LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-3-13123-A

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.307	415	420	428	rBV	973241	1260609	17.06%	1.118%
2	5.695	480	486	489	rBV	2932952	3195974	43.25%	2.835%
3	6.684	649	654	657	rBV	2920314	3050633	41.29%	2.706%
4	7.072	716	720	723	rVB	1054513	872012	11.80%	0.774%
5	7.454	781	785	796	rVB3	111976	175649	2.38%	0.156%
6	7.631	811	815	818	rBV	2220134	1972865	26.70%	1.750%
7	8.354	935	938	940	rVV	1218695	1149620	15.56%	1.020%
8	8.378	940	942	945	rVV	2751244	2300421	31.13%	2.041%
9	8.431	948	951	957	rVB	179988	174579	2.36%	0.155%
10	9.072	1057	1060	1063	rVB	1713933	1279647	17.32%	1.135%
11	9.119	1063	1068	1072	rBV2	256630	238012	3.22%	0.211%
12	9.172	1072	1077	1080	rBV	1369511	1109860	15.02%	0.985%
13	9.431	1117	1121	1125	rVB	3905809	3359614	45.47%	2.981%
14	9.501	1130	1133	1136	rBV	319680	246588	3.34%	0.219%
15	9.536	1136	1139	1142	rVB2	216803	212146	2.87%	0.188%
16	9.630	1153	1155	1160	rVB2	152162	172492	2.33%	0.153%
17	9.701	1162	1167	1171	rVB	445815	623408	8.44%	0.553%
18	9.772	1171	1179	1182	rBV	748537	911719	12.34%	0.809%
19	9.801	1182	1184	1186	rVV	549794	416393	5.64%	0.369%
20	9.889	1197	1199	1201	rVV	318813	292923	3.96%	0.260%
21	9.978	1211	1214	1218	rVB2	567494	532409	7.21%	0.472%
22	10.036	1221	1224	1227	rVB	297245	250768	3.39%	0.222%
23	10.095	1232	1234	1236	rVV	278327	226131	3.06%	0.201%
24	10.119	1236	1238	1241	rVV	1179875	1039064	14.06%	0.922%
25	10.154	1241	1244	1247	rVV	1958857	1554801	21.04%	1.379%
26	10.325	1270	1273	1276	rVV	1559541	1434460	19.41%	1.273%
27	10.360	1276	1279	1283	rVV	273638	230437	3.12%	0.204%
28	10.436	1288	1292	1294	rBV2	289120	322116	4.36%	0.286%
29	10.466	1294	1297	1303	rVV3	238571	279371	3.78%	0.248%
30	10.536	1303	1309	1313	rVV2	386811	503910	6.82%	0.447%
31	10.672	1328	1332	1336	rVV	2210376	2068992	28.00%	1.836%
32	10.754	1344	1346	1349	rVV2	288571	307845	4.17%	0.273%
33	10.830	1353	1359	1363	rVB2	1075211	1152479	15.60%	1.022%
34	10.913	1369	1373	1377	rVB	2670120	2410067	32.62%	2.138%
35	11.013	1387	1390	1392	rBV	331925	343458	4.65%	0.305%
36	11.225	1420	1426	1428	rBV2	416764	525015	7.11%	0.466%

LSC Area Percent Report

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Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.248	1428	1430	1433	rVV2	217459	202148	2.74%	0.179%
38	11.307	1437	1440	1443	rVB	278153	236628	3.20%	0.210%
39	11.348	1443	1447	1449	rBV3	242641	290193	3.93%	0.257%
40	11.372	1449	1451	1456	rVV2	220123	239794	3.25%	0.213%
41	11.466	1463	1467	1470	rBV2	448678	480500	6.50%	0.426%
42	11.519	1473	1476	1480	rVB	720850	623806	8.44%	0.553%
43	11.624	1490	1494	1495	rBV	926544	979038	13.25%	0.869%
44	11.654	1495	1499	1502	rVV	6685824	7144735	96.70%	6.338%
45	11.701	1502	1507	1509	rVV	2237009	1929176	26.11%	1.711%
46	11.730	1509	1512	1515	rVV	448466	472650	6.40%	0.419%
47	11.848	1528	1532	1535	rVV	940821	878936	11.90%	0.780%
48	11.895	1537	1540	1542	rVV3	262848	247776	3.35%	0.220%
49	11.913	1542	1543	1548	rVV3	219903	251450	3.40%	0.223%
50	11.995	1554	1557	1560	rVV	1692802	1363829	18.46%	1.210%
51	12.124	1572	1579	1582	rBV2	1277515	1540456	20.85%	1.367%
52	12.154	1582	1584	1588	rVB	1432217	1133132	15.34%	1.005%
53	12.201	1588	1592	1595	rBV	613284	567238	7.68%	0.503%
54	12.242	1595	1599	1601	rVV2	1746886	1862974	25.21%	1.653%
55	12.260	1601	1602	1605	rVV	710474	489152	6.62%	0.434%
56	12.307	1607	1610	1612	rVV3	266533	284392	3.85%	0.252%
57	12.419	1626	1629	1632	rVV	729262	703693	9.52%	0.624%
58	12.448	1632	1634	1637	rVV2	193143	175275	2.37%	0.155%
59	12.571	1653	1655	1658	rVB	260760	178392	2.41%	0.158%
60	12.695	1670	1676	1678	rBV2	3114485	3759922	50.89%	3.336%
61	12.713	1678	1679	1686	rVV3	2915992	3269998	44.26%	2.901%
62	12.771	1686	1689	1690	rVV2	259707	296131	4.01%	0.263%
63	12.795	1690	1693	1697	rVV2	841958	845607	11.44%	0.750%
64	12.860	1699	1704	1706	rVV	6353183	6677559	90.37%	5.924%
65	12.883	1706	1708	1710	rVV2	421587	366045	4.95%	0.325%
66	12.907	1710	1712	1716	rVV3	257068	329219	4.46%	0.292%
67	12.942	1716	1718	1720	rVB	345510	262556	3.55%	0.233%
68	13.001	1725	1728	1731	rVV2	287136	265921	3.60%	0.236%
69	13.089	1736	1743	1747	rBV2	5438136	7388937	100.00%	6.555%
70	13.124	1747	1749	1754	rVB3	445783	478060	6.47%	0.424%
71	13.213	1758	1764	1767	rBV2	2830874	3020532	40.88%	2.680%
72	13.236	1767	1768	1772	rVB	395011	280151	3.79%	0.249%
73	13.301	1773	1779	1782	rBV2	483729	876290	11.86%	0.777%
74	13.383	1789	1793	1794	rVV4	317314	415209	5.62%	0.368%
75	13.407	1794	1797	1800	rVB	1217643	1127945	15.27%	1.001%
76	13.477	1805	1809	1811	rVV	1207014	1020236	13.81%	0.905%

LSC Area Percent Report

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Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.513	1811	1815	1818	rVV2	707593	823065	11.14%	0.730%
78	13.607	1828	1831	1833	rBV	380304	324320	4.39%	0.288%
79	13.636	1833	1836	1839	rBV3	409733	405680	5.49%	0.360%
80	13.889	1877	1879	1882	rBV3	193907	220025	2.98%	0.195%
81	14.036	1901	1904	1906	rBV	301976	309813	4.19%	0.275%
82	14.060	1906	1908	1910	rVV	601613	554427	7.50%	0.492%
83	14.089	1910	1913	1927	rVB4	512898	1270371	17.19%	1.127%
84	14.283	1939	1946	1949	rBV3	2909094	4127784	55.86%	3.662%
85	14.318	1949	1952	1957	rVB	2525220	2409468	32.61%	2.138%
86	14.395	1963	1965	1968	rBV	595954	465745	6.30%	0.413%
87	14.424	1968	1970	1973	rVB2	166856	168996	2.29%	0.150%
88	14.507	1981	1984	1988	rBV2	333305	468138	6.34%	0.415%
89	14.677	2010	2013	2016	rVB	462674	433676	5.87%	0.385%
90	14.713	2017	2019	2021	rVB	250957	191752	2.60%	0.170%
91	14.813	2033	2036	2038	rBV	274319	256337	3.47%	0.227%
92	14.836	2038	2040	2044	rVB2	397735	357868	4.84%	0.317%
93	15.407	2131	2137	2140	rBV	1548355	2861450	38.73%	2.539%
94	15.518	2153	2156	2160	rVB	371888	418238	5.66%	0.371%
95	15.742	2190	2194	2201	rVB	1007933	1433114	19.40%	1.271%
96	15.812	2201	2206	2212	rBV	1543575	2143724	29.01%	1.902%
97	15.883	2214	2218	2220	rVV2	442368	631400	8.55%	0.560%
98	15.912	2220	2223	2230	rVB2	449655	660189	8.93%	0.586%
99	17.536	2492	2499	2508	rVB2	672167	1488067	20.14%	1.320%
100	18.042	2579	2585	2598	rVB	506750	1143875	15.48%	1.015%

