LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.328	513	517	528	rBV	207379	197515	7.07%	0.426%
2	5.475	539	542	570	rVB	1911936	1892059	67.73%	4.084%
3	5.692	576	579	586	rBV	88381	86217	3.09%	0.186%
4	6.487	711	714	720	rBV	2025550	1875724	67.14%	4.049%
5	6.663	741	744	752	rVB	196670	191908	6.87%	0.414%
6	6.845	772	775	782	rBV	733753	638332	22.85%	1.378%
7	6.898	782	784	790	rVB2	77159	83979	3.01%	0.181%
8	7.022	802	805	809	rVB	566015	445462	15.95%	0.962%
9	7.104	817	819	823	rVV	154606	145363	5.20%	0.314%
10	7.157	826	828	835	rVB	126856	114460	4.10%	0.247%
11	7.375	859	865	868	rBV	127341	113598	4.07%	0.245%
12	7.416	868	872	878	rBV	1411948	1304519	46.70%	2.816%
13	7.639	907	910	916	rVB	87206	87129	3.12%	0.188%
14	7.798	934	937	940	rVB2	129209	110547	3.96%	0.239%
15	7.863	945	948	954	rBV2	145951	190993	6.84%	0.412%
16	7.910	954	956	958	rBV	98663	90341	3.23%	0.195%
17	8.128	990	993	995	rVV	817637	910201	32.58%	1.965%
18	8.157	995	998	1001	rVV	2944504	2793640	100.00%	6.030%
19	8.204	1003	1006	1011	rVB2	168383	164064	5.87%	0.354%
20	8.404	1037	1040	1045	rVB4	54896	83647	2.99%	0.181%
21	8.798	1104	1107	1111	rVB	126428	119868	4.29%	0.259%
22	8.845	1111	1115	1118	rBV	1856007	1522154	54.49%	3.285%
23	8.945	1126	1132	1135	rBV	1895469	1761879	63.07%	3.803%
24	9.133	1162	1164	1170	rVB	103280	91708	3.28%	0.198%
25	9.204	1172	1176	1179	rBV	2432399	1972137	70.59%	4.257%
26	9.304	1190	1193	1198	rVB	434300	340898	12.20%	0.736%
27	9.380	1202	1206	1207	rBV2	108195	105191	3.77%	0.227%
28	9.398	1207	1209	1215	rVB	684404	626128	22.41%	1.351%
29	9.469	1216	1221	1225	rBV	783979	1089693	39.01%	2.352%
30	9.545	1229	1234	1236	rVV	1048706	1110202	39.74%	2.396%
31	9.569	1236	1238	1244	rVB	814365	743322	26.61%	1.604%
32	9.657	1250	1253	1259	rBV	468013	545932	19.54%	1.178%
33	9.745	1265	1268	1272	rVB2	409886	357972	12.81%	0.773%
34	9.863	1285	1288	1290	rBV	341384	306810	10.98%	0.662%
35	9.886	1290	1292	1294	rVV	996711	759697	27.19%	1.640%
36	9.922	1294	1298	1301	rVV	1488895	1340722	47.99%	2.894%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.986	1305	1309	1313	rBV2	292397	382988	13.71%	0.827%
38	10.086	1322	1326	1330	rVB4	344434	428563	15.34%	0.925%
39	10.122	1330	1332	1336	rVB	311709	281728	10.08%	0.608%
40	10.198	1341	1345	1348	rBV	271165	278243	9.96%	0.601%
41	10.227	1348	1350	1353	rBV	216192	159764	5.72%	0.345%
42	10.280	1356	1359	1362	rBV3	178519	252483	9.04%	0.545%
43	10.310	1362	1364	1366	rVB	138003	100358	3.59%	0.217%
44	10.339	1366	1369	1371	rBV	89011	79011	2.83%	0.171%
45	10.380	1374	1376	1378	rVB2	121284	87768	3.14%	0.189%
46	10.404	1378	1380	1382	rBV	157765	128315	4.59%	0.277%
47	10.433	1382	1385	1390	rVB	858540	832707	29.81%	1.797%
48	10.480	1390	1393	1395	rBV	239447	209780	7.51%	0.453%
49	10.516	1397	1399	1402	rVB2	131178	111553	3.99%	0.241%
50	10.545	1402	1404	1406	rVB2	194374	139667	5.00%	0.301%
51	10.592	1409	1412	1415	rVB2	123256	134005	4.80%	0.289%
52	10.680	1421	1427	1430	rBV2	1186032	1283120	45.93%	2.770%
53	10.786	1441	1445	1452	rVB4	149510	233267	8.35%	0.503%
54	10.980	1474	1478	1481	rBV2	224135	302139	10.82%	0.652%
55	11.010	1481	1483	1486	rVV	205831	156556	5.60%	0.338%
56	11.063	1490	1492	1495	rVB	143932	112897	4.04%	0.244%
57	11.274	1525	1528	1531	rVV	503015	427896	15.32%	0.924%
58	11.380	1542	1546	1547	rBV	763068	695875	24.91%	1.502%
59	11.404	1547	1550	1553	rVV	2588221	2319798	83.04%	5.007%
60	11.457	1556	1559	1562	rVV	725965	643920	23.05%	1.390%
61	11.486	1562	1564	1566	rVV2	115139	97444	3.49%	0.210%
62	11.604	1581	1584	1587	rBV4	75403	87801	3.14%	0.190%
63	11.669	1592	1595	1597	rVB	127997	94909	3.40%	0.205%
64	11.710	1599	1602	1607	rVB	234754	235582	8.43%	0.508%
65	11.792	1611	1616	1620	rVB2	166215	224971	8.05%	0.486%
66	11.880	1627	1631	1633	rBV	602585	546495	19.56%	1.180%
67	11.910	1633	1636	1641	rVB	579259	517296	18.52%	1.117%
68	11.957	1641	1644	1647	rBV	243127	205015	7.34%	0.443%
69	11.992	1647	1650	1652	rVV2	647992	689961	24.70%	1.489%
70	12.016	1652	1654	1657	rVB	305281	243707	8.72%	0.526%
71	12.174	1678	1681	1685	rBV	269522	269847	9.66%	0.582%
72	12.351	1709	1711	1714	rVV	95449	84460	3.02%	0.182%
73	12.427	1721	1724	1726	rBV	280367	251973	9.02%	0.544%
74	12.468	1726	1731	1733	rVV3	115666	171385	6.13%	0.370%
75	12.516	1736	1739	1743	rBV3	62065	92044	3.29%	0.199%
76	12.592	1749	1752	1756	rBV	889504	763631	27.33%	1.648%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.692	1765	1769	1775	rVV	245203	269724	9.65%	0.582%
78	12.827	1786	1792	1797	rVV	1196017	1196429	42.83%	2.582%
79	12.957	1811	1814	1824	rVB	1448677	1324597	47.41%	2.859%
80	13.039	1824	1828	1833	rBV2	99117	143500	5.14%	0.310%
81	13.151	1840	1847	1852	rVB	216895	336934	12.06%	0.727%
82	13.216	1856	1858	1862	rVV	185664	165653	5.93%	0.358%
83	13.257	1862	1865	1873	rVB	174303	178709	6.40%	0.386%
84	13.327	1873	1877	1878	rBV2	81872	85469	3.06%	0.184%
85	13.351	1878	1881	1884	rVV	128672	150791	5.40%	0.325%
86	13.380	1884	1886	1893	rVB	153457	154174	5.52%	0.333%
87	13.545	1908	1914	1917	rBV4	50521	93885	3.36%	0.203%
88	13.645	1925	1931	1934	rBV2	66458	111529	3.99%	0.241%
89	13.798	1955	1957	1960	rVB2	108946	95530	3.42%	0.206%
90	14.021	1990	1995	1998	rBV2	790950	1035739	37.07%	2.236%
91	14.051	1998	2000	2007	rVB	363032	355243	12.72%	0.767%
92	14.415	2059	2062	2065	rVV	105297	127661	4.57%	0.276%
93	14.557	2084	2086	2090	rVV	95939	87798	3.14%	0.190%
94	15.074	2170	2174	2177	rBV	185647	280864	10.05%	0.606%
95	15.186	2190	2193	2199	rVB	69464	79449	2.84%	0.171%
96	15.380	2222	2226	2233	rVB	177530	211973	7.59%	0.458%
97	15.445	2233	2237	2241	rBV	298935	366208	13.11%	0.790%
98	15.504	2243	2247	2252	rVV	450457	535474	19.17%	1.156%
99	17.015	2499	2504	2514	rVB2	72876	148813	5.33%	0.321%
100	17.468	2577	2581	2592	rBV2	54138	120804	4.32%	0.261%

