LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136476.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	497	501	507	rBV	297088	348089	1.92%	0.195%
2	5.445	566	571	575	rBV	1847149	2658026	14.65%	1.490%
3	6.445	735	741	744	rBV	2346558	2561624	14.12%	1.436%
4	6.792	797	800	804	rVB	823505	722617	3.98%	0.405%
5	7.357	888	896	899	rBV	1742467	1629082	8.98%	0.913%
6	8.110	1011	1024	1027	rBV	7924582	10832686	59.72%	6.073%
7	8.151	1027	1031	1034	rVB	670317	599083	3.30%	0.336%
8	8.798	1134	1141	1144	rBV	7190924	7636798	42.10%	4.282%
9	8.839	1144	1148	1151	rVV	416488	400733	2.21%	0.225%
10	8.892	1151	1157	1160	rVB	4567594	4299221	23.70%	2.410%
11	9.151	1195	1201	1204	rBV	3466085	2854673	15.74%	1.601%
12	9.257	1211	1219	1222	rBV	2688850	2574516	14.19%	1.443%
13	9.345	1231	1234	1239	rVB	1326017	1370984	7.56%	0.769%
14	9.422	1239	1247	1250	rBV	2246546	3099000	17.09%	1.737%
15	9.492	1254	1259	1261	rVV	2918405	3038342	16.75%	1.703%
16	9.516	1261	1263	1267	rVB	1946297	1764715	9.73%	0.989%
17	9.610	1272	1279	1284	rBV	1300996	1545435	8.52%	0.866%
18	9.686	1287	1292	1296	rBV	683392	720150	3.97%	0.404%
19	9.822	1308	1315	1319	rBV2	2363253	2767111	15.26%	1.551%
20	9.880	1319	1325	1327	rVV	7935606	9521614	52.49%	5.338%
21	9.904	1327	1329	1331	rVV	473130	378162	2.08%	0.212%
22	9.939	1331	1335	1340	rVV3	645203	953452	5.26%	0.535%
23	9.992	1340	1344	1346	rVV2	914695	889929	4.91%	0.499%
24	10.051	1346	1354	1356	rVV	6439572	8825235	48.65%	4.948%
25	10.075	1356	1358	1362	rVV	952336	838684	4.62%	0.470%
26	10.151	1366	1371	1373	rVV2	673232	701560	3.87%	0.393%
27	10.180	1373	1376	1382	rVV2	736436	682802	3.76%	0.383%
28	10.239	1382	1386	1388	rVV	560215	647945	3.57%	0.363%
29	10.257	1388	1389	1397	rVV3	322224	406772	2.24%	0.228%
30	10.322	1397	1400	1402	rVV2	441555	447607	2.47%	0.251%
31	10.345	1402	1404	1406	rVV	674673	531088	2.93%	0.298%
32	10.398	1406	1413	1416	rVV	7824408	10689674	58.93%	5.993%
33	10.439	1416	1420	1421	rVV	802490	962674	5.31%	0.540%
34	10.451	1421	1422	1424	rVV	1416468	1147333	6.33%	0.643%
35	10.475	1424	1426	1428	rVV	2407597	1865245	10.28%	1.046%
36	10.498	1428	1430	1431	rVV	605849	493439	2.72%	0.277%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.522	1431	1434	1435	rVV	1169583	1114623	6.15%	0.625%
38	10.545	1435	1438	1442	rVV	2694711	2360813	13.02%	1.324%
39	10.627	1446	1452	1456	rVV	3585407	4581457	25.26%	2.569%
40	10.675	1456	1460	1463	rVV2	642136	680553	3.75%	0.382%
41	10.745	1467	1472	1475	rVV5	390533	607383	3.35%	0.341%
42	10.816	1479	1484	1487	rVV3	333731	512314	2.82%	0.287%
43	10.875	1488	1494	1497	rVV4	150428	342261	1.89%	0.192%
44	10.933	1497	1504	1506	rVV2	1868990	2308159	12.73%	1.294%
45	10.963	1506	1509	1511	rVV2	842703	892310	4.92%	0.500%
46	11.016	1514	1518	1520	rVV2	840053	896524	4.94%	0.503%
47	11.045	1520	1523	1524	rVV	442974	395729	2.18%	0.222%
48	11.063	1524	1526	1527	rVV	629044	560533	3.09%	0.314%
49	11.080	1527	1529	1531	rVV2	780342	790225	4.36%	0.443%
50	11.098	1531	1532	1535	rVV2	364939	392496	2.16%	0.220%
51	11.133	1535	1538	1542	rVV3	560564	696175	3.84%	0.390%
52	11.175	1542	1545	1550	rVV	776072	1101451	6.07%	0.618%
53	11.222	1550	1553	1560	rVB	2368599	2335248	12.87%	1.309%
54	11.380	1566	1580	1582	rBV	9618114	18138636	100.00%	10.170%
55	11.416	1582	1586	1588	rVV	3155816	2881616	15.89%	1.616%
56	11.433	1588	1589	1592	rVV	417081	361870	2.00%	0.203%
57	11.557	1607	1610	1613	rBV	1052876	1011375	5.58%	0.567%
58	11.580	1613	1614	1619	rVV3	295588	284349	1.57%	0.159%
59	11.622	1619	1621	1624	rVV	467610	392186	2.16%	0.220%
60	11.657	1624	1627	1632	rVV2	755205	718203	3.96%	0.403%
61	11.739	1636	1641	1646	rVB	576794	651400	3.59%	0.365%
62	11.833	1650	1657	1659	rBV	2027497	2049596	11.30%	1.149%
63	11.863	1659	1662	1665	rVB	2678886	2303914	12.70%	1.292%
64	11.910	1665	1670	1672	rBV	871285	852438	4.70%	0.478%
65	11.945	1672	1676	1678	rVV	2803387	3034169	16.73%	1.701%
66	11.963	1678	1679	1684	rVB	977408	770007	4.25%	0.432%
67	12.127	1703	1707	1709	rVV	1281155	1160758	6.40%	0.651%
68	12.151	1709	1711	1715	rVB2	377152	361018	1.99%	0.202%
69	12.274	1730	1732	1735	rVB	295069	233454	1.29%	0.131%
70	12.304	1735	1737	1739	rBV	323552	248971	1.37%	0.140%
71	12.327	1739	1741	1746	rVB2	289285	243158	1.34%	0.136%
72	12.380	1746	1750	1753	rBV	597841	717499	3.96%	0.402%
73	12.421	1753	1757	1759	rVV3	332722	402760	2.22%	0.226%
74	12.469	1762	1765	1770	rBV2	217697	345241	1.90%	0.194%
75	12.557	1774	1780	1783	rBV	6103033	7440528	41.02%	4.172%
76	12.586	1783	1785	1788	rBV2	260843	292614	1.61%	0.164%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-216

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.692	1797	1803	1808	rBV3	247393	341590	1.88%	0.192%
78	12.780	1812	1818	1823	rBV3	3869996	6417401	35.38%	3.598%
79	12.821	1823	1825	1830	rVB2	444303	446154	2.46%	0.250%
80	12.892	1833	1837	1839	rBV	426984	424682	2.34%	0.238%
81	12.921	1839	1842	1845	rVV	2254781	1945941	10.73%	1.091%
82	12.992	1848	1854	1857	rBV2	428576	738622	4.07%	0.414%
83	13.074	1865	1868	1870	rBV2	339618	339536	1.87%	0.190%
84	13.104	1870	1873	1876	rVB	1425839	1250248	6.89%	0.701%
85	13.168	1876	1884	1887	rBV	1332272	1402861	7.73%	0.787%
86	13.204	1887	1890	1893	rVV2	522103	598765	3.30%	0.336%
87	13.233	1893	1895	1898	rVV2	239959	218433	1.20%	0.122%
88	13.327	1909	1911	1918	rBV2	231324	254291	1.40%	0.143%
89	13.504	1935	1941	1943	rBV4	148851	240327	1.32%	0.135%
90	13.586	1952	1955	1958	rVV2	184416	243318	1.34%	0.136%
91	13.721	1974	1978	1981	rVV	406182	402474	2.22%	0.226%
92	13.751	1981	1983	1985	rVV	513723	442176	2.44%	0.248%
93	13.774	1985	1987	1993	rVV3	379822	538991	2.97%	0.302%
94	13.968	2014	2020	2024	rVV2	1715263	2489861	13.73%	1.396%
95	14.004	2024	2026	2031	rVB	1254524	1027281	5.66%	0.576%
96	14.363	2083	2087	2090	rVV	243476	278857	1.54%	0.156%
97	14.457	2099	2103	2106	rVV2	186646	224976	1.24%	0.126%
98	15.021	2194	2199	2202	rBV	289668	434787	2.40%	0.244%
99	15.386	2257	2261	2268	rBV	167661	218429	1.20%	0.122%
100	15.457	2268	2273	2276	rBV	459356	570566	3.15%	0.320%

