LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140275.D
Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z-01

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140275.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	12	25	rVB	997476	1603290	9.39%	0.919%
2	5.493	568	578	583	rBV	2160420	2874185	16.83%	1.647%
3	6.498	741	749	754	rBV	2138007	3030586	17.75%	1.737%
4	6.875	808	813	819	rBV	630231	767594	4.50%	0.440%
5	7.434	900	908	913	rBV	1517181	1986158	11.63%	1.138%
6	8.181	1024	1035	1039	rBV2	1991702	3543519	20.76%	2.031%
7	8.869	1147	1152	1157	rBV	1389796	1734399	10.16%	0.994%
8	8.969	1164	1169	1173	rVB	977618	1258439	7.37%	0.721%
9	9.234	1209	1214	1218	rVB	2530755	3262812	19.11%	1.870%
10	9.334	1222	1231	1236	rVV2	407592	606324	3.55%	0.347%
11	9.428	1240	1247	1253	rVB	231005	375085	2.20%	0.215%
12	9.498	1253	1259	1264	rBV	578232	931523	5.46%	0.534%
13	9.569	1264	1271	1274	rVV	864172	1300859	7.62%	0.745%
14	9.598	1274	1276	1280	rVV	552532	581076	3.40%	0.333%
15	9.686	1284	1291	1300	rVV2	438286	895479	5.25%	0.513%
16	9.775	1300	1306	1310	rVB2	401878	561028	3.29%	0.321%
17	9.916	1320	1330	1332	rBV2	872457	1509168	8.84%	0.865%
18	9.951	1332	1336	1339	rVV	2355129	3079934	18.04%	1.765%
19	9.981	1339	1341	1344	rVV	232834	244650	1.43%	0.140%
20	10.016	1344	1347	1351	rVV	186570	292272	1.71%	0.167%
21	10.069	1351	1356	1360	rVV2	291008	486376	2.85%	0.279%
22	10.122	1360	1365	1369	rVV	1890832	2553497	14.96%	1.463%
23	10.157	1369	1371	1379	rVB	290500	349112	2.04%	0.200%
24	10.228	1379	1383	1386	rBV2	333948	483588	2.83%	0.277%
25	10.257	1386	1388	1394	rVB2	282714	350172	2.05%	0.201%
26	10.322	1394	1399	1406	rBV2	309219	712471	4.17%	0.408%
27	10.463	1418	1423	1428	rVB	2320120	3107323	18.20%	1.781%
28	10.528	1428	1434	1436	rBV	457936	886708	5.19%	0.508%
29	10.551	1436	1438	1441	rVV	507552	625317	3.66%	0.358%
30	10.622	1444	1450	1455	rVB3	985545	1687775	9.89%	0.967%
31	10.704	1455	1464	1469	rBV	2432927	3738184	21.90%	2.142%
32	10.751	1469	1472	1476	rVB2	254127	353349	2.07%	0.202%
33	10.828	1476	1485	1491	rVB4	325508	597414	3.50%	0.342%
34	11.010	1509	1516	1519	rBV4	658675	1319678	7.73%	0.756%
35	11.092	1524	1530	1533	rVB4	209308	390526	2.29%	0.224%
36	11.139	1533	1538	1540	rBV2	454598	722650	4.23%	0.414%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.210	1546	1550	1554	rVB	787469	1070449	6.27%	0.613%
38	11.257	1554	1558	1562	rVV3	630194	1055252	6.18%	0.605%
39	11.304	1562	1566	1572	rVB	1111631	1529185	8.96%	0.876%
40	11.445	1578	1590	1595	rBV	8699381	17072695	100.00%	9.783%
41	11.492	1595	1598	1608	rVB	3515372	5062742	29.65%	2.901%
42	11.639	1616	1623	1630	rBV2	1543892	2664517	15.61%	1.527%
43	11.704	1630	1634	1637	rVV3	350090	528433	3.10%	0.303%
44	11.739	1637	1640	1644	rVV5	309820	465228	2.72%	0.267%
45	11.910	1664	1669	1672	rBV	1502046	2329970	13.65%	1.335%
46	11.939	1672	1674	1678	rVB	2275068	2625546	15.38%	1.505%
47	11.986	1678	1682	1685	rBV	980973	1218518	7.14%	0.698%
48	12.028	1685	1689	1696	rVB3	2365280	4437695	25.99%	2.543%
49	12.086	1696	1699	1701	rBV3	219803	274823	1.61%	0.157%
50	12.110	1701	1703	1707	rVB3	241366	266920	1.56%	0.153%
51	12.204	1715	1719	1722	rBV	886398	1158512	6.79%	0.664%
52	12.233	1722	1724	1728	rVB	595173	626506	3.67%	0.359%
53	12.357	1740	1745	1747	rBV4	348691	536776	3.14%	0.308%
54	12.386	1747	1750	1752	rVV3	247123	335623	1.97%	0.192%
55	12.410	1752	1754	1758	rVB2	253123	255501	1.50%	0.146%
56	12.463	1758	1763	1766	rBV	711391	1198167	7.02%	0.687%
57	12.498	1766	1769	1775	rVV3	574065	1167211	6.84%	0.669%
58	12.557	1775	1779	1784	rVB3	655086	1004897	5.89%	0.576%
59	12.639	1785	1793	1797	rBV	6834255	11224479	65.75%	6.432%
60	12.692	1797	1802	1805	rVB2	263234	401118	2.35%	0.230%
61	12.775	1810	1816	1820	rBV3	484473	918375	5.38%	0.526%
62	12.869	1825	1832	1836	rVV2	6156604	11603162	67.96%	6.649%
63	12.904	1836	1838	1844	rVB2	619583	817868	4.79%	0.469%
64	12.998	1845	1854	1861	rVB3	1835767	3949299	23.13%	2.263%
65	13.075	1861	1867	1874	rBV4	818252	1819264	10.66%	1.043%
66	13.180	1877	1885	1889	rVB2	1099670	2302619	13.49%	1.319%
67	13.251	1893	1897	1899	rVV	635087	844387	4.95%	0.484%
68	13.286	1899	1903	1907	rVV2	1112778	1760760	10.31%	1.009%
69	13.345	1911	1913	1916	rVV	242064	289885	1.70%	0.166%
70	13.380	1916	1919	1922	rVV	483636	696582	4.08%	0.399%
71	13.410	1922	1924	1932	rVB2	591004	846399	4.96%	0.485%
72	13.574	1947	1952	1954	rBV4	291366	547581	3.21%	0.314%
73	13.692	1965	1972	1977	rBV	849235	1337911	7.84%	0.767%
74	13.804	1986	1991	1993	rBV2	759606	1140724	6.68%	0.654%
75	13.833	1993	1996	1998	rVV	386003	483998	2.83%	0.277%
76	13.904	2005	2008	2014	rVB	901981	1241960	7.27%	0.712%

LSC Area Percent Report

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Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.969	2015	2019	2026	rBV	192039	395827	2.32%	0.227%
78	14.057	2026	2034	2037	rBV2	3838248	7422295	43.47%	4.253%
79	14.092	2037	2040	2046	rVB	3359356	4742359	27.78%	2.718%
80	14.169	2050	2053	2057	rVB	431106	537667	3.15%	0.308%
81	14.286	2069	2073	2076	rVB2	426238	548901	3.22%	0.315%
82	14.451	2096	2101	2104	rVV	792807	1101031	6.45%	0.631%
83	14.480	2104	2106	2110	rVB	407955	468754	2.75%	0.269%
84	14.539	2111	2116	2119	rBV3	252213	454900	2.66%	0.261%
85	14.580	2119	2123	2125	rBV2	303540	420676	2.46%	0.241%
86	14.645	2130	2134	2140	rVB4	343780	613229	3.59%	0.351%
87	14.763	2150	2154	2157	rBV	308751	494445	2.90%	0.283%
88	14.951	2182	2186	2194	rVB2	273366	505149	2.96%	0.289%
89	15.127	2209	2216	2224	rBV	2582401	6577393	38.53%	3.769%
90	15.227	2230	2233	2238	rVB	503836	672140	3.94%	0.385%
91	15.333	2245	2251	2255	rBV	185226	499198	2.92%	0.286%
92	15.433	2262	2268	2274	rVB	1310673	2239571	13.12%	1.283%
93	15.504	2274	2280	2285	rVB	1989064	3277630	19.20%	1.878%
94	15.557	2285	2289	2292	rBV	409390	693701	4.06%	0.398%
95	15.592	2292	2295	2303	rVB2	590722	973025	5.70%	0.558%
96	17.068	2539	2546	2554	rVB2	718720	1619769	9.49%	0.928%
97	17.245	2570	2576	2581	rBV	172304	370759	2.17%	0.212%
98	17.304	2582	2586	2592	rVV2	119858	243790	1.43%	0.140%
99	17.521	2616	2623	2640	rVB	490345	1252318	7.34%	0.718%
100	17.757	2658	2663	2679	rVB2	172398	469178	2.75%	0.269%

