LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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: BF136459.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	rVB	272126	305618	2.38%	0.234%
2	5.451	566	572	575	rBV	1712646	2313280	17.98%	1.773%
3	6.445	736	741	744	rBV	2123677	2146532	16.68%	1.646%
4	6.798	797	801	804	rBV	824840	633357	4.92%	0.486%
5	7.357	891	896	899	rBV	1358487	1350420	10.50%	1.035%
6	8.110	1010	1024	1027	rBV	7260814	9006526	70.00%	6.904%
7	8.151	1027	1031	1034	rVB	629193	468792	3.64%	0.359%
8	8.798	1135	1141	1144	rBV	6023629	5982619	46.50%	4.586%
9	8.845	1144	1149	1152	rVV	334651	293263	2.28%	0.225%
10	8.892	1152	1157	1160	rVB	3526461	3250995	25.27%	2.492%
11	9.151	1197	1201	1205	rBV	2398556	2139815	16.63%	1.640%
12	9.257	1211	1219	1222	rBV	2304912	1860726	14.46%	1.426%
13	9.351	1232	1235	1240	rVB	1009479	961085	7.47%	0.737%
14	9.422	1240	1247	1250	rBV	1602425	2161917	16.80%	1.657%
15	9.492	1255	1259	1262	rVV	2049481	2171587	16.88%	1.665%
16	9.522	1262	1264	1268	rVB	1536841	1132916	8.81%	0.869%
17	9.610	1275	1279	1284	rVB	984487	1012218	7.87%	0.776%
18	9.692	1290	1293	1296	rVB	531669	413578	3.21%	0.317%
19	9.822	1311	1315	1320	rBV2	1552610	1801736	14.00%	1.381%
20	9.875	1320	1324	1327	rVV	6252489	6573050	51.09%	5.039%
21	9.904	1327	1329	1332	rVB	287247	219582	1.71%	0.168%
22	9.939	1332	1335	1340	rBV2	429965	567449	4.41%	0.435%
23	9.992	1340	1344	1346	rBV2	563465	526694	4.09%	0.404%
24	10.051	1349	1354	1356	rVV	5399217	5525125	42.94%	4.236%
25	10.075	1356	1358	1362	rVB	530152	461241	3.58%	0.354%
26	10.151	1367	1371	1374	rBV2	472176	455508	3.54%	0.349%
27	10.181	1374	1376	1382	rVB	493123	384318	2.99%	0.295%
28	10.245	1382	1387	1388	rBV	319880	363593	2.83%	0.279%
29	10.263	1388	1390	1393	rVV3	204195	219783	1.71%	0.168%
30	10.322	1397	1400	1401	rBV	242973	206368	1.60%	0.158%
31	10.339	1401	1403	1406	rVV	365077	368065	2.86%	0.282%
32	10.398	1406	1413	1416	rVV	6468711	6831196	53.09%	5.237%
33	10.433	1416	1419	1420	rVV	496655	415186	3.23%	0.318%
34	10.451	1420	1422	1424	rVV	883645	842753	6.55%	0.646%
35	10.475	1424	1426	1428	rVV	1425201	1136258	8.83%	0.871%
36	10.498	1428	1430	1431	rVV	389772	295272	2.29%	0.226%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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	700145	663794	5.16%	0.509%
38	10.545	1435	1438	1442	rVB	1532818	1448997	11.26%	1.111%
39	10.628	1446	1452	1456	rVV	2469298	2867168	22.28%	2.198%
40	10.675	1456	1460	1463	rVB2	389382	405525	3.15%	0.311%
41	10.751	1468	1473	1476	rVV5	234187	344046	2.67%	0.264%
42	10.816	1479	1484	1487	rVV3	206903	277454	2.16%	0.213%
43	10.875	1487	1494	1497	rVV5	87707	193936	1.51%	0.149%
44	10.933	1497	1504	1507	rVV2	1178650	1441916	11.21%	1.105%
45	10.963	1507	1509	1512	rVV2	539641	521953	4.06%	0.400%
46	11.016	1515	1518	1521	rVV2	511488	500222	3.89%	0.383%
47	11.045	1521	1523	1524	rVV	268573	205927	1.60%	0.158%
48	11.063	1524	1526	1528	rVV	422361	424110	3.30%	0.325%
49	11.086	1528	1530	1532	rVV2	483391	468747	3.64%	0.359%
50	11.133	1535	1538	1542	rVV3	358160	435439	3.38%	0.334%
51	11.175	1542	1545	1550	rVV	494676	659061	5.12%	0.505%
52	11.222	1550	1553	1560	rVB	1595863	1483226	11.53%	1.137%
53	11.375	1566	1579	1581	rBV	8573999	12866272	100.00%	9.863%
54	11.410	1581	1585	1587	rVV	2419933	1873291	14.56%	1.436%
55	11.433	1587	1589	1592	rVB2	249203	254739	1.98%	0.195%
56	11.563	1607	1611	1613	rBV	725675	679782	5.28%	0.521%
57	11.627	1619	1622	1624	rBV	258989	236579	1.84%	0.181%
58	11.657	1624	1627	1633	rVB2	511795	472186	3.67%	0.362%
59	11.739	1636	1641	1646	rVB	387035	449650	3.49%	0.345%
60	11.833	1650	1657	1659	rBV	1511621	1442032	11.21%	1.105%
61	11.863	1659	1662	1665	rVB	2071915	1711189	13.30%	1.312%
62	11.910	1665	1670	1673	rBV	681356	628599	4.89%	0.482%
63	11.945	1673	1676	1678	rVV	2189279	2197102	17.08%	1.684%
64	11.969	1678	1680	1684	rVB	709885	571232	4.44%	0.438%
65	12.127	1704	1707	1709	rVV	999567	840144	6.53%	0.644%
66	12.157	1709	1712	1715	rVB2	269629	276250	2.15%	0.212%
67	12.275	1730	1732	1735	rVB	221958	185369	1.44%	0.142%
68	12.304	1735	1737	1740	rBV	225027	217653	1.69%	0.167%
69	12.333	1740	1742	1746	rVB	206353	176542	1.37%	0.135%
70	12.380	1746	1750	1753	rBV	485893	567113	4.41%	0.435%
71	12.422	1753	1757	1759	rVV2	292483	314387	2.44%	0.241%
72	12.474	1763	1766	1770	rBV3	157078	244430	1.90%	0.187%
73	12.557	1774	1780	1783	rBV	5823187	6436354	50.03%	4.934%
74	12.592	1783	1786	1788	rBV2	239166	236885	1.84%	0.182%
75	12.698	1799	1804	1808	rBV2	207284	221956	1.73%	0.170%
76	12.786	1812	1819	1823	rBV4	3708259	5729695	44.53%	4.392%

LSC Area Percent Report

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Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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	12.822	1823	1825	1831	rVB2	355909	397023	3.09%	0.304%
78	12.892	1831	1837	1839	rBV	365167	399028	3.10%	0.306%
79	12.922	1839	1842	1845	rVV	2076082	1766078	13.73%	1.354%
80	12.998	1849	1855	1858	rBV2	387521	671317	5.22%	0.515%
81	13.080	1866	1869	1871	rBV	298436	370488	2.88%	0.284%
82	13.110	1871	1874	1877	rVB	1229144	1128246	8.77%	0.865%
83	13.174	1881	1885	1887	rBV	1314622	1133793	8.81%	0.869%
84	13.210	1887	1891	1893	rVV2	491838	530610	4.12%	0.407%
85	13.233	1893	1895	1898	rVB2	194471	186846	1.45%	0.143%
86	13.333	1909	1912	1915	rBV2	211183	250658	1.95%	0.192%
87	13.510	1935	1942	1943	rBV4	149385	210235	1.63%	0.161%
88	13.586	1952	1955	1958	rVV2	194976	238512	1.85%	0.183%
89	13.727	1974	1979	1981	rVV	388954	402130	3.13%	0.308%
90	13.757	1981	1984	1986	rVV	429691	483858	3.76%	0.371%
91	13.774	1986	1987	1994	rVV3	328837	487547	3.79%	0.374%
92	13.892	2005	2007	2014	rVB	152443	194752	1.51%	0.149%
93	13.974	2014	2021	2024	rBV2	1696708	2475141	19.24%	1.897%
94	14.004	2024	2026	2032	rVB	1173531	1106077	8.60%	0.848%
95	14.086	2033	2040	2043	rBV3	231267	335493	2.61%	0.257%
96	14.363	2083	2087	2090	rVV	242842	307772	2.39%	0.236%
97	14.457	2100	2103	2106	rVV2	174077	217255	1.69%	0.167%
98	15.021	2195	2199	2202	rBV	281578	412501	3.21%	0.316%
99	15.392	2258	2262	2268	rBV	169747	207076	1.61%	0.159%
100	15.457	2268	2273	2277	rBV	458622	562560	4.37%	0.431%

