LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-19

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134724.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.798	797	801	804	rBV	1284374	1014755	8.36%	0.717%
2	8.080	1013	1019	1020	rBV	1476869	1414997	11.66%	1.000%
3	8.104	1020	1023	1026	rVV	4366894	3810245	31.39%	2.693%
4	8.792	1136	1140	1143	rBV	2087631	1637704	13.49%	1.158%
5	8.892	1152	1157	1160	rBV	1236802	1128343	9.29%	0.797%
6	9.151	1198	1201	1207	rVB	448418	347257	2.86%	0.245%
7	9.251	1211	1218	1224	rBV	516839	512846	4.22%	0.362%
8	9.351	1232	1235	1240	rVB	347371	354307	2.92%	0.250%
9	9.422	1240	1247	1250	rBV	494164	711100	5.86%	0.503%
10	9.492	1254	1259	1261	rVV	928949	859705	7.08%	0.608%
11	9.516	1261	1263	1268	rVB	582435	491335	4.05%	0.347%
12	9.610	1273	1279	1281	rBV	463957	441969	3.64%	0.312%
13	9.692	1291	1293	1297	rVB	548364	406915	3.35%	0.288%
14	9.833	1311	1317	1320	rBV2	1605024	1558808	12.84%	1.102%
15	9.869	1320	1323	1326	rVV	3152999	2622573	21.60%	1.854%
16	9.992	1339	1344	1346	rVV2	382468	384440	3.17%	0.272%
17	10.039	1348	1352	1355	rVV	2417032	2051943	16.90%	1.450%
18	10.239	1382	1386	1388	rBV	232055	292150	2.41%	0.206%
19	10.386	1407	1411	1416	rVV	2987089	2827817	23.29%	1.999%
20	10.433	1416	1419	1420	rVV	310438	322539	2.66%	0.228%
21	10.445	1420	1421	1423	rVV	497953	386618	3.18%	0.273%
22	10.469	1423	1425	1427	rVV	584687	462496	3.81%	0.327%
23	10.516	1431	1433	1435	rVV2	330052	324676	2.67%	0.229%
24	10.539	1435	1437	1442	rVB	770435	640461	5.28%	0.453%
25	10.622	1447	1451	1455	rVV	880151	1048242	8.63%	0.741%
26	10.745	1467	1472	1479	rVB4	236594	332362	2.74%	0.235%
27	10.933	1497	1504	1506	rBV3	618812	918731	7.57%	0.649%
28	10.957	1506	1508	1511	rVV2	441610	417046	3.44%	0.295%
29	11.016	1515	1518	1521	rVV	310300	295046	2.43%	0.209%
30	11.080	1527	1529	1531	rVV2	371696	342628	2.82%	0.242%
31	11.127	1534	1537	1541	rVV	730527	658726	5.43%	0.466%
32	11.180	1541	1546	1550	rVV2	447740	707727	5.83%	0.500%
33	11.221	1550	1553	1559	rVB	1282296	1190139	9.80%	0.841%
34	11.369	1565	1578	1580	rBV	7206969	12139674	100.00%	8.580%
35	11.410	1580	1585	1587	rVV	3959626	3738910	30.80%	2.643%
36	11.433	1587	1589	1592	rVV	495437	466327	3.84%	0.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.539	1603	1607	1608	rBV	311875	309456	2.55%	0.219%
38	11.557	1608	1610	1613	rVV	1827981	1537289	12.66%	1.087%
39	11.621	1619	1621	1624	rVV2	430038	347012	2.86%	0.245%
40	11.657	1624	1627	1632	rVB3	414258	390850	3.22%	0.276%
41	11.827	1651	1656	1659	rBV	1973861	2052206	16.90%	1.450%
42	11.857	1659	1661	1665	rVB	2608652	2315553	19.07%	1.637%
43	11.904	1665	1669	1672	rBV	1067863	950610	7.83%	0.672%
44	11.945	1672	1676	1678	rVV	2886620	3305327	27.23%	2.336%
45	11.963	1678	1679	1683	rVB	1589249	1066382	8.78%	0.754%
46	12.127	1704	1707	1709	rVV	1421433	1226259	10.10%	0.867%
47	12.151	1709	1711	1715	rVB	988078	861132	7.09%	0.609%
48	12.274	1726	1732	1735	rBV	529585	616832	5.08%	0.436%
49	12.304	1735	1737	1739	rVV	420444	301573	2.48%	0.213%
50	12.327	1739	1741	1744	rVB	362358	309207	2.55%	0.219%
51	12.380	1746	1750	1753	rBV	1028591	1197334	9.86%	0.846%
52	12.416	1753	1756	1759	rVV2	635912	891629	7.34%	0.630%
53	12.468	1762	1765	1770	rBV2	643675	887832	7.31%	0.628%
54	12.557	1774	1780	1783	rBV	6744730	9988931	82.28%	7.060%
55	12.604	1783	1788	1792	rBV2	305801	491876	4.05%	0.348%
56	12.692	1797	1803	1805	rBV2	685084	898172	7.40%	0.635%
57	12.786	1812	1819	1823	rBV3	6374155	11267343	92.81%	7.964%
58	12.821	1823	1825	1830	rVB2	663954	742942	6.12%	0.525%
59	12.892	1830	1837	1839	rBV	799744	830244	6.84%	0.587%
60	12.927	1839	1843	1848	rVB2	779006	1068590	8.80%	0.755%
61	12.992	1848	1854	1857	rBV3	941232	1529312	12.60%	1.081%
62	13.074	1865	1868	1870	rVV2	639323	773241	6.37%	0.547%
63	13.104	1870	1873	1876	rVB	1974758	1836283	15.13%	1.298%
64	13.168	1880	1884	1887	rBV	1446572	1289277	10.62%	0.911%
65	13.204	1887	1890	1893	rVV2	1282025	1342572	11.06%	0.949%
66	13.233	1893	1895	1898	rVB	365343	313044	2.58%	0.221%
67	13.298	1903	1906	1909	rBV	843788	665752	5.48%	0.471%
68	13.327	1909	1911	1915	rBV	867353	751629	6.19%	0.531%
69	13.410	1921	1925	1929	rVB5	166321	284160	2.34%	0.201%
70	13.504	1934	1941	1943	rBV6	348428	619789	5.11%	0.438%
71	13.610	1956	1959	1964	rVB	753190	846449	6.97%	0.598%
72	13.721	1973	1978	1981	rBV2	1049702	1274761	10.50%	0.901%
73	13.751	1981	1983	1985	rBV	898901	647532	5.33%	0.458%
74	13.774	1985	1987	1988	rBV	587228	399681	3.29%	0.282%
75	13.821	1993	1995	1999	rVB	814014	710732	5.85%	0.502%
76	13.892	2002	2007	2010	rBV	274989	371536	3.06%	0.263%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.974	2013	2021	2024	rBV2	4488328	7053523	58.10%	4.985%
78	14.010	2024	2027	2034	rVB	4419339	4717119	38.86%	3.334%
79	14.080	2034	2039	2045	rBV2	822552	985578	8.12%	0.697%
80	14.204	2056	2060	2063	rVV2	478243	580026	4.78%	0.410%
81	14.362	2083	2087	2090	rVV	1031078	1022893	8.43%	0.723%
82	14.398	2090	2093	2096	rVB	604498	549220	4.52%	0.388%
83	14.457	2096	2103	2106	rBV3	561167	769986	6.34%	0.544%
84	14.486	2106	2108	2110	rVV	500588	428444	3.53%	0.303%
85	14.509	2110	2112	2115	rVB2	503073	428588	3.53%	0.303%
86	14.562	2119	2121	2126	rVB	311852	295478	2.43%	0.209%
87	14.668	2135	2139	2142	rBV4	264269	364841	3.01%	0.258%
88	14.857	2164	2171	2174	rBV3	289614	497068	4.09%	0.351%
89	15.027	2193	2200	2203	rBV	2791039	5191610	42.77%	3.669%
90	15.051	2203	2204	2207	rVB	1637724	910781	7.50%	0.644%
91	15.127	2214	2217	2220	rVB	665776	634629	5.23%	0.449%
92	15.327	2246	2251	2257	rVB	1709471	2338679	19.26%	1.653%
93	15.392	2257	2262	2267	rVB	2443864	3215868	26.49%	2.273%
94	15.451	2267	2272	2274	rBV	625884	830537	6.84%	0.587%
95	15.480	2274	2277	2284	rVB2	806662	1129720	9.31%	0.798%
96	16.756	2489	2494	2503	rVB4	151442	393143	3.24%	0.278%
97	16.945	2519	2526	2535	rVB2	956147	1973475	16.26%	1.395%
98	17.121	2551	2556	2561	rBV	170391	314127	2.59%	0.222%
99	17.398	2595	2603	2620	rVB	745362	1723872	14.20%	1.218%
100	17.627	2637	2642	2650	rBV	182703	364380	3.00%	0.258%

