LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

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: BF142562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	11	17	29	rBV2	35613	61682	1.85%	0.097%
2	5.122	491	498	514	rVB	233146	373621	11.20%	0.588%
3	5.516	555	565	570	rBV	2050525	2883347	86.42%	4.539%
4	6.075	654	660	668	rVB	53178	100746	3.02%	0.159%
5	6.522	728	736	742	rBV	1965911	2940813	88.15%	4.629%
6	6.728	766	771	780	rBV2	38261	64695	1.94%	0.102%
7	6.898	795	800	806	rVB	547997	675719	20.25%	1.064%
8	7.163	839	845	850	rVB3	38861	67743	2.03%	0.107%
9	7.210	850	853	861	rVB2	26290	48752	1.46%	0.077%
10	7.293	861	867	870	rBV4	37524	60896	1.83%	0.096%
11	7.463	885	896	901	rBV	1397093	2026740	60.75%	3.190%
12	7.540	905	909	913	rVB4	44944	63551	1.90%	0.100%
13	7.598	913	919	924	rBV5	25391	67813	2.03%	0.107%
14	7.675	925	932	933	rBV3	30775	53240	1.60%	0.084%
15	7.704	934	937	944	rVB2	74850	114295	3.43%	0.180%
16	7.916	967	973	980	rBV3	93074	195335	5.85%	0.307%
17	8.128	1004	1009	1011	rBV3	40424	63746	1.91%	0.100%
18	8.204	1011	1022	1026	rBV2	1291346	2496926	74.84%	3.931%
19	8.351	1041	1047	1050	rBV5	30749	69067	2.07%	0.109%
20	8.387	1050	1053	1057	rVV2	40148	55059	1.65%	0.087%
21	8.469	1064	1067	1074	rVB7	49001	73688	2.21%	0.116%
22	8.598	1086	1089	1092	rBV	77918	106551	3.19%	0.168%
23	8.687	1101	1104	1107	rBV3	35794	45979	1.38%	0.072%
24	8.769	1115	1118	1121	rBV2	50157	58506	1.75%	0.092%
25	8.892	1135	1139	1143	rVB	938815	1121238	33.61%	1.765%
26	8.945	1143	1148	1151	rVB3	32053	48557	1.46%	0.076%
27	8.992	1151	1156	1160	rVB	712517	854972	25.63%	1.346%
28	9.063	1164	1168	1170	rBV4	38902	63219	1.89%	0.100%
29	9.198	1188	1191	1195	rVB2	94633	114680	3.44%	0.181%
30	9.257	1196	1201	1206	rVB	2482267	3096037	92.80%	4.874%
31	9.357	1210	1218	1222	rBV	253970	461853	13.84%	0.727%
32	9.451	1231	1234	1240	rVB	154105	228230	6.84%	0.359%
33	9.522	1241	1246	1250	rVV	348975	531858	15.94%	0.837%
34	9.592	1254	1258	1261	rVV	514822	748810	22.44%	1.179%
35	9.622	1261	1263	1265	rVV	313412	347912	10.43%	0.548%
36	9.651	1265	1268	1274	rVV5	243191	381504	11.44%	0.601%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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	9.710	1274	1278	1288	rVB	230154	404339	12.12%	0.636%
38	9.798	1288	1293	1297	rBV	305474	402110	12.05%	0.633%
39	9.851	1298	1302	1307	rVB3	92125	126276	3.78%	0.199%
40	9.939	1309	1317	1319	rBV2	698919	1058433	31.73%	1.666%
41	9.969	1319	1322	1327	rVV	965072	1240683	37.19%	1.953%
42	10.045	1331	1335	1338	rBV2	97110	144041	4.32%	0.227%
43	10.092	1339	1343	1346	rVV3	69264	108436	3.25%	0.171%
44	10.139	1346	1351	1355	rVV2	523137	691506	20.73%	1.089%
45	10.181	1355	1358	1366	rVB	170531	245689	7.36%	0.387%
46	10.251	1366	1370	1373	rBV2	176321	250590	7.51%	0.394%
47	10.281	1373	1375	1381	rVB	111505	125997	3.78%	0.198%
48	10.339	1381	1385	1392	rBV3	136558	295521	8.86%	0.465%
49	10.486	1405	1410	1415	rVB	675314	893628	26.79%	1.407%
50	10.575	1416	1425	1432	rBV5	121690	422435	12.66%	0.665%
51	10.651	1433	1438	1443	rVB2	481137	668891	20.05%	1.053%
52	10.728	1445	1451	1456	rBV	1418859	1838079	55.09%	2.893%
53	10.851	1467	1472	1478	rVB	227088	338467	10.15%	0.533%
54	10.922	1481	1484	1487	rVV2	69505	94969	2.85%	0.149%
55	10.957	1487	1490	1494	rVV3	89297	123618	3.71%	0.195%
56	11.028	1498	1502	1505	rVV	193688	317818	9.53%	0.500%
57	11.063	1505	1508	1512	rVV2	146127	215582	6.46%	0.339%
58	11.116	1514	1517	1520	rVB	93090	107545	3.22%	0.169%
59	11.322	1548	1552	1557	rVB2	219622	309647	9.28%	0.487%
60	11.451	1565	1574	1579	rBV2	1982709	3336252	100.00%	5.252%
61	11.504	1579	1583	1586	rVV	399914	503515	15.09%	0.793%
62	11.533	1586	1588	1592	rVB	96291	113604	3.41%	0.179%
63	11.657	1605	1609	1616	rBV	294832	404101	12.11%	0.636%
64	11.757	1623	1626	1631	rVB2	91478	117489	3.52%	0.185%
65	11.839	1637	1640	1644	rVB	65541	82709	2.48%	0.130%
66	11.933	1651	1656	1657	rBV	492646	670986	20.11%	1.056%
67	11.957	1657	1660	1664	rVV2	816858	1100494	32.99%	1.732%
68	12.004	1665	1668	1670	rVV2	153752	195747	5.87%	0.308%
69	12.039	1670	1674	1682	rVB2	750847	1494786	44.80%	2.353%
70	12.222	1702	1705	1709	rBV	127641	143666	4.31%	0.226%
71	12.375	1728	1731	1733	rBV	97211	96545	2.89%	0.152%
72	12.404	1733	1736	1739	rBV	192968	231552	6.94%	0.364%
73	12.480	1744	1749	1752	rBV	582156	845374	25.34%	1.331%
74	12.516	1752	1755	1761	rVV2	317750	545203	16.34%	0.858%
75	12.569	1761	1764	1772	rVB3	206449	389248	11.67%	0.613%
76	12.645	1772	1777	1781	rBV	1784247	2271600	68.09%	3.576%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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	12.686	1781	1784	1786	rBV	74481	93588	2.81%	0.147%
78	12.739	1790	1793	1796	rVB2	149292	171917	5.15%	0.271%
79	12.875	1810	1816	1822	rBV	1832481	3019458	90.50%	4.753%
80	12.927	1822	1825	1829	rVB2	251427	304979	9.14%	0.480%
81	13.016	1835	1840	1847	rVB	2032471	2985849	89.50%	4.700%
82	13.092	1848	1853	1860	rBV4	293281	631433	18.93%	0.994%
83	13.198	1864	1871	1875	rVV	492401	875977	26.26%	1.379%
84	13.269	1880	1883	1886	rVV	363395	429687	12.88%	0.676%
85	13.304	1886	1889	1897	rVB3	389465	580112	17.39%	0.913%
86	13.398	1901	1905	1907	rBV	286459	347324	10.41%	0.547%
87	13.427	1907	1910	1913	rVB2	238053	278712	8.35%	0.439%
88	13.686	1951	1954	1955	rBV2	130222	146810	4.40%	0.231%
89	13.822	1972	1977	1980	rBV3	238803	464457	13.92%	0.731%
90	13.910	1989	1992	2002	rVB4	378370	748532	22.44%	1.178%
91	14.069	2013	2019	2022	rBV2	1373153	2382605	71.42%	3.751%
92	14.098	2022	2024	2031	rVB	1007426	1314273	39.39%	2.069%
93	14.457	2082	2085	2089	rVB	289852	351259	10.53%	0.553%
94	14.539	2095	2099	2104	rBV3	227020	483423	14.49%	0.761%
95	15.133	2195	2200	2208	rBV	620469	1424158	42.69%	2.242%
96	15.445	2249	2253	2258	rVB	375465	583150	17.48%	0.918%
97	15.510	2259	2264	2270	rVB	527024	839364	25.16%	1.321%
98	15.574	2271	2275	2278	rBV	273263	452488	13.56%	0.712%
99	17.080	2526	2531	2540	rVB2	220956	483681	14.50%	0.761%
100	17.539	2604	2609	2618	rVB	183510	398478	11.94%	0.627%