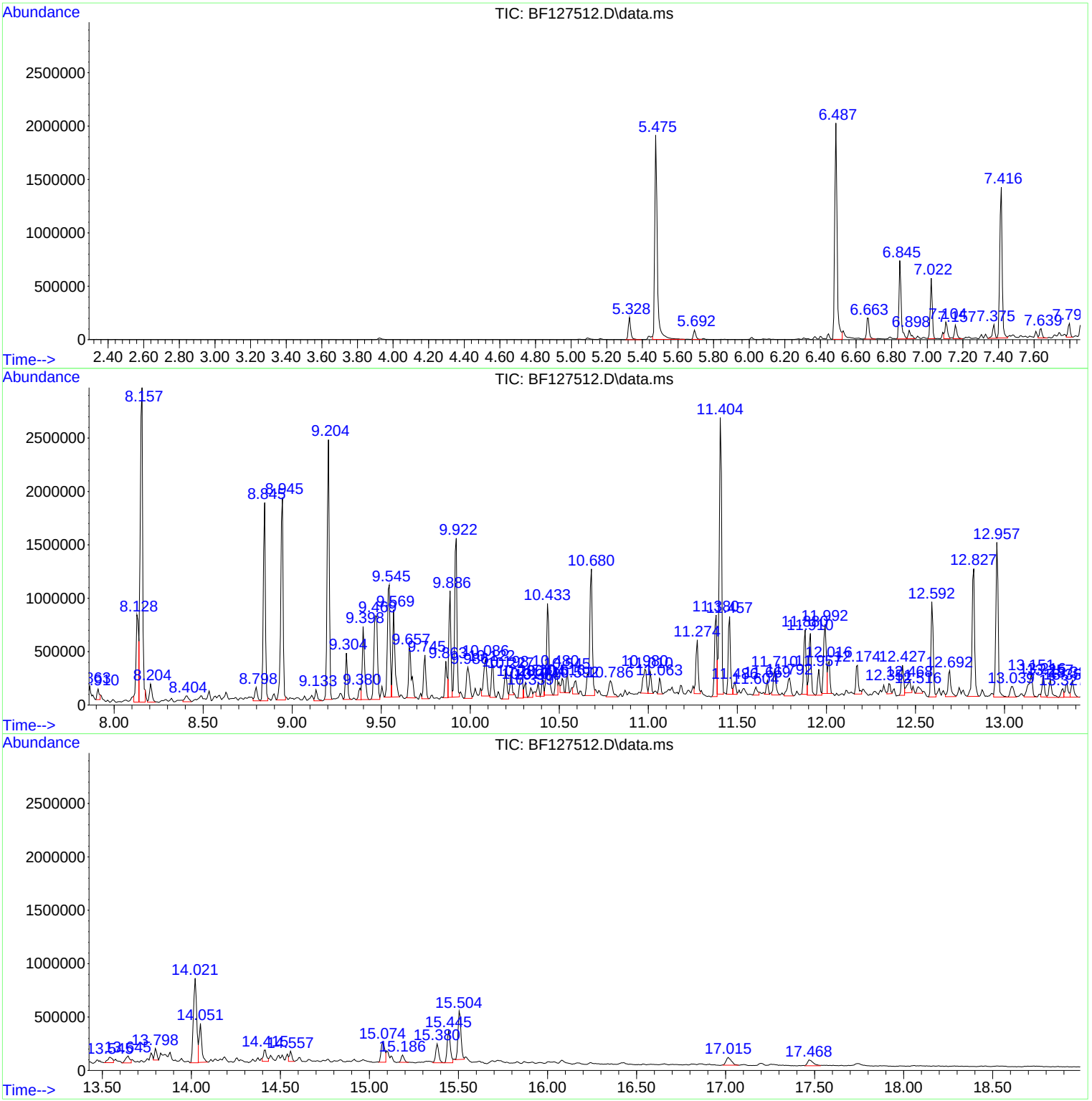
Sum of corrected areas: 46329883

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

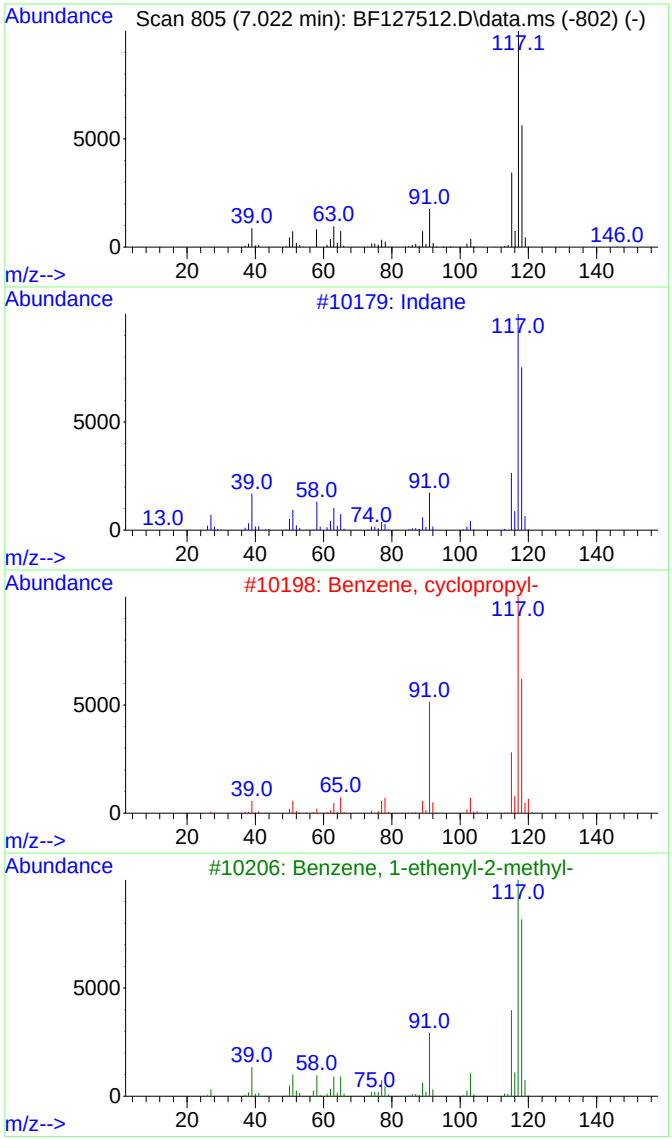
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

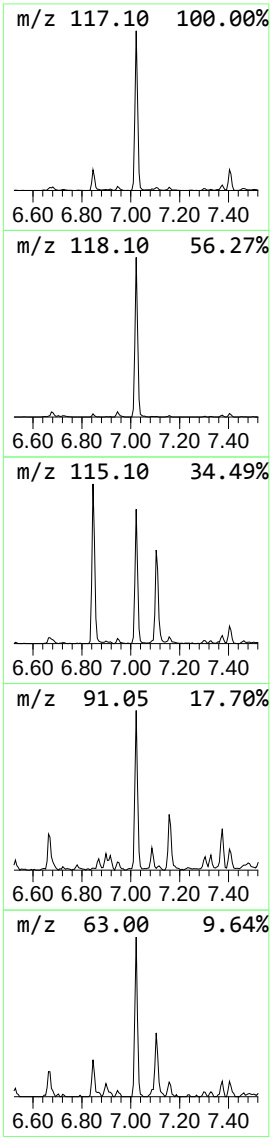
****

Peak Number 1 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	13.96 ng	445462	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

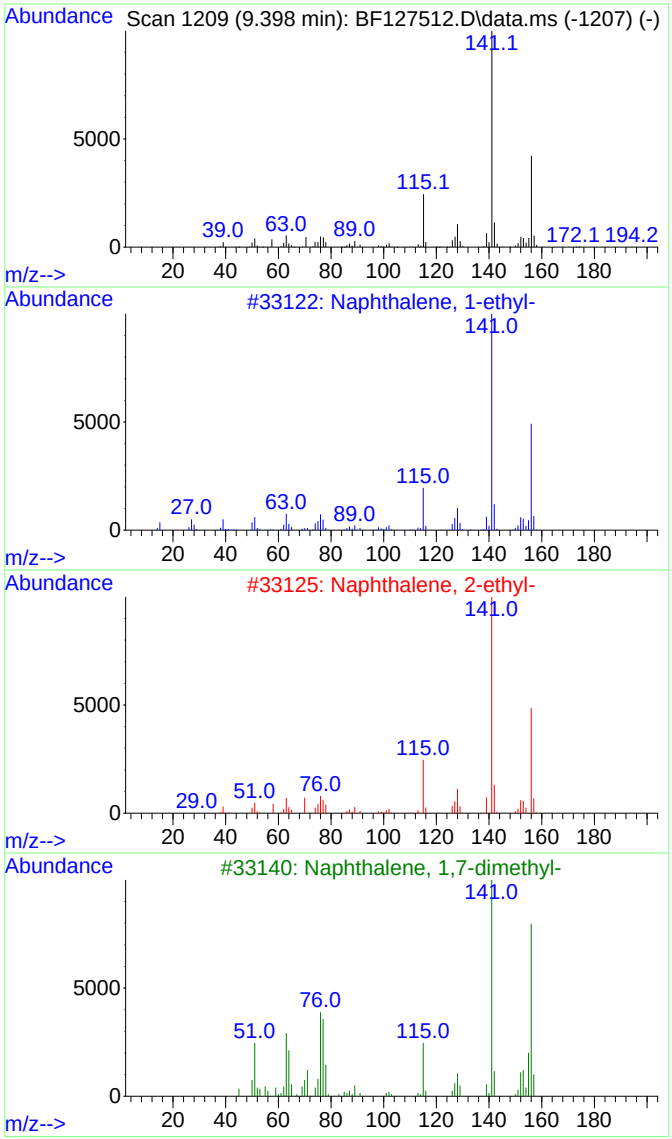
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

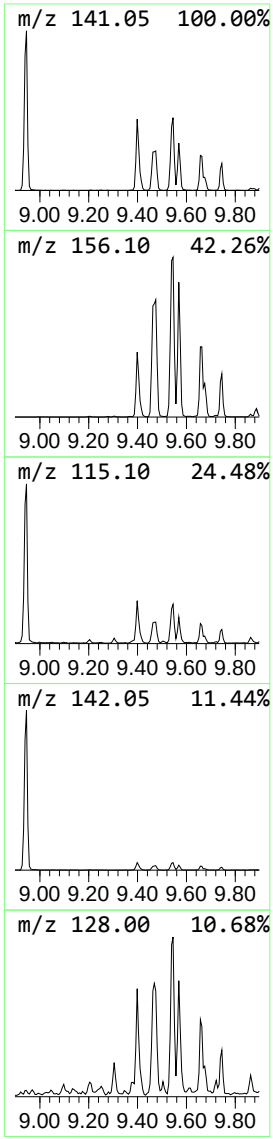
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	16.48 ng	626128	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

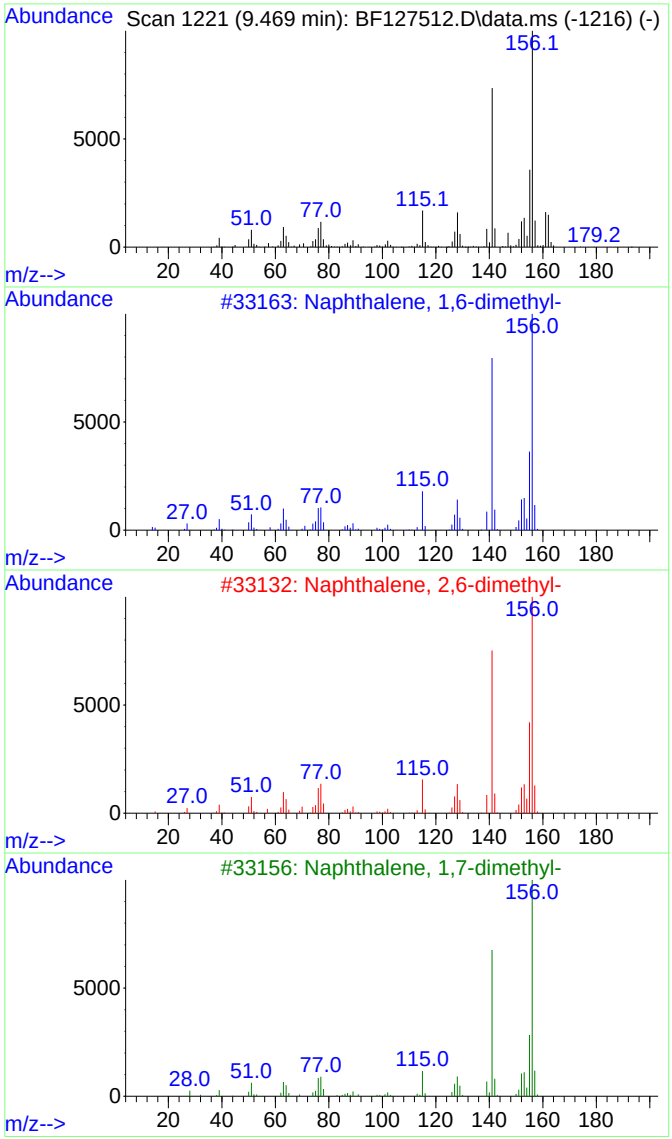
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

