LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142561.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	8	14	22	rVB	18465	31112	1.68%	0.099%
2	3.981	293	304	311	rBV	15656	25878	1.40%	0.082%
3	5.110	490	496	509	rVB	144036	212360	11.48%	0.675%
4	5.510	555	564	569	rBV	1197972	1572942	85.05%	4.997%
5	6.516	727	735	742	rBV	1223167	1632720	88.28%	5.187%
6	6.728	766	771	779	rBV3	16226	26241	1.42%	0.083%
7	6.898	795	800	805	rVB	518830	641115	34.66%	2.037%
8	7.163	840	845	850	rVB3	17263	28459	1.54%	0.090%
9	7.210	850	853	861	rVB3	11178	20841	1.13%	0.066%
10	7.292	861	867	870	rBV5	17177	28522	1.54%	0.091%
11	7.457	885	895	900	rBV	836013	1098759	59.41%	3.491%
12	7.539	905	909	913	rVB4	21731	30757	1.66%	0.098%
13	7.592	913	918	924	rBV6	11682	31833	1.72%	0.101%
14	7.704	934	937	945	rVB3	35950	54864	2.97%	0.174%
15	7.781	945	950	951	rBV3	16645	22304	1.21%	0.071%
16	7.822	954	957	961	rVB4	16957	20977	1.13%	0.067%
17	7.916	967	973	977	rBV2	43307	72265	3.91%	0.230%
18	8.045	992	995	999	rBV4	15899	19959	1.08%	0.063%
19	8.128	1005	1009	1012	rBV3	17272	29627	1.60%	0.094%
20	8.181	1012	1018	1020	rBV	682875	960997	51.96%	3.053%
21	8.204	1020	1022	1026	rVB	578278	587604	31.77%	1.867%
22	8.351	1041	1047	1050	rBV4	15155	33295	1.80%	0.106%
23	8.386	1050	1053	1057	rVV2	18900	26774	1.45%	0.085%
24	8.469	1064	1067	1073	rVB5	28655	40452	2.19%	0.129%
25	8.563	1080	1083	1086	rBV4	16533	20209	1.09%	0.064%
26	8.598	1086	1089	1092	rBV	41665	55734	3.01%	0.177%
27	8.686	1101	1104	1107	rBV3	17537	22383	1.21%	0.071%
28	8.769	1115	1118	1121	rBV2	20502	25240	1.36%	0.080%
29	8.892	1135	1139	1143	rVB	462319	544345	29.43%	1.729%
30	8.945	1143	1148	1151	rBV3	16233	27024	1.46%	0.086%
31	8.992	1151	1156	1160	rVB	327184	397848	21.51%	1.264%
32	9.063	1164	1168	1170	rBV3	19475	30861	1.67%	0.098%
33	9.198	1188	1191	1195	rVB2	52803	63512	3.43%	0.202%
34	9.257	1195	1201	1206	rVB	1452921	1849534	100.00%	5.876%
35	9.357	1210	1218	1223	rBV	129454	239577	12.95%	0.761%
36	9.451	1230	1234	1240	rVB	74920	114729	6.20%	0.365%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.522	1241	1246	1250	rBV	172770	264046	14.28%	0.839%
38	9.592	1254	1258	1261	rVV	244475	350857	18.97%	1.115%
39	9.622	1261	1263	1265	rVV	141547	155361	8.40%	0.494%
40	9.651	1265	1268	1274	rVV4	109818	159914	8.65%	0.508%
41	9.710	1274	1278	1288	rVB	108116	189359	10.24%	0.602%
42	9.798	1288	1293	1297	rBV	122563	164343	8.89%	0.522%
43	9.845	1298	1301	1306	rVB2	43888	57765	3.12%	0.184%
44	9.939	1309	1317	1320	rBV	690383	1043815	56.44%	3.316%
45	9.969	1320	1322	1326	rVB	443059	464990	25.14%	1.477%
46	10.039	1331	1334	1338	rBV3	48052	69033	3.73%	0.219%
47	10.092	1339	1343	1346	rVV3	32745	53808	2.91%	0.171%
48	10.139	1346	1351	1355	rVV2	262471	349503	18.90%	1.110%
49	10.174	1355	1357	1366	rVB	83473	127977	6.92%	0.407%
50	10.251	1366	1370	1373	rBV2	86782	125885	6.81%	0.400%
51	10.280	1373	1375	1381	rVB	54111	61387	3.32%	0.195%
52	10.339	1381	1385	1392	rVB3	70509	141654	7.66%	0.450%
53	10.486	1405	1410	1415	rVB	327877	449193	24.29%	1.427%
54	10.574	1416	1425	1431	rBV5	60995	193249	10.45%	0.614%
55	10.645	1433	1437	1442	rVB2	349052	477073	25.79%	1.516%
56	10.727	1445	1451	1455	rBV	817354	1076481	58.20%	3.420%
57	10.851	1467	1472	1478	rVB	118857	176291	9.53%	0.560%
58	10.922	1481	1484	1487	rVV2	34301	46762	2.53%	0.149%
59	10.957	1487	1490	1494	rVV	70453	90912	4.92%	0.289%
60	11.027	1497	1502	1505	rVV	94587	164564	8.90%	0.523%
61	11.057	1505	1507	1514	rVV2	66844	114010	6.16%	0.362%
62	11.116	1514	1517	1520	rVB	44531	51295	2.77%	0.163%
63	11.321	1548	1552	1558	rVB2	117370	165583	8.95%	0.526%
64	11.427	1565	1570	1571	rBV	620486	742379	40.14%	2.359%
65	11.451	1571	1574	1578	rVV	1112631	1381539	74.70%	4.389%
66	11.498	1578	1582	1586	rVV	209926	267891	14.48%	0.851%
67	11.533	1586	1588	1592	rVB	42993	49062	2.65%	0.156%
68	11.657	1605	1609	1616	rBV	145046	198901	10.75%	0.632%
69	11.757	1623	1626	1632	rVB2	38292	50758	2.74%	0.161%
70	11.927	1651	1655	1657	rBV	213984	309457	16.73%	0.983%
71	11.951	1657	1659	1664	rVV	323454	410355	22.19%	1.304%
72	12.004	1664	1668	1670	rVV2	59410	84710	4.58%	0.269%
73	12.039	1670	1674	1682	rVB2	322145	599828	32.43%	1.906%
74	12.221	1702	1705	1715	rVB3	81986	155961	8.43%	0.496%
75	12.368	1727	1730	1733	rBV2	43637	52900	2.86%	0.168%
76	12.404	1733	1736	1738	rBV	65452	72485	3.92%	0.230%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.474	1744	1748	1752	rBV	176950	261672	14.15%	0.831%
78	12.510	1752	1754	1760	rVV2	116141	187403	10.13%	0.595%
79	12.563	1760	1763	1772	rVB3	60712	111210	6.01%	0.353%
80	12.639	1772	1776	1781	rBV	810987	1003088	54.23%	3.187%
81	12.686	1781	1784	1785	rBV2	28966	32560	1.76%	0.103%
82	12.733	1789	1792	1795	rVV2	40085	42781	2.31%	0.136%
83	12.868	1809	1815	1821	rBV	770379	1212201	65.54%	3.851%
84	12.921	1821	1824	1828	rVB2	78898	103963	5.62%	0.330%
85	13.010	1834	1839	1847	rVB	1186206	1620198	87.60%	5.148%
86	13.086	1848	1852	1859	rBV4	91559	191329	10.34%	0.608%
87	13.198	1864	1871	1874	rVB	170500	311304	16.83%	0.989%
88	13.263	1879	1882	1885	rVV2	149359	189207	10.23%	0.601%
89	13.304	1885	1889	1896	rVB3	124915	219004	11.84%	0.696%
90	13.392	1901	1904	1907	rBV	83158	102094	5.52%	0.324%
91	13.427	1907	1910	1913	rVB	68858	79545	4.30%	0.253%
92	13.910	1989	1992	2002	rVB4	132786	247839	13.40%	0.787%
93	14.068	2013	2019	2022	rBV2	763501	1353897	73.20%	4.301%
94	14.533	2095	2098	2103	rBV4	81343	145138	7.85%	0.461%
95	15.127	2194	2199	2207	rBV	279680	643700	34.80%	2.045%
96	15.192	2208	2210	2214	rVB2	91591	115674	6.25%	0.368%
97	15.433	2248	2251	2257	rVB	162464	247368	13.37%	0.786%
98	15.498	2258	2262	2268	rVV	228259	350208	18.93%	1.113%
99	15.562	2269	2273	2285	rVB2	370400	722920	39.09%	2.297%
100	17.068	2524	2529	2539	rVB2	78440	178022	9.63%	0.566%

