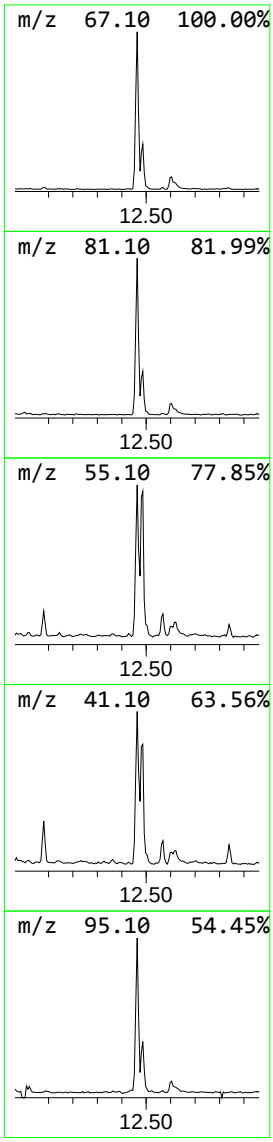
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	76.55 ng	3354260	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

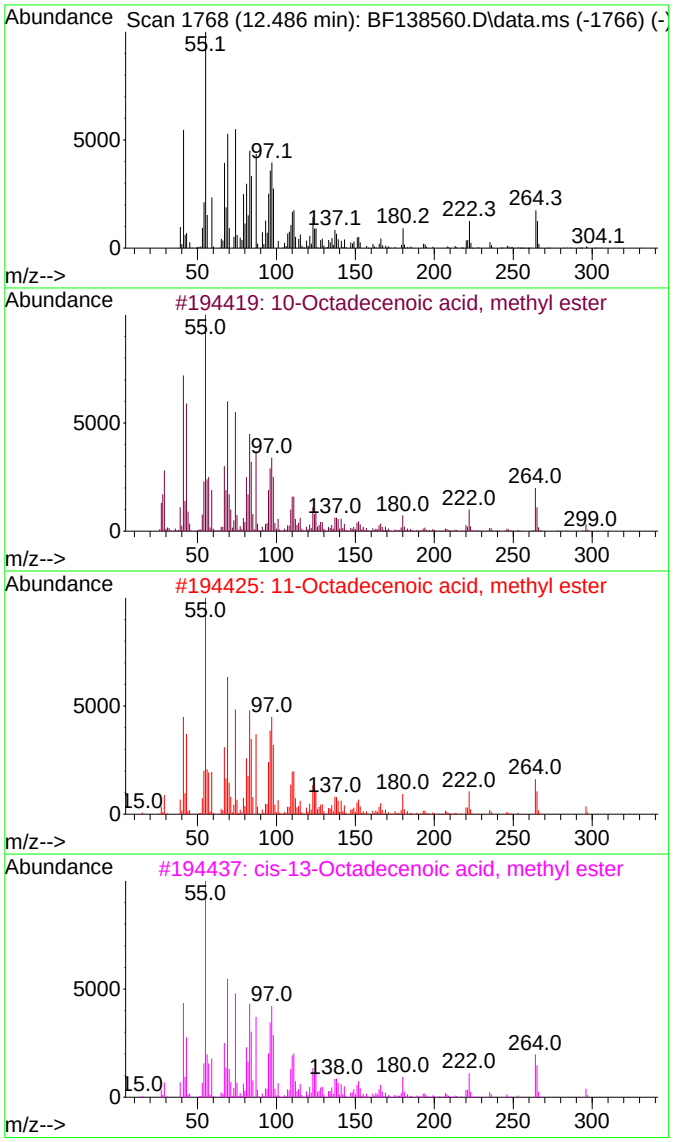
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

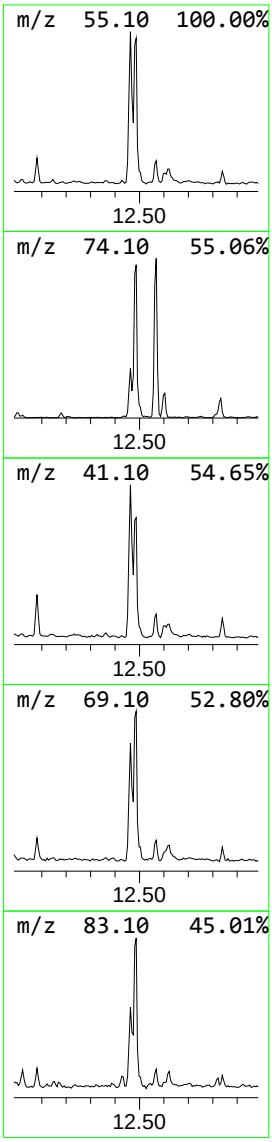
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	50.62 ng	2217980	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	94
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	94
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94





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Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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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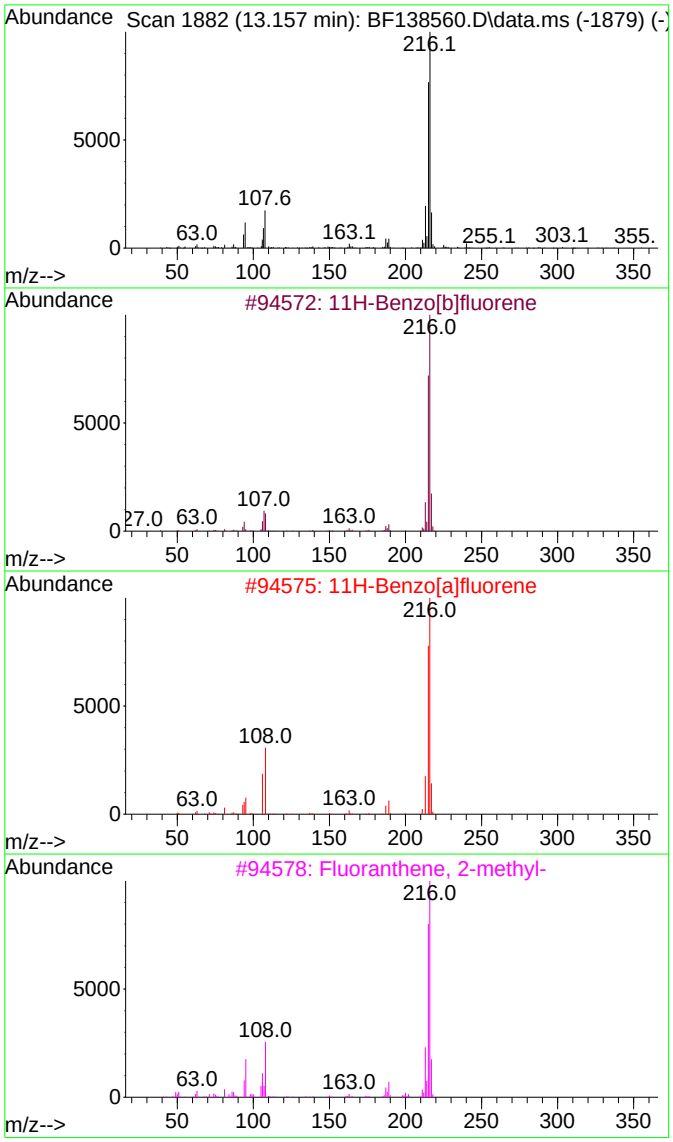
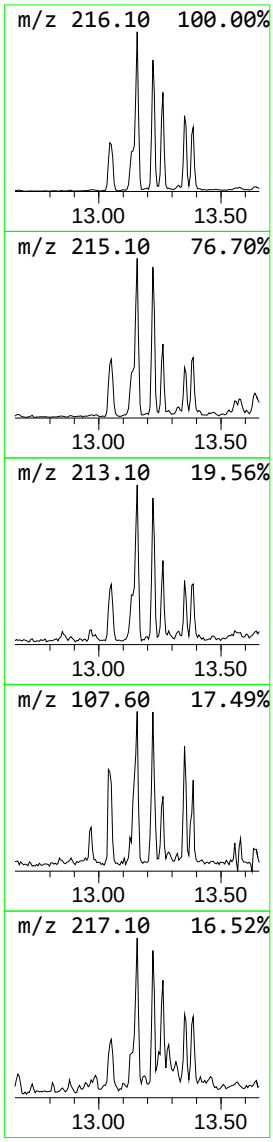