Sum of corrected areas: 141485473

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
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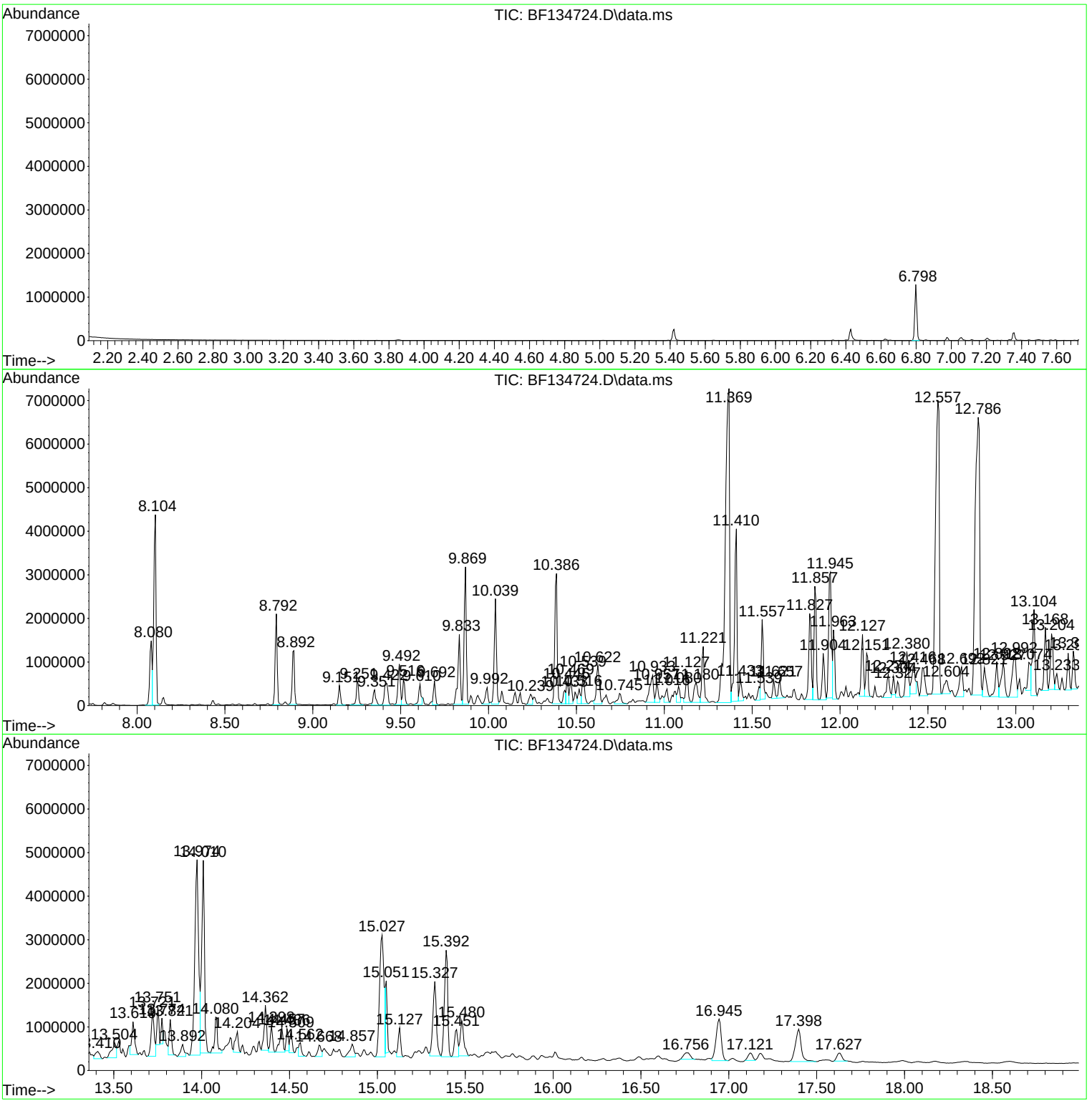
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

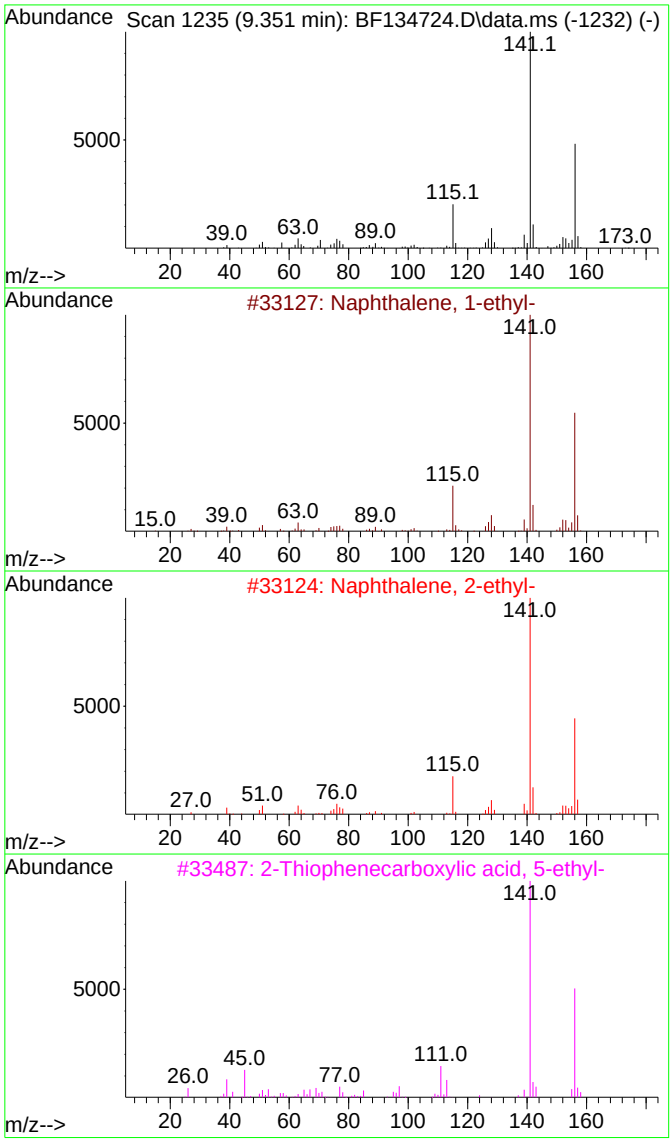
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

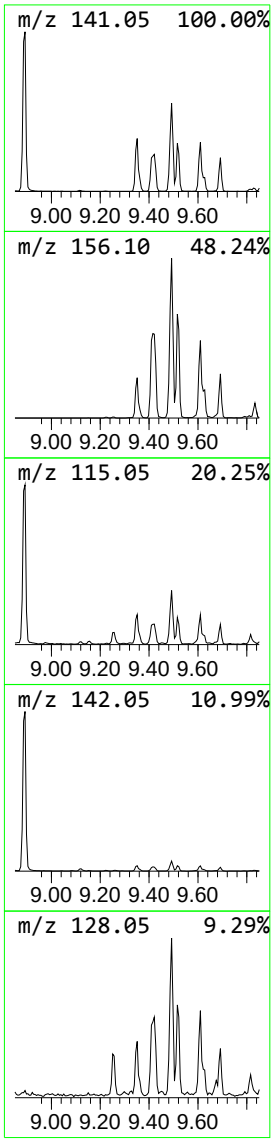
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	4.55 ng	354307	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	97
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

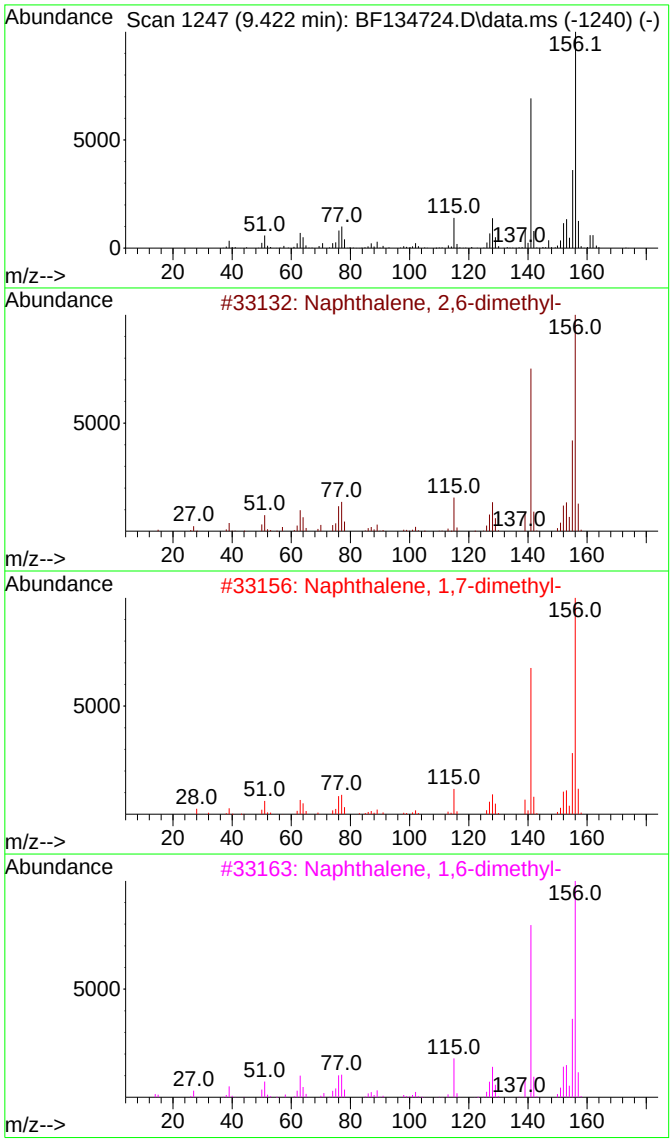
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

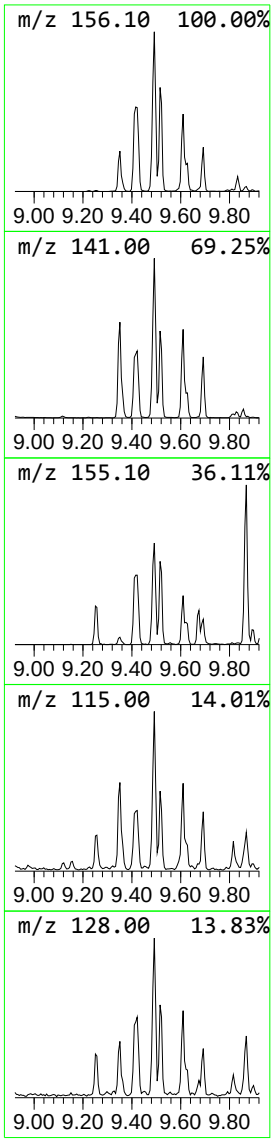
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	9.12 ng	711100	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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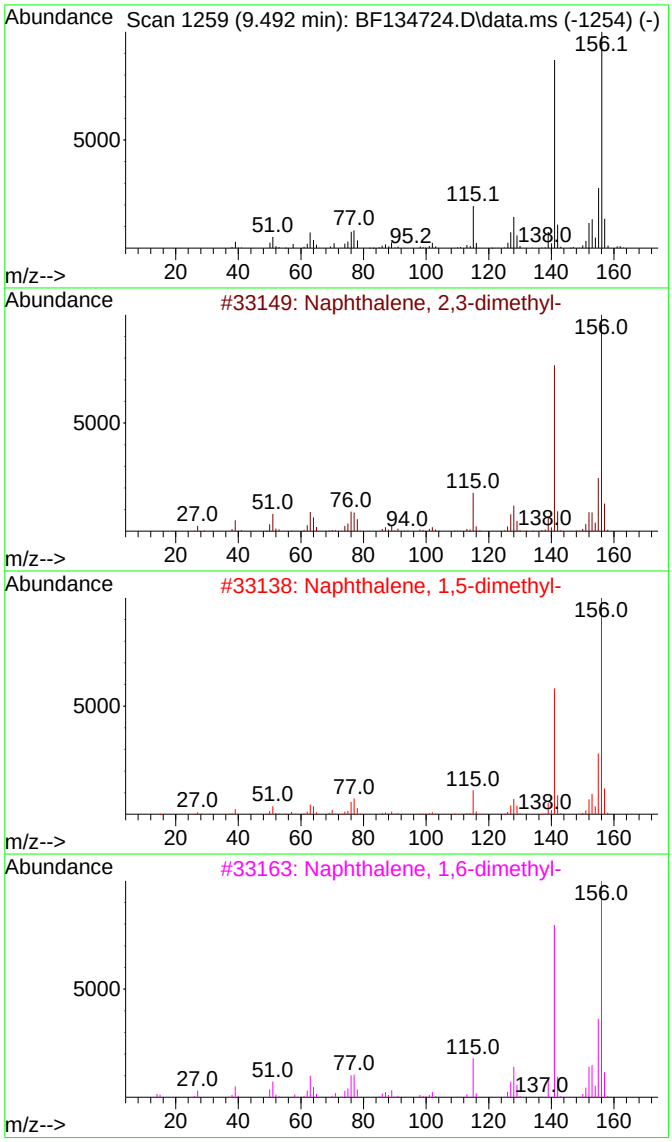
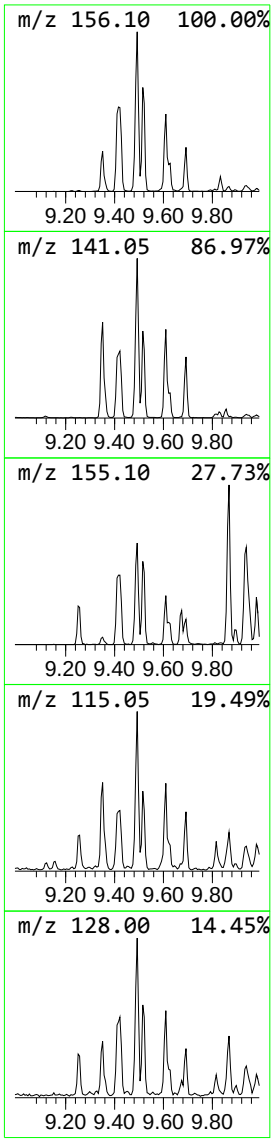
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	11.03 ng	859705	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

