LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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: BF142821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	556	561	573	rBV	384978	492989	2.25%	0.291%
2	6.504	728	733	748	rVB	370716	466670	2.13%	0.275%
3	6.881	792	797	802	rBV	278053	348387	1.59%	0.206%
4	7.439	884	892	900	rBV	218627	279196	1.28%	0.165%
5	8.163	1007	1015	1027	rBV	327900	437361	2.00%	0.258%
6	8.975	1148	1153	1158	rVB	335351	404655	1.85%	0.239%
7	9.233	1192	1197	1202	rBV	394540	497982	2.27%	0.294%
8	9.504	1237	1243	1248	rBV	308097	471565	2.15%	0.278%
9	9.575	1250	1255	1258	rBV	470948	677426	3.09%	0.400%
10	9.604	1258	1260	1264	rVB	259770	273935	1.25%	0.162%
11	9.698	1270	1276	1283	rBV	207946	348877	1.59%	0.206%
12	9.780	1283	1290	1295	rVB	211739	277322	1.27%	0.164%
13	9.922	1305	1314	1316	rBV2	303326	494521	2.26%	0.292%
14	9.963	1316	1321	1328	rVB	3860855	5465345	24.96%	3.224%
15	10.080	1336	1341	1344	rBV	309293	410574	1.88%	0.242%
16	10.127	1344	1349	1353	rBV	2042154	2797595	12.78%	1.650%
17	10.163	1353	1355	1363	rVB	213202	243230	1.11%	0.143%
18	10.233	1363	1367	1370	rBV	180570	251180	1.15%	0.148%
19	10.327	1378	1383	1389	rBV	146157	297525	1.36%	0.176%
20	10.480	1402	1409	1413	rBV	3688170	5342083	24.40%	3.151%
21	10.557	1413	1422	1426	rBV3	719050	1855310	8.47%	1.094%
22	10.627	1428	1434	1439	rVB2	893549	1535271	7.01%	0.906%
23	10.710	1439	1448	1453	rBV	1176895	1844474	8.42%	1.088%
24	10.757	1453	1456	1460	rVB2	187997	242142	1.11%	0.143%
25	10.833	1463	1469	1475	rVB3	335982	512433	2.34%	0.302%
26	10.904	1475	1481	1484	rBV3	190828	289570	1.32%	0.171%
27	11.016	1493	1500	1504	rBV2	734752	1293331	5.91%	0.763%
28	11.098	1511	1514	1517	rVB2	249274	303538	1.39%	0.179%
29	11.151	1517	1523	1524	rBV2	244125	403242	1.84%	0.238%
30	11.222	1531	1535	1538	rVB2	357958	484202	2.21%	0.286%
31	11.263	1538	1542	1546	rVV2	419179	662973	3.03%	0.391%
32	11.310	1546	1550	1557	rVB	1363397	1864440	8.52%	1.100%
33	11.469	1563	1577	1581	rBV	6884043	17194877	78.53%	10.143%
34	11.510	1581	1584	1592	rVV	2477138	3448162	15.75%	2.034%
35	11.574	1592	1595	1600	rVV2	143742	286956	1.31%	0.169%
36	11.645	1600	1607	1614	rVV3	334990	883935	4.04%	0.521%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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	11.710	1614	1618	1621	rVV	405912	581287	2.65%	0.343%
38	11.745	1621	1624	1630	rVV2	228976	391274	1.79%	0.231%
39	11.827	1634	1638	1642	rVB2	207353	297226	1.36%	0.175%
40	11.921	1648	1654	1656	rBV	1442026	2162208	9.87%	1.276%
41	11.951	1656	1659	1663	rVV	1933622	2430000	11.10%	1.433%
42	11.998	1663	1667	1670	rVV	672618	1025520	4.68%	0.605%
43	12.045	1670	1675	1681	rVB2	3750679	6474353	29.57%	3.819%
44	12.151	1690	1693	1699	rBV5	119527	273865	1.25%	0.162%
45	12.210	1699	1703	1707	rVV	890957	1129906	5.16%	0.667%
46	12.251	1707	1710	1713	rVV	318163	383048	1.75%	0.226%
47	12.357	1724	1728	1731	rBV	339839	469724	2.15%	0.277%
48	12.469	1742	1747	1750	rBV	528081	791797	3.62%	0.467%
49	12.510	1750	1754	1760	rVB	433805	784687	3.58%	0.463%
50	12.586	1760	1767	1771	rBV3	238546	534176	2.44%	0.315%
51	12.674	1771	1782	1794	rVB	7320606	21895917	100.00%	12.917%
52	12.792	1798	1802	1807	rBV	868130	1169045	5.34%	0.690%
53	12.898	1807	1820	1830	rVB4	7239127	20869243	95.31%	12.311%
54	12.992	1830	1836	1845	rVB2	1275258	2315837	10.58%	1.366%
55	13.086	1845	1852	1860	rBV4	1099336	2484601	11.35%	1.466%
56	13.204	1862	1872	1876	rVB	2474776	4613031	21.07%	2.721%
57	13.268	1877	1883	1887	rBV	2663212	4322088	19.74%	2.550%
58	13.304	1887	1889	1896	rVB3	1008877	1689271	7.72%	0.997%
59	13.398	1901	1905	1907	rVV	499970	741738	3.39%	0.438%
60	13.427	1907	1910	1916	rVB2	652928	962296	4.39%	0.568%
61	13.615	1940	1942	1948	rVB2	357148	460401	2.10%	0.272%
62	13.674	1948	1952	1955	rBV	389217	571967	2.61%	0.337%
63	13.815	1971	1976	1978	rBV	956682	1364812	6.23%	0.805%
64	13.845	1978	1981	1983	rVV	1109735	1557371	7.11%	0.919%
65	13.874	1983	1986	1996	rVB4	971067	1791733	8.18%	1.057%
66	13.980	2001	2004	2010	rVB	276888	425640	1.94%	0.251%
67	14.068	2010	2019	2022	rBV	3861469	7710894	35.22%	4.549%
68	14.110	2022	2026	2031	rVB	3678516	5840441	26.67%	3.445%
69	14.180	2032	2038	2042	rBV	1163061	1620297	7.40%	0.956%
70	14.286	2052	2056	2060	rVB2	383171	509864	2.33%	0.301%
71	14.410	2074	2077	2079	rVV2	244706	348369	1.59%	0.206%
72	14.451	2079	2084	2087	rVV2	745587	1290109	5.89%	0.761%
73	14.480	2087	2089	2093	rVV2	358016	491852	2.25%	0.290%
74	14.545	2094	2100	2103	rVV2	417457	913139	4.17%	0.539%
75	14.598	2103	2109	2113	rVV3	597273	1274097	5.82%	0.752%
76	14.639	2113	2116	2123	rVB3	259986	447844	2.05%	0.264%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
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Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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	14.762	2132	2137	2141	rBV2	265710	450916	2.06%	0.266%
78	15.127	2191	2199	2208	rBV	1558313	4072891	18.60%	2.403%
79	15.227	2213	2216	2221	rVB	250337	323404	1.48%	0.191%
80	15.380	2238	2242	2245	rVV2	159823	267869	1.22%	0.158%
81	15.433	2245	2251	2256	rVB	721034	1171007	5.35%	0.691%
82	15.498	2256	2262	2267	rBV2	1084592	1880238	8.59%	1.109%
83	15.551	2267	2271	2275	rVV2	426643	790964	3.61%	0.467%
84	15.592	2275	2278	2285	rVB2	248251	398196	1.82%	0.235%
85	15.715	2294	2299	2305	rBV2	191850	383921	1.75%	0.226%
86	17.062	2521	2528	2538	rVB2	248783	541841	2.47%	0.320%
87	17.515	2598	2605	2621	rVB	174463	442726	2.02%	0.261%

Sum of corrected areas: 169518215

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
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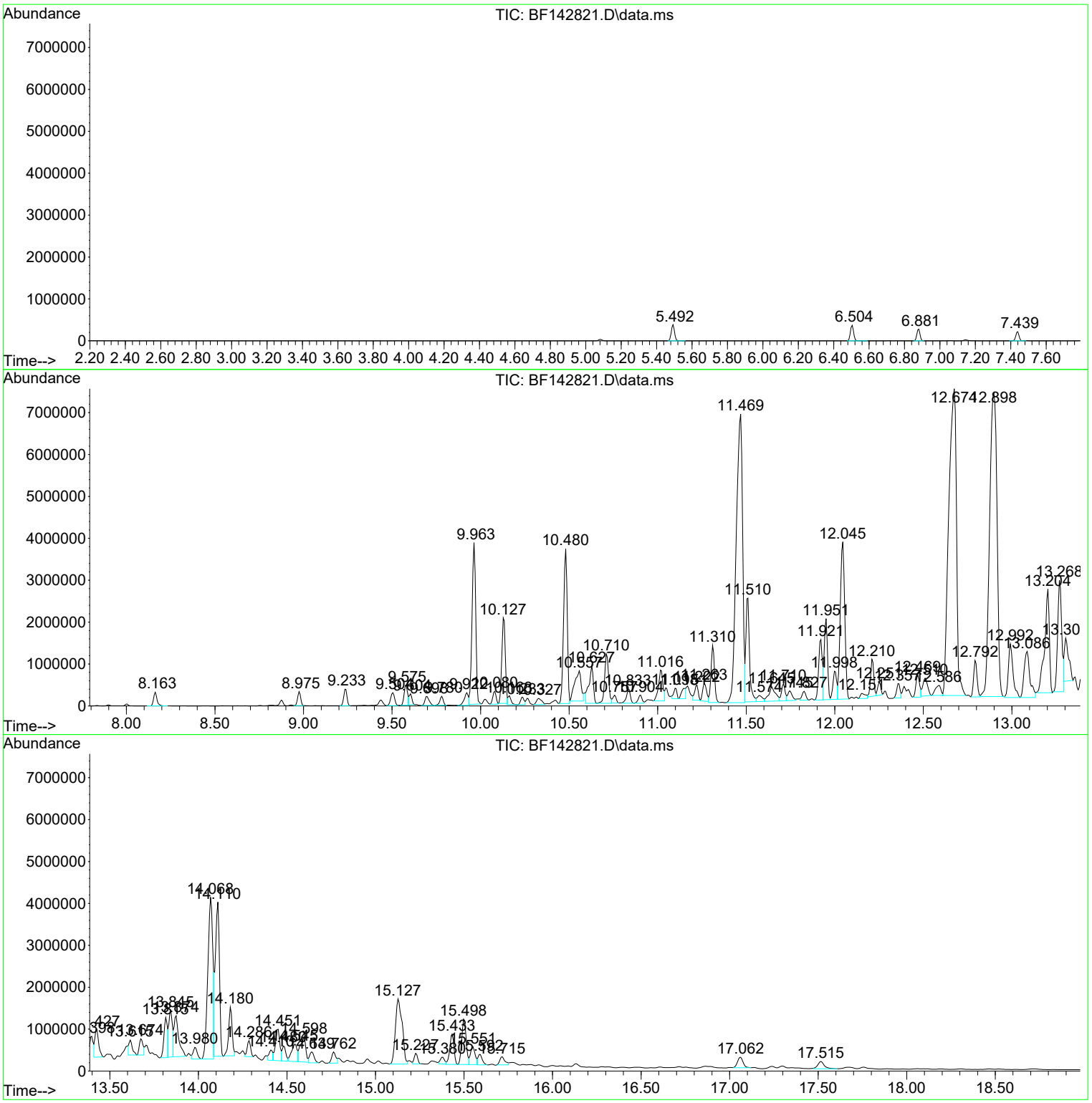
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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