Sum of corrected areas: 112719690

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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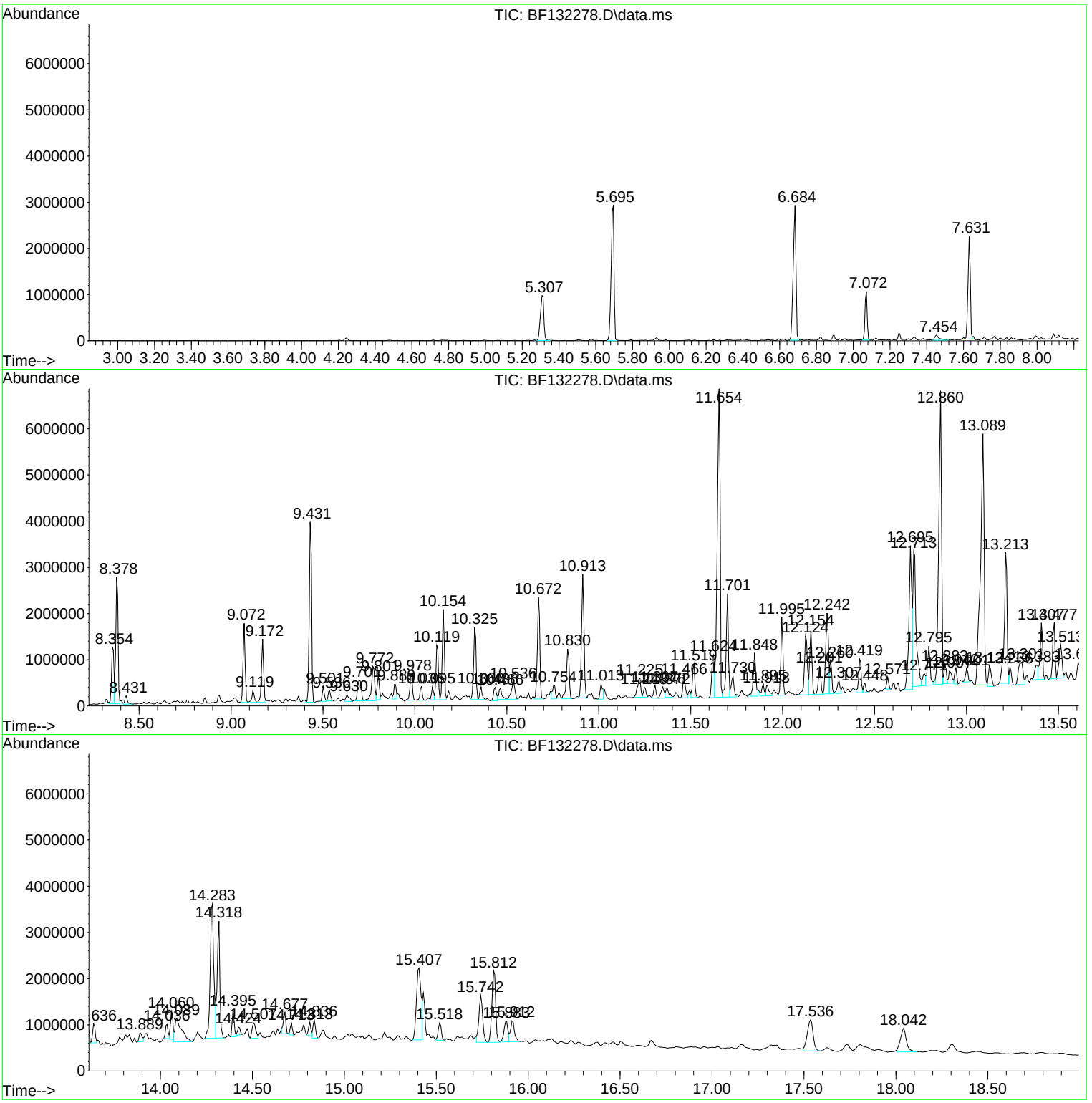
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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\BF020123\
Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
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Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

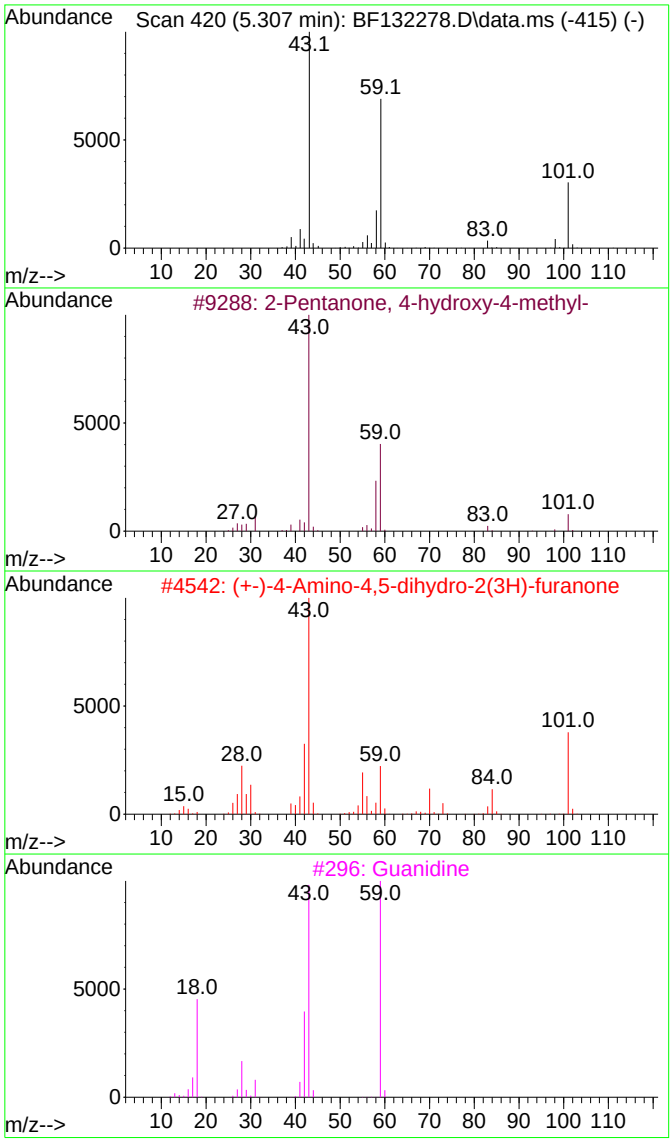
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

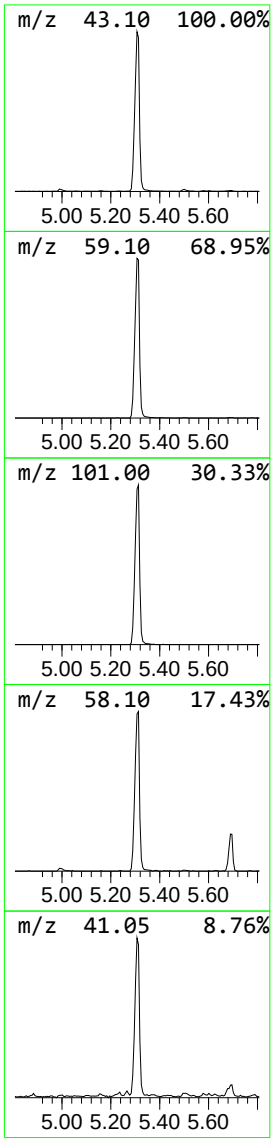
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.307	28.91 ng	1260610	1,4-Dichlorobenzene-d4	7.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132278.D
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JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

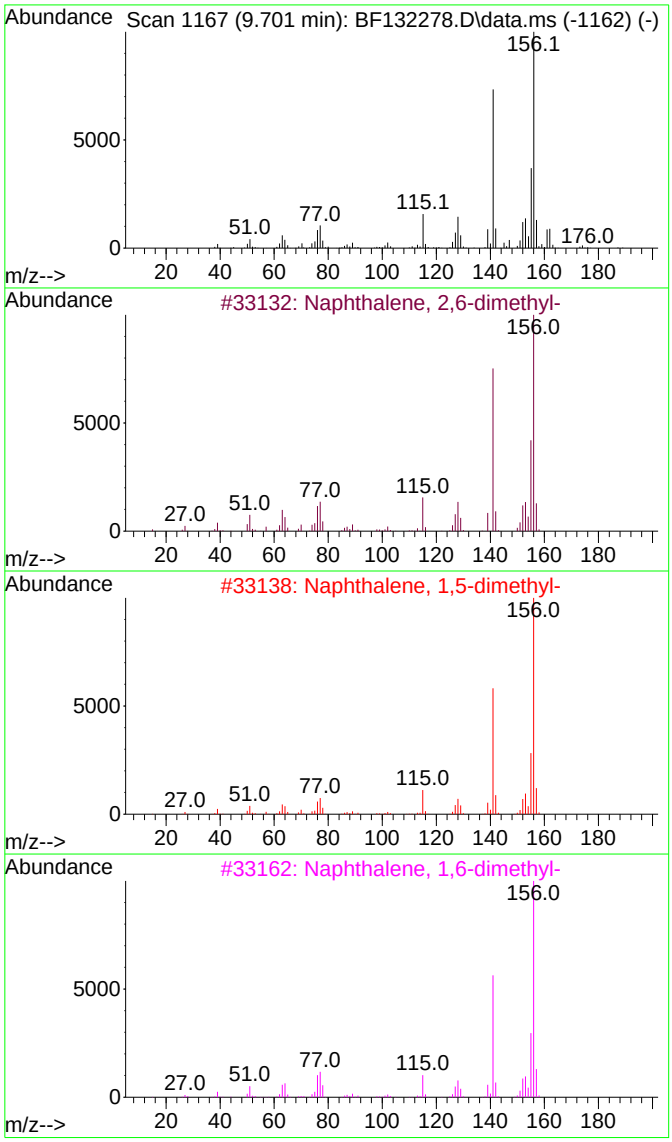
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

