LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142877.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	555	561	587	rVB	871386	1135279	6.04%	0.782%
2	6.504	727	733	744	rVB	848714	1149592	6.12%	0.792%
3	6.875	791	796	801	rBV	370508	447839	2.38%	0.309%
4	7.434	885	891	897	rBV	558475	738957	3.93%	0.509%
5	8.157	1009	1014	1024	rBV	459824	616923	3.28%	0.425%
6	9.234	1192	1197	1202	rVB	1182209	1441428	7.67%	0.993%
7	9.498	1237	1242	1247	rBV	171104	268208	1.43%	0.185%
8	9.575	1249	1255	1258	rBV	288006	439918	2.34%	0.303%
9	9.692	1268	1275	1284	rVV2	144397	313244	1.67%	0.216%
10	9.775	1284	1289	1294	rVB	179462	240600	1.28%	0.166%
11	9.916	1306	1313	1316	rBV	434384	708141	3.77%	0.488%
12	9.957	1316	1320	1327	rVB	3242133	4468562	23.77%	3.080%
13	10.075	1335	1340	1344	rBV	352445	473170	2.52%	0.326%
14	10.122	1344	1348	1352	rBV	968704	1223955	6.51%	0.844%
15	10.157	1352	1354	1362	rVB	194783	238429	1.27%	0.164%
16	10.233	1362	1367	1370	rBV	224187	321403	1.71%	0.222%
17	10.322	1377	1382	1389	rBV3	127636	305526	1.63%	0.211%
18	10.416	1391	1398	1402	rBV3	150998	297873	1.58%	0.205%
19	10.475	1402	1408	1412	rBV	2182645	3015967	16.04%	2.079%
20	10.533	1412	1418	1424	rBV3	729547	1861621	9.90%	1.283%
21	10.628	1430	1434	1438	rVB2	796172	1135347	6.04%	0.782%
22	10.710	1443	1448	1453	rBV	1197990	1730462	9.21%	1.193%
23	10.751	1453	1455	1460	rVB	190201	238050	1.27%	0.164%
24	10.816	1462	1466	1474	rBV4	374534	674668	3.59%	0.465%
25	10.945	1484	1488	1493	rBV5	113702	230087	1.22%	0.159%
26	11.016	1493	1500	1503	rBV3	676527	1129556	6.01%	0.778%
27	11.045	1503	1505	1508	rVB2	203866	197391	1.05%	0.136%
28	11.098	1511	1514	1517	rVB	295389	354711	1.89%	0.244%
29	11.145	1517	1522	1524	rBV2	354147	625984	3.33%	0.431%
30	11.216	1531	1534	1538	rVB3	234737	301072	1.60%	0.207%
31	11.263	1538	1542	1546	rVV2	550193	869501	4.63%	0.599%
32	11.310	1546	1550	1556	rVB	938962	1323035	7.04%	0.912%
33	11.457	1563	1575	1579	rBV	5583343	11389700	60.59%	7.850%
34	11.498	1579	1582	1591	rVB2	1740791	2726431	14.50%	1.879%
35	11.639	1601	1606	1614	rBV5	345879	785130	4.18%	0.541%
36	11.704	1614	1617	1621	rVV	431635	569632	3.03%	0.393%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.745	1621	1624	1628	rVB2	189248	262021	1.39%	0.181%
38	11.822	1634	1637	1642	rVB2	211088	284981	1.52%	0.196%
39	11.916	1648	1653	1655	rBV	924348	1336870	7.11%	0.921%
40	11.945	1655	1658	1662	rVB	1489430	1906746	10.14%	1.314%
41	11.998	1662	1667	1669	rBV	645002	897081	4.77%	0.618%
42	12.039	1669	1674	1680	rVB2	3256938	5504431	29.28%	3.794%
43	12.151	1689	1693	1698	rBV3	123844	236097	1.26%	0.163%
44	12.210	1698	1703	1706	rBV	815983	993912	5.29%	0.685%
45	12.245	1706	1709	1713	rVB2	286734	374634	1.99%	0.258%
46	12.357	1723	1728	1731	rBV	303139	408229	2.17%	0.281%
47	12.463	1742	1746	1750	rBV	441155	695559	3.70%	0.479%
48	12.504	1750	1753	1760	rVB2	359387	608097	3.24%	0.419%
49	12.592	1760	1768	1771	rBV	763146	1346367	7.16%	0.928%
50	12.669	1771	1781	1787	rBV	6622695	18659145	99.27%	12.860%
51	12.792	1797	1802	1807	rBV	1009001	1323675	7.04%	0.912%
52	12.892	1807	1819	1829	rVB3	6702792	18796952	100.00%	12.955%
53	12.992	1830	1836	1840	rBV2	1258139	2387088	12.70%	1.645%
54	13.027	1840	1842	1846	rVB	539479	551220	2.93%	0.380%
55	13.086	1846	1852	1859	rBV4	966779	2091839	11.13%	1.442%
56	13.198	1862	1871	1875	rVV	1771699	3594067	19.12%	2.477%
57	13.263	1877	1882	1885	rVV	1549399	2212483	11.77%	1.525%
58	13.298	1885	1888	1895	rVV3	1167272	2468410	13.13%	1.701%
59	13.351	1895	1897	1900	rVV	311100	347250	1.85%	0.239%
60	13.392	1900	1904	1906	rVV	473370	630508	3.35%	0.435%
61	13.421	1906	1909	1915	rVB2	606147	888422	4.73%	0.612%
62	13.592	1931	1938	1939	rBV3	171976	377999	2.01%	0.261%
63	13.674	1948	1952	1953	rBV	201304	229924	1.22%	0.158%
64	13.704	1953	1957	1961	rVB	518940	705973	3.76%	0.487%
65	13.816	1971	1976	1978	rBV	1033391	1548638	8.24%	1.067%
66	13.839	1978	1980	1983	rVV	827446	1134356	6.03%	0.782%
67	13.868	1983	1985	1990	rVB3	735024	1009056	5.37%	0.695%
68	13.980	2000	2004	2010	rVB	291415	466408	2.48%	0.321%
69	14.063	2010	2018	2022	rBV	3185276	6916760	36.80%	4.767%
70	14.104	2022	2025	2031	rVB	3226693	4827865	25.68%	3.327%
71	14.180	2034	2038	2042	rVB	847174	1069845	5.69%	0.737%
72	14.280	2052	2055	2059	rVB2	321842	397068	2.11%	0.274%
73	14.321	2059	2062	2067	rVB3	167252	211580	1.13%	0.146%
74	14.445	2079	2083	2086	rBV	385866	475071	2.53%	0.327%
75	14.480	2086	2089	2093	rVB3	267803	357540	1.90%	0.246%
76	14.539	2094	2099	2102	rBV2	183655	350843	1.87%	0.242%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.574	2102	2105	2106	rBV2	195952	200597	1.07%	0.138%
78	14.639	2112	2116	2122	rVB3	212463	375326	2.00%	0.259%
79	14.763	2132	2137	2146	rVB2	322094	586513	3.12%	0.404%
80	14.951	2164	2169	2176	rVB3	179645	328937	1.75%	0.227%
81	15.127	2191	2199	2208	rBV	1738708	4633356	24.65%	3.193%
82	15.227	2213	2216	2220	rVB	239601	301131	1.60%	0.208%
83	15.321	2228	2232	2237	rBV2	93159	218256	1.16%	0.150%
84	15.433	2245	2251	2257	rVB	801253	1330020	7.08%	0.917%
85	15.498	2257	2262	2267	rVV2	1077329	1738974	9.25%	1.199%
86	15.551	2267	2271	2274	rVV2	273678	521082	2.77%	0.359%
87	15.592	2274	2278	2286	rVB	319271	556500	2.96%	0.384%
88	15.710	2294	2298	2306	rBV2	114977	196493	1.05%	0.135%
89	17.057	2521	2527	2532	rBV2	223431	493618	2.63%	0.340%
90	17.515	2598	2605	2616	rVB	158723	375620	2.00%	0.259%
91	17.656	2621	2629	2641	rBV6	92821	366486	1.95%	0.253%