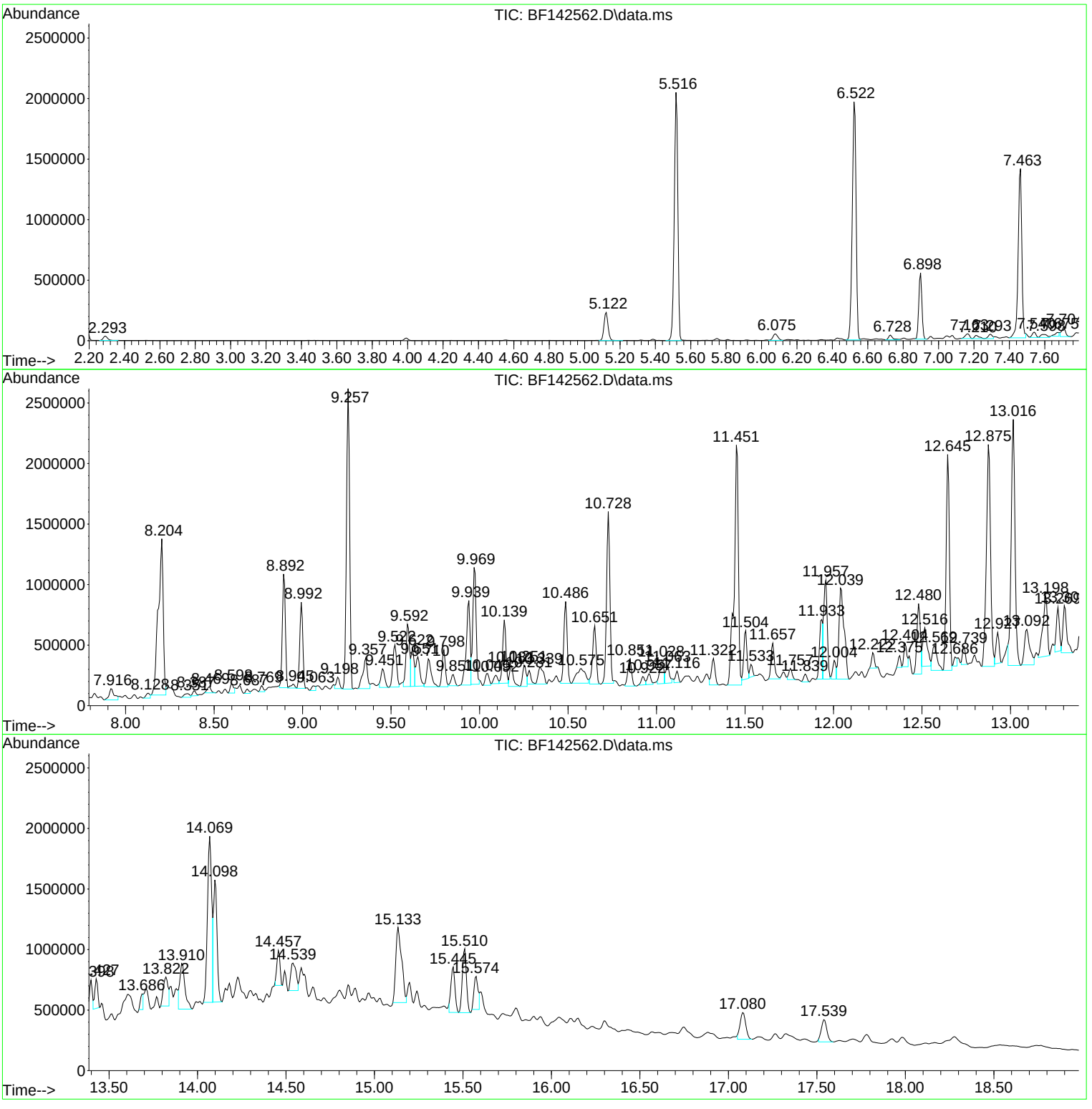
Sum of corrected areas: 63526265

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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 : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

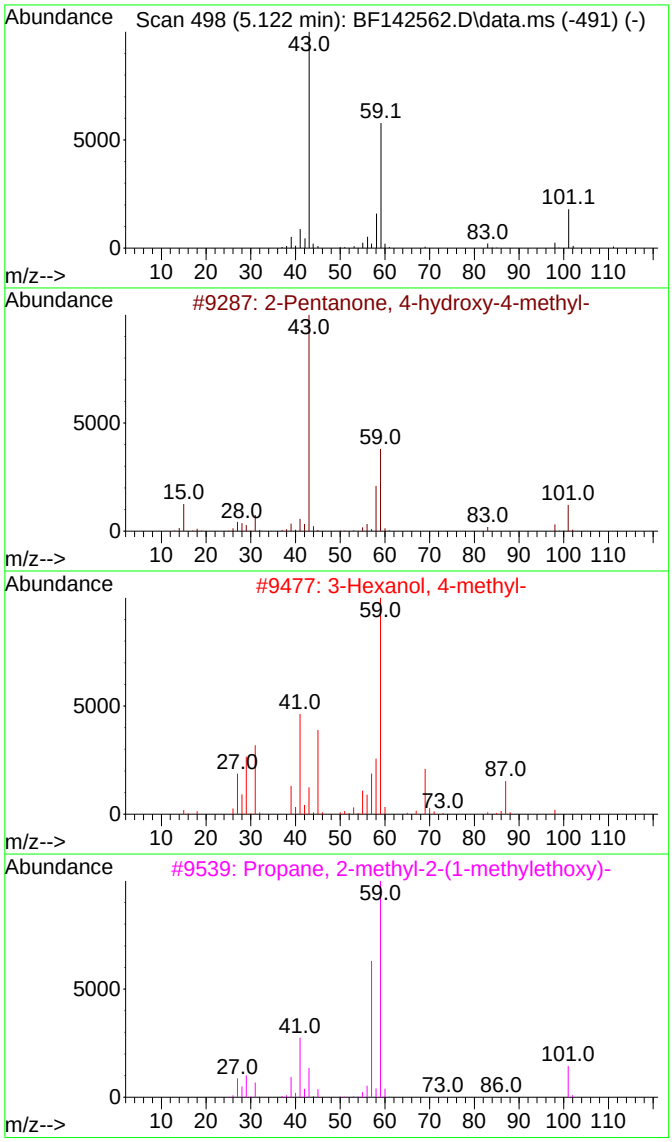
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

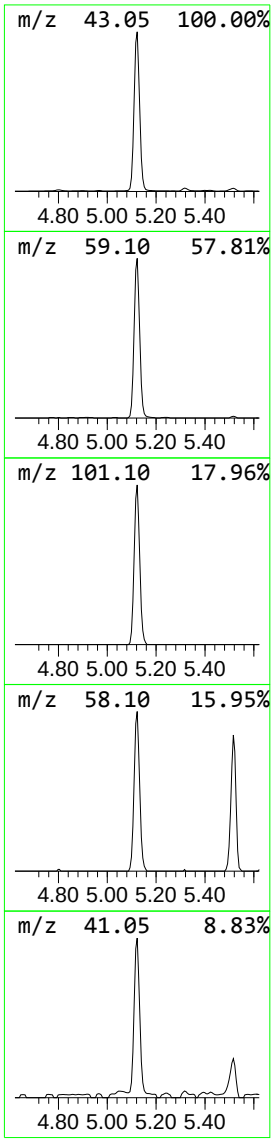
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	11.06 ng	373621	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	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

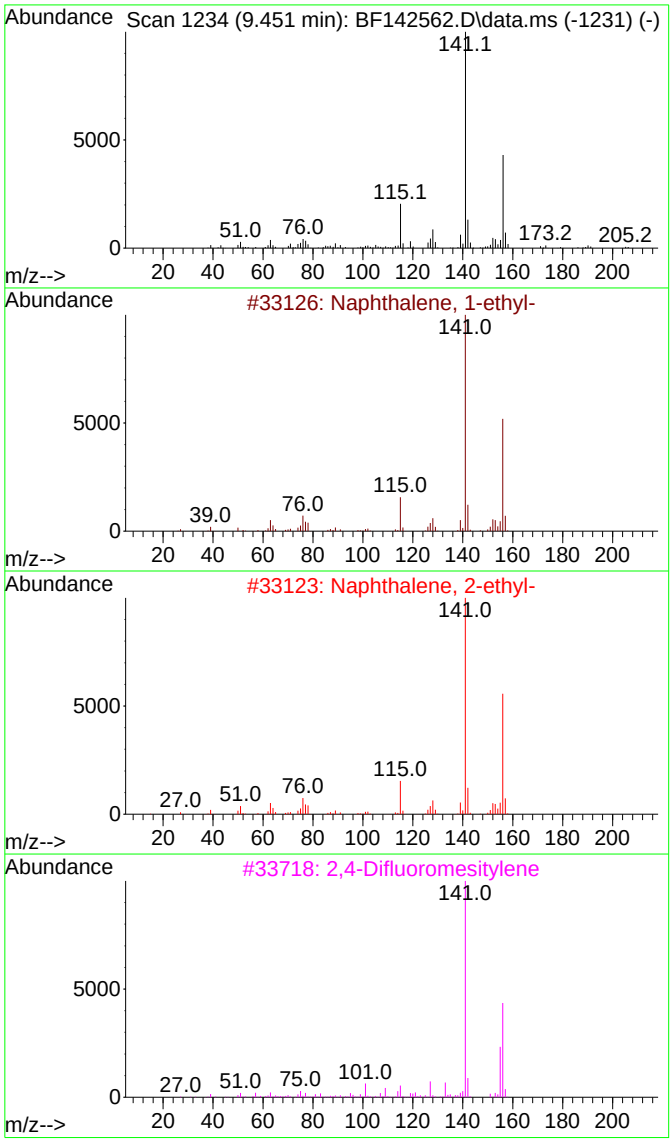
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

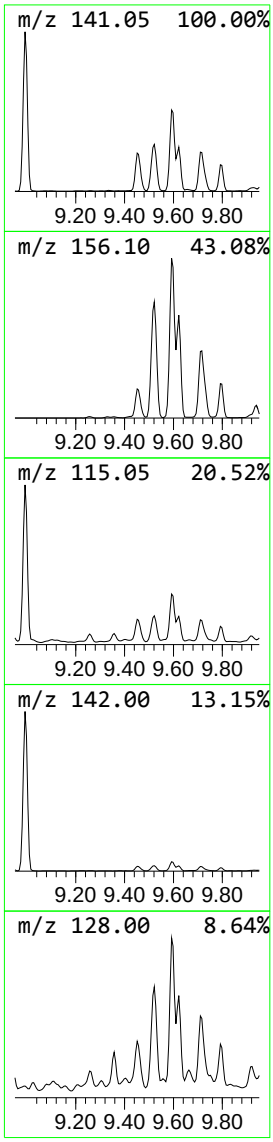
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	4.31 ng	228230	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	72
4	4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	64
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

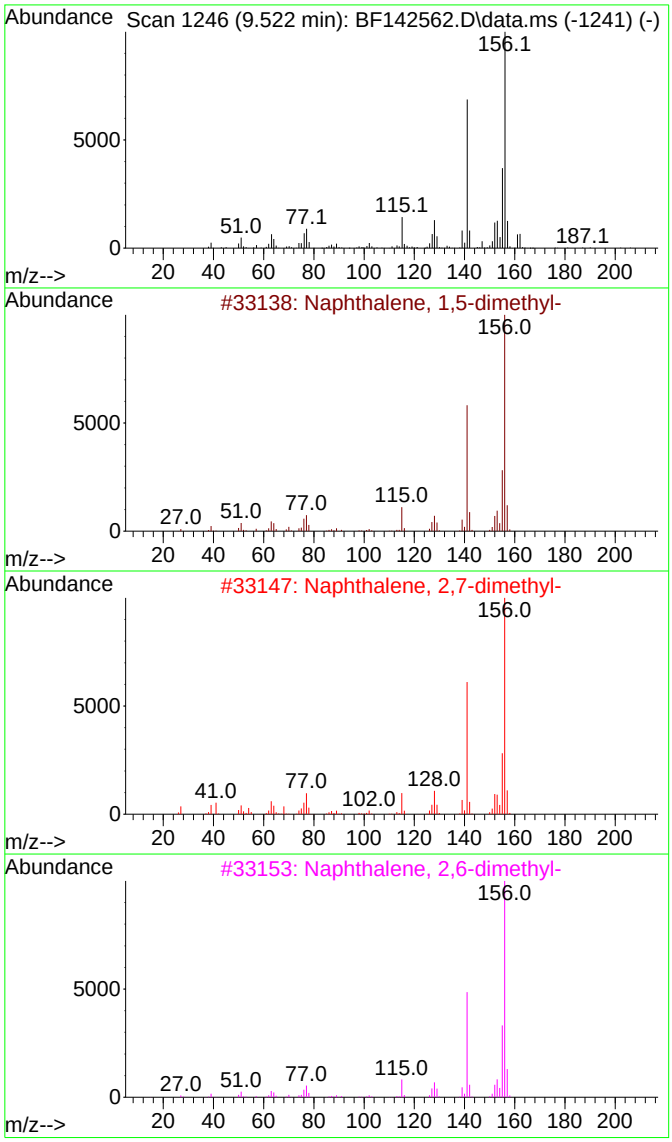
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