Sum of corrected areas: 174507762

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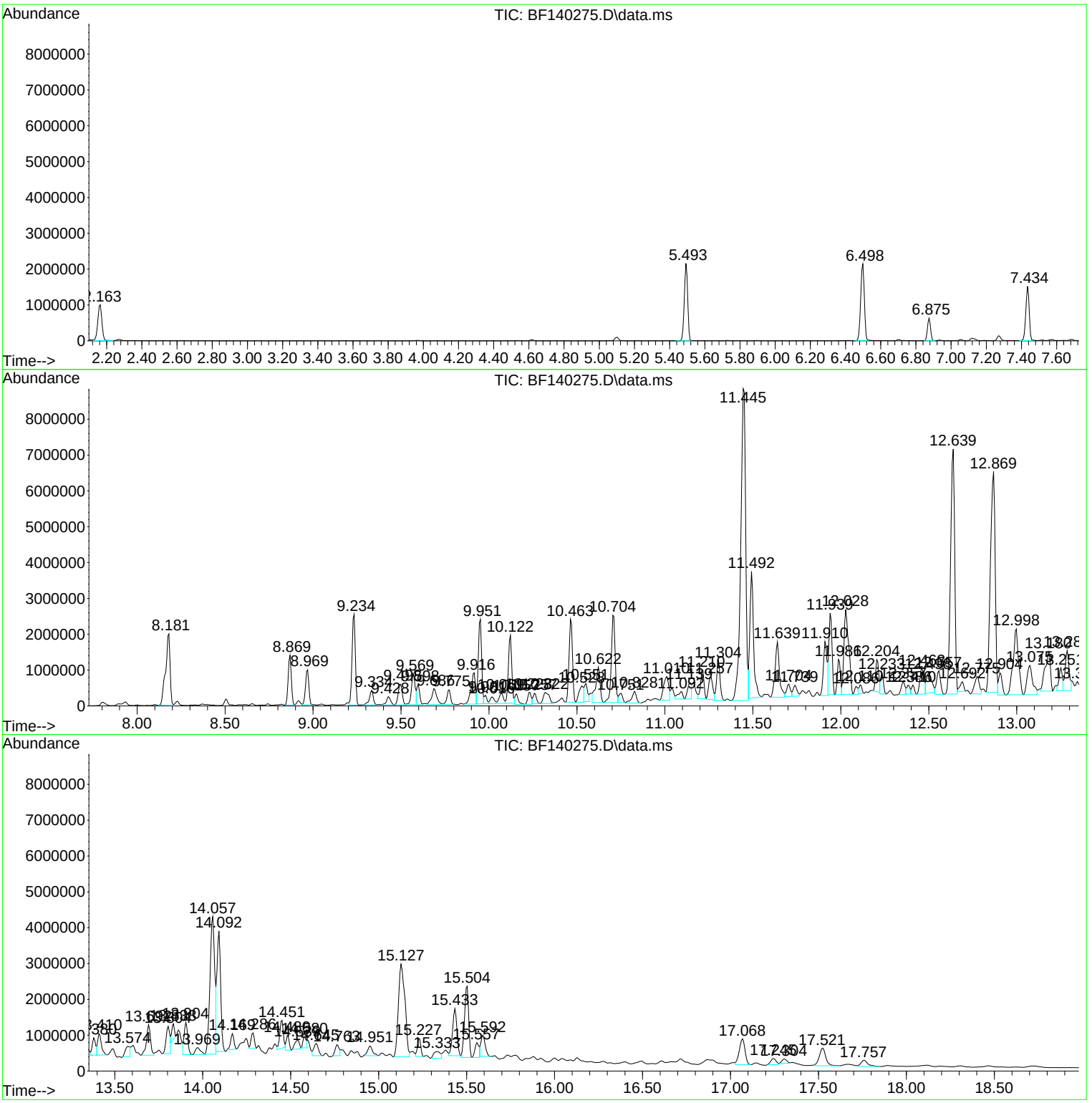
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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\BF110724\
Data File : BF140275.D
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

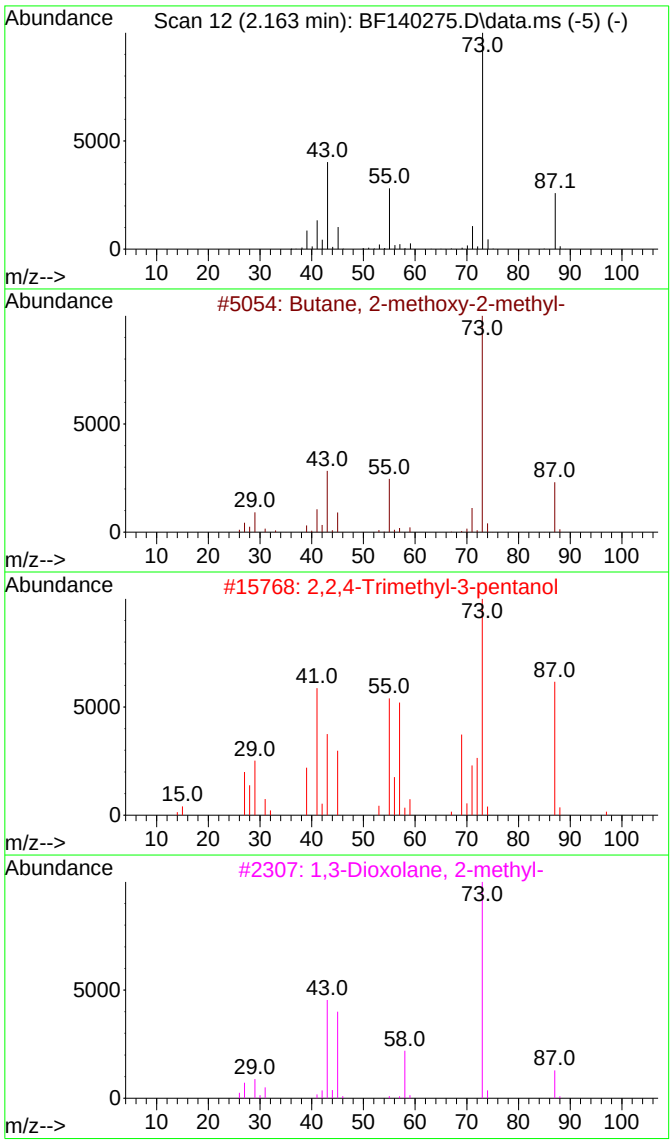
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

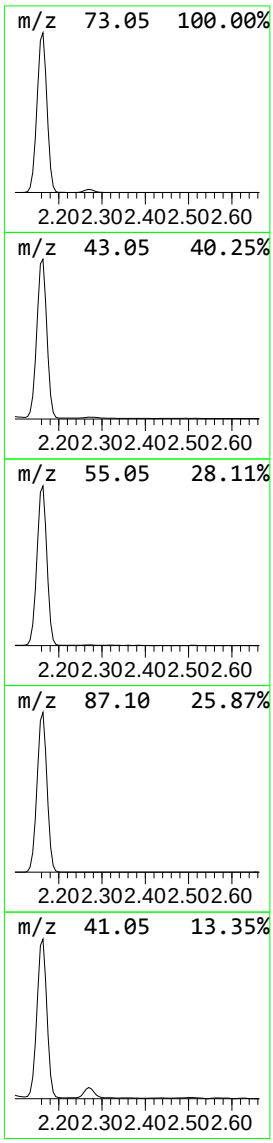
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	41.77 ng	1603290	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
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Sample : P4695-01
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

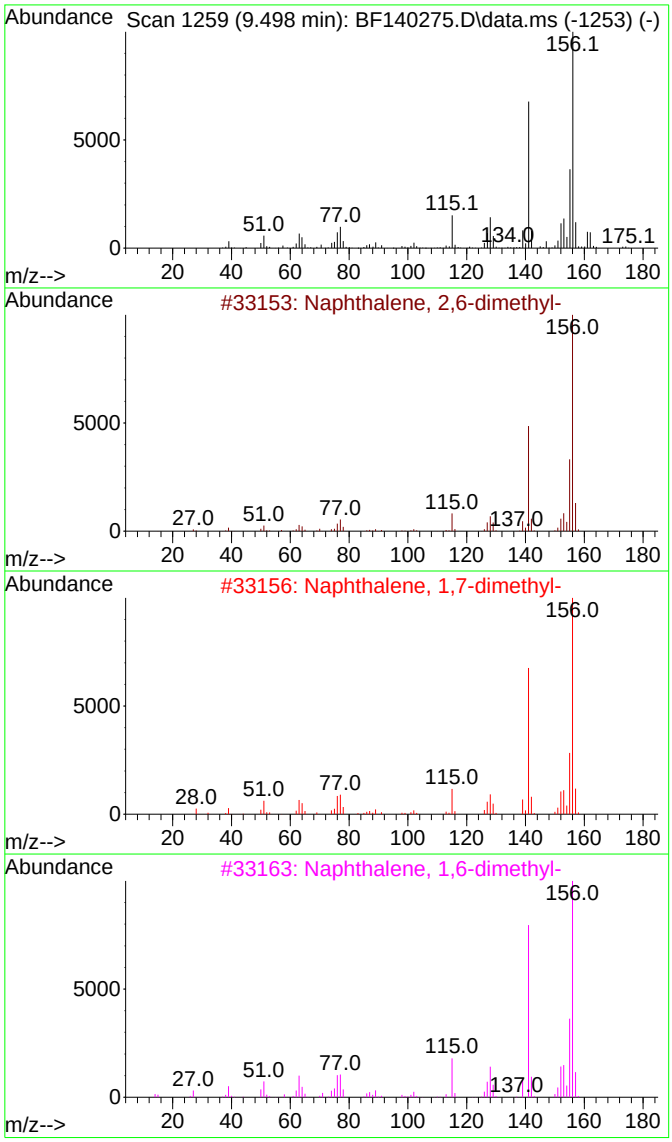
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

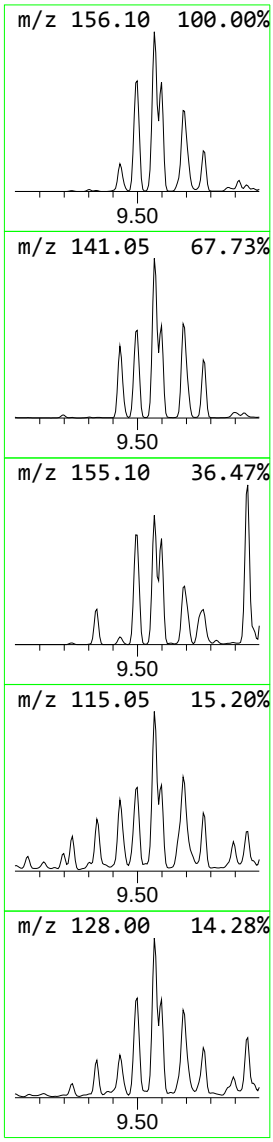
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	12.34 ng	931523	Acenaphthene-d10	9.916