Sum of corrected areas: 130444369

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
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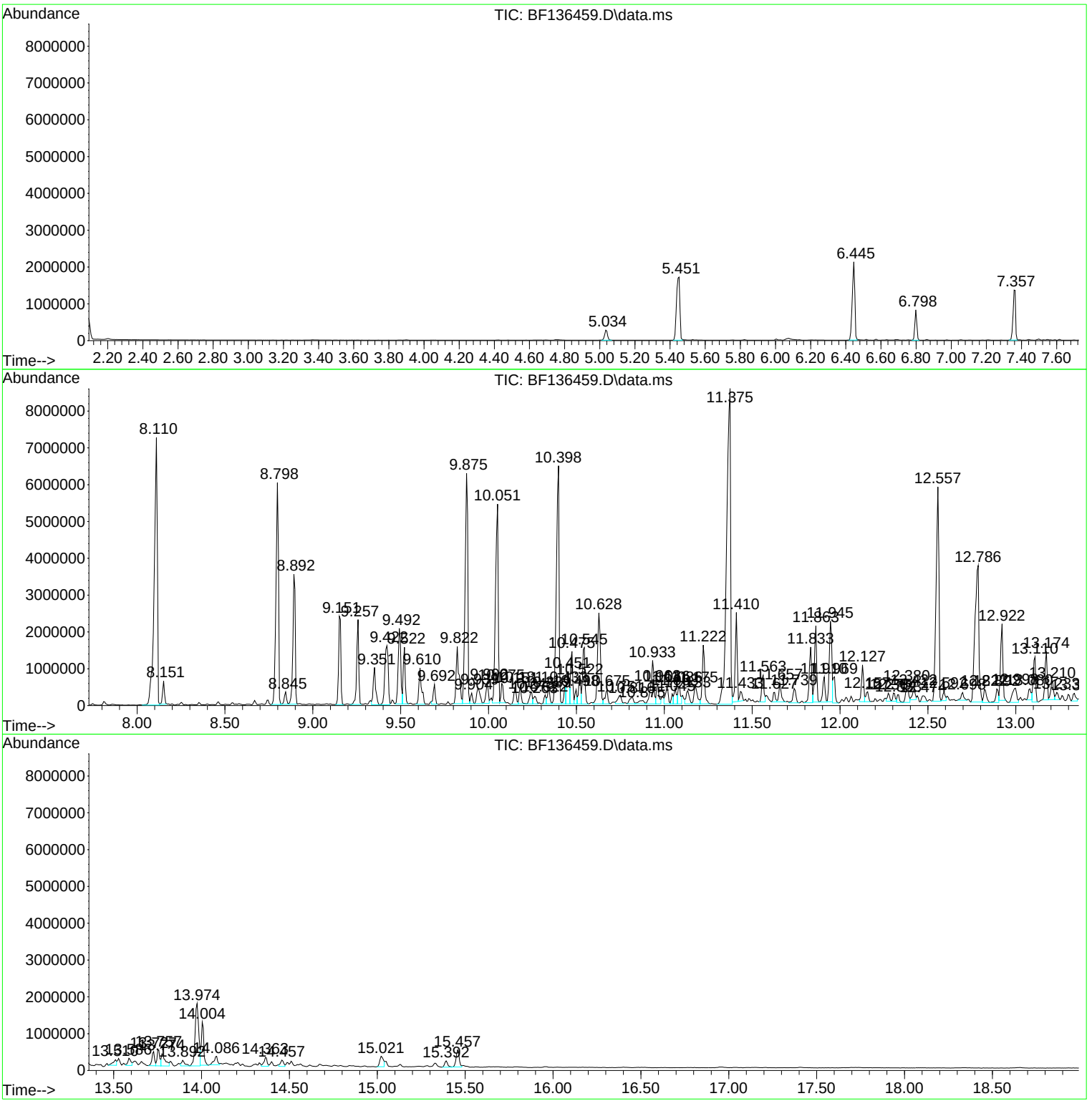
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
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Instrument :
BNA_F
ClientSampleId :
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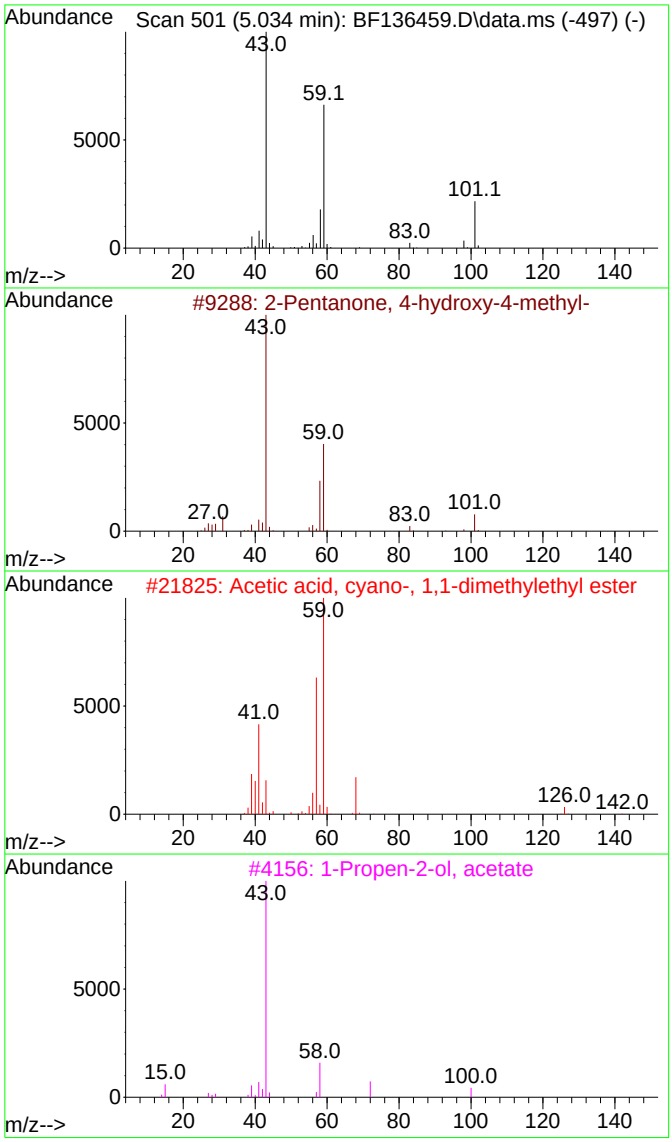
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

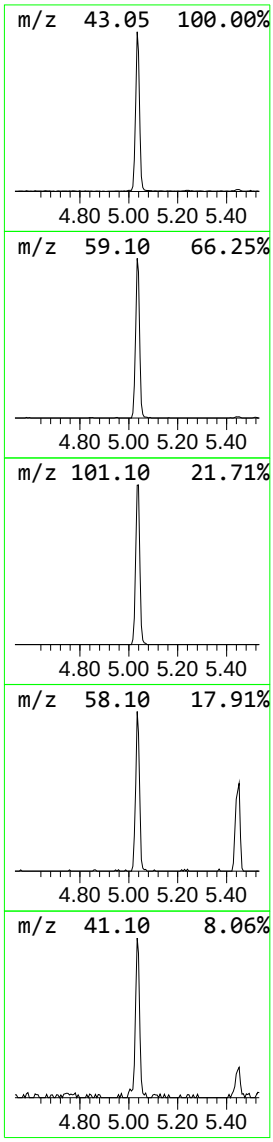
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	9.65 ng	305618	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	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
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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

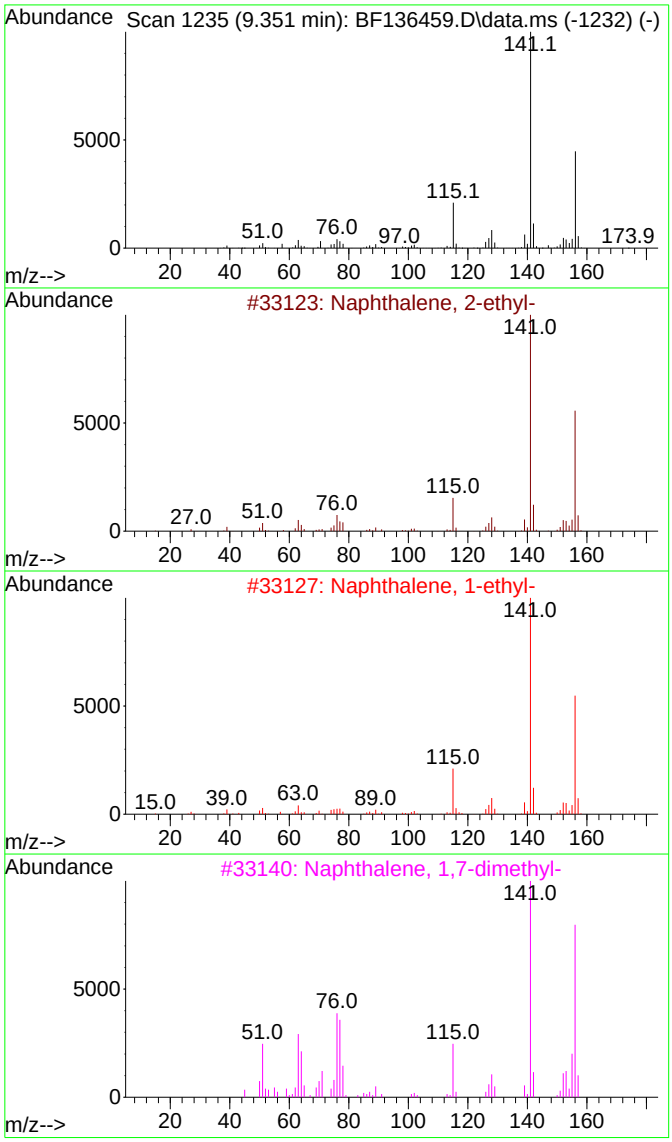
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

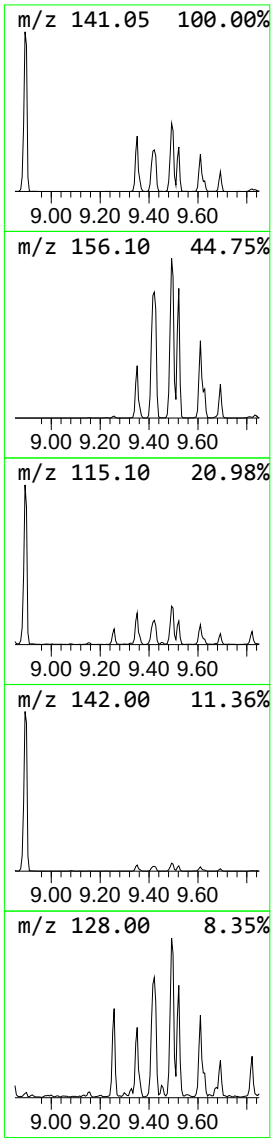
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	10.67 ng	961085	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	64
5	7-Methyl-trans-8-thiabicyclo[4.3...	156	C9H16S	060133-10-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

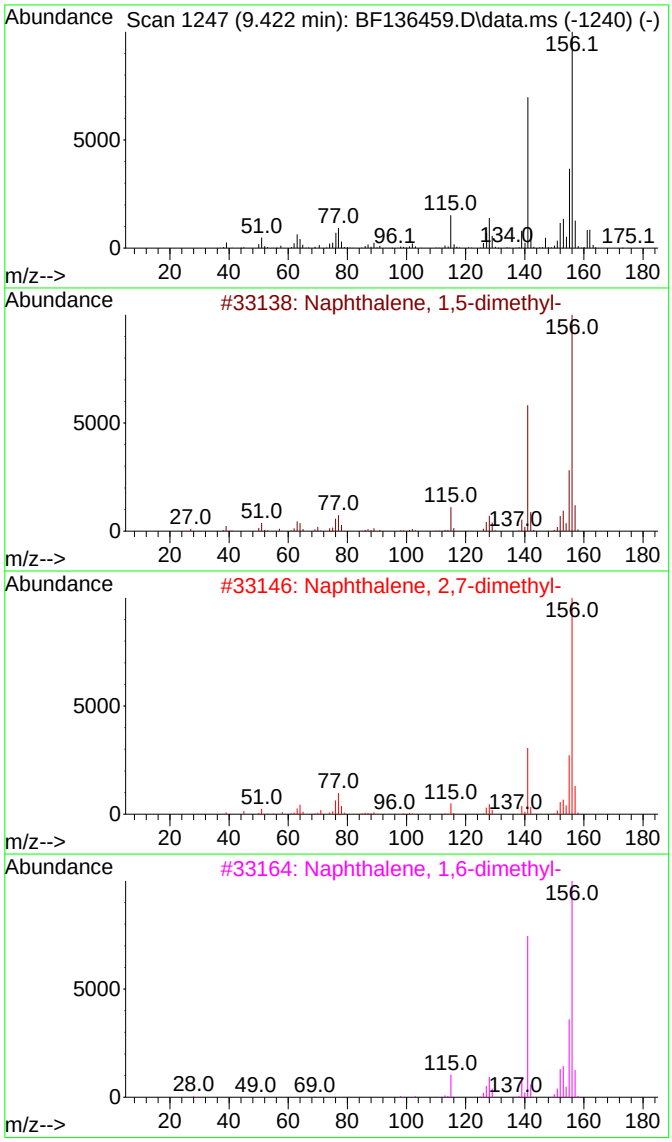
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