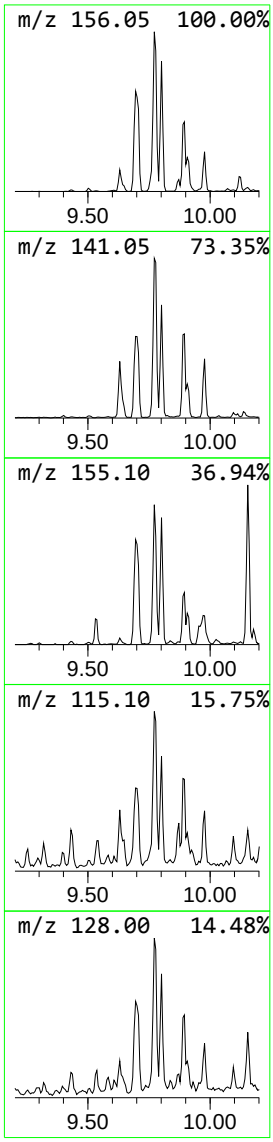
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.701	12.00 ng	623408	Acenaphthene-d10	10.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132278.D
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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

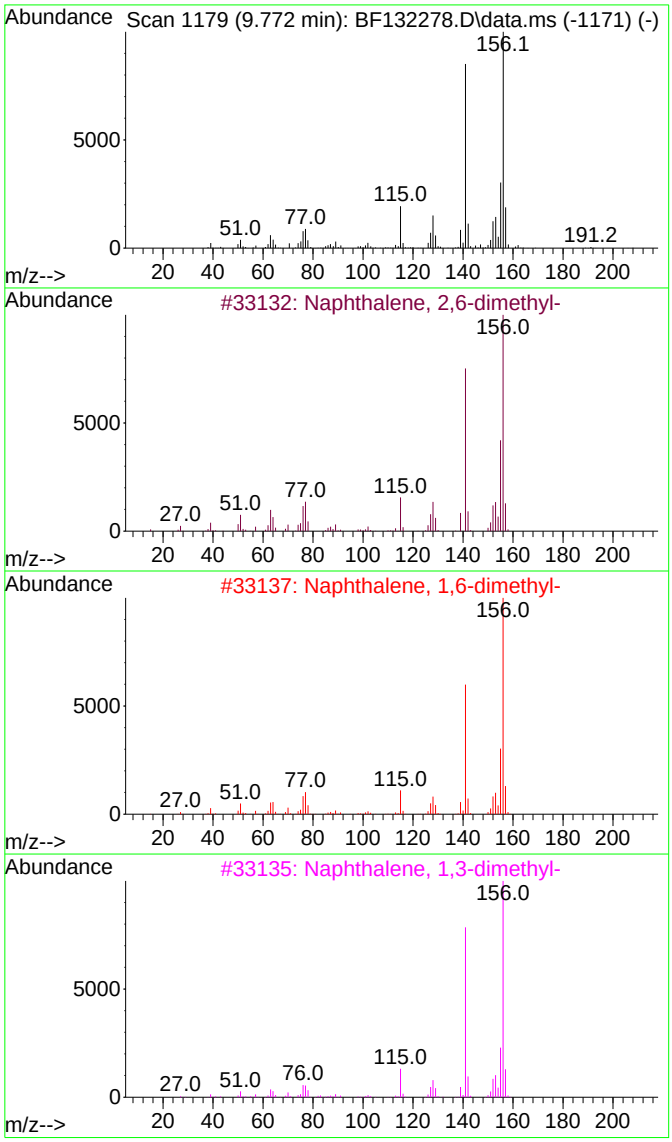
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

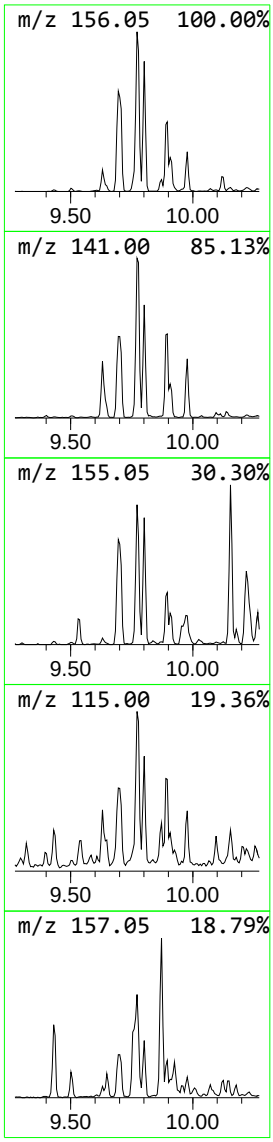
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.772	17.55 ng	911719	Acenaphthene-d10	10.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

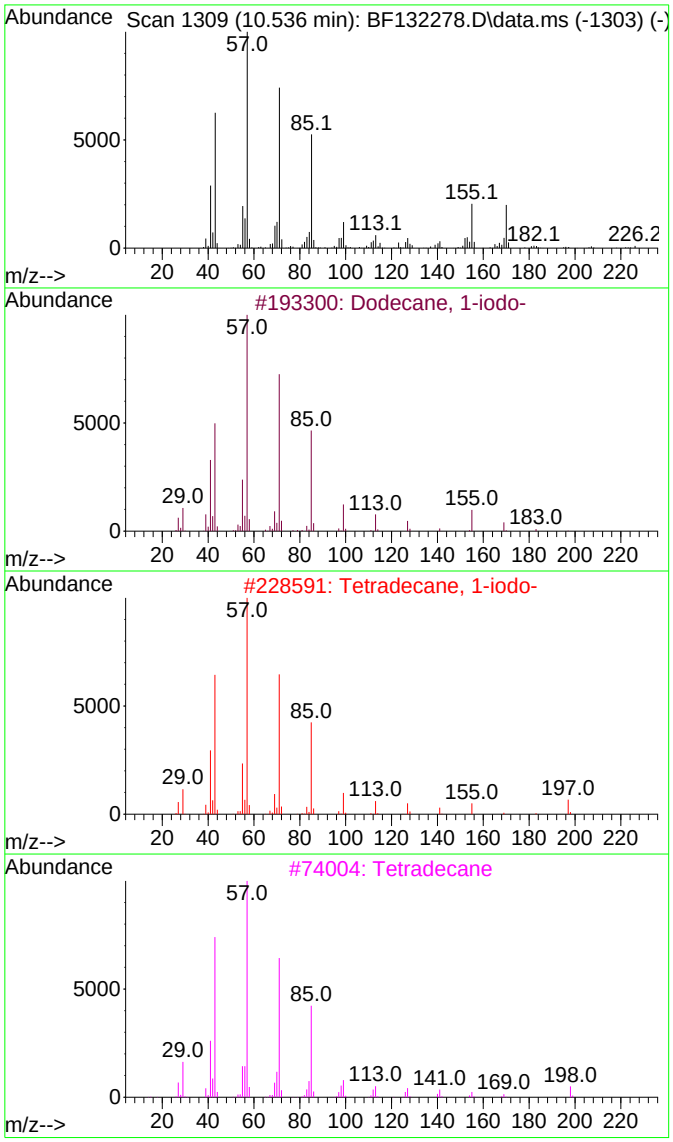
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

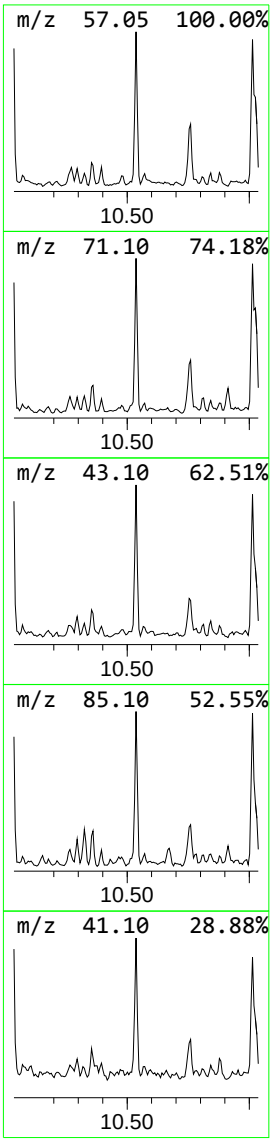
****

Peak Number 4 Dodecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.536	9.70 ng	503910	Acenaphthene-d10	10.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