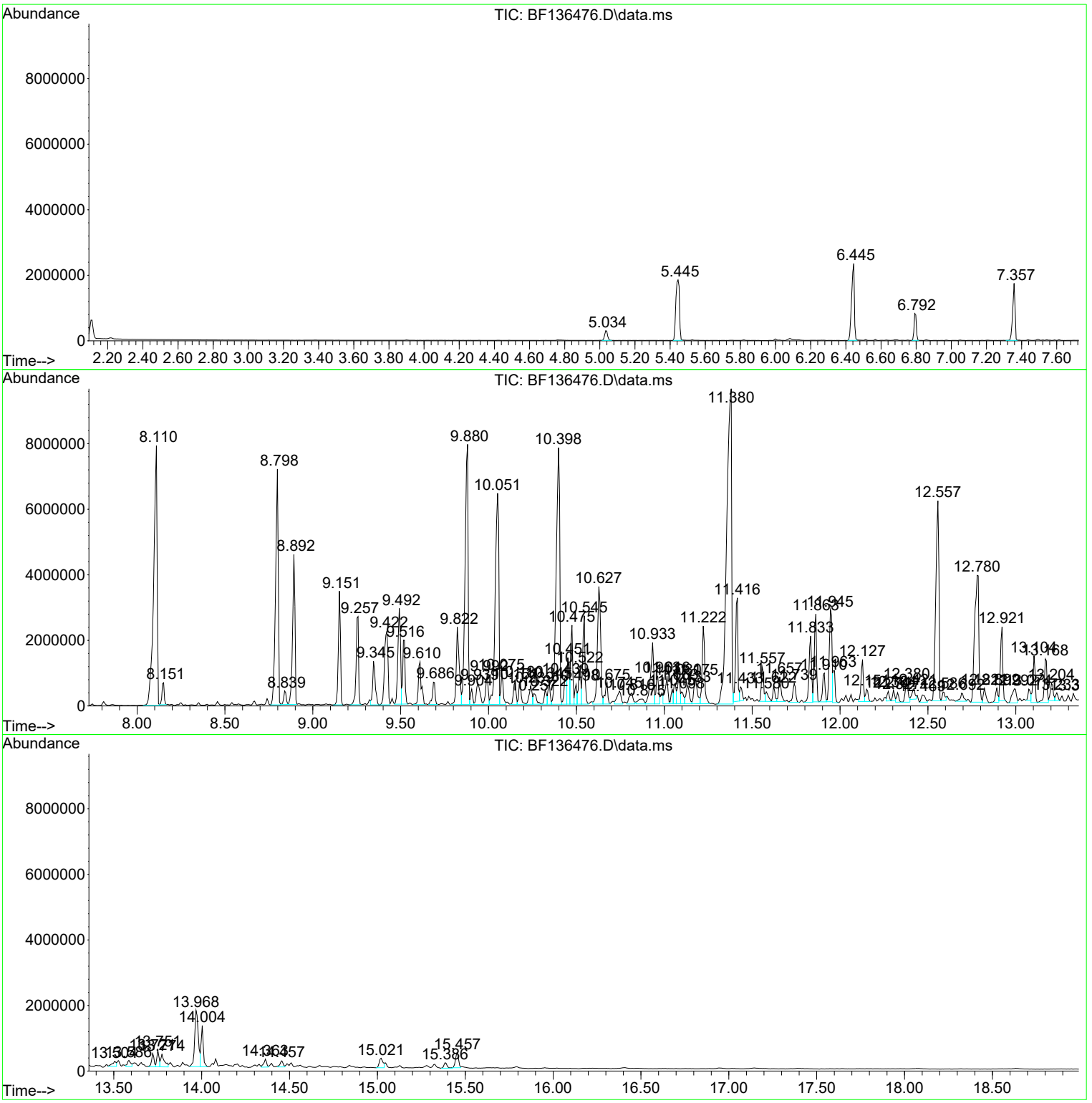
Sum of corrected areas: 178360681

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

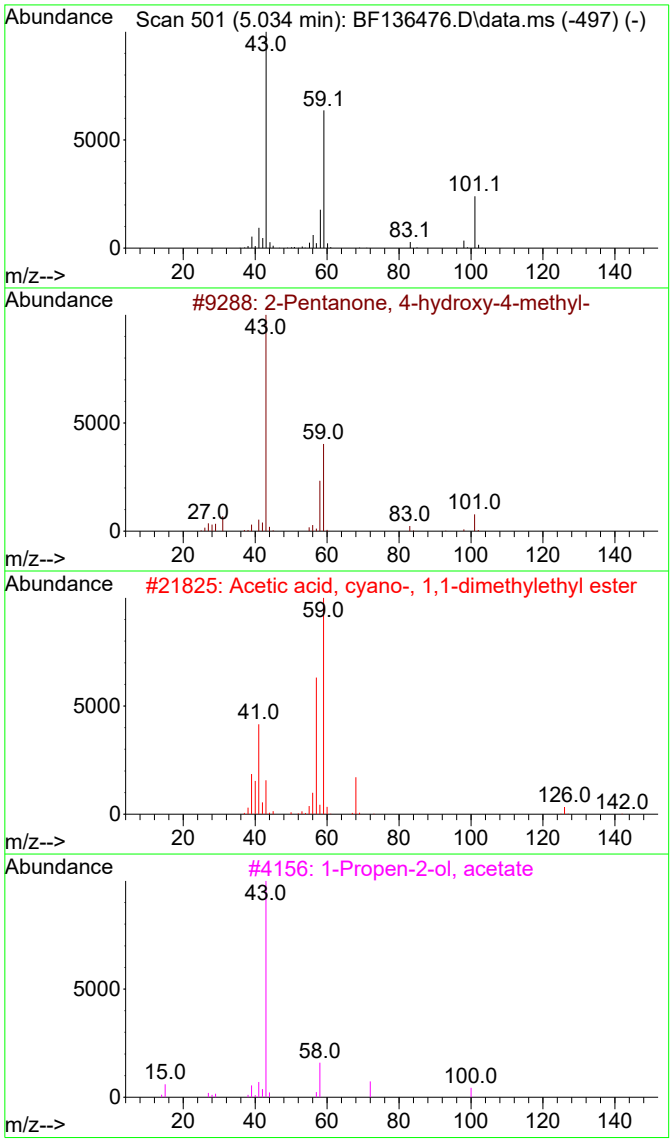
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

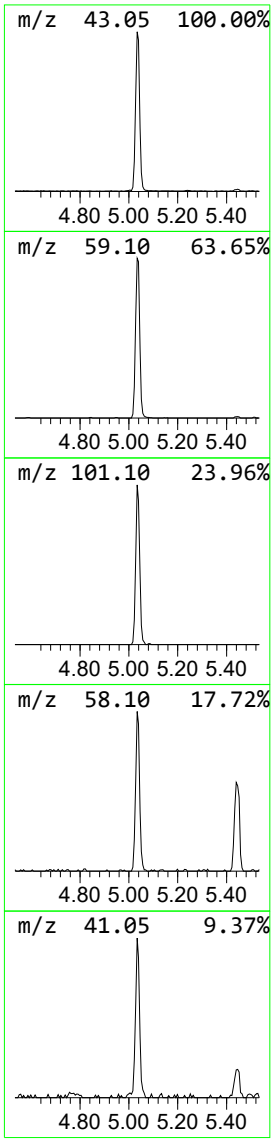
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	9.63 ng	348089	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

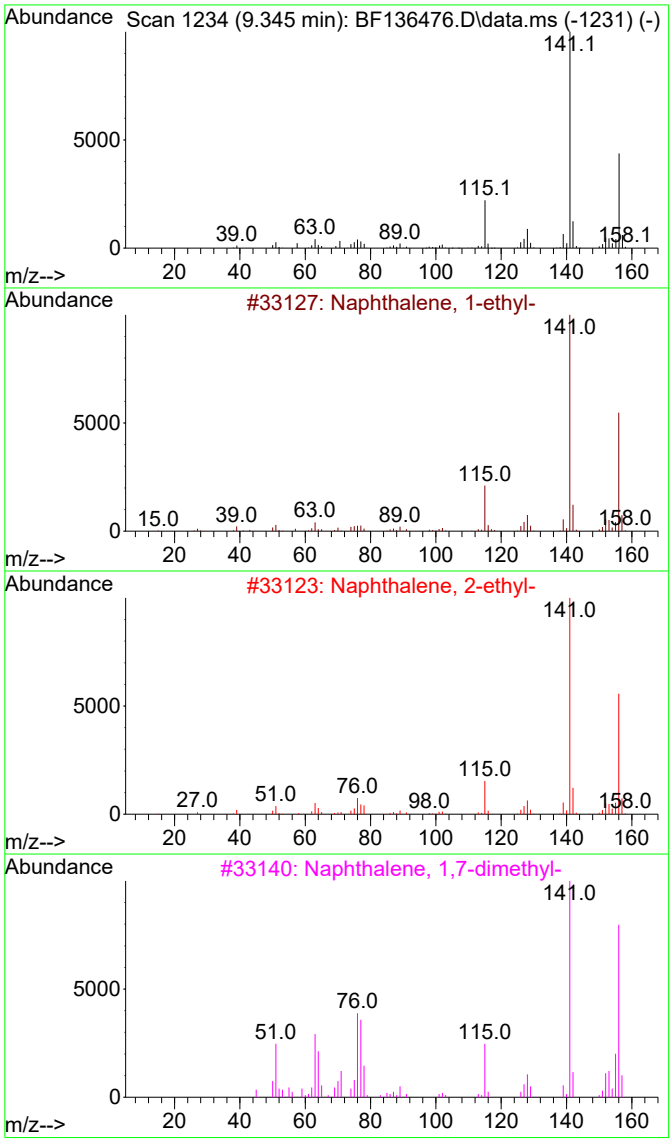
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

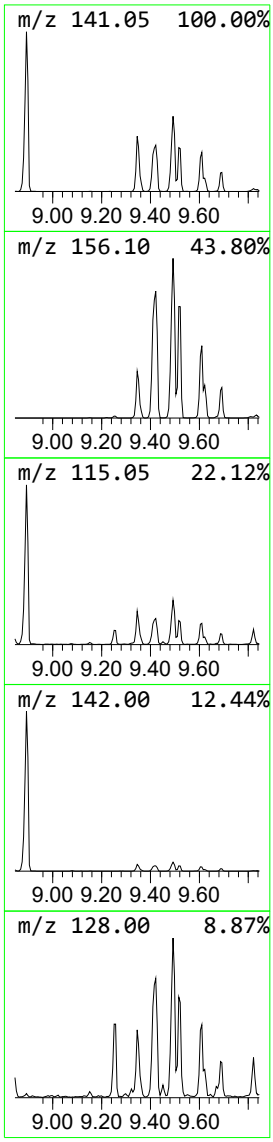
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	9.91 ng	1370980	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

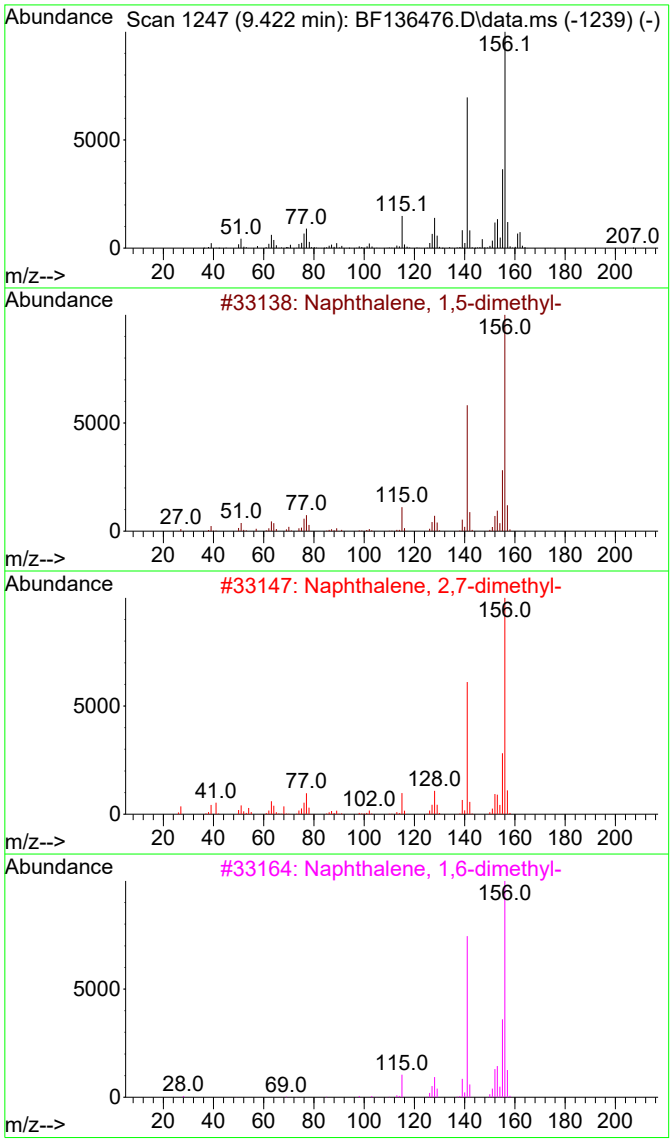
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