Sum of corrected areas: 145095311

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
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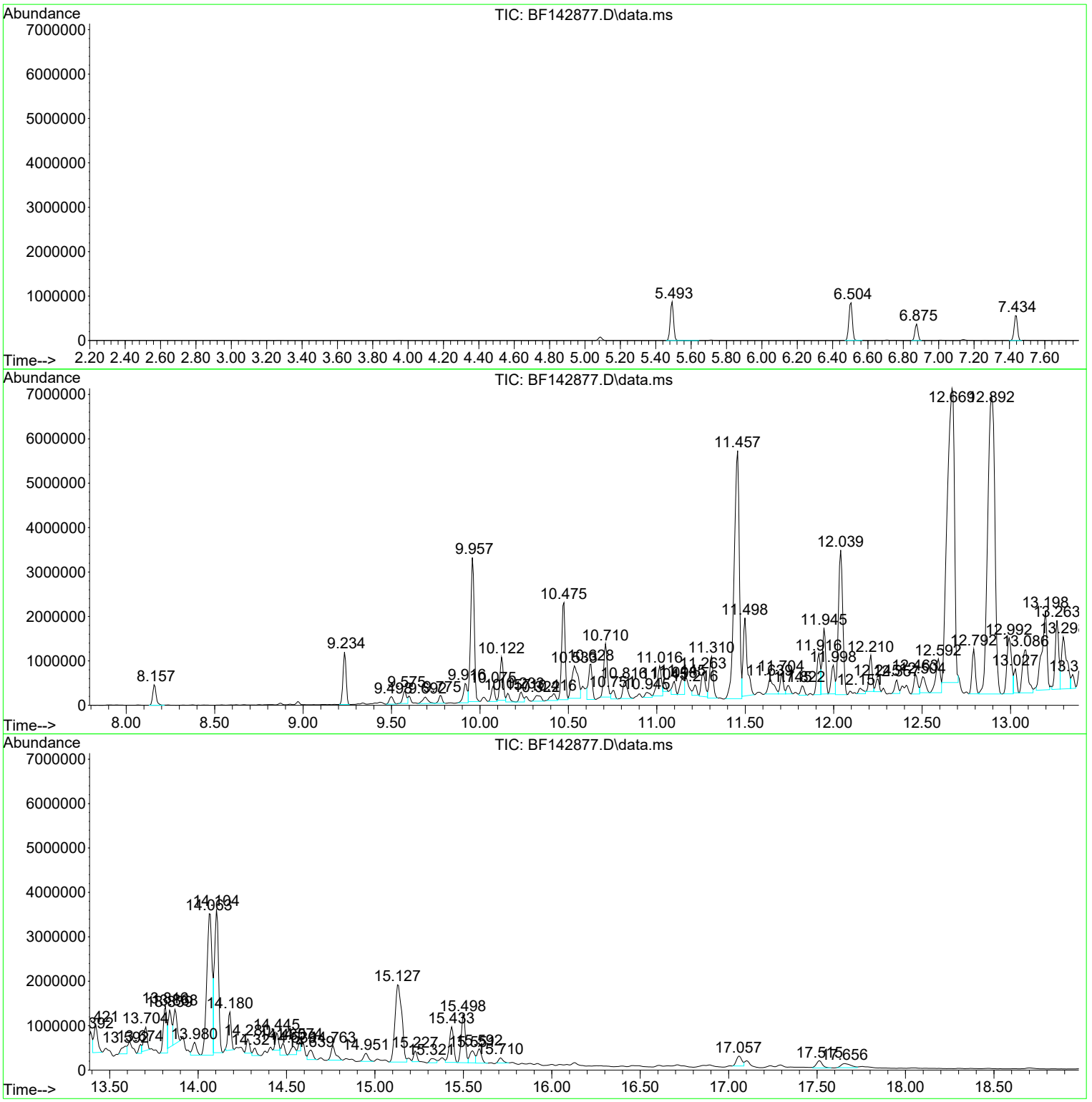
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

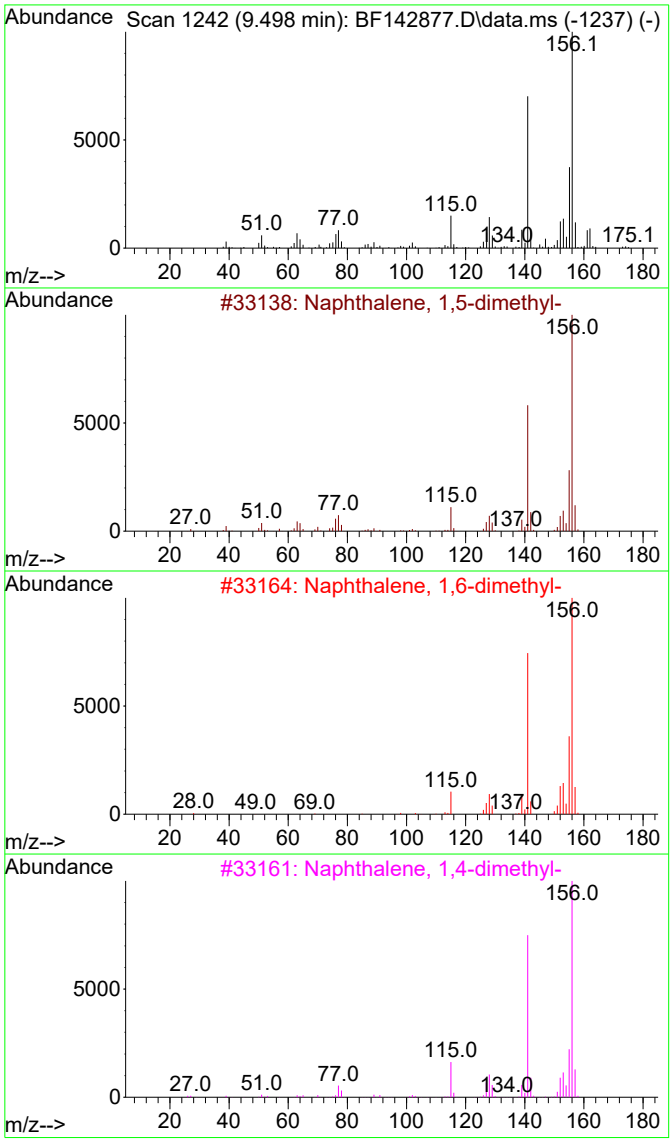
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

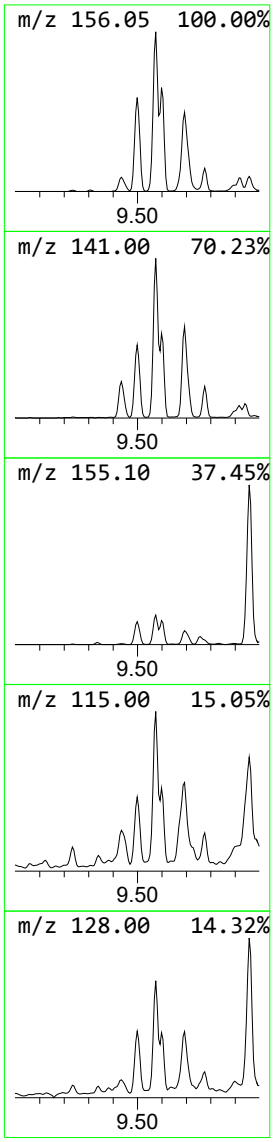
****

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	7.57 ng	268208	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

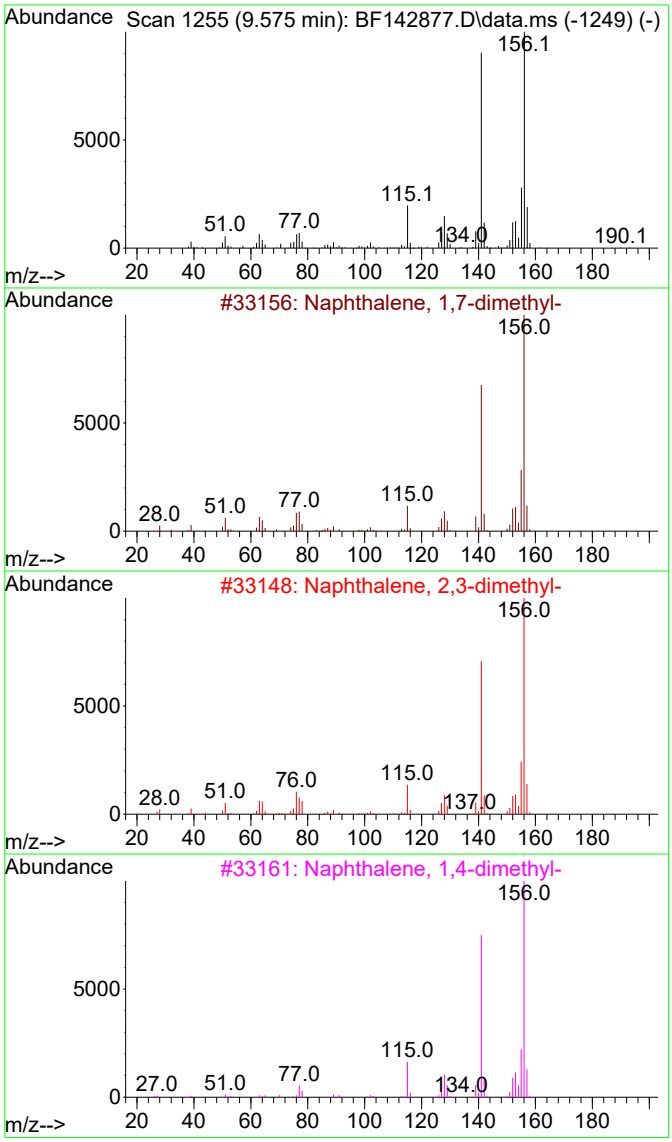
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