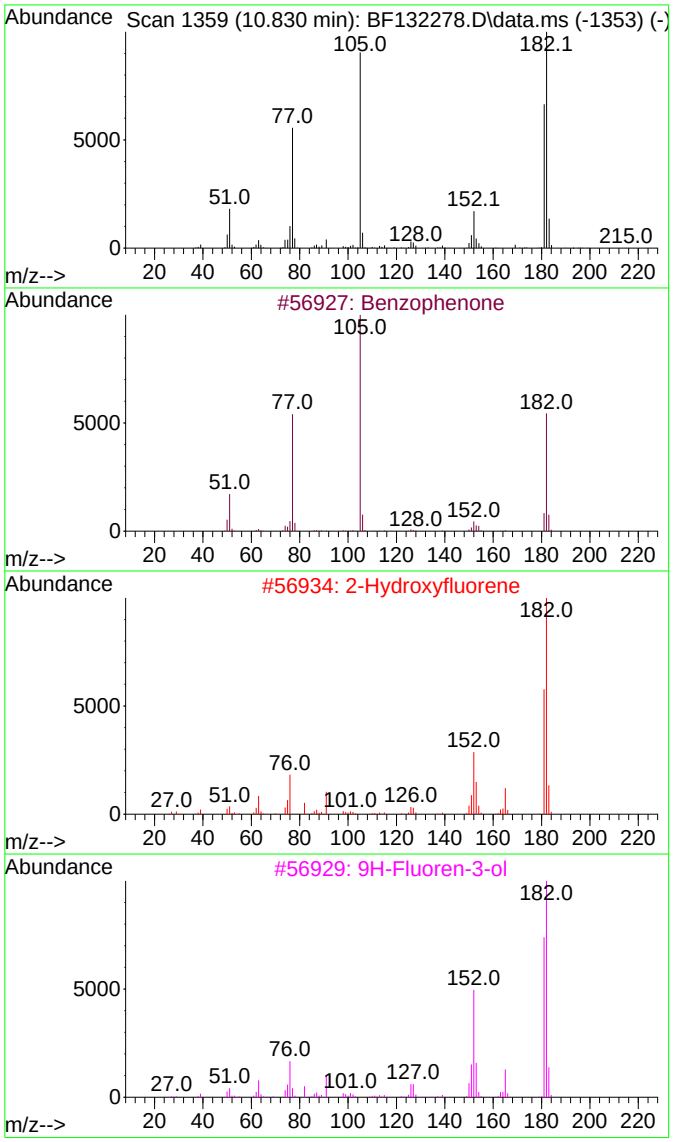
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

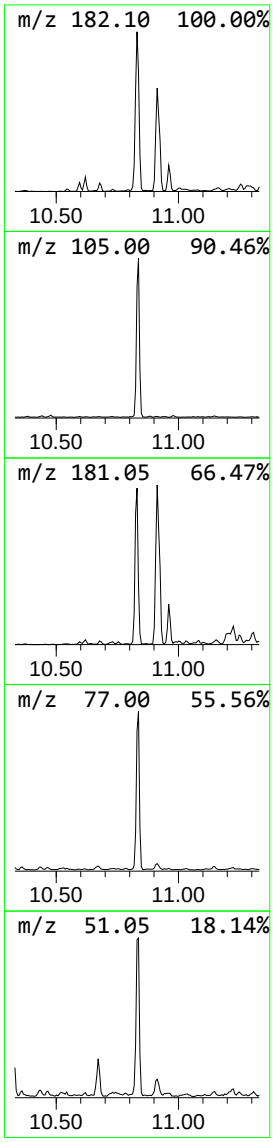
****

Peak Number 5 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.830	22.18 ng	1152480	Acenaphthene-d10	10.119

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	62
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58
4	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	55
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52





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Operator : CG\JU
Sample : 01374-01
Misc :
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Instrument :
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ClientSampleId :
JC-3-13123-A

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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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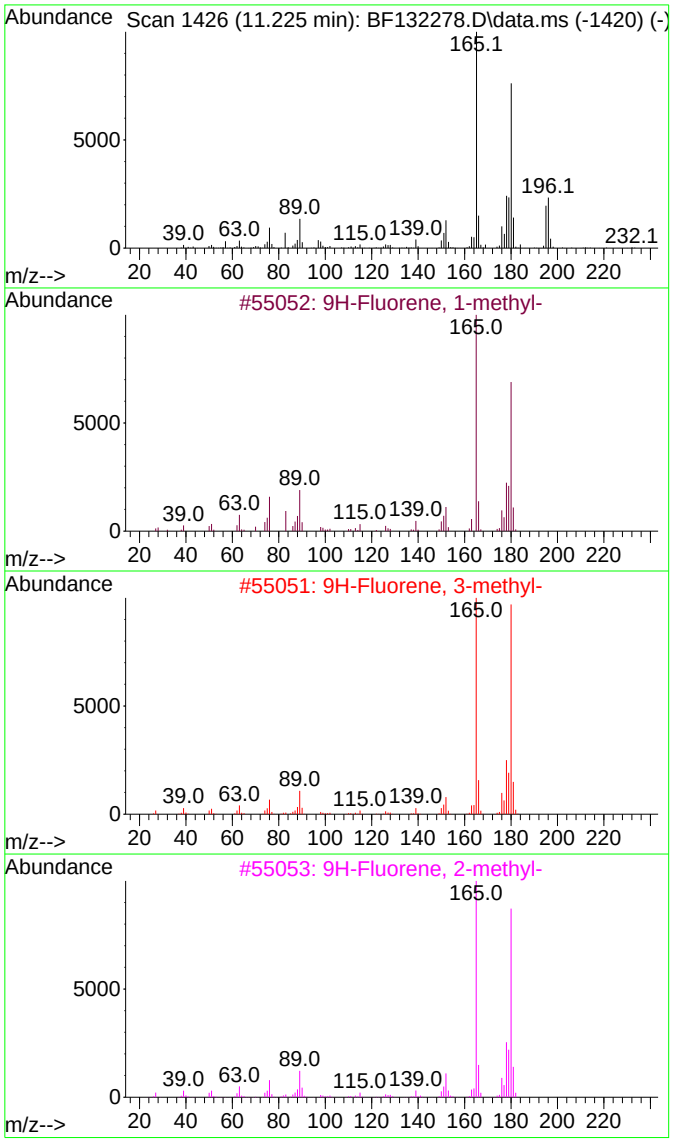
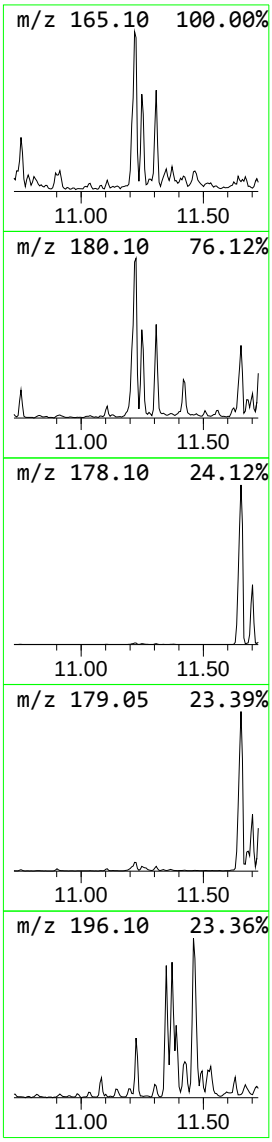
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	10.73 ng	525015	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83





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ClientSampleId :
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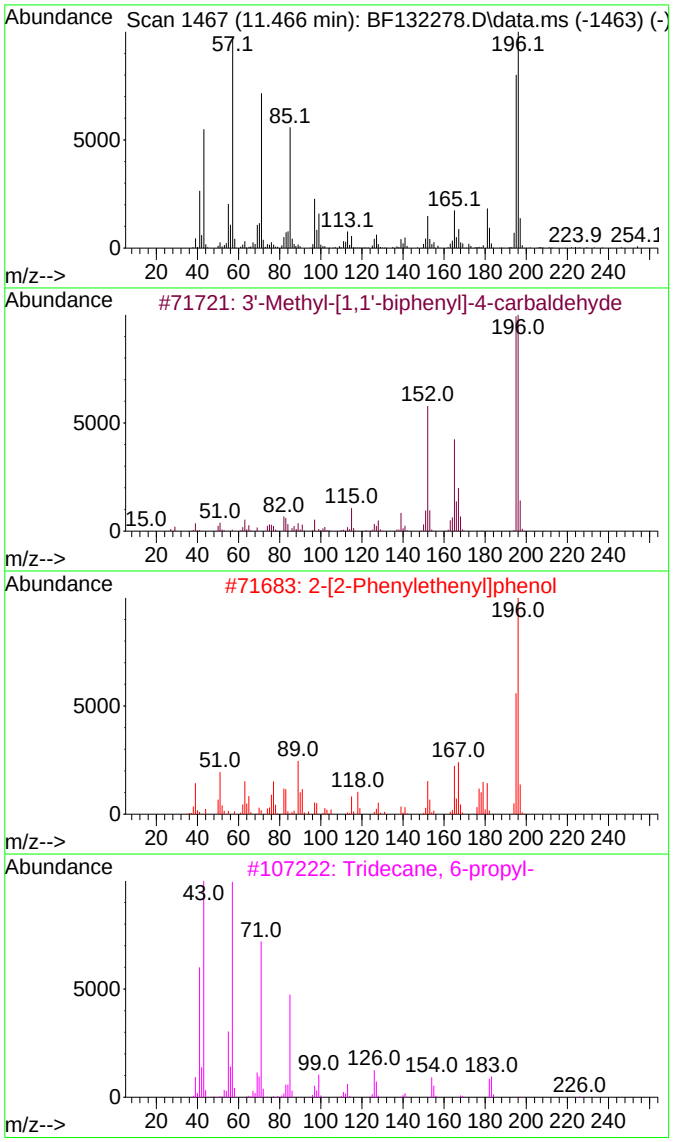
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