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
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Sample : P4695-01
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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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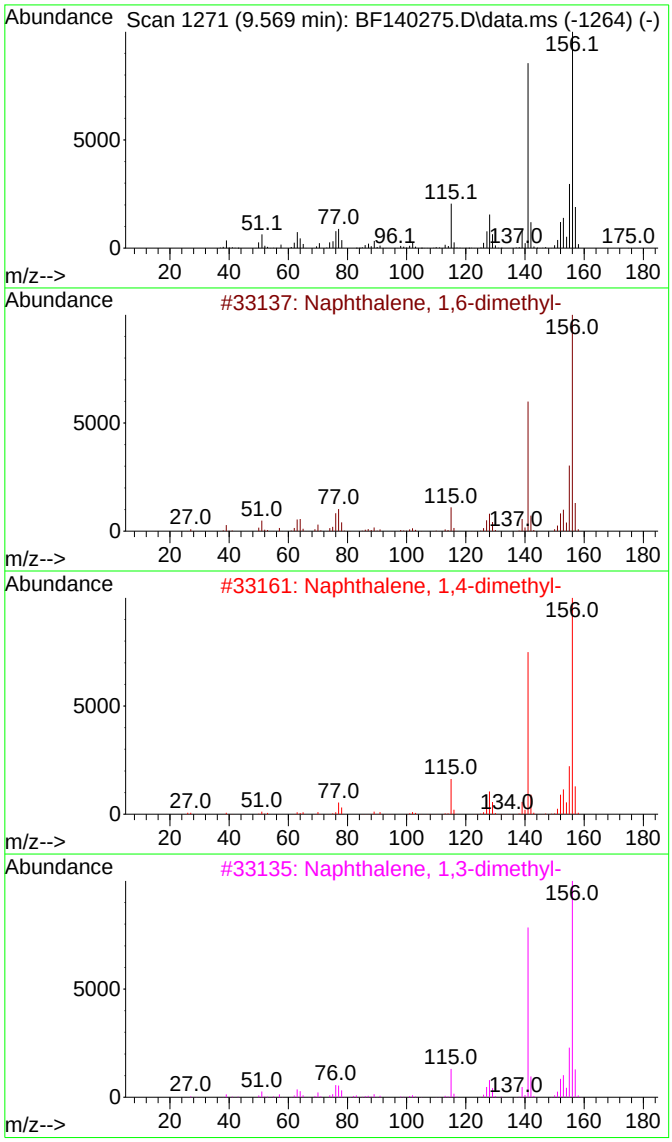
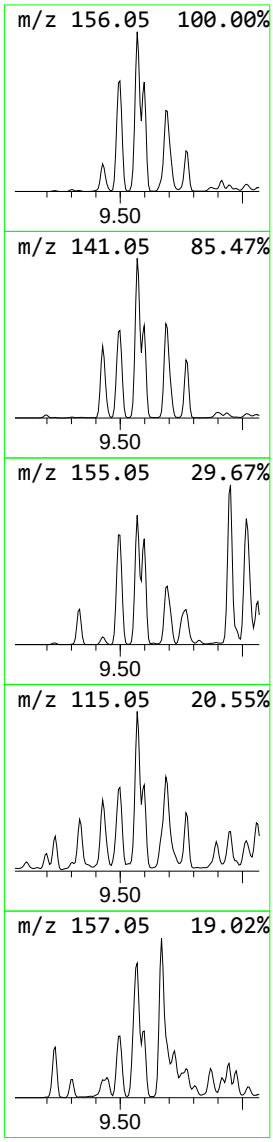
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	17.24 ng	1300860	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140275.D
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Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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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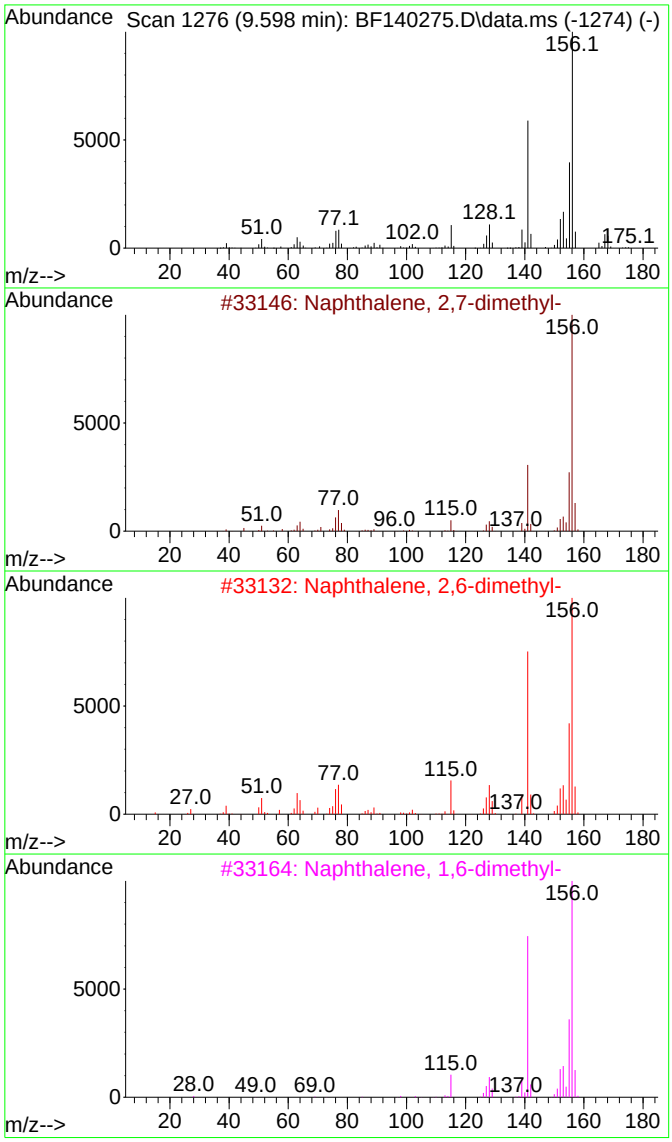
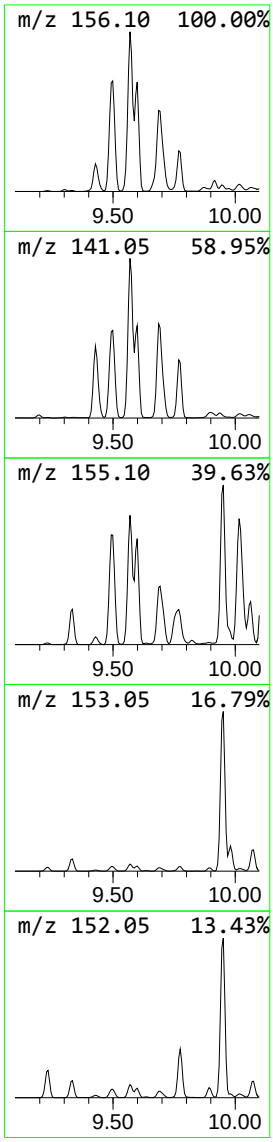
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	7.70 ng	581076	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140275.D
Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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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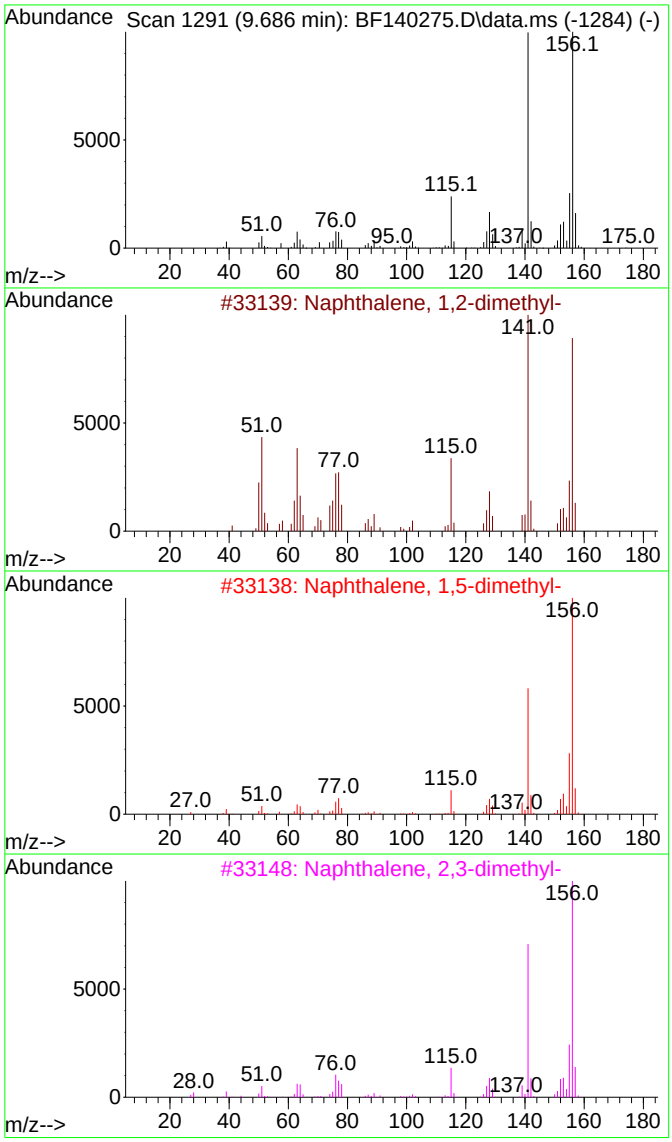
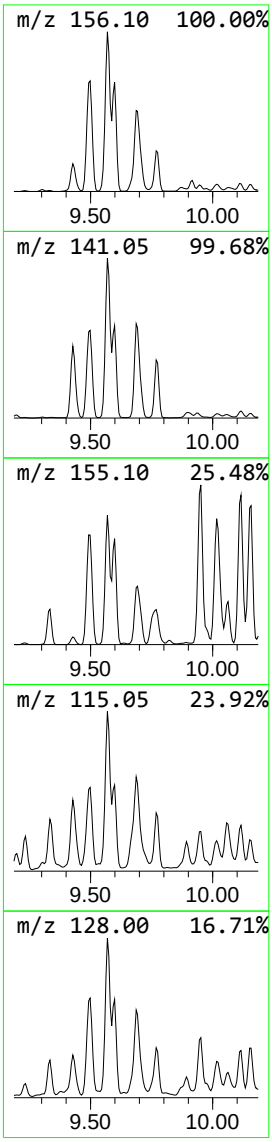
Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	11.87 ng	895479	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

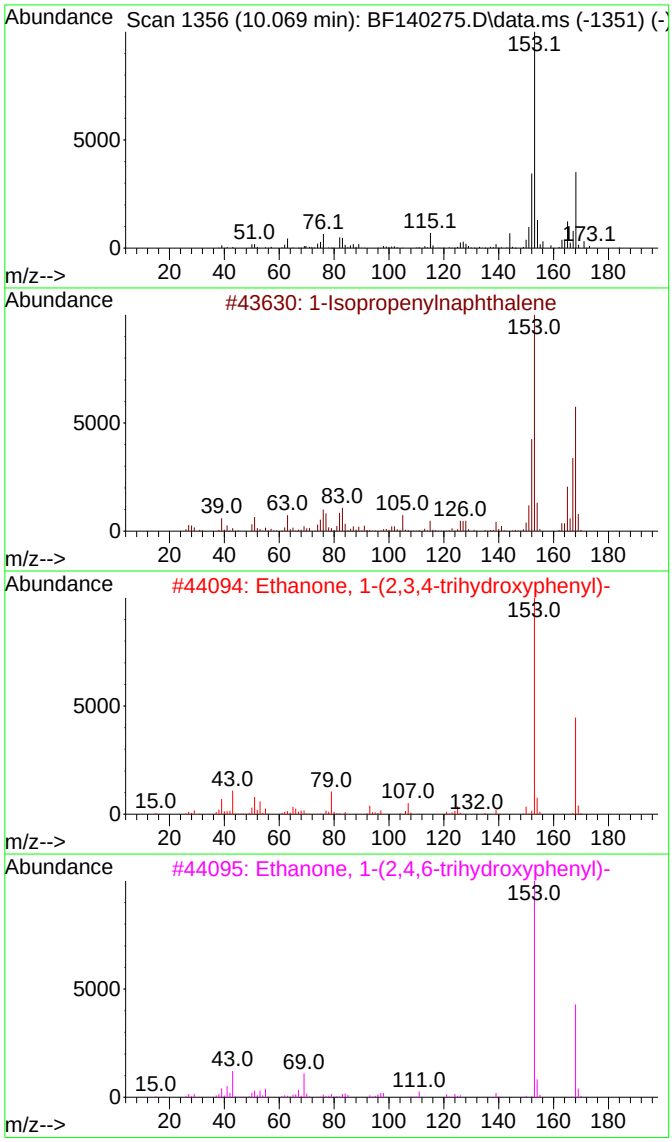
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