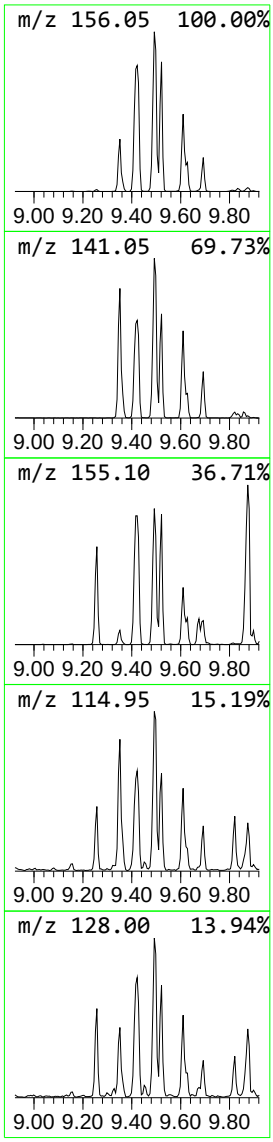
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	24.00 ng	2161920	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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

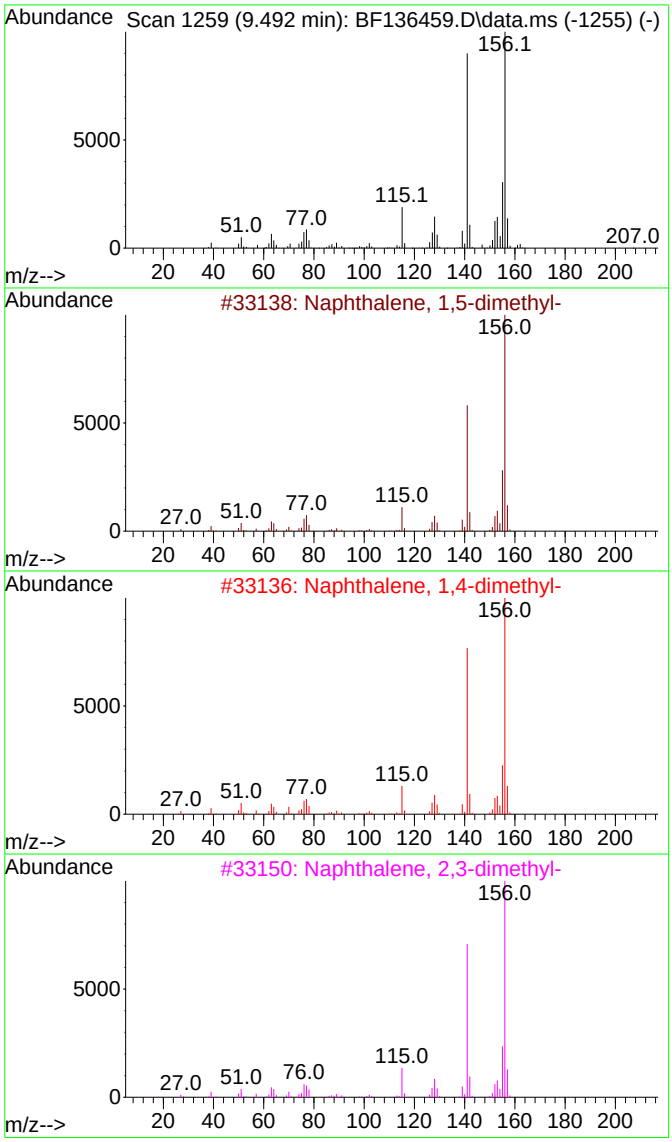
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

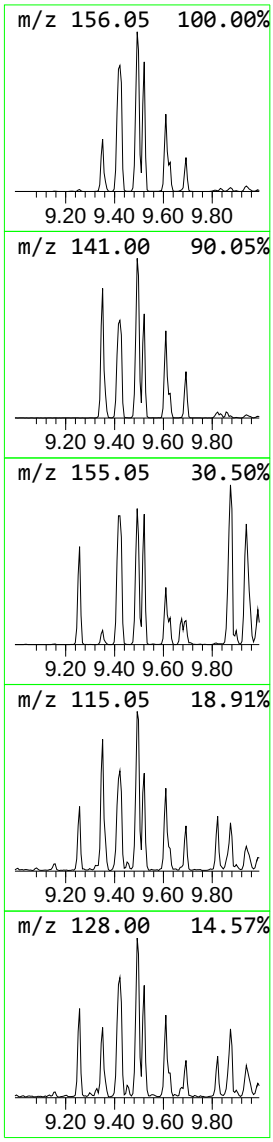
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	24.11 ng	2171590	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

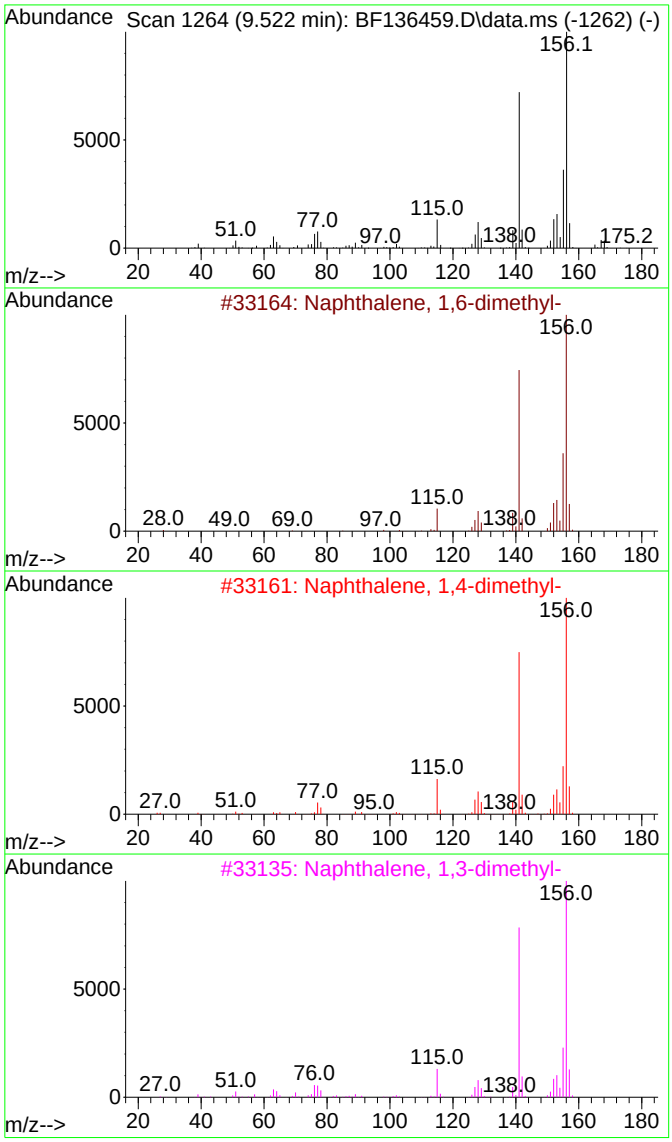
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

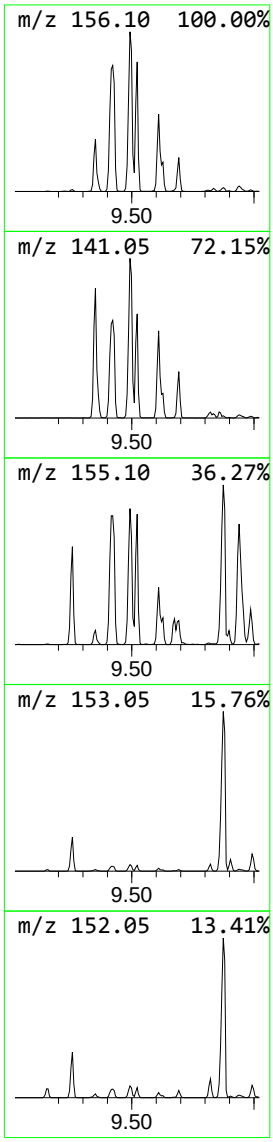
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	12.58 ng	1132920	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





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Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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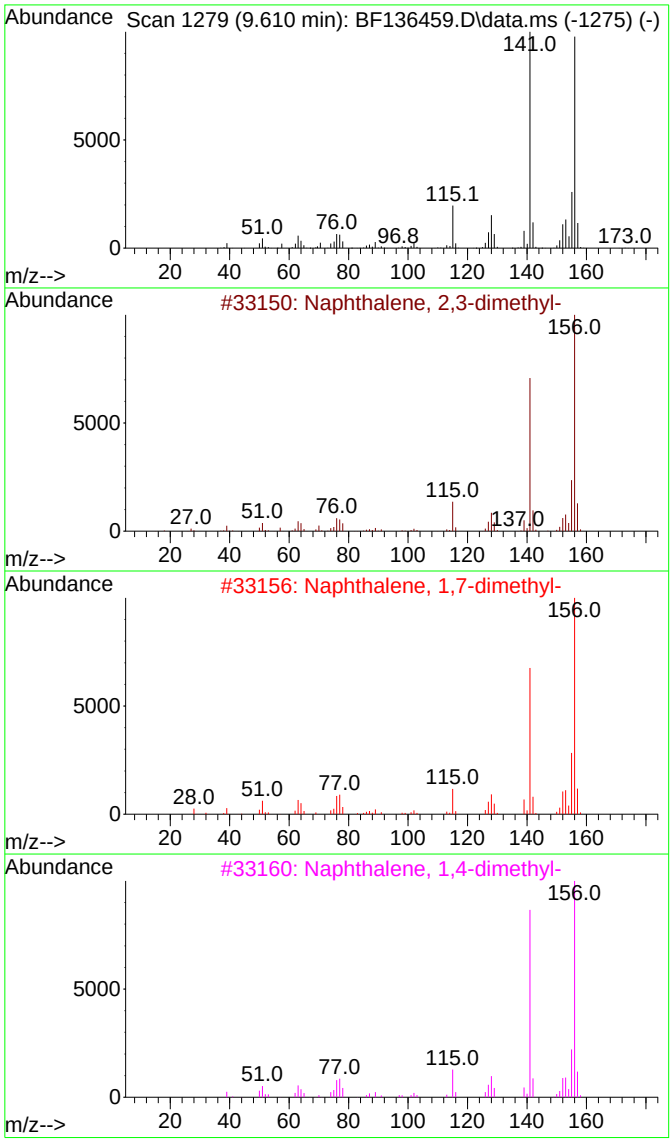
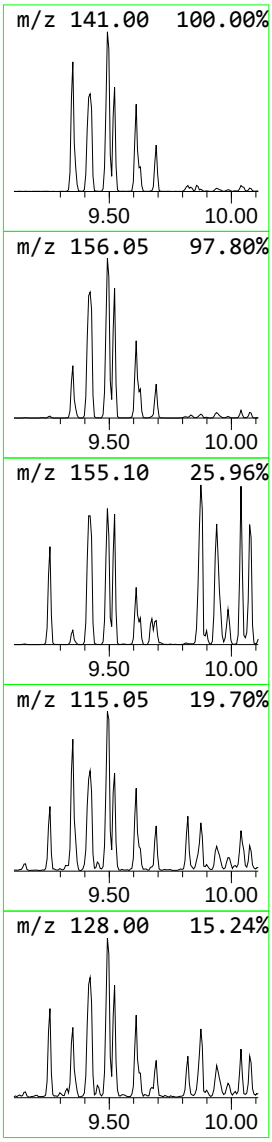
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	11.24 ng	1012220	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-216