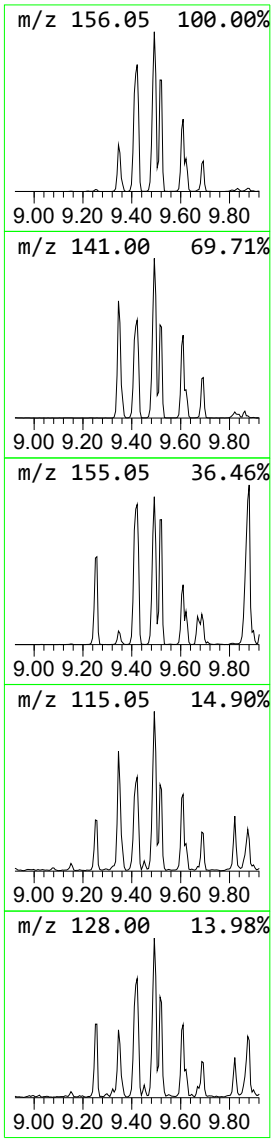
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	22.40 ng	3099000	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	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\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

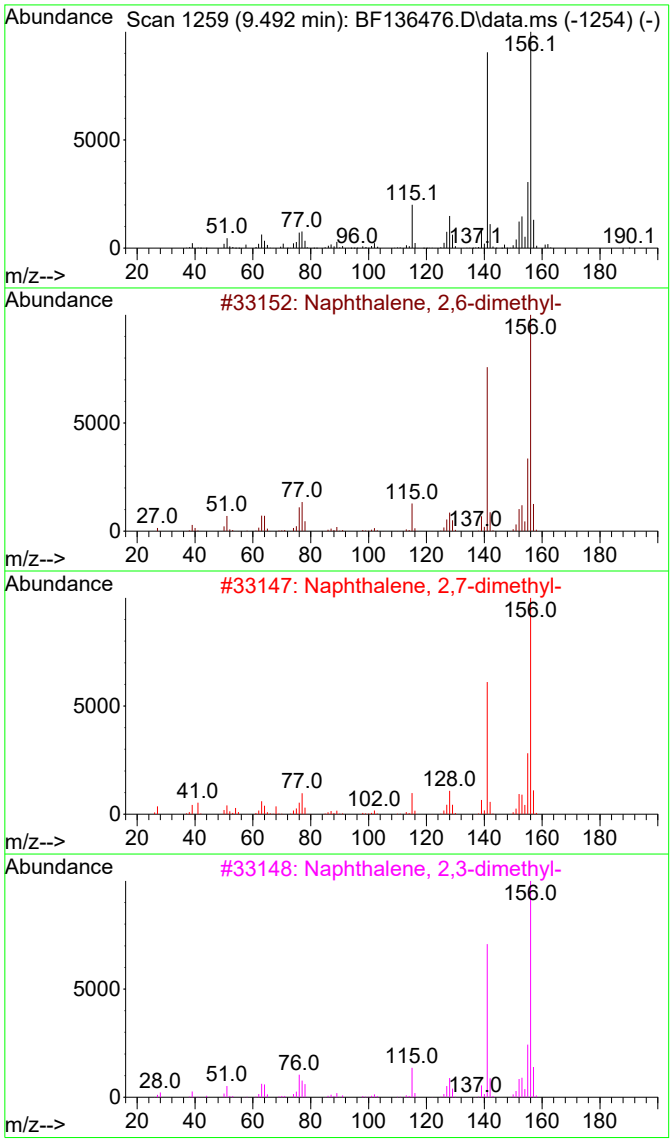
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

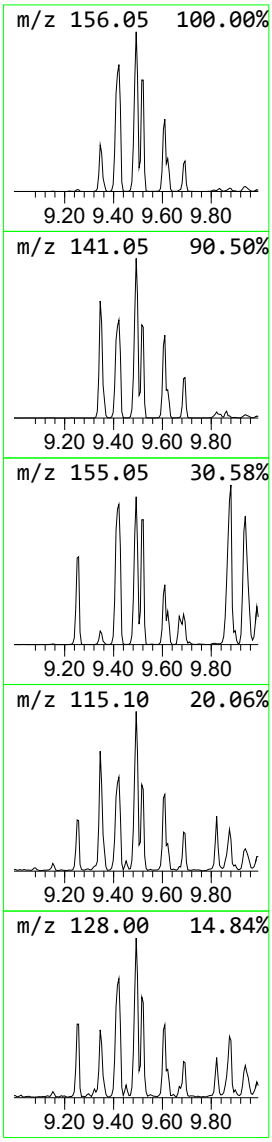
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	21.96 ng	3038340	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

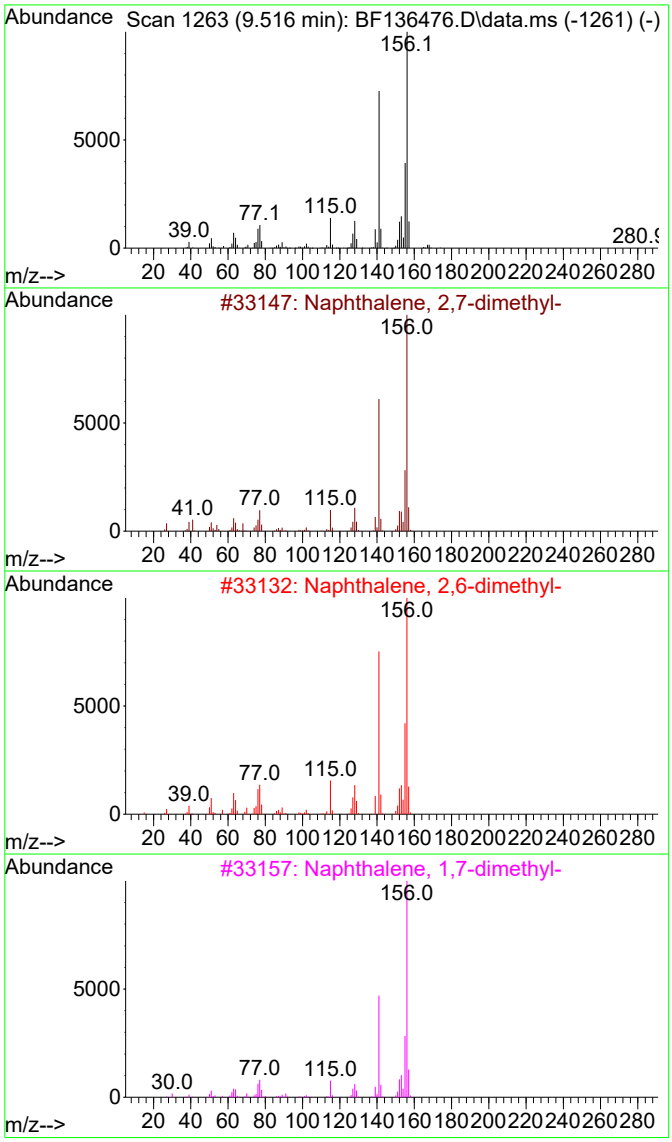
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

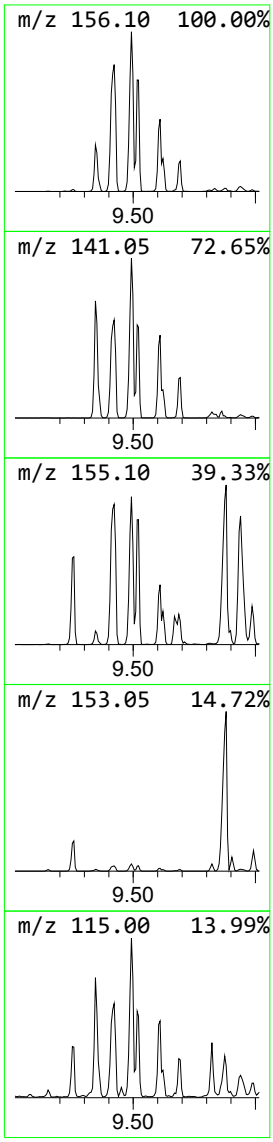
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	12.75 ng	1764720	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

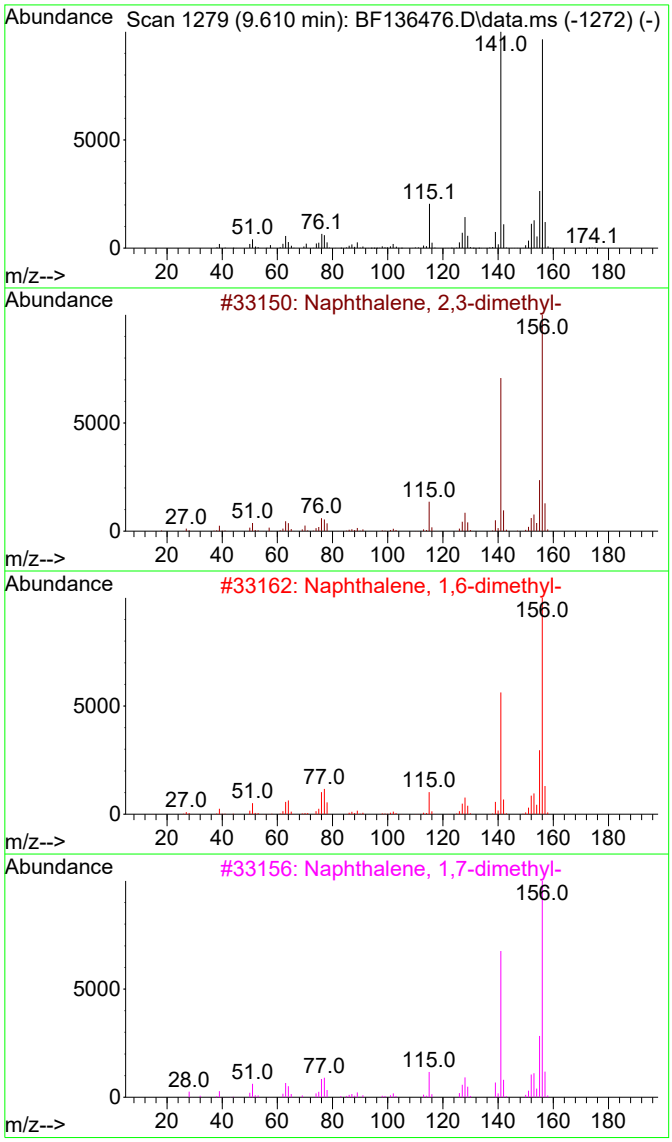
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