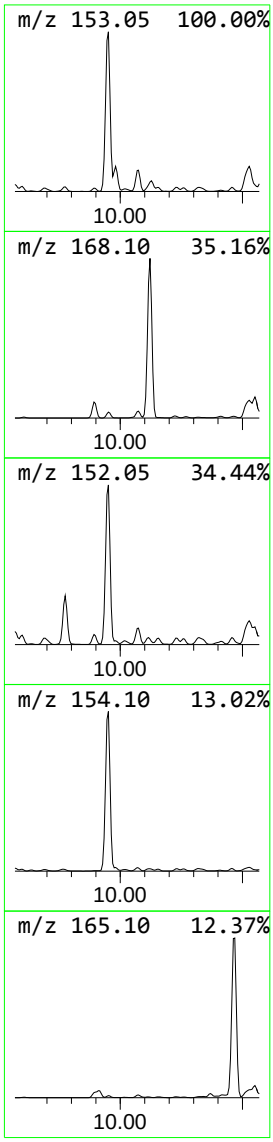
****

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.069	6.45 ng	486376	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	52
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	40
4	4-(4-Chloroanilino)tetrahydro-3-...	333	C13H20ClNO3SSi	1000488-24-0	38
5	4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	38





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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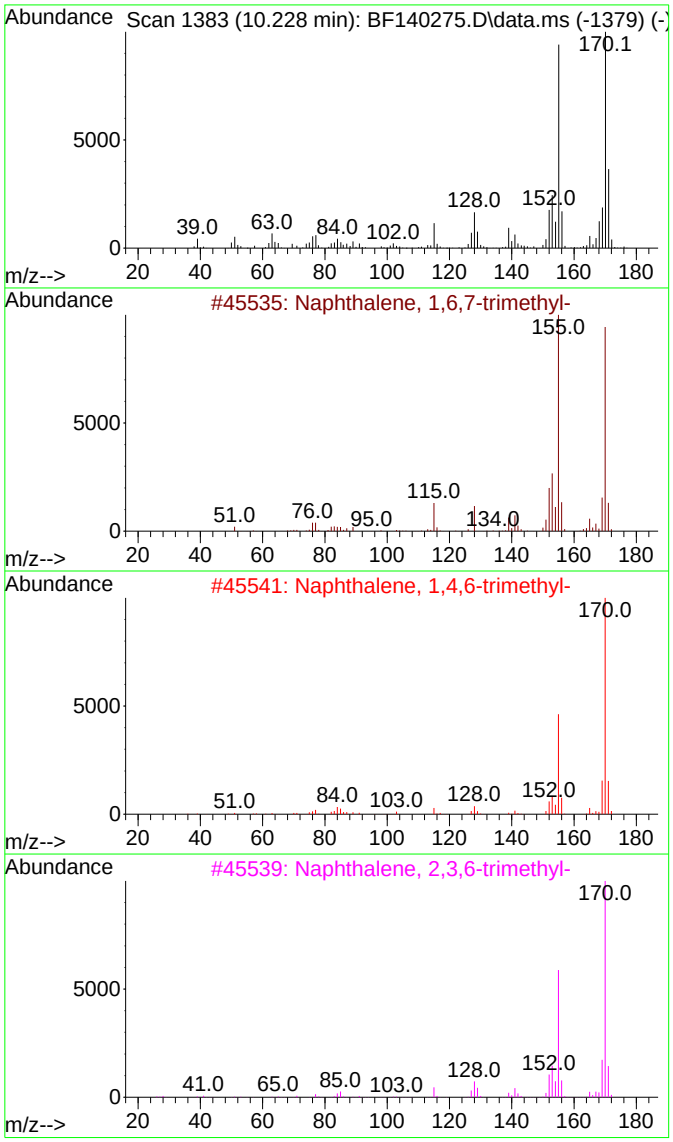
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

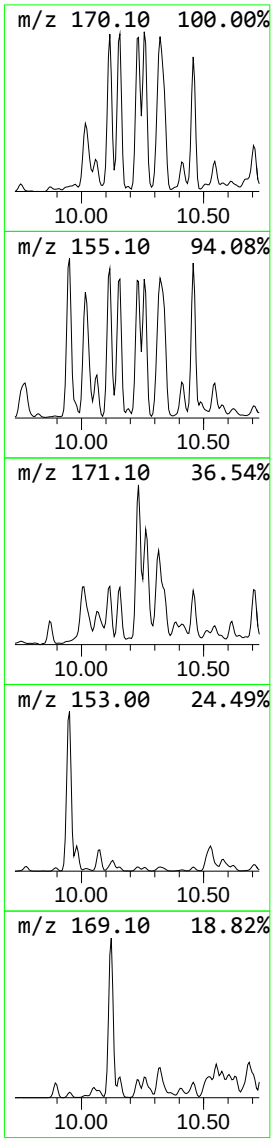
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	6.41 ng	483588	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87





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Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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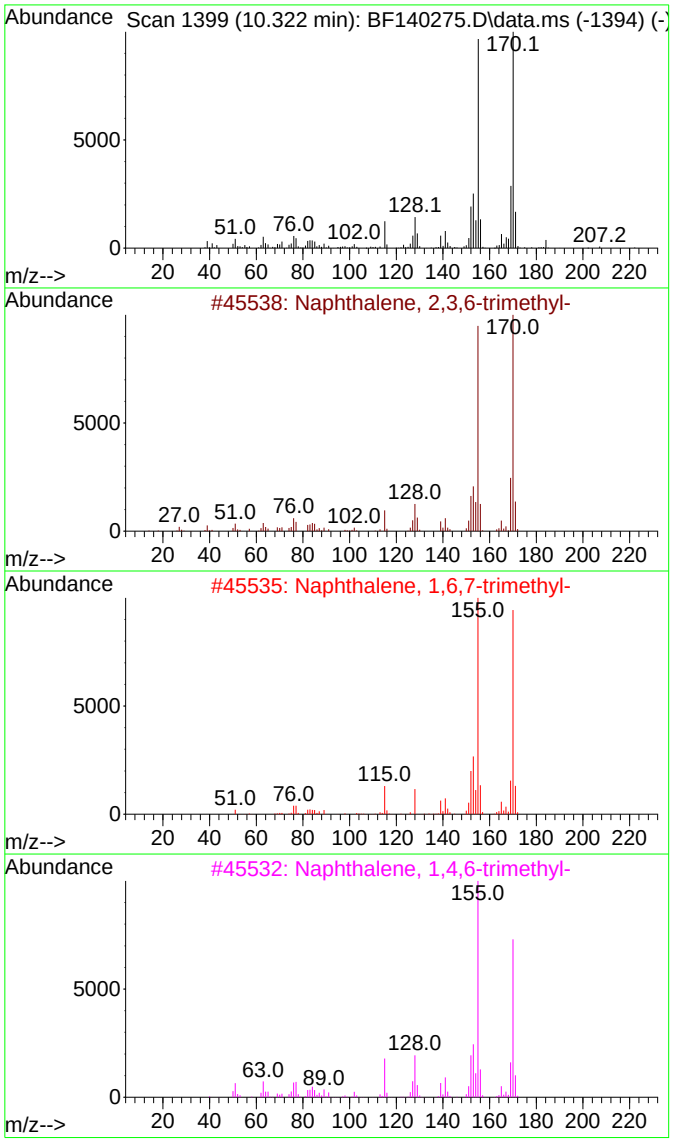
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

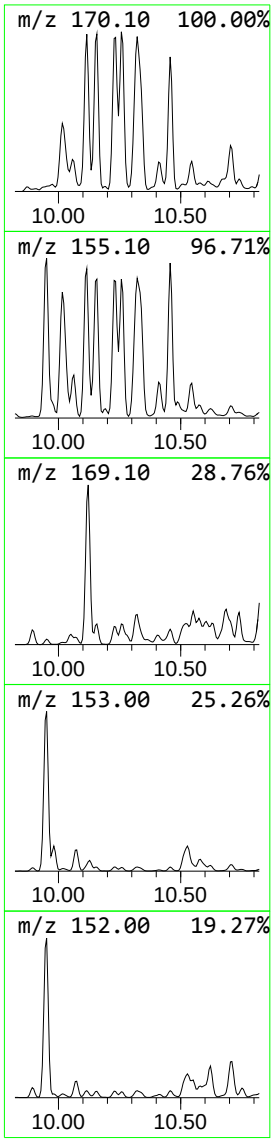
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	9.44 ng	712471	Acenaphthene-d10	9.916

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	98
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 : 16 Sample Multiplier: 1

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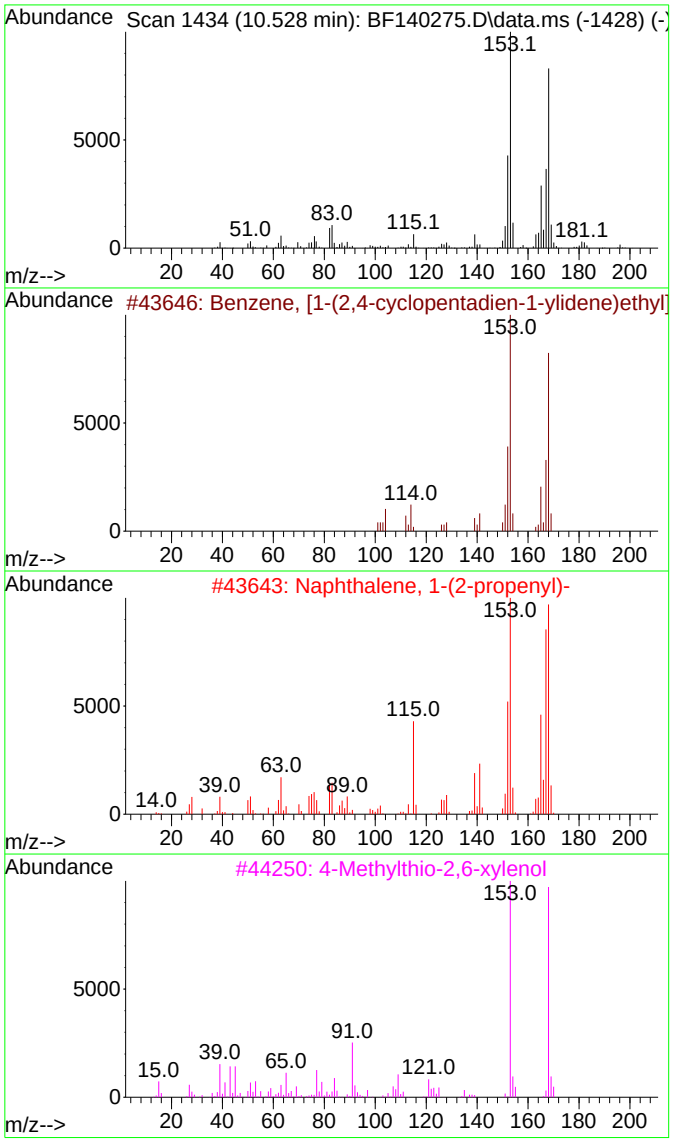
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