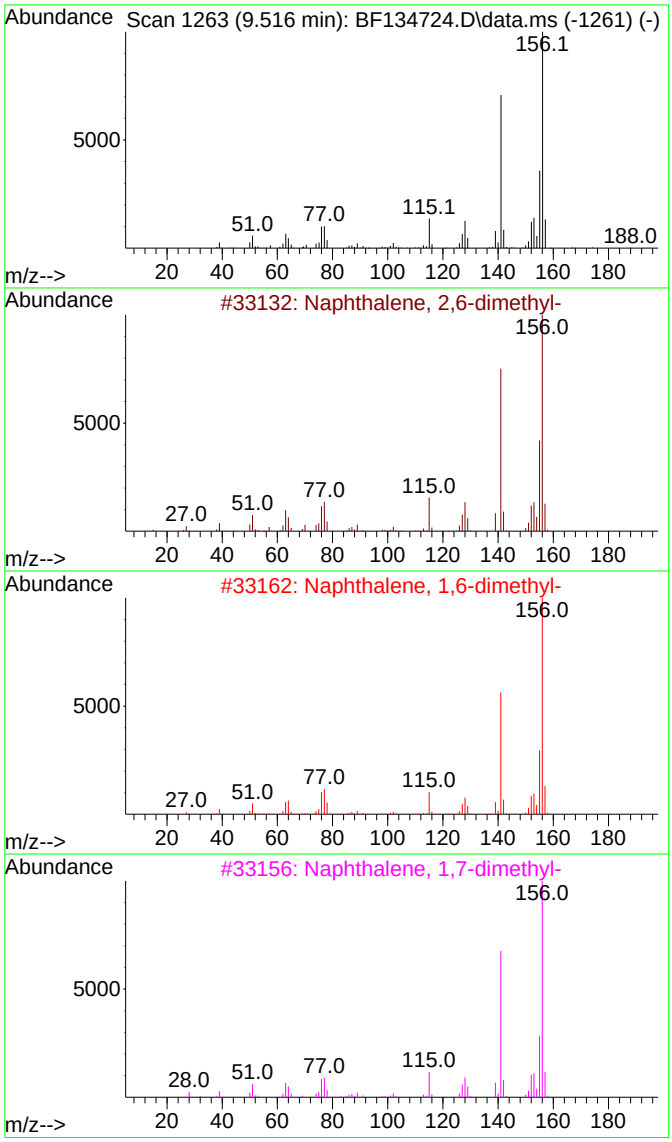
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

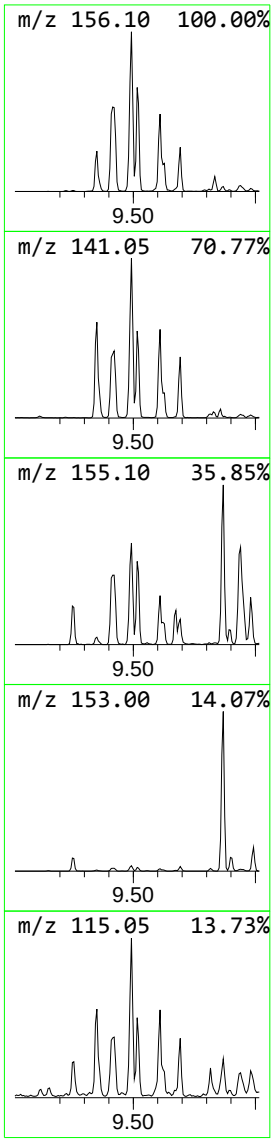
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	6.30 ng	491335	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

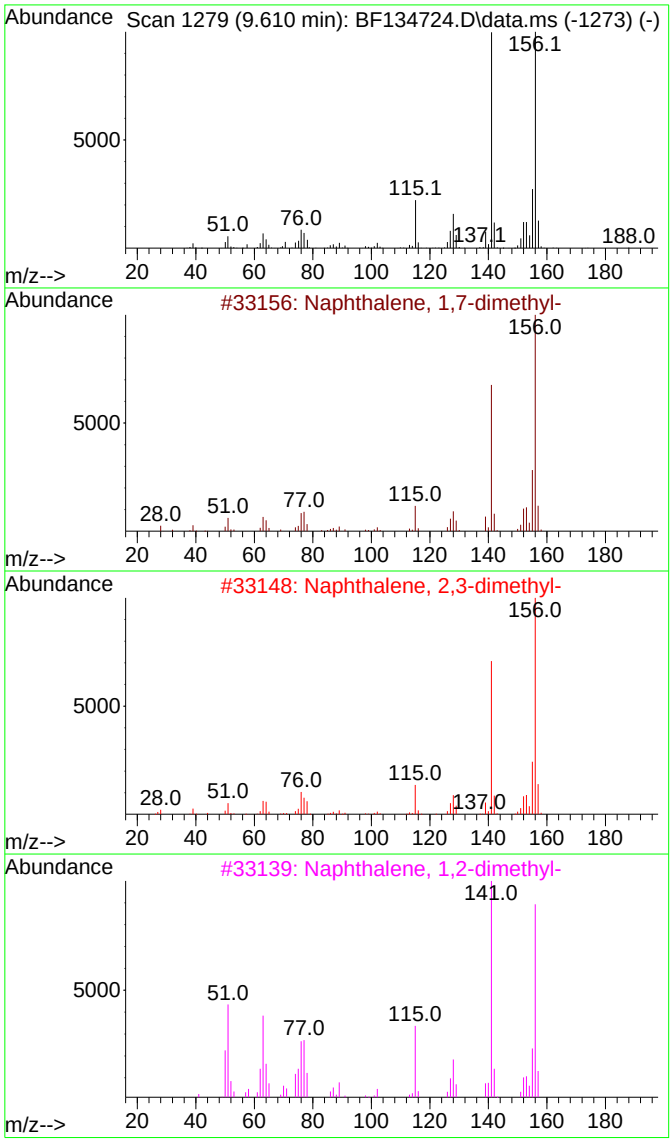
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

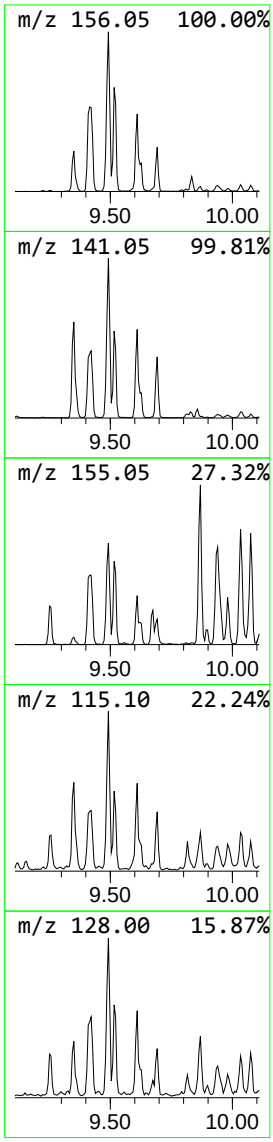
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	5.67 ng	441969	Acenaphthene-d10	9.833

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





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Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-19

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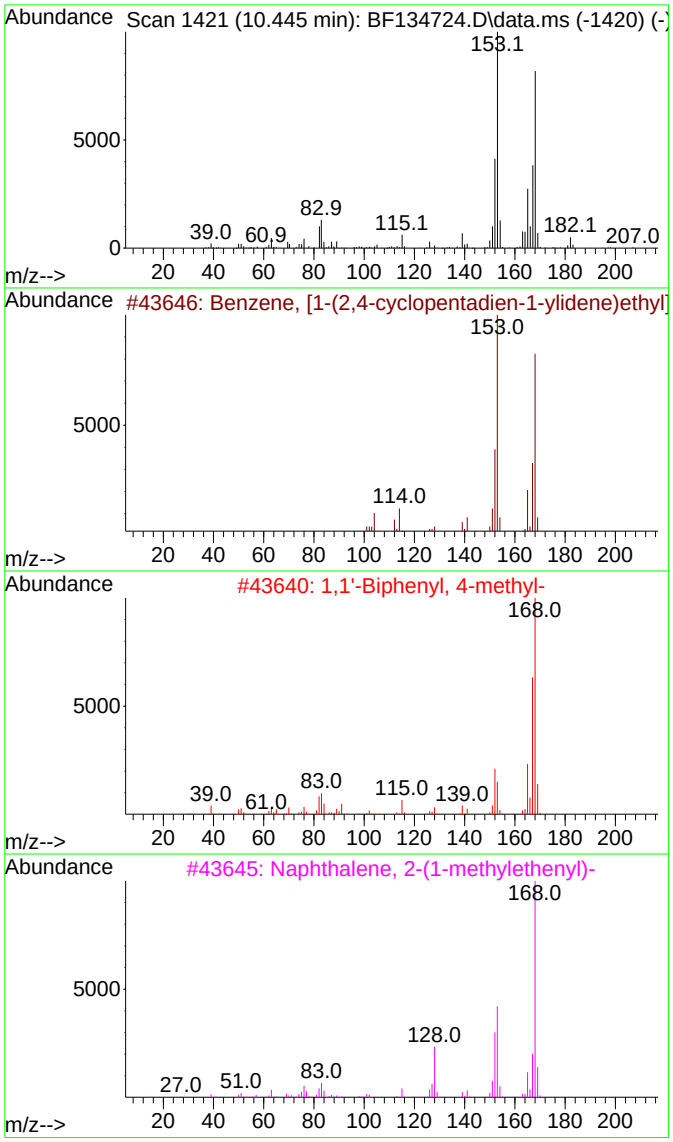
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