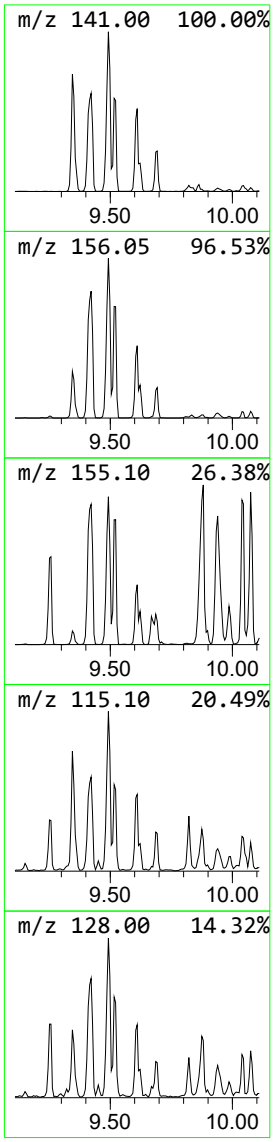
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	11.17 ng	1545440	Acenaphthene-d10	9.833

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, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

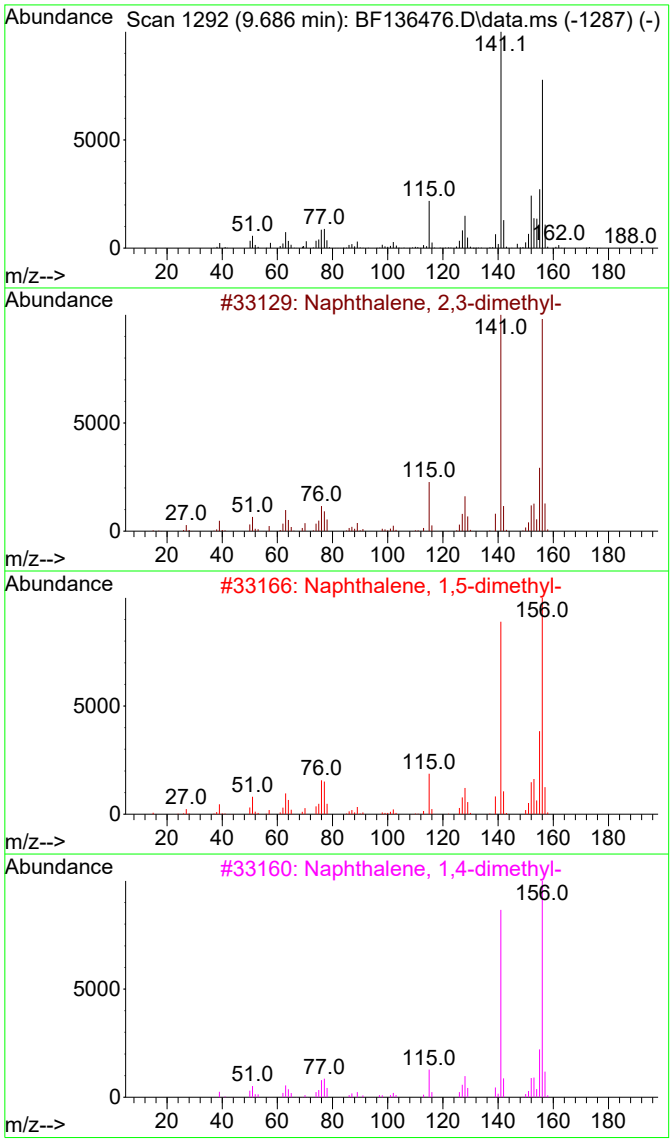
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

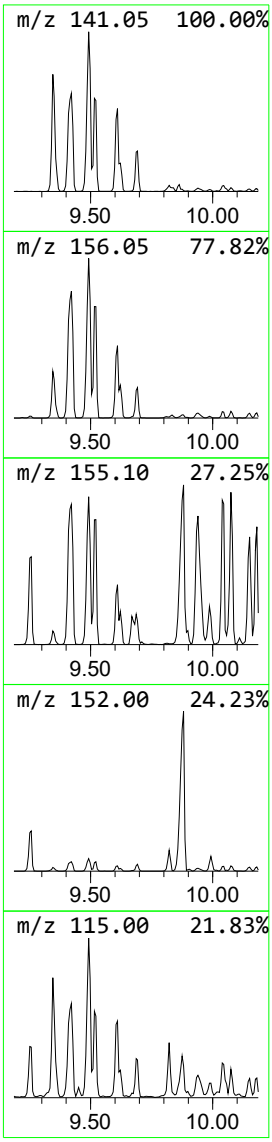
****

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	5.21 ng	720150	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

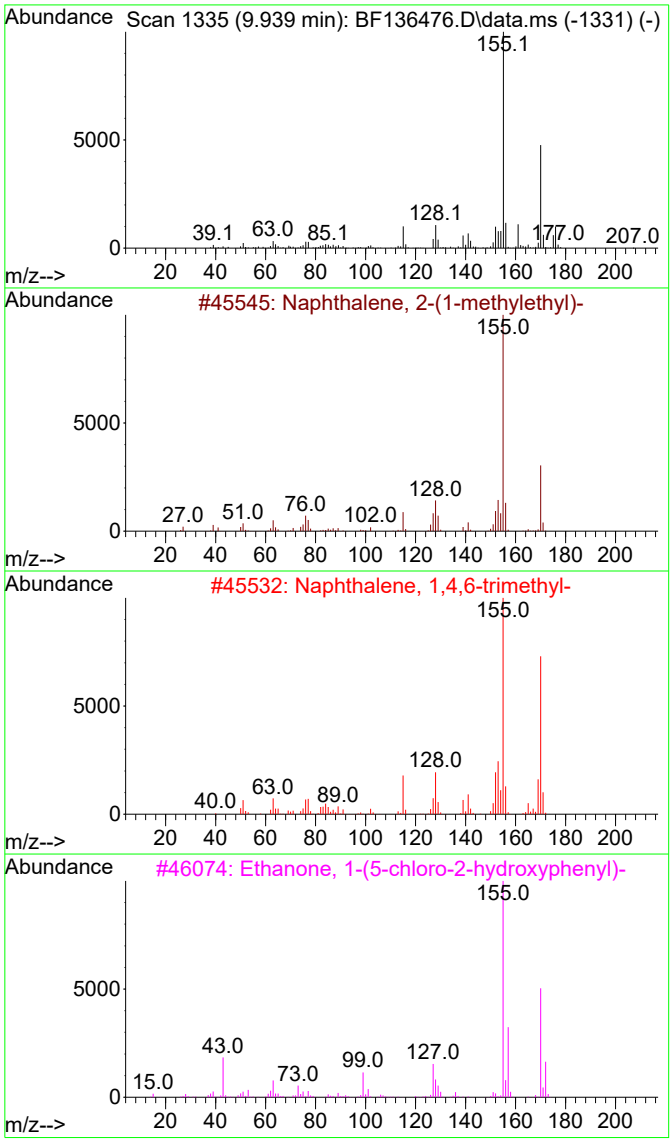
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

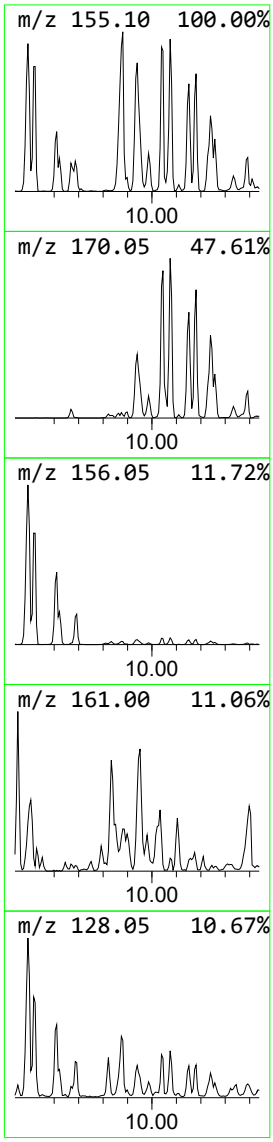
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	6.89 ng	953452	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

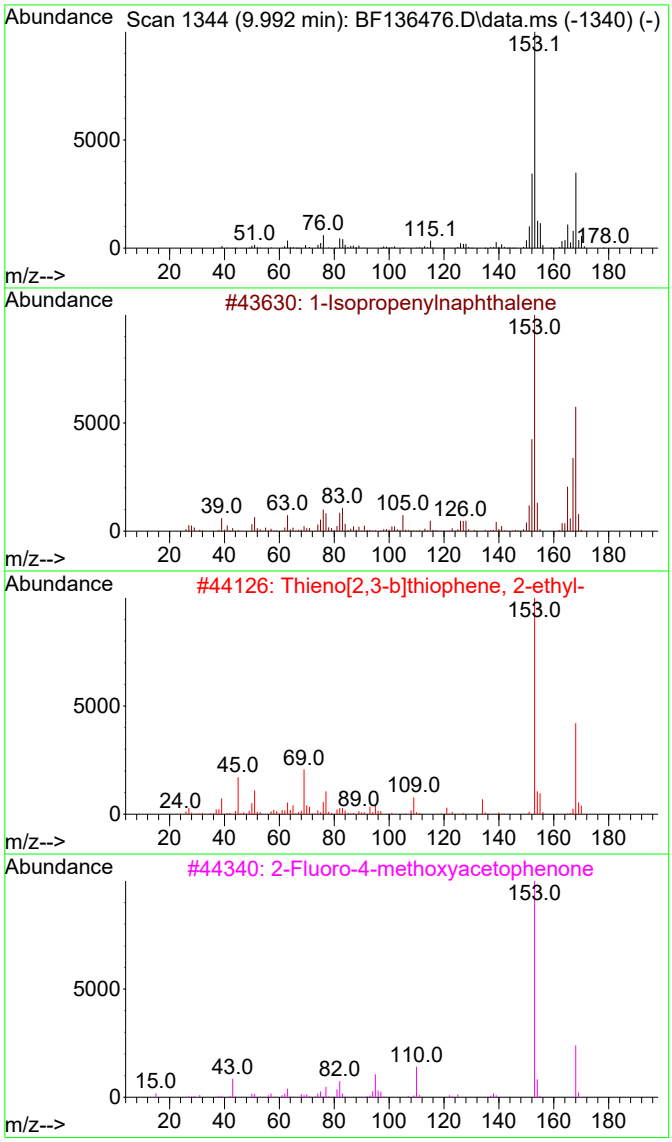
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