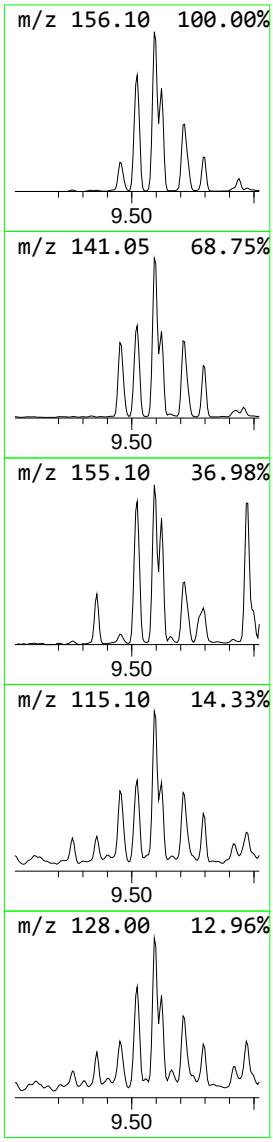
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	10.05 ng	531858	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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	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 : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

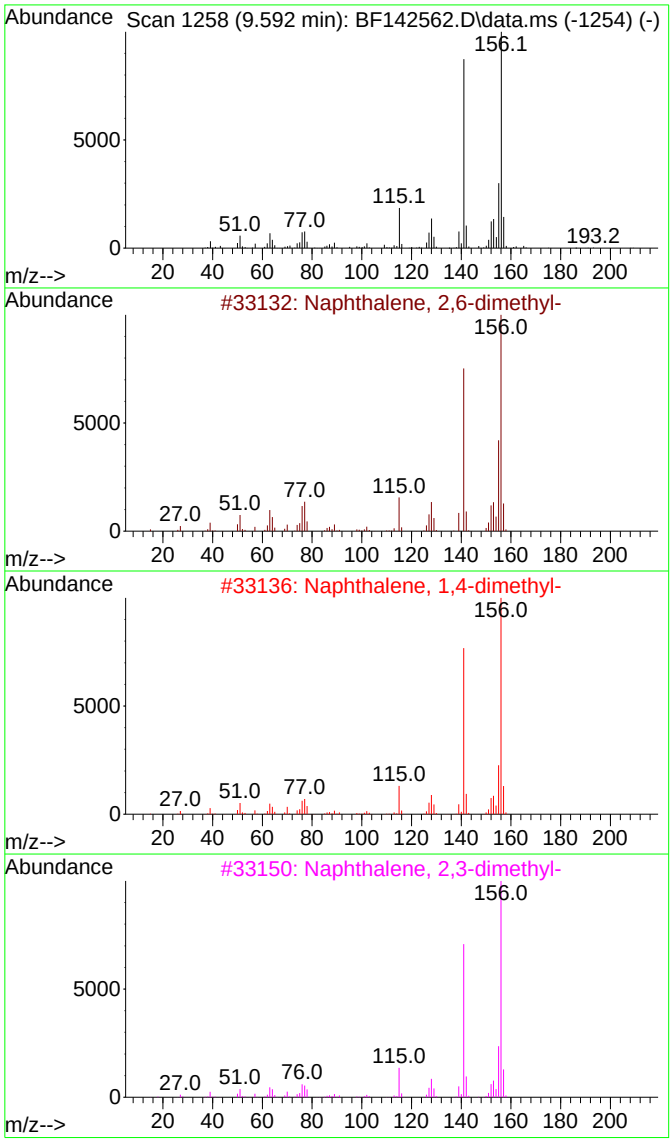
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

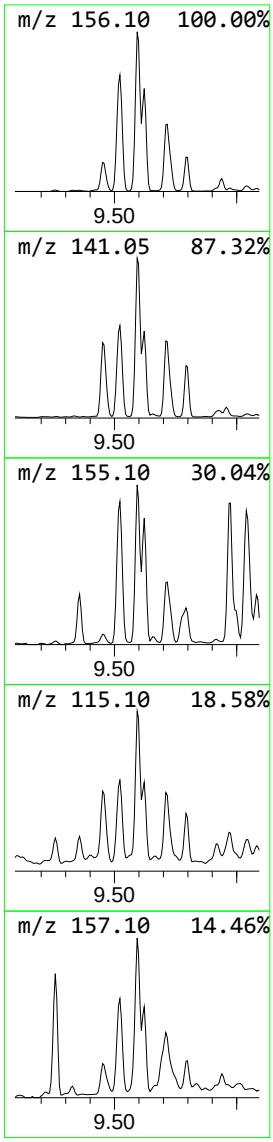
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	14.15 ng	748810	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

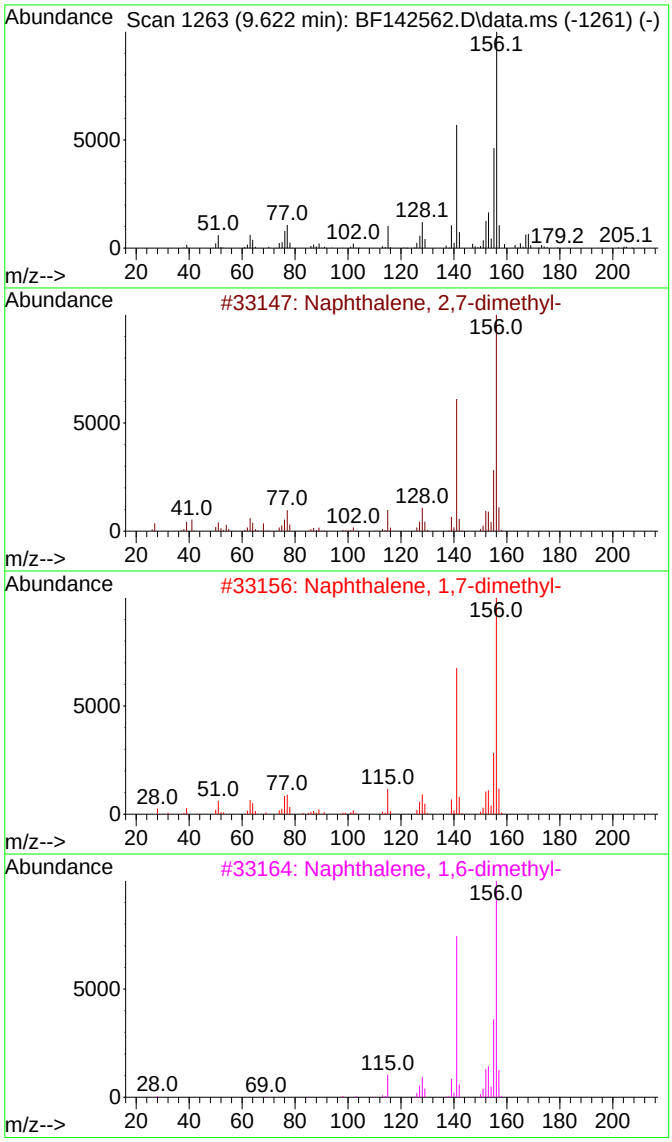
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

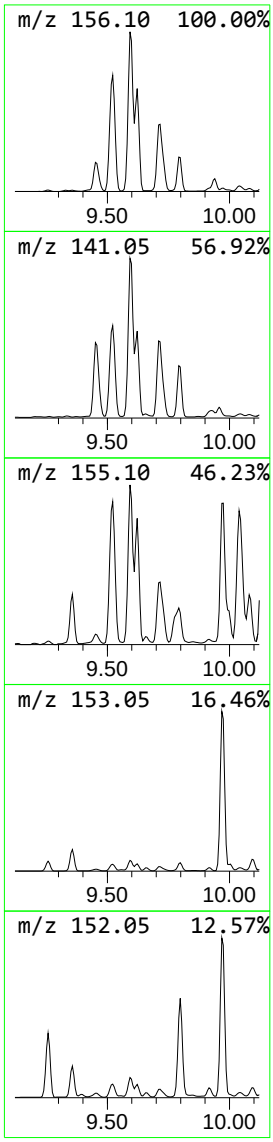
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	6.57 ng	347912	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87





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Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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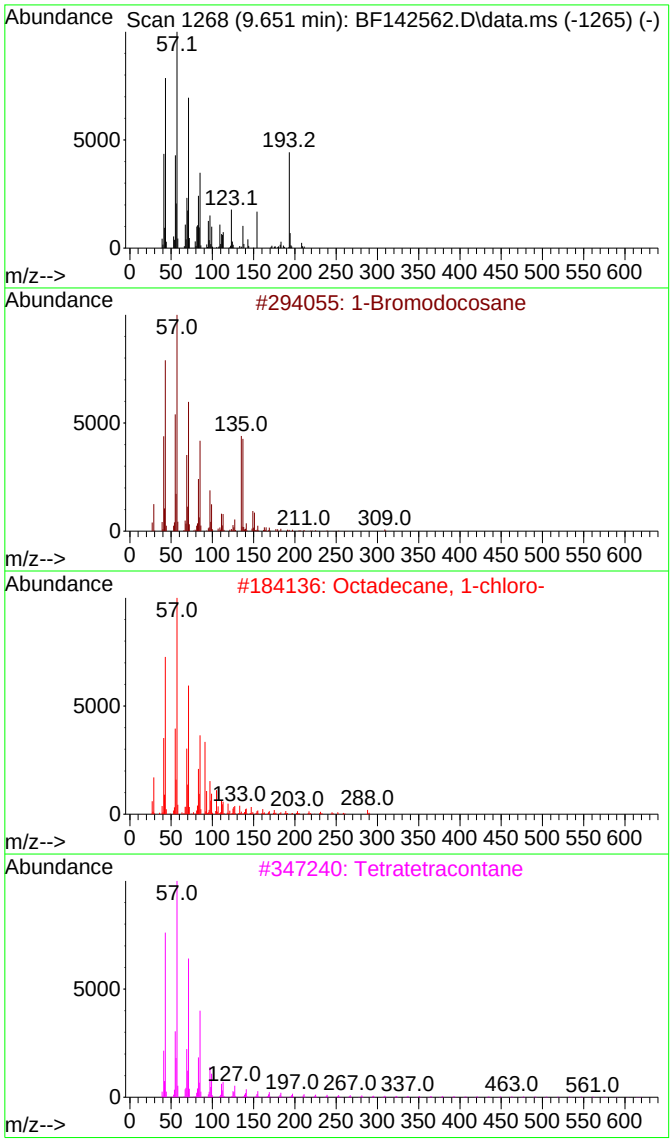
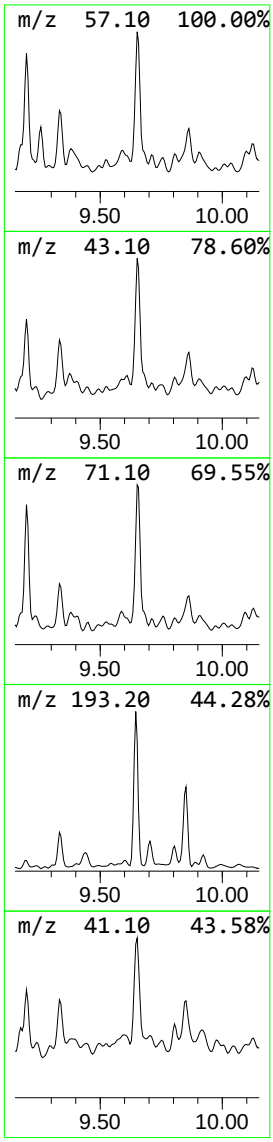
Peak Number 6 unknown9.651 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	7.21 ng	381504	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	38
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	38
3	Tetratetracontane	619	C44H90	007098-22-8	38
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	38
5	Hexadecane	226	C16H34	000544-76-3	38