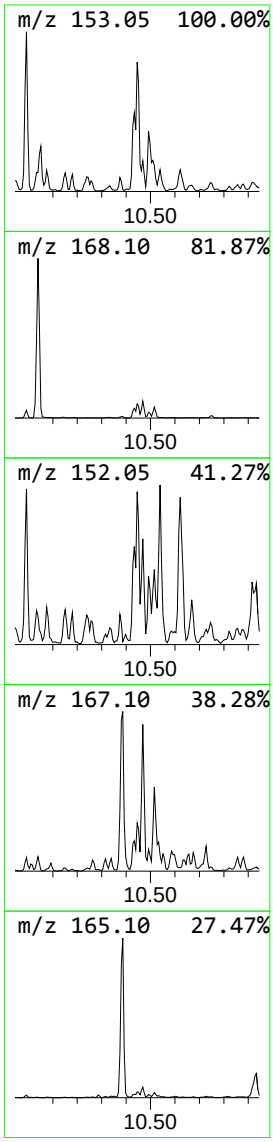
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	4.96 ng	386618	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





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Sample : 03954-13 10X
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

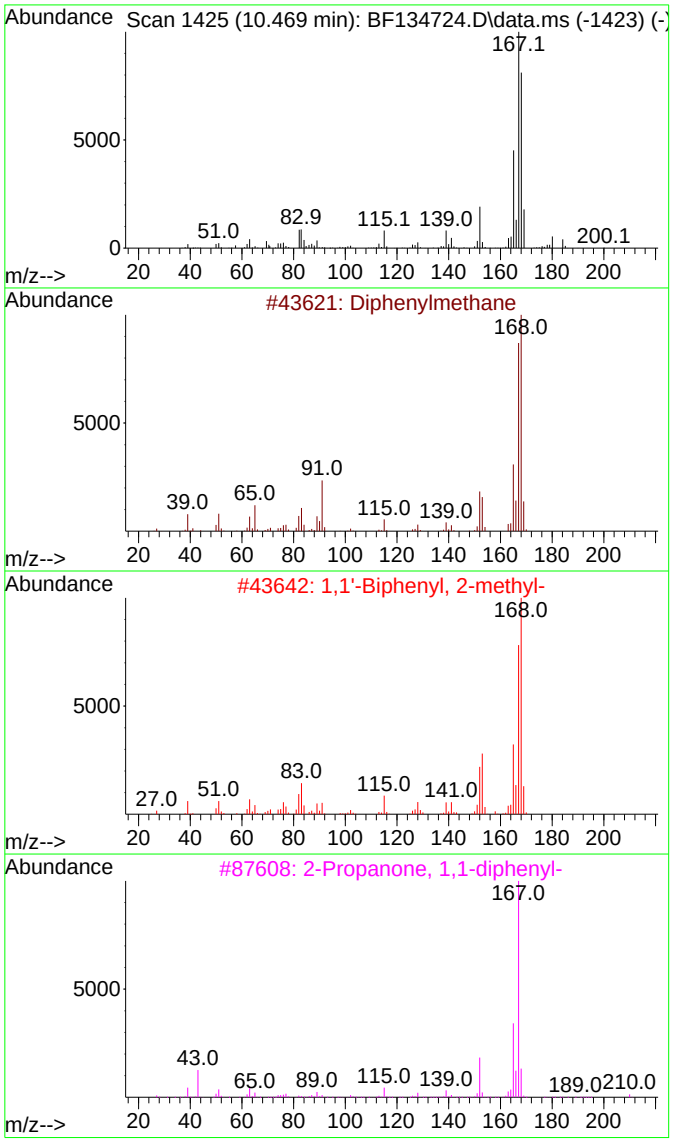
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

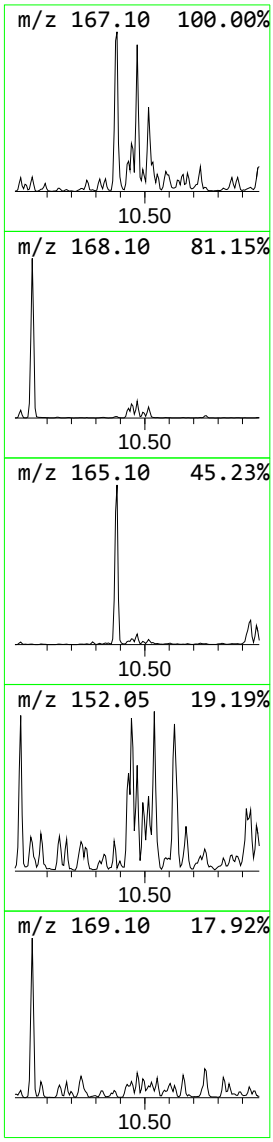
****

Peak Number 7 Diphenylmethane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	5.93 ng	462496	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	72
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	52
4	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	52
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	52





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

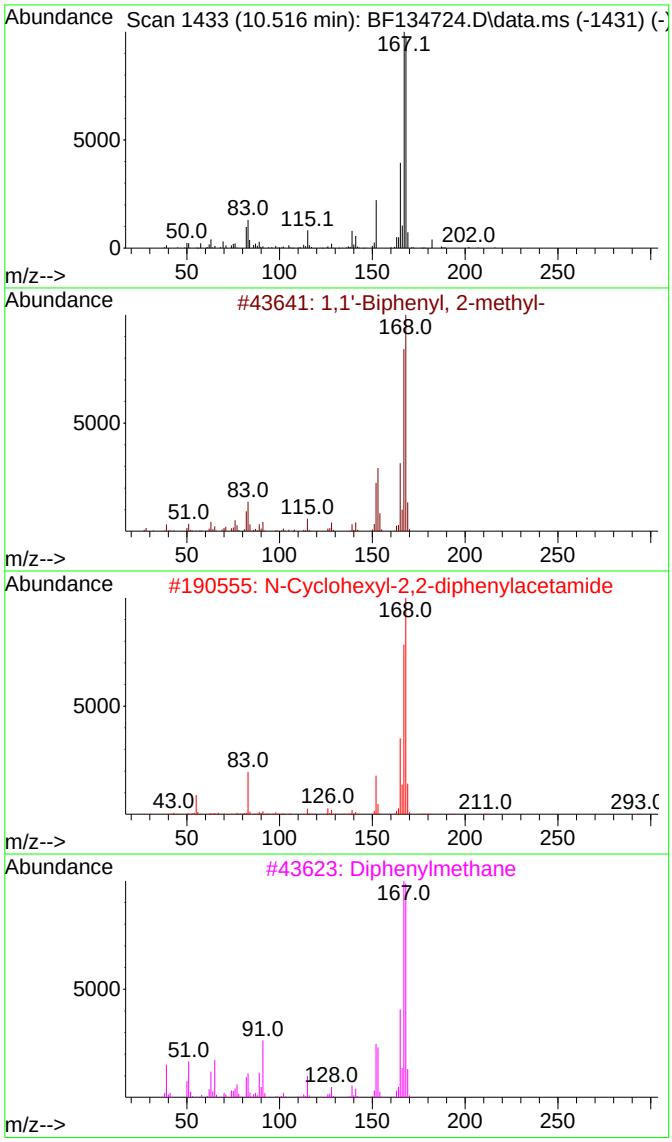
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

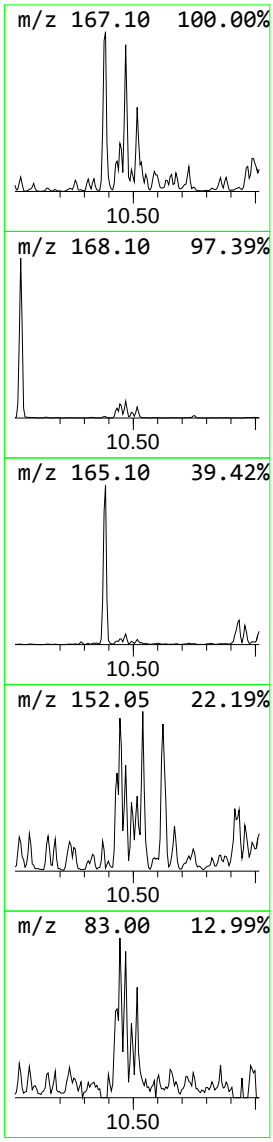
****

Peak Number 8 1,1'-Biphenyl, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	4.17 ng	324676	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	78
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	53
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	52





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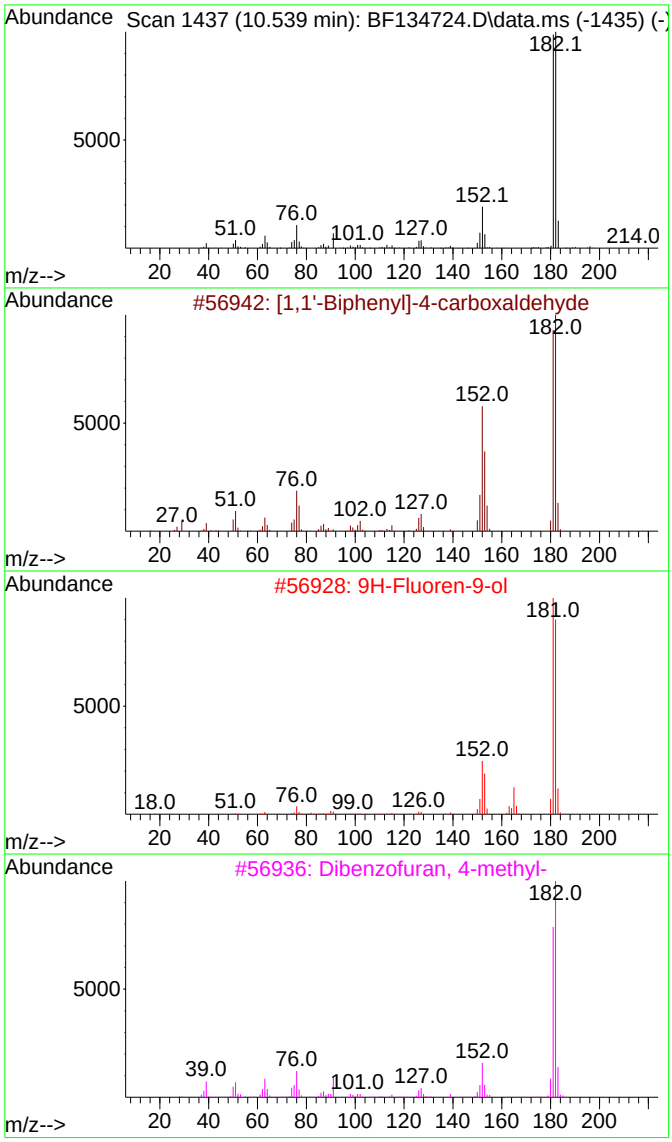
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