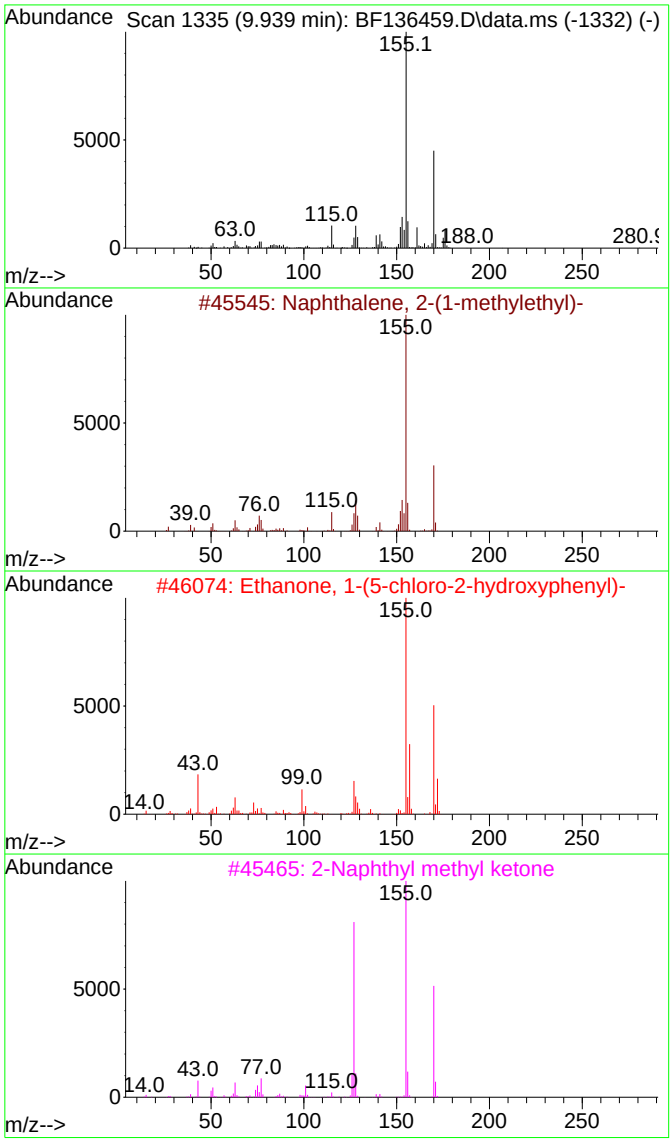
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

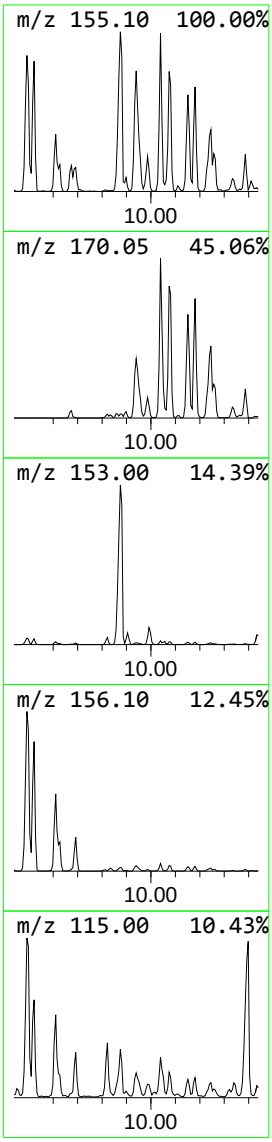
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	6.30 ng	567449	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	59
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-216

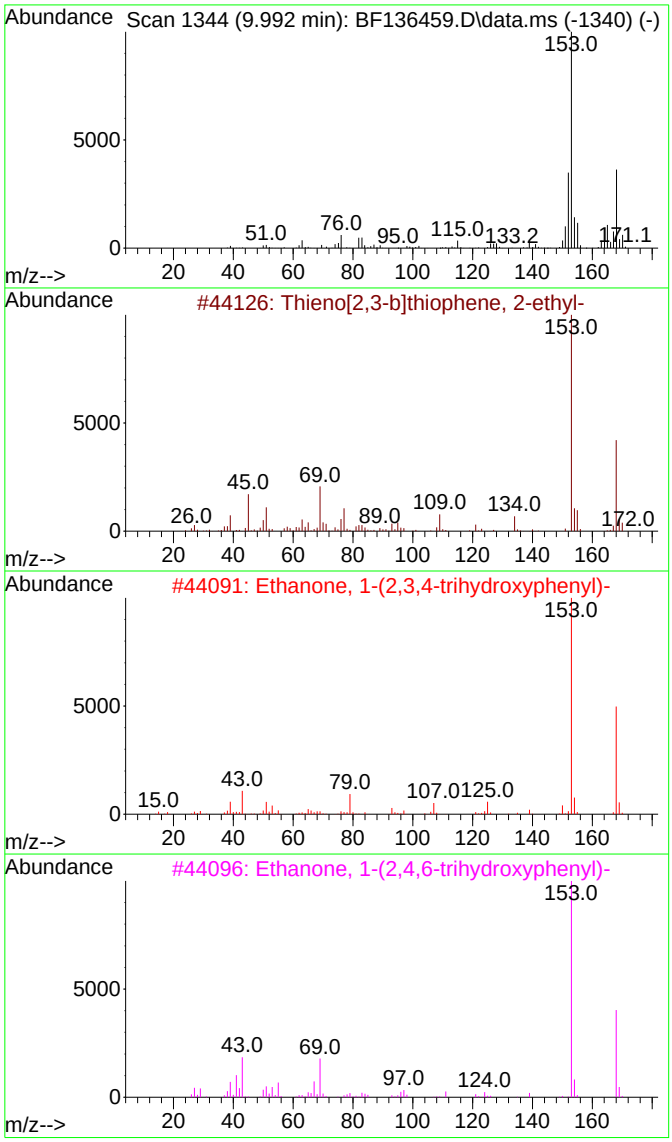
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

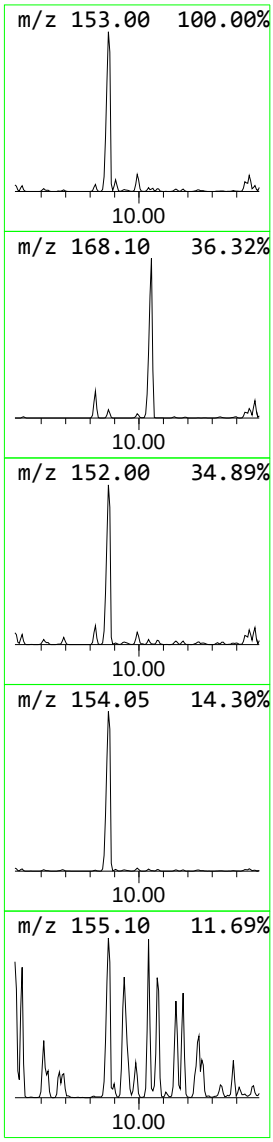
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Thieno[2,3-b]thiophene, 2-e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	5.85 ng	526694	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
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	50
4	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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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

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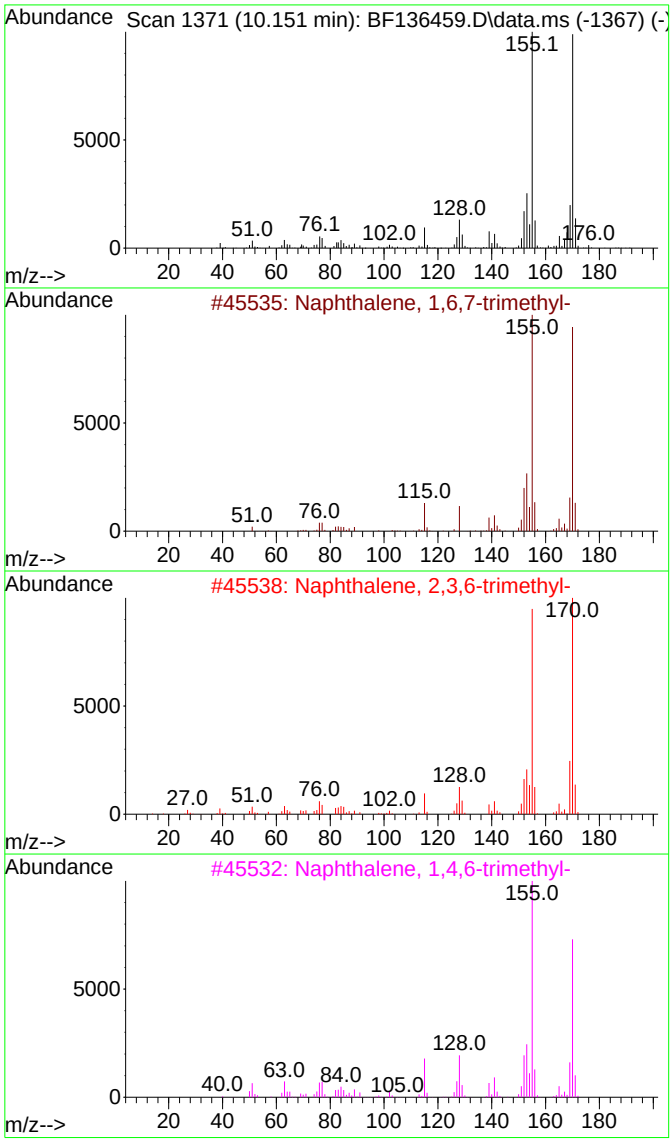
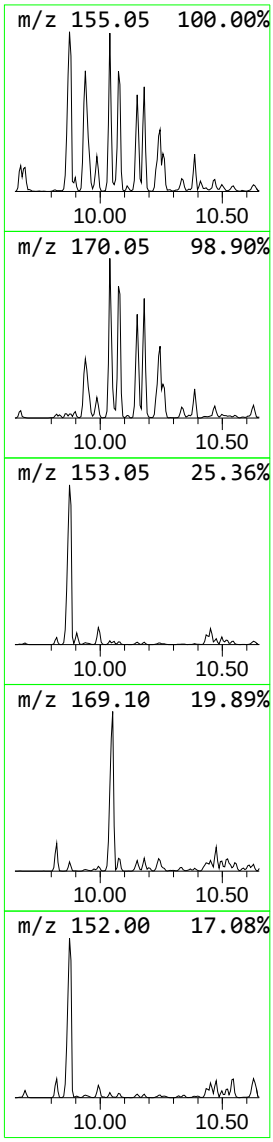
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	5.06 ng	455508	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	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