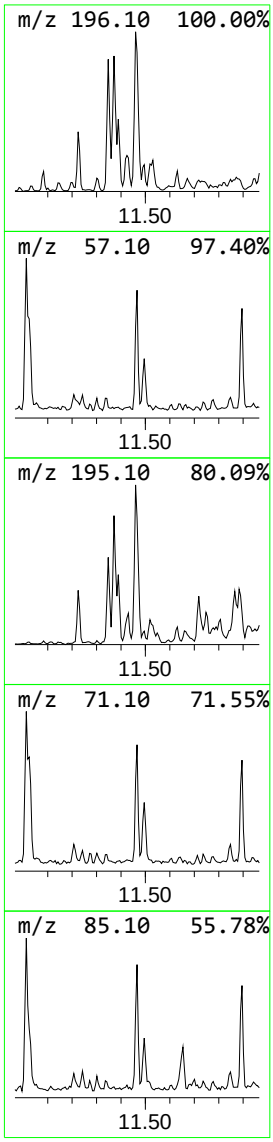
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.466	9.82 ng	480500	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	91
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	47
4	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	46
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	42





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ALS Vial : 18 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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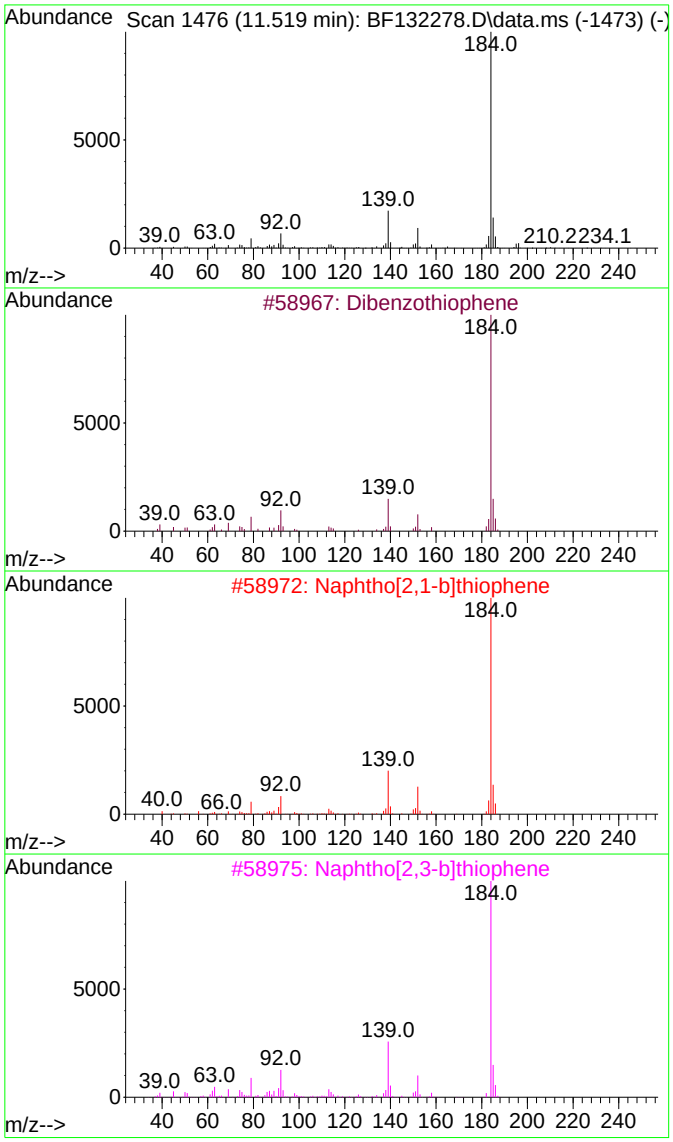
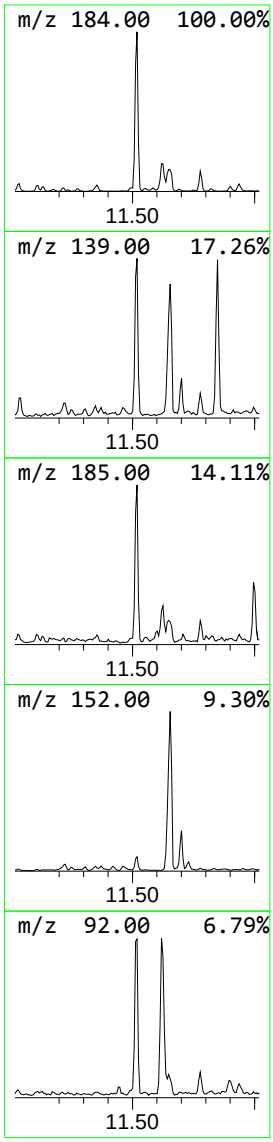
Peak Number 8 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	12.74 ng	623806	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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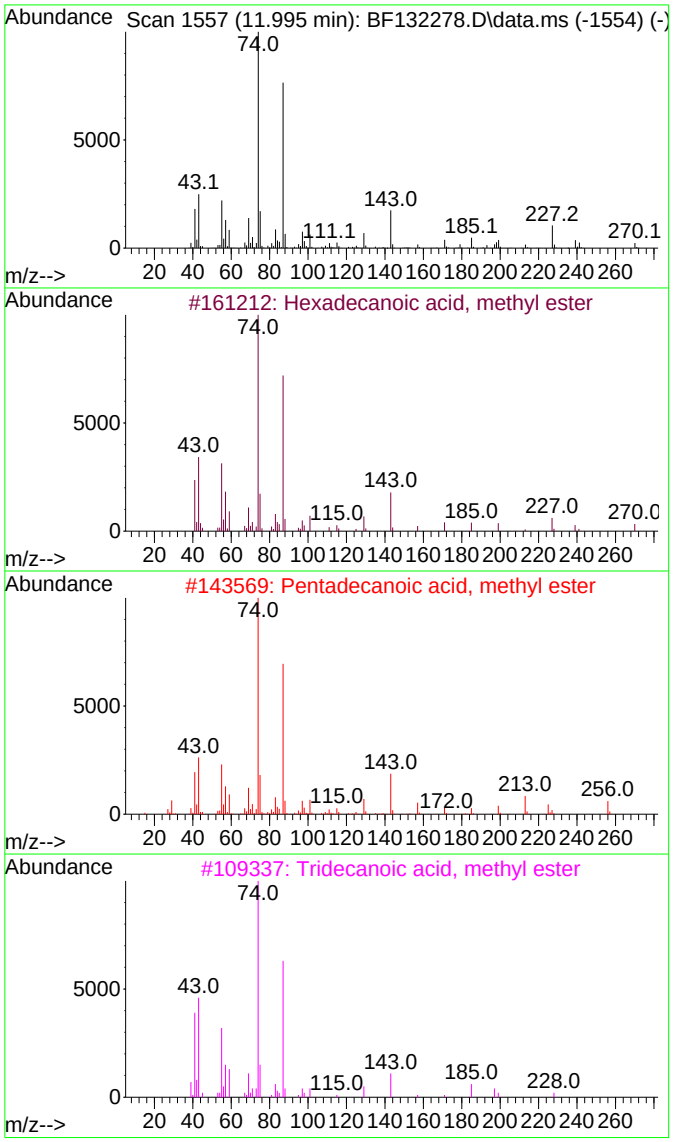
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

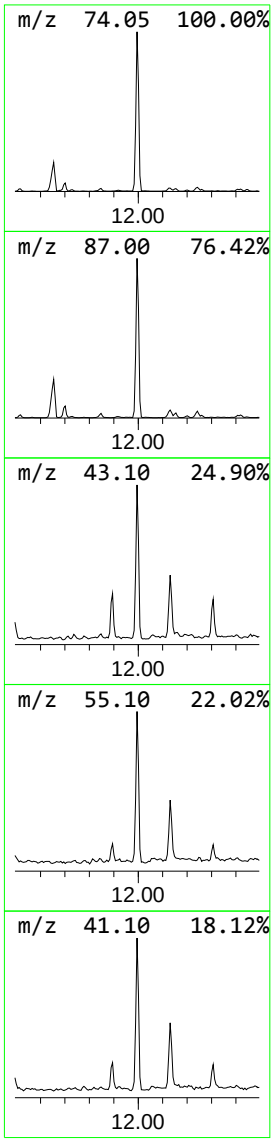
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.995	27.86 ng	1363830	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	74