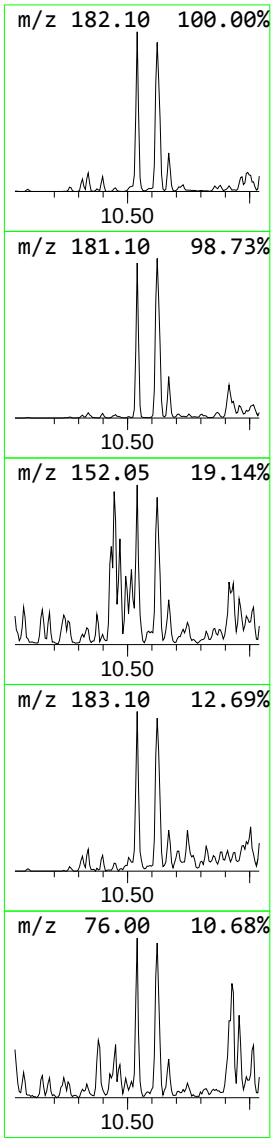
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	8.22 ng	640461	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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ALS Vial : 6 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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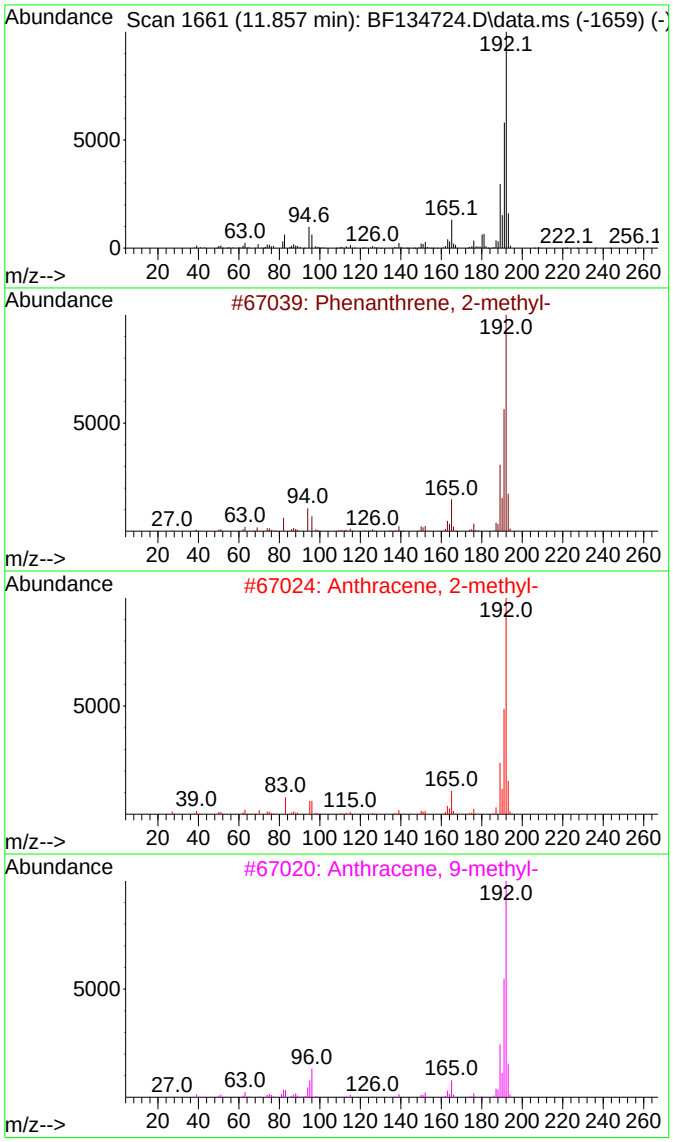
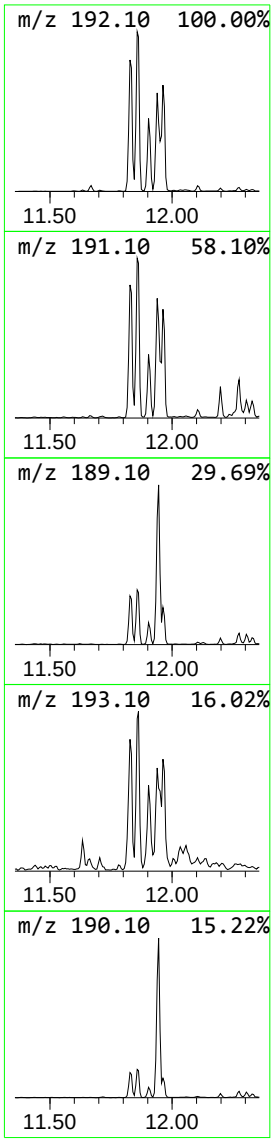
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	3.81 ng	2315550	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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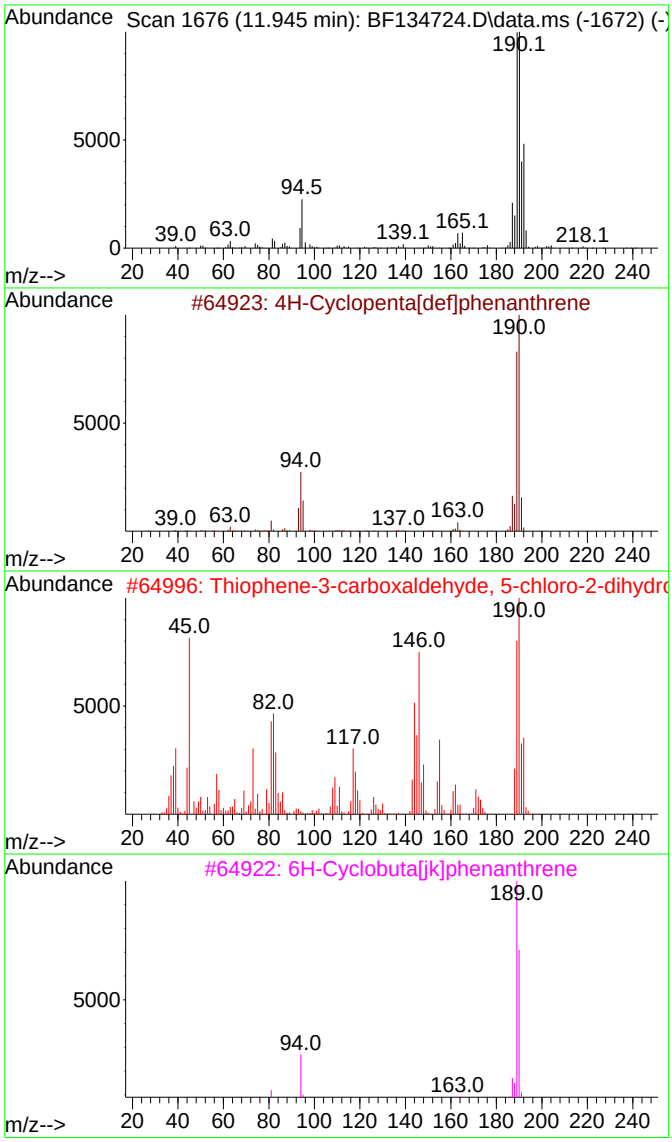
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

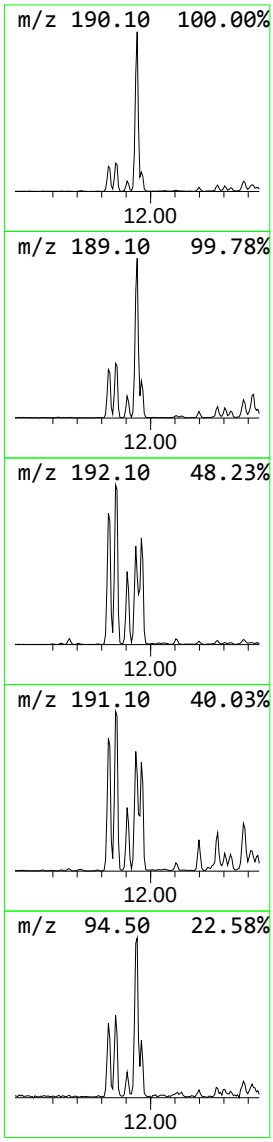
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.45 ng	3305330	Phenanthrene-d10	11.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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ALS Vial : 6 Sample Multiplier: 1

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

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

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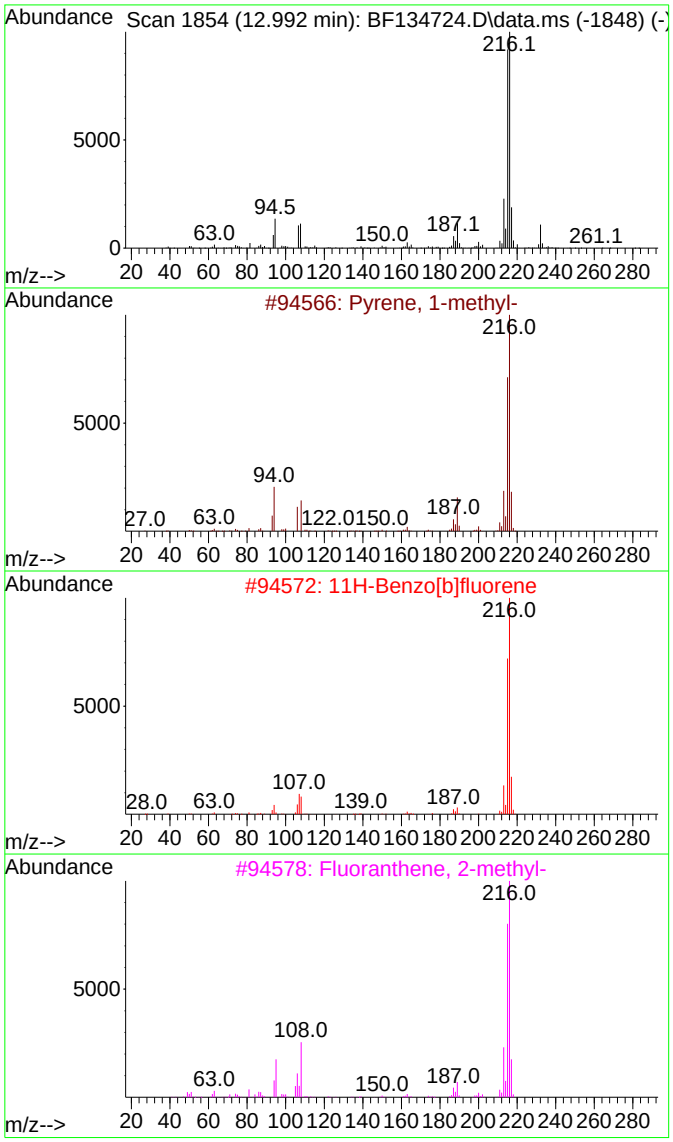
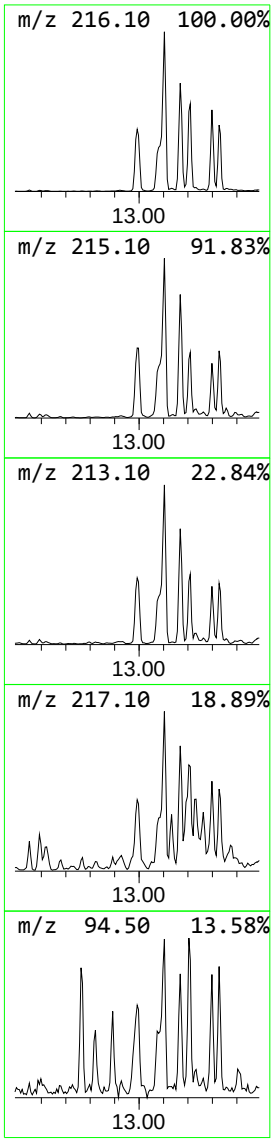
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	4.34 ng	1529310	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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