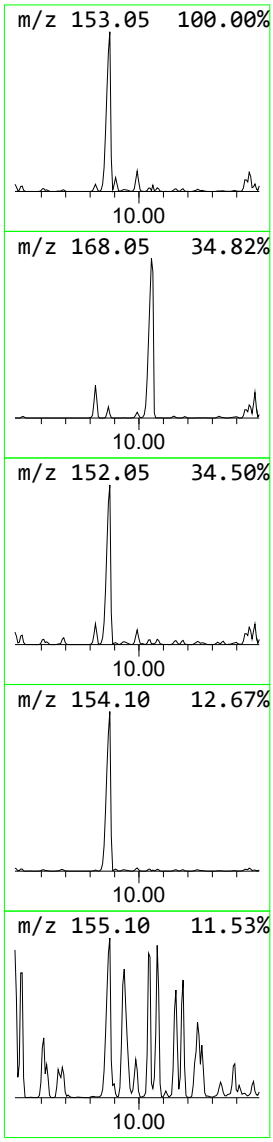
****

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	6.43 ng	889929	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
3	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	52
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

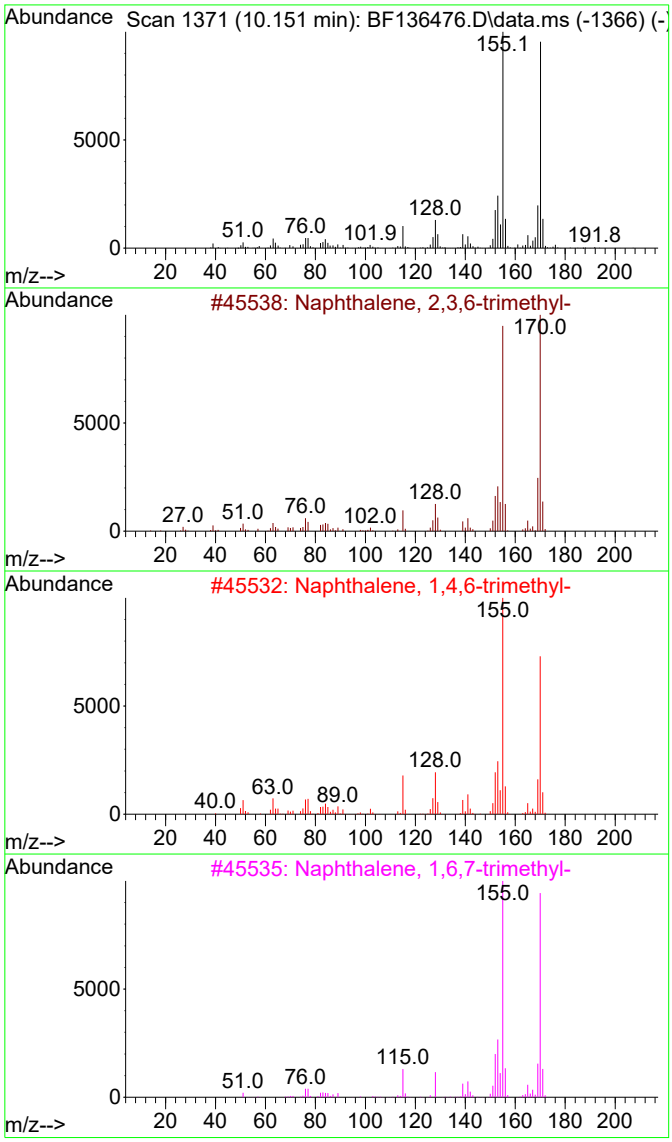
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

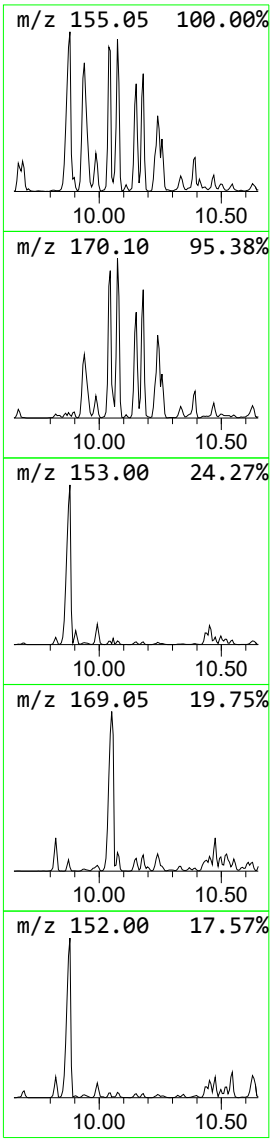
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	5.07 ng	701560	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

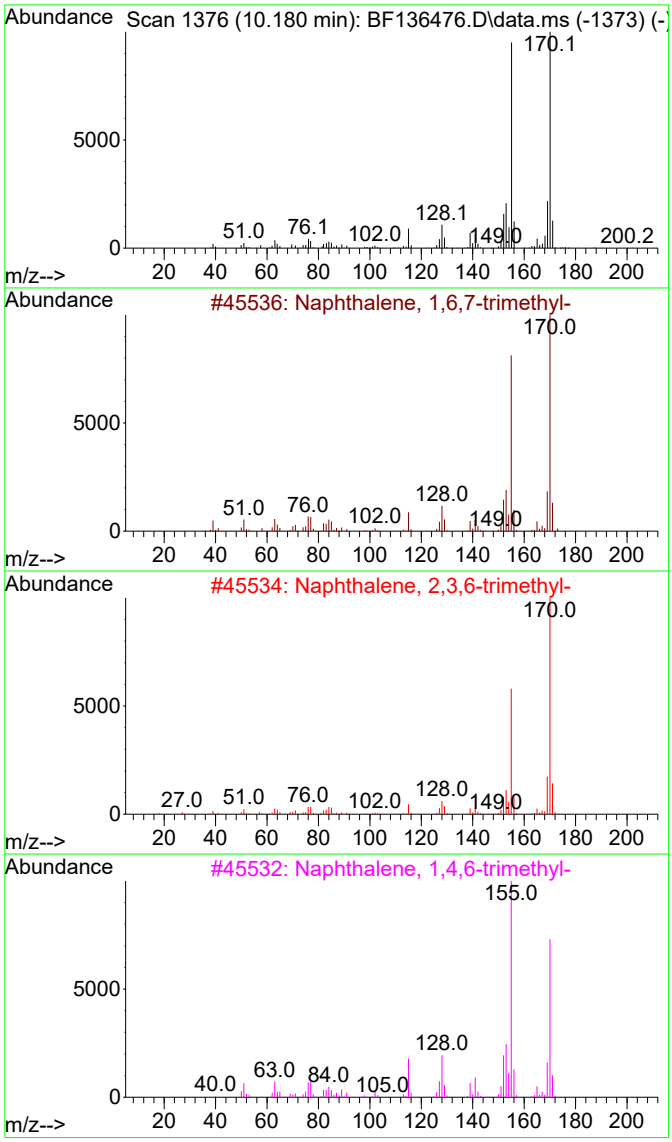
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

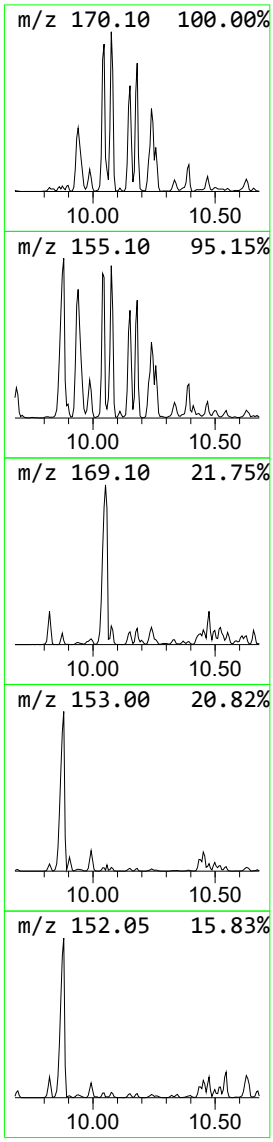
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	4.94 ng	682802	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

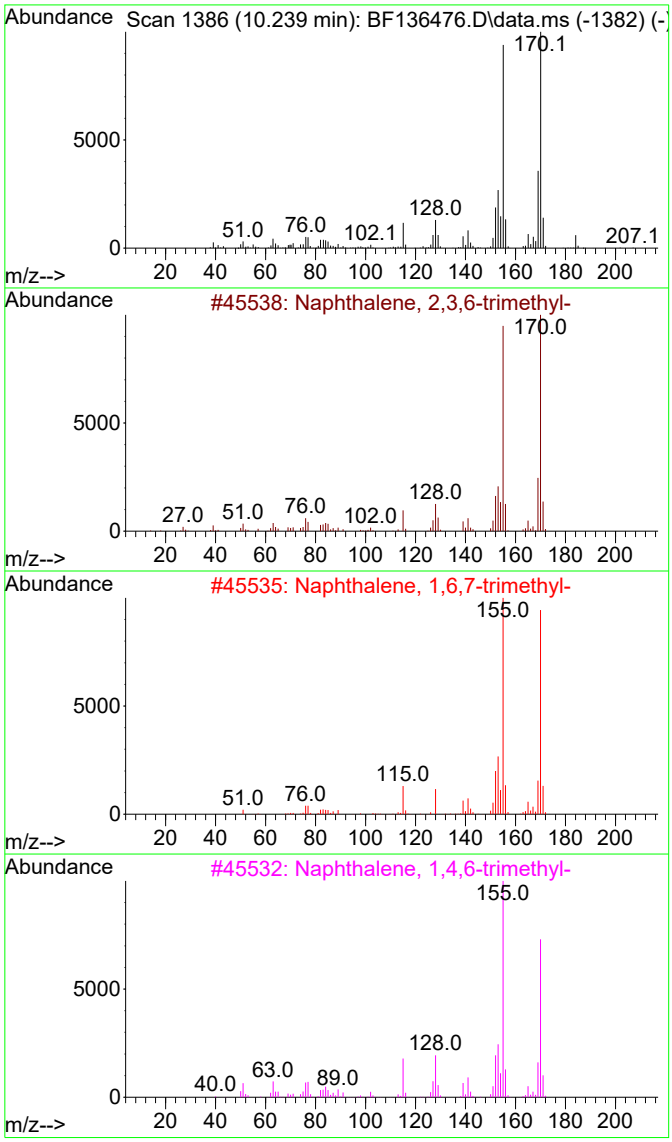
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