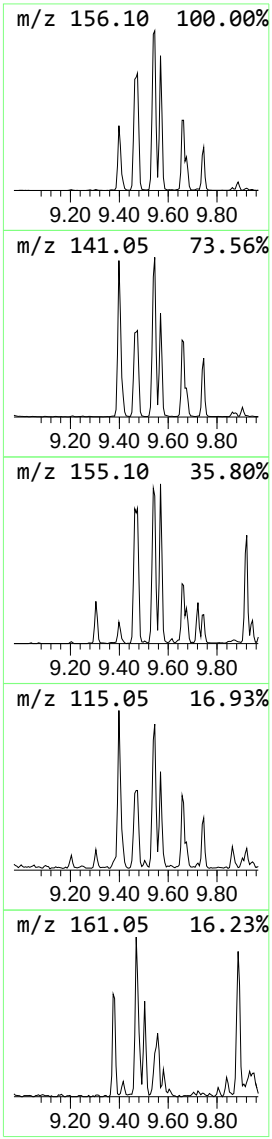
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	28.69 ng	1089690	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

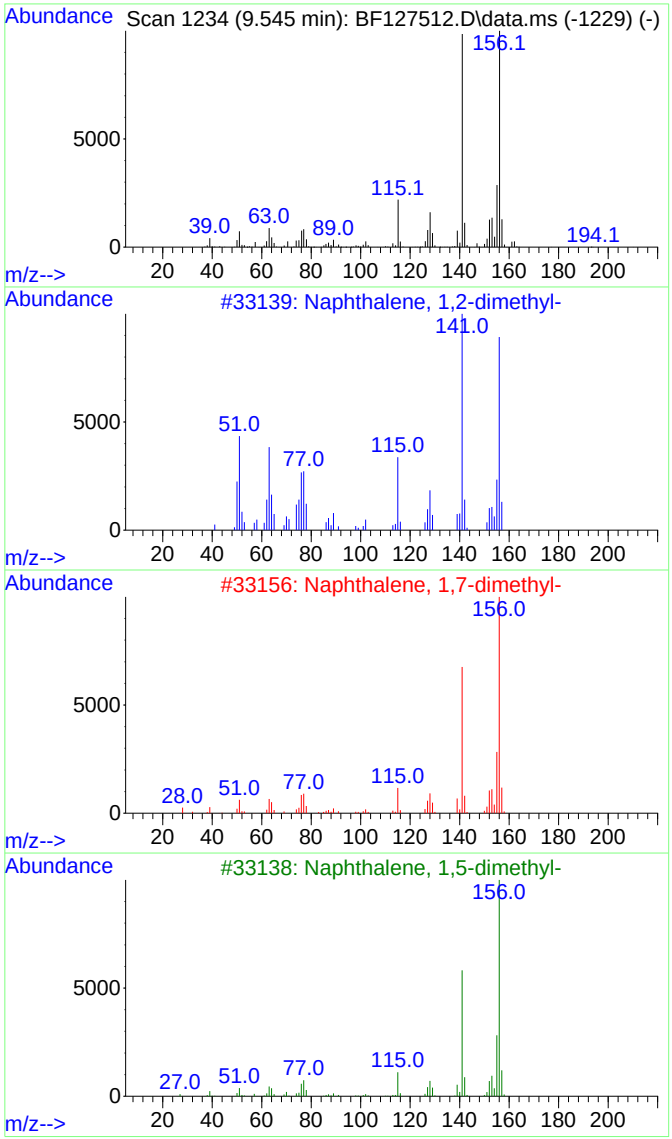
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

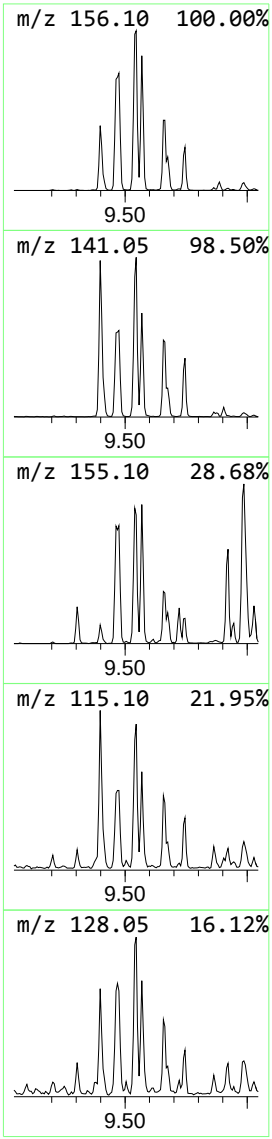
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	29.23 ng	1110200	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

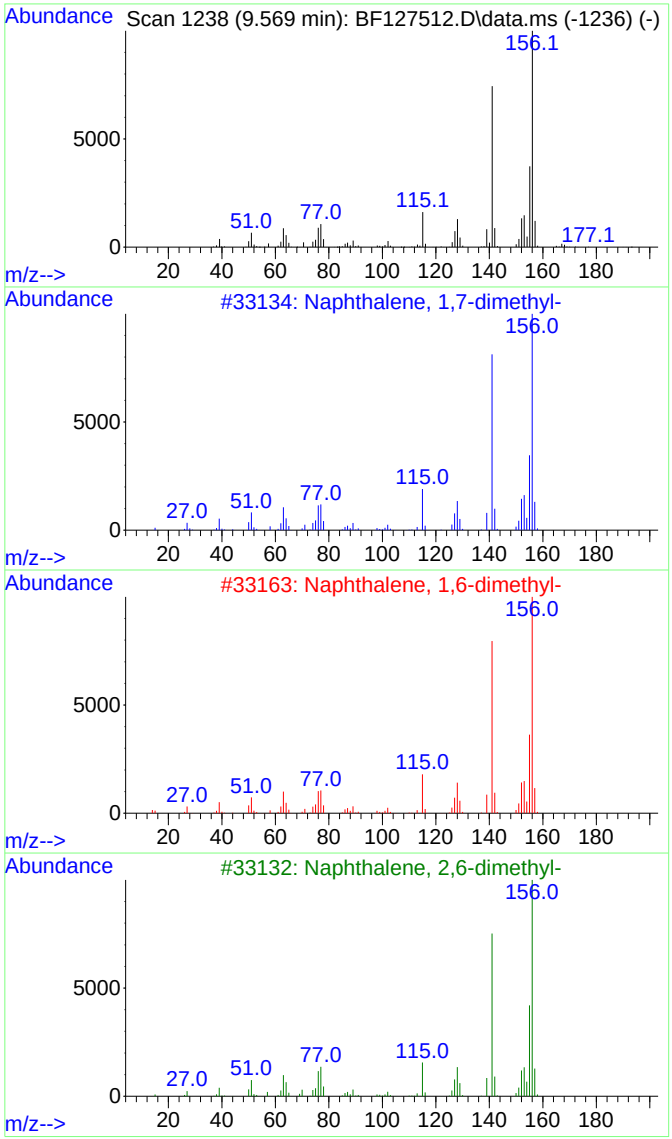
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

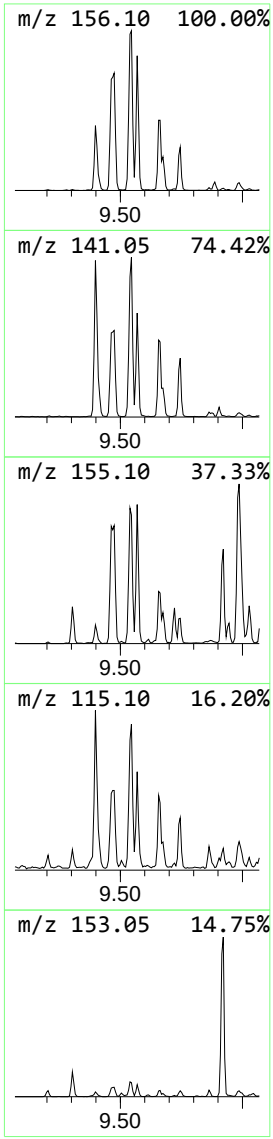
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	19.57 ng	743322	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

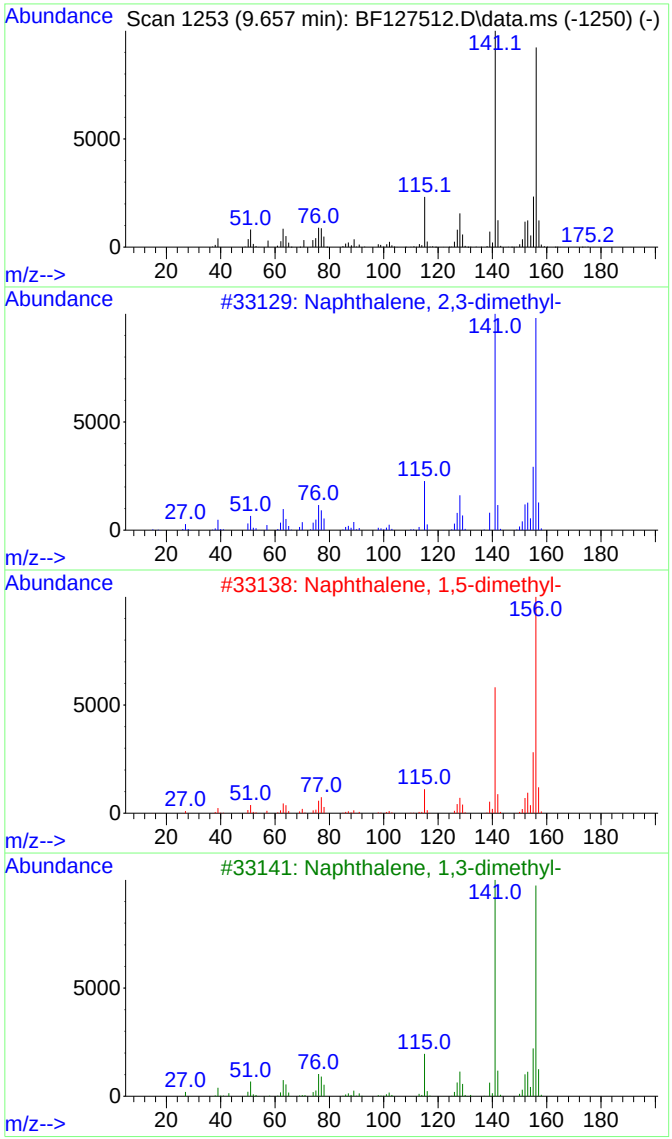
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