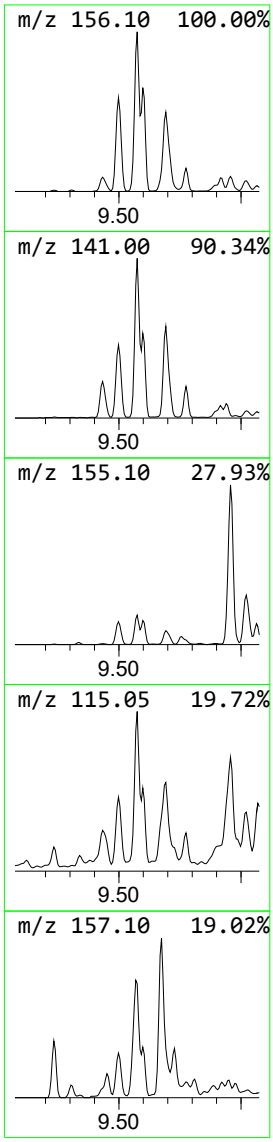
****

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	12.42 ng	439918	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	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, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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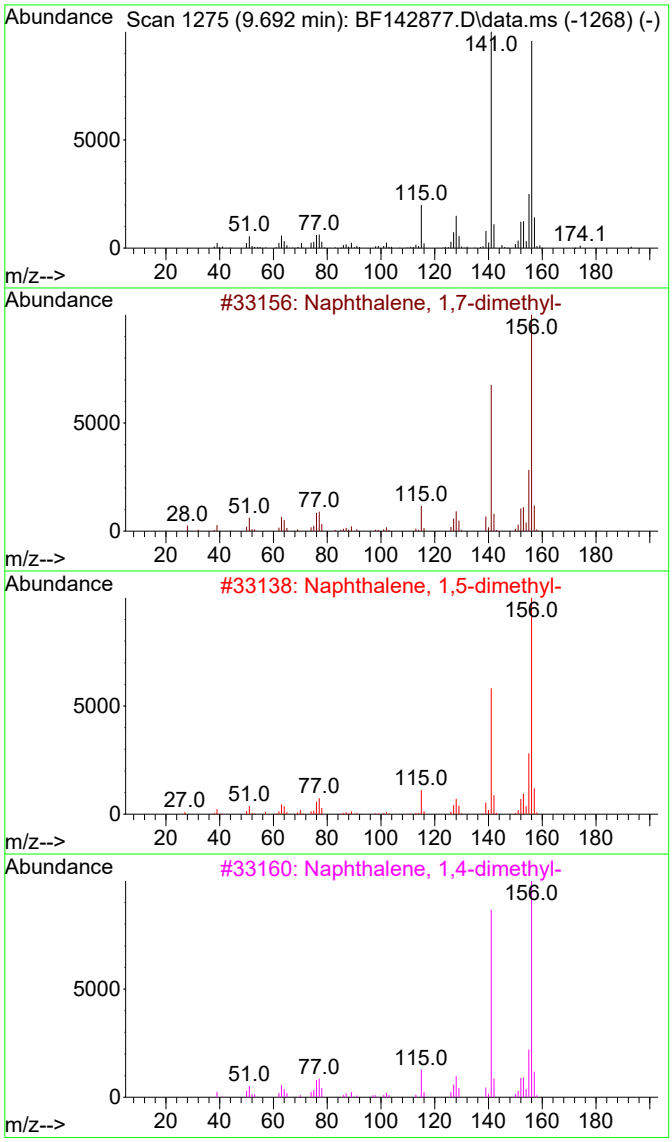
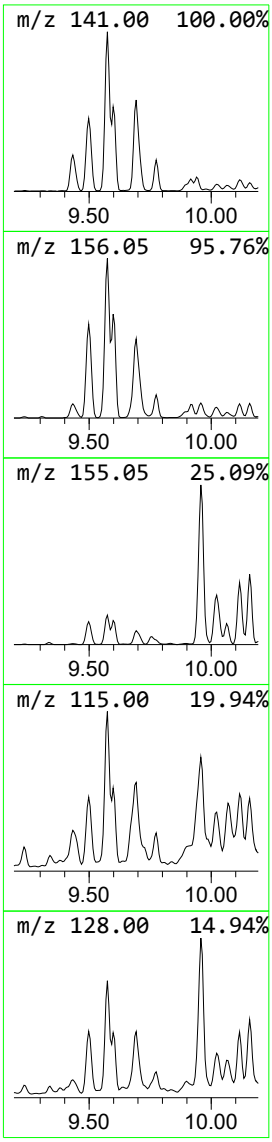
Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	8.85 ng	313244	Acenaphthene-d10	9.916

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

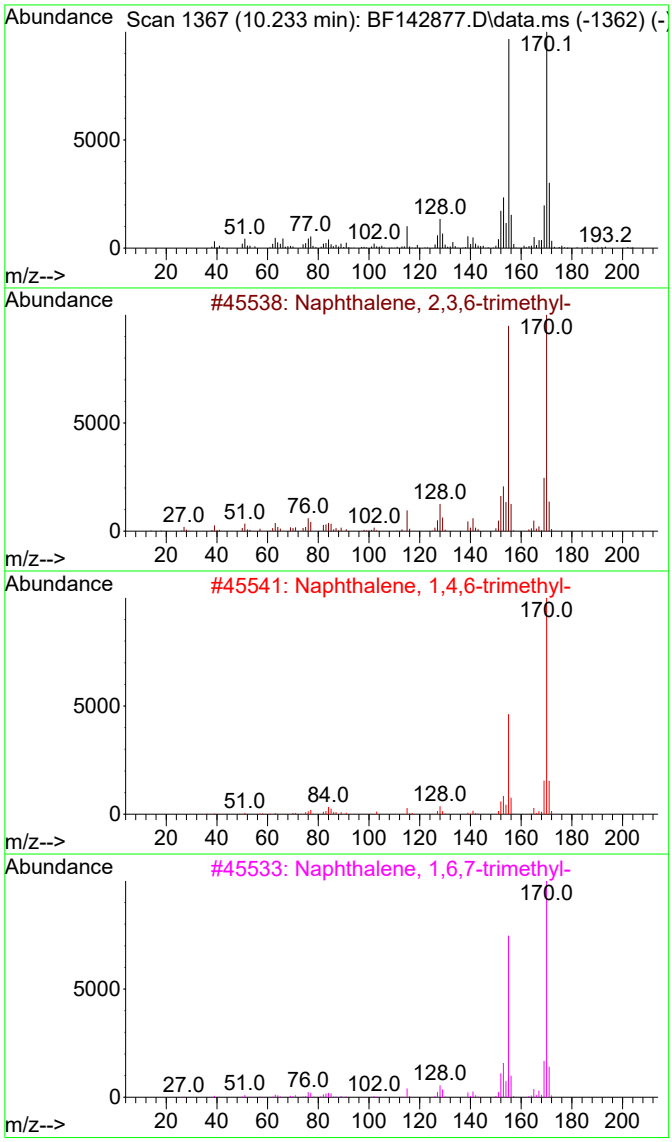
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

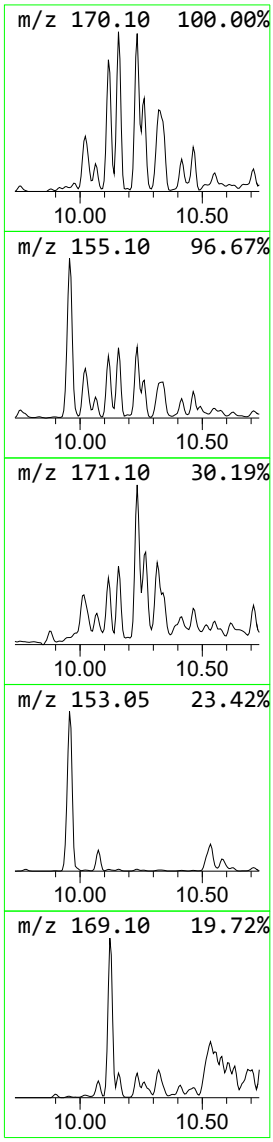
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	9.08 ng	321403	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

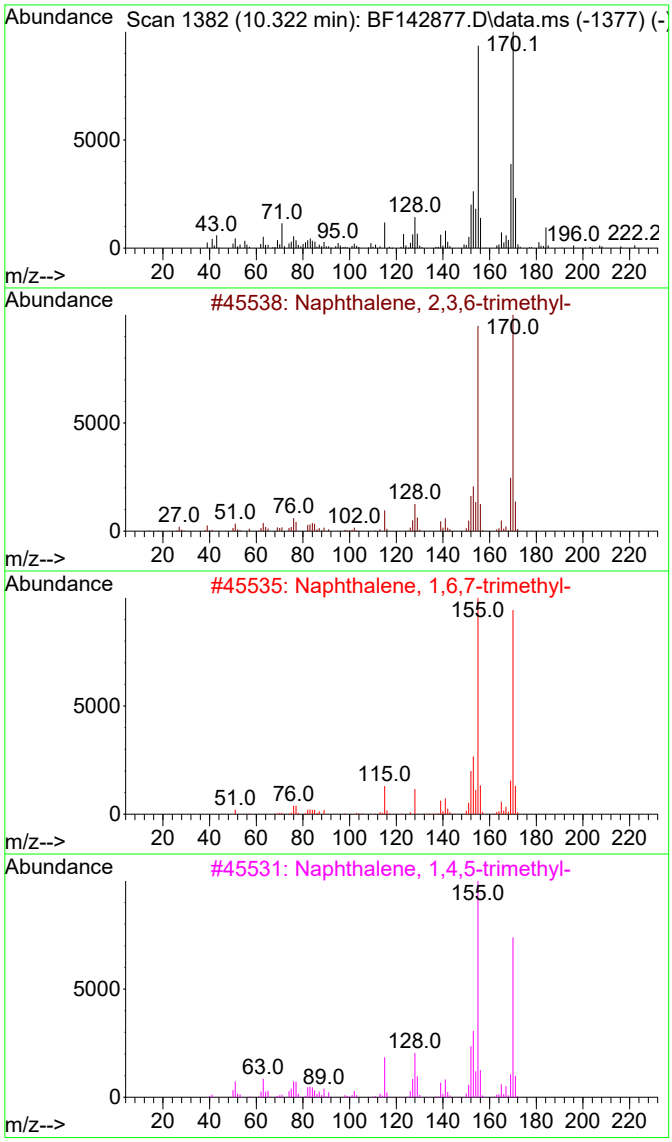
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

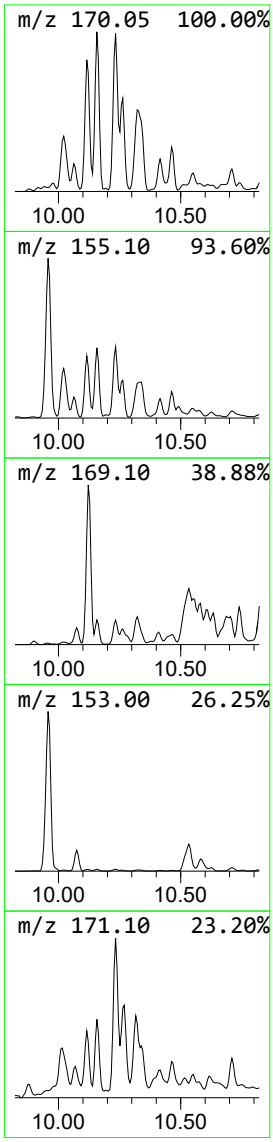
****

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	8.63 ng	305526	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