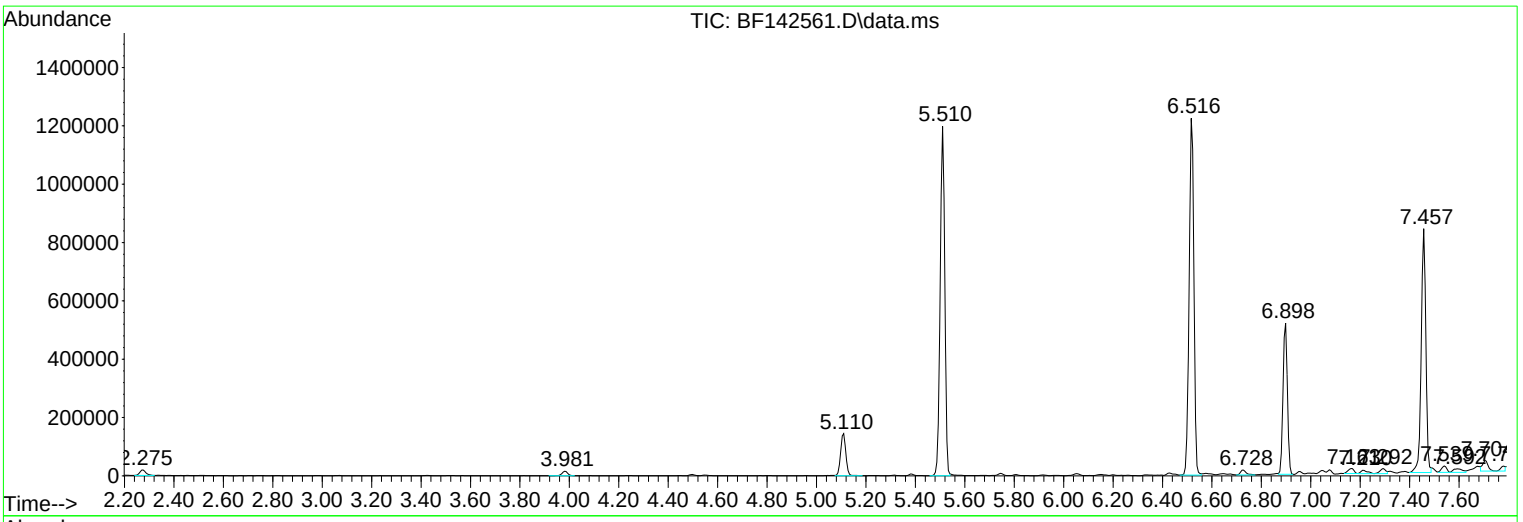
Sum of corrected areas: 31475314

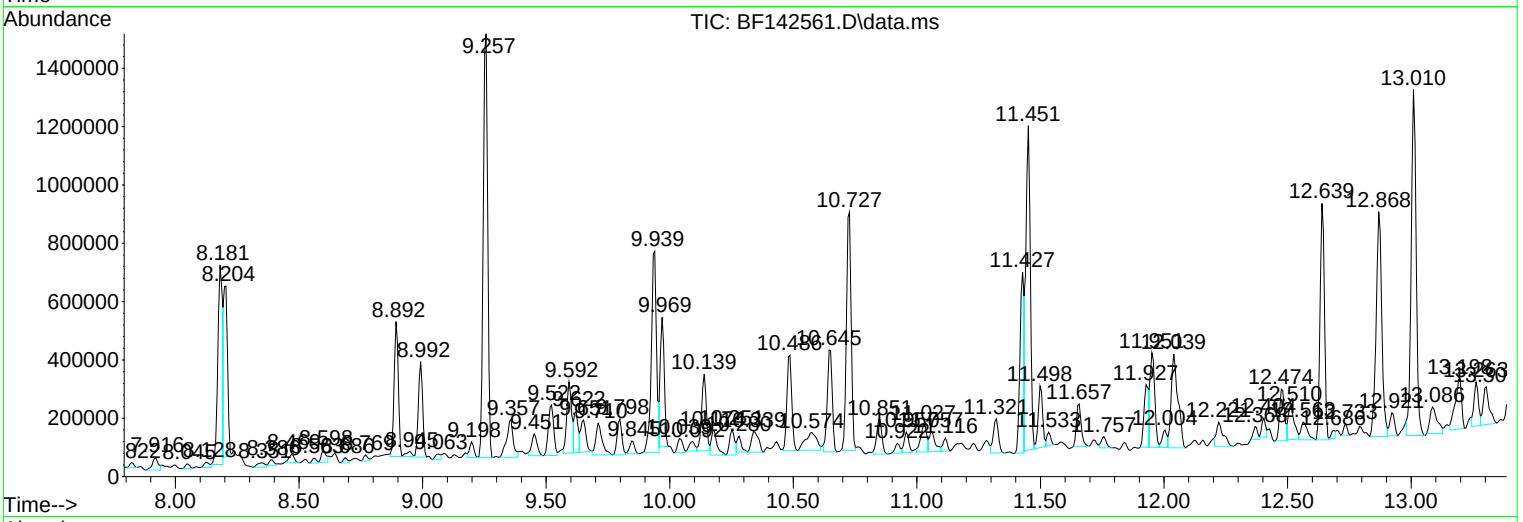
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

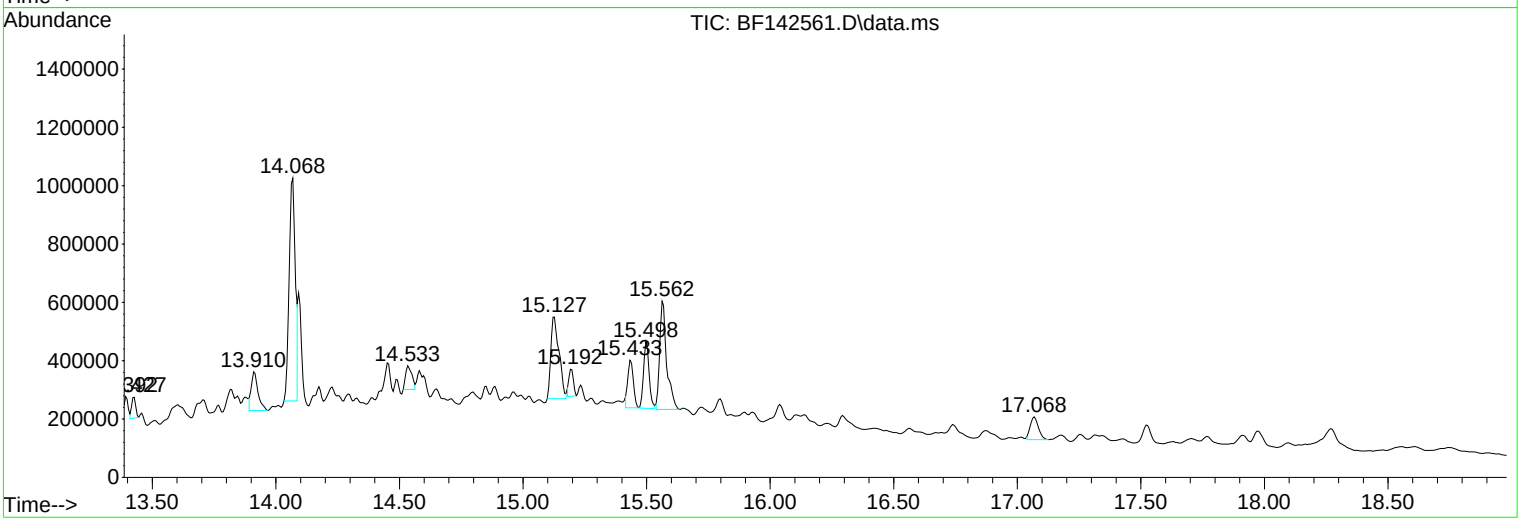
Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

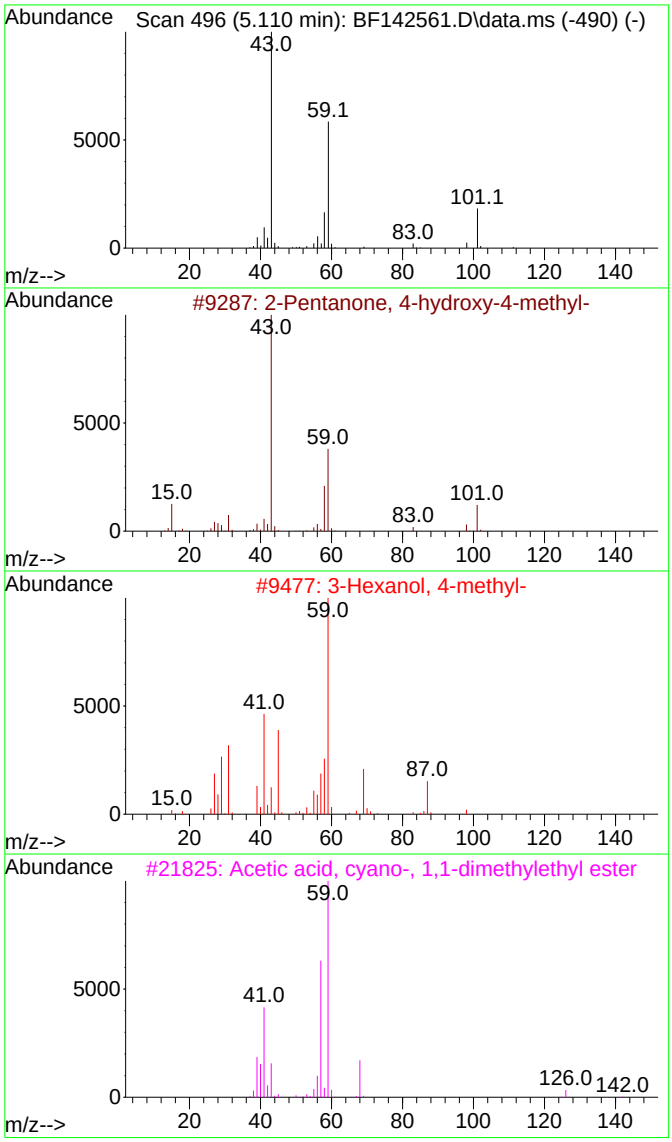
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

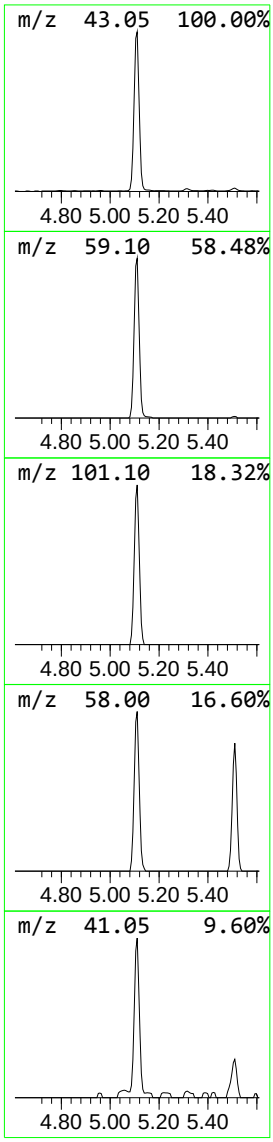
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	6.62 ng	212360	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

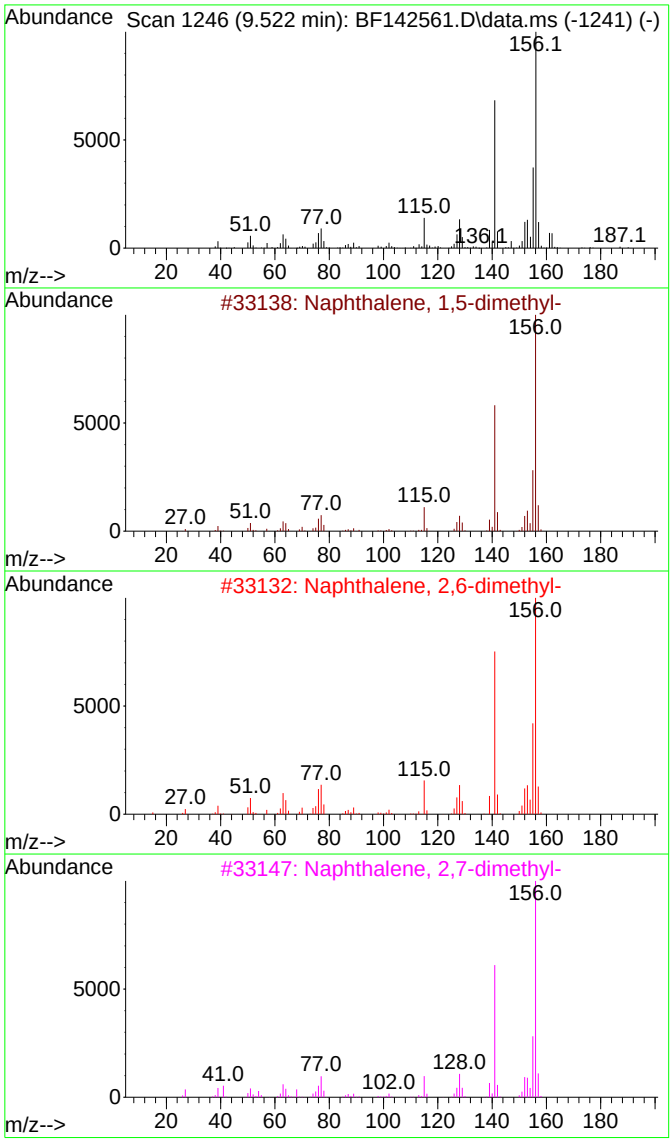
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