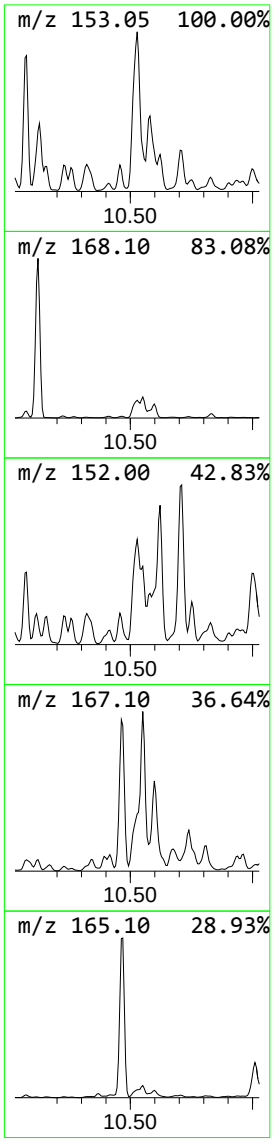
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	11.75 ng	886708	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	50
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	50





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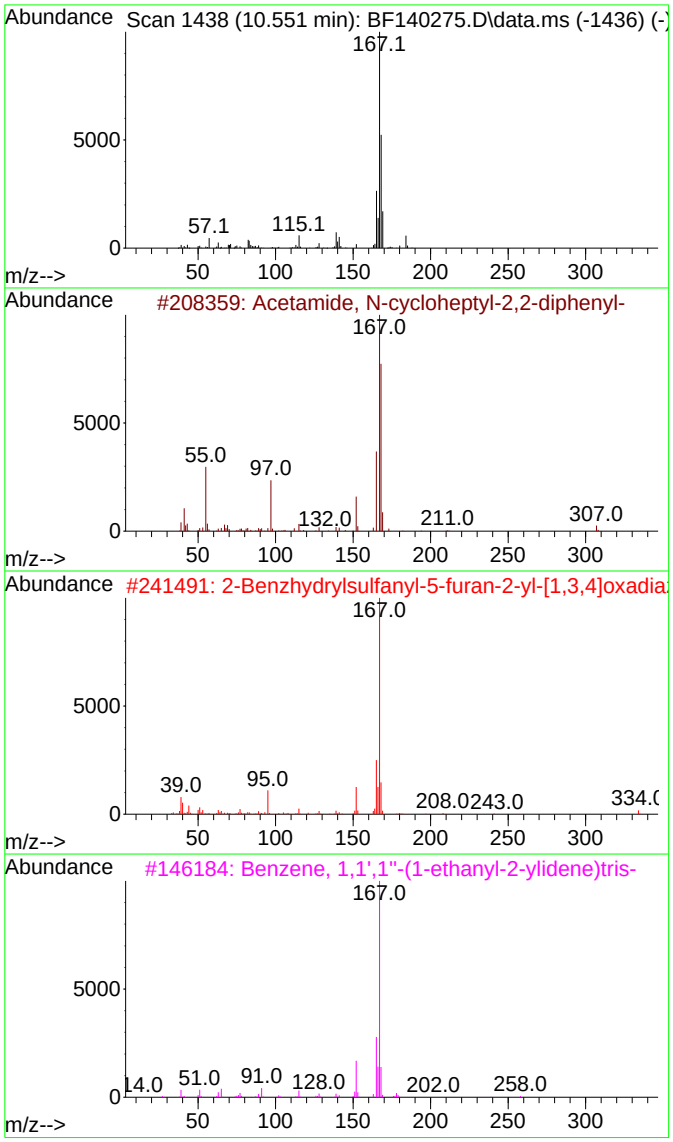
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

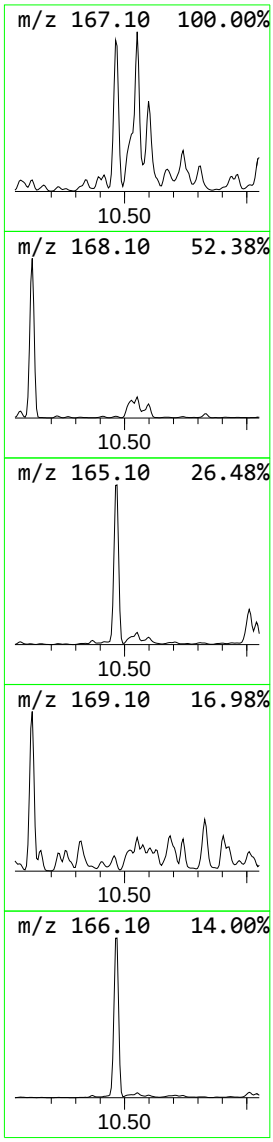
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Acetamide, N-cycloheptyl-2,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	8.29 ng	625317	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	64
2	2-Benzhydrylsulfanyl-5-furan-2-y...	334	C19H14N2O2S	350497-80-2	53
3	Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	50
4	4-(Bromomethyl)-1,1'-biphenyl	246	C13H11Br	002567-29-5	50
5	Carbazole	167	C12H9N	000086-74-8	47





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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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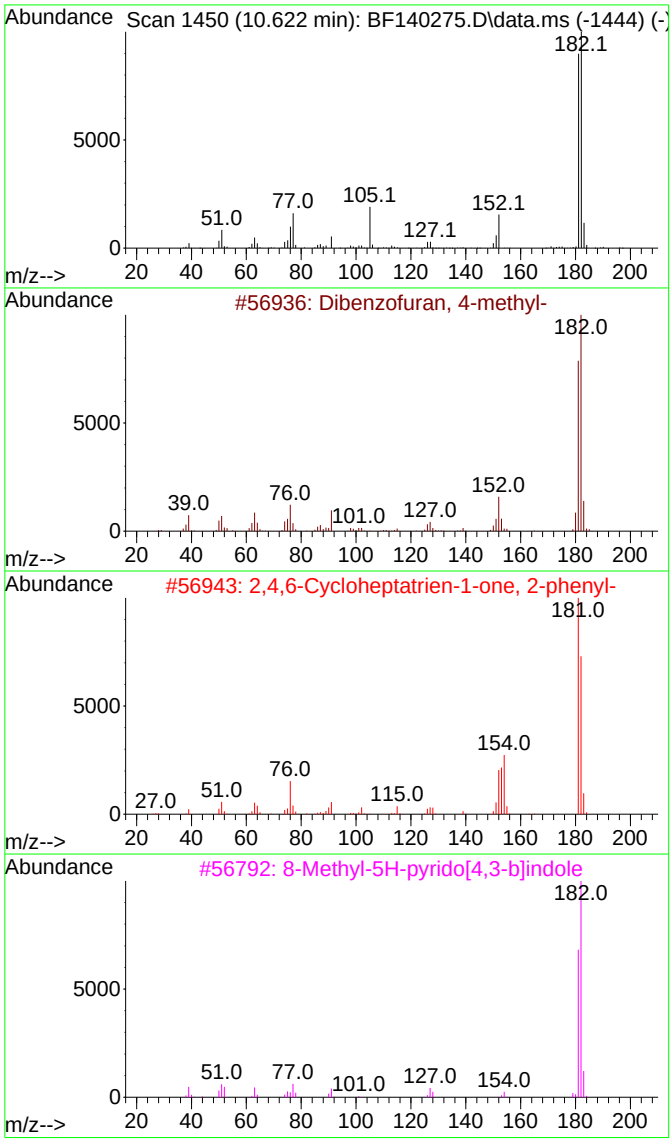
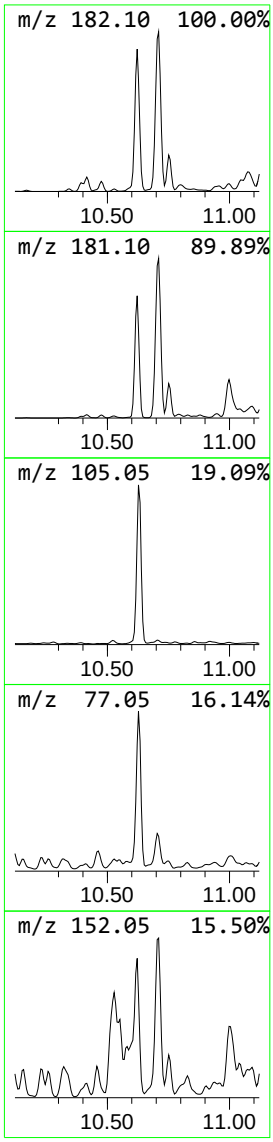
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	22.37 ng	1687780	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64
3	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	59
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	50





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ALS Vial : 16 Sample Multiplier: 1

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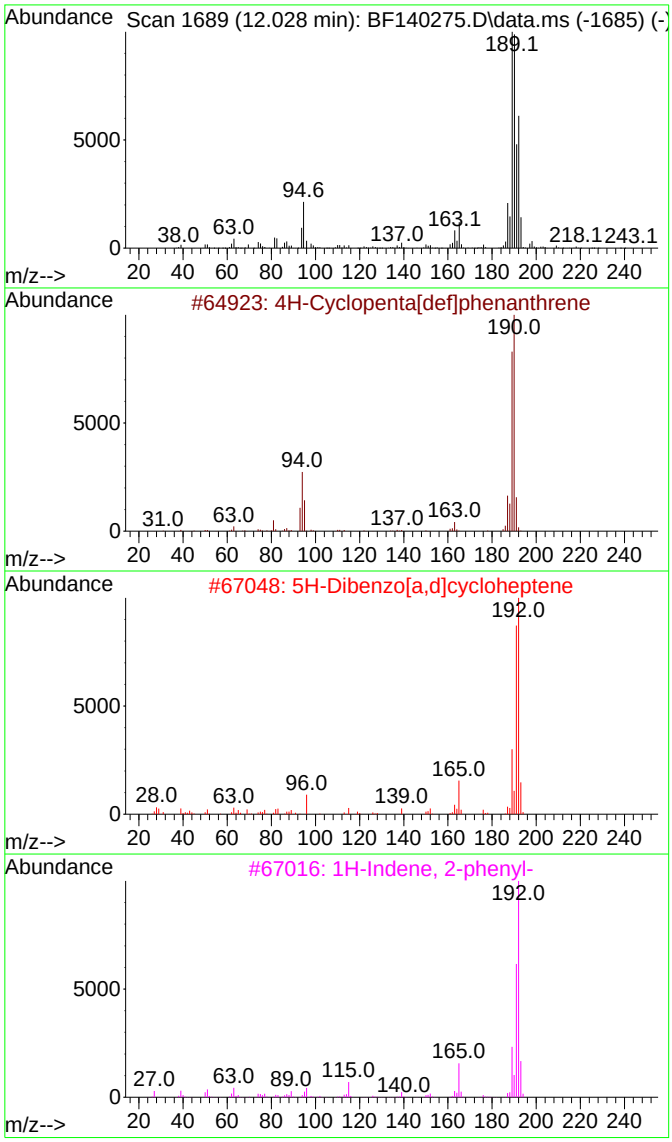
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