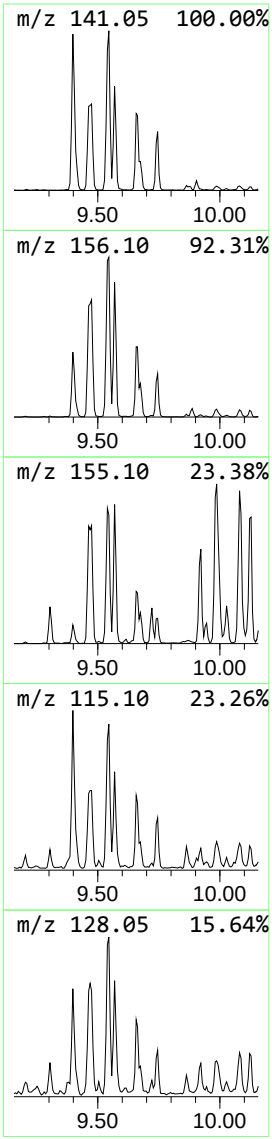
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	14.37 ng	545932	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
RW-1-20220321-19.0-20.0

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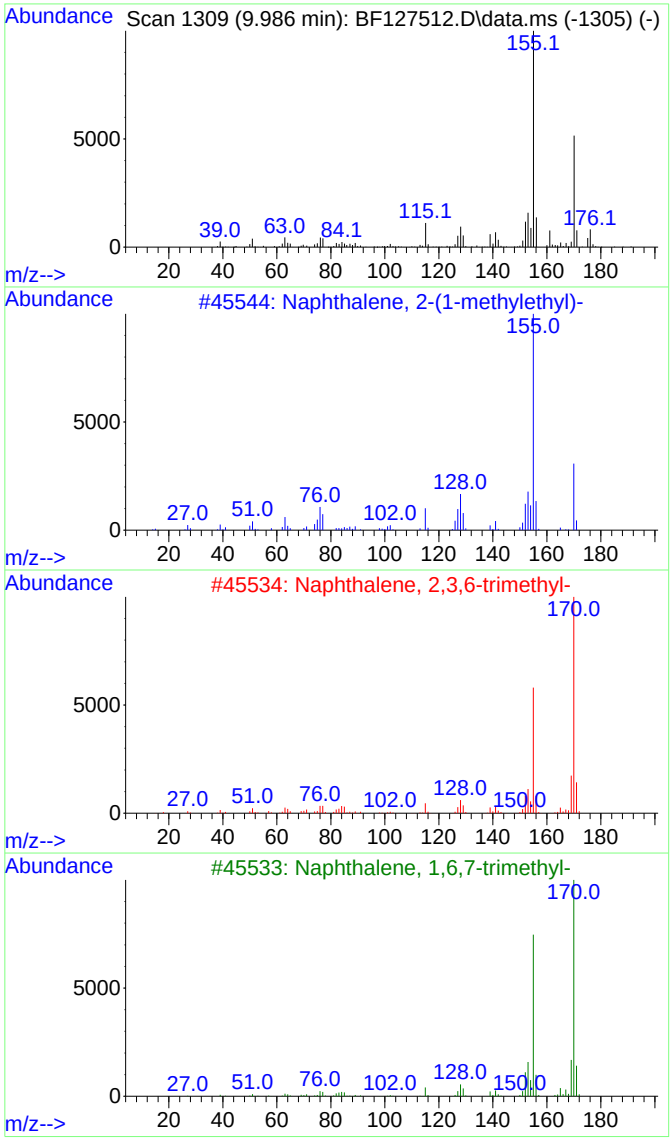
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

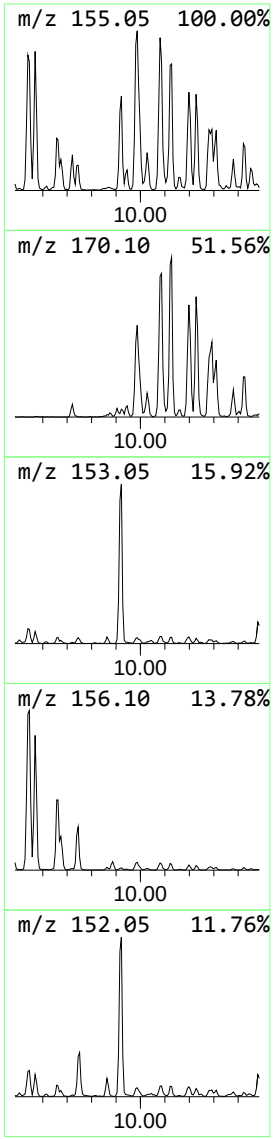
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.986	10.08 ng	382988	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80





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Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

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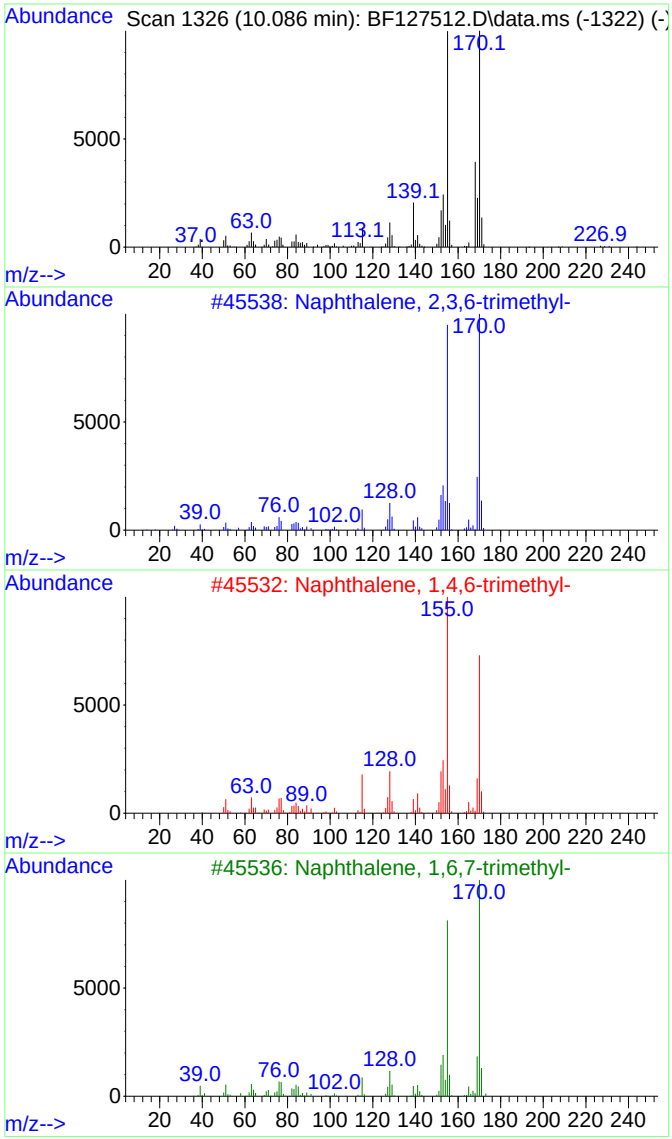
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

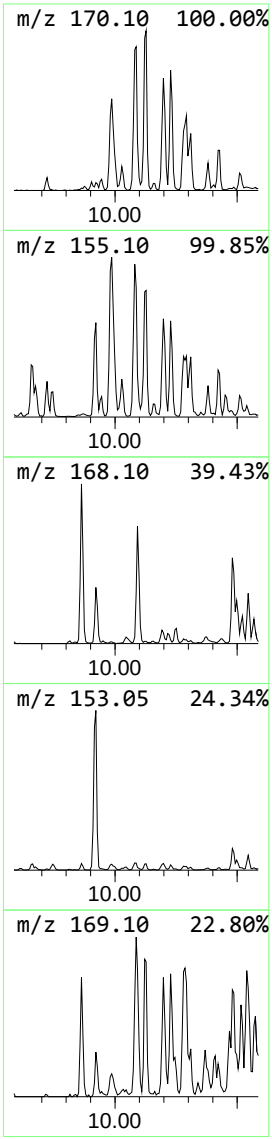
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.086	11.28 ng	428563	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76





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Acq On : 24 Mar 2022 19:47
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Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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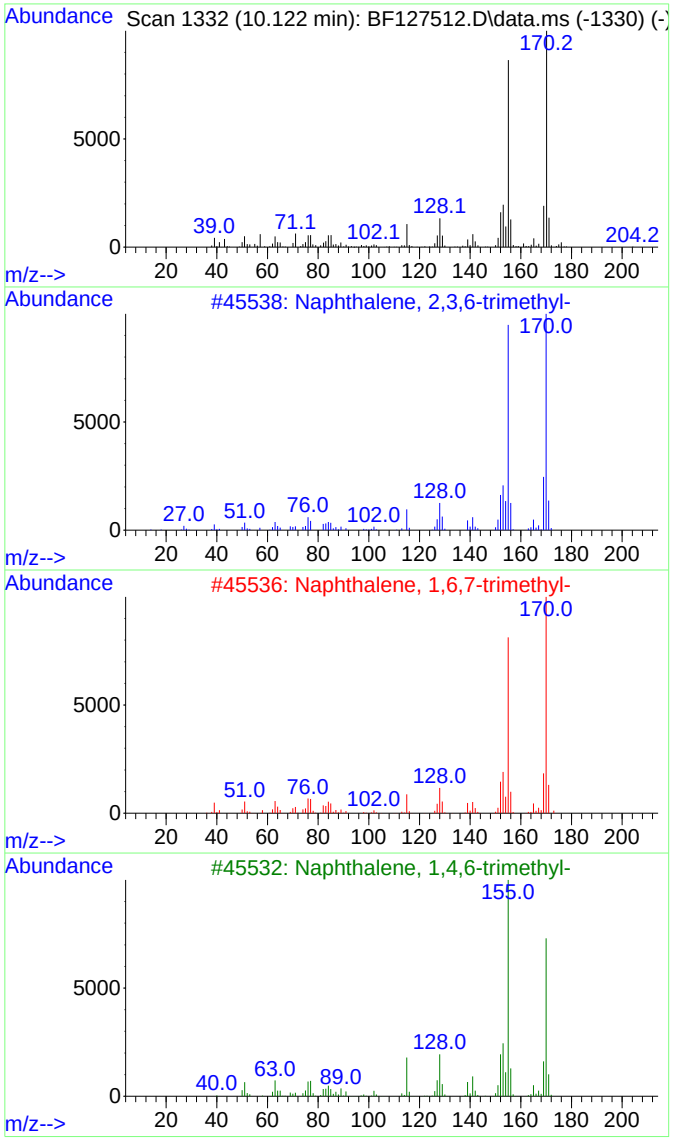
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