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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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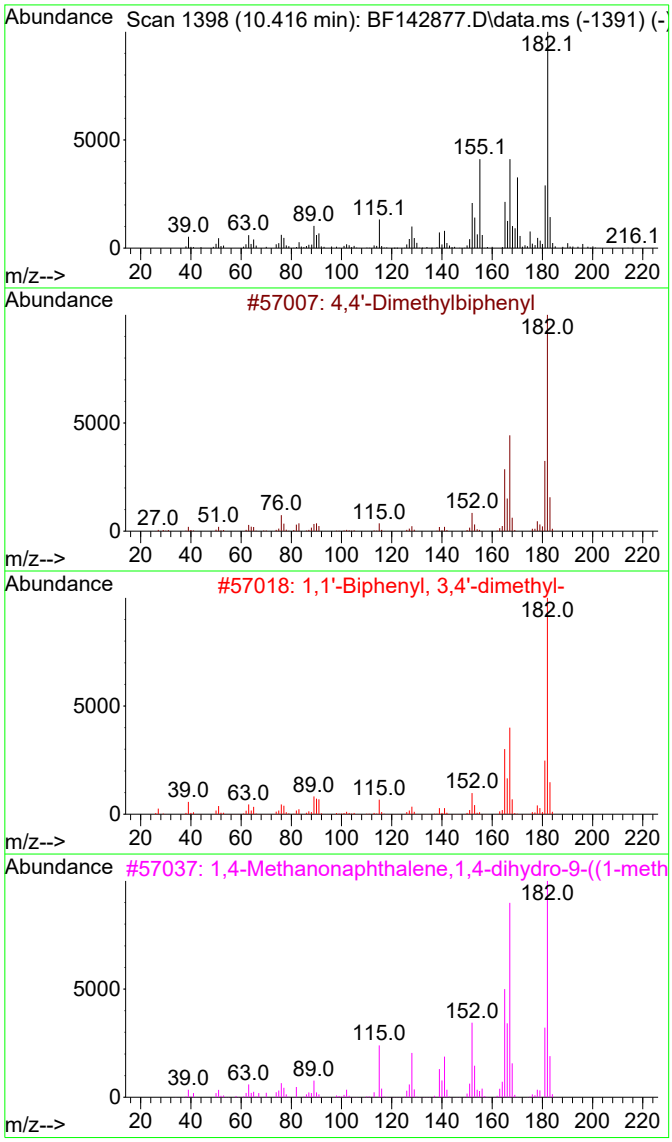
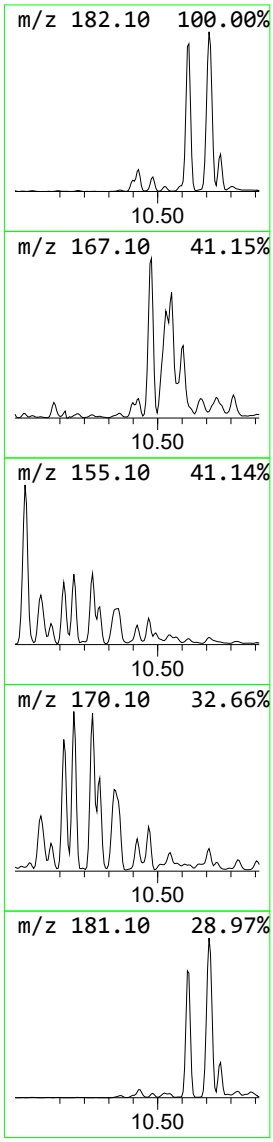
Peak Number 6 4,4'-Dimethylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	8.41 ng	297873	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	91
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	60
5	Dehydrochamazulene	182	C14H14	321732-25-6	49





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Sample : Q2420-01
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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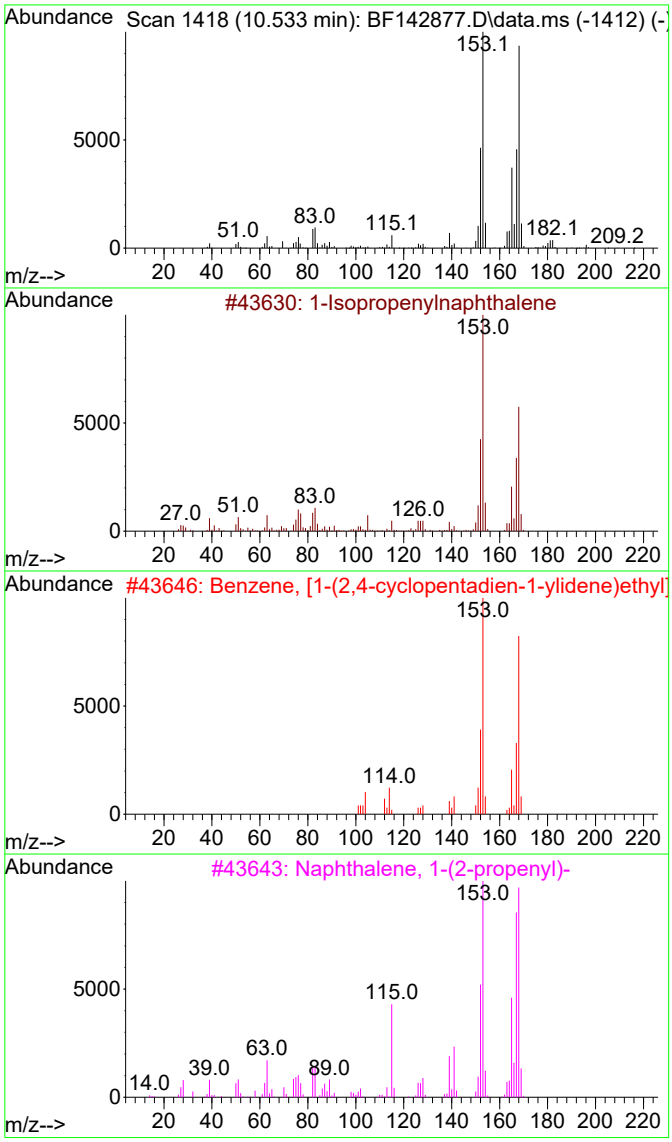
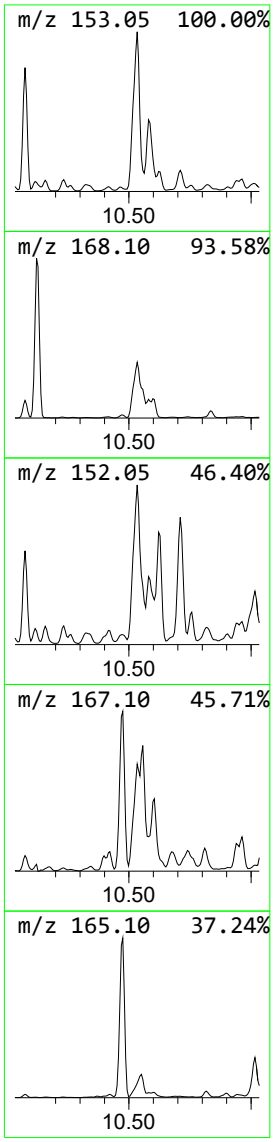
Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	52.58 ng	1861620	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	95
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	47





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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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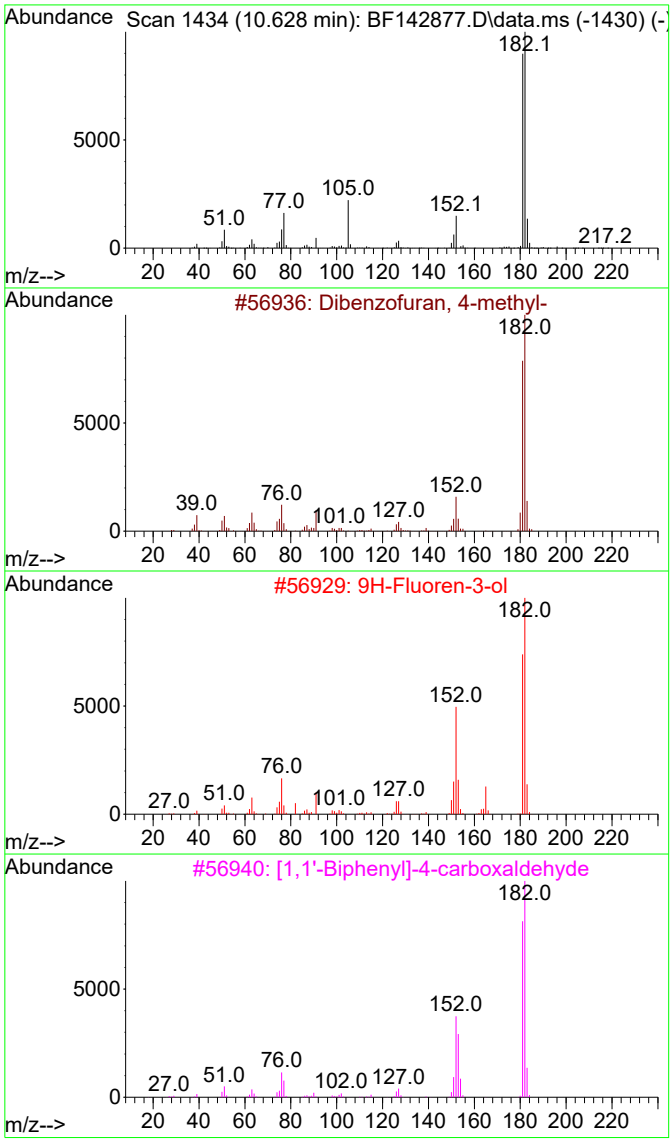
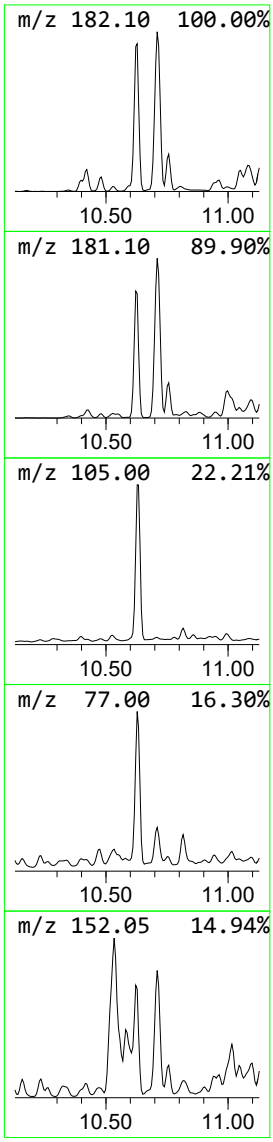
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	32.07 ng	1135350	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	72
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64