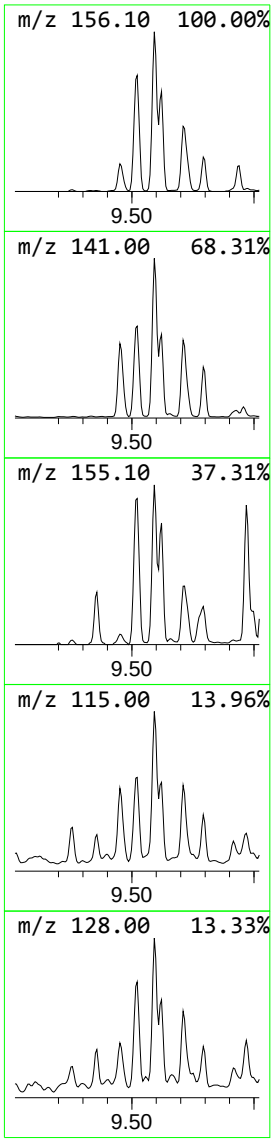
****

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	5.06 ng	264046	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

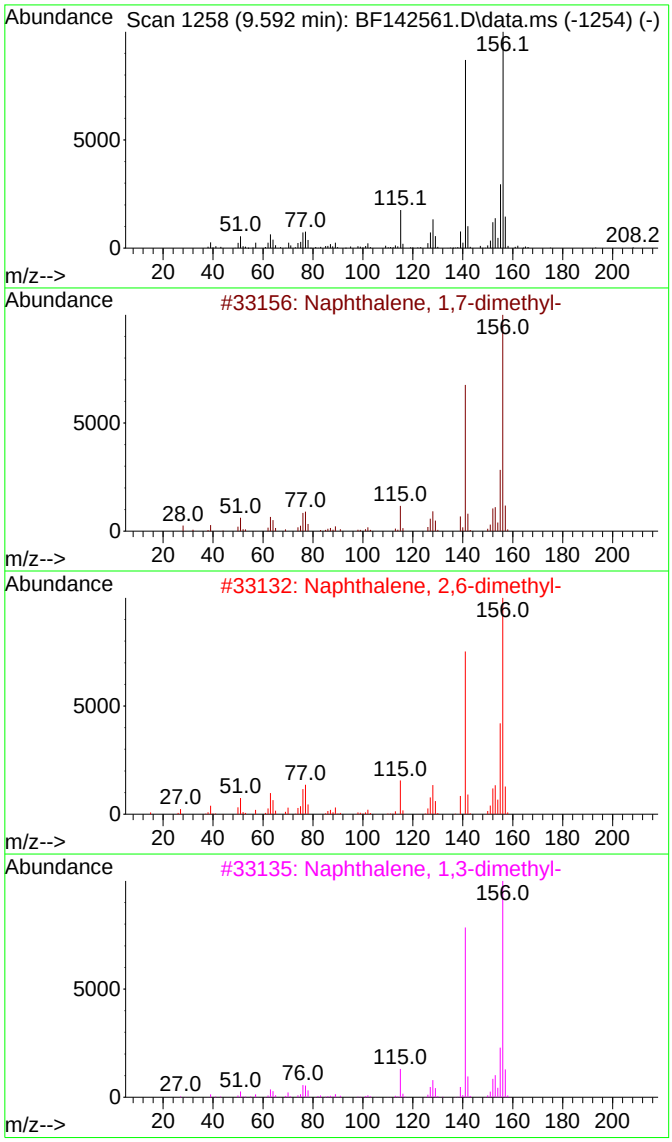
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

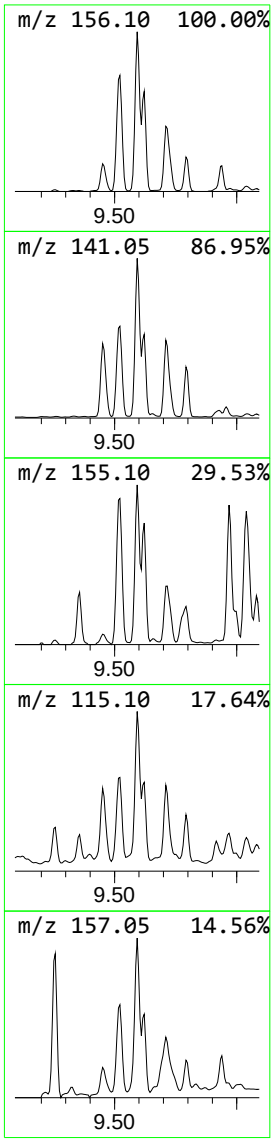
****

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	6.72 ng	350857	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

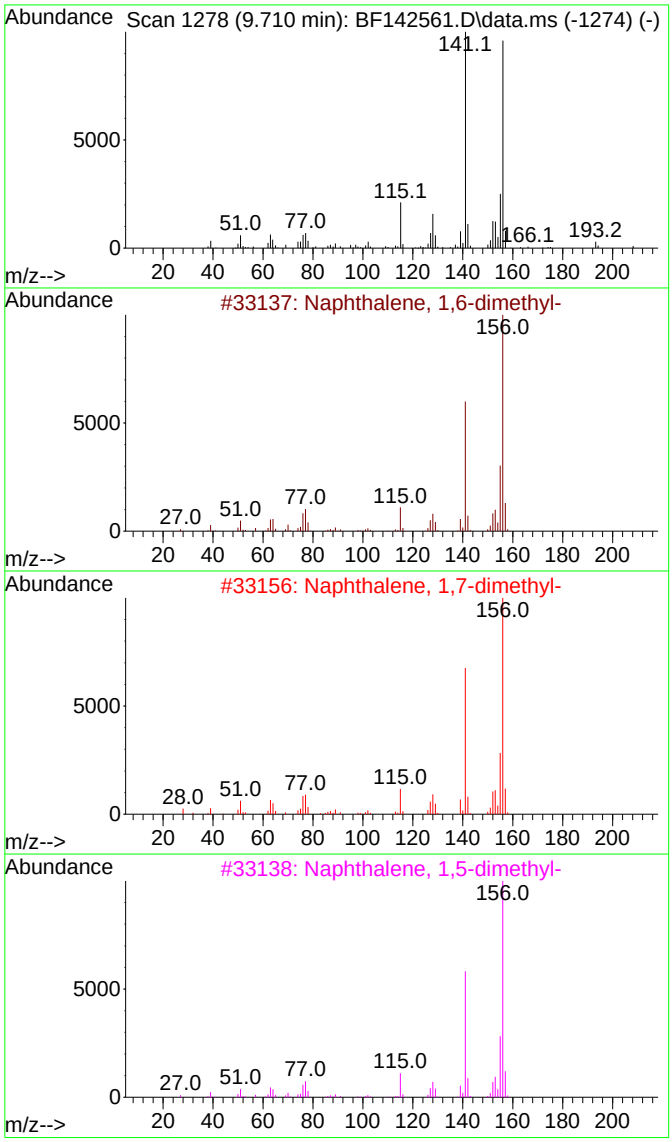
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

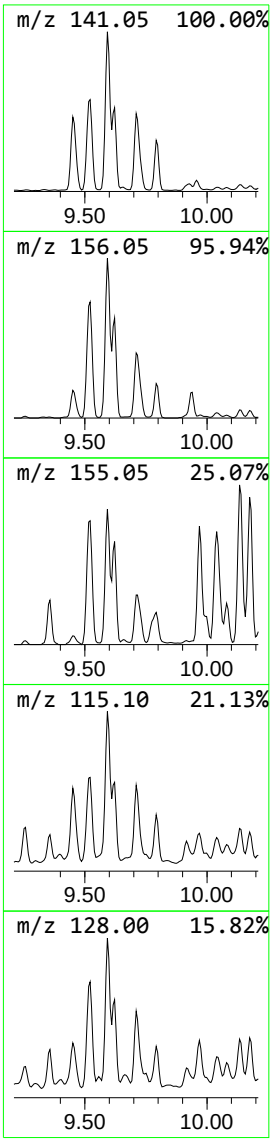
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	3.63 ng	189359	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

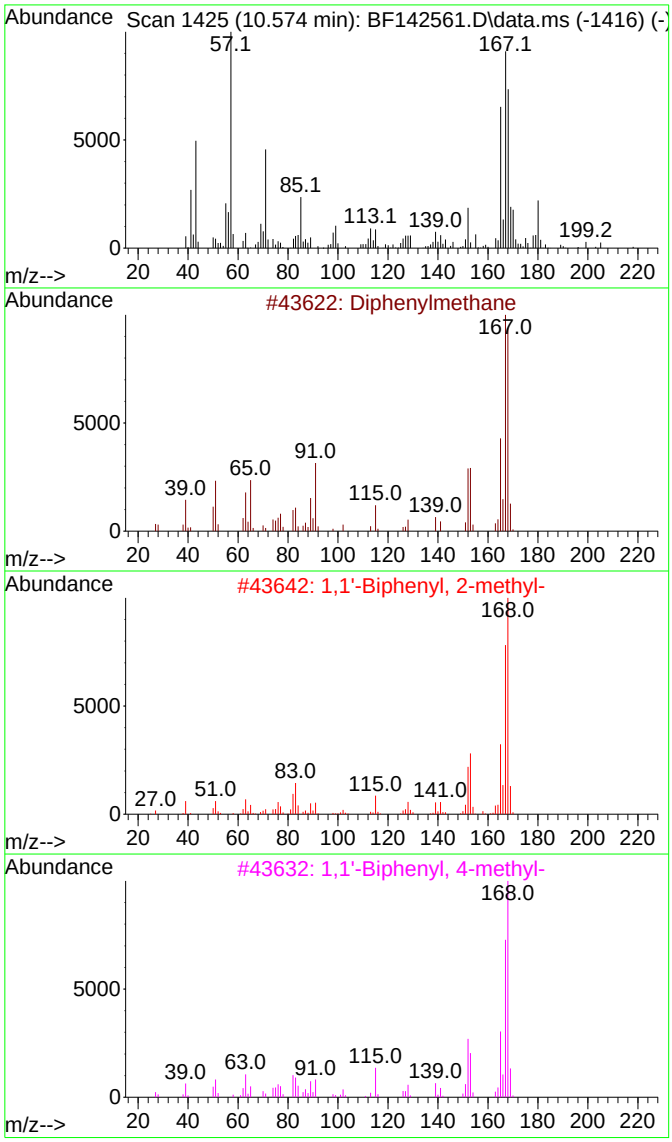
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

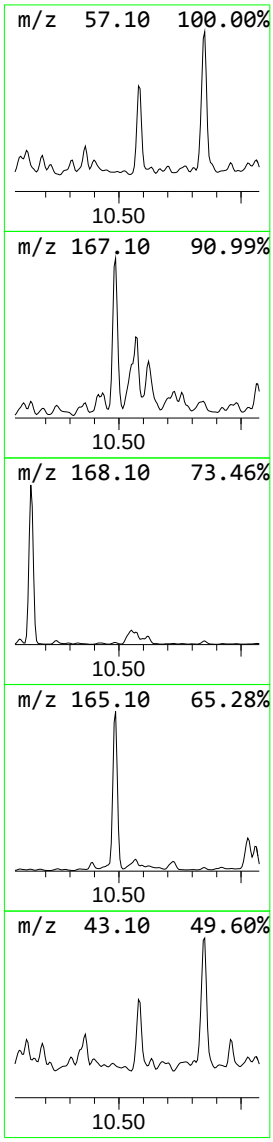
****

Peak Number 5 Diphenylmethane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	3.70 ng	193249	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	55
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	42
4	Benzene, 1,1'-[(methylthio)methy...	214	C14H14S	015733-08-1	27
5	Benzenemethanethiol, .alpha.-phe...	200	C13H12S	004237-48-3	27