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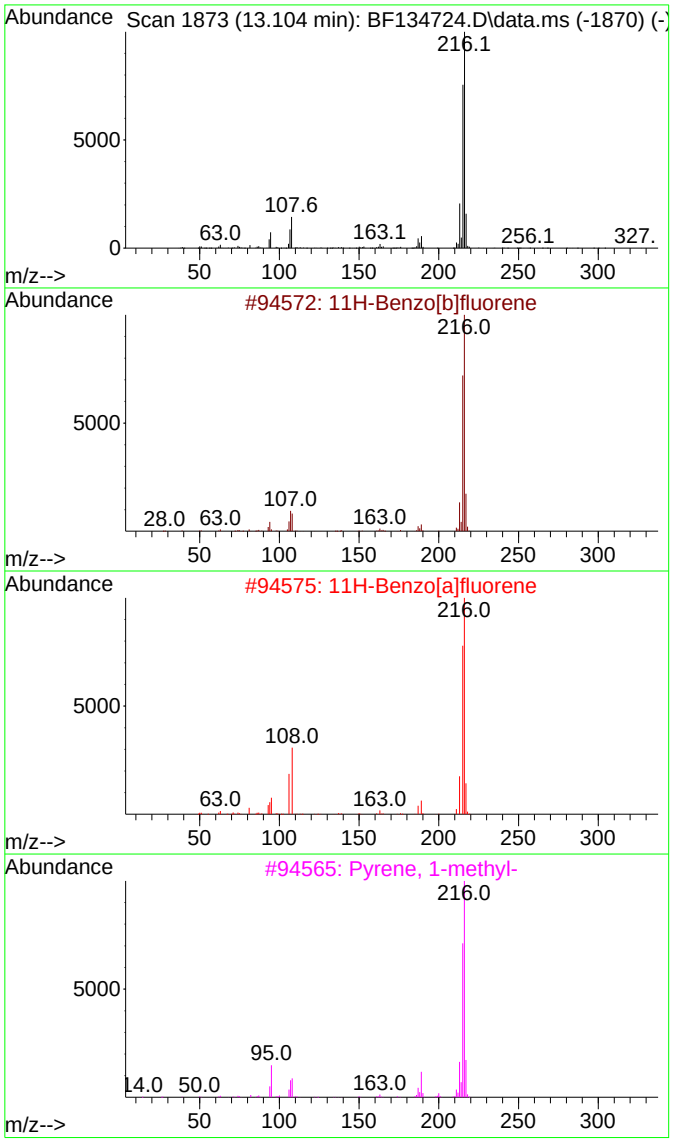
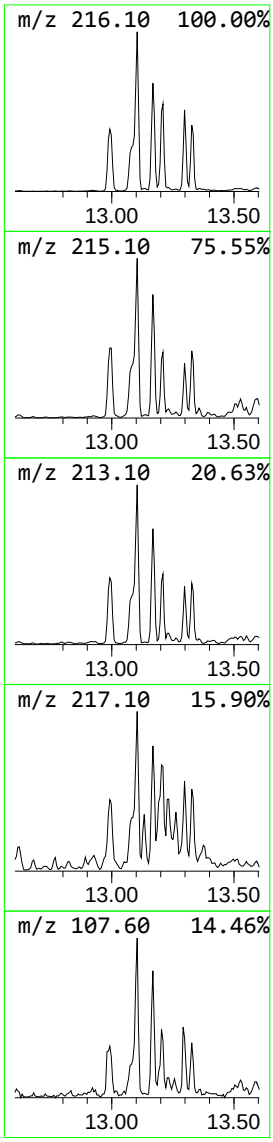
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	5.21 ng	1836280	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59





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

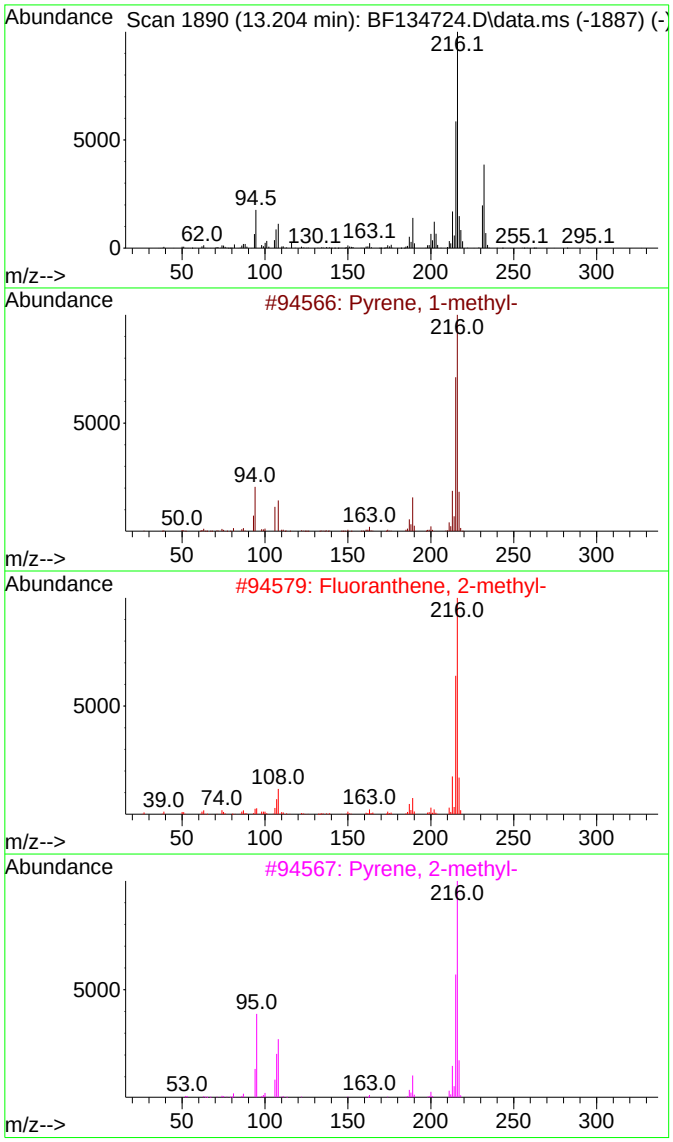
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

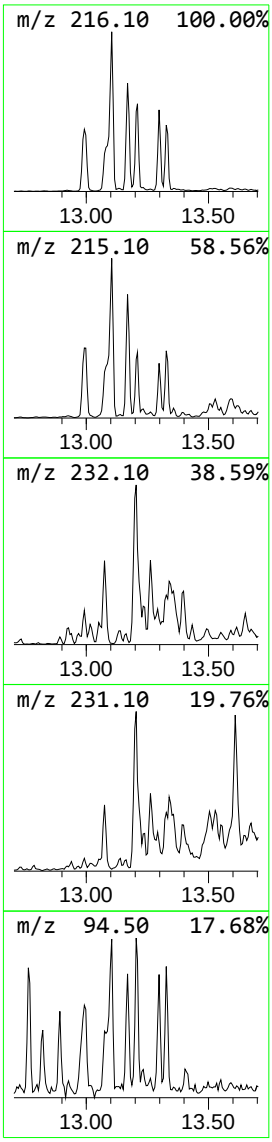
****

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.81 ng	1342570	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	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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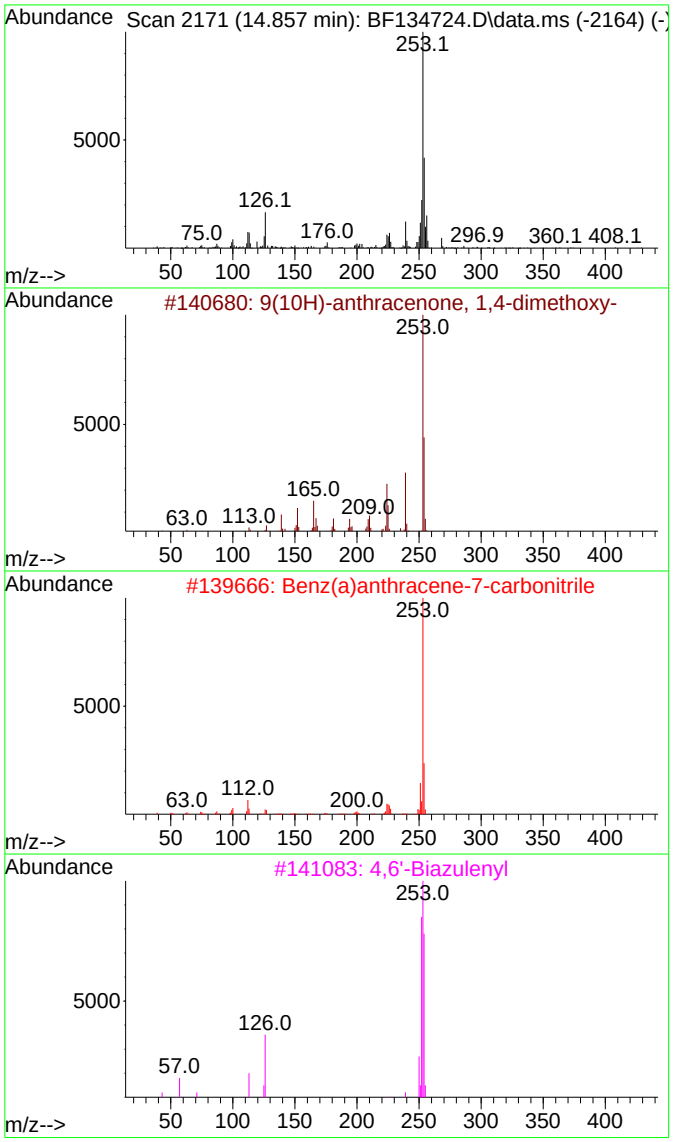
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