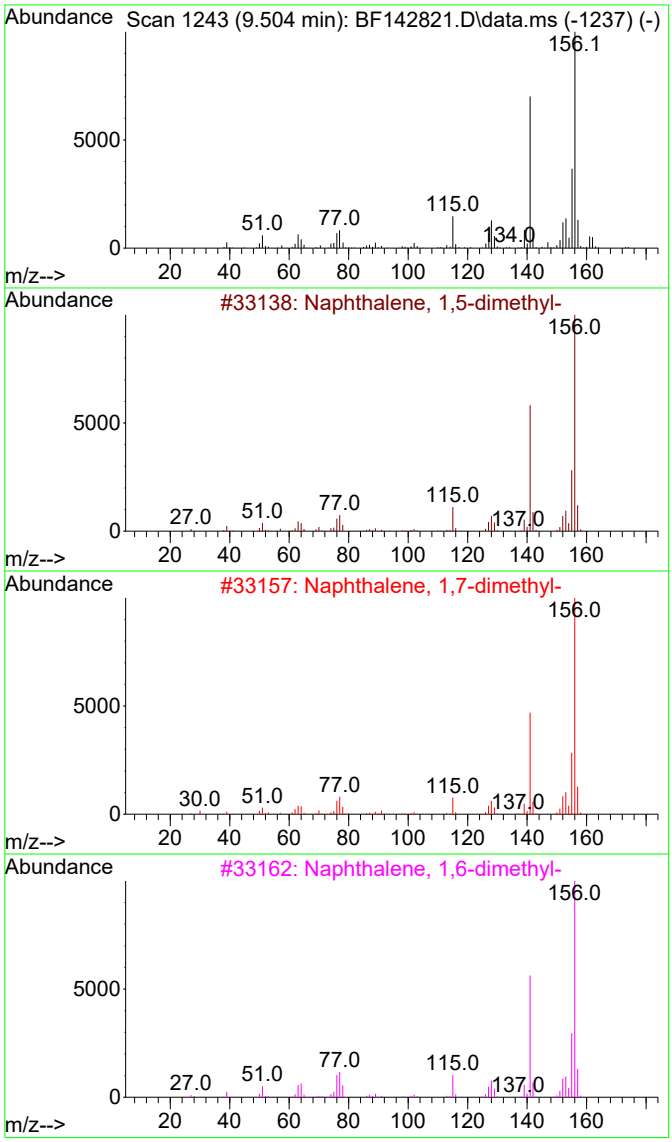
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

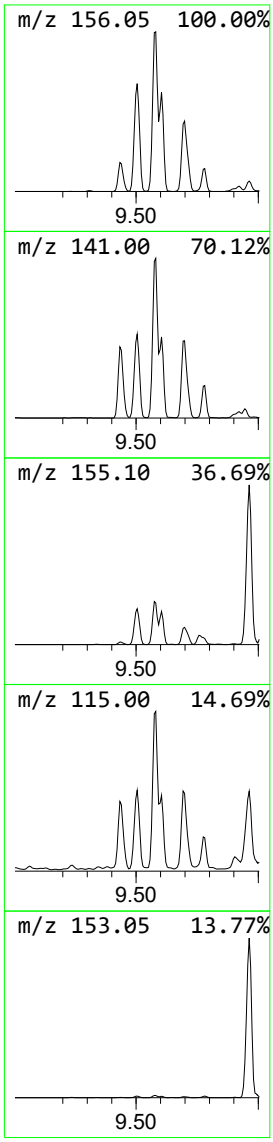
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	19.07 ng	471565	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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

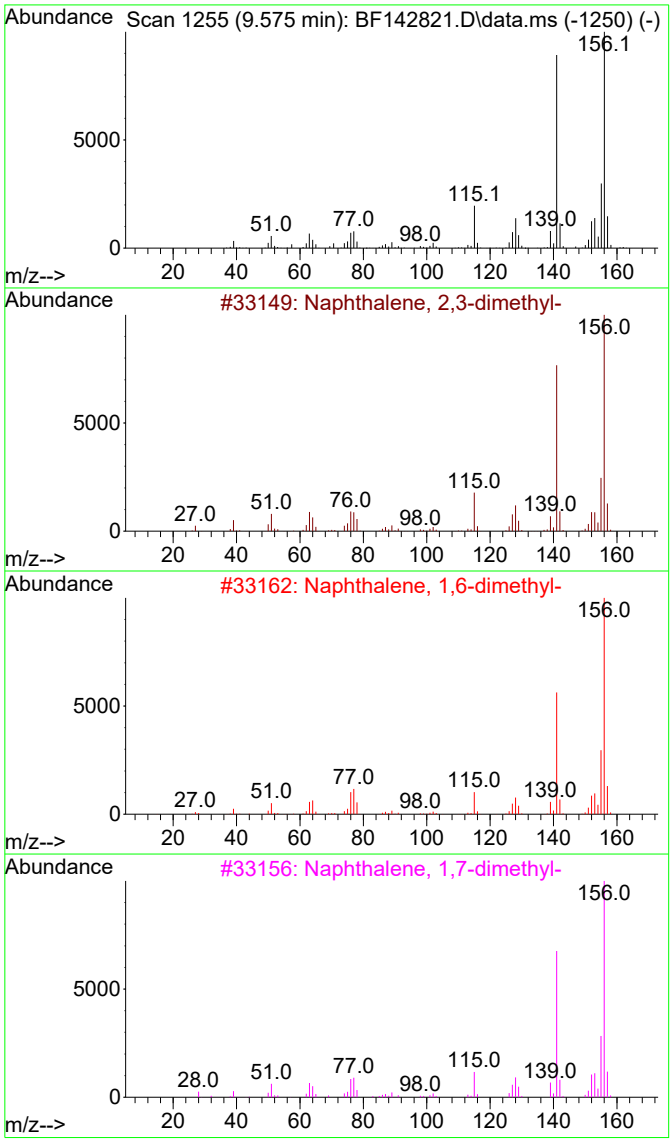
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

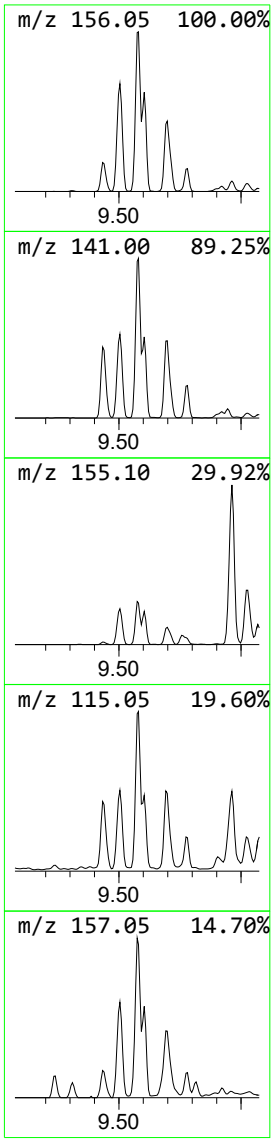
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	27.40 ng	677426	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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

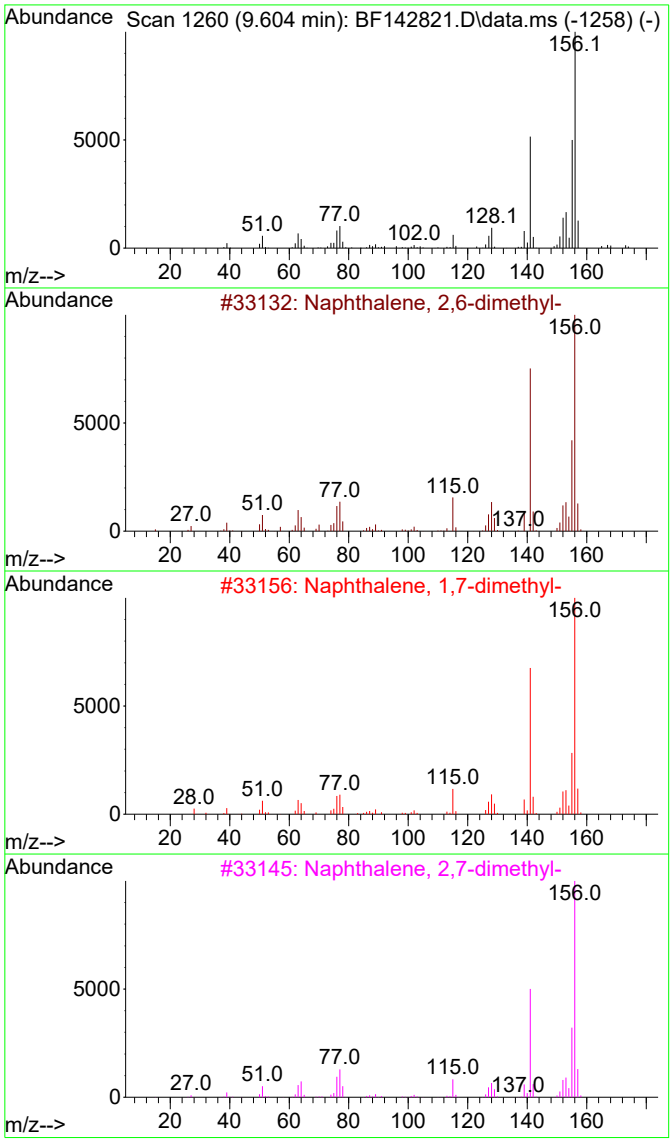
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