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Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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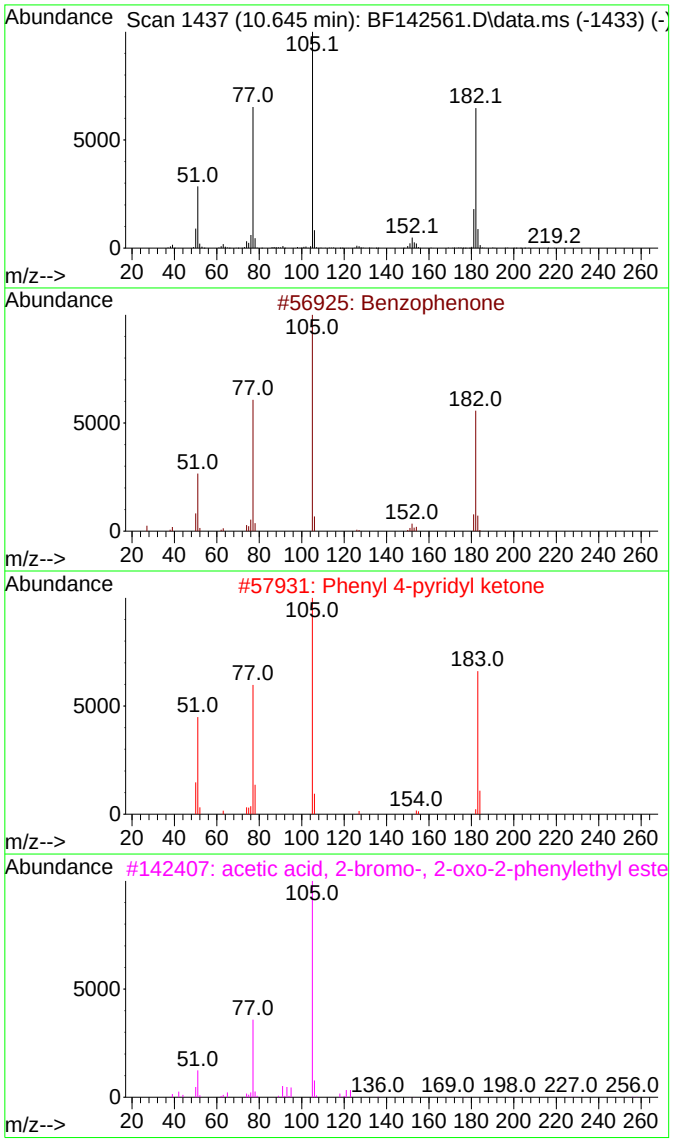
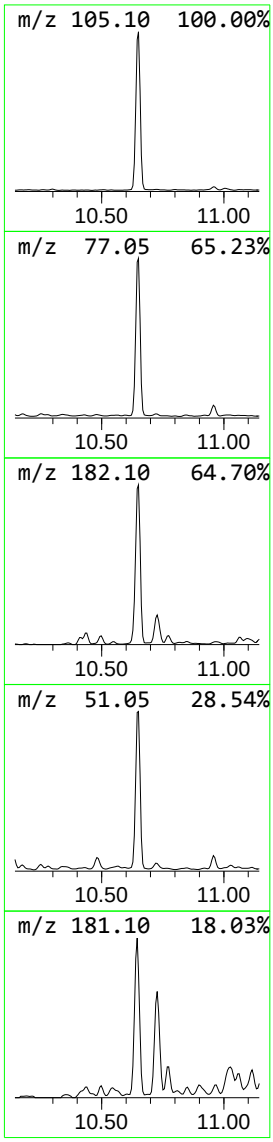
Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	9.14 ng	477073	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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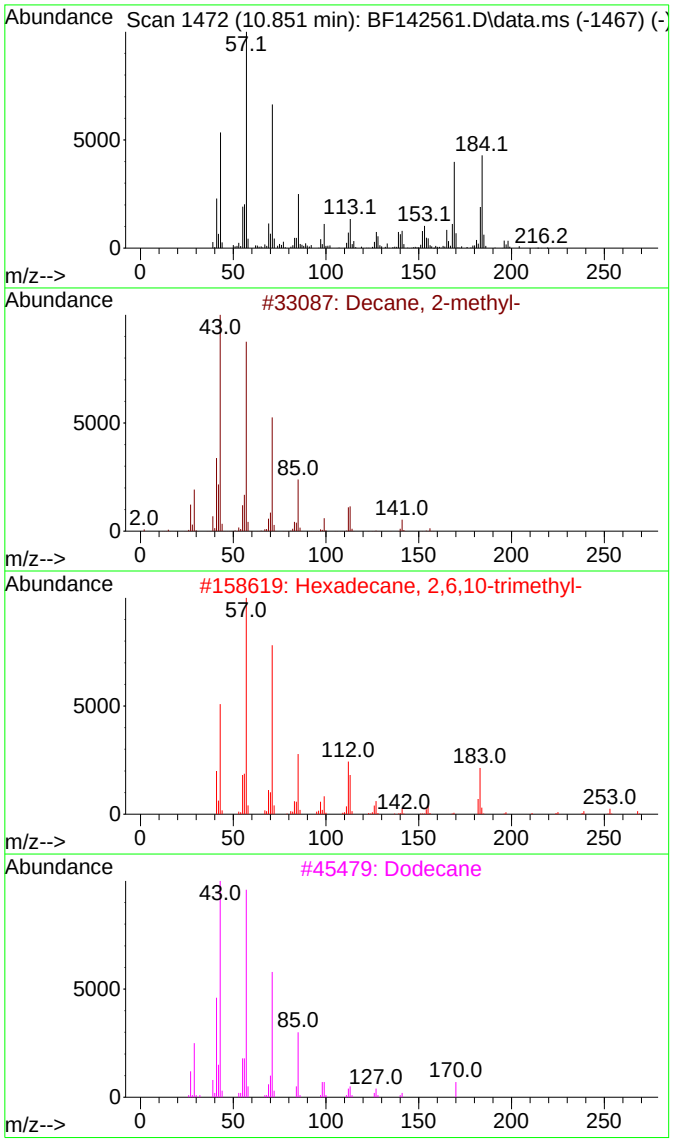
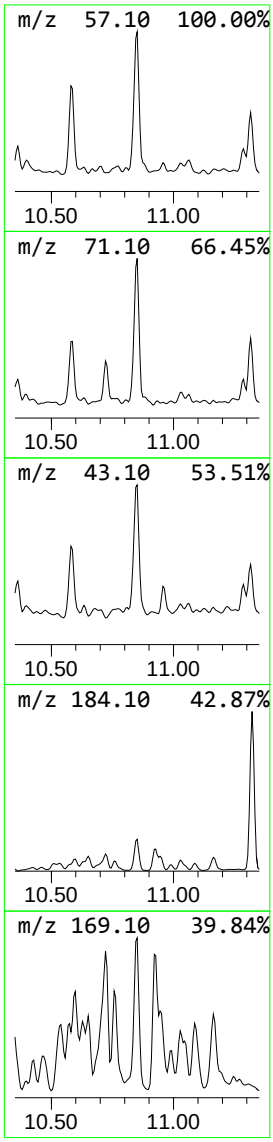
Peak Number 7 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	4.75 ng	176291	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	38
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	38
3	Dodecane	170	C12H26	000112-40-3	30
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	25
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	25





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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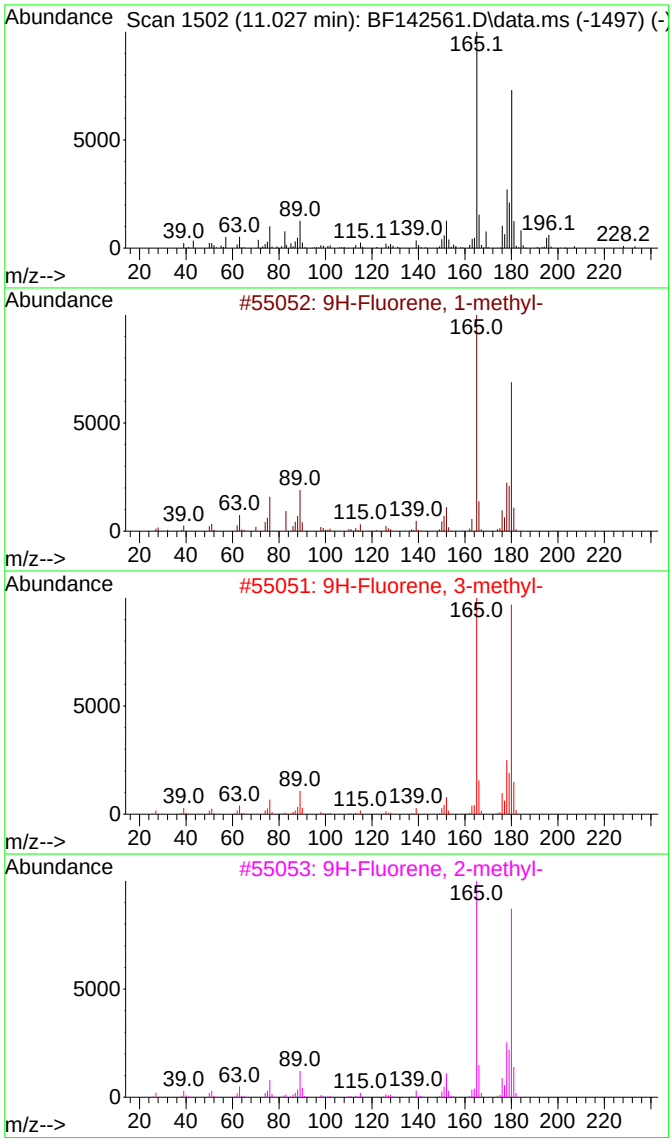
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