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	7.62 ng	399710	Chrysene-d12	14.027

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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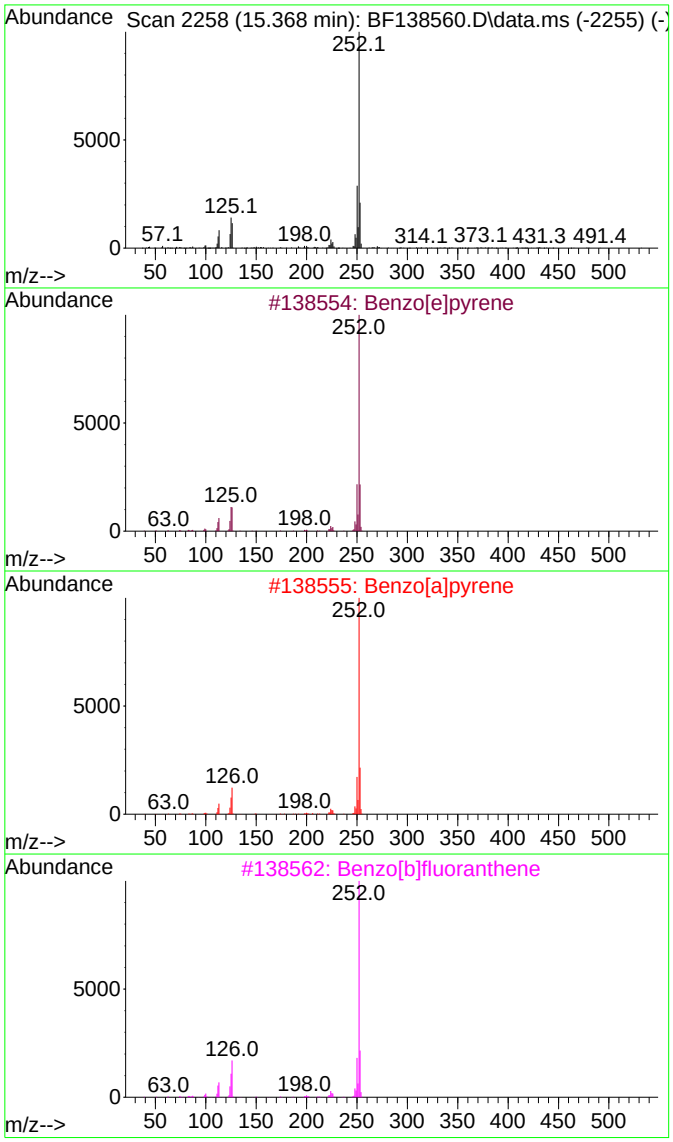
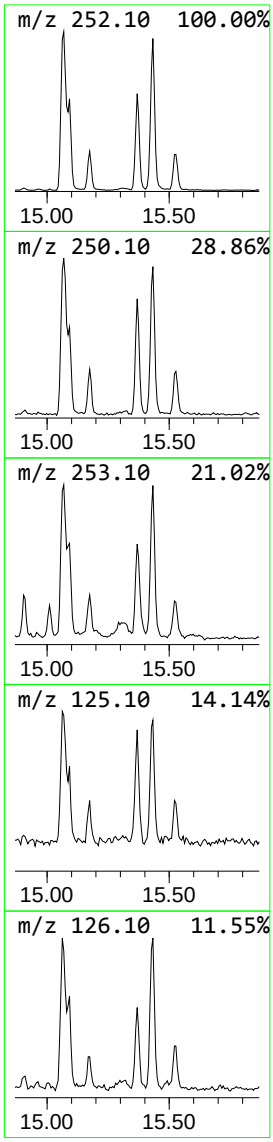
Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	15.23 ng	335300	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138560.D
Acq On : 12 Jul 2024 22:10
Operator : CG\JU
Sample : P3211-03 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-07102024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.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...	2.116	19.5	ng	545983	1	6.869	560247	20.0
Naphthalene, 1,...	9.486	7.2	ng	368855	3	9.904	1019740	20.0
Naphthalene, 2,...	9.557	8.4	ng	429928	3	9.904	1019740	20.0
Hexadecane	9.828	9.2	ng	469681	3	9.904	1019740	20.0
Heptadecane	10.328	11.7	ng	594355	3	9.904	1019740	20.0