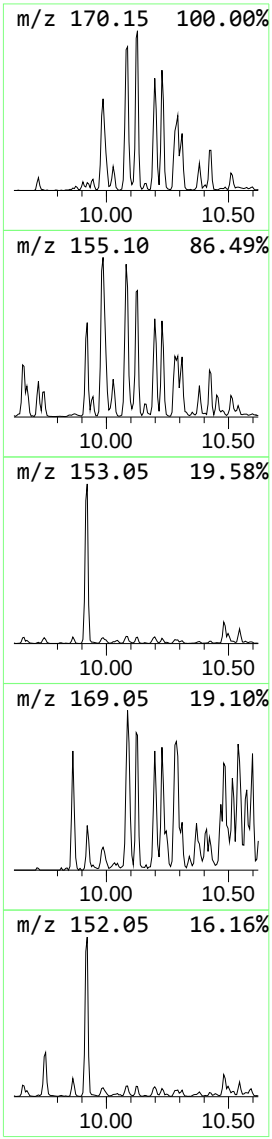
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	7.42 ng	281728	Acenaphthene-d10	9.886

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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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

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

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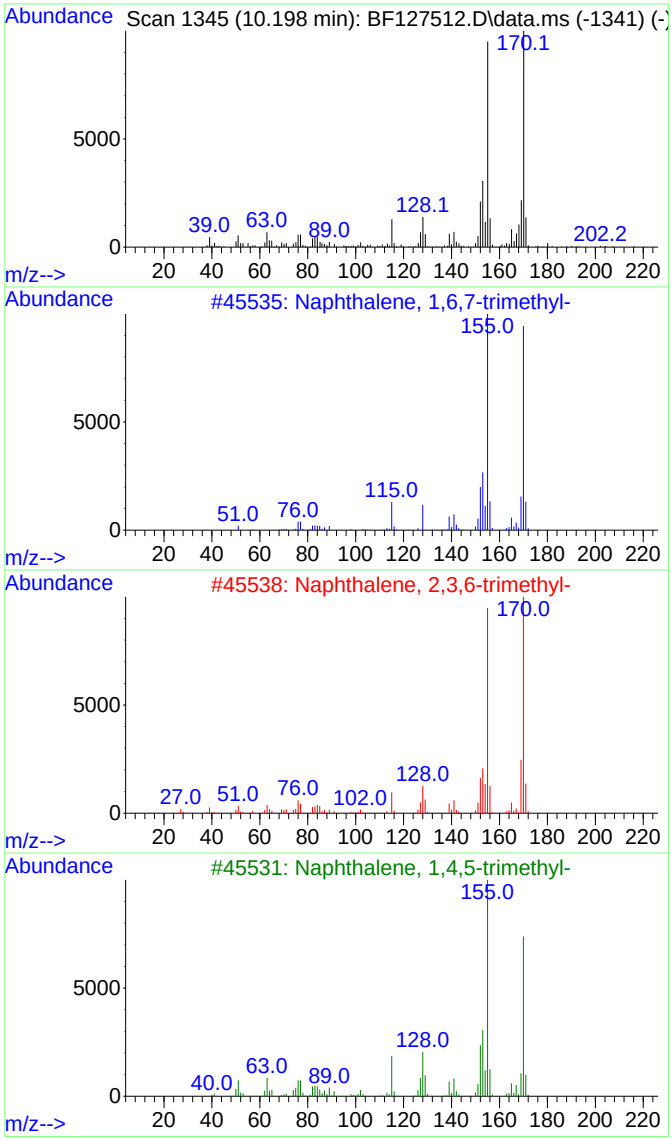
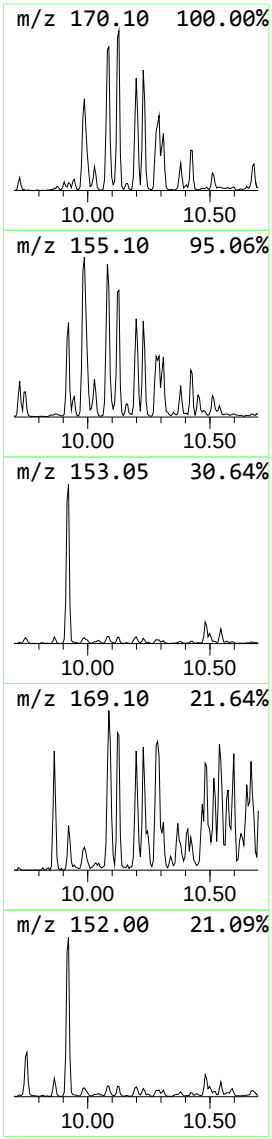
Peak Number 10 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	7.33 ng	278243	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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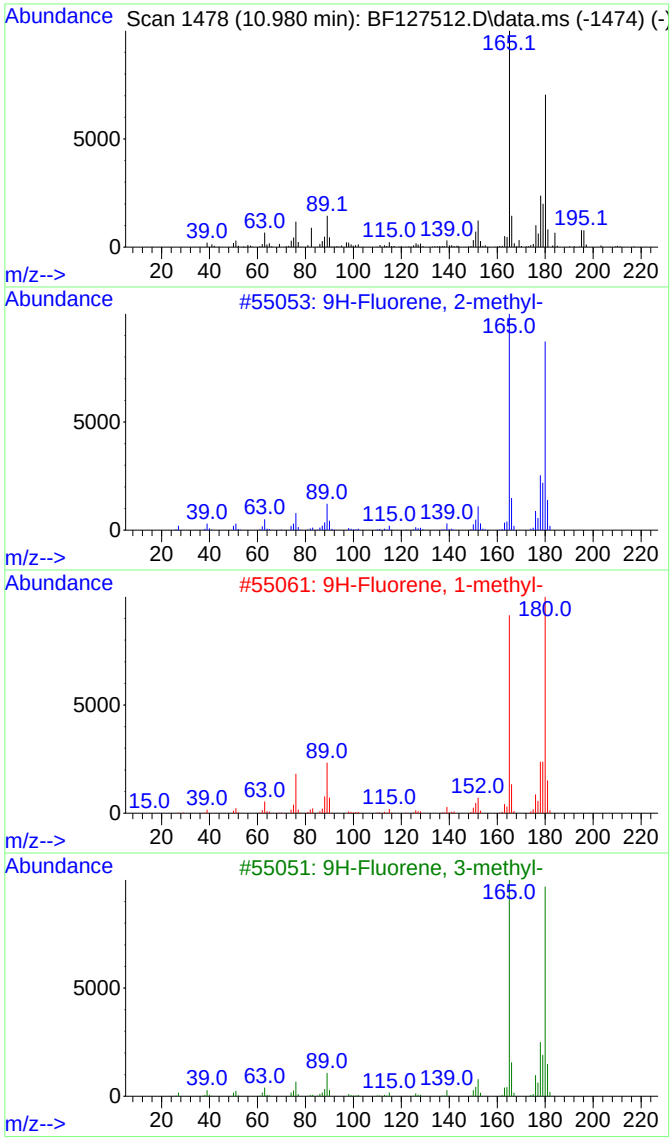
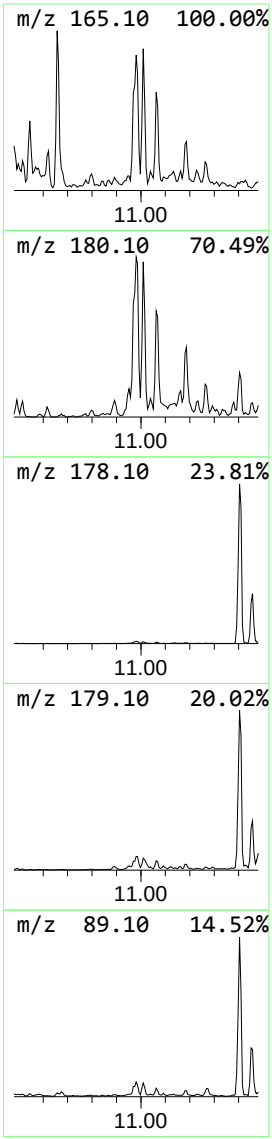
Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	8.68 ng	302139	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72





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Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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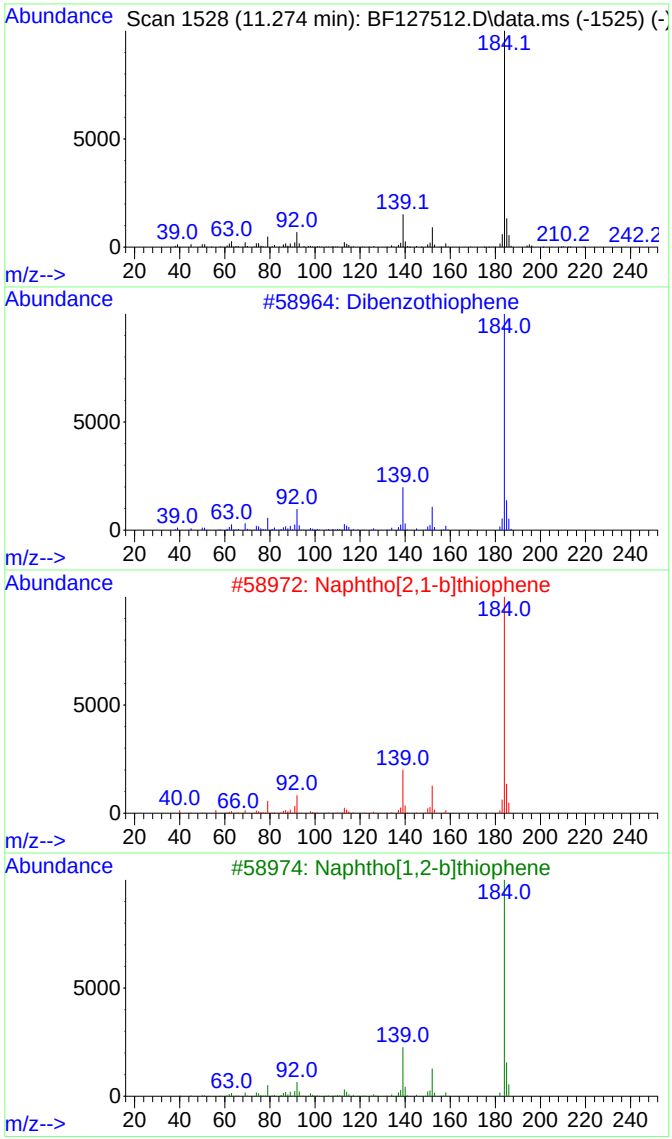
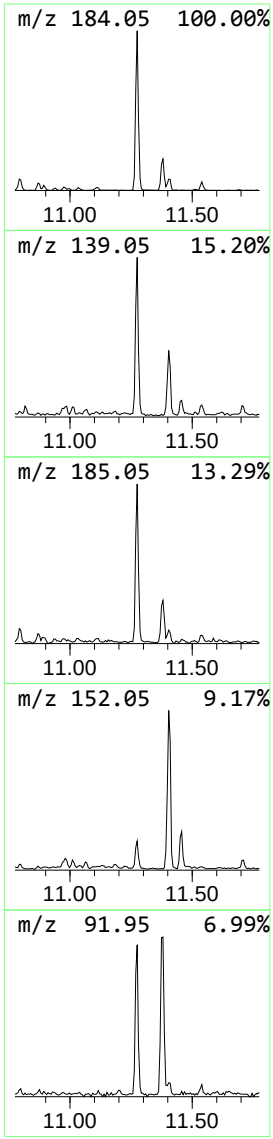
Peak Number 12 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	12.30 ng	427896	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80