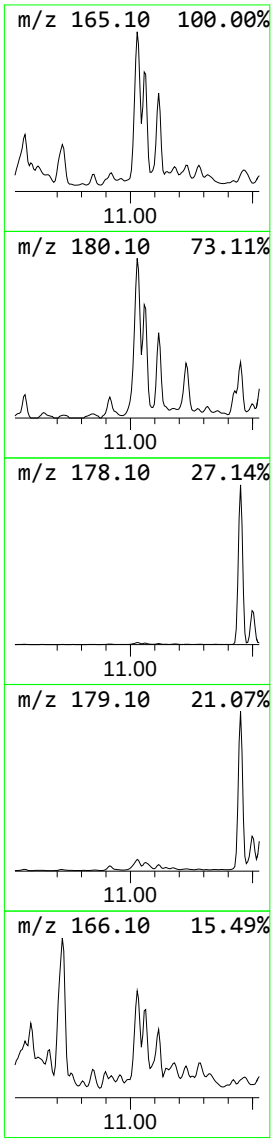
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.027	4.43 ng	164564	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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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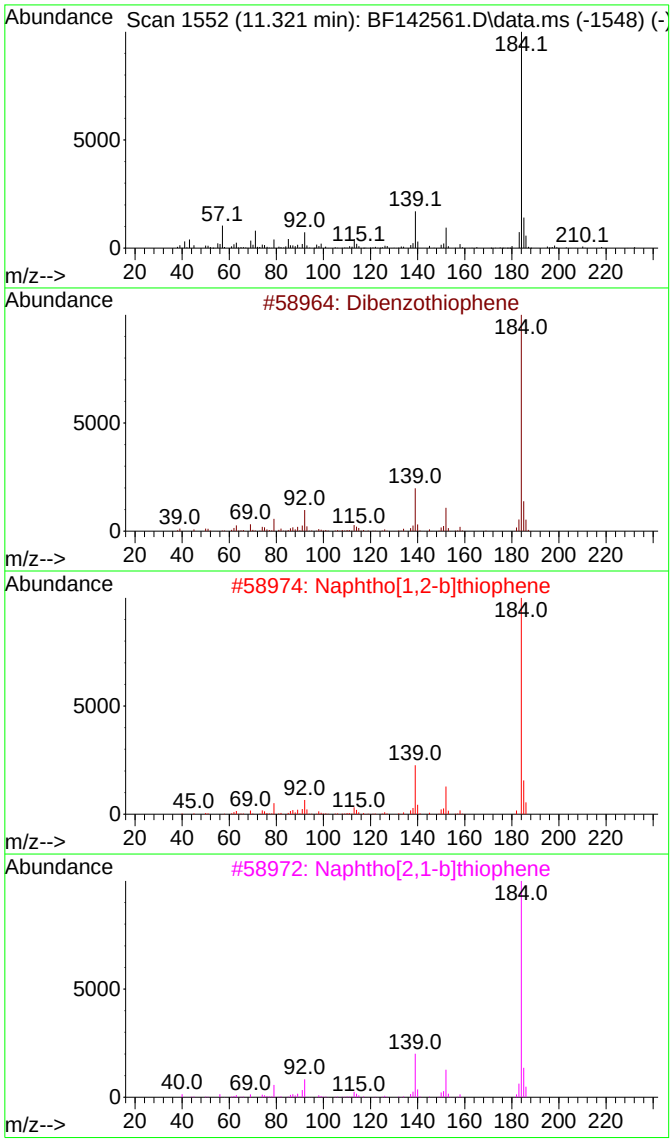
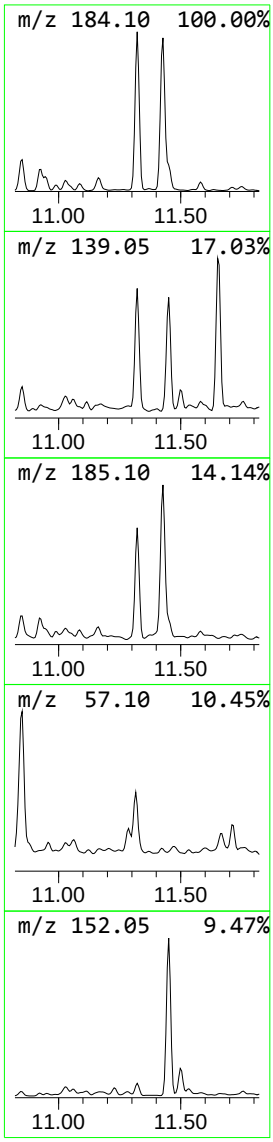
Peak Number 9 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	4.46 ng	165583	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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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 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	8.34 ng	309457	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
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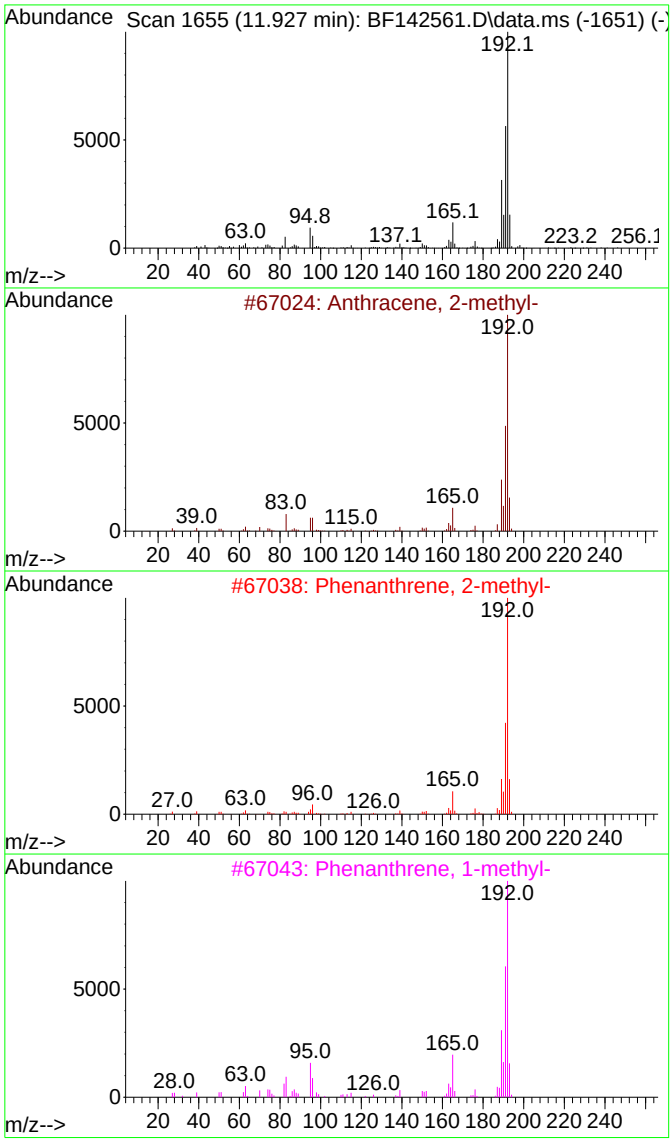

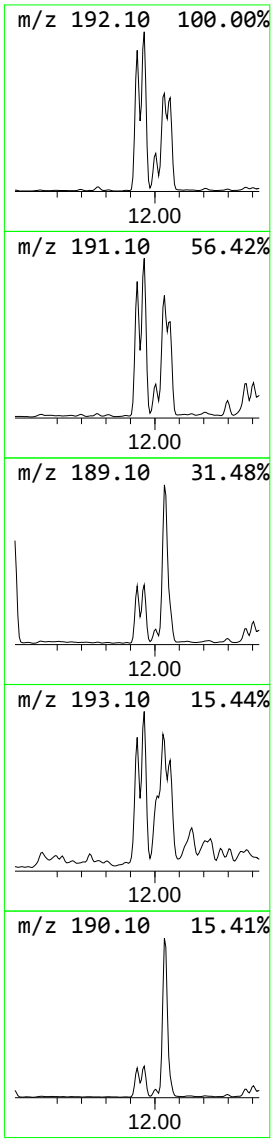

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Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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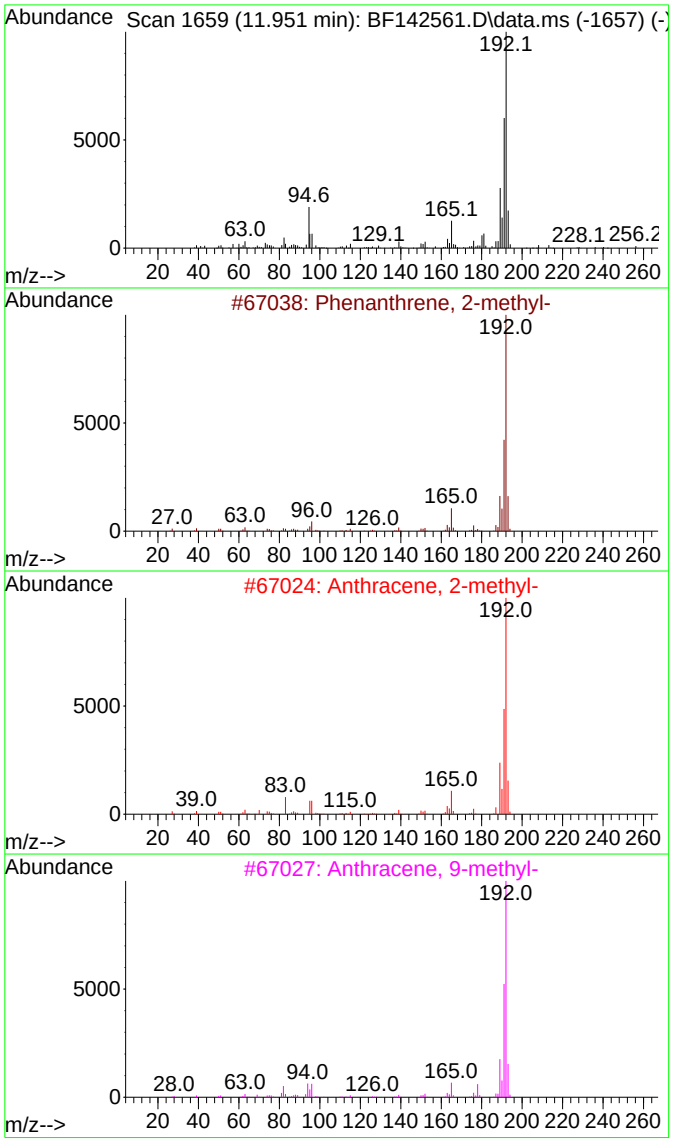
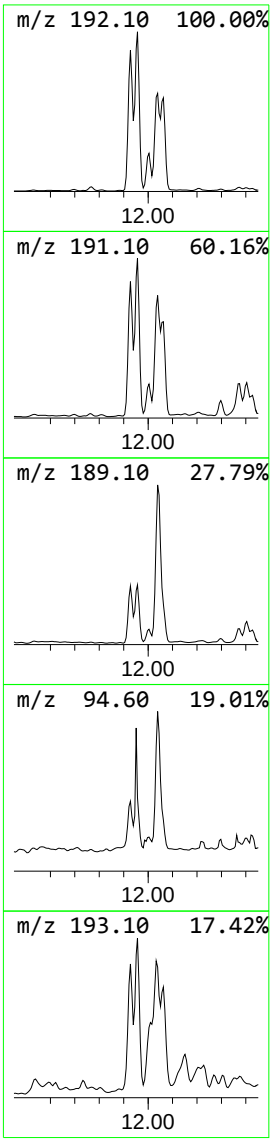
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	11.06 ng	410355	Phenanthrene-d10	11.427