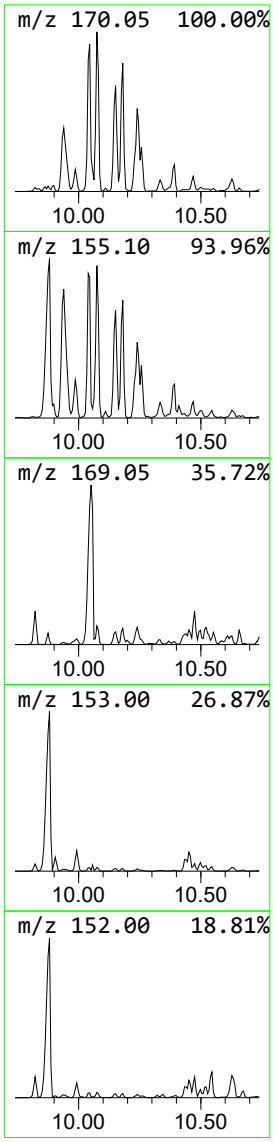
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	4.68 ng	647945	Acenaphthene-d10	9.833

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	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

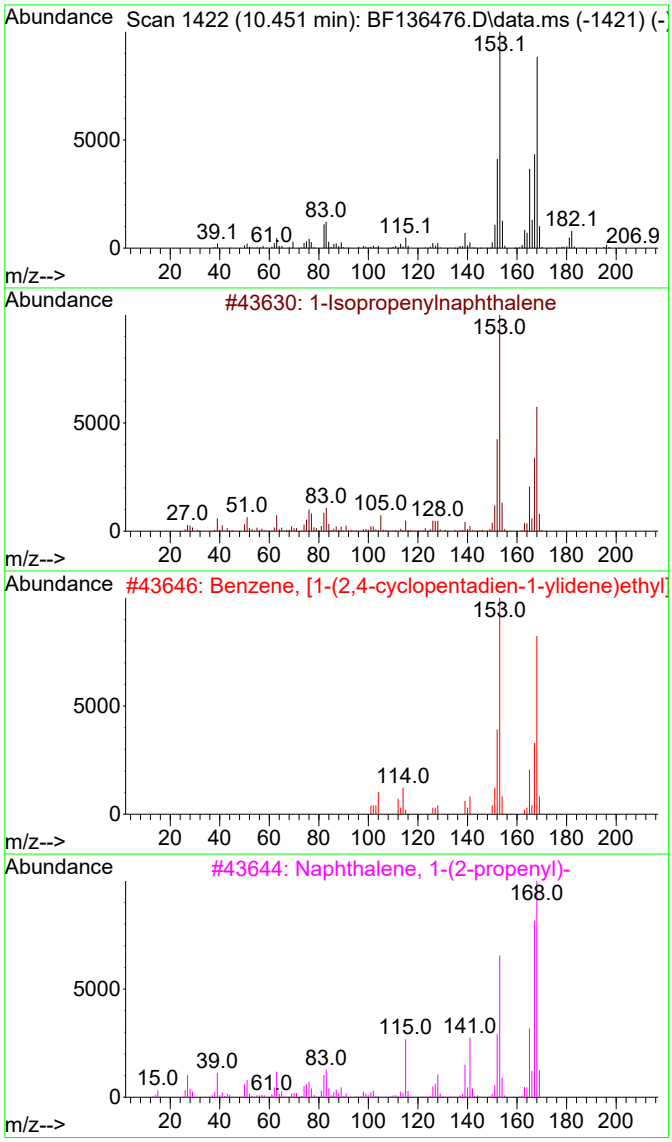
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

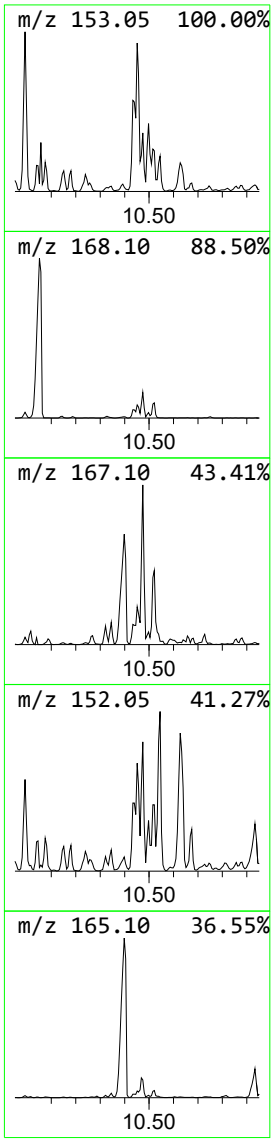
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, [1-(2,4-cyclopenta... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	8.29 ng	1147330	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

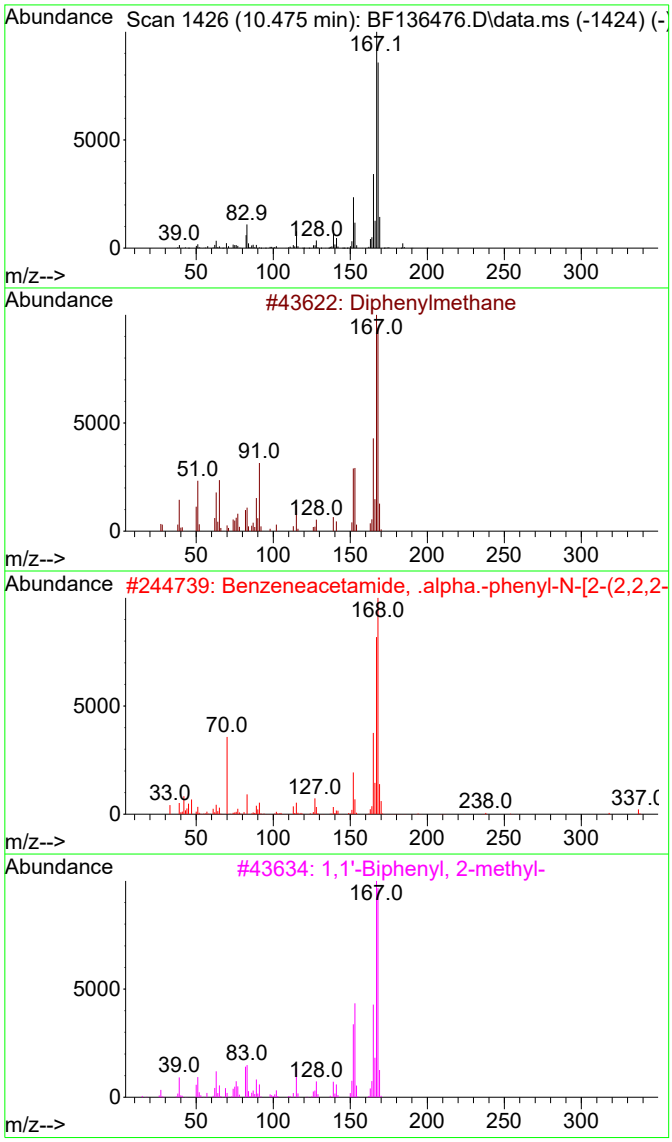
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

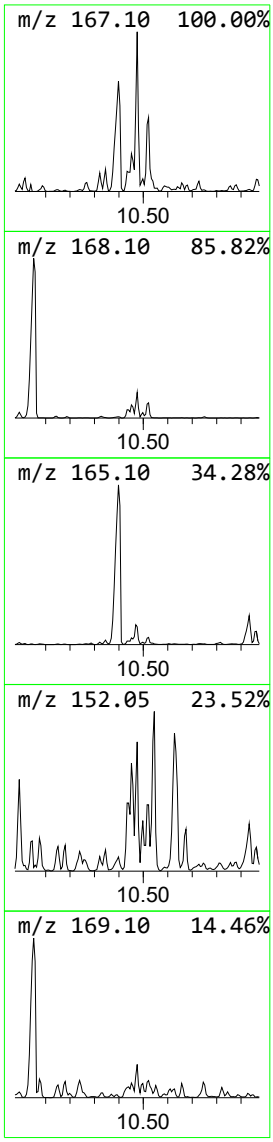
****

Peak Number 14 Diphenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	13.48 ng	1865250	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	91
2	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	80
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	72
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

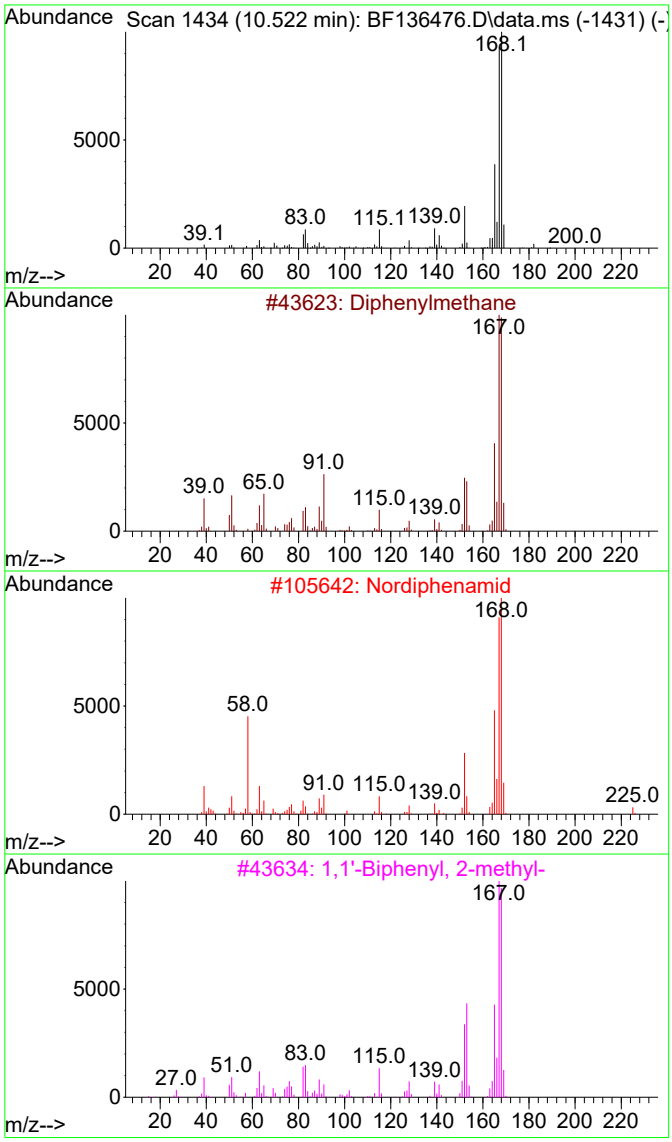
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