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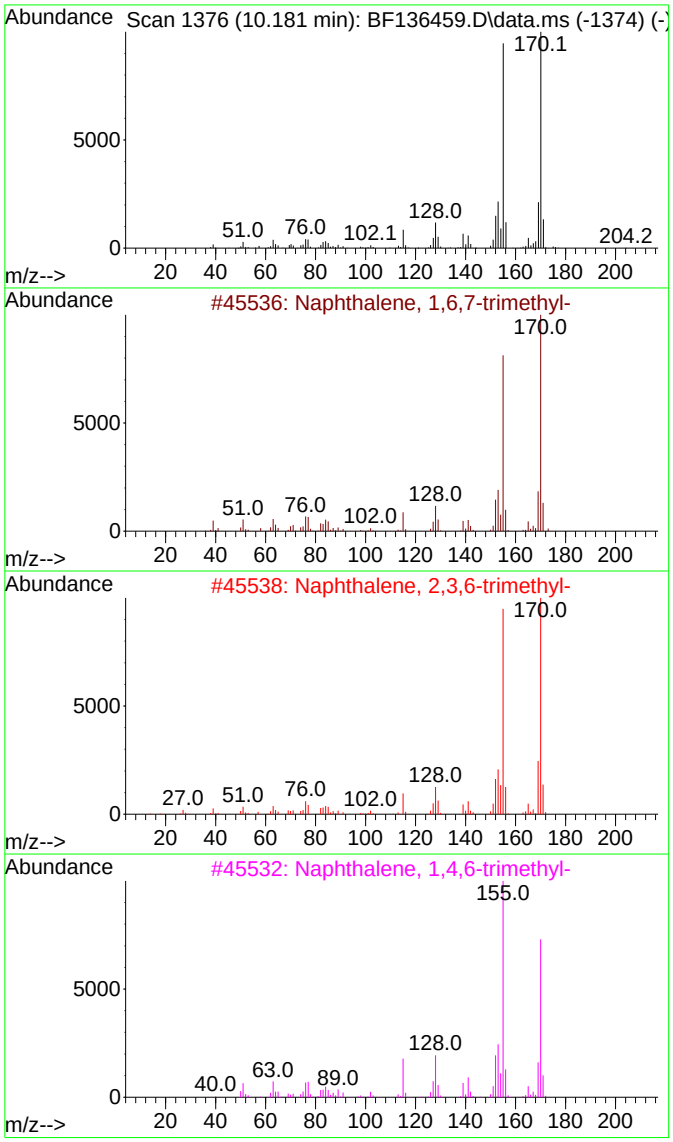
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

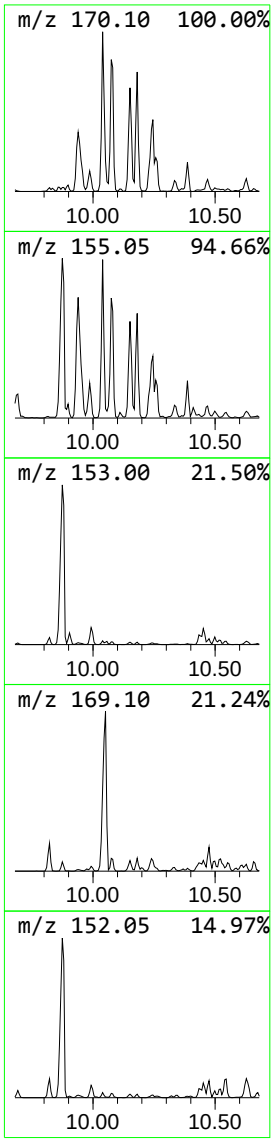
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	4.27 ng	384318	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	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-216

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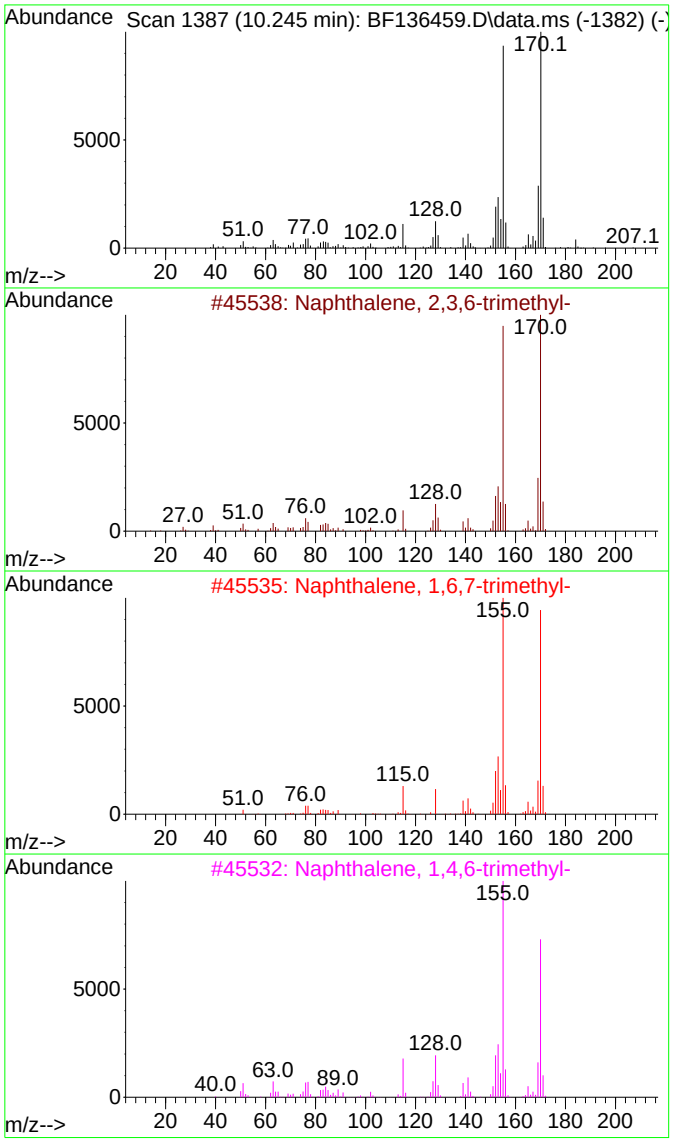
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

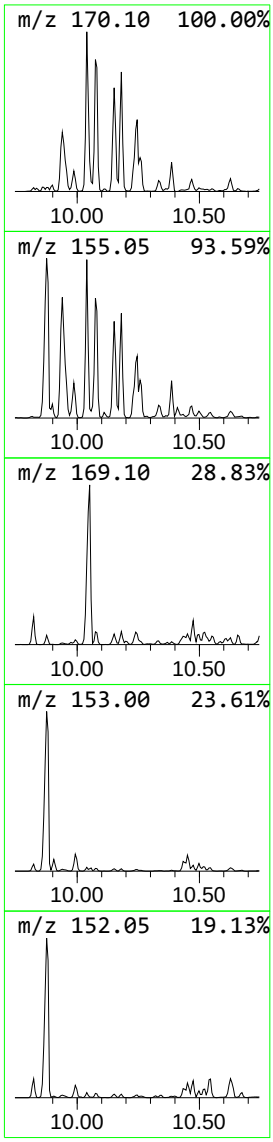
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	4.04 ng	363593	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
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	93





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Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-216

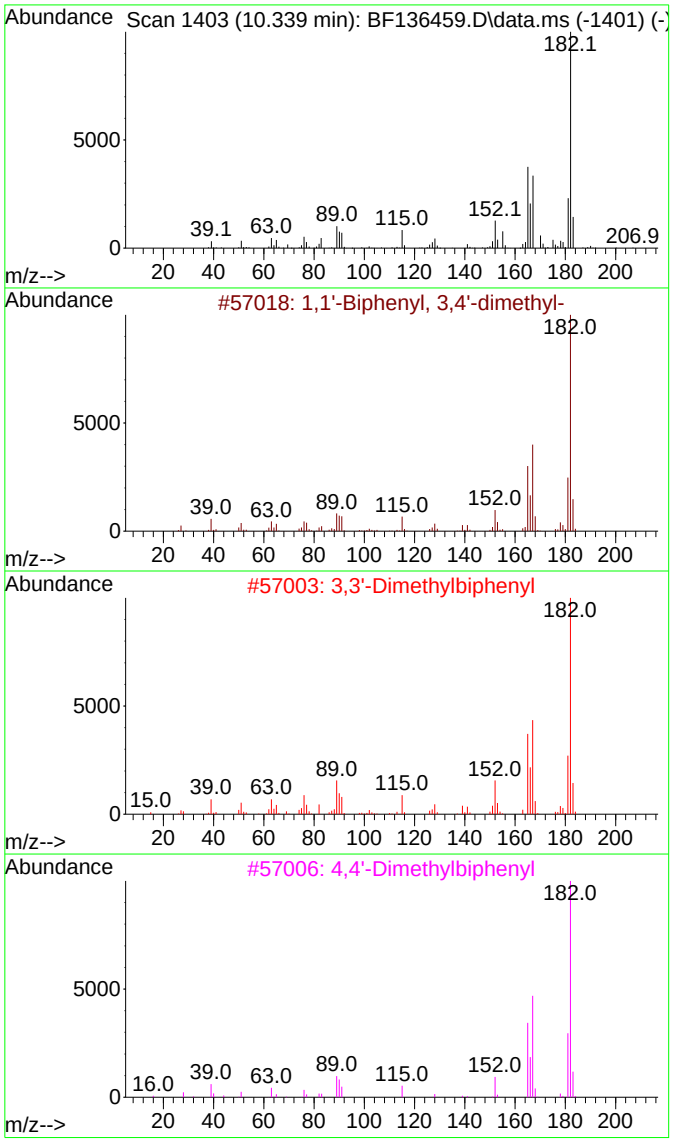
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