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-2

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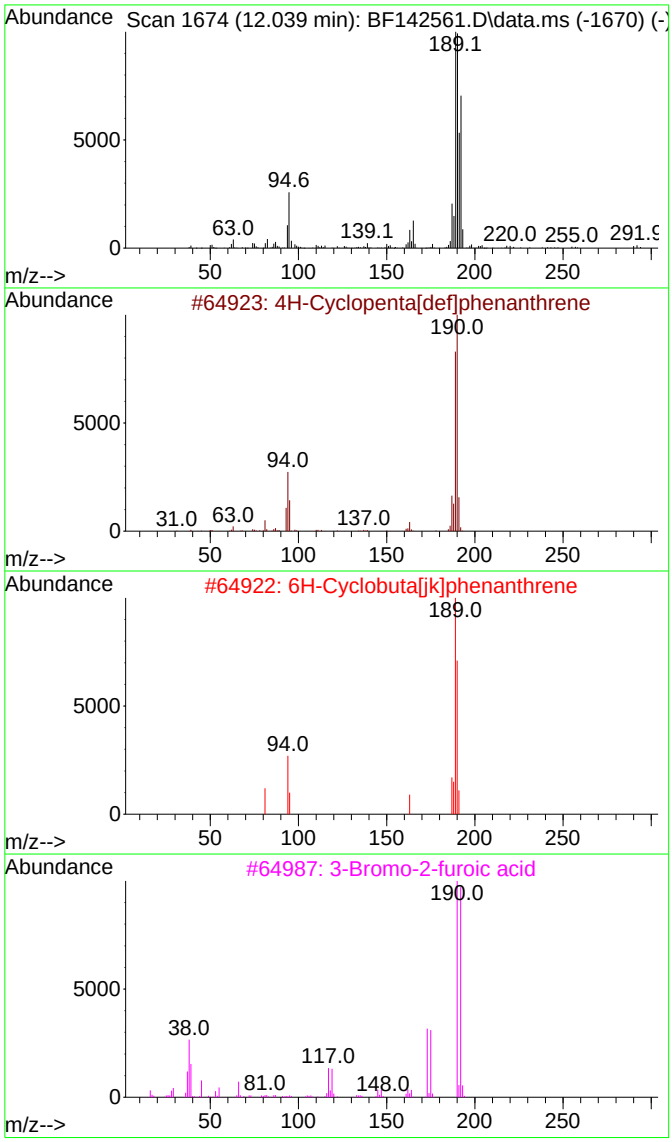
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

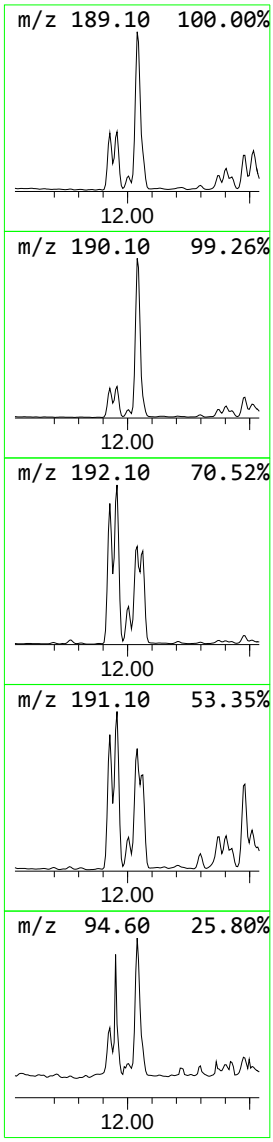
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	16.16 ng	599828	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	15





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ALS Vial : 11 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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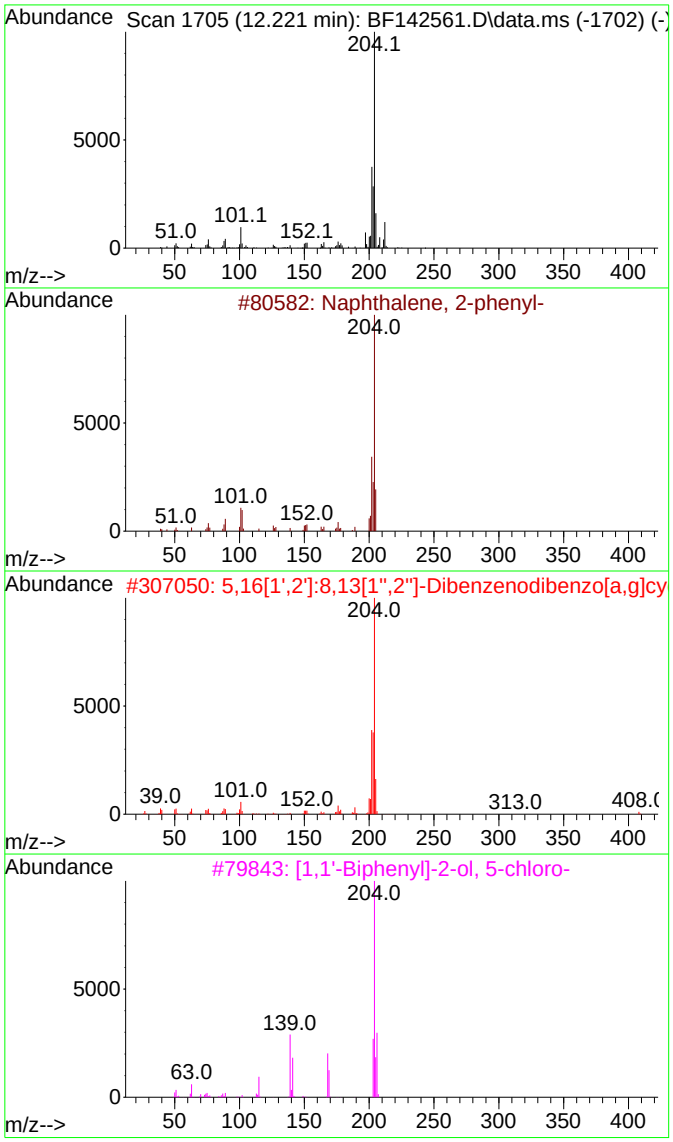
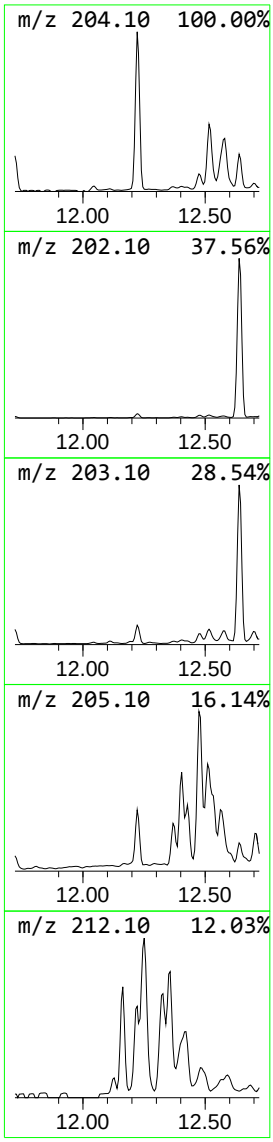
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.221	4.20 ng	155961	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	50





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

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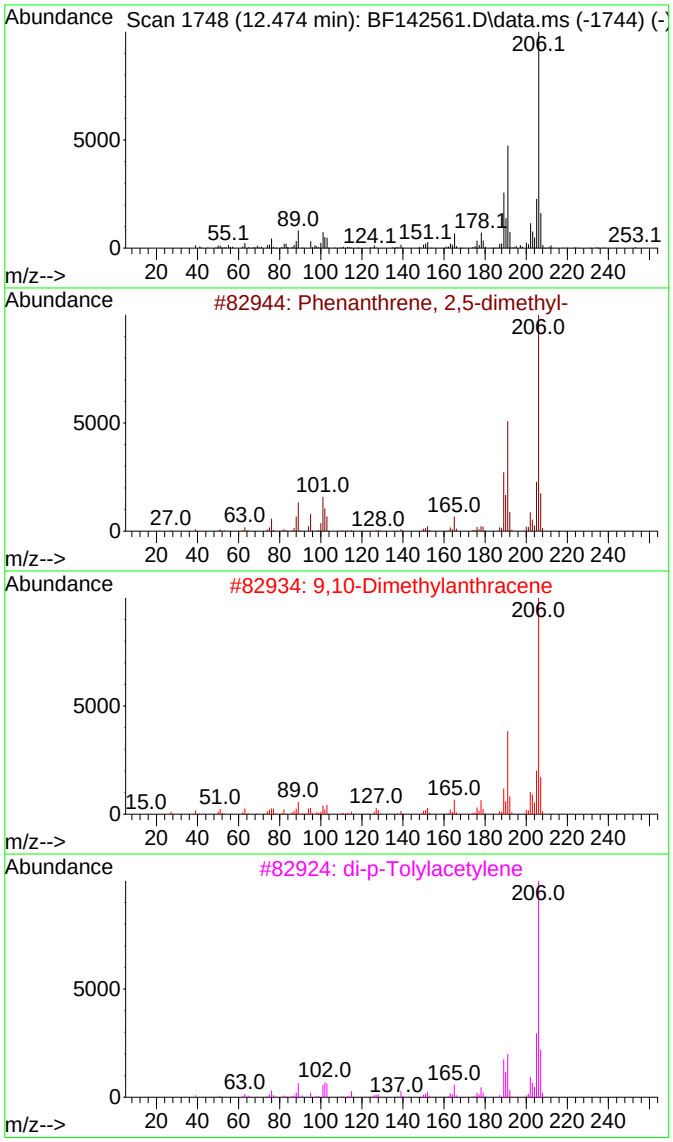
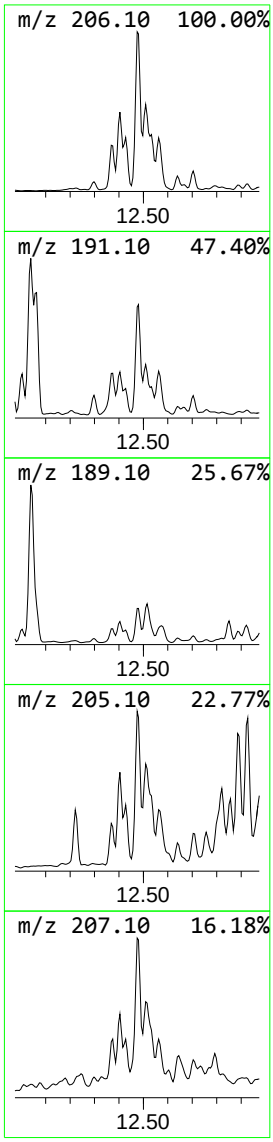
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	7.05 ng	261672	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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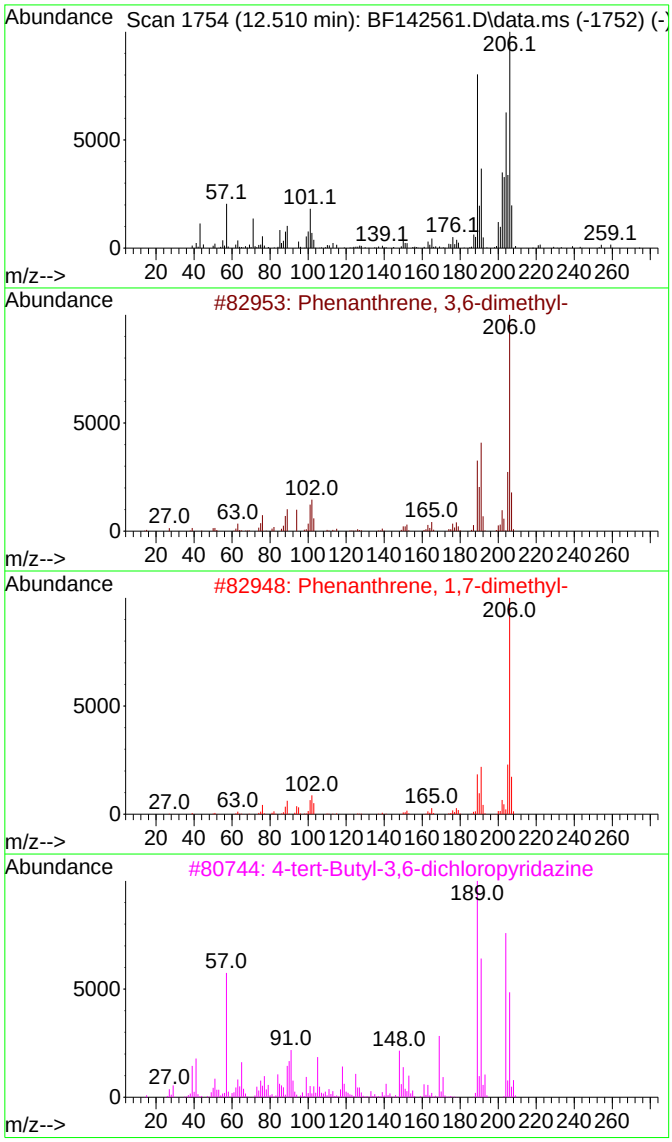
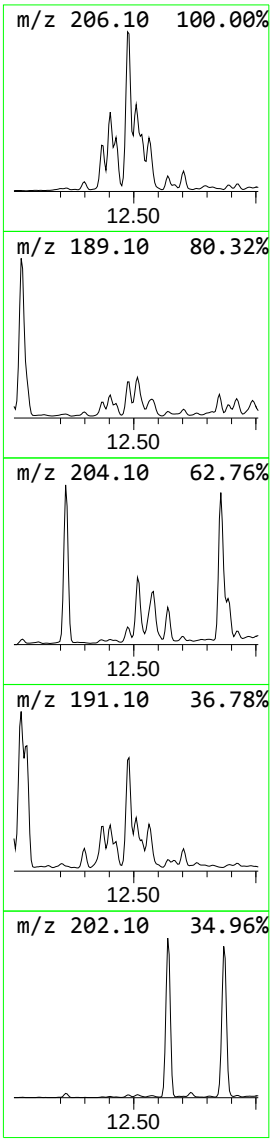
Peak Number 15 unknown12.510 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	5.05 ng	187403	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
3	4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	43
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	41
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	41