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Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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RW-1-20220321-19.0-20.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

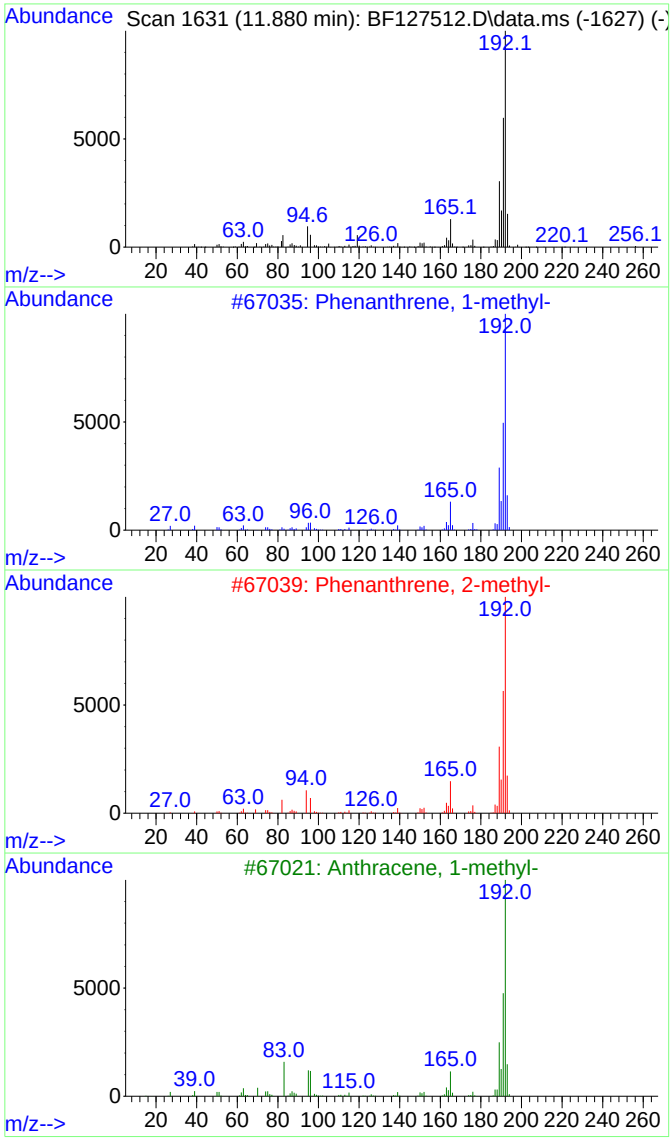
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

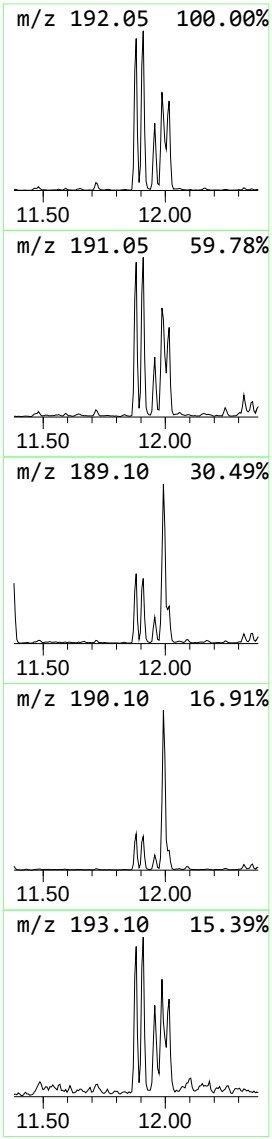
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	15.71 ng	546495	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

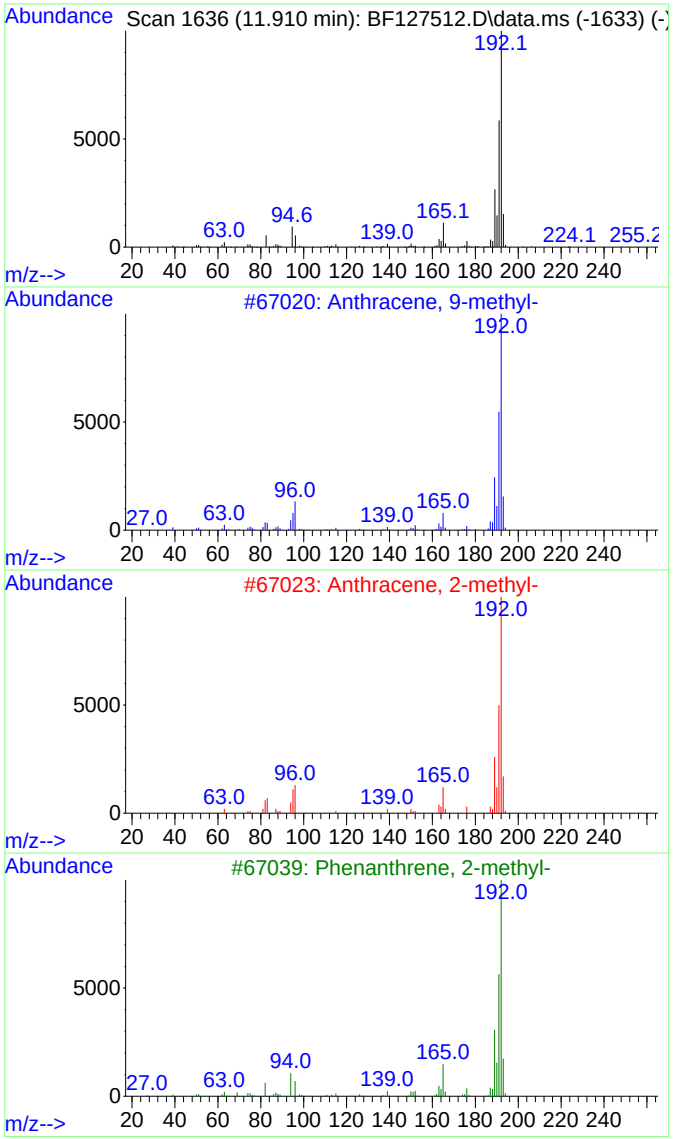
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

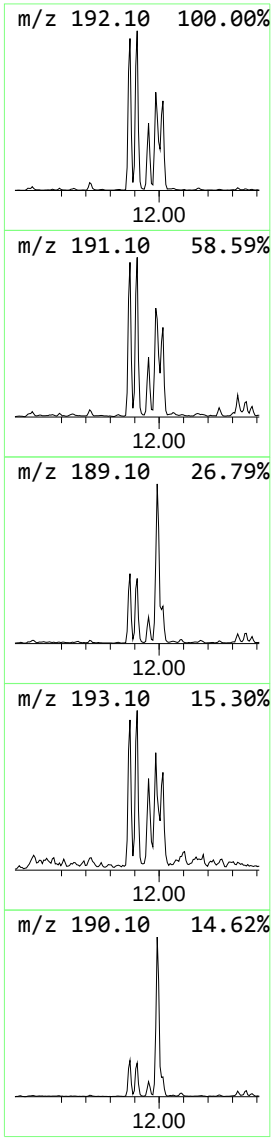
****

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	14.87 ng	517296	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Acq On : 24 Mar 2022 19:47
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Sample : N2061-02
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RW-1-20220321-19.0-20.0

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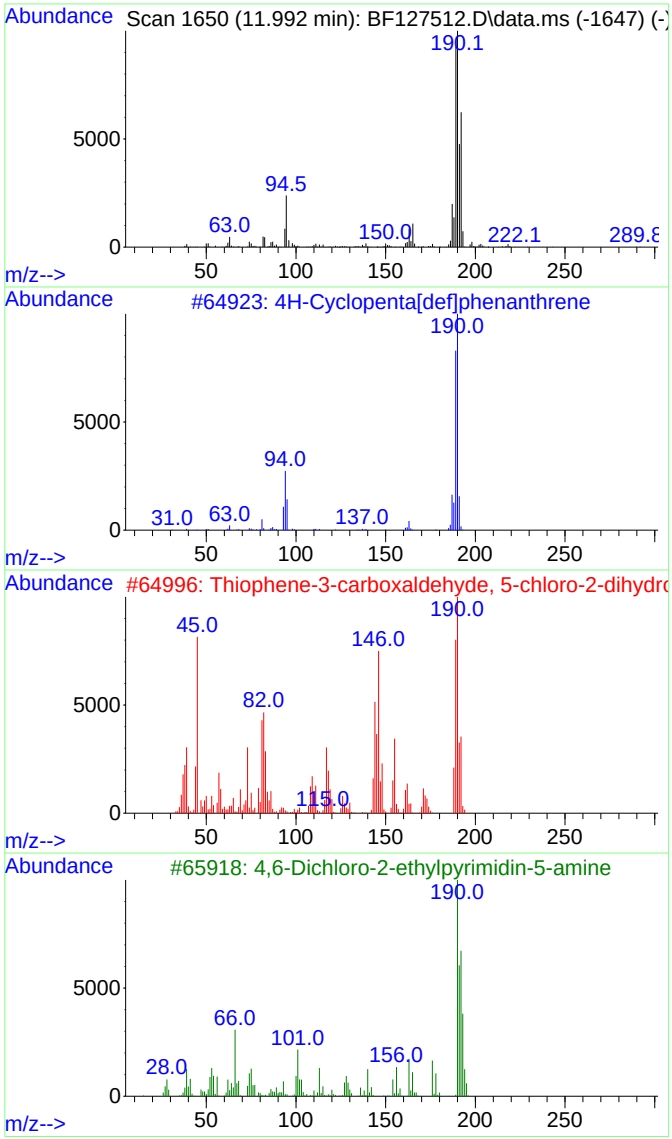
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