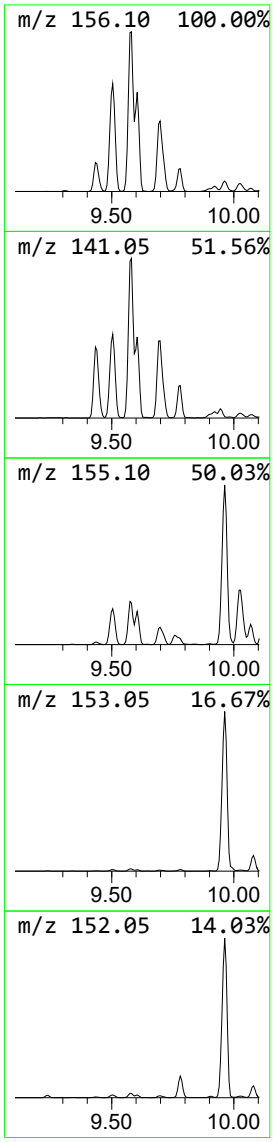
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	11.08 ng	273935	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	87
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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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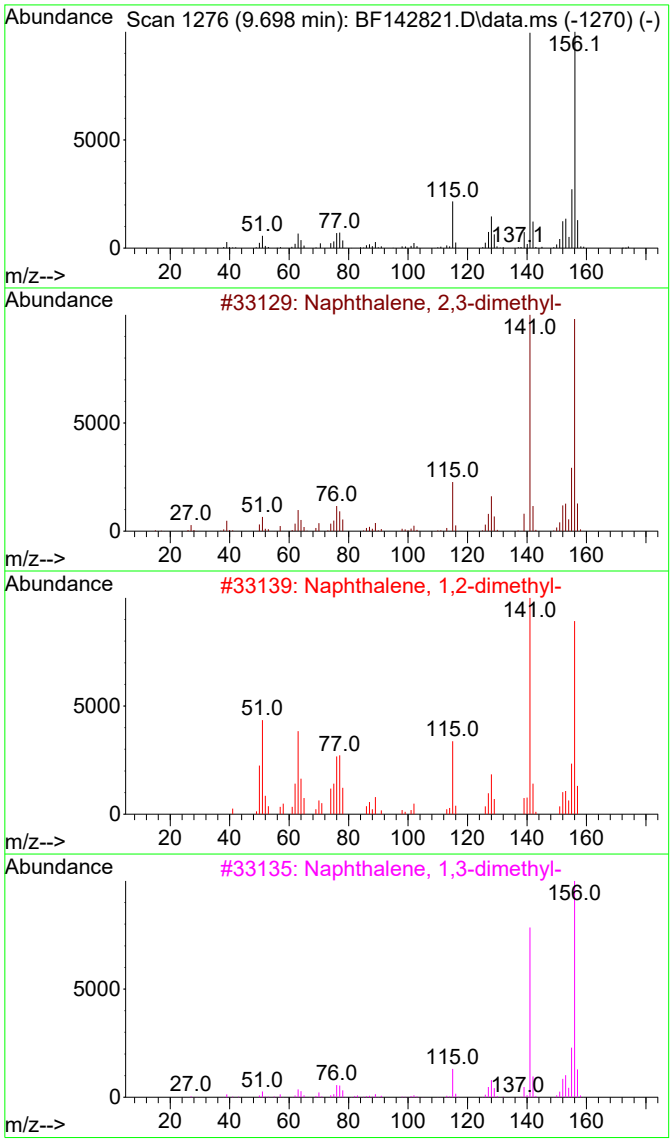
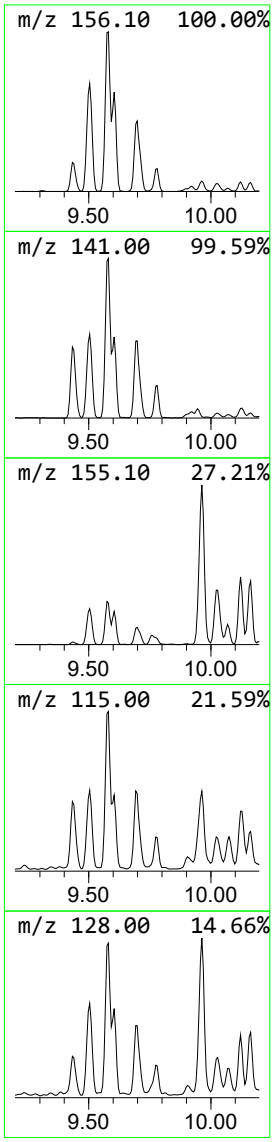
Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	14.11 ng	348877	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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

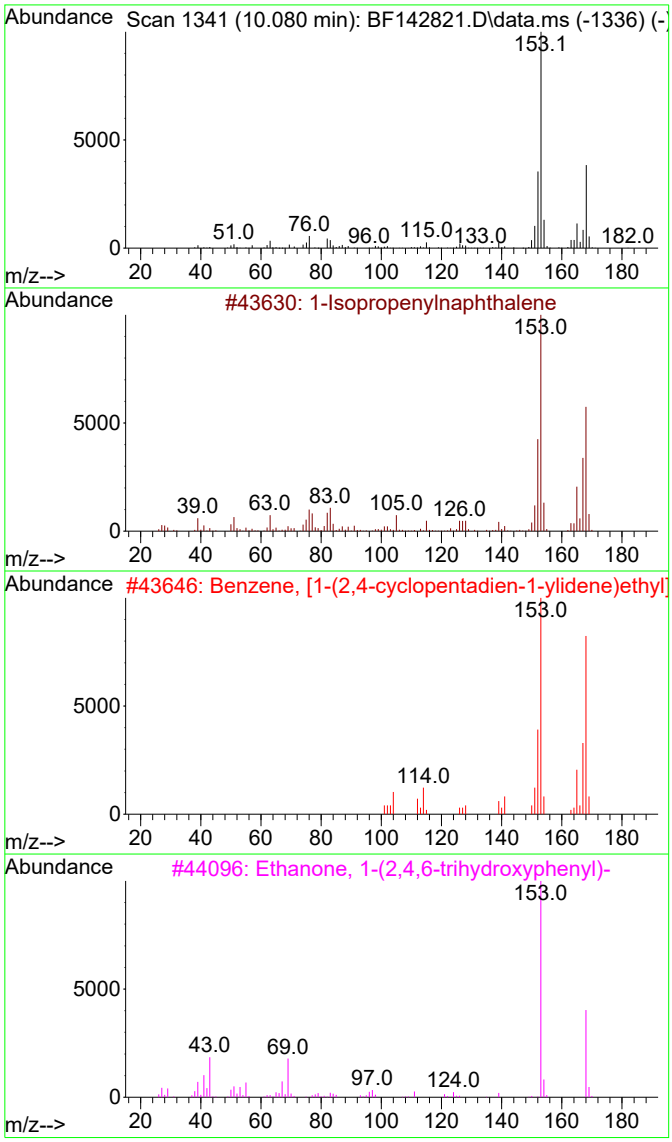
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

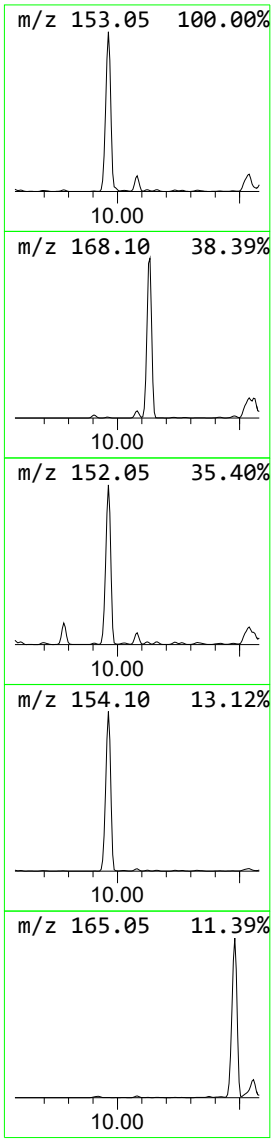
****

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.080	16.60 ng	410574	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	58
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

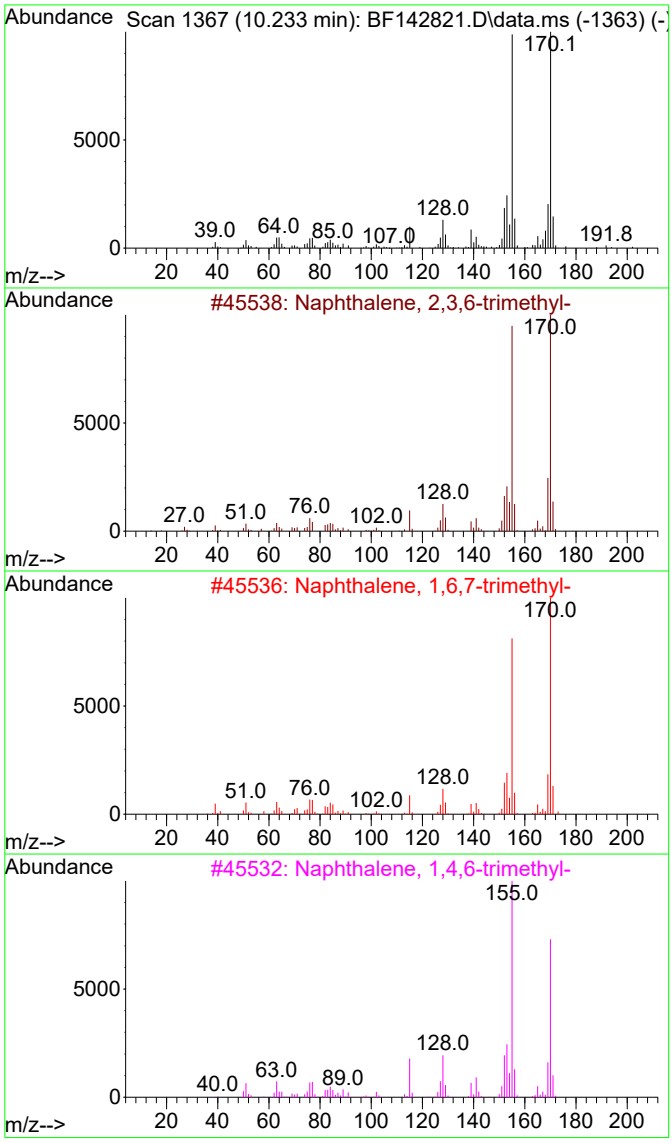
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