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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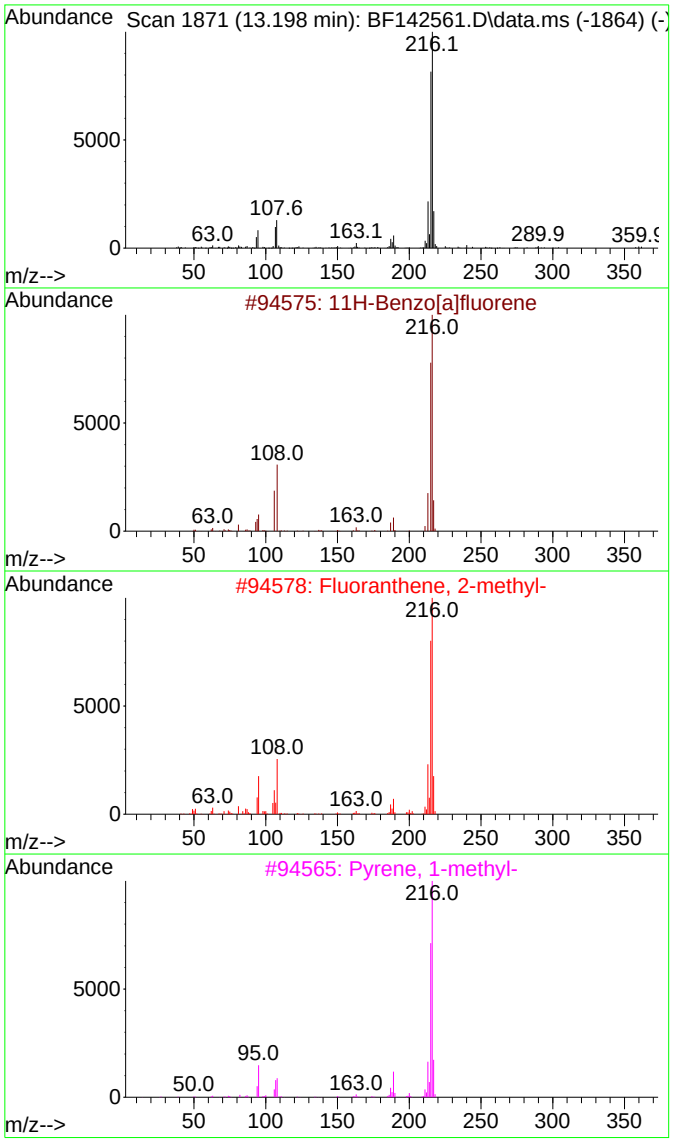
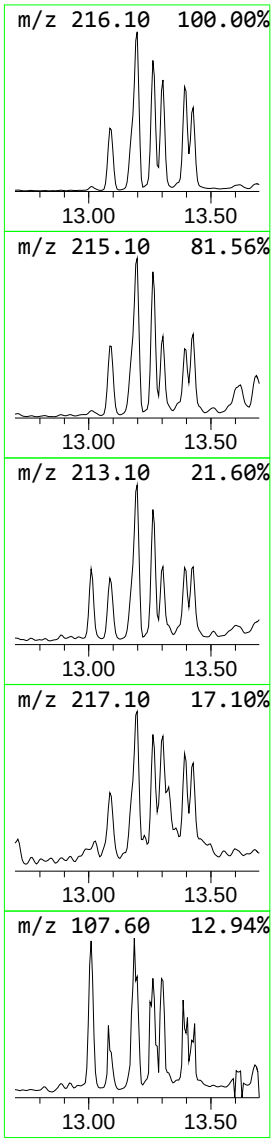
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	4.60 ng	311304	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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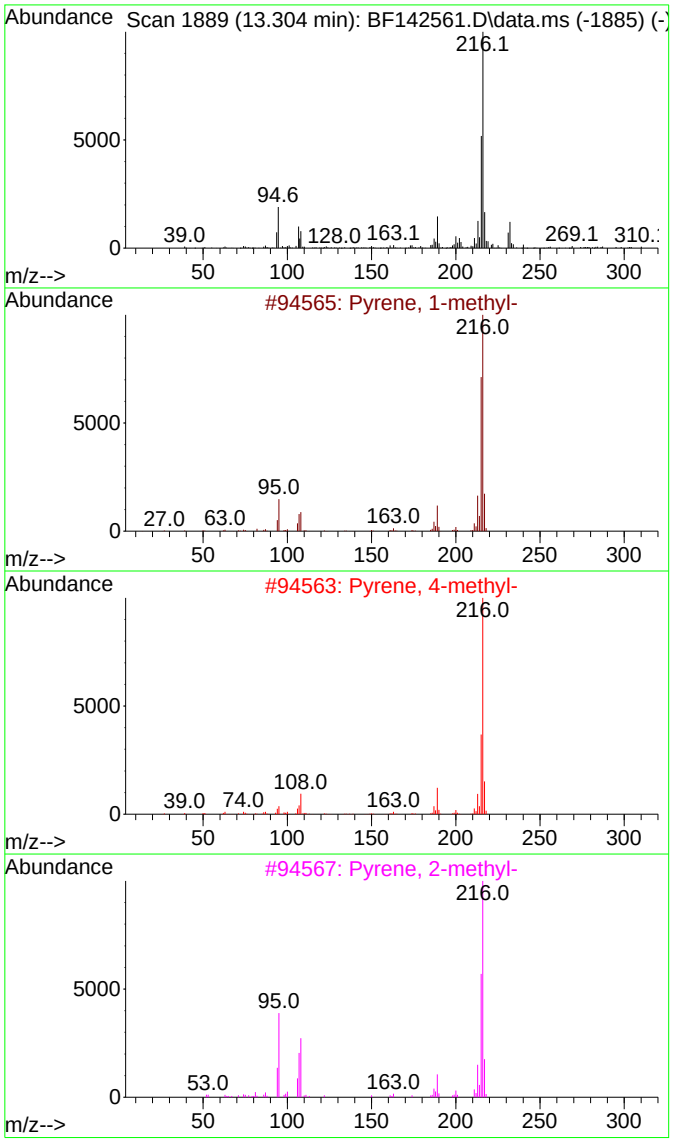
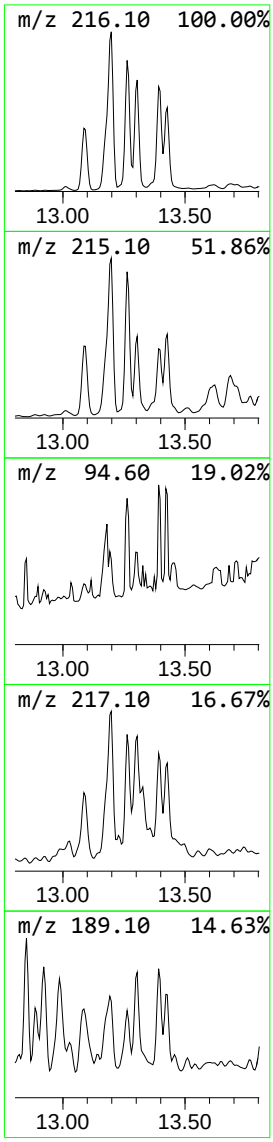
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	3.24 ng	219004	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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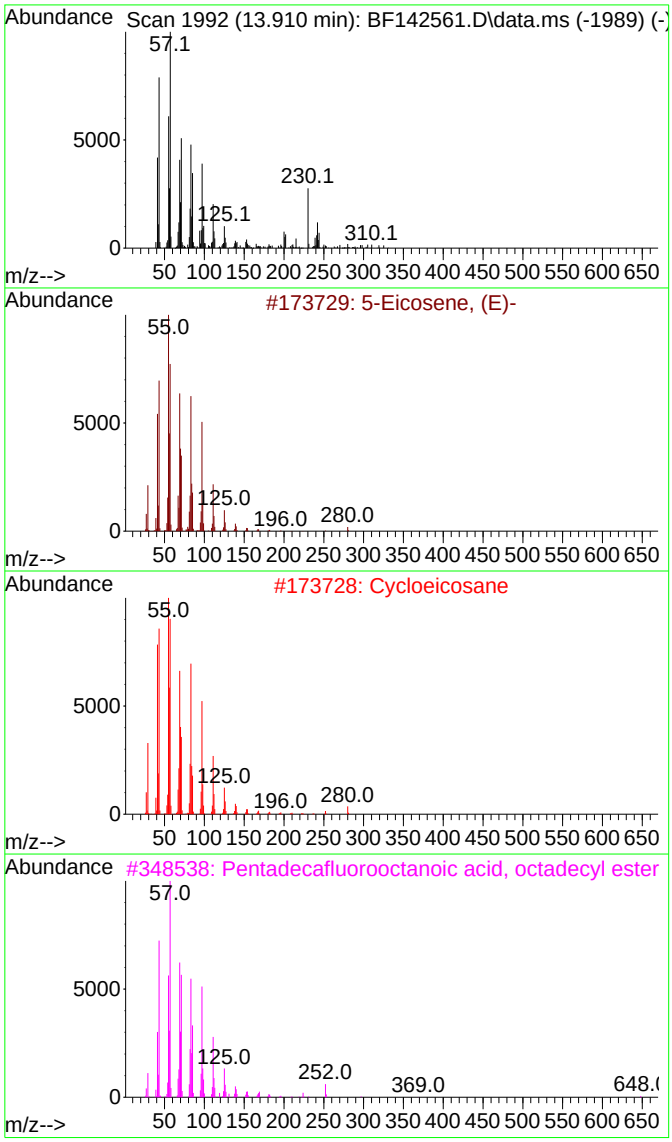
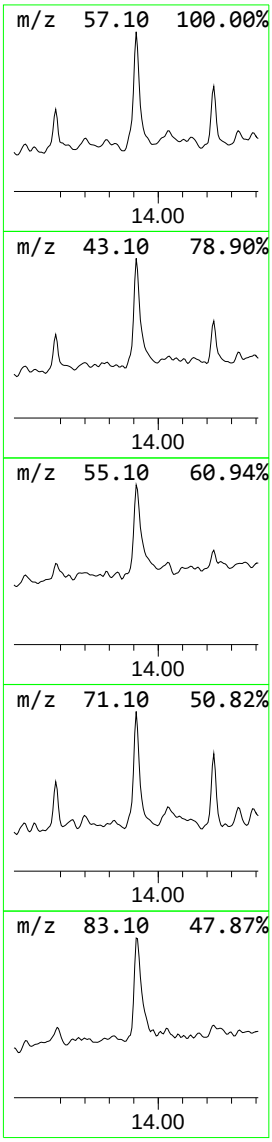
Peak Number 18 5-Eicosene, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.66 ng	247839	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cycloeicosane	280	C20H40	000296-56-0	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
4	1-Heptadecene	238	C17H34	006765-39-5	83
5	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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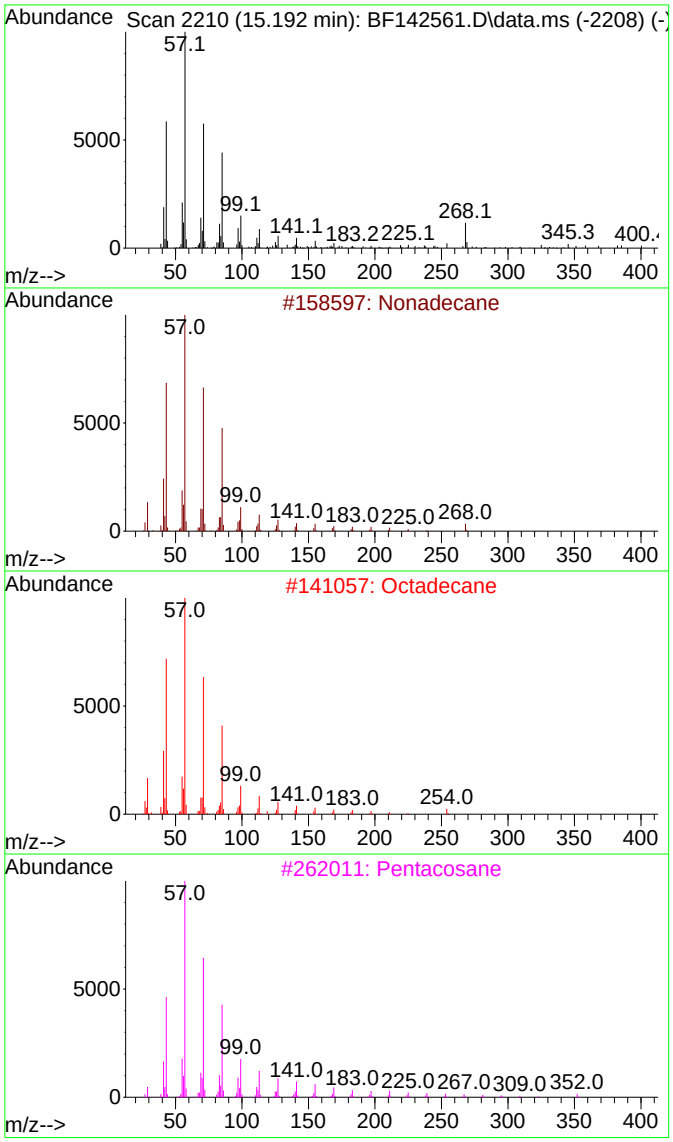
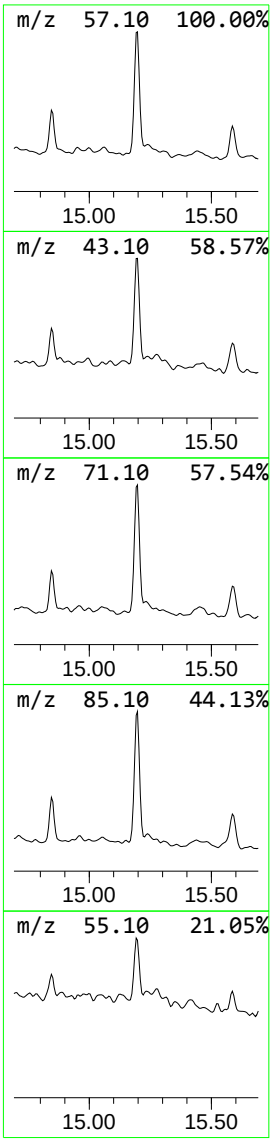
Peak Number 19 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	3.20 ng	115674	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octadecane	254	C18H38	000593-45-3	89
3	Pentacosane	352	C25H52	000629-99-2	83
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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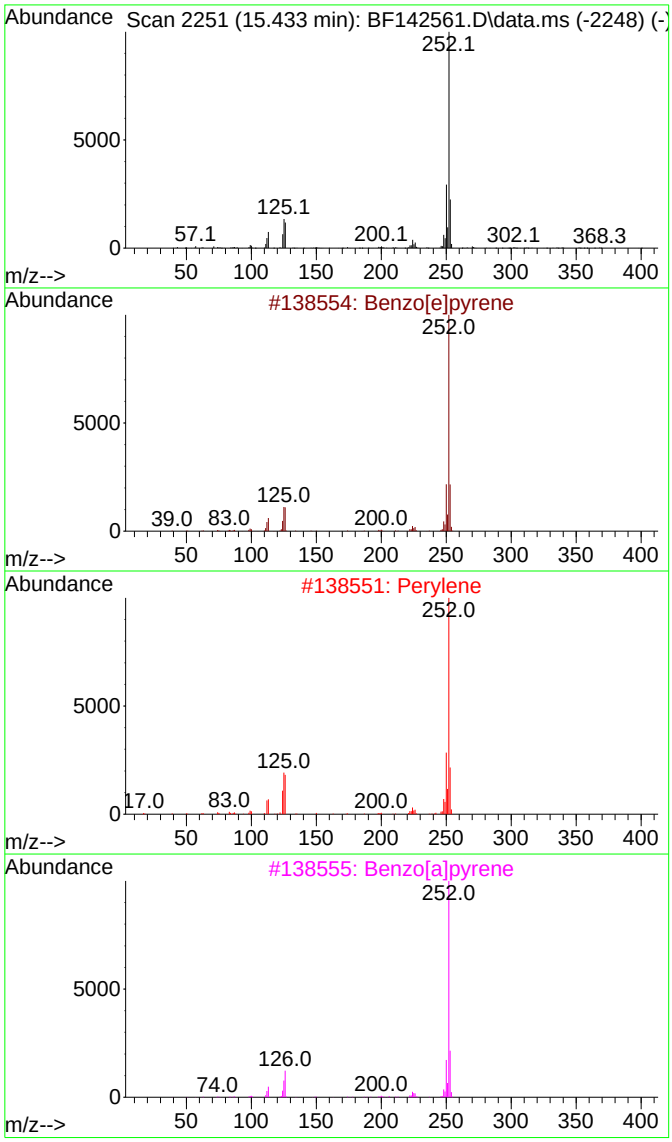
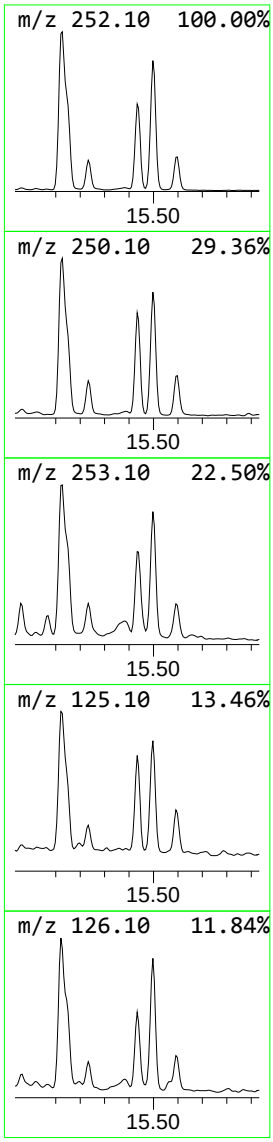
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	6.84 ng	247368	Perylene-d12	15.562