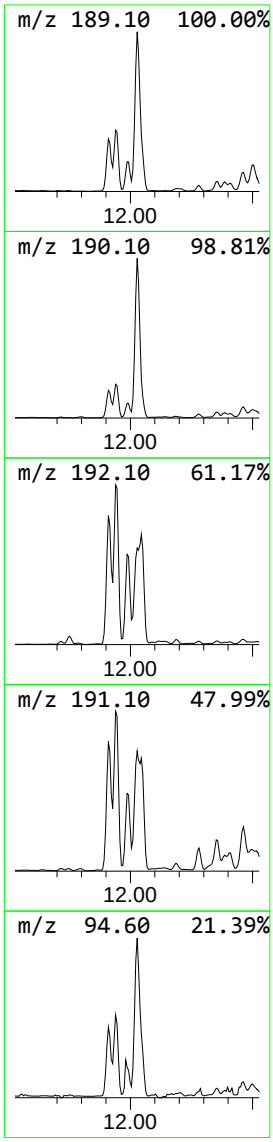
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	5.20 ng	4437700	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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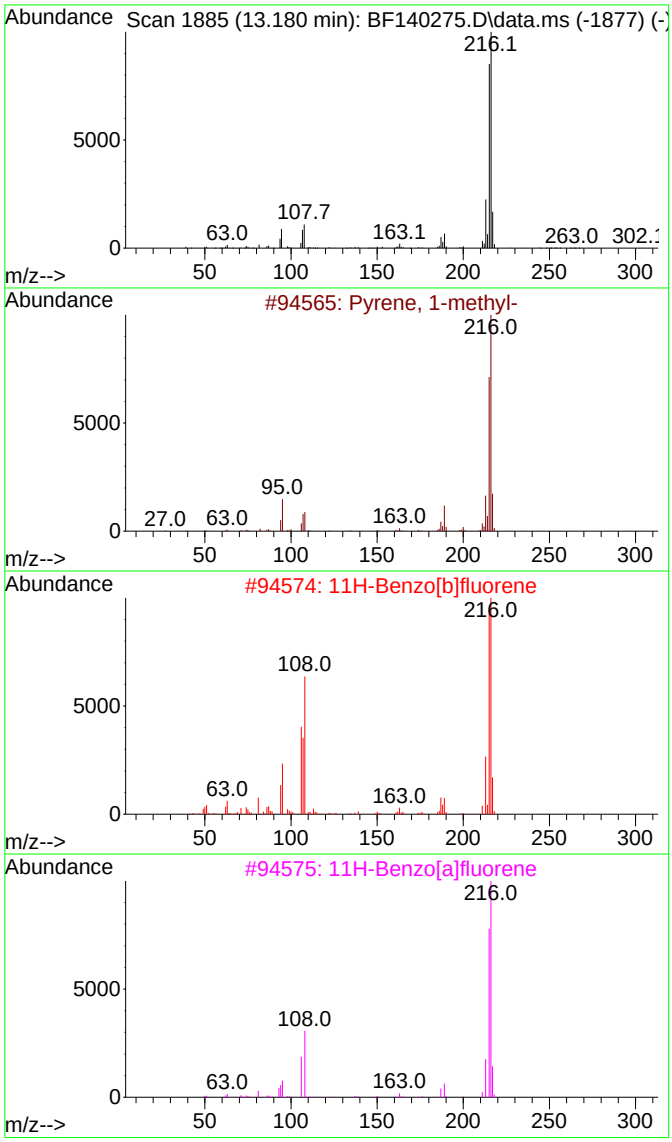
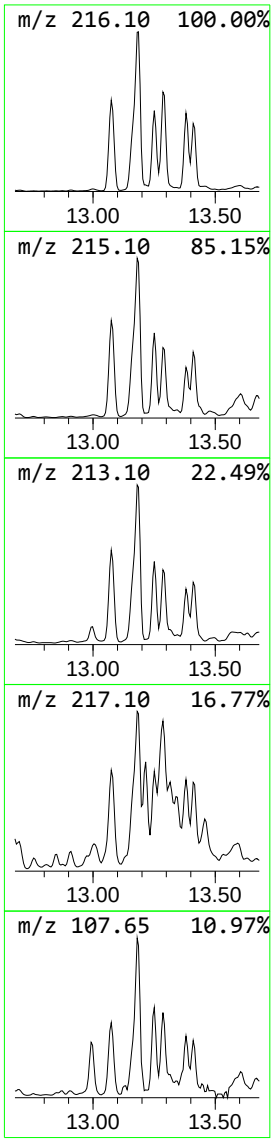
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	6.20 ng	2302620	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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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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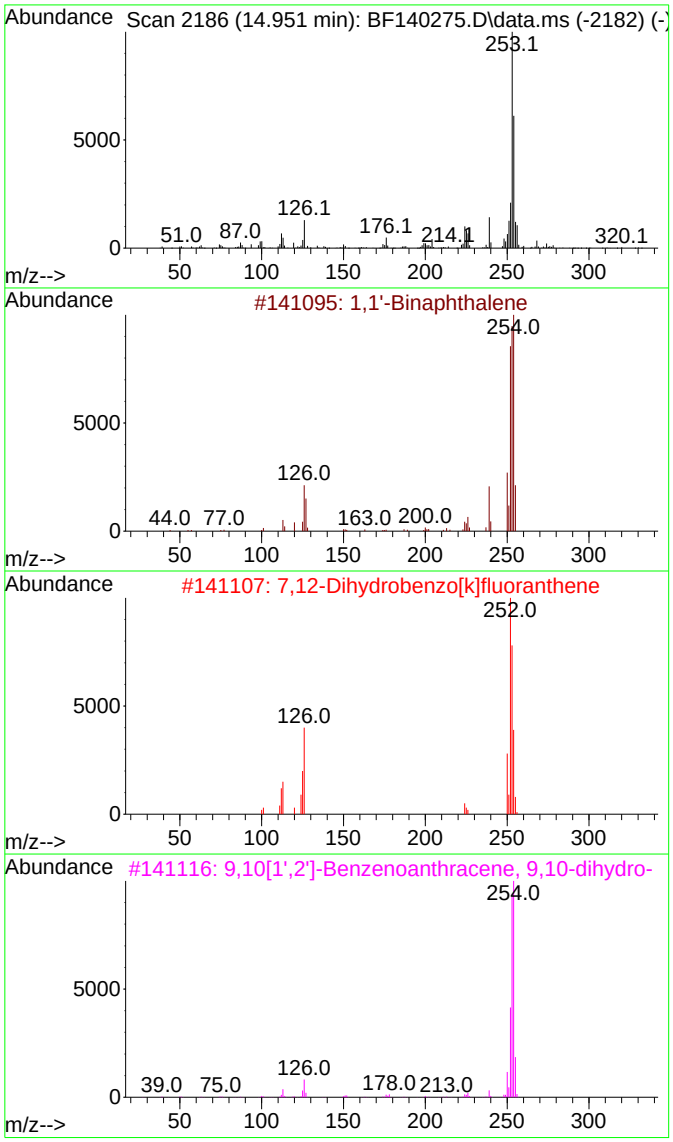
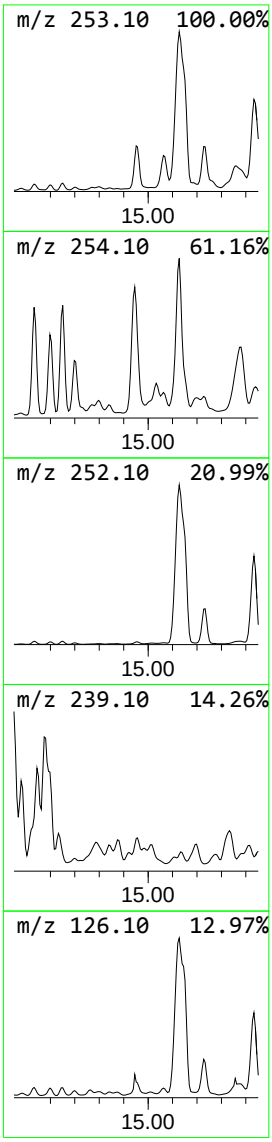
Peak Number 14 1,1'-Binaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	14.56 ng	505149	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	64
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60