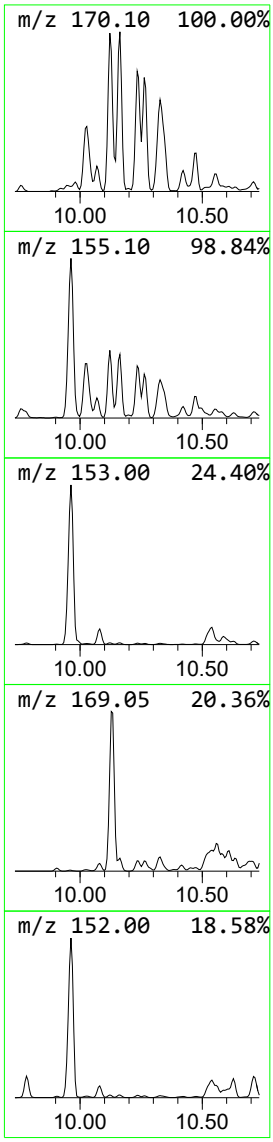
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	10.16 ng	251180	Acenaphthene-d10	9.922

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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-1-062025

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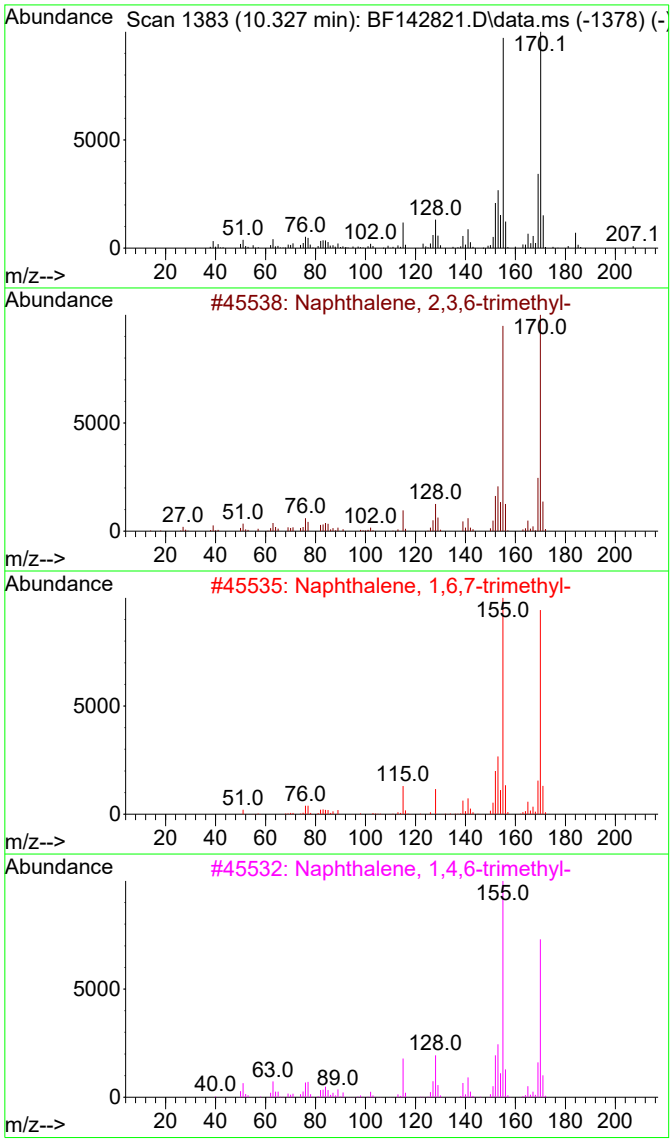
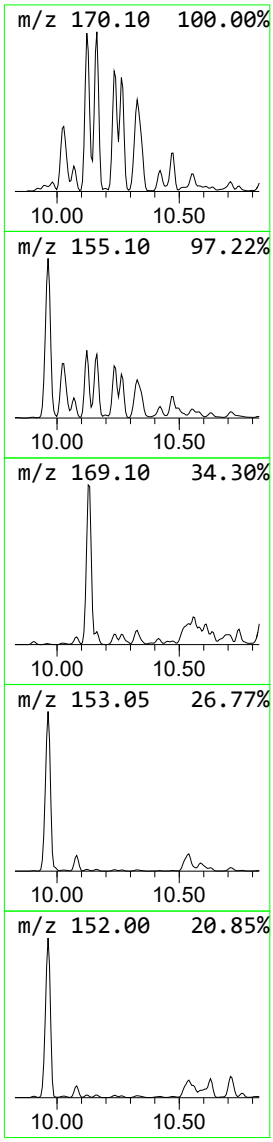
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	12.03 ng	297525	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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	94





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Misc :
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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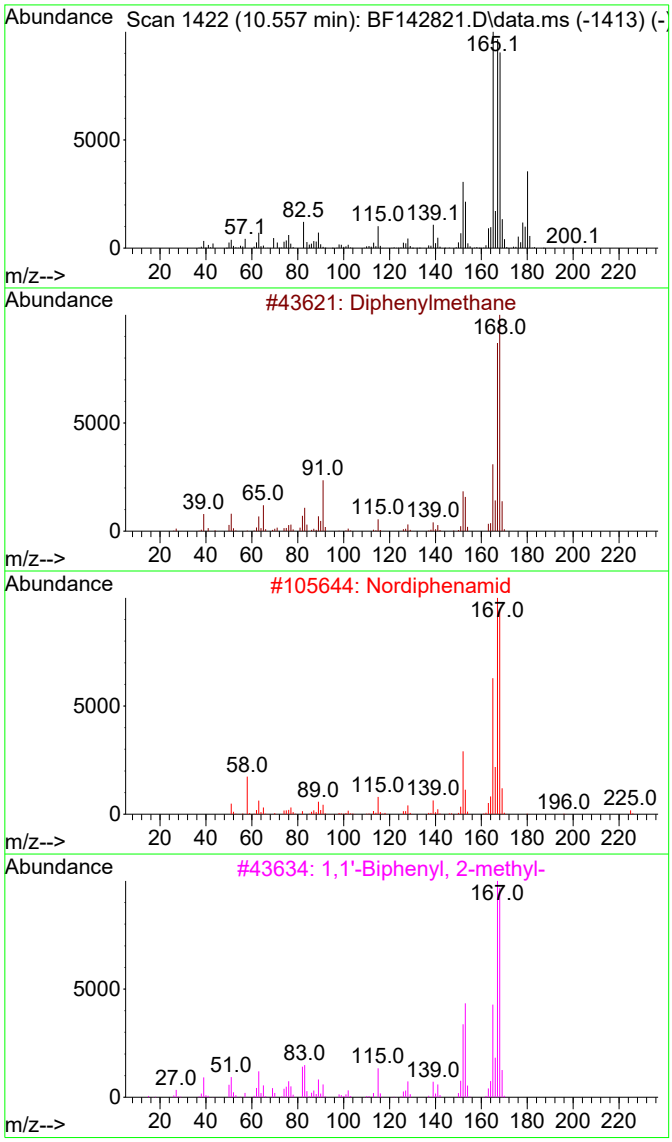
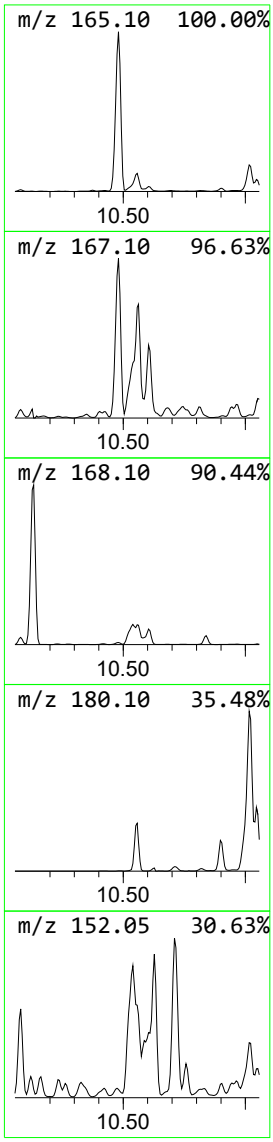
Peak Number 8 Diphenylmethane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	75.03 ng	1855310	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	60
2	Nordiphenamid	225	C15H15NO	000954-21-2	58
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53





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

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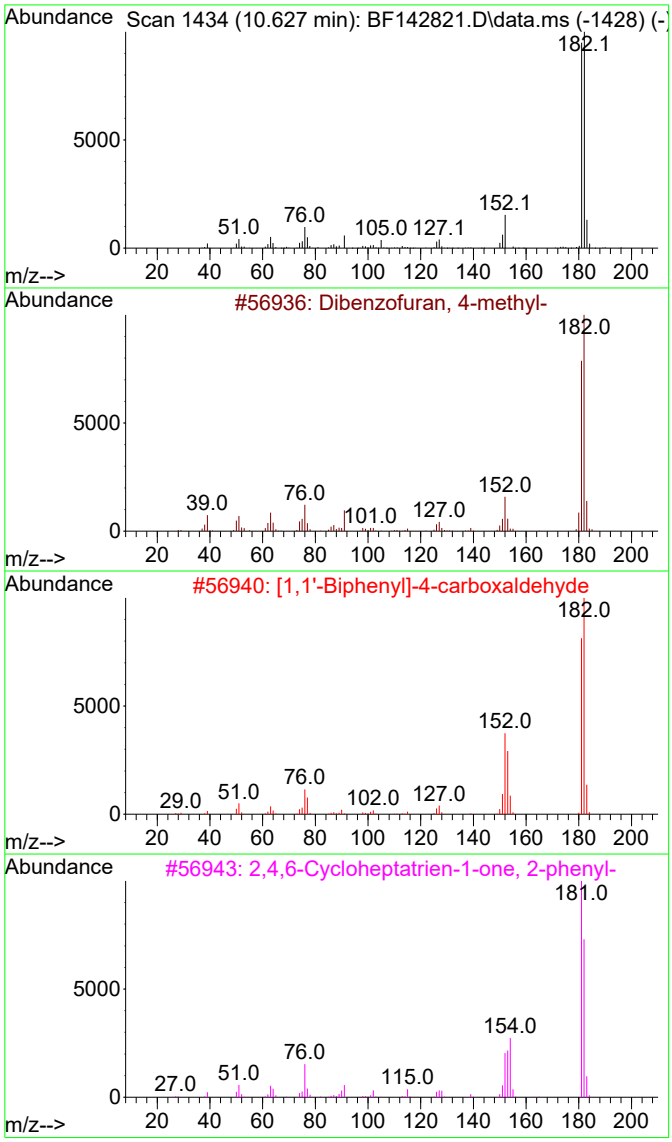
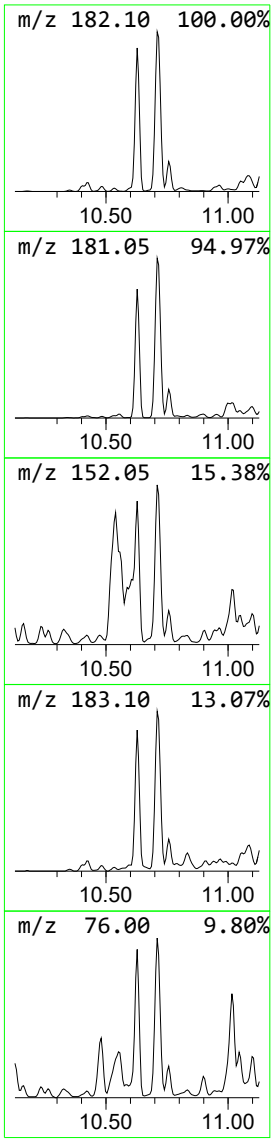
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	62.09 ng	1535270	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