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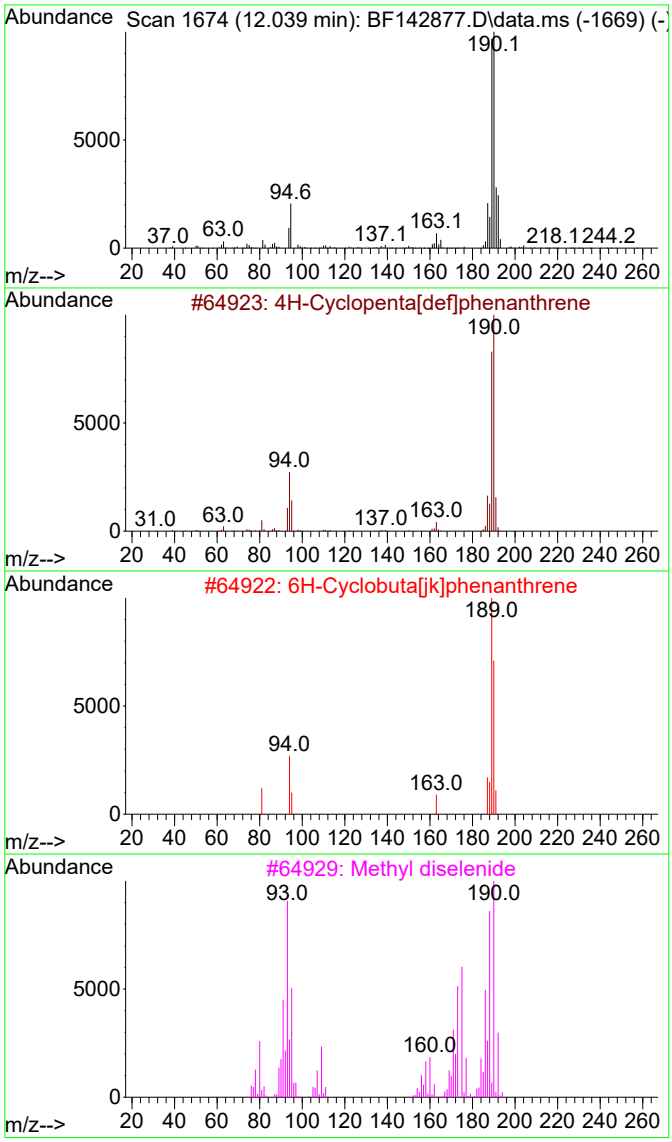
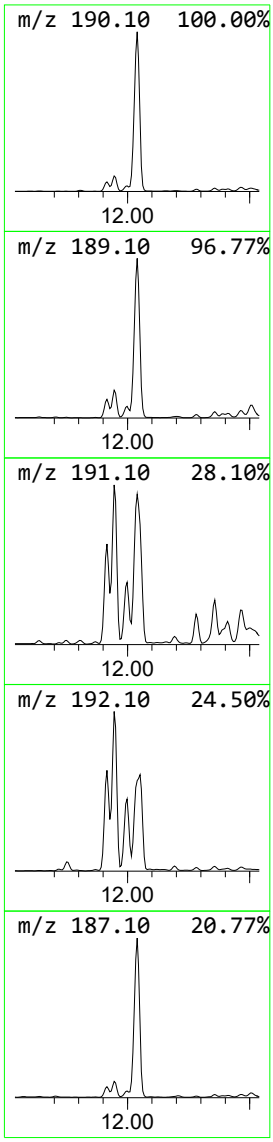
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	9.67 ng	5504430	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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TIC Library : C:\Database\NIST20.L
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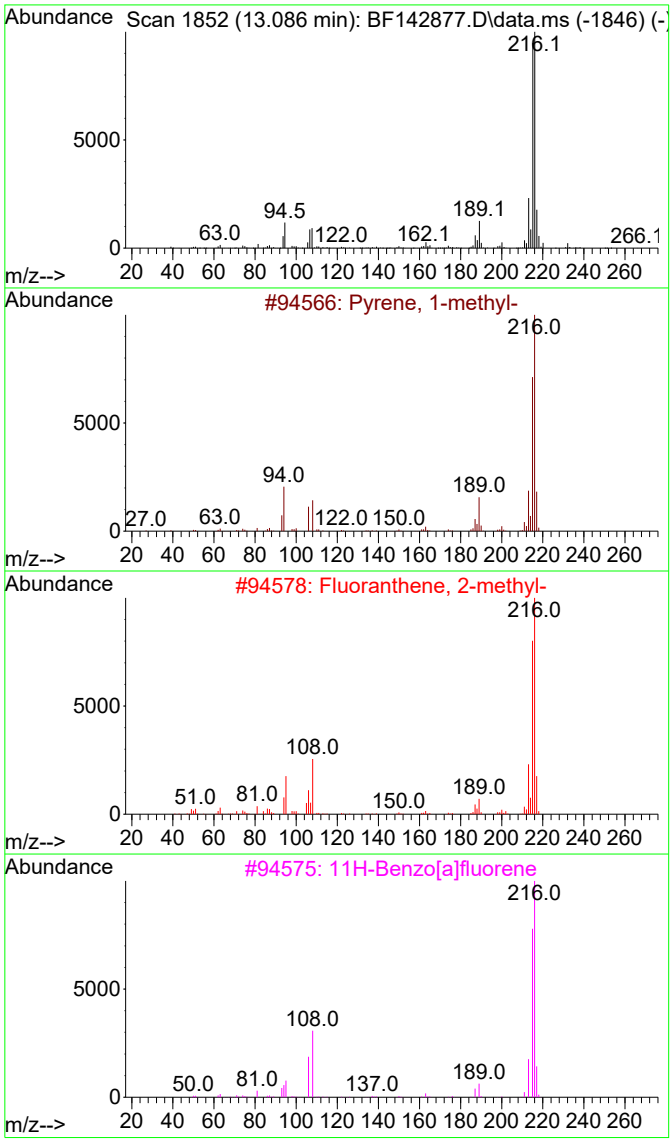
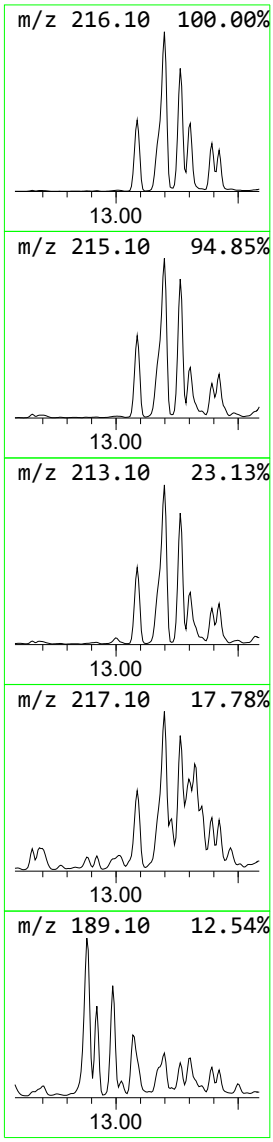
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	6.05 ng	2091840	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