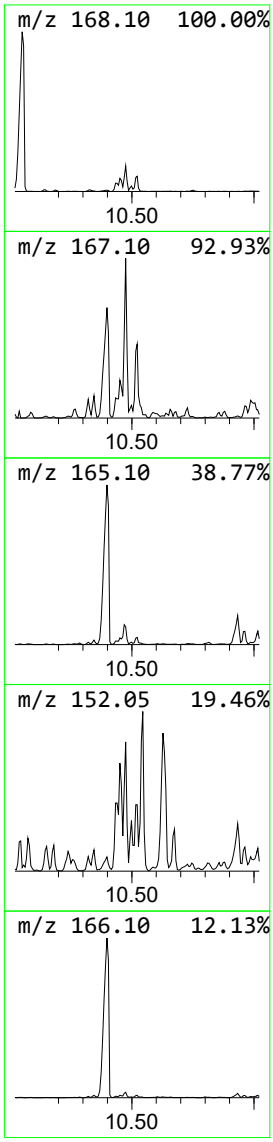
****

Peak Number 15 Nordiphenamid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	8.06 ng	1114620	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Nordiphenamid	225	C15H15NO	000954-21-2	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

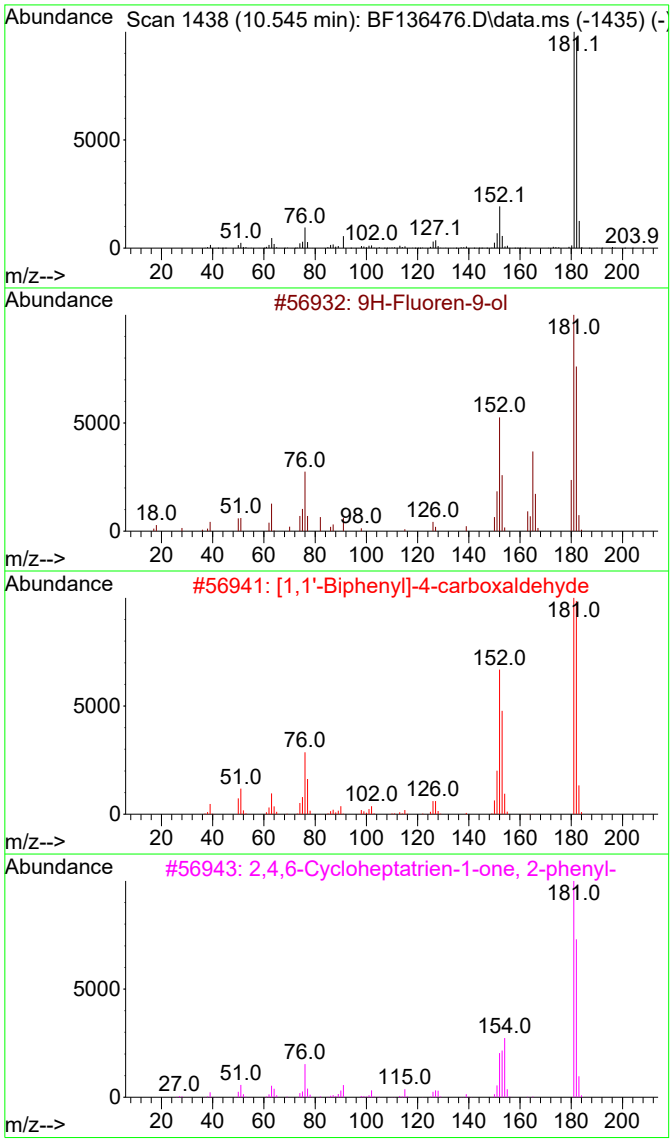
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

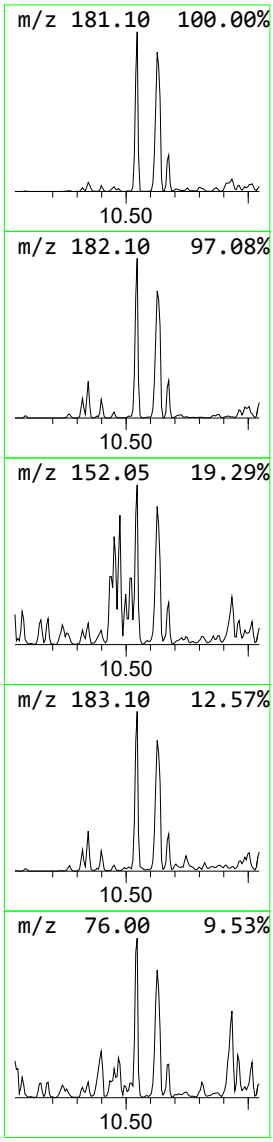
****

Peak Number 16 9H-Fluoren-9-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	17.06 ng	2360810	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Xanthene	182	C13H10O	000092-83-1	60
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

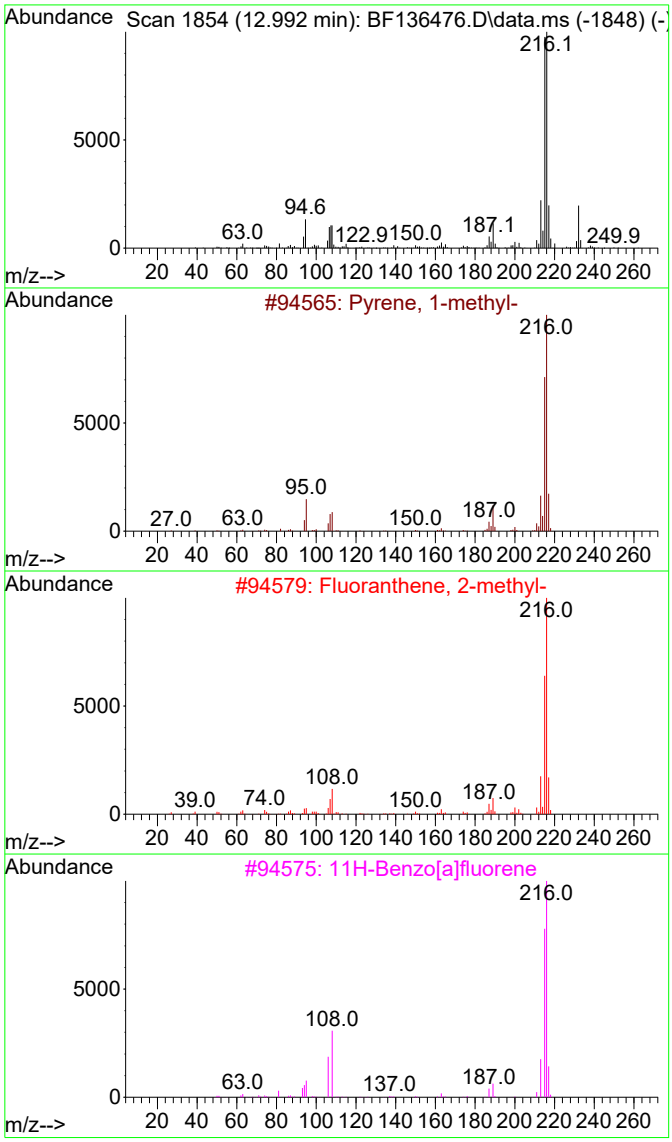
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

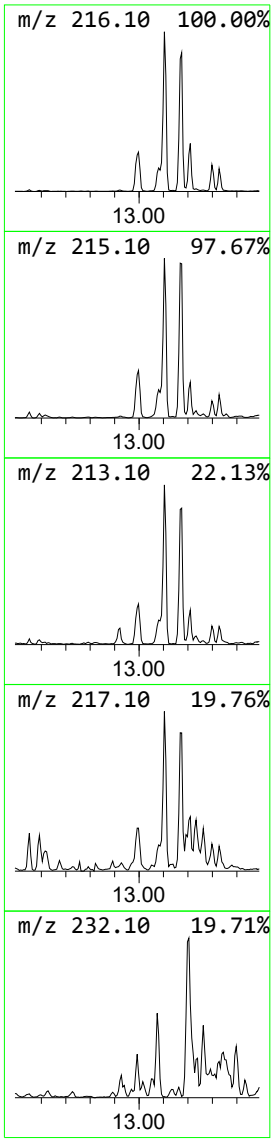
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	5.93 ng	738622	Chrysene-d12	13.980

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	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

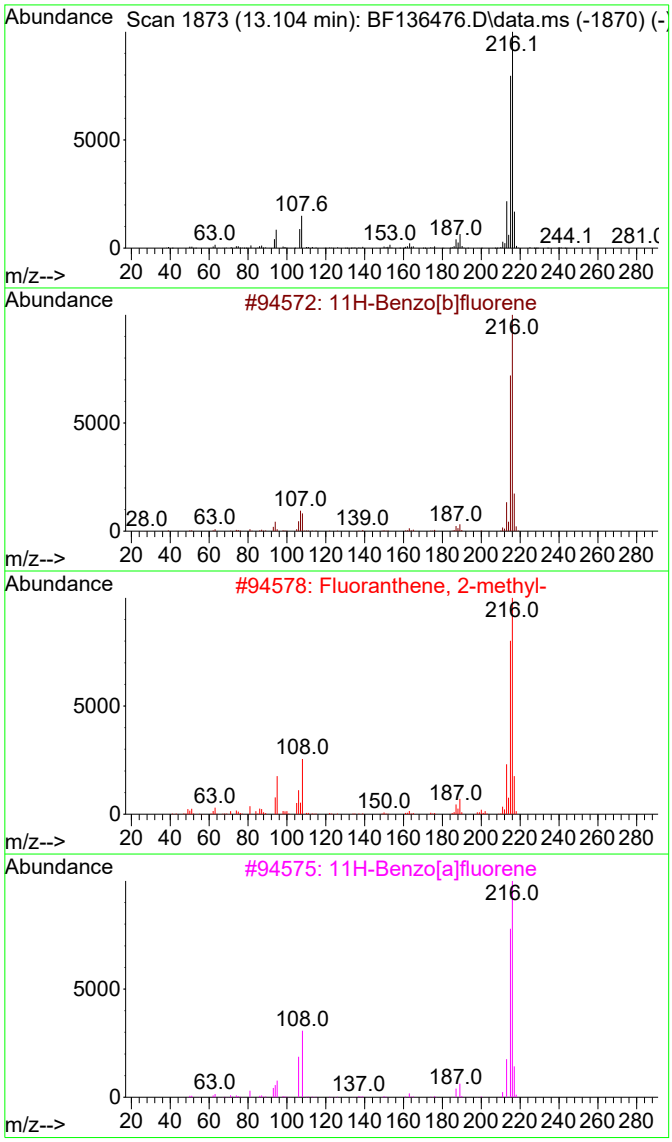
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