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

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

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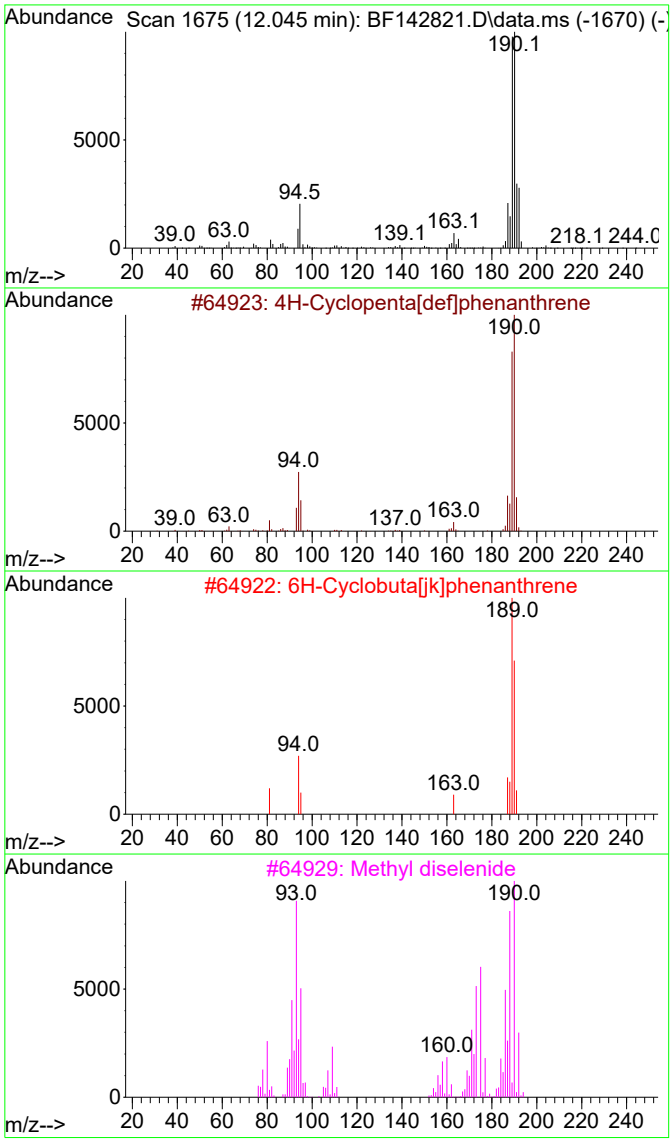
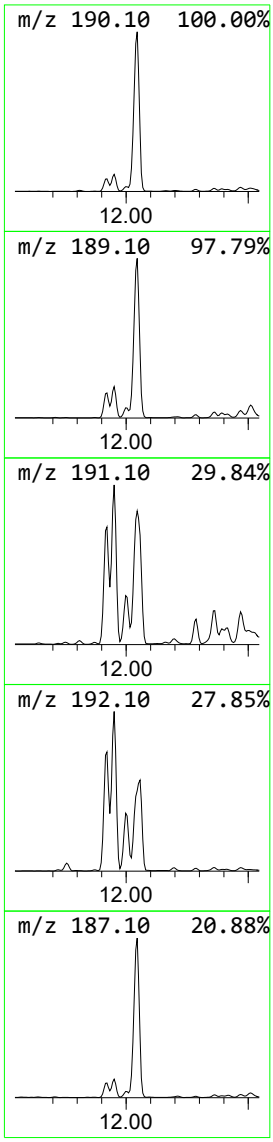
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	7.53 ng	6474350	Phenanthrene-d10	11.422

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	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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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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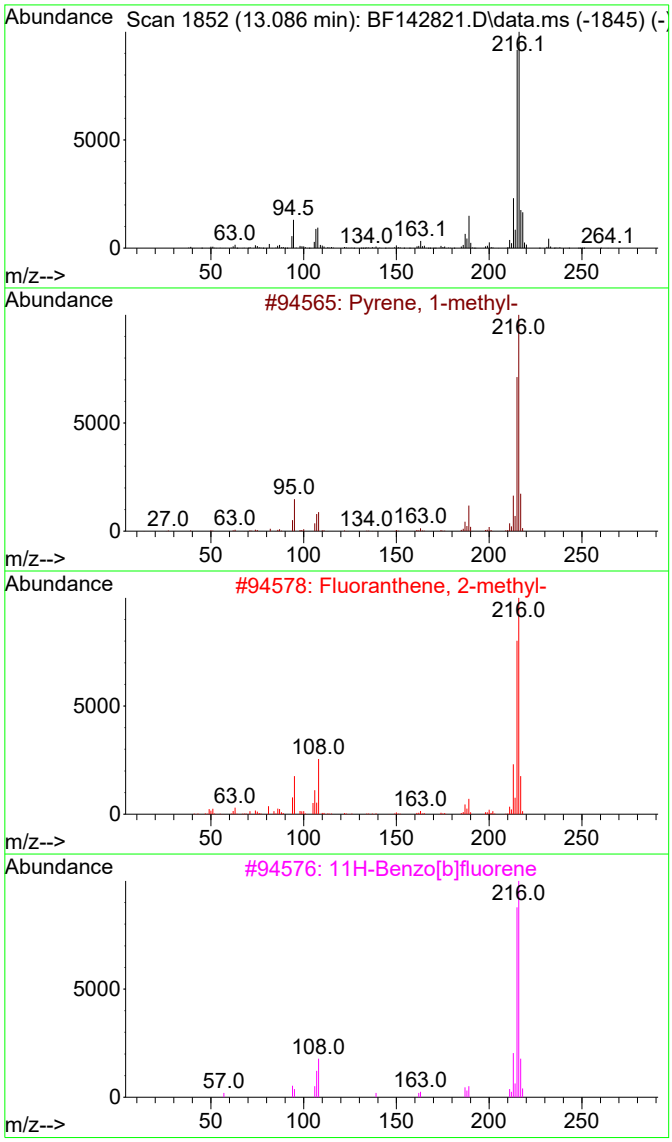
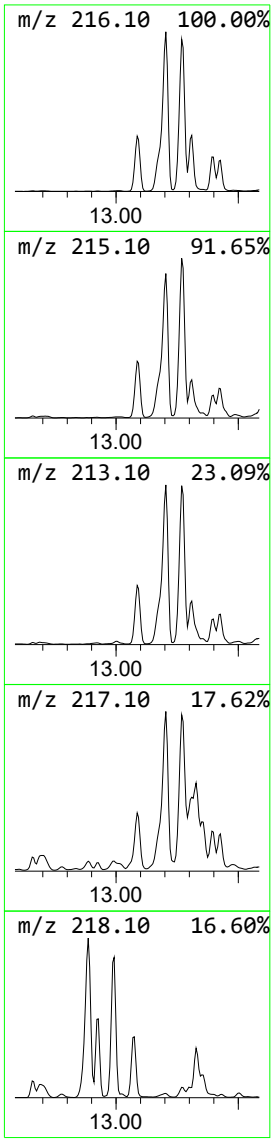
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	6.44 ng	2484600	Chrysene-d12	14.080