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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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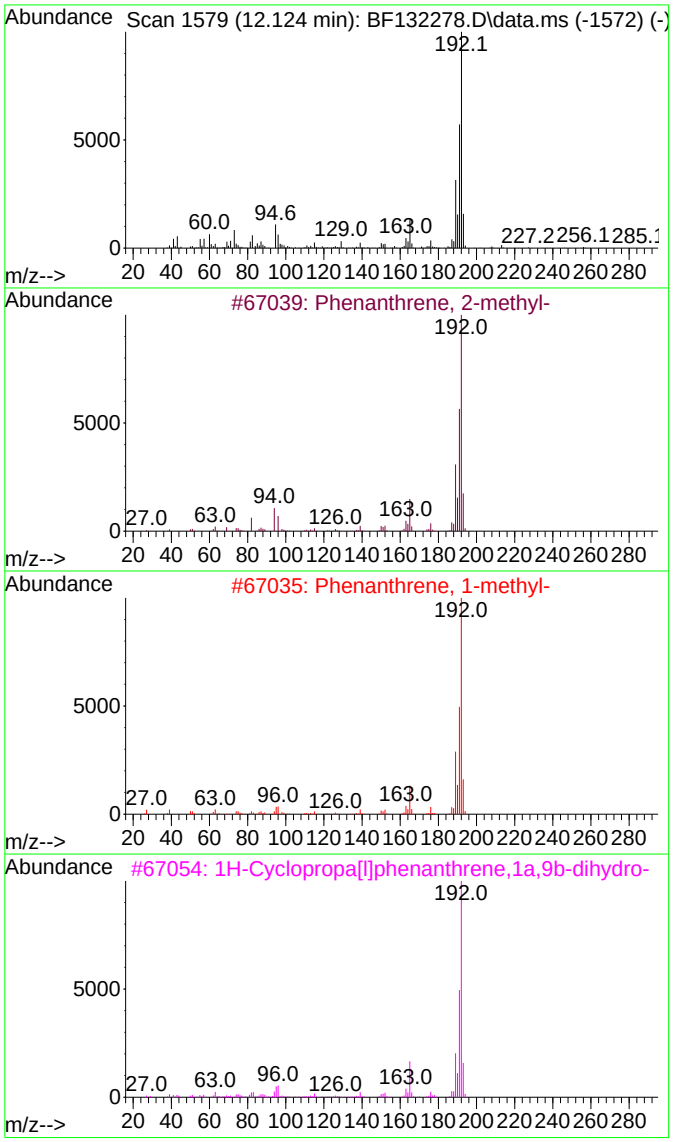
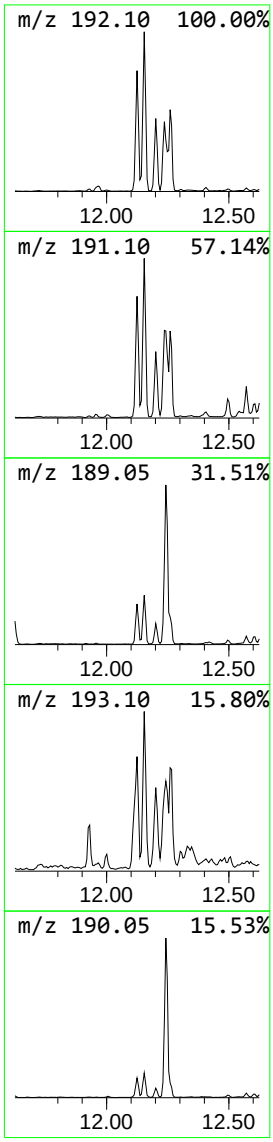
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	31.47 ng	1540460	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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