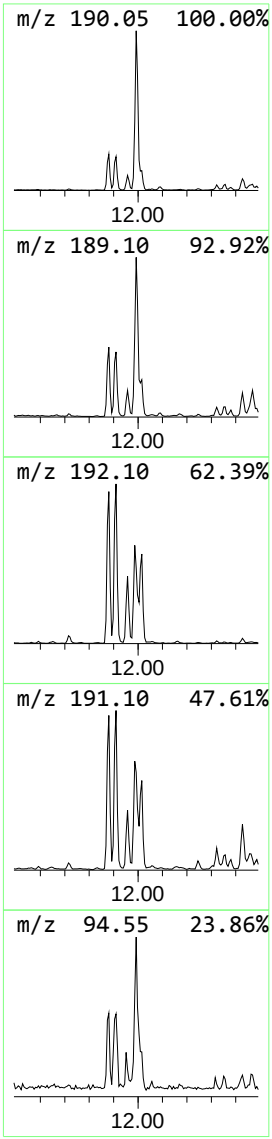
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	19.83 ng	689961	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





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Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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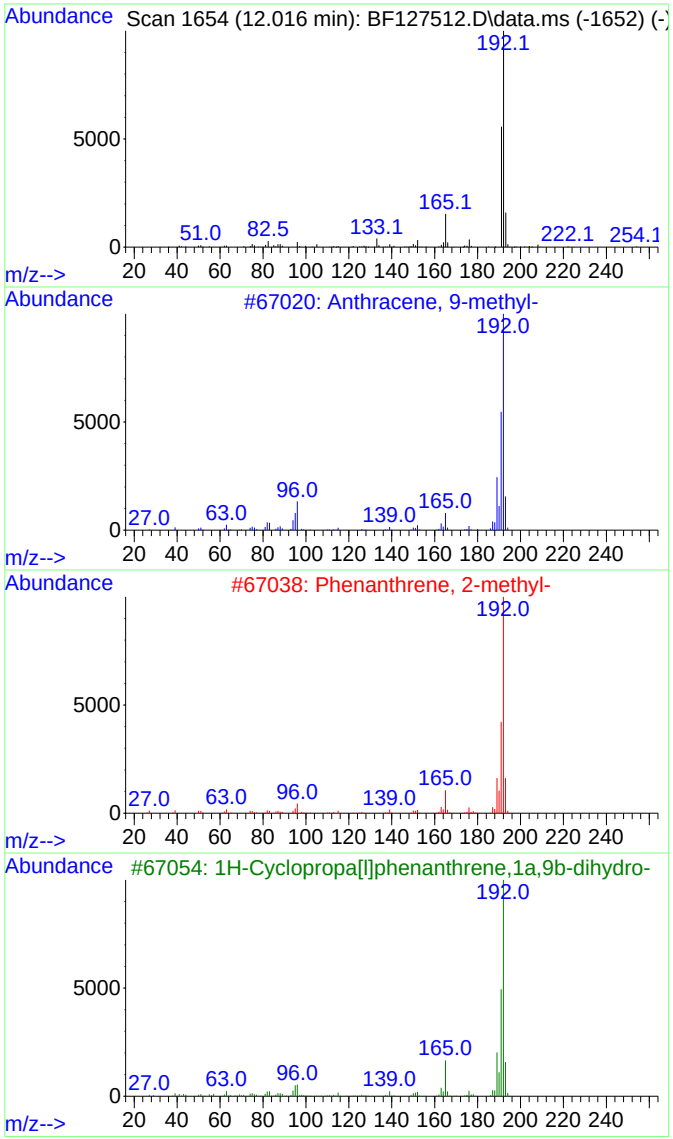
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

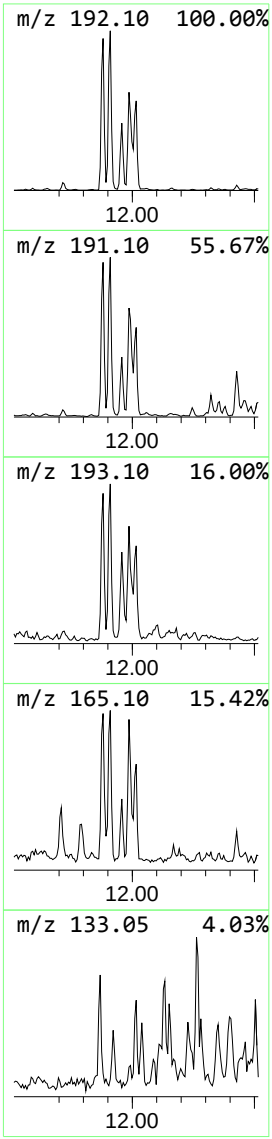
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	7.00 ng	243707	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





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Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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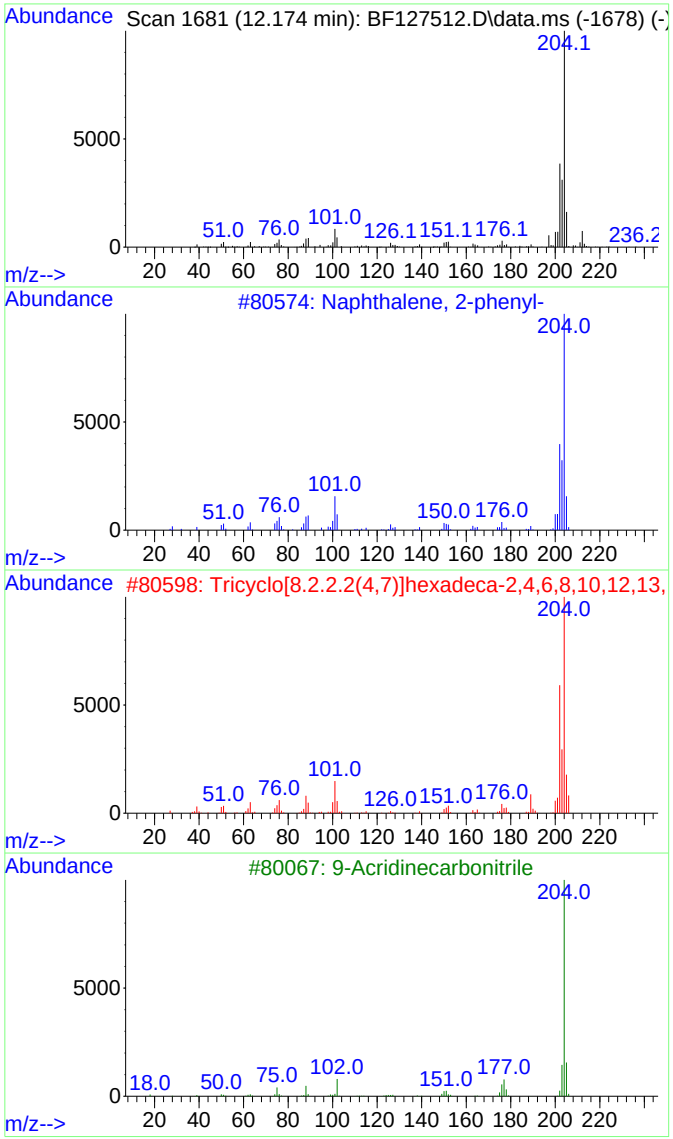
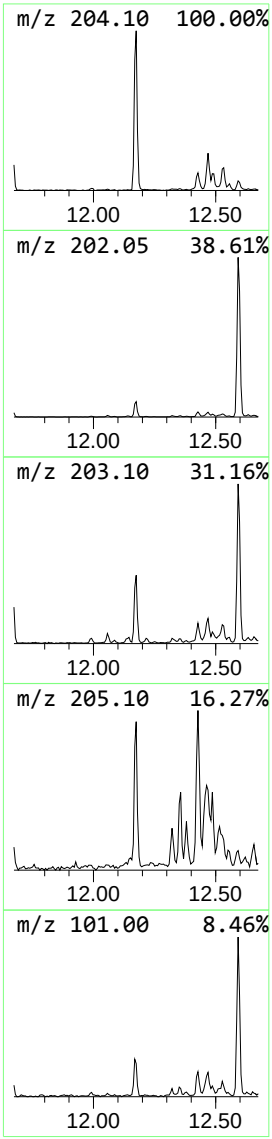
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	7.76 ng	269847	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	47