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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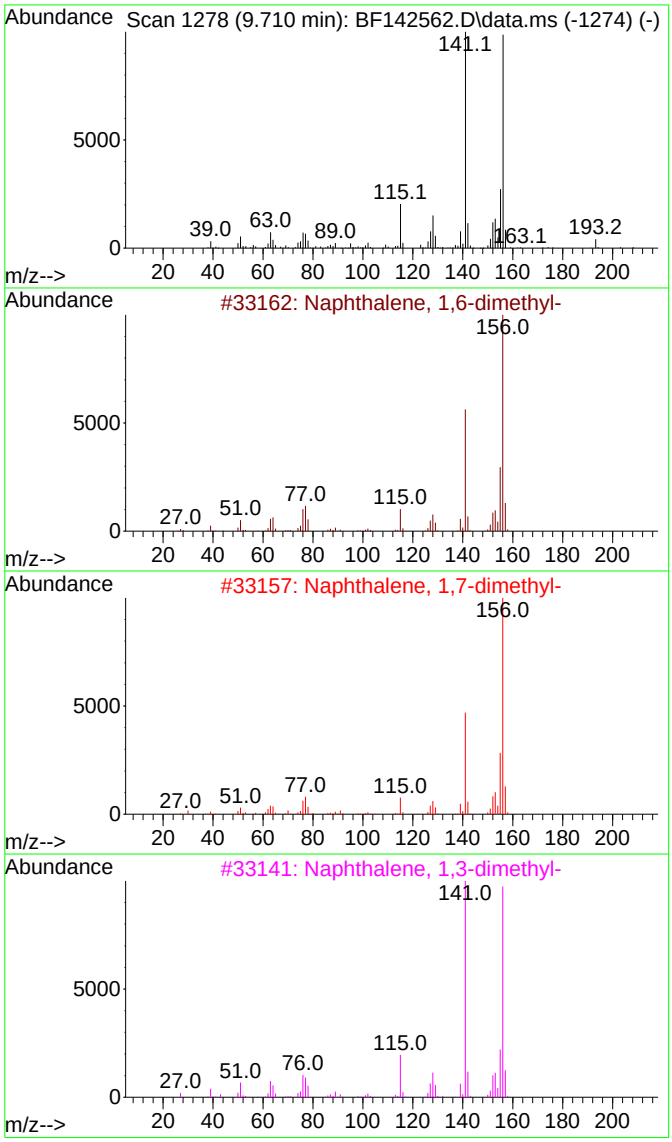
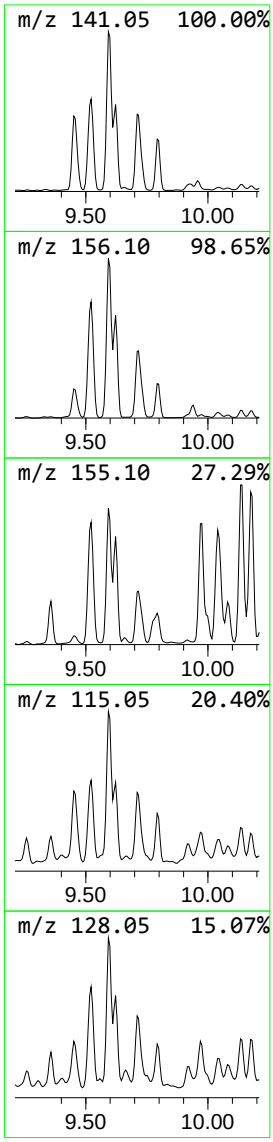
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	7.64 ng	404339	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	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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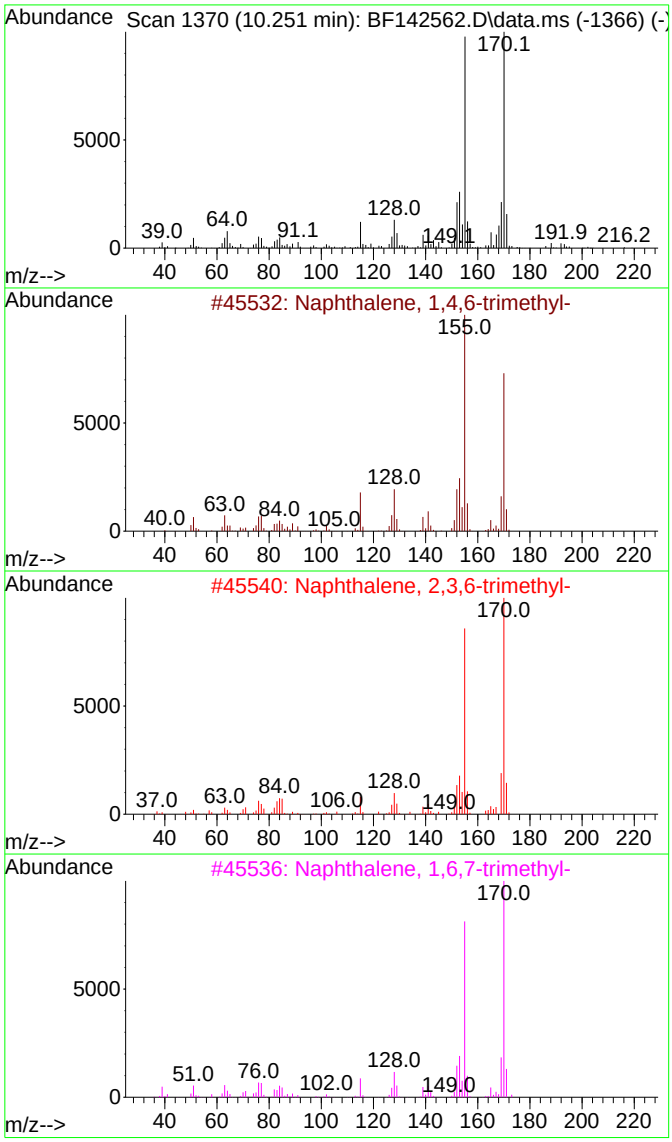
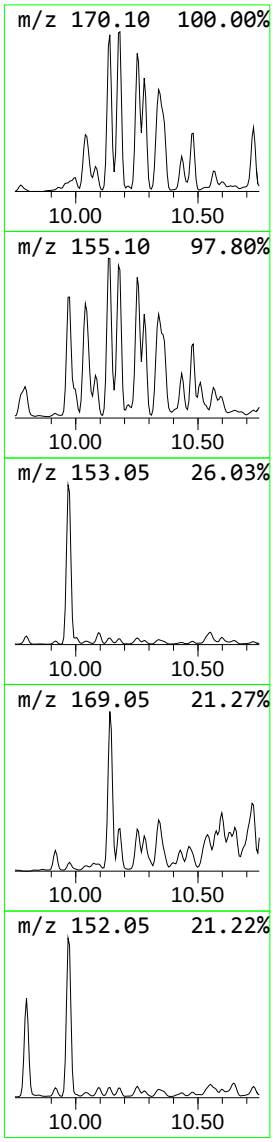
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	4.74 ng	250590	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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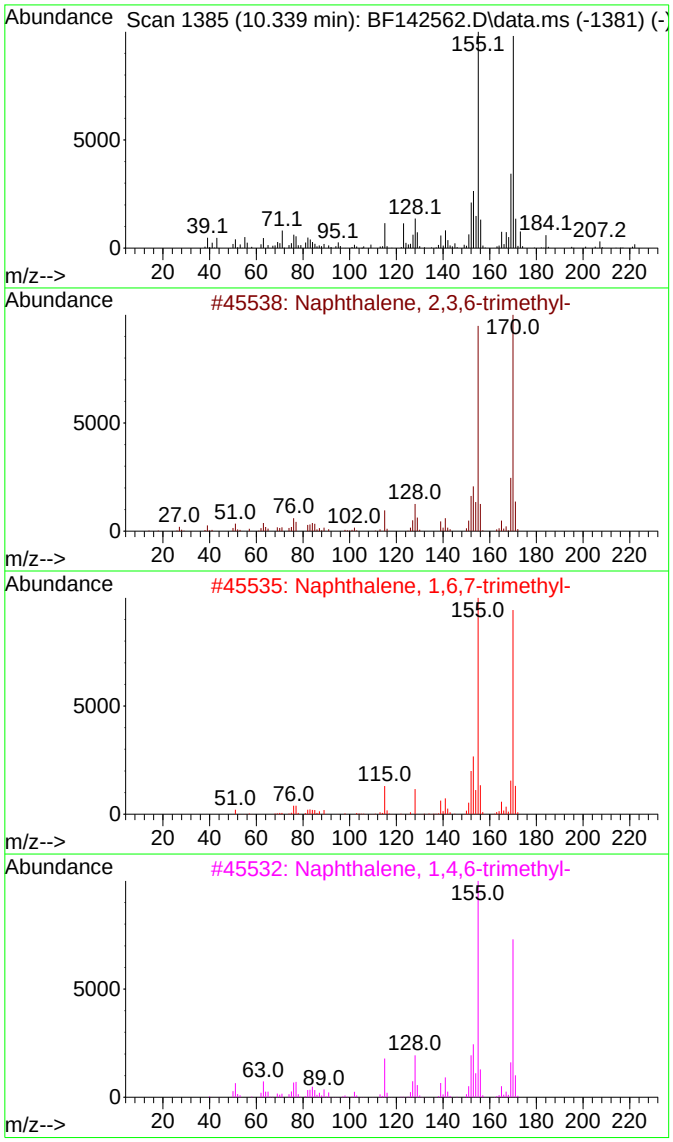
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