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142561.D
Acq On : 27 May 2025 14:55
Operator : RC/JU
Sample : Q2127-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Pentanone, 4-...	5.110	6.6	ng	212360	1	6.898	641115	20.0
Naphthalene, 1,...	9.522	5.1	ng	264046	3	9.939	1043820	20.0
Naphthalene, 1,...	9.592	6.7	ng	350857	3	9.939	1043820	20.0
Naphthalene, 1,...	9.710	3.6	ng	189359	3	9.939	1043820	20.0
Diphenylmethane	10.575	3.7	ng	193249	3	9.939	1043820	20.0
Benzophenone	10.645	9.1	ng	477073	3	9.939	1043820	20.0
Decane, 2-methyl-	10.851	4.8	ng	176291	4	11.427	742379	20.0
9H-Fluorene, 1-...	11.027	4.4	ng	164564	4	11.427	742379	20.0
Naphtho[1,2-b]t...	11.322	4.5	ng	165583	4	11.427	742379	20.0
Anthracene, 2-m...	11.927	8.3	ng	309457	4	11.427	742379	20.0
Phenanthrene, 2...	11.951	11.1	ng	410355	4	11.427	742379	20.0
4H-Cyclopenta[d...	12.039	16.2	ng	599828	4	11.427	742379	20.0
Naphthalene, 2-...	12.221	4.2	ng	155961	4	11.427	742379	20.0
Phenanthrene, 2...	12.474	7.0	ng	261672	4	11.427	742379	20.0
unknown12.510	12.510	5.0	ng	187403	4	11.427	742379	20.0
11H-Benzo[a]flu...	13.198	4.6	ng	311304	5	14.068	1353900	20.0
Pyrene, 1-methyl-	13.304	3.2	ng	219004	5	14.068	1353900	20.0
5-Eicosene, (E)-	13.910	3.7	ng	247839	5	14.068	1353900	20.0
Nonadecane	15.192	3.2	ng	115674	6	15.562	722920	20.0
Benzo[e]pyrene	15.433	6.8	ng	247368	6	15.562	722920	20.0