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

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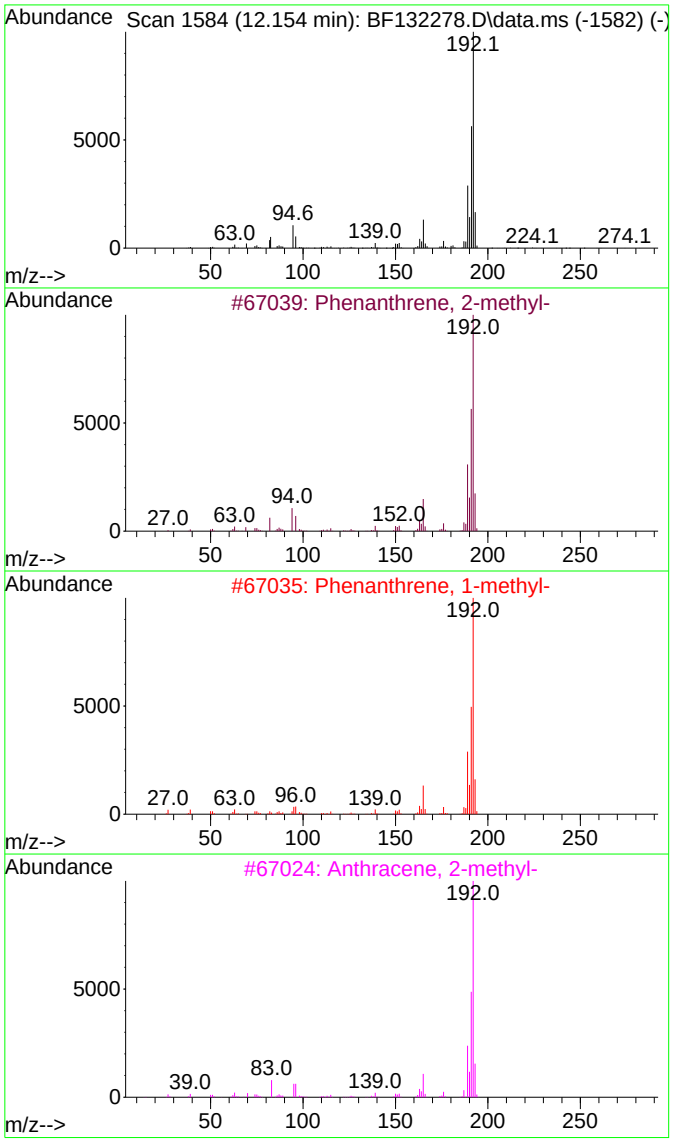
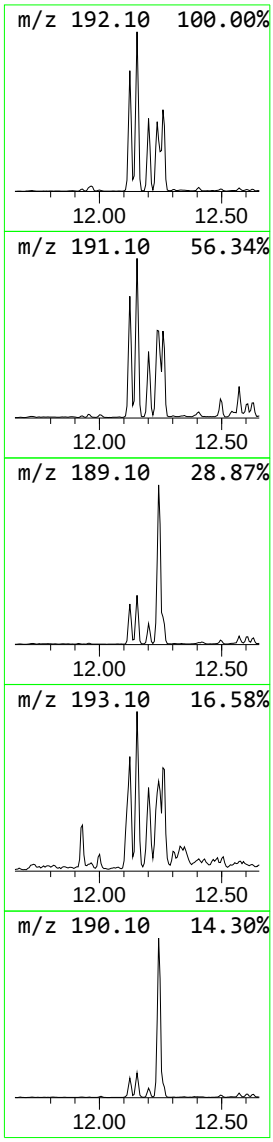
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.154	23.15 ng	1133130	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : 01374-01
Misc :
ALS Vial : 18 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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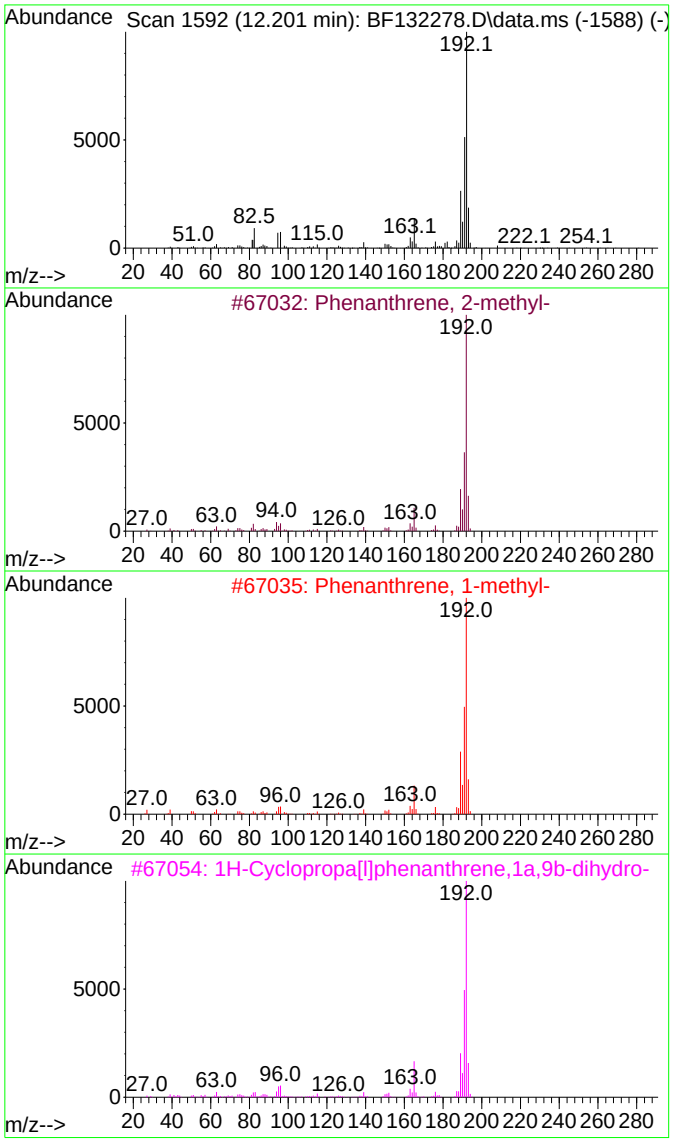
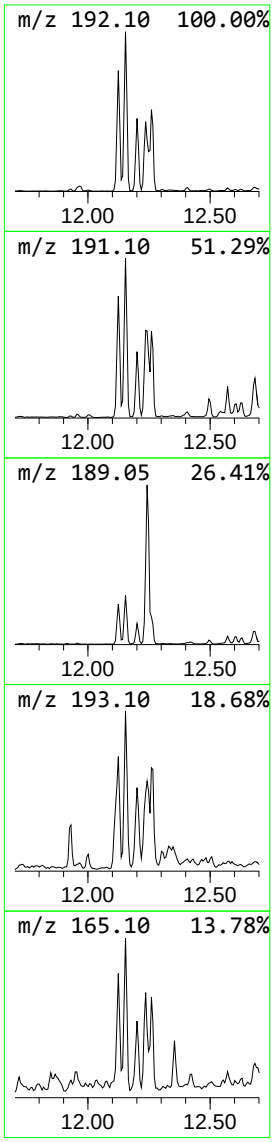
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.201	11.59 ng	567238	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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Misc :
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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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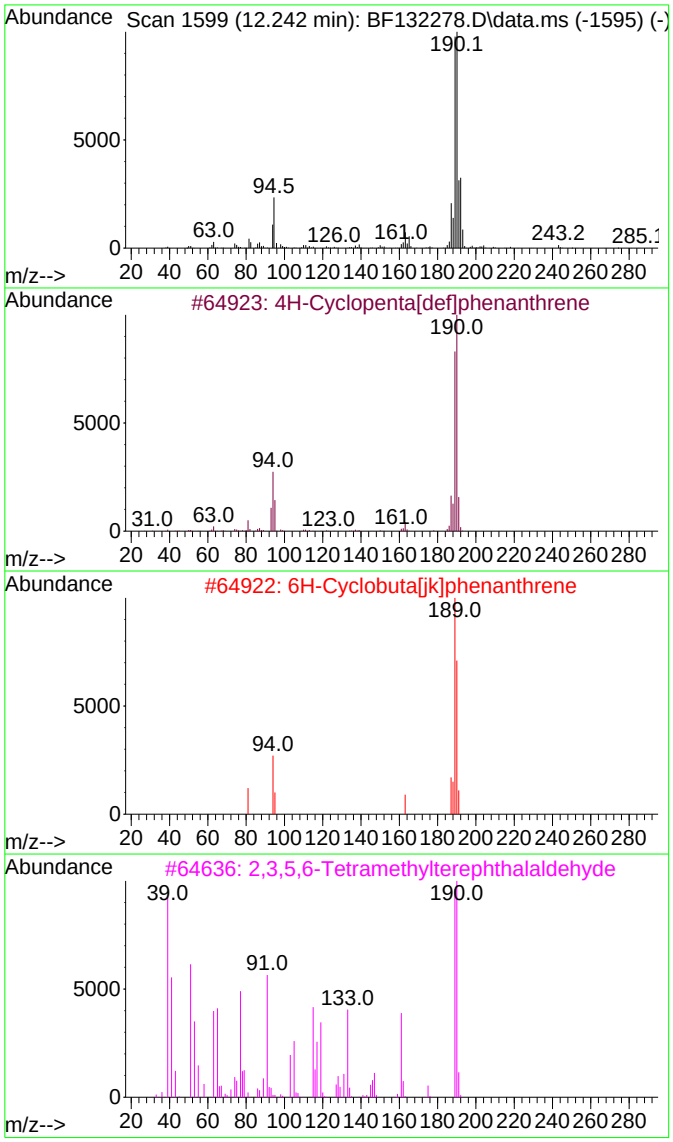
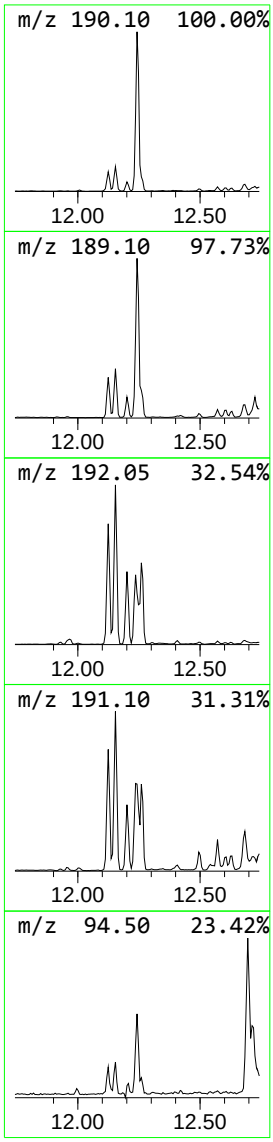
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.242	38.06 ng	1862970	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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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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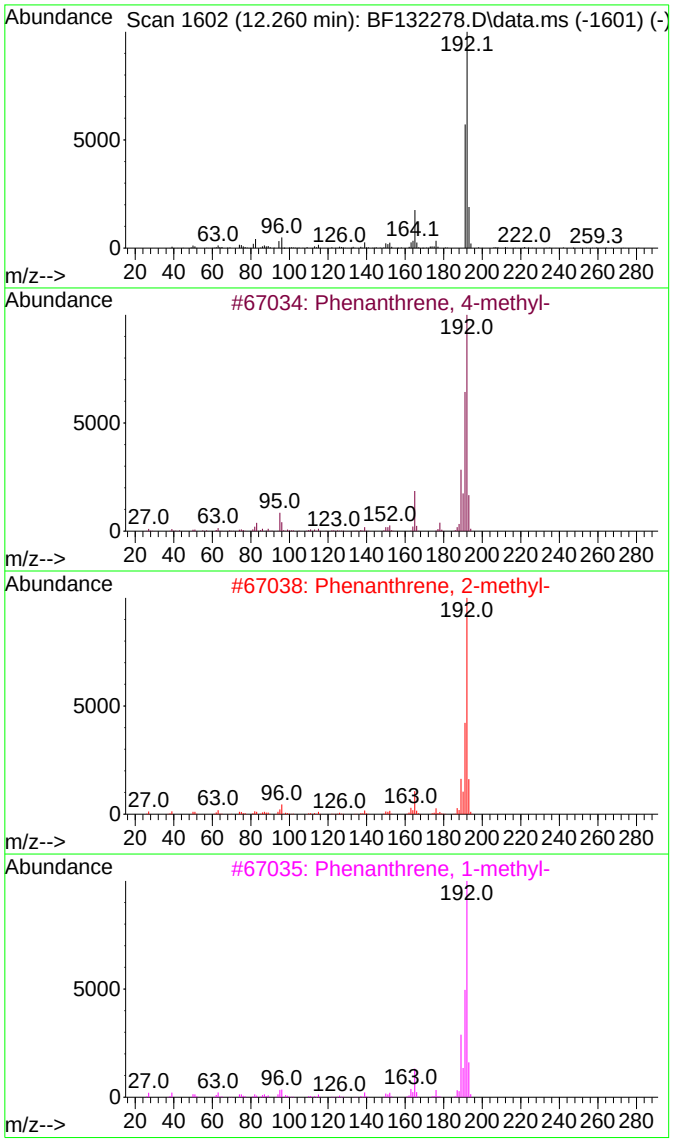
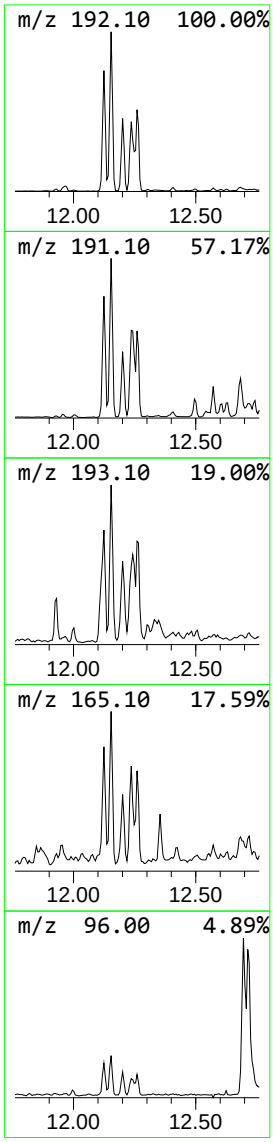
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.260	9.99 ng	489152	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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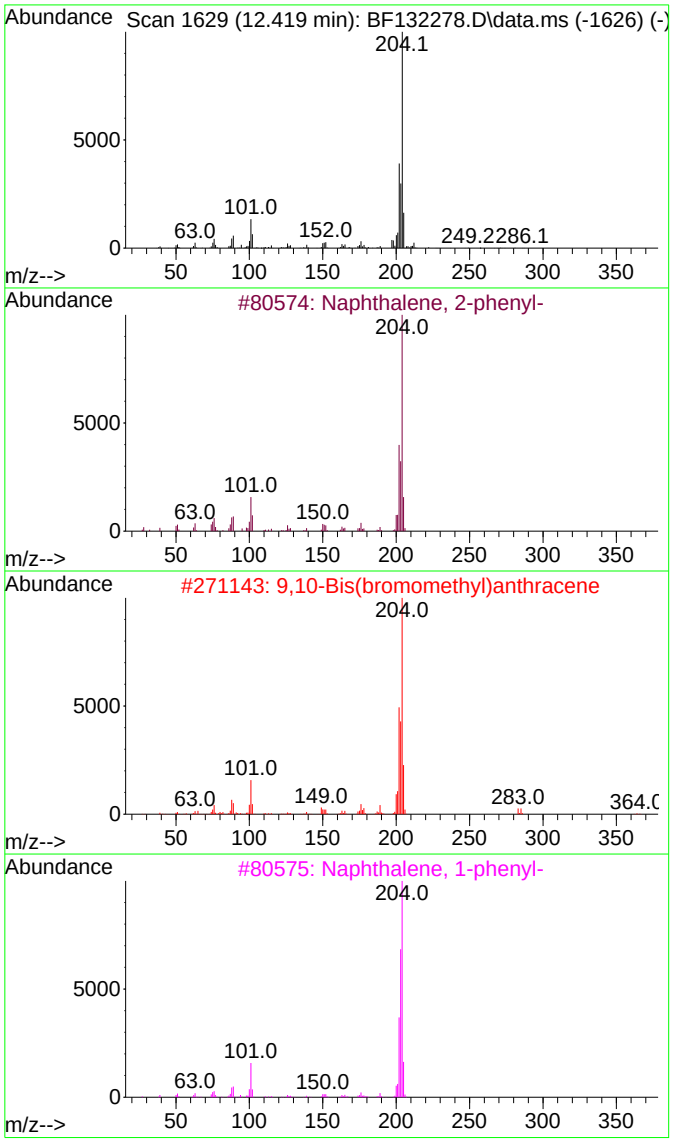
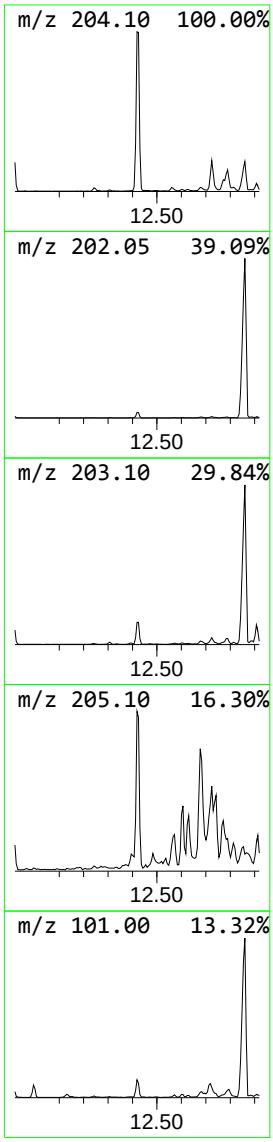
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.419	14.38 ng	703693	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	43