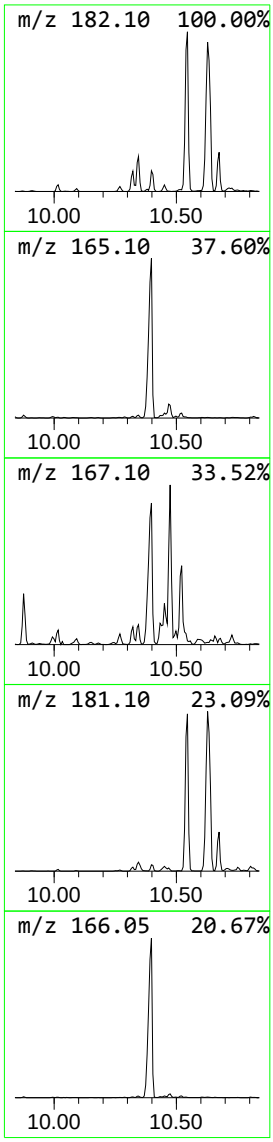
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	4.09 ng	368065	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	97
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	95
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	89
4	Dehydrochamazulene	182	C14H14	321732-25-6	64
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	59





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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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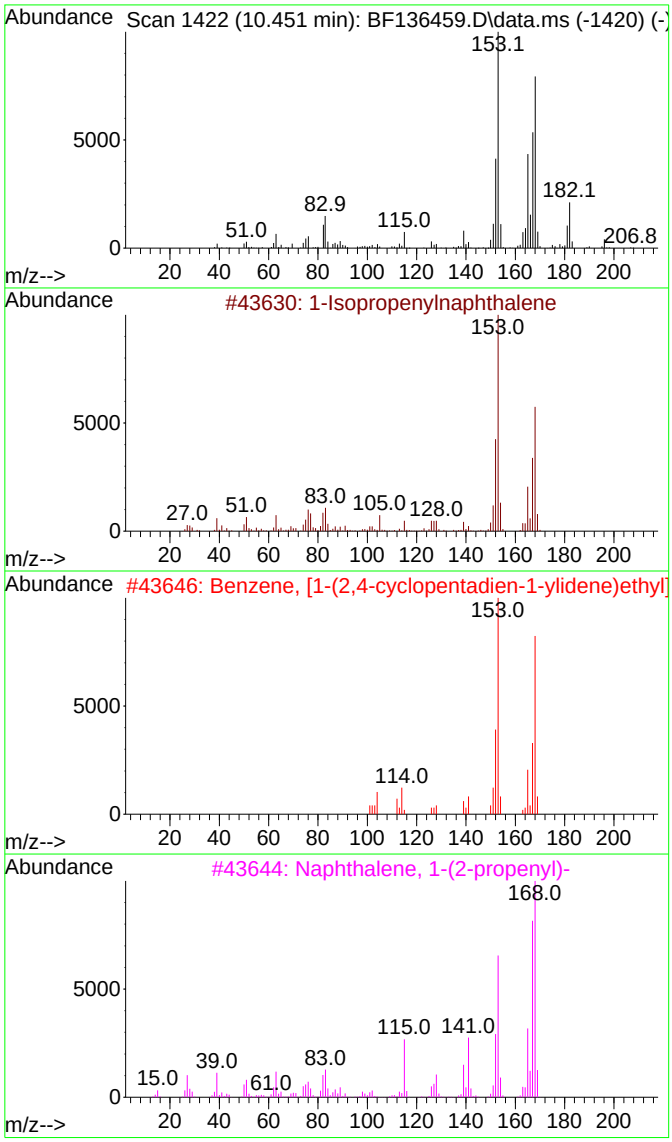
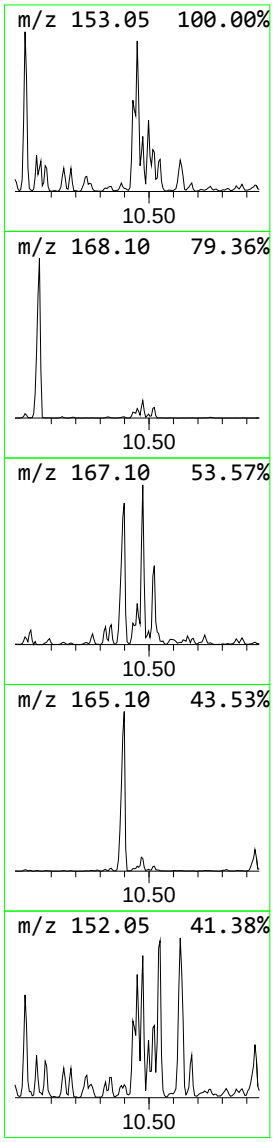
Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	9.35 ng	842753	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	58
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
4	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	52
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49





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ALS Vial : 19 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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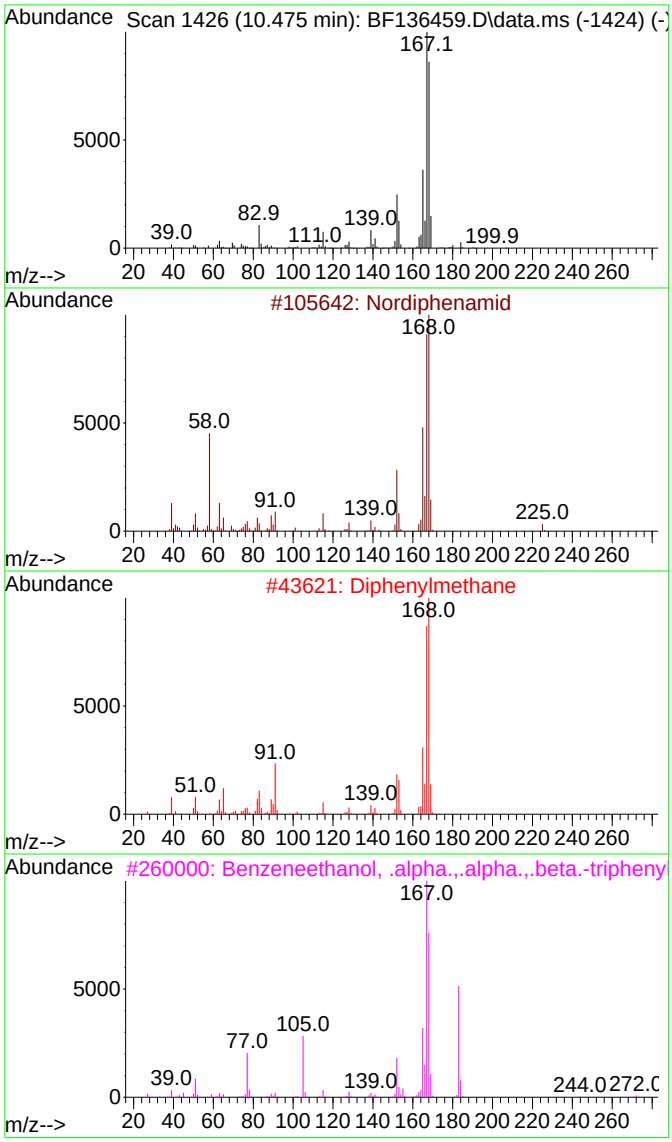
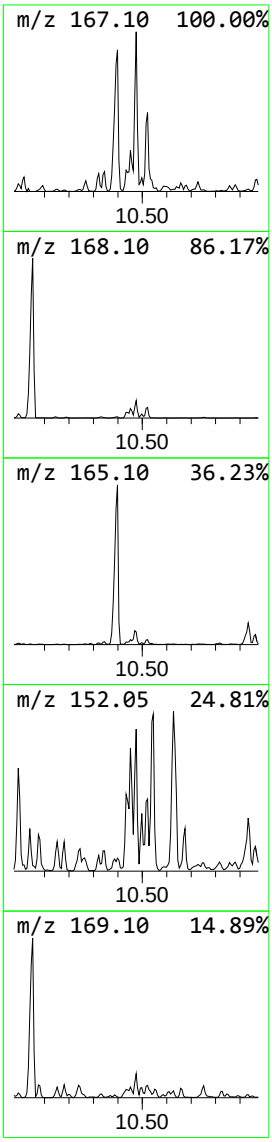
Peak Number 14 Nordiphenamid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	12.61 ng	1136260	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	90
2	Diphenylmethane	168	C13H12	000101-81-5	87
3	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	83
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	80
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64