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	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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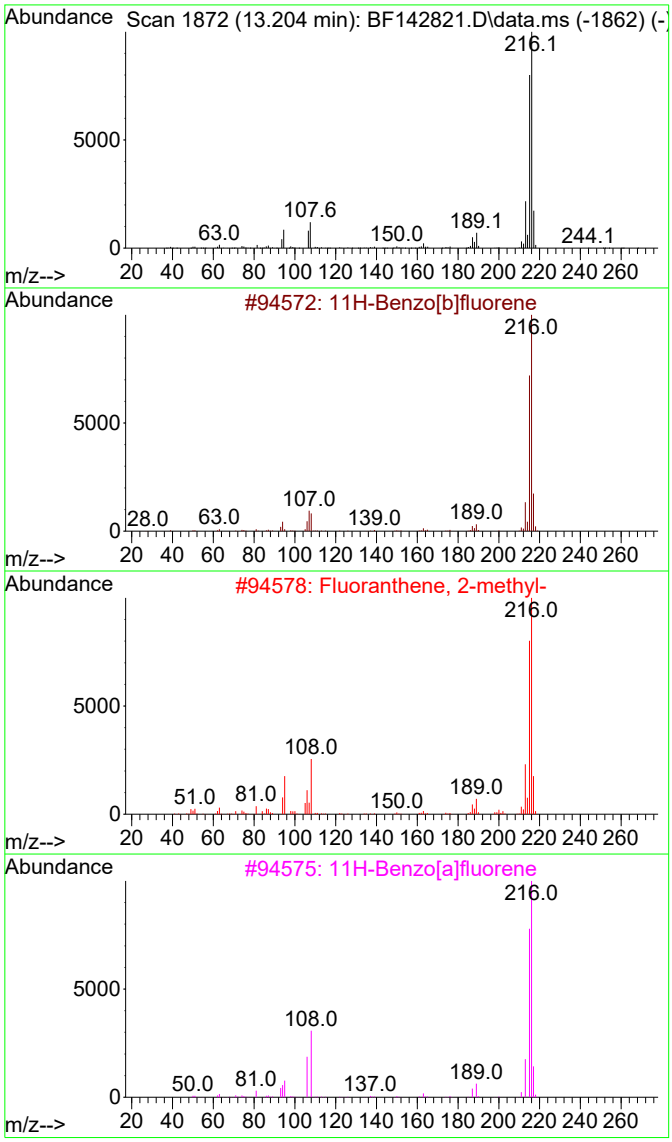
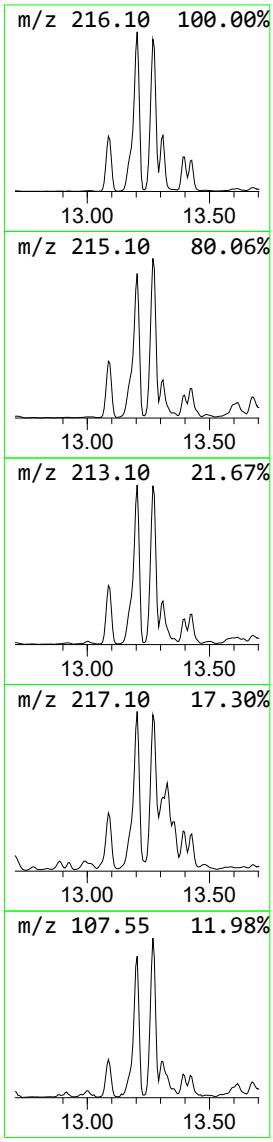
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	11.97 ng	4613030	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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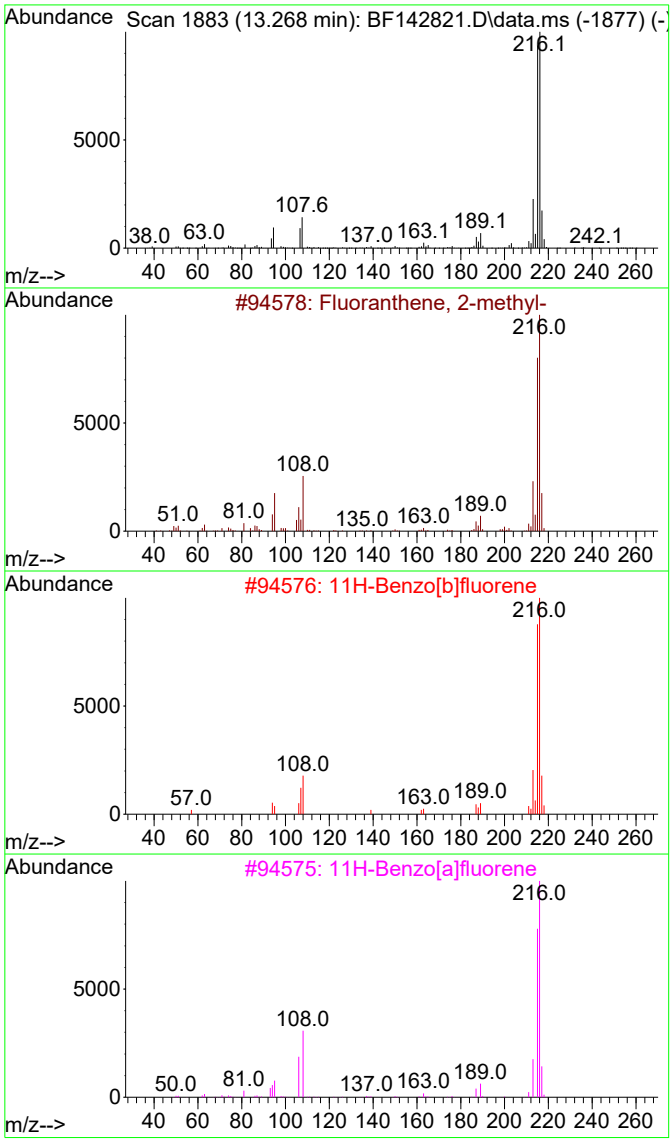
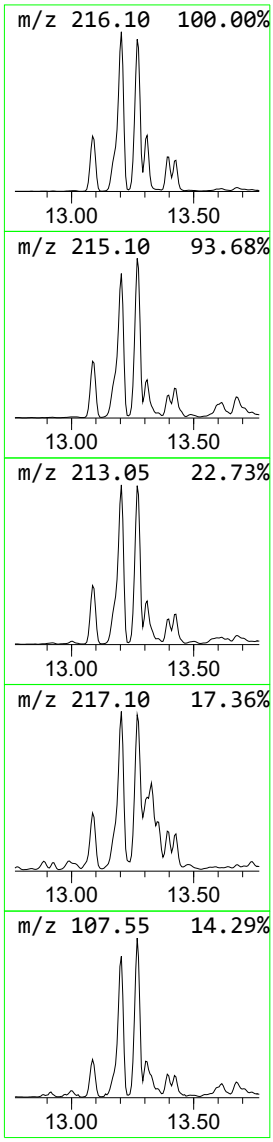
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	11.21 ng	4322090	Chrysene-d12	14.080

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	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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

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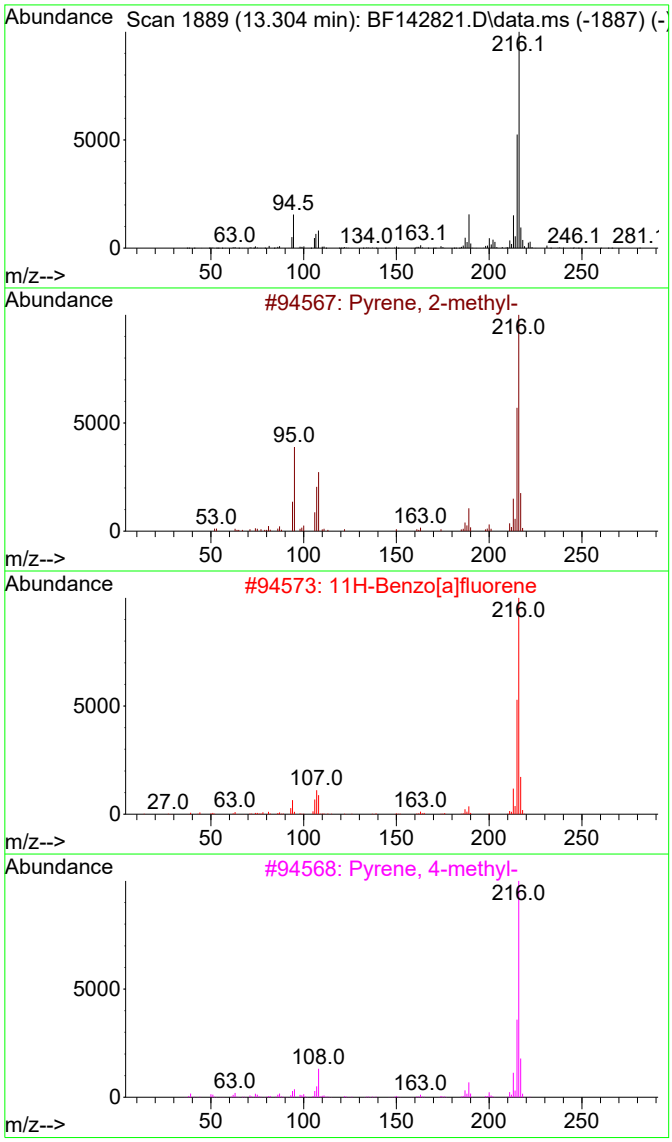
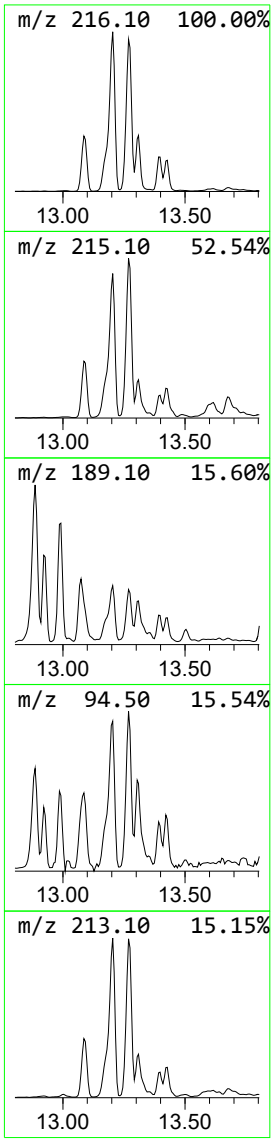
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	4.38 ng	1689270	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49





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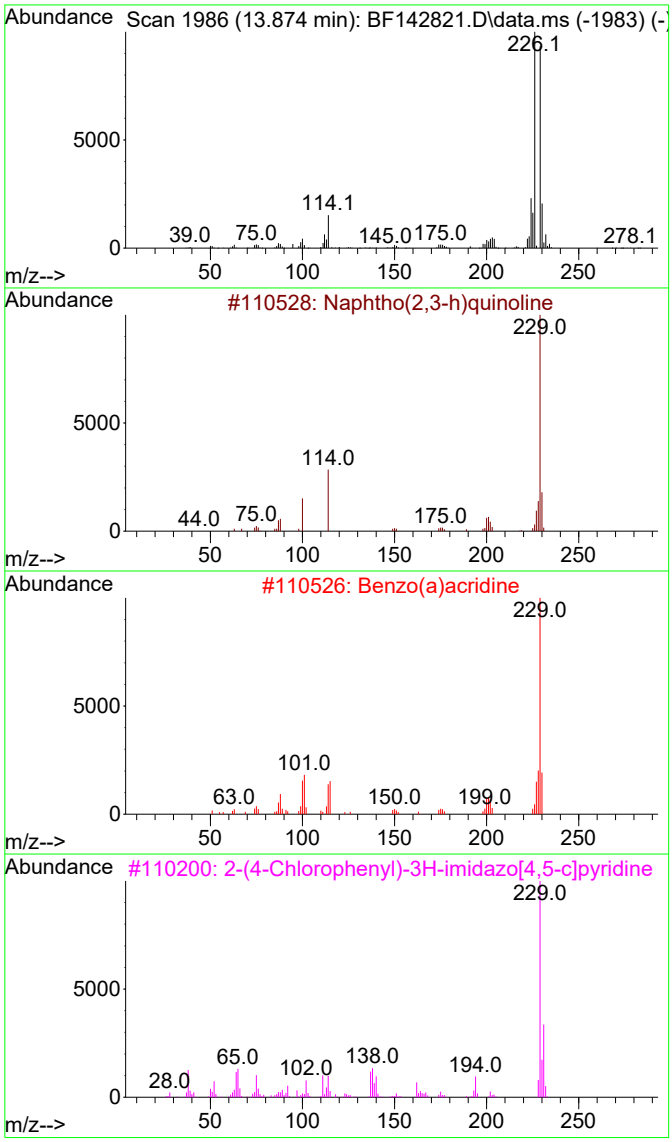
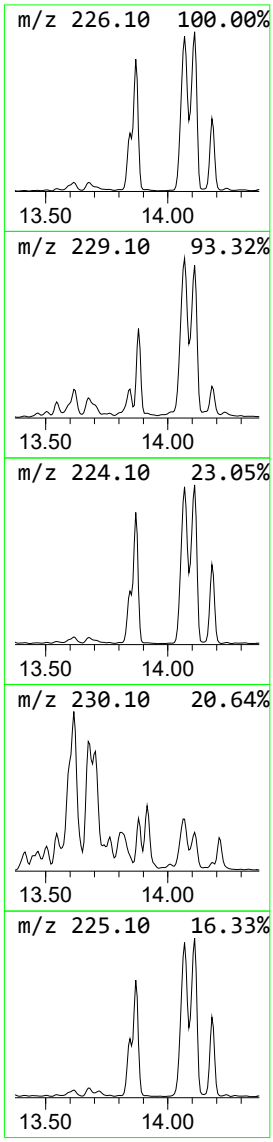
Peak Number 15 unknown13.874 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.65 ng	1791730	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	41
2	Benzo(a)acridine	229	C17H11N	000225-11-6	38
3	2-(4-Chlorophenyl)-3H-imidazo[4,...	229	C12H8ClN3	075007-94-2	38
4	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	35
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30