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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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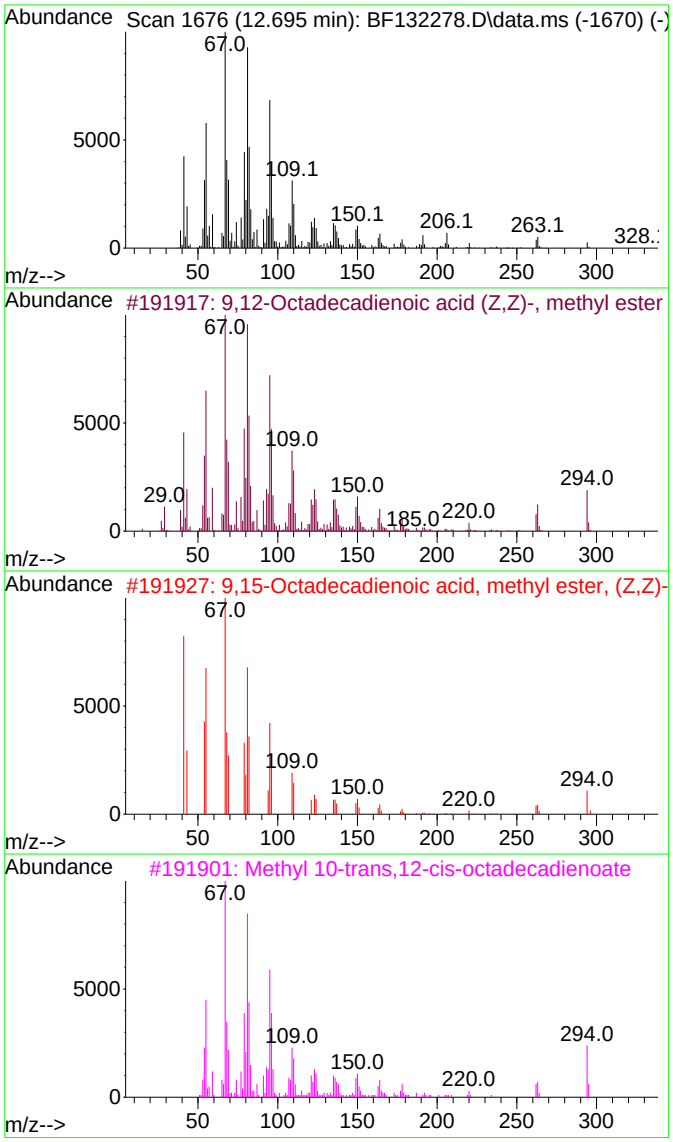
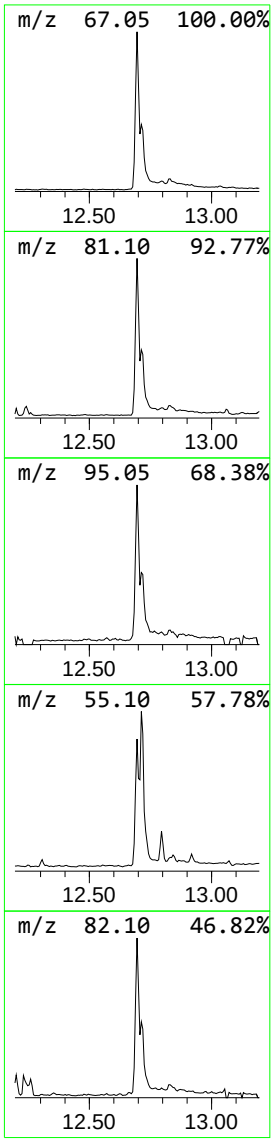
Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	76.81 ng	3759920	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





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Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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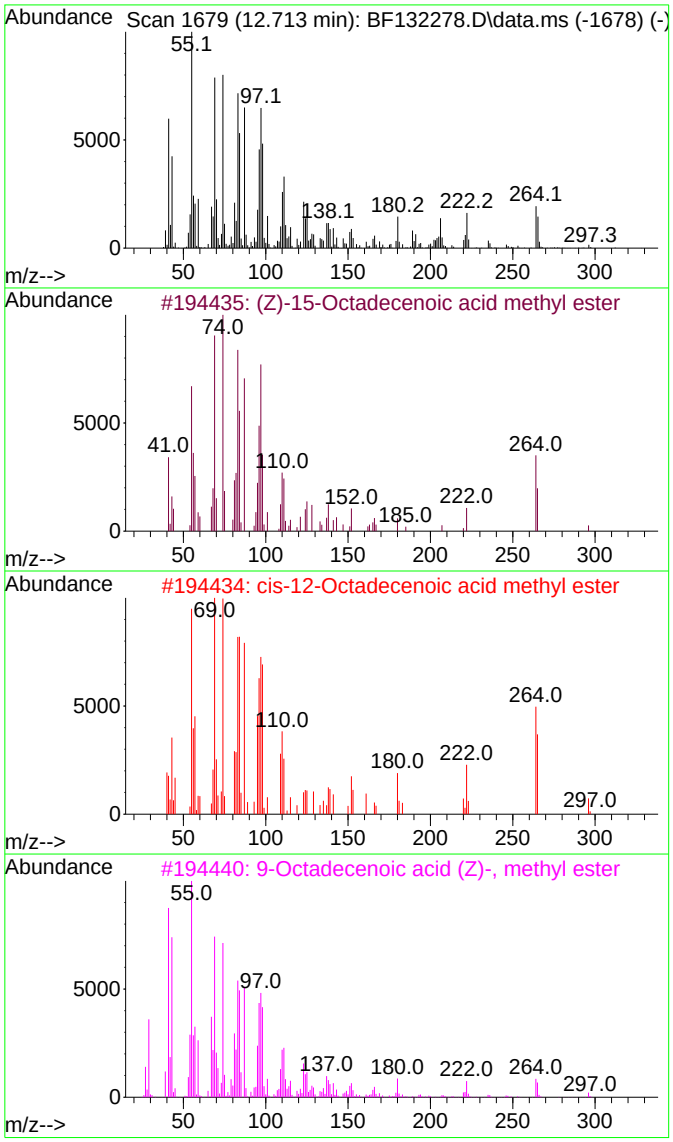
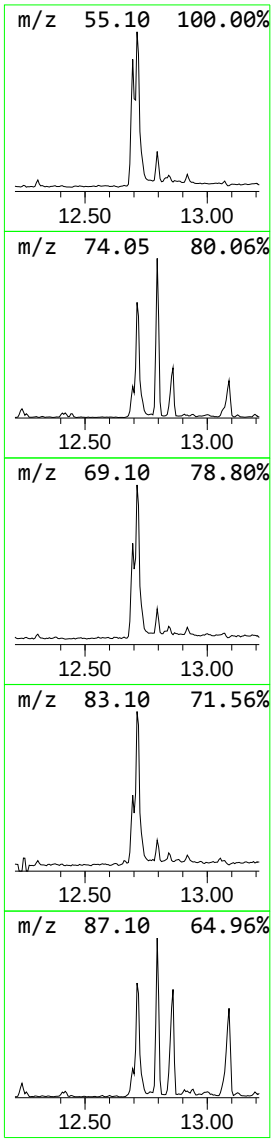
Peak Number 17 (Z)-15-Octadecenoic acid me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	66.80 ng	3270000	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	96
2	cis-12-Octadecenoic acid methyl ...	296	C19H36O2	1000427-68-4	91
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90





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Data File : BF132278.D
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Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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