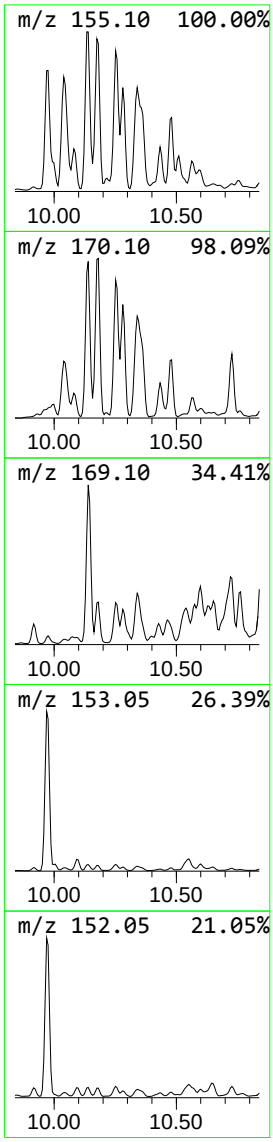
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	5.58 ng	295521	Acenaphthene-d10	9.939

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	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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

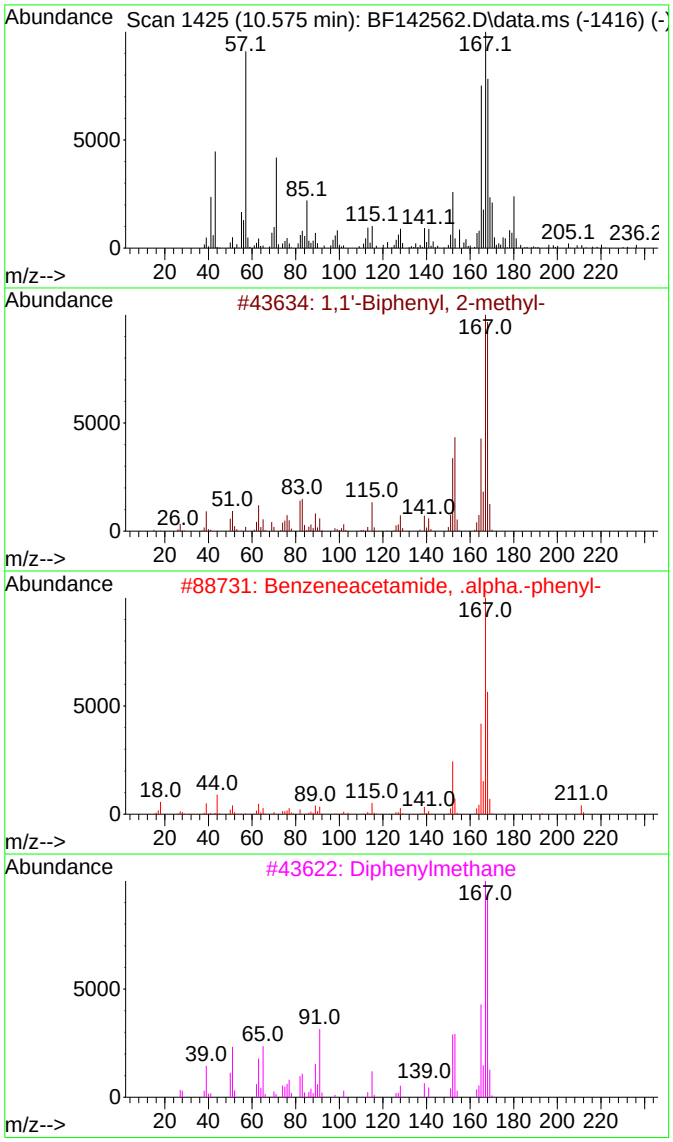
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

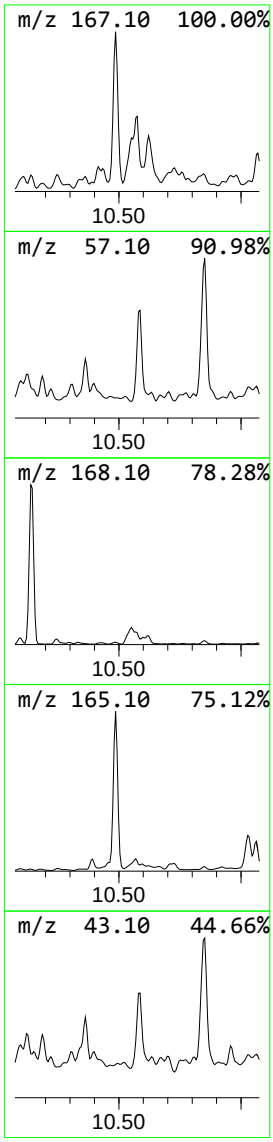
****

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	7.98 ng	422435	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
2	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	49
3	Diphenylmethane	168	C13H12	000101-81-5	45
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	41
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	38





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

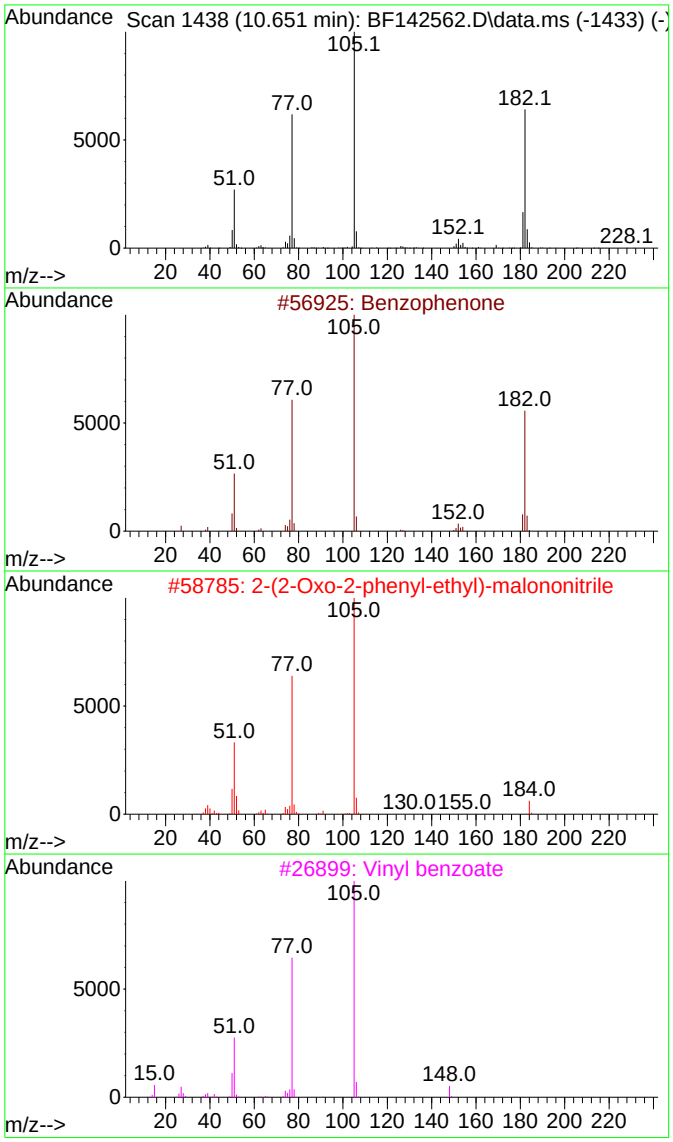
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

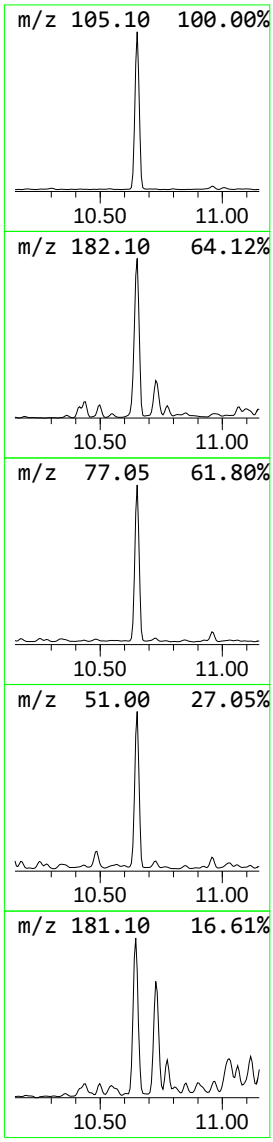
****

Peak Number 11 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	12.64 ng	668891	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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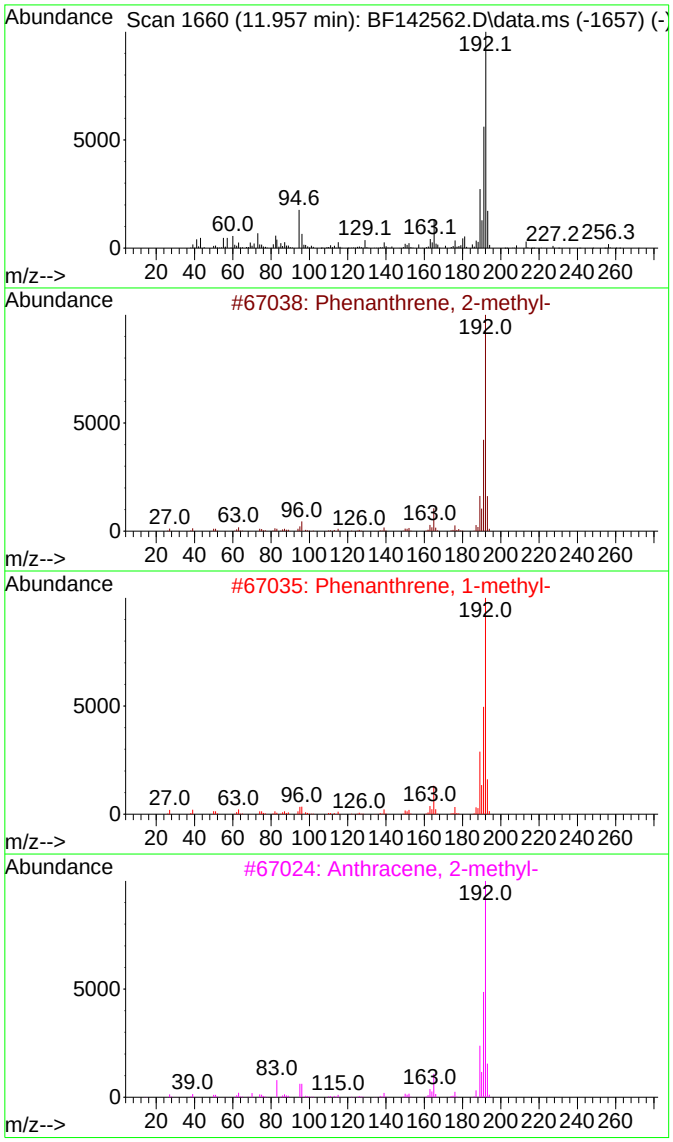
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