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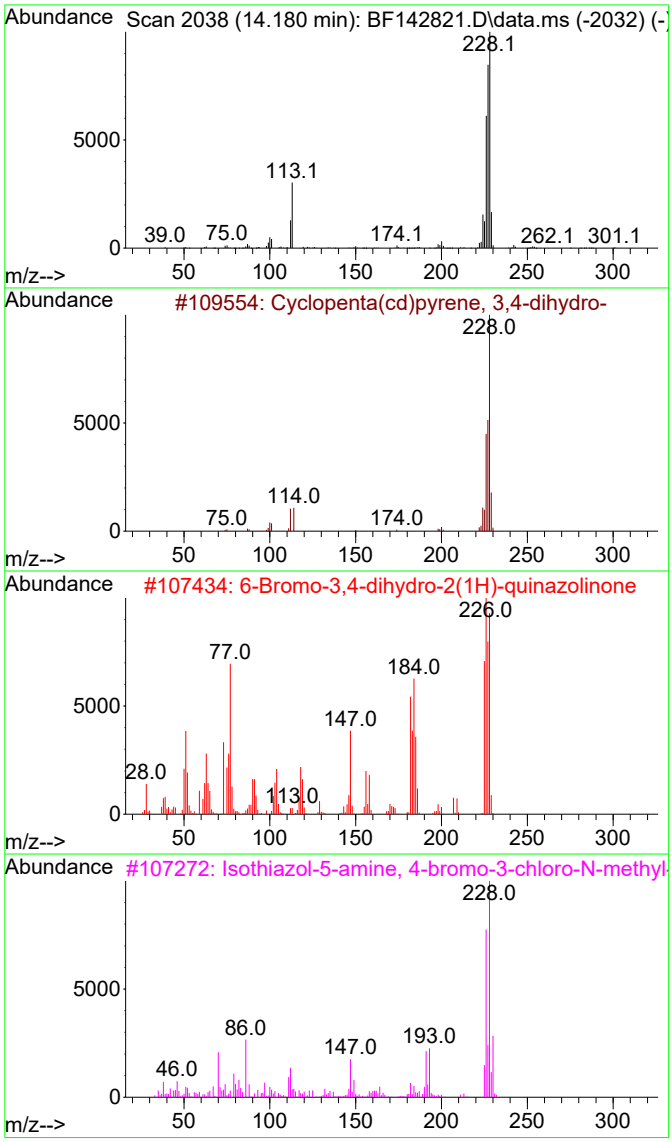
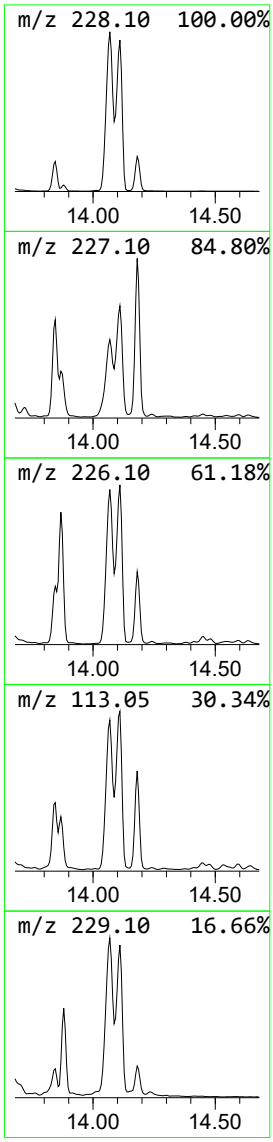
Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	4.20 ng	1620300	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	59
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50





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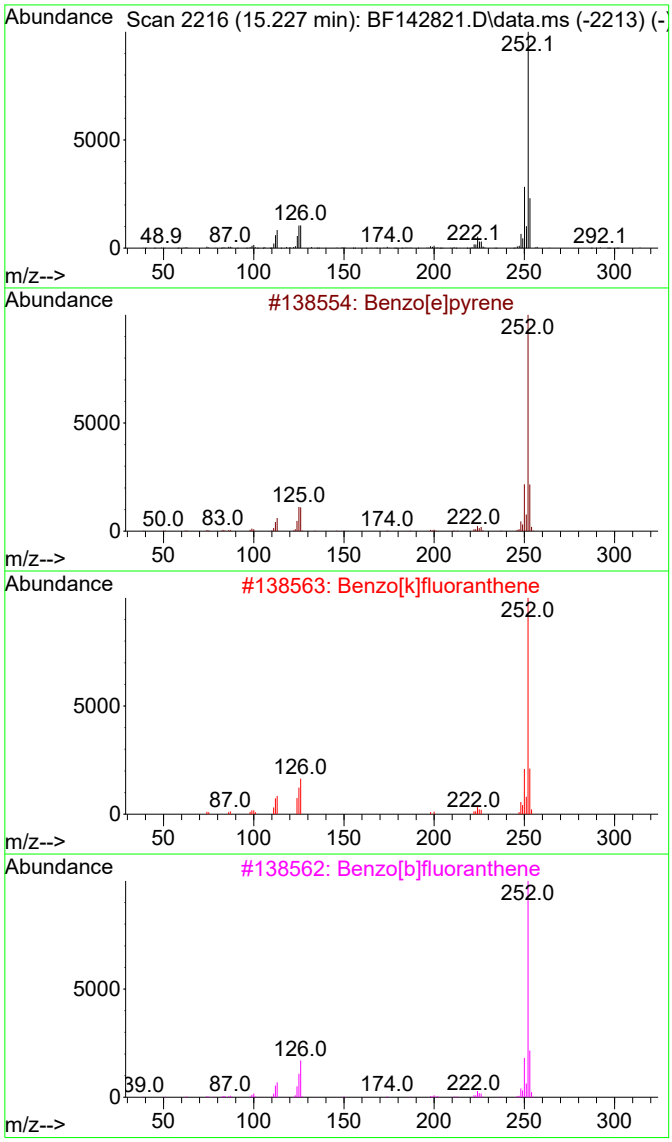
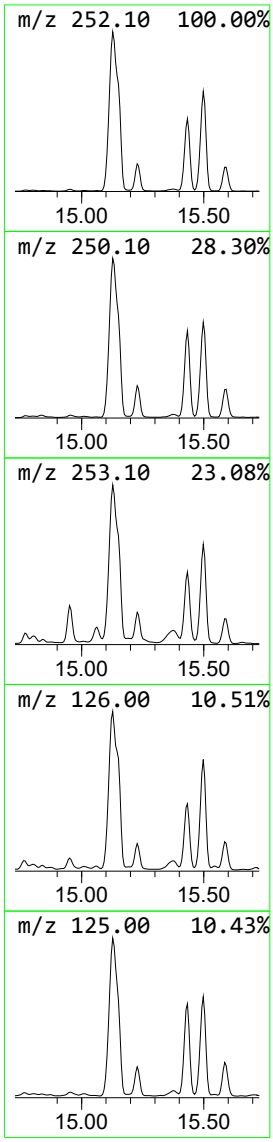
Peak Number 17 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	8.18 ng	323404	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

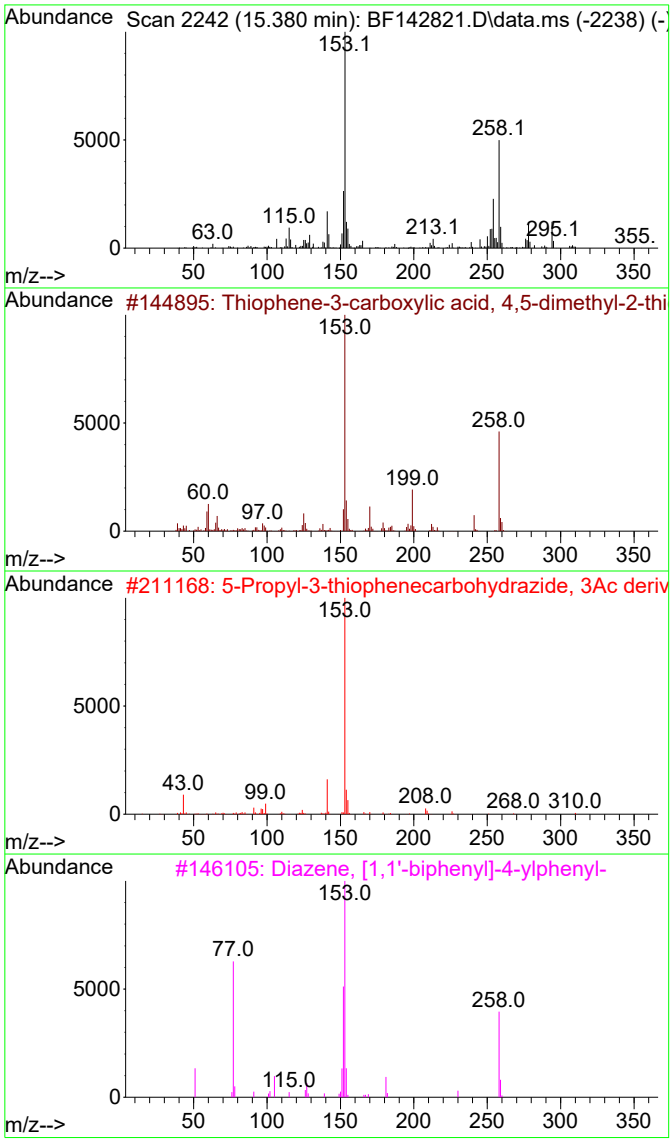
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