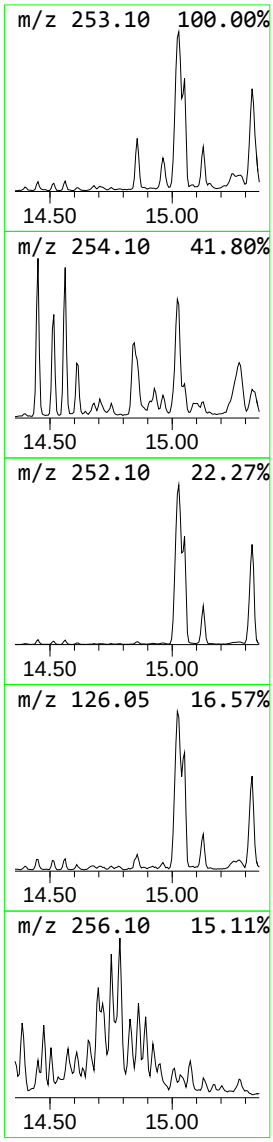
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9(10H)-anthracenone, 1,4-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.857	11.97 ng	497068	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	59
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	43
4	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	43
5	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	40





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TIC Library : C:\Database\NIST20.L
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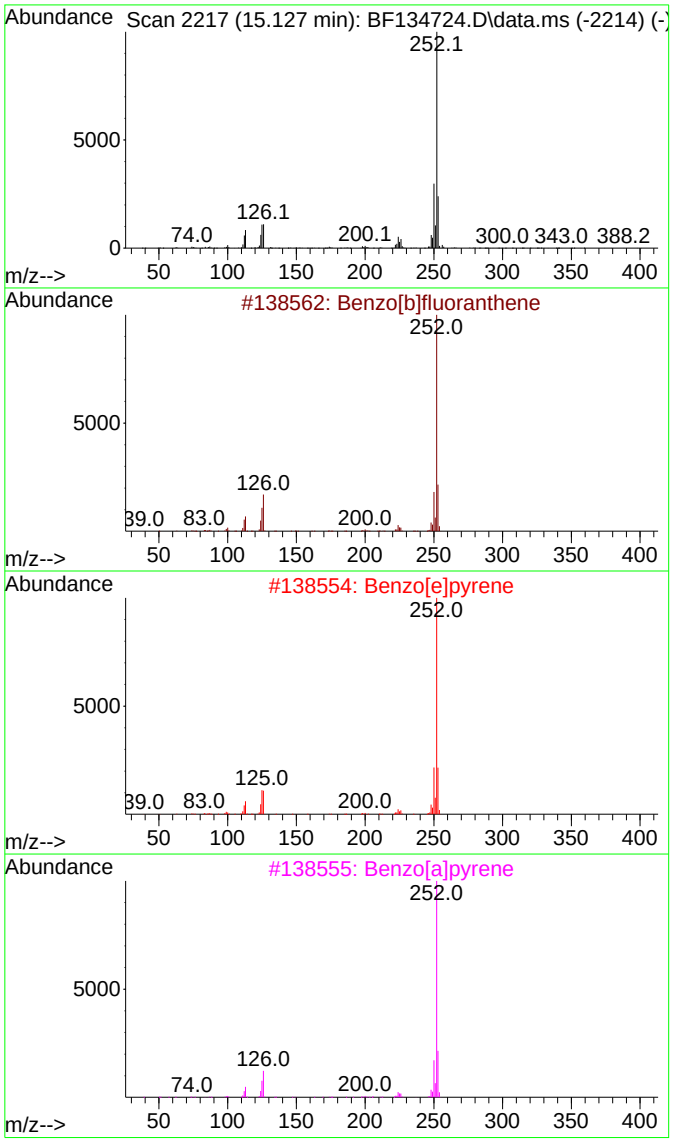
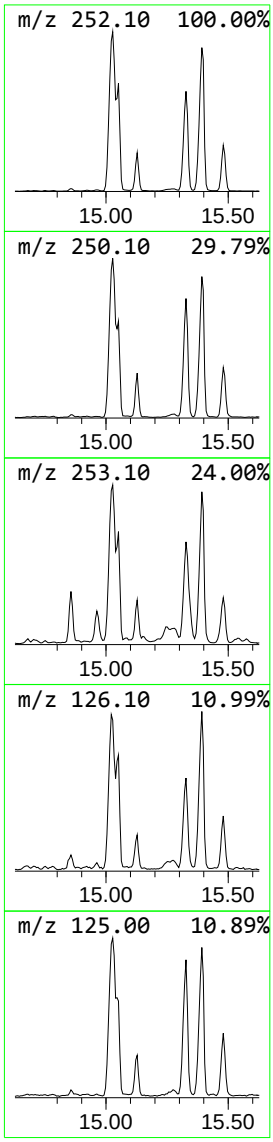
Peak Number 16 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	15.28 ng	634629	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	81





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Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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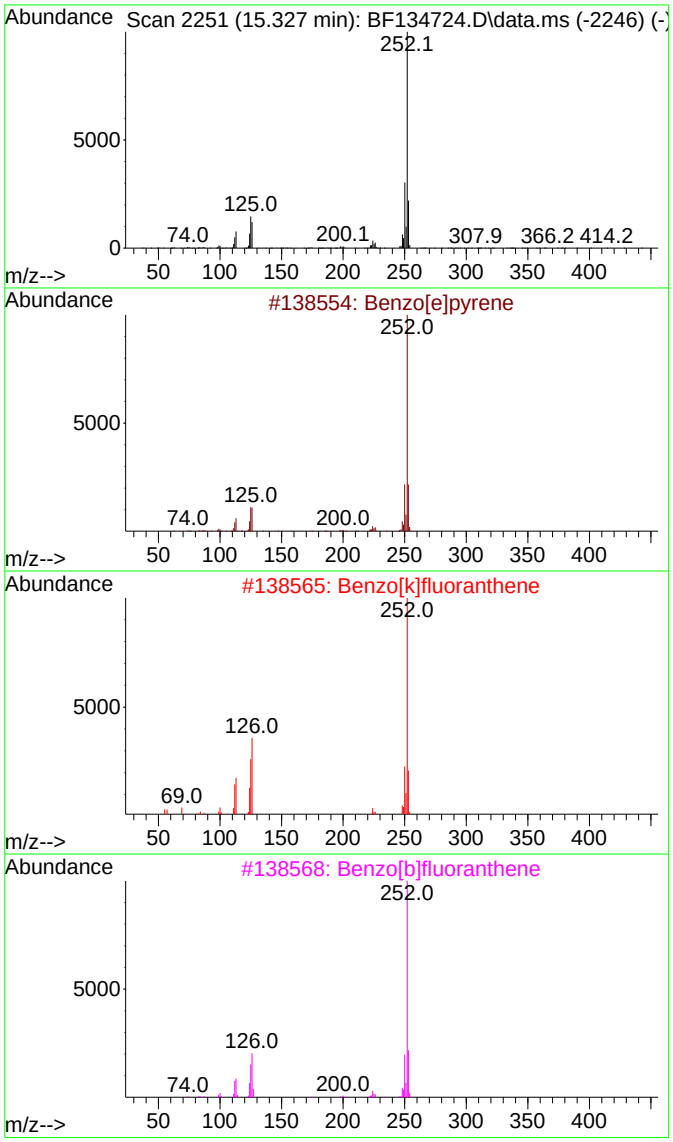
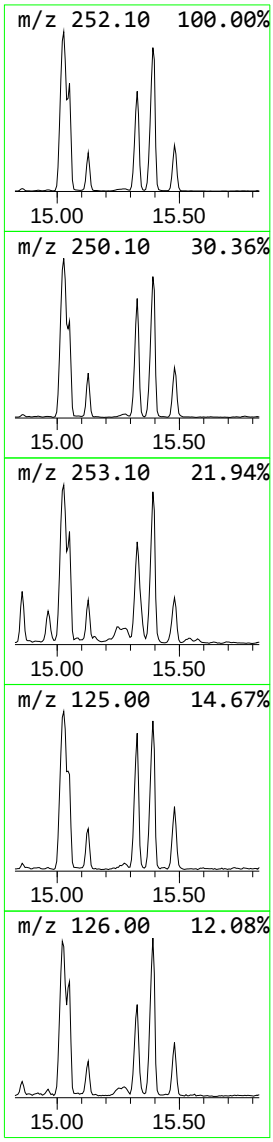
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	56.32 ng	2338680	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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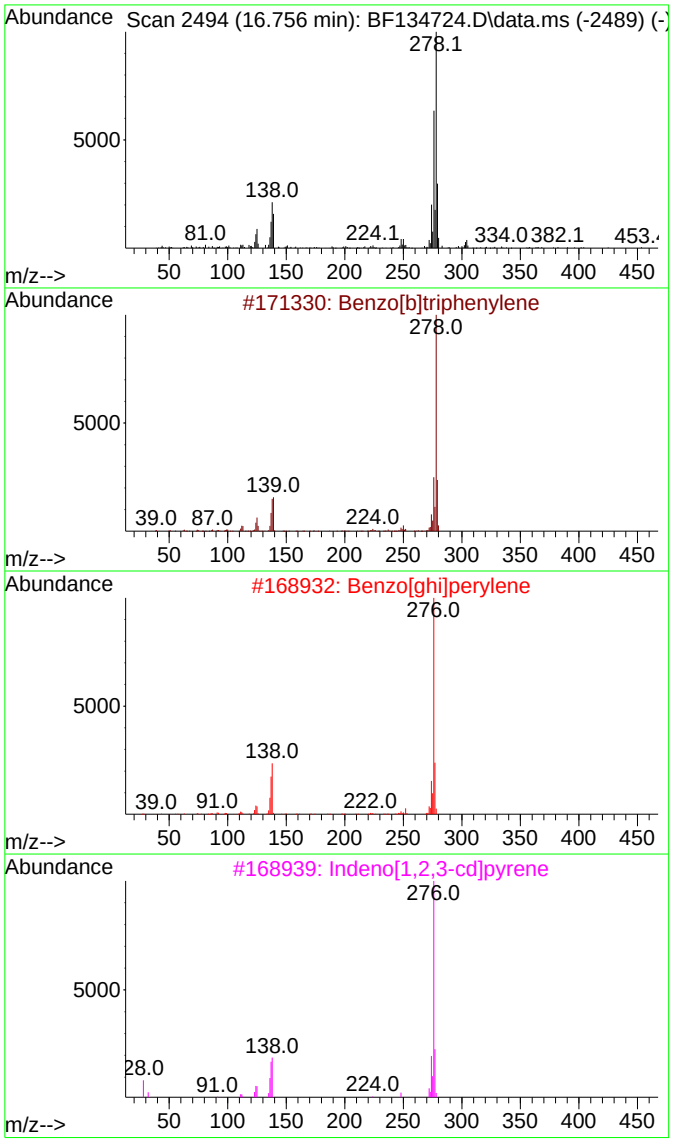
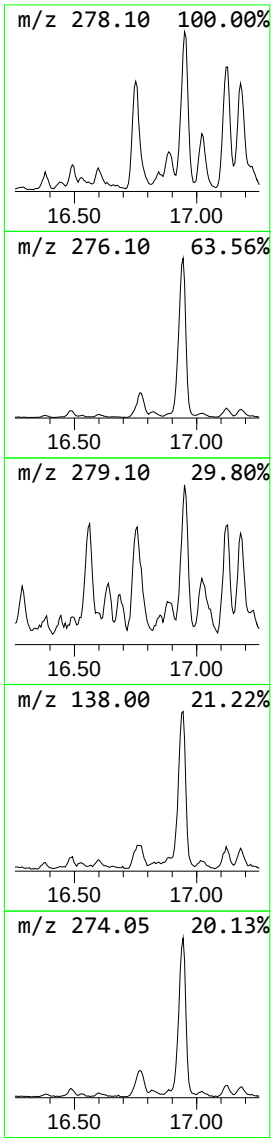
Peak Number 18 Benzo[b]triphenylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	9.47 ng	393143	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	80
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	78
4	Picene	278	C22H14	000213-46-7	64
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	51