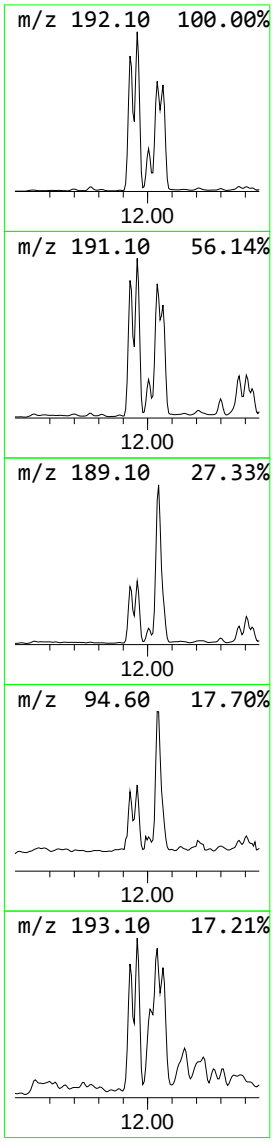
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	6.60 ng	1100490	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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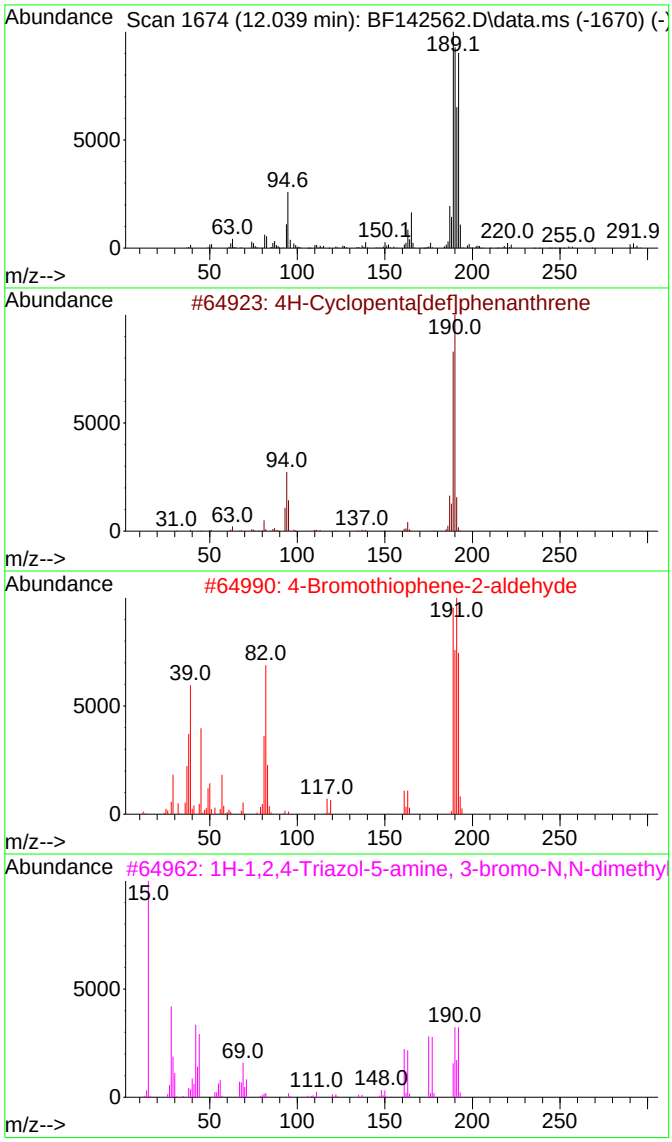
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

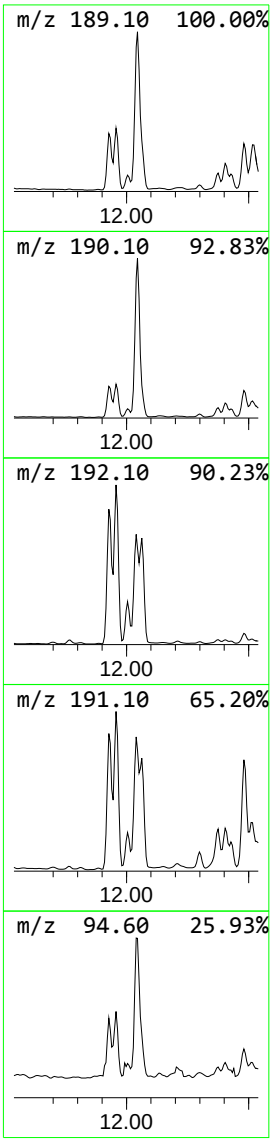
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	8.96 ng	1494790	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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ALS Vial : 12 Sample Multiplier: 1

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

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

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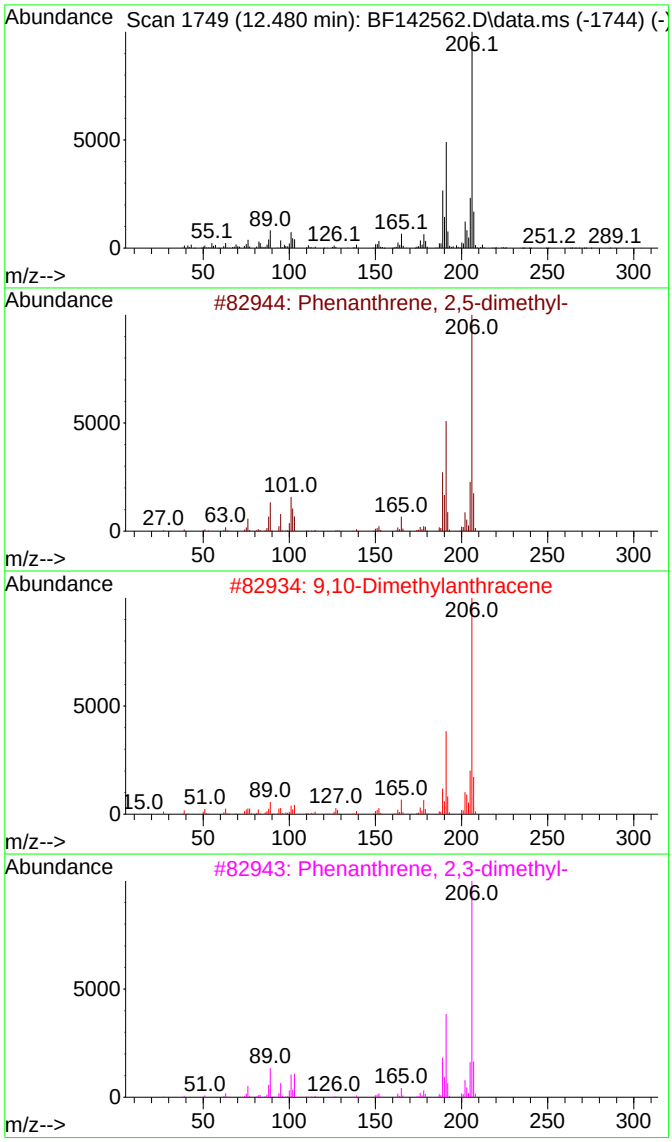
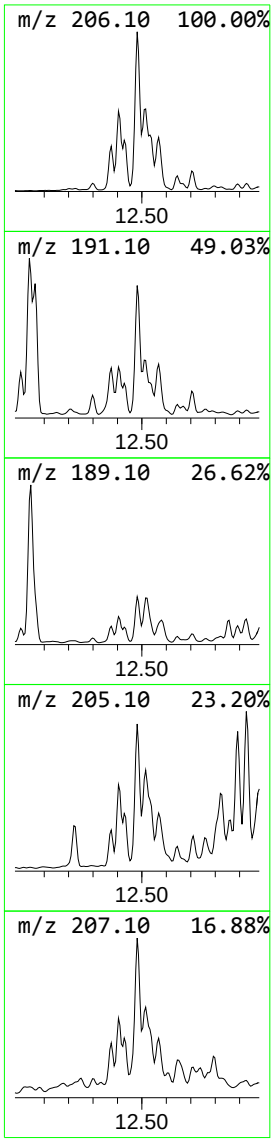
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	5.07 ng	845374	Phenanthrene-d10	11.428