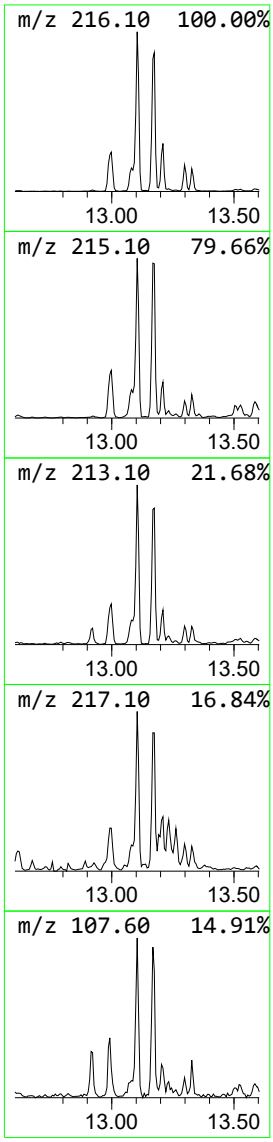
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	10.04 ng	1250250	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

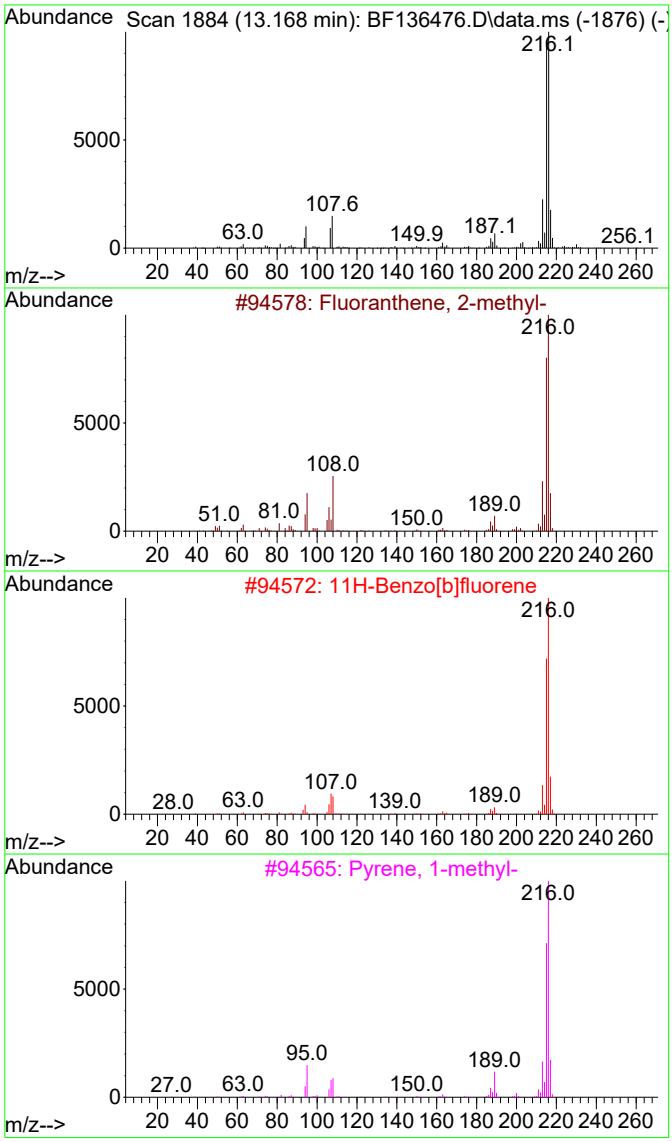
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

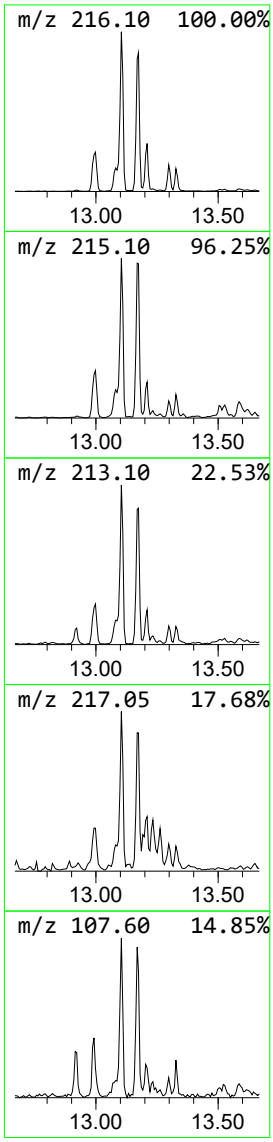
****

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	11.27 ng	1402860	Chrysene-d12	13.980

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	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

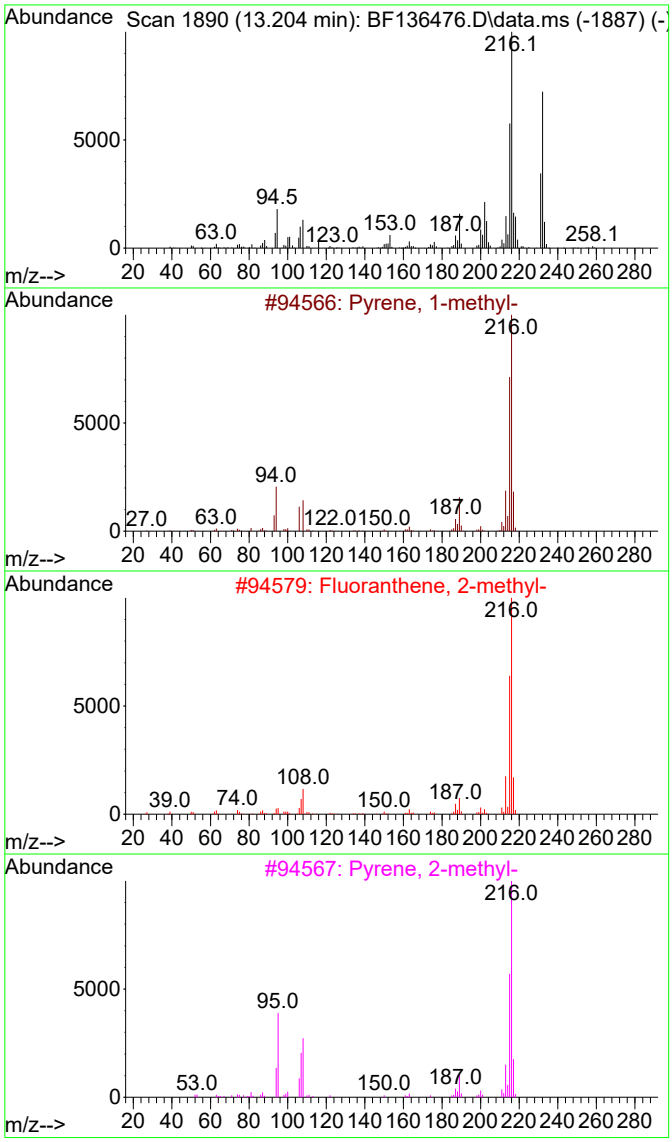
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

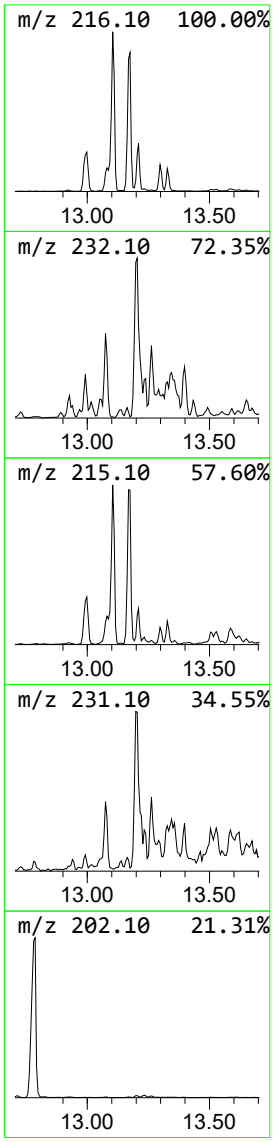
****

Peak Number 20 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	4.81 ng	598765	Chrysene-d12	13.980

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	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136476.D
Acq On : 08 Dec 2023 19:43
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.034	9.6	ng	348089	1	6.798	722617	20.0
Naphthalene, 1-...	9.345	9.9	ng	1370980	3	9.833	2767110	20.0
Naphthalene, 1,...	9.422	22.4	ng	3099000	3	9.833	2767110	20.0
Naphthalene, 2,...	9.492	22.0	ng	3038340	3	9.833	2767110	20.0
Naphthalene, 2,...	9.516	12.8	ng	1764720	3	9.833	2767110	20.0
Naphthalene, 2,...	9.610	11.2	ng	1545440	3	9.833	2767110	20.0
Naphthalene, 1,...	9.686	5.2	ng	720150	3	9.833	2767110	20.0
Naphthalene, 2-...	9.939	6.9	ng	953452	3	9.833	2767110	20.0
1-Isopropenylna...	9.992	6.4	ng	889929	3	9.833	2767110	20.0
Naphthalene, 2,...	10.151	5.1	ng	701560	3	9.833	2767110	20.0
Naphthalene, 1,...	10.181	4.9	ng	682802	3	9.833	2767110	20.0
Naphthalene, 1,...	10.239	4.7	ng	647945	3	9.833	2767110	20.0
Benzene, [1-(2,...	10.451	8.3	ng	1147330	3	9.833	2767110	20.0
Diphenylmethane	10.475	13.5	ng	1865250	3	9.833	2767110	20.0
Nordiphenamid	10.522	8.1	ng	1114620	3	9.833	2767110	20.0
9H-Fluoren-9-ol	10.545	17.1	ng	2360810	3	9.833	2767110	20.0
Pyrene, 1-methyl-	12.992	5.9	ng	738622	5	13.980	2489860	20.0
11H-Benzo[b]flu...	13.104	10.0	ng	1250250	5	13.980	2489860	20.0
Fluoranthene, 2...	13.169	11.3	ng	1402860	5	13.980	2489860	20.0
Pyrene, 2-methyl-	13.204	4.8	ng	598765	5	13.980	2489860	20.0