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TIC Library : C:\Database\NIST20.L
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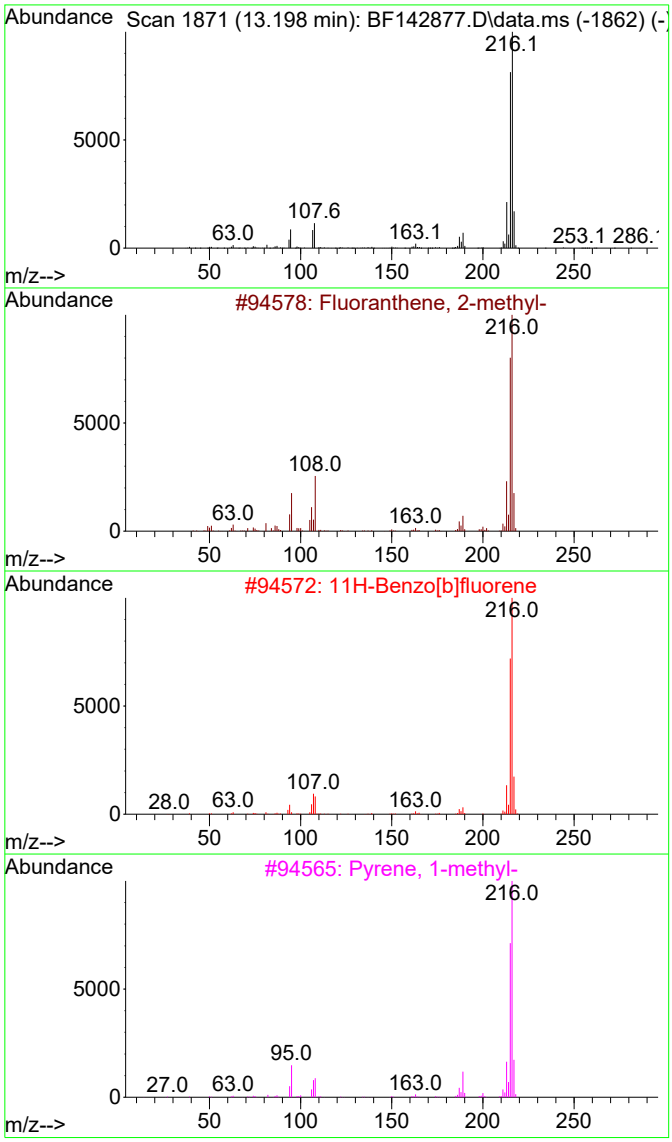
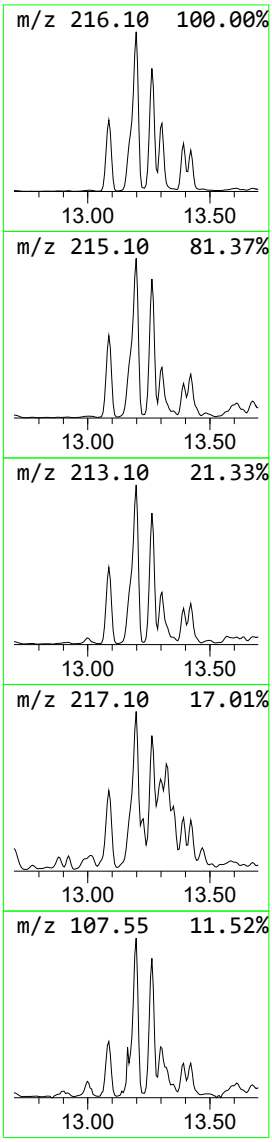
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	10.39 ng	3594070	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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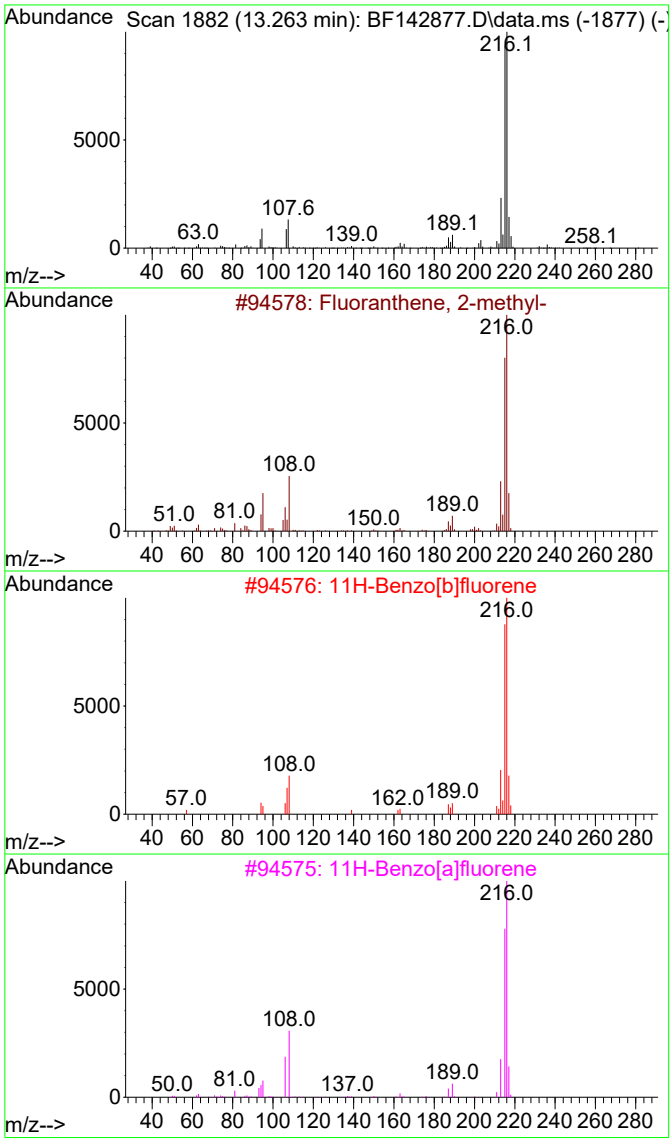
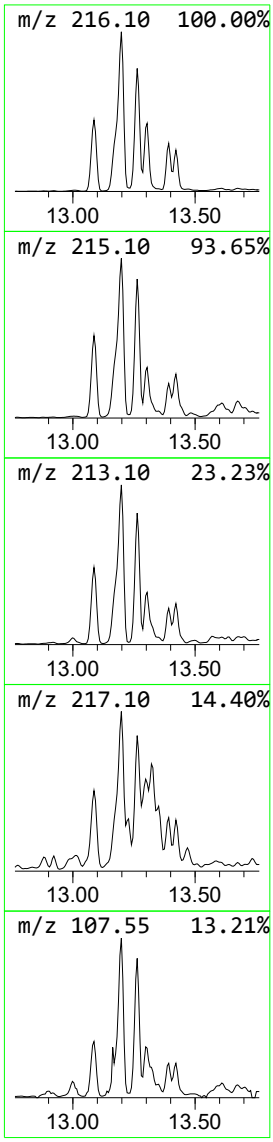
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.263	6.40 ng	2212480	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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

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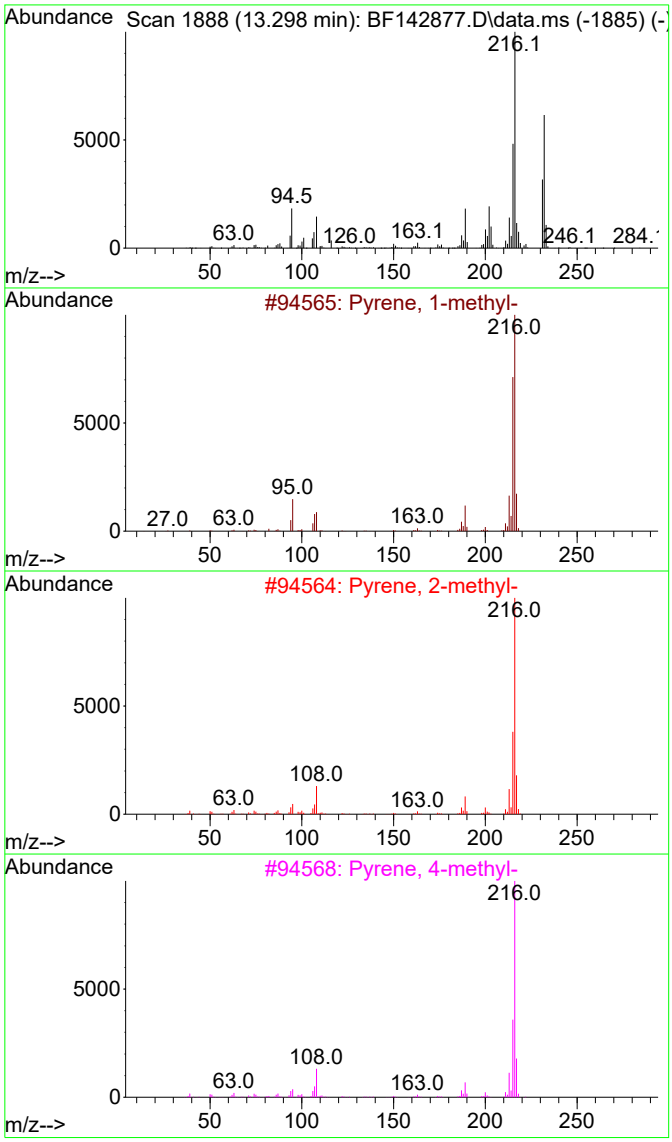
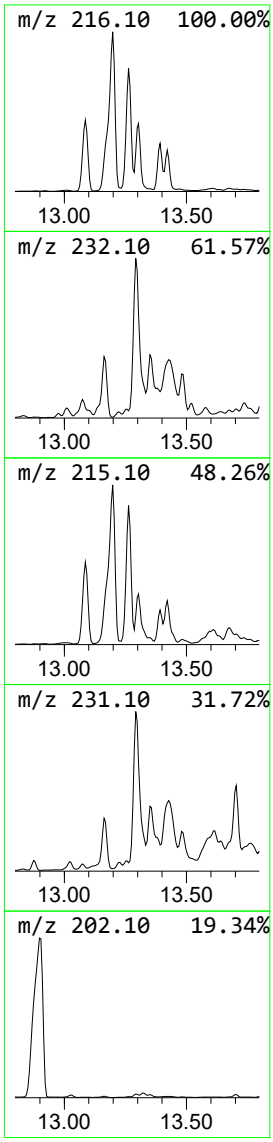
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	7.14 ng	2468410	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46