Undecane, 3,6-d...	10.545	8.6	ng	438100	3	9.904	1019740	20.0
Pentadecane	10.798	26.7	ng	1171150	4	11.386	876349	20.0
Octacosane	11.245	18.6	ng	816110	4	11.386	876349	20.0
Dibenzothiophene	11.281	15.6	ng	684891	4	11.386	876349	20.0
Dodecane, 2-met...	11.675	17.5	ng	767668	4	11.386	876349	20.0
Hexadecanoic ac...	11.775	12.0	ng	526683	4	11.386	876349	20.0
Anthracene, 2-m...	11.886	9.1	ng	400624	4	11.386	876349	20.0
Phenanthrene, 2...	11.916	14.8	ng	646423	4	11.386	876349	20.0
4H-Cyclopenta[d...	11.998	17.4	ng	763765	4	11.386	876349	20.0
Nonadecane	12.080	15.5	ng	680720	4	11.386	876349	20.0
Phenanthrene, 2...	12.439	7.5	ng	327736	4	11.386	876349	20.0
9,12-Octadecadi...	12.463	76.5	ng	3354260	4	11.386	876349	20.0
10-Octadecenoic...	12.486	50.6	ng	2217980	4	11.386	876349	20.0
11H-Benzo[b]flu...	13.157	7.6	ng	399710	5	14.027	1049380	20.0
Benzo[e]pyrene	15.368	15.2	ng	335300	6	15.498	440199	20.0