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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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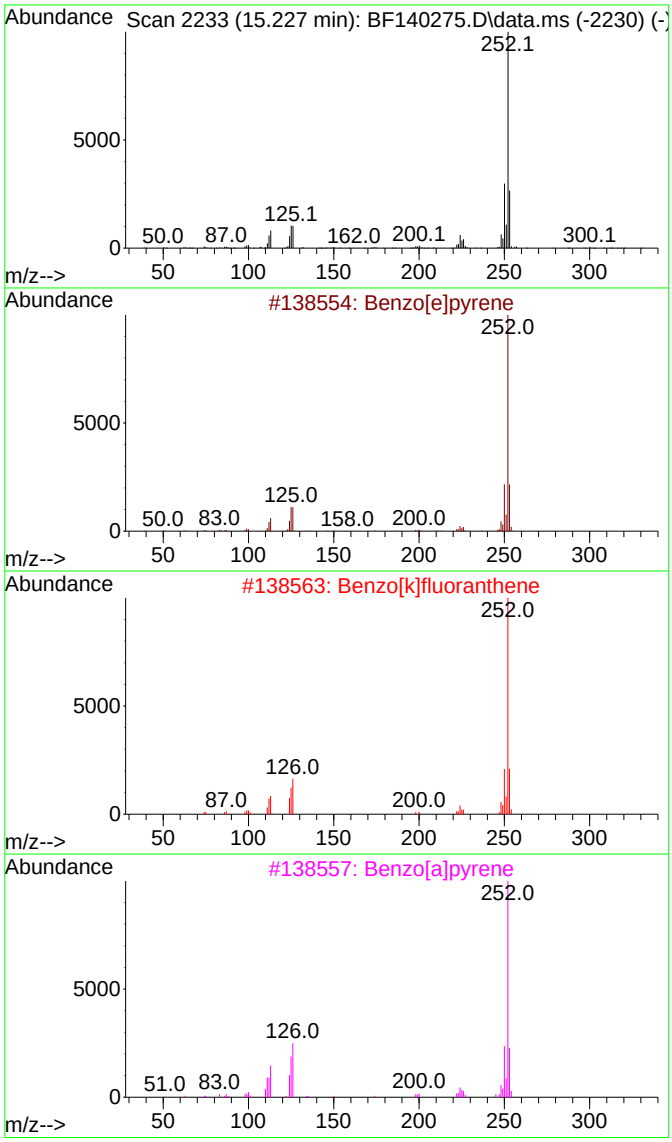
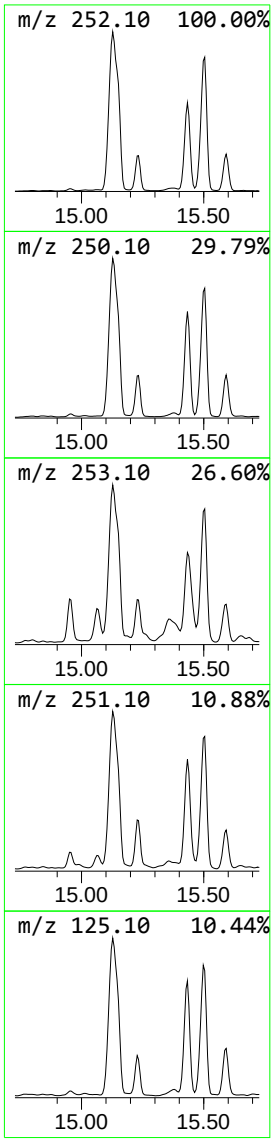
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	19.38 ng	672140	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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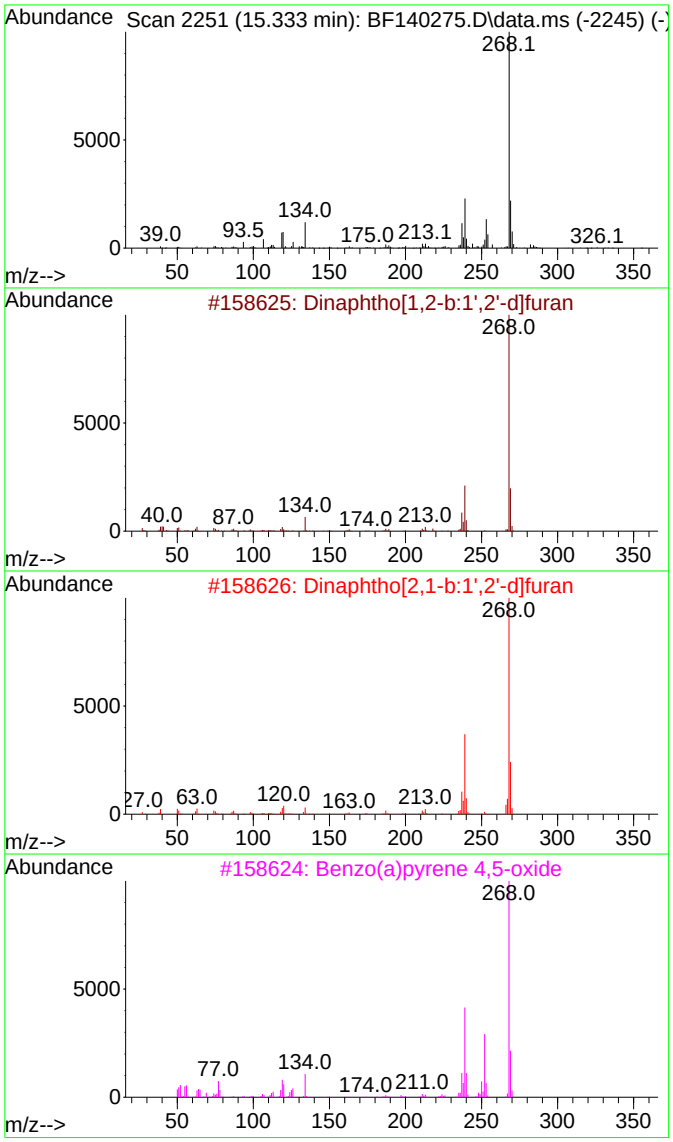
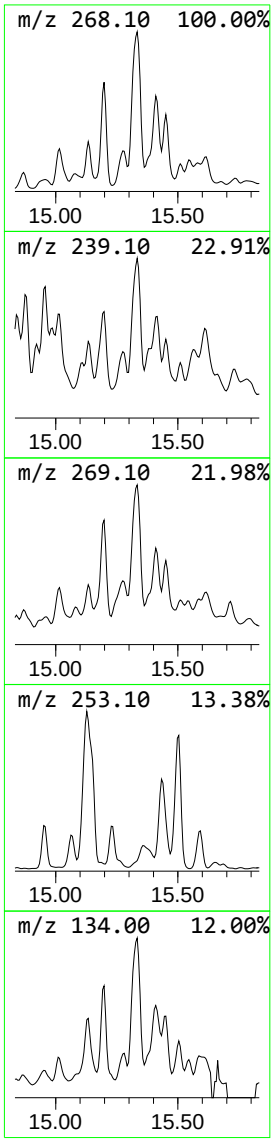
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	14.39 ng	499198	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	83
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
4	(2E)-1,3-Bis(3-hydroxyphenyl)-2-...	268	C17H16O3	1000504-86-0	70
5	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	59





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Data File : BF140275.D
Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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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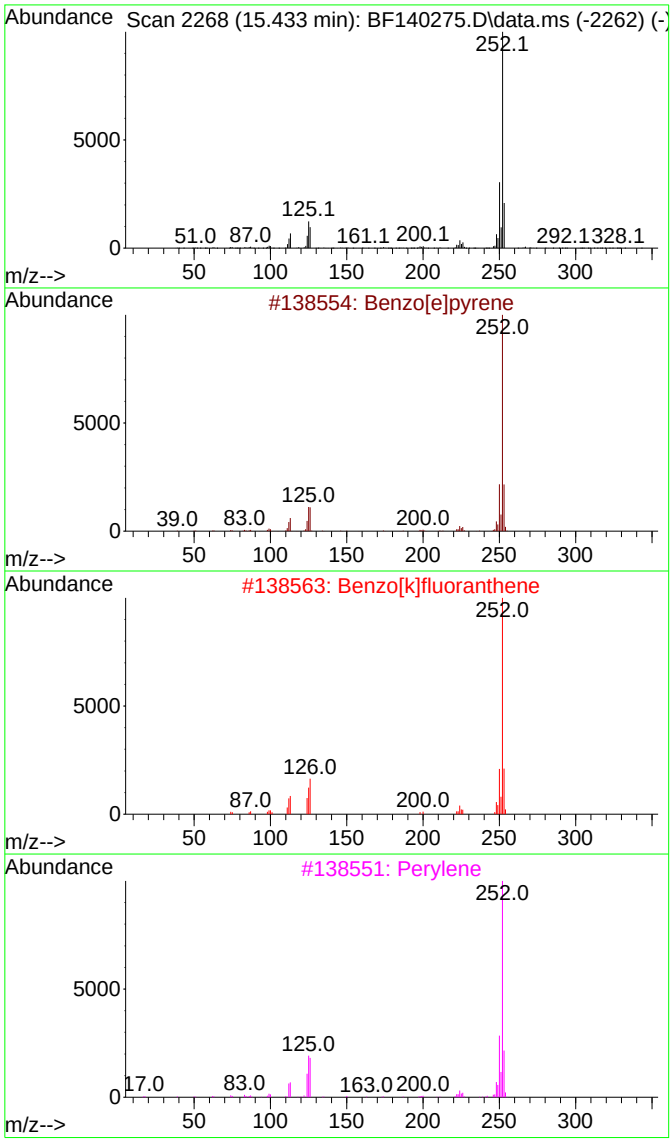
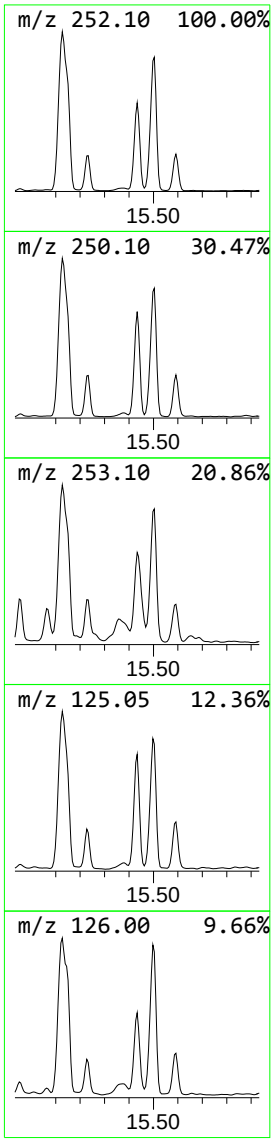
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	64.57 ng	2239570	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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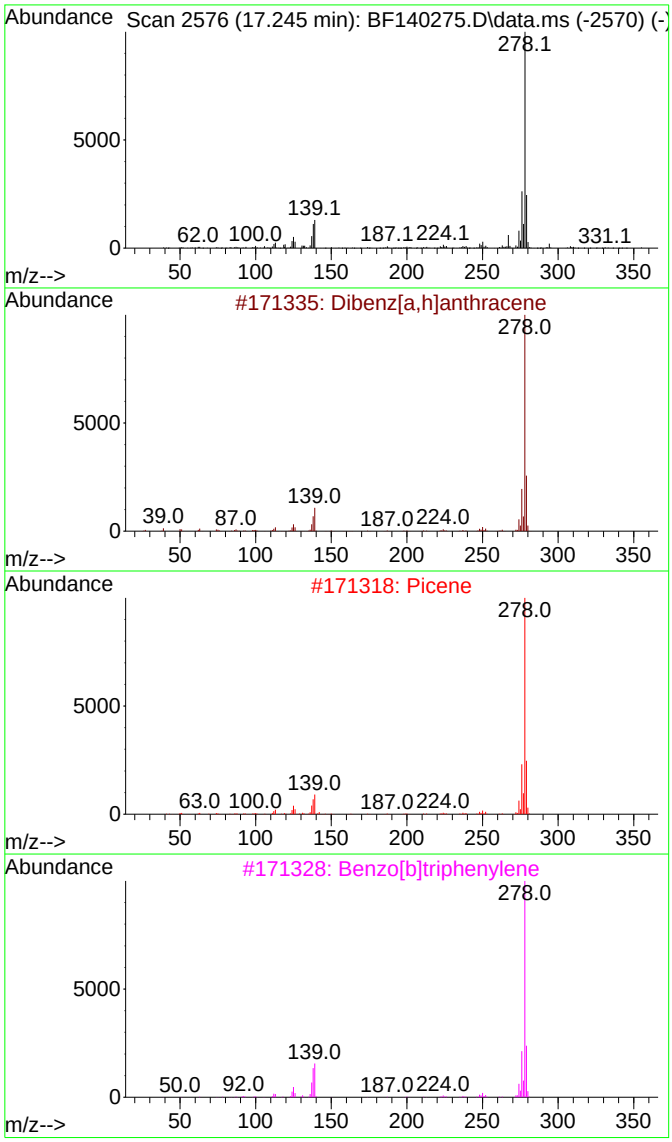
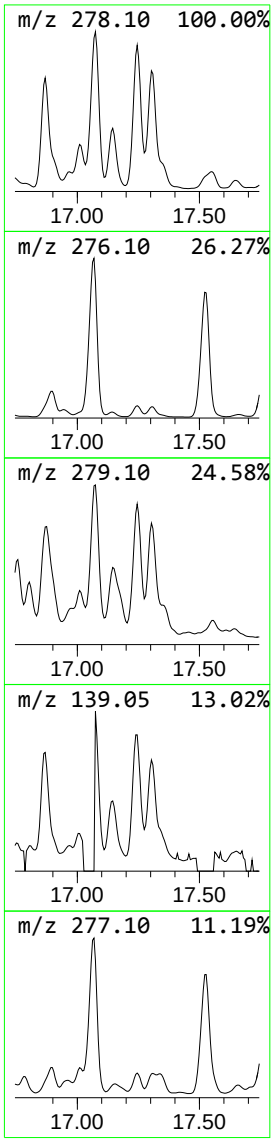
Peak Number 18 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	10.69 ng	370759	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	99
2	Picene	278	C22H14	000213-46-7	98
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
4	Benzo[b]chrysene	278	C22H14	000214-17-5	97
5	Pentaphene	278	C22H14	000222-93-5	96