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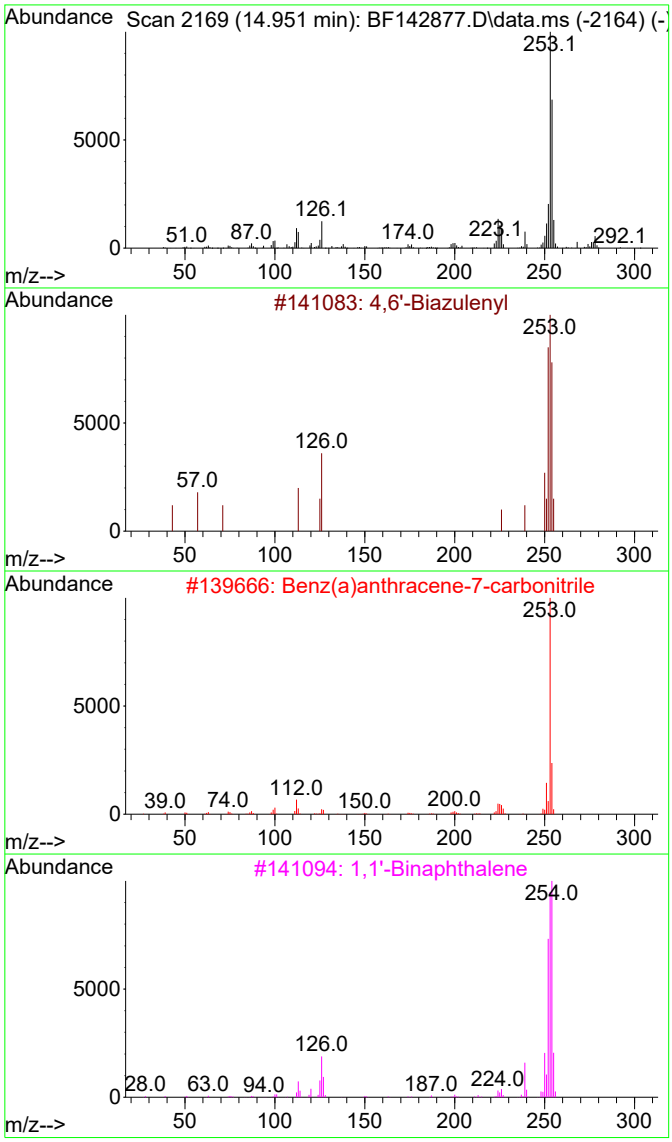
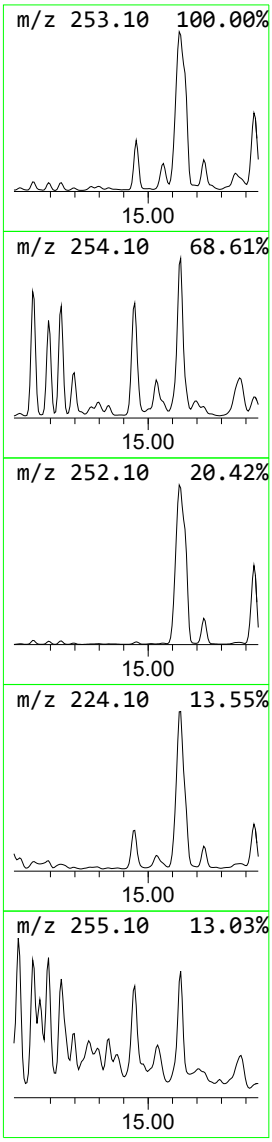
Peak Number 15 4,6'-Biazulenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	12.63 ng	328937	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6'-Biazulenyl	254	C20H14	094154-49-1	68
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	55
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	55
5	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	53





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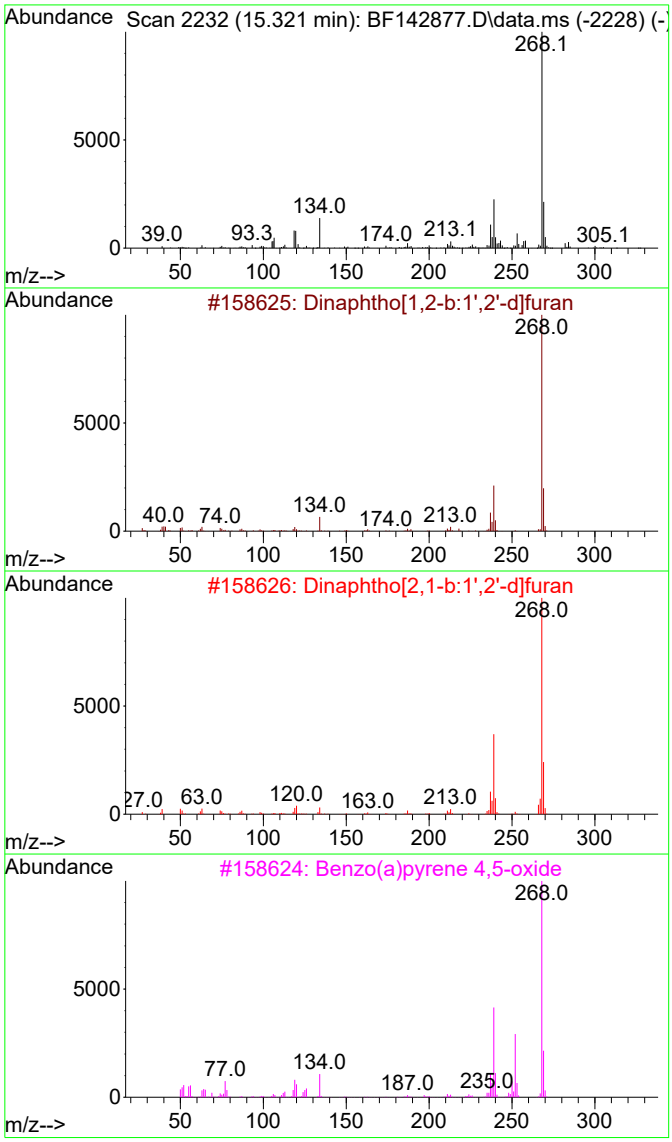
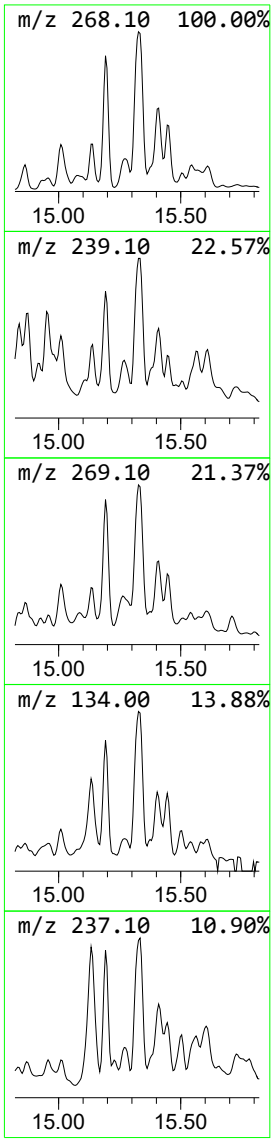
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	8.38 ng	218256	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	95
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	90
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64
5	Disperse Blue 1	268	C14H12N4O2	002475-45-8	64





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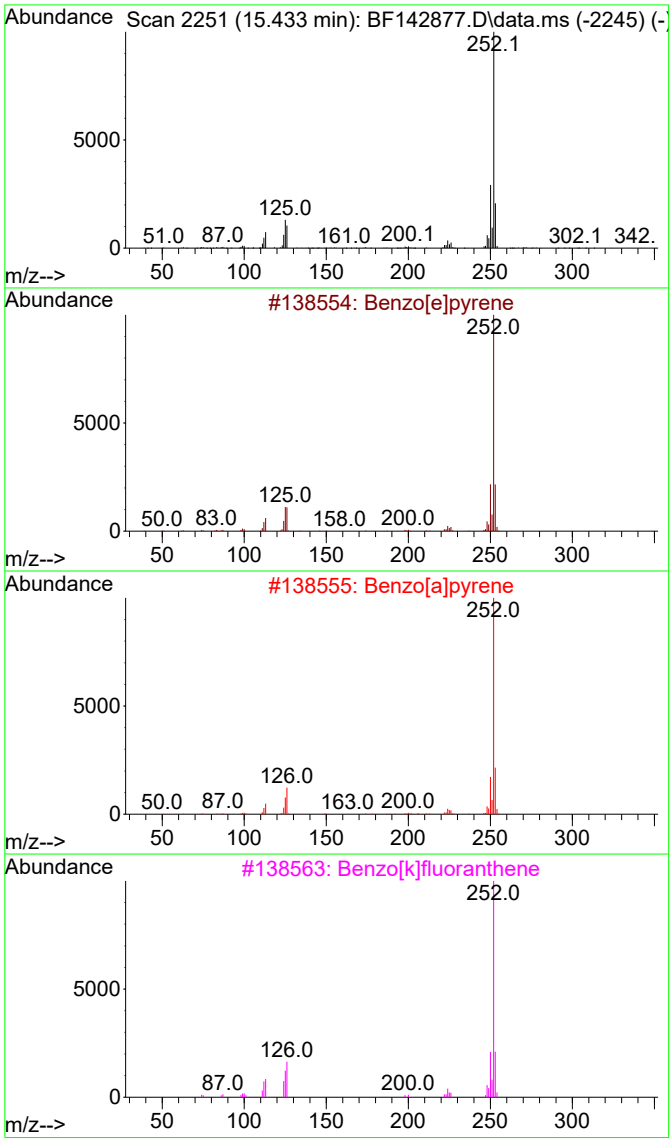
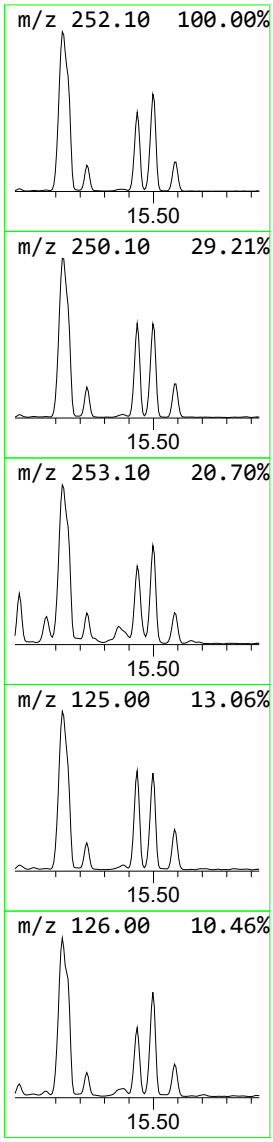
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	51.05 ng	1330020	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