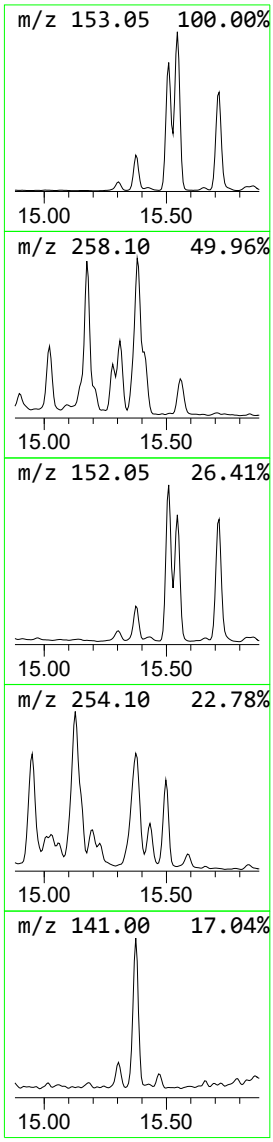
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Thiophene-3-carboxylic acid... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	6.77 ng	267869	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxylic acid, 4,5...	258	C10H14N2O2S2	1010260-19-4	50
2	5-Propyl-3-thiophenecarbohydrazi...	310	C14H18N2O4S	1000486-68-6	30
3	Diazene, [1,1'-biphenyl]-4-ylphe...	258	C18H14N2	007466-42-4	28
4	Acetamide, N-[2-(acetyloxy)-2-[4...	309	C15H19NO6	054965-13-8	27
5	Benzenamine, 4-methyl-N-sulfinyl-	153	C7H7NOS	015795-42-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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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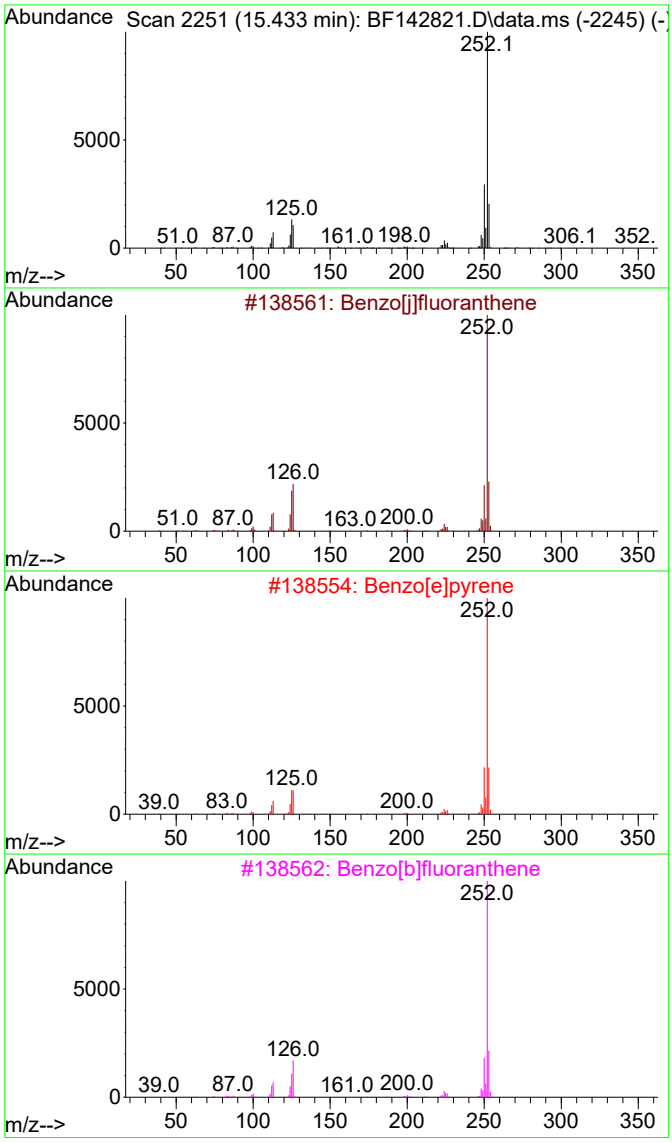
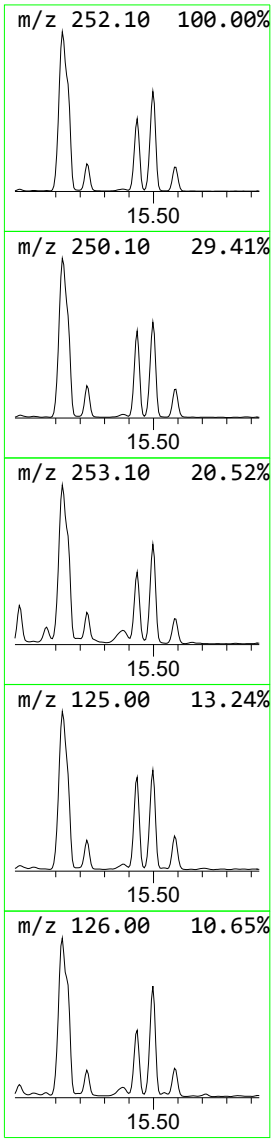
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	29.61 ng	1171010	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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

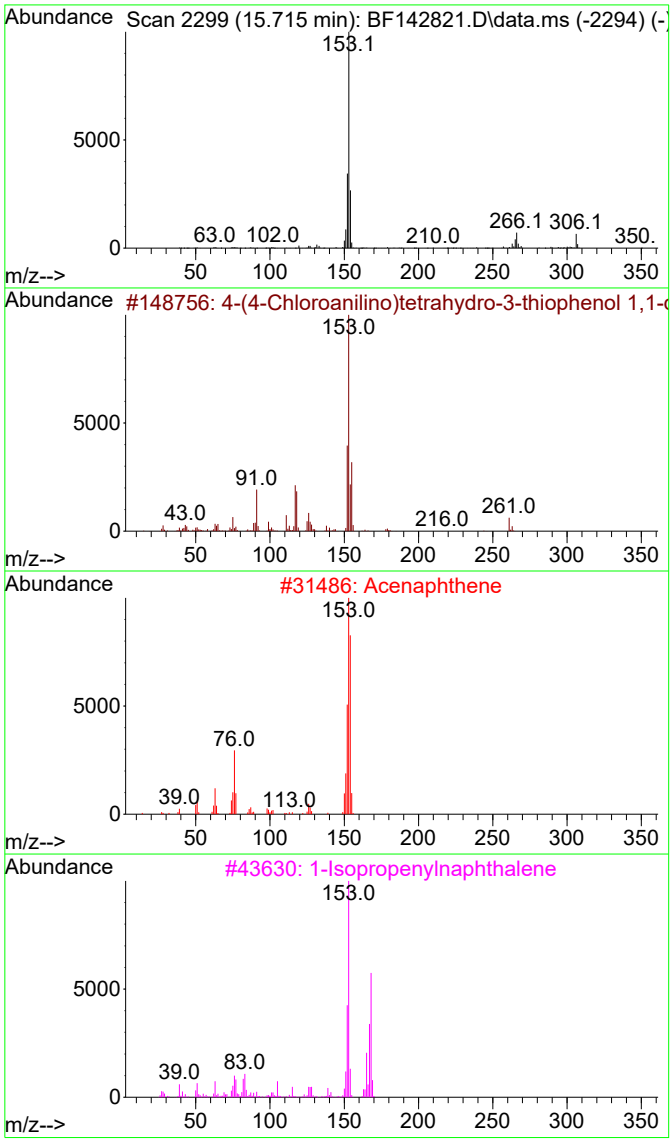
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

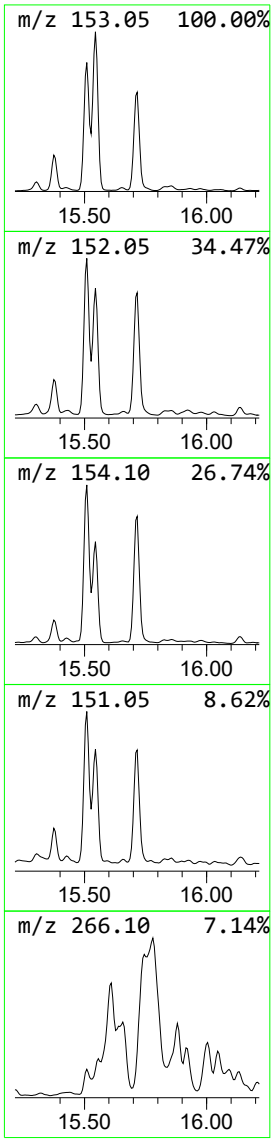
****

Peak Number 20 unknown15.715 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.715	9.71 ng	383921	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	Acenaphthene	154	C12H10	000083-32-9	9
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	9
4	(S)-1-(Naphthalen-1-yl)ethyl ace...	214	C14H14O2	016197-95-8	9
5	Benzamide, 4-chloro-3-methyl-N-a...	265	C15H20ClNO	1000446-46-8	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142821.D
Acq On : 24 Jun 2025 15:59
Operator : RC/JU
Sample : Q2386-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-1-062025

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,...	9.504	19.1	ng	471565	3	9.922	494521	20.0
Naphthalene, 2,...	9.575	27.4	ng	677426	3	9.922	494521	20.0
Naphthalene, 2,...	9.604	11.1	ng	273935	3	9.922	494521	20.0
Naphthalene, 1,...	9.698	14.1	ng	348877	3	9.922	494521	20.0
1-Isopropenylna...	10.080	16.6	ng	410574	3	9.922	494521	20.0
Naphthalene, 2,...	10.233	10.2	ng	251180	3	9.922	494521	20.0
Naphthalene, 1,...	10.328	12.0	ng	297525	3	9.922	494521	20.0
Diphenylmethane	10.557	75.0	ng	1855310	3	9.922	494521	20.0
Dibenzofuran, 4...	10.628	62.1	ng	1535270	3	9.922	494521	20.0
4H-Cyclopenta[d...	12.045	7.5	ng	6474350	4	11.422	17194900	20.0
Pyrene, 1-methyl-	13.086	6.4	ng	2484600	5	14.080	7710890	20.0
11H-Benzo[b]flu...	13.204	12.0	ng	4613030	5	14.080	7710890	20.0
Fluoranthene, 2...	13.269	11.2	ng	4322090	5	14.080	7710890	20.0
Pyrene, 2-methyl-	13.304	4.4	ng	1689270	5	14.080	7710890	20.0
unknown13.874	13.874	4.7	ng	1791730	5	14.080	7710890	20.0
Cyclopenta(cd)p...	14.180	4.2	ng	1620300	5	14.080	7710890	20.0
Benzo[e]pyrene	15.227	8.2	ng	323404	6	15.557	790964	20.0
Thiophene-3-car...	15.380	6.8	ng	267869	6	15.557	790964	20.0
Benzo[j]fluoran...	15.433	29.6	ng	1171010	6	15.557	790964	20.0
unknown15.715	15.715	9.7	ng	383921	6	15.557	790964	20.0