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Data File : BF140275.D
Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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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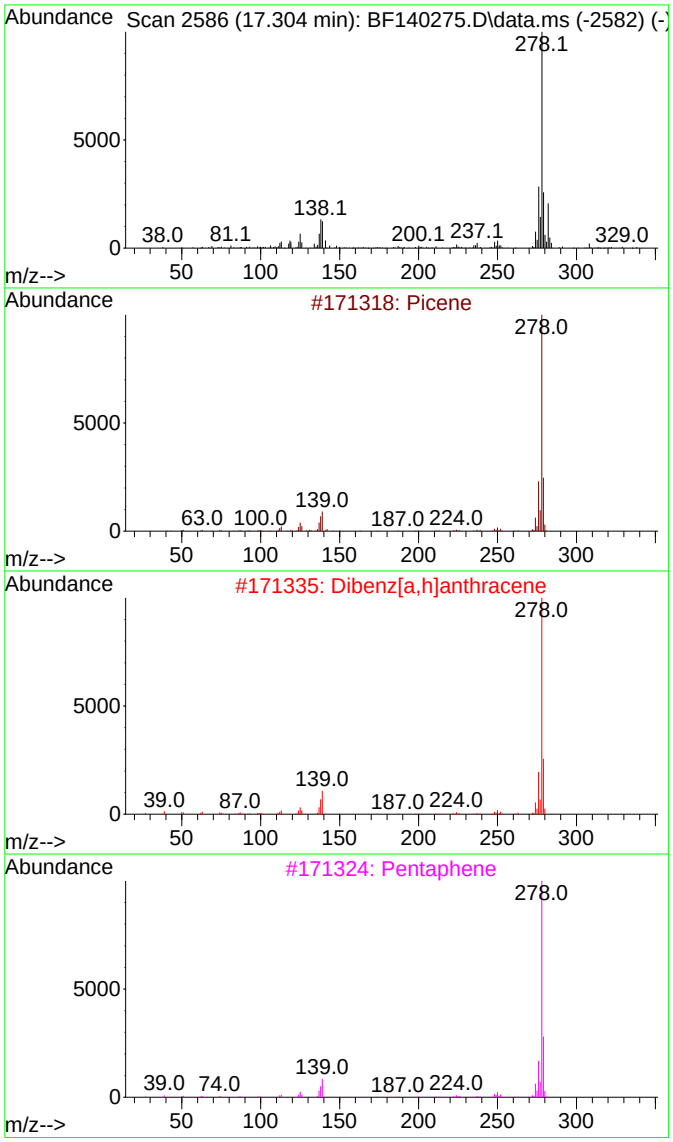
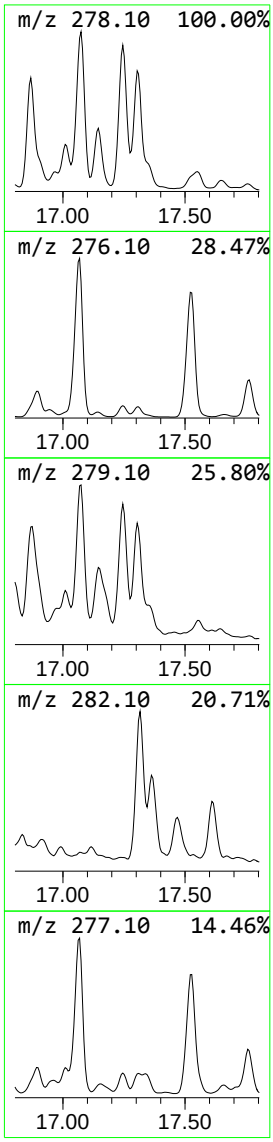
Peak Number 19 Pentaphene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.304	7.03 ng	243790	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Pentaphene	278	C22H14	000222-93-5	95
4	Pentacene	278	C22H14	000135-48-8	93
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140275.D
Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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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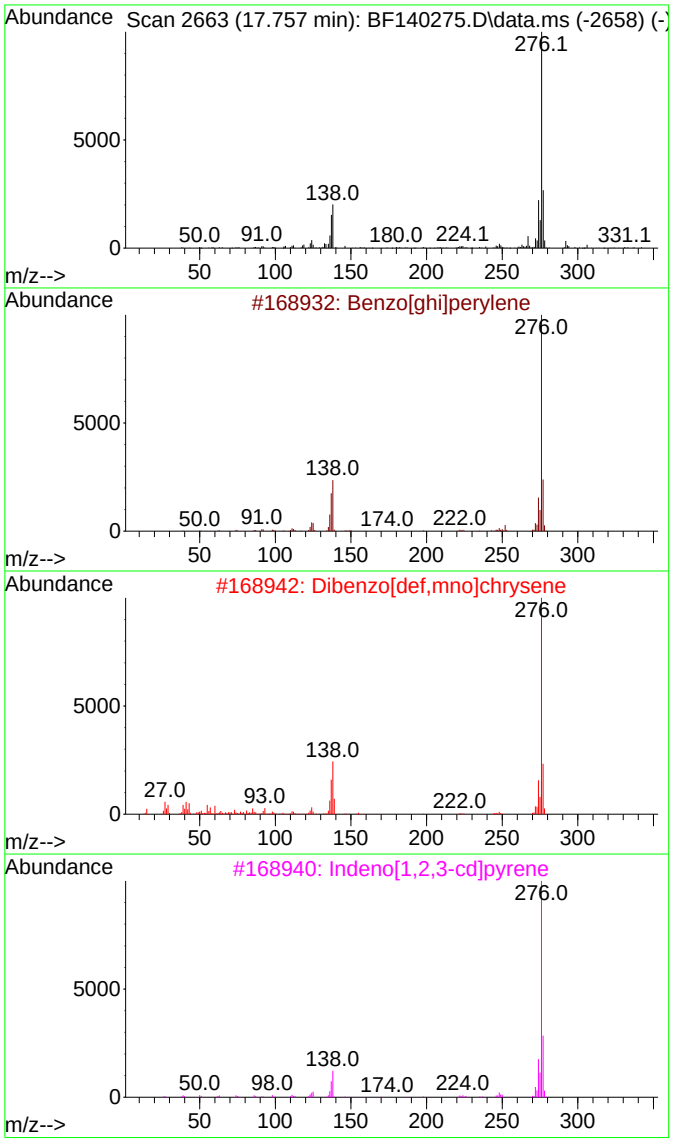
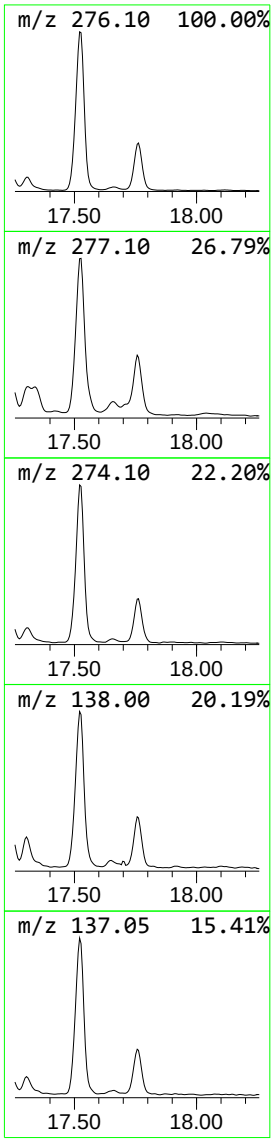
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	13.53 ng	469178	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	94
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140275.D
Acq On : 07 Nov 2024 15:20
Operator : RC/JU
Sample : P4695-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	41.8	ng	1603290	1	6.875	767594	20.0
Naphthalene, 2,...	9.498	12.3	ng	931523	3	9.916	1509170	20.0
Naphthalene, 1,...	9.569	17.2	ng	1300860	3	9.916	1509170	20.0
Naphthalene, 2,...	9.598	7.7	ng	581076	3	9.916	1509170	20.0
Naphthalene, 1,...	9.686	11.9	ng	895479	3	9.916	1509170	20.0
1-Isopropenylna...	10.069	6.5	ng	486376	3	9.916	1509170	20.0
Naphthalene, 1,...	10.228	6.4	ng	483588	3	9.916	1509170	20.0
Naphthalene, 2,...	10.322	9.4	ng	712471	3	9.916	1509170	20.0
Benzene, [1-(2,...	10.528	11.8	ng	886708	3	9.916	1509170	20.0
Acetamide, N-cy...	10.551	8.3	ng	625317	3	9.916	1509170	20.0
Dibenzofuran, 4...	10.622	22.4	ng	1687780	3	9.916	1509170	20.0
4H-Cyclopenta[d...	12.028	5.2	ng	4437700	4	11.410	17072700	20.0
Pyrene, 1-methyl-	13.180	6.2	ng	2302620	5	14.063	7422300	20.0
1,1'-Binaphthalene	14.951	14.6	ng	505149	6	15.557	693701	20.0
Benzo[e]pyrene	15.227	19.4	ng	672140	6	15.557	693701	20.0
Dinaphtho[1,2-b...	15.333	14.4	ng	499198	6	15.557	693701	20.0
Perylene	15.433	64.6	ng	2239570	6	15.557	693701	20.0
Picene	17.245	10.7	ng	370759	6	15.557	693701	20.0
Pentaphene	17.304	7.0	ng	243790	6	15.557	693701	20.0
Dibenzo[def,mno...	17.757	13.5	ng	469178	6	15.557	693701	20.0