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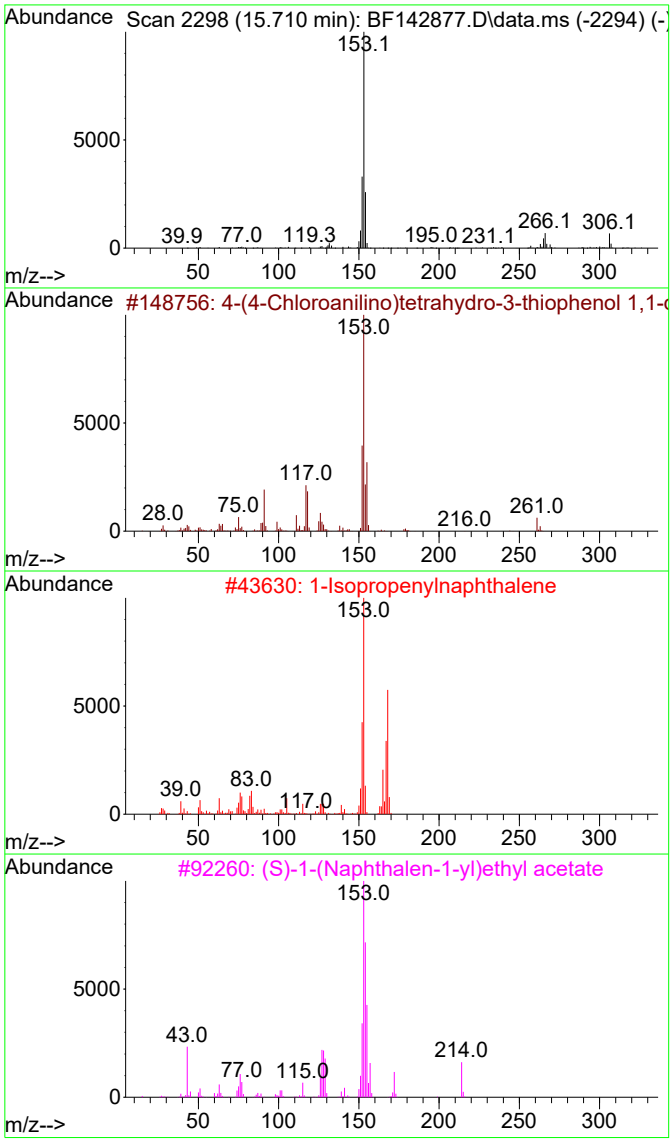
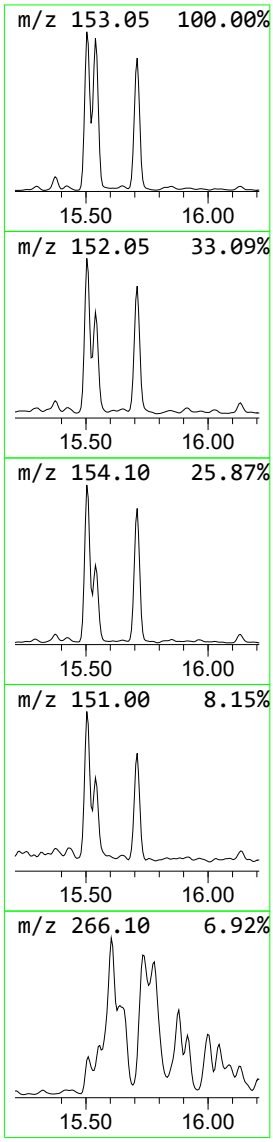
Peak Number 19 unknown15.710 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.710	7.54 ng	196493	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Chloroanilino)tetrahydro-3-...	261	C10H12ClNO3S	035895-28-4	39
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	9
3	(S)-1-(Naphthalen-1-yl)ethyl ace...	214	C14H14O2	016197-95-8	9
4	Arsine, butylethylphenyl-	238	C12H19As	124138-68-7	9
5	Benzamide, 4-chloro-3-methyl-N-a...	265	C15H20ClNO	1000446-46-8	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

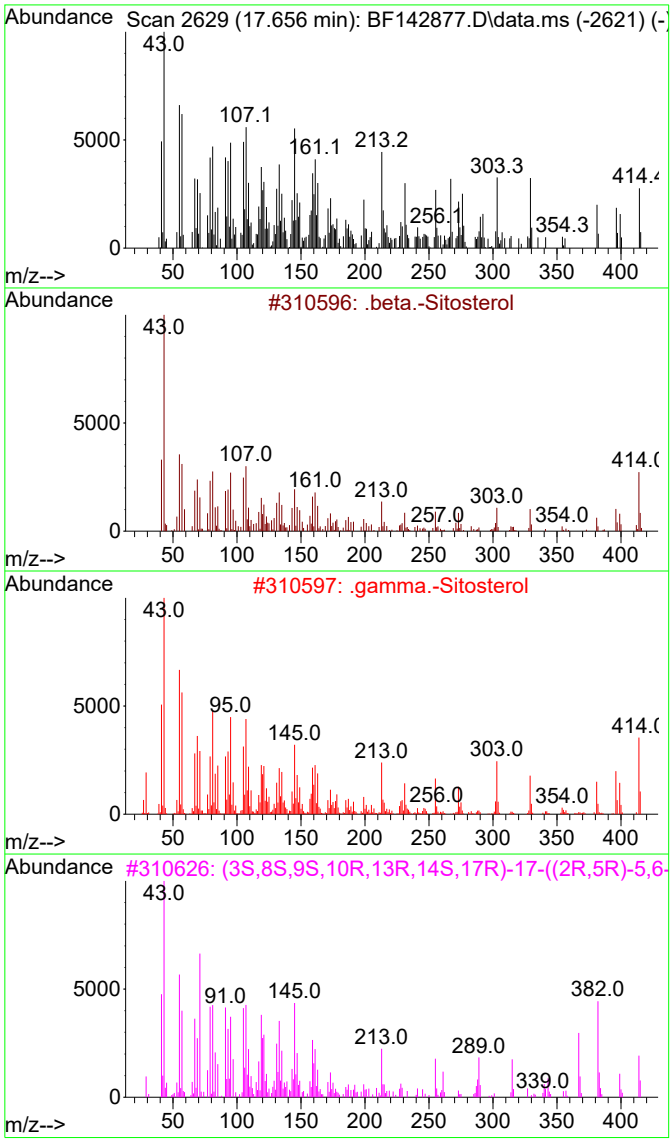
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

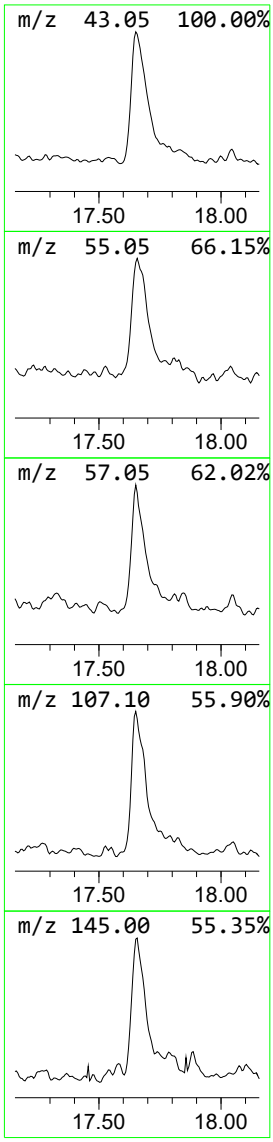
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.657	14.07 ng	366486	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	50
4	Campesterol	400	C28H48O	000474-62-4	40
5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142877.D
Acq On : 26 Jun 2025 19:34
Operator : RC/JU
Sample : Q2420-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11933

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Naphthalene, 1,...	9.498	7.6	ng	268208	3	9.916	708141	20.0
Naphthalene, 1,...	9.575	12.4	ng	439918	3	9.916	708141	20.0
Naphthalene, 1,...	9.692	8.8	ng	313244	3	9.916	708141	20.0
Naphthalene, 2,...	10.233	9.1	ng	321403	3	9.916	708141	20.0
Naphthalene, 1,...	10.322	8.6	ng	305526	3	9.916	708141	20.0
4,4'-Dimethylbi...	10.416	8.4	ng	297873	3	9.916	708141	20.0
1-Isopropenylna...	10.533	52.6	ng	1861620	3	9.916	708141	20.0
Dibenzofuran, 4...	10.628	32.1	ng	1135350	3	9.916	708141	20.0
4H-Cyclopenta[d...	12.039	9.7	ng	5504430	4	11.416	11389700	20.0
Pyrene, 1-methyl-	13.086	6.0	ng	2091840	5	14.074	6916760	20.0
Fluoranthene, 2...	13.198	10.4	ng	3594070	5	14.074	6916760	20.0
11H-Benzo[b]flu...	13.263	6.4	ng	2212480	5	14.074	6916760	20.0
Pyrene, 2-methyl-	13.298	7.1	ng	2468410	5	14.074	6916760	20.0
4,6'-Biazulenyl	14.951	12.6	ng	328937	6	15.557	521082	20.0
Dinaphtho[1,2-b...	15.321	8.4	ng	218256	6	15.557	521082	20.0
Benzo[e]pyrene	15.433	51.0	ng	1330020	6	15.557	521082	20.0
unknown15.710	15.710	7.5	ng	196493	6	15.557	521082	20.0
.beta.-Sitosterol	17.657	14.1	ng	366486	6	15.557	521082	20.0