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	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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ALS Vial : 12 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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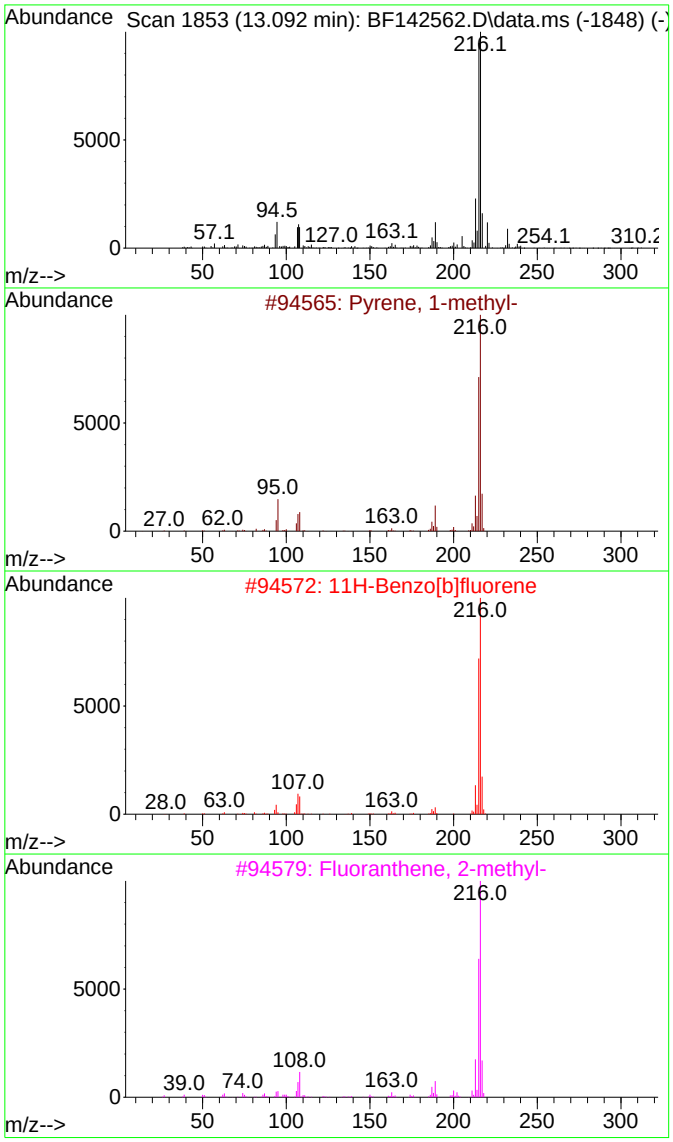
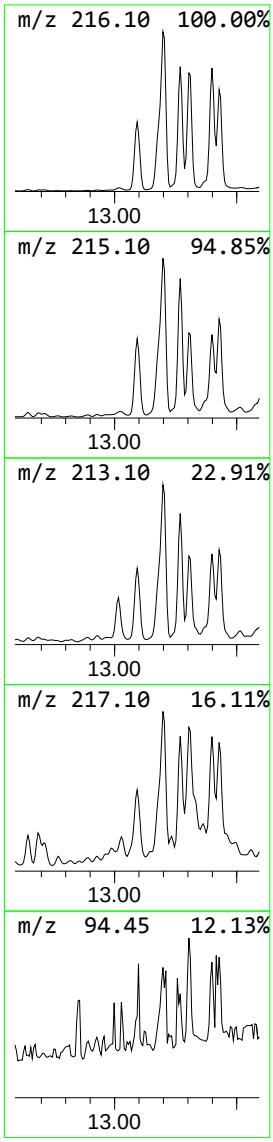
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	5.30 ng	631433	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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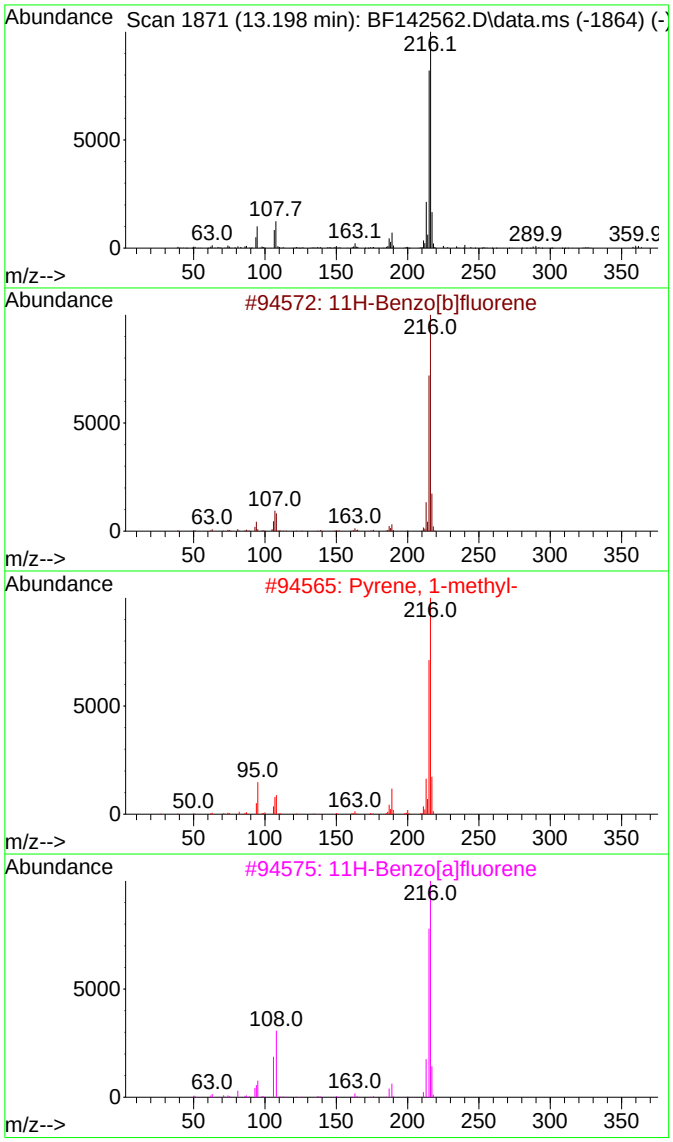
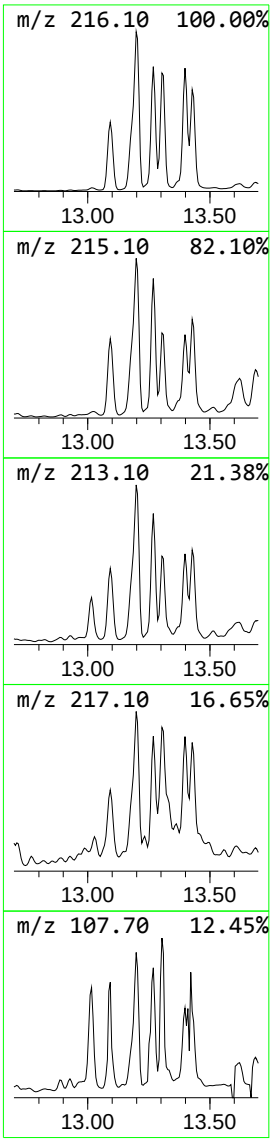
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	7.35 ng	875977	Chrysene-d12	14.075