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

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

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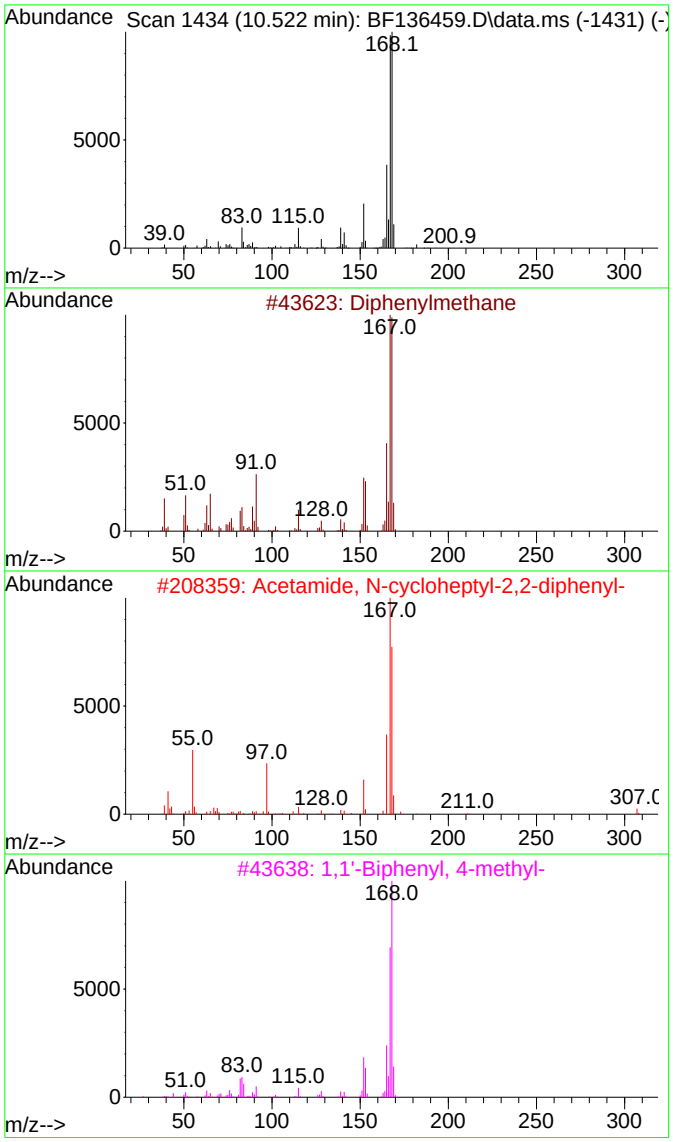
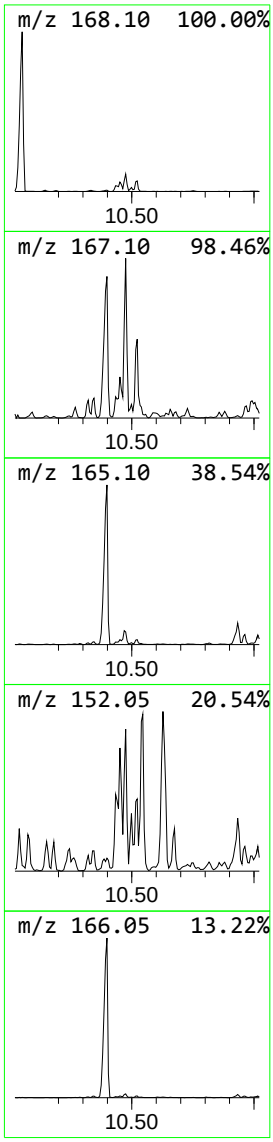
Peak Number 15 Diphenylmethane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	7.37 ng	663794	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	78
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	2,2-Diphenylethanol	198	C14H14O	001883-32-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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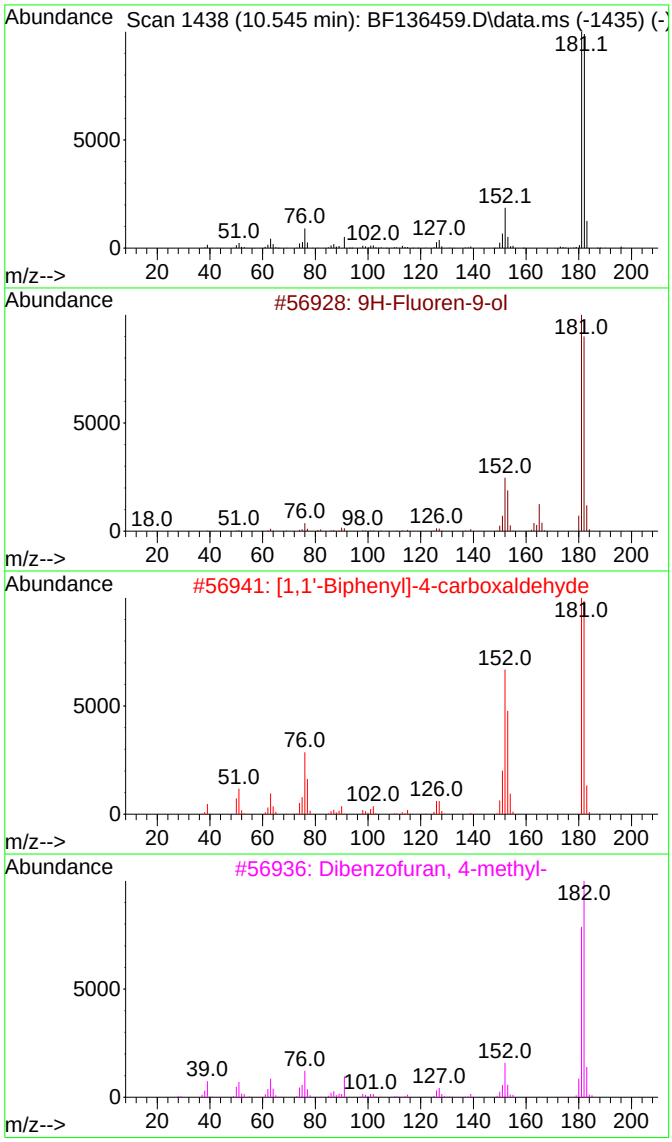
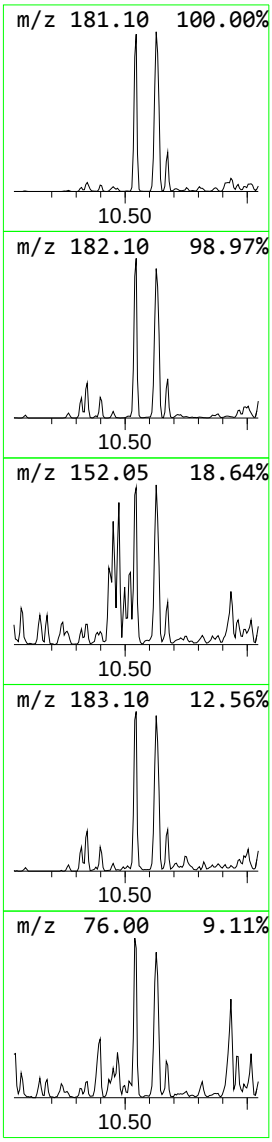
Peak Number 16 9H-Fluoren-9-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	16.08 ng	1449000	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	59
5	9H-Xanthene	182	C13H10O	000092-83-1	53





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Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

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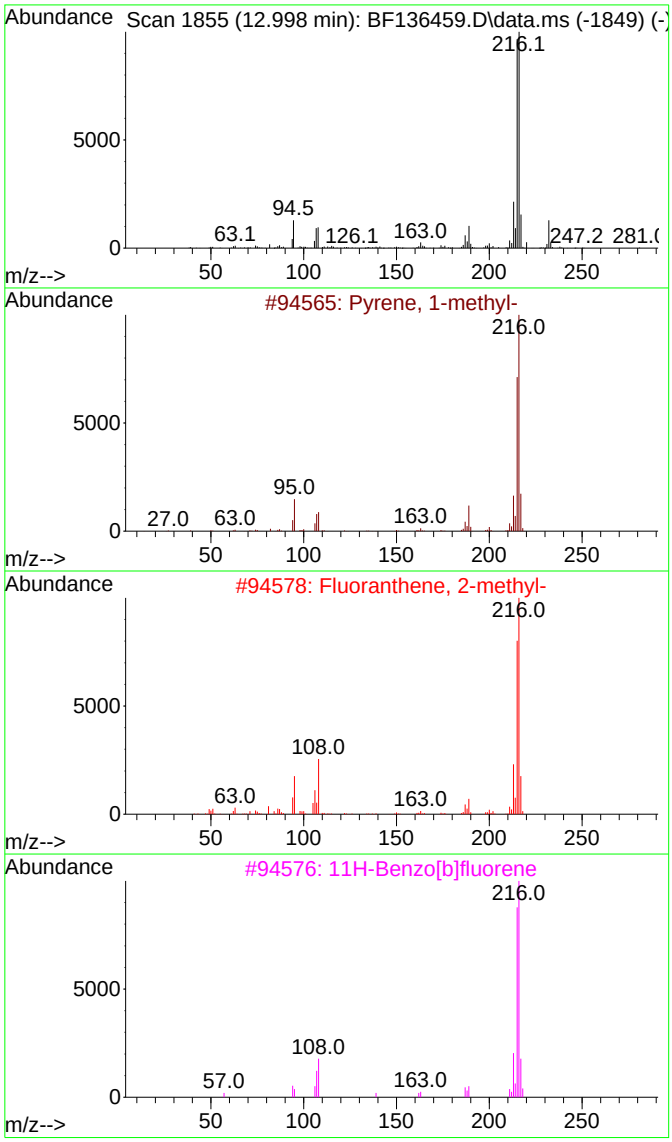
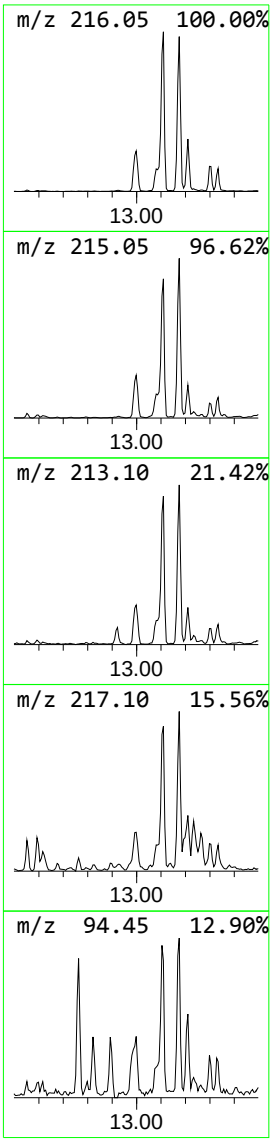
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	5.42 ng	671317	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	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

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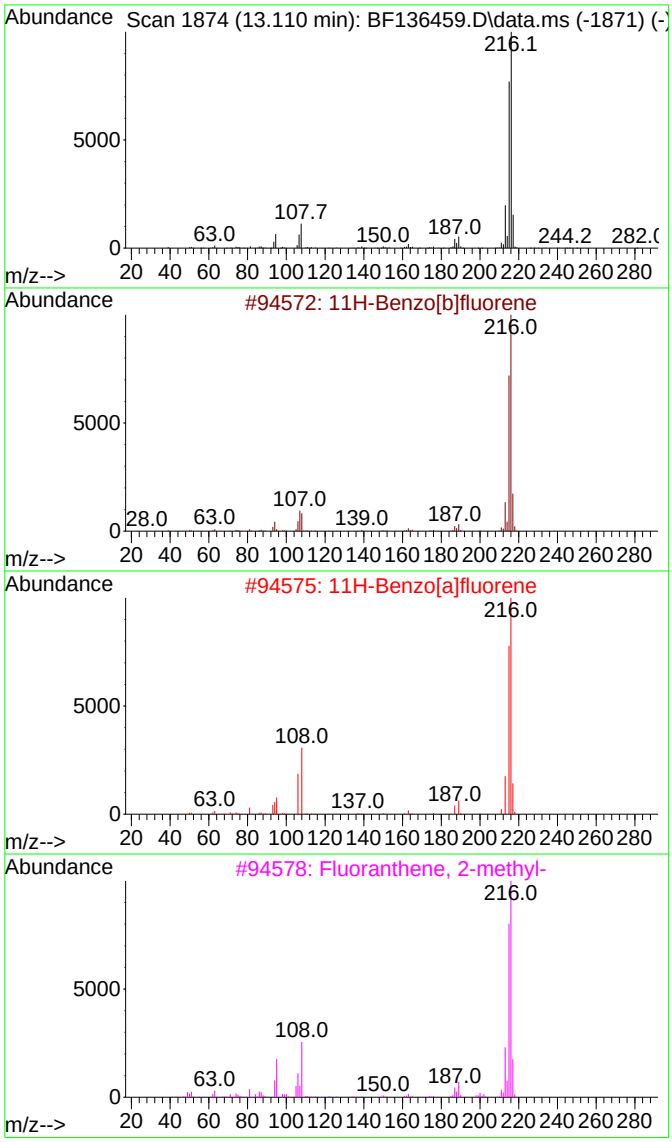
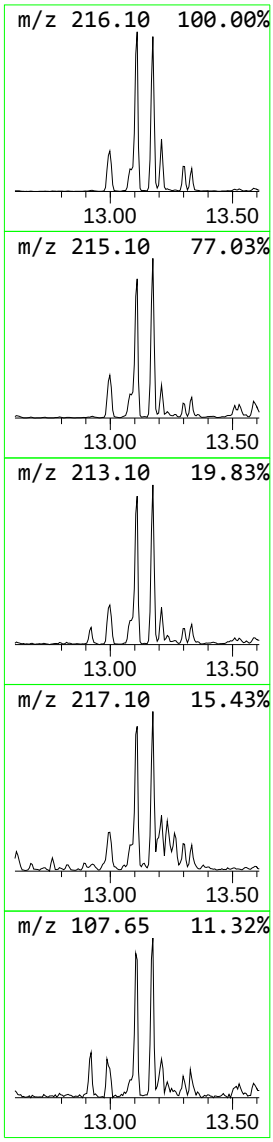
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	9.12 ng	1128250	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