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Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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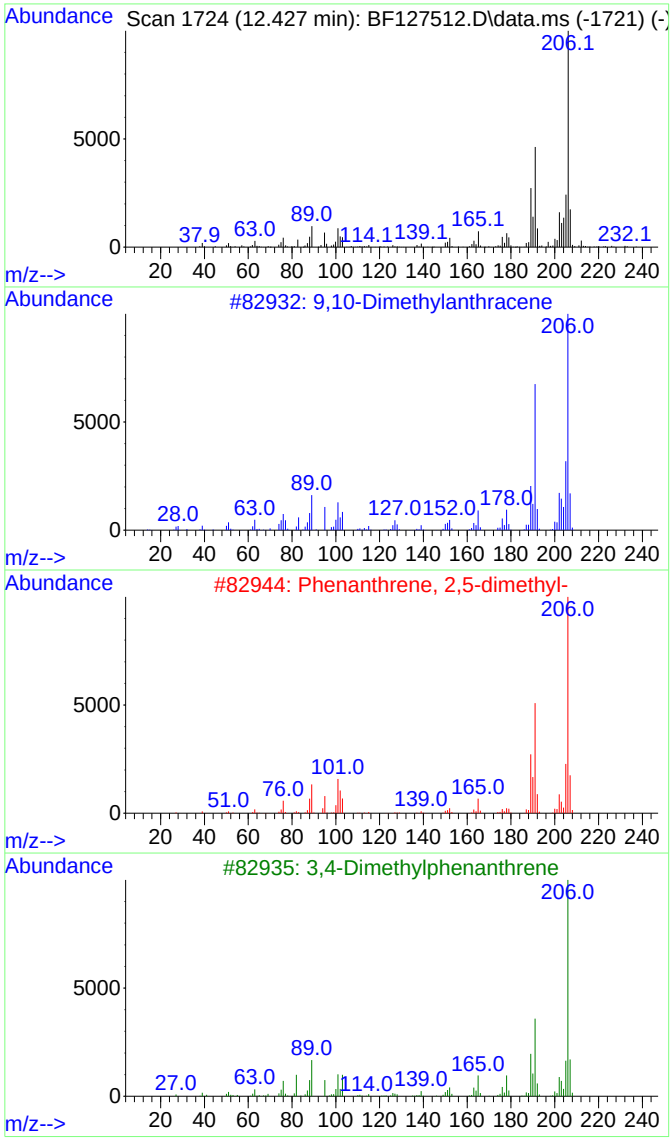
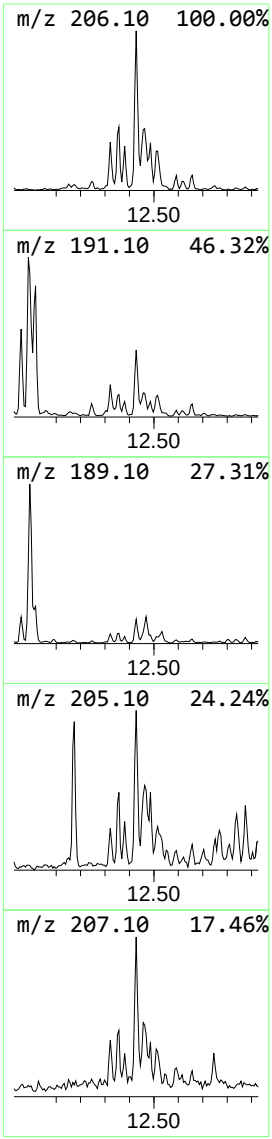
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	7.24 ng	251973	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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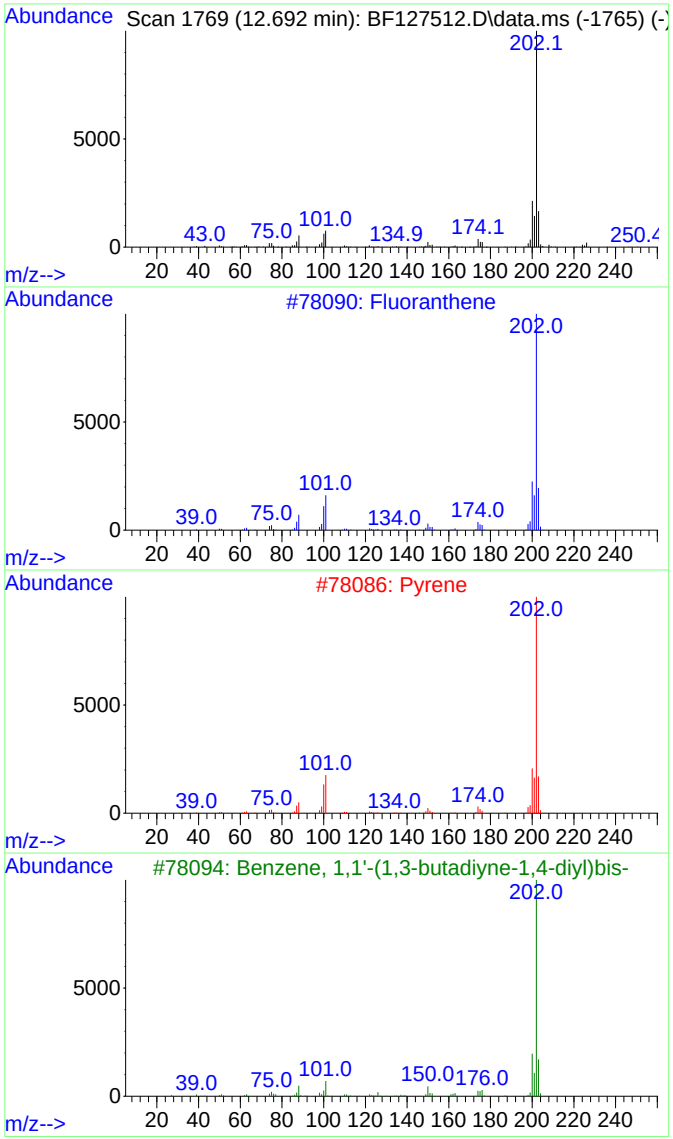
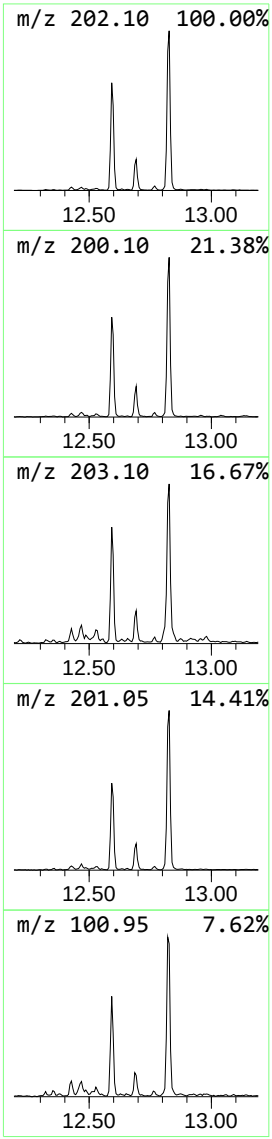
Peak Number 19 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	7.75 ng	269724	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	94
2	Pyrene	202	C16H10	000129-00-0	89
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	3(2H)-Pyridazinone, 6-(4-methoxy...	202	C11H10N2O2	002166-33-8	53
5	Furan-2-one, 2,5-dihydro-5-(4-me...	202	C12H10O3	024962-84-3	38





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Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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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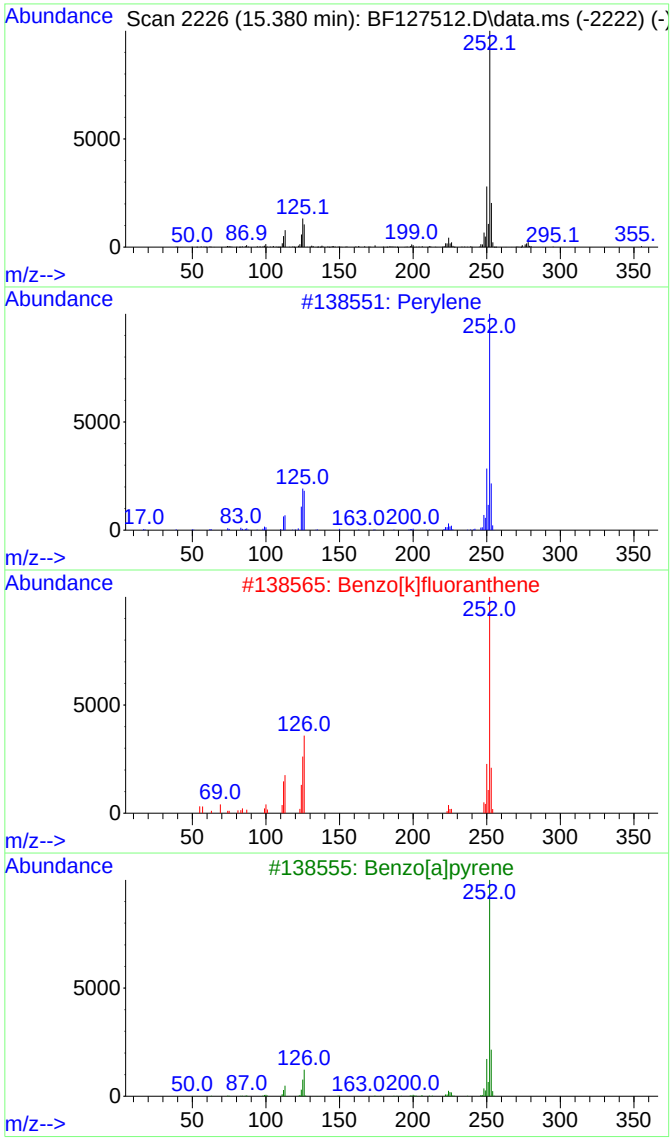
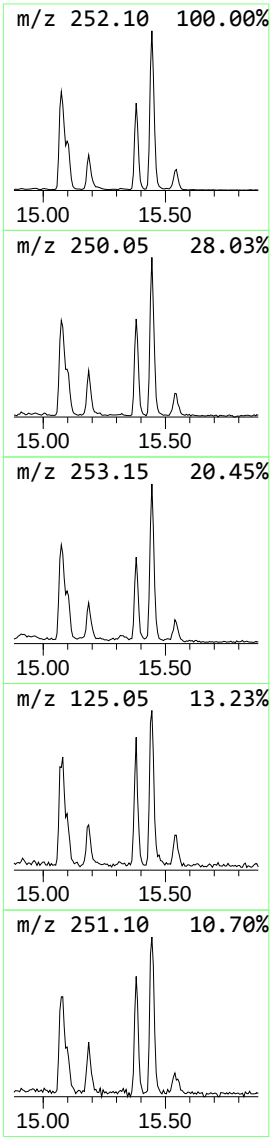
Peak Number 20 Perylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	7.92 ng	211973	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127512.D
Acq On : 24 Mar 2022 19:47
Operator : CG\JU
Sample : N2061-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW-1-20220321-19.0-20.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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
Indane	7.022	14.0	ng	445462	1	6.845	638332	20.0
Naphthalene, 1-...	9.398	16.5	ng	626128	3	9.886	759697	20.0
Naphthalene, 1,...	9.469	28.7	ng	1089690	3	9.886	759697	20.0
Naphthalene, 1,...	9.545	29.2	ng	1110200	3	9.886	759697	20.0
Naphthalene, 1,...	9.569	19.6	ng	743322	3	9.886	759697	20.0
Naphthalene, 2,...	9.657	14.4	ng	545932	3	9.886	759697	20.0
Naphthalene, 2-...	9.986	10.1	ng	382988	3	9.886	759697	20.0
Naphthalene, 2,...	10.086	11.3	ng	428563	3	9.886	759697	20.0
Naphthalene, 1,...	10.122	7.4	ng	281728	3	9.886	759697	20.0
Naphthalene, 1,...	10.198	7.3	ng	278243	3	9.886	759697	20.0
9H-Fluorene, 2-...	10.980	8.7	ng	302139	4	11.380	695875	20.0
Dibenzothiophene	11.275	12.3	ng	427896	4	11.380	695875	20.0
Phenanthrene, 1...	11.880	15.7	ng	546495	4	11.380	695875	20.0
Anthracene, 9-m...	11.910	14.9	ng	517296	4	11.380	695875	20.0
4H-Cyclopenta[d...	11.992	19.8	ng	689961	4	11.380	695875	20.0
Phenanthrene, 2...	12.016	7.0	ng	243707	4	11.380	695875	20.0
Naphthalene, 2-...	12.174	7.8	ng	269847	4	11.380	695875	20.0
9,10-Dimethylan...	12.427	7.2	ng	251973	4	11.380	695875	20.0
Benzene, 1,1'-(...	12.692	7.8	ng	269724	4	11.380	695875	20.0
Perylene	15.380	7.9	ng	211973	6	15.504	535474	20.0