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	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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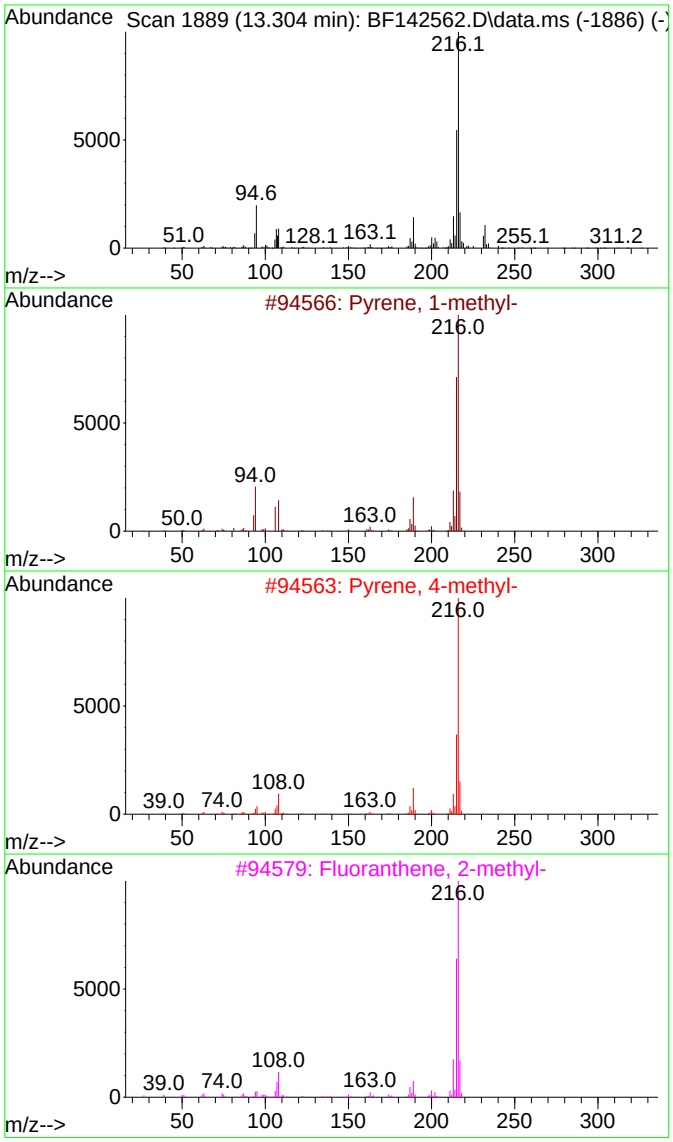
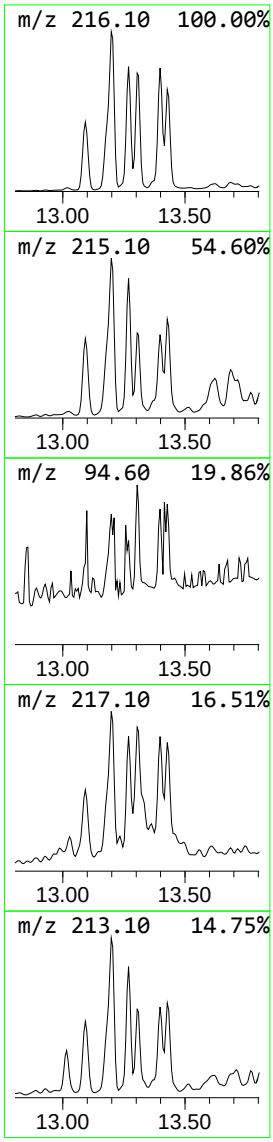
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	4.87 ng	580112	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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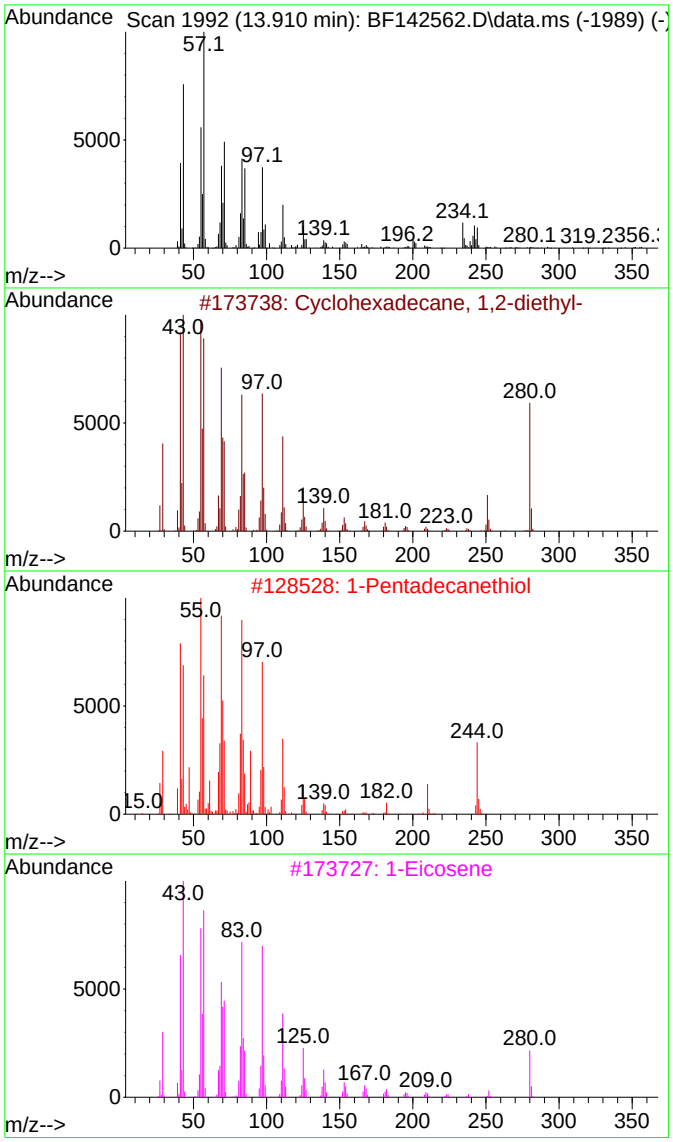
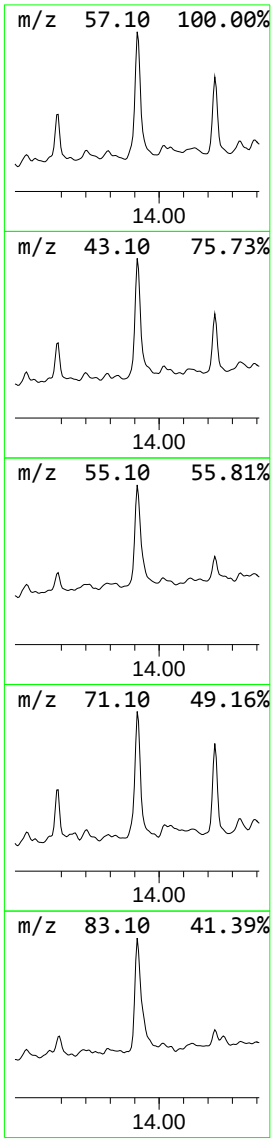
Peak Number 18 Cyclohexadecane, 1,2-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	6.28 ng	748532	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2	1-Pentadecanethiol	244	C15H32S	025276-70-4	90
3	1-Eicosene	280	C20H40	003452-07-1	89
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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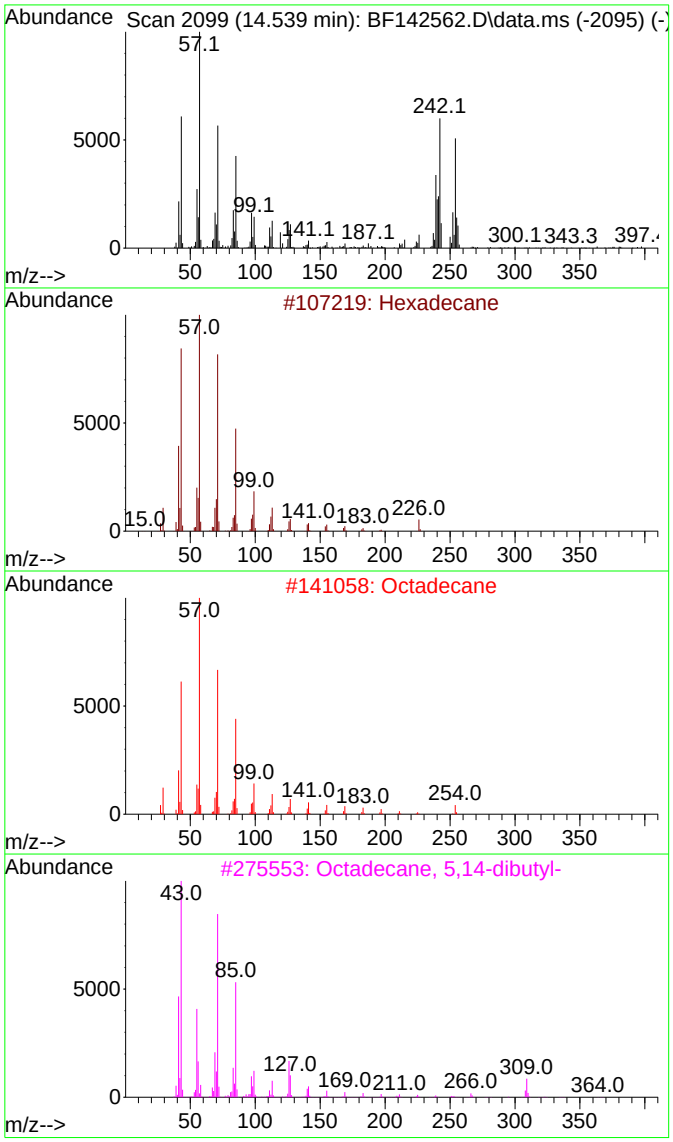
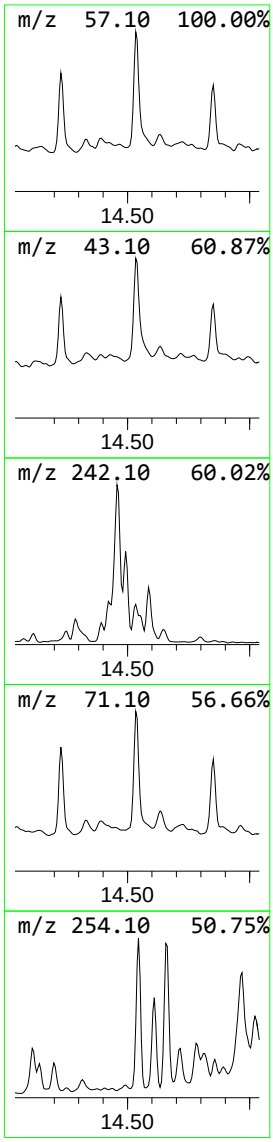
Peak Number 19 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.539	4.06 ng	483423	Chrysene-d12	14.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	60
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	45
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	44
5	Nonadecane	268	C19H40	000629-92-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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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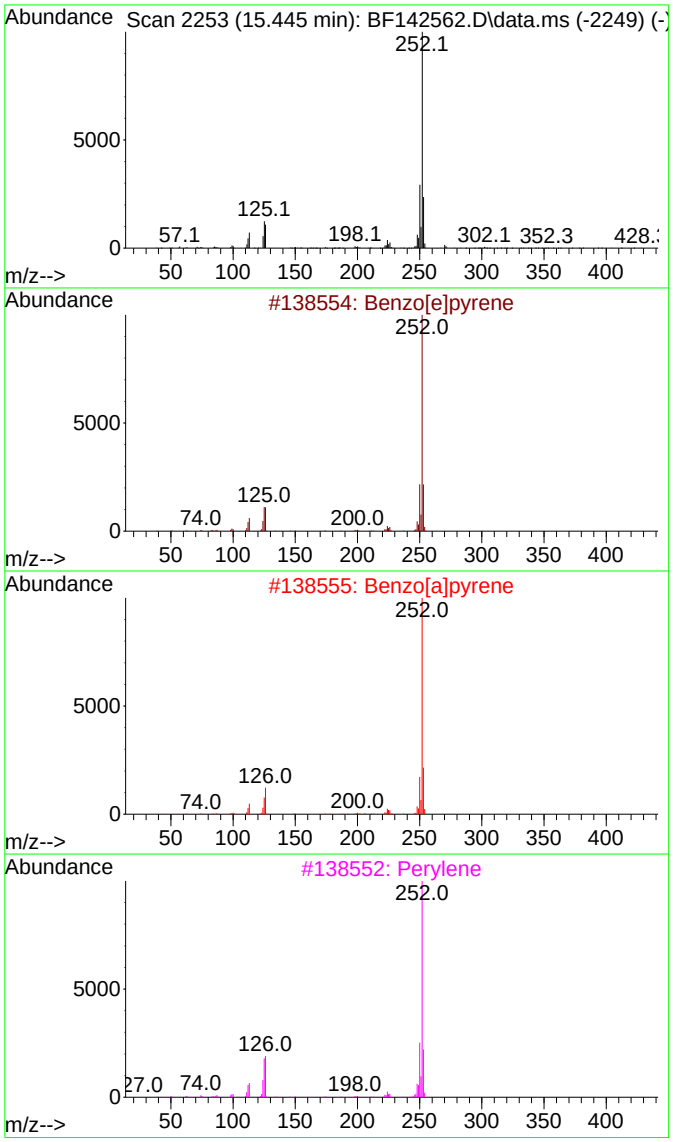
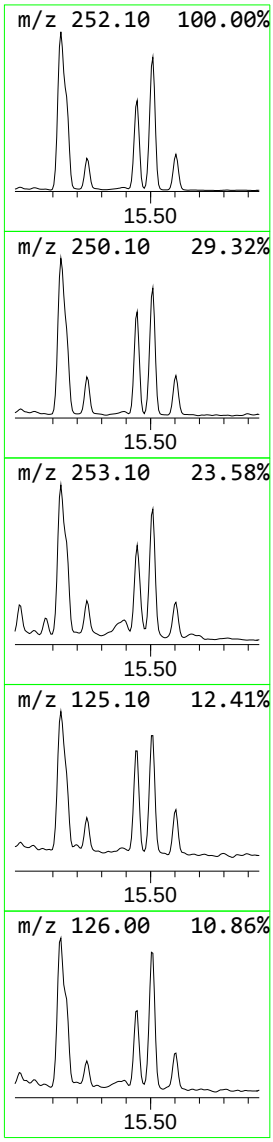
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	25.78 ng	583150	Perylene-d12	15.574

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	98
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
Data File : BF142562.D
Acq On : 27 May 2025 15:23
Operator : RC/JU
Sample : Q2127-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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-...	5.122	11.1	ng	373621	1	6.898	675719	20.0
Naphthalene, 1-...	9.451	4.3	ng	228230	3	9.939	1058430	20.0
Naphthalene, 1,...	9.522	10.1	ng	531858	3	9.939	1058430	20.0
Naphthalene, 2,...	9.592	14.2	ng	748810	3	9.939	1058430	20.0
Naphthalene, 2,...	9.622	6.6	ng	347912	3	9.939	1058430	20.0
unknown9.651	9.651	7.2	ng	381504	3	9.939	1058430	20.0
Naphthalene, 1,...	9.710	7.6	ng	404339	3	9.939	1058430	20.0
Naphthalene, 1,...	10.251	4.7	ng	250590	3	9.939	1058430	20.0
Naphthalene, 2,...	10.339	5.6	ng	295521	3	9.939	1058430	20.0
1,1'-Biphenyl, ...	10.575	8.0	ng	422435	3	9.939	1058430	20.0
Benzophenone	10.651	12.6	ng	668891	3	9.939	1058430	20.0
Phenanthrene, 2...	11.957	6.6	ng	1100490	4	11.428	3336250	20.0
4H-Cyclopenta[d...	12.039	9.0	ng	1494790	4	11.428	3336250	20.0
Phenanthrene, 2...	12.480	5.1	ng	845374	4	11.428	3336250	20.0
Pyrene, 1-methyl-	13.092	5.3	ng	631433	5	14.075	2382610	20.0
11H-Benzo[b]flu...	13.198	7.3	ng	875977	5	14.075	2382610	20.0
Pyrene, 4-methyl-	13.304	4.9	ng	580112	5	14.075	2382610	20.0
Cyclohexadecane...	13.910	6.3	ng	748532	5	14.075	2382610	20.0
Hexadecane	14.539	4.1	ng	483423	5	14.075	2382610	20.0
Benzo[e]pyrene	15.445	25.8	ng	583150	6	15.574	452488	20.0