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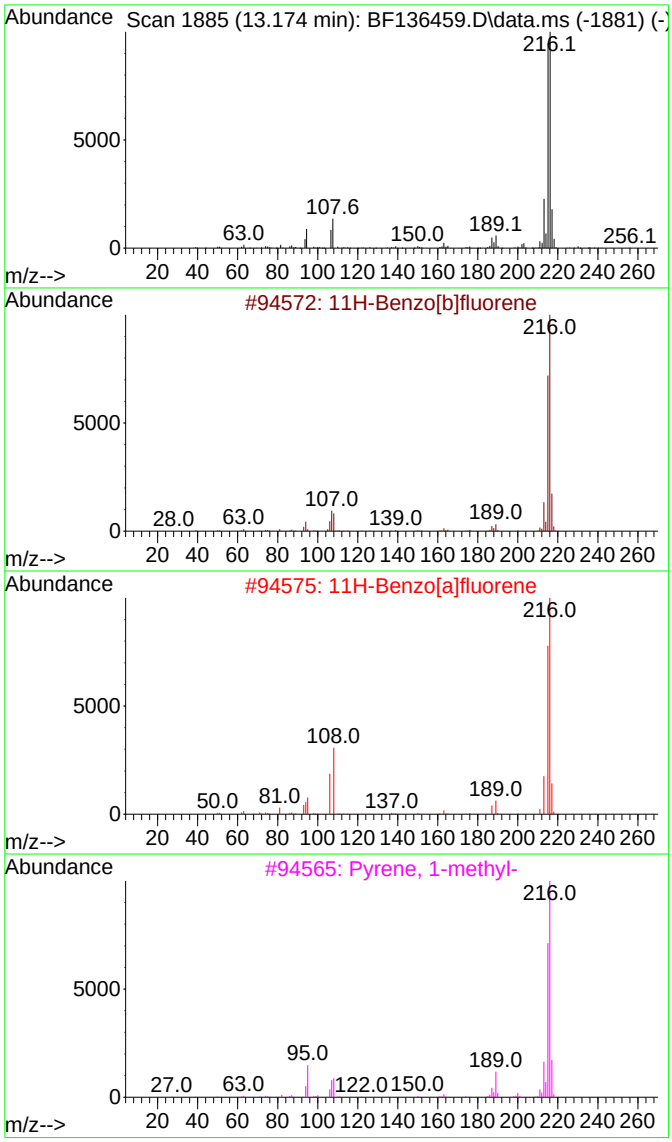
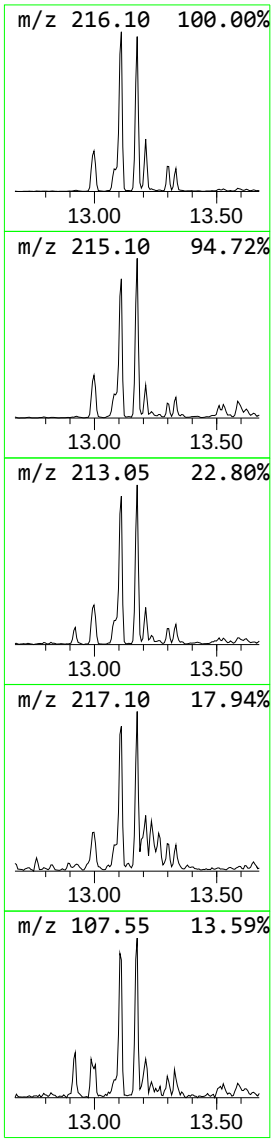
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	9.16 ng	1133790	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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

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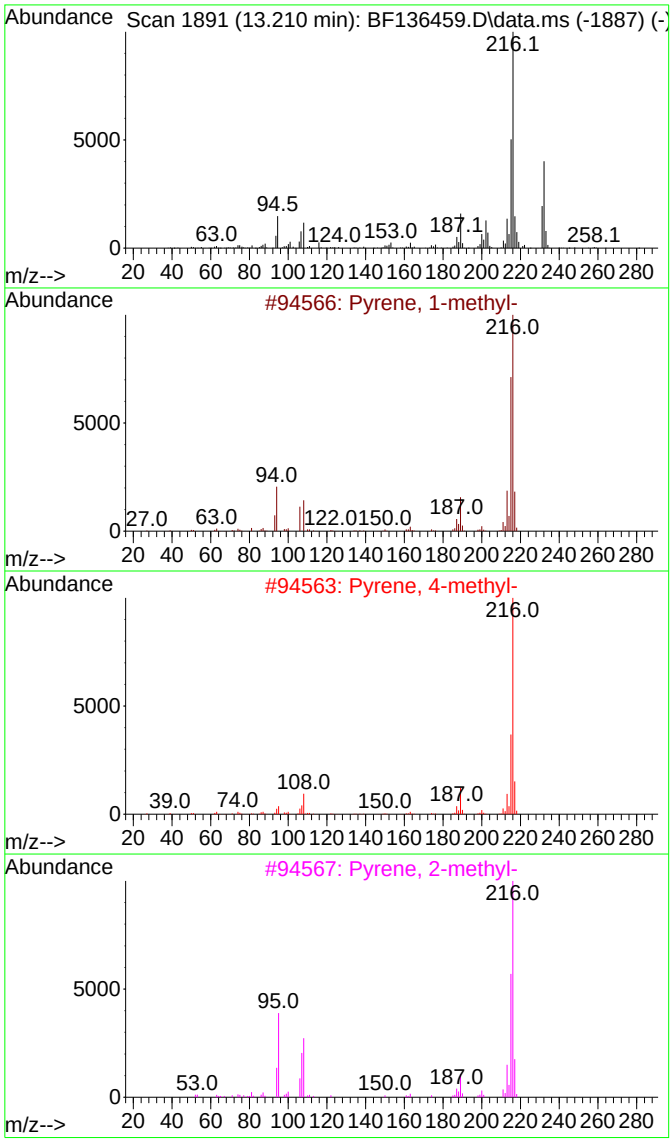
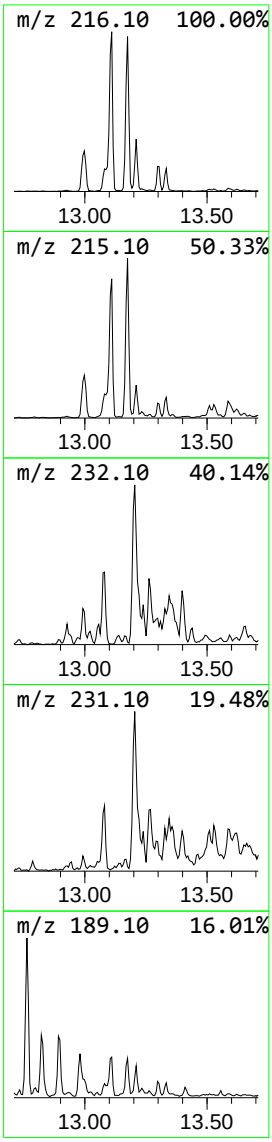
Peak Number 20 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	4.29 ng	530610	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136459.D
Acq On : 07 Dec 2023 21:41
Operator : CG\JU
Sample : 05629-01
Misc :
ALS Vial : 19 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	9.7	ng	305618	1	6.798	633357	20.0
Naphthalene, 2-...	9.351	10.7	ng	961085	3	9.833	1801740	20.0
Naphthalene, 1,...	9.422	24.0	ng	2161920	3	9.833	1801740	20.0
Naphthalene, 1,...	9.492	24.1	ng	2171590	3	9.833	1801740	20.0
Naphthalene, 1,...	9.522	12.6	ng	1132920	3	9.833	1801740	20.0
Naphthalene, 2,...	9.610	11.2	ng	1012220	3	9.833	1801740	20.0
Naphthalene, 2-...	9.939	6.3	ng	567449	3	9.833	1801740	20.0
Thieno[2,3-b]th...	9.992	5.8	ng	526694	3	9.833	1801740	20.0
Naphthalene, 1,...	10.151	5.1	ng	455508	3	9.833	1801740	20.0
Naphthalene, 2,...	10.181	4.3	ng	384318	3	9.833	1801740	20.0
Naphthalene, 1,...	10.245	4.0	ng	363593	3	9.833	1801740	20.0
1,1'-Biphenyl, ...	10.339	4.1	ng	368065	3	9.833	1801740	20.0
1-Isopropenylna...	10.451	9.3	ng	842753	3	9.833	1801740	20.0
Nordiphenamid	10.475	12.6	ng	1136260	3	9.833	1801740	20.0
Diphenylmethane	10.522	7.4	ng	663794	3	9.833	1801740	20.0
9H-Fluoren-9-ol	10.545	16.1	ng	1449000	3	9.833	1801740	20.0
Pyrene, 1-methyl-	12.998	5.4	ng	671317	5	13.980	2475140	20.0
11H-Benzo[b]flu...	13.110	9.1	ng	1128250	5	13.980	2475140	20.0
11H-Benzo[a]flu...	13.175	9.2	ng	1133790	5	13.980	2475140	20.0
Pyrene, 4-methyl-	13.210	4.3	ng	530610	5	13.980	2475140	20.0