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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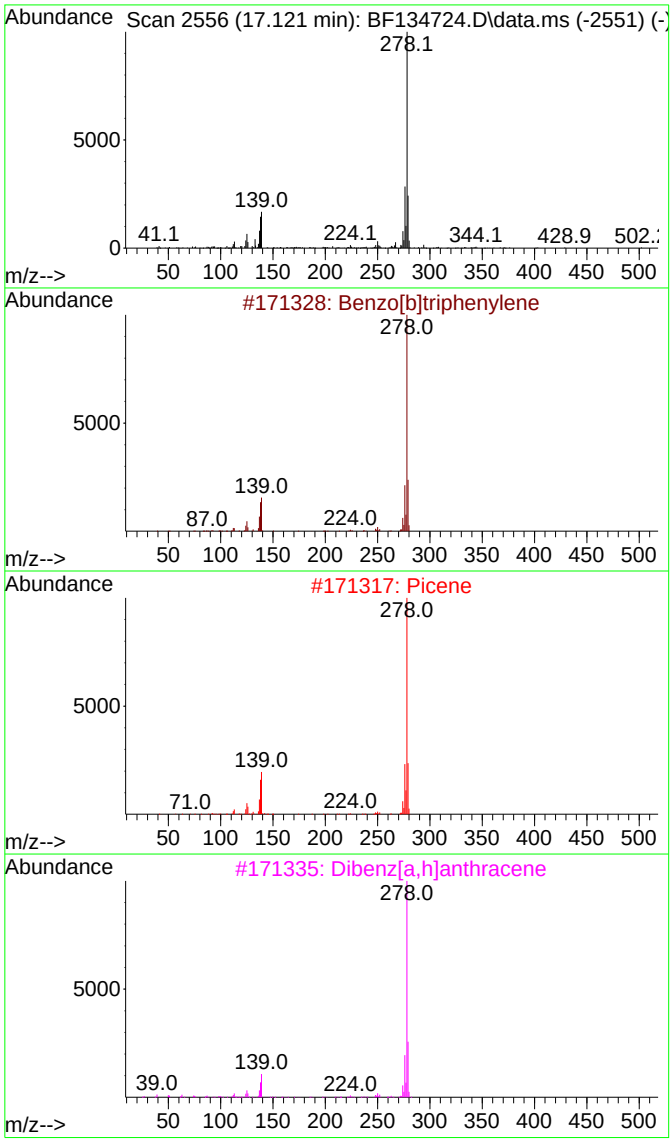
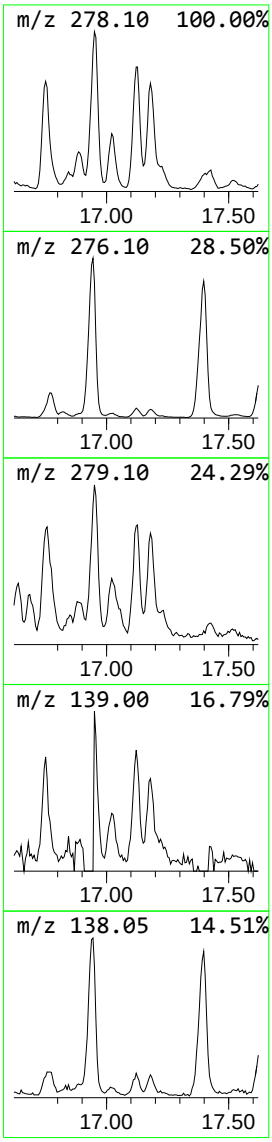
Peak Number 19 Picene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.121	7.56 ng	314127	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Picene	278	C22H14	000213-46-7	97
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4	Benzo[b]chrysene	278	C22H14	000214-17-5	93
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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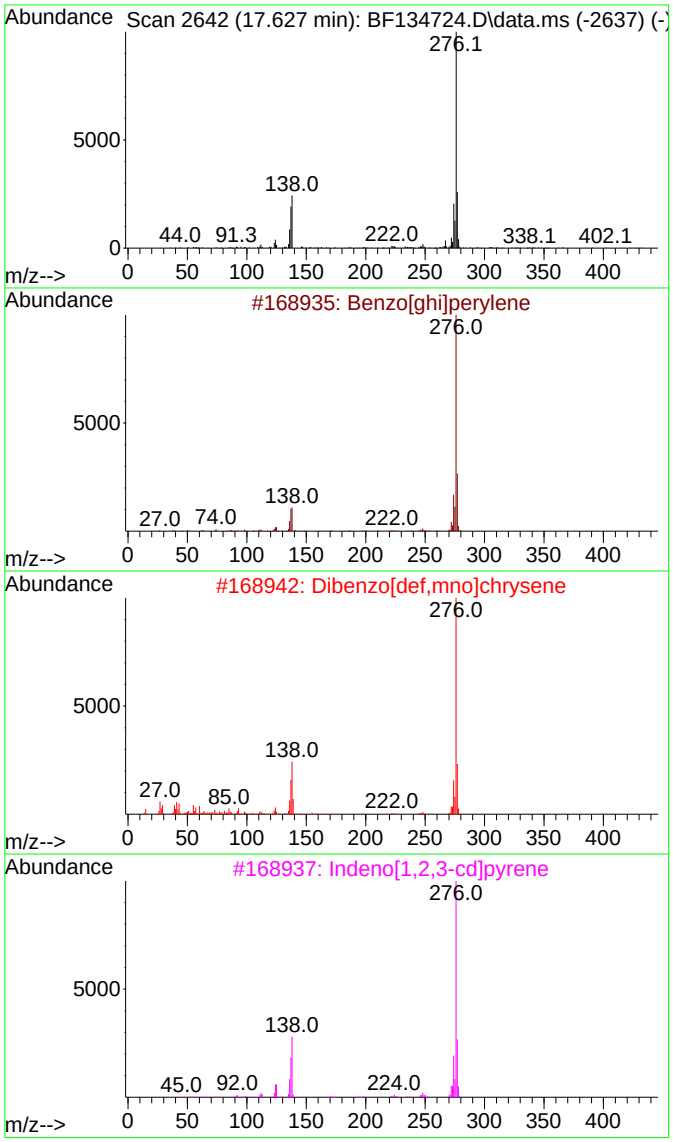
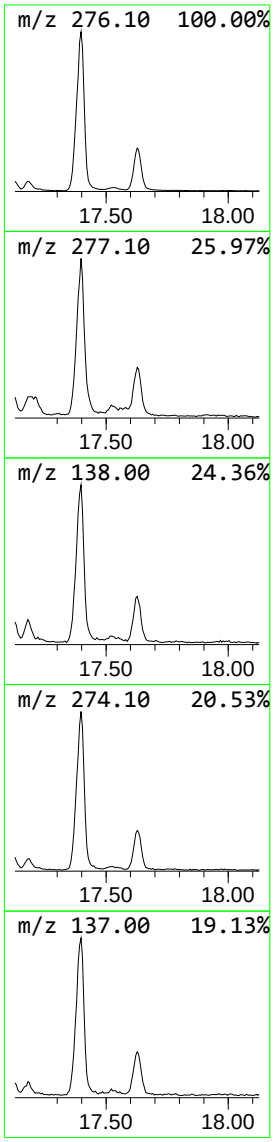
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.627	8.77 ng	364380	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	2-Naphthalenol, 1-[(2,4-dimethyl...	276	C18H16N2O	003118-97-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134724.D
Acq On : 11 Aug 2023 10:23
Operator : CG\JU
Sample : 03954-13 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-...	9.351	4.5	ng	354307	3	9.833	1558810	20.0
Naphthalene, 2,...	9.422	9.1	ng	711100	3	9.833	1558810	20.0
Naphthalene, 2,...	9.492	11.0	ng	859705	3	9.833	1558810	20.0
Naphthalene, 1,...	9.516	6.3	ng	491335	3	9.833	1558810	20.0
Naphthalene, 1,...	9.610	5.7	ng	441969	3	9.833	1558810	20.0
Benzene, [1-(2,...	10.445	5.0	ng	386618	3	9.833	1558810	20.0
Diphenylmethane	10.469	5.9	ng	462496	3	9.833	1558810	20.0
1,1'-Biphenyl, ...	10.516	4.2	ng	324676	3	9.833	1558810	20.0
[1,1'-Biphenyl]...	10.539	8.2	ng	640461	3	9.833	1558810	20.0
Phenanthrene, 2...	11.857	3.8	ng	2315550	4	11.327	12139700	20.0
4H-Cyclopenta[d...	11.945	5.5	ng	3305330	4	11.327	12139700	20.0
Pyrene, 1-methyl-	12.992	4.3	ng	1529310	5	13.980	7053520	20.0
11H-Benzo[b]flu...	13.104	5.2	ng	1836280	5	13.980	7053520	20.0
Fluoranthene, 2...	13.204	3.8	ng	1342570	5	13.980	7053520	20.0
9(10H)-anthrace...	14.857	12.0	ng	497068	6	15.451	830537	20.0
Benzo[e]pyrene	15.127	15.3	ng	634629	6	15.451	830537	20.0
Perylene	15.327	56.3	ng	2338680	6	15.451	830537	20.0
Benzo[b]triphen...	16.756	9.5	ng	393143	6	15.451	830537	20.0
Picene	17.121	7.6	ng	314127	6	15.451	830537	20.0
Dibenzo[def,mno...	17.627	8.8	ng	364380	6	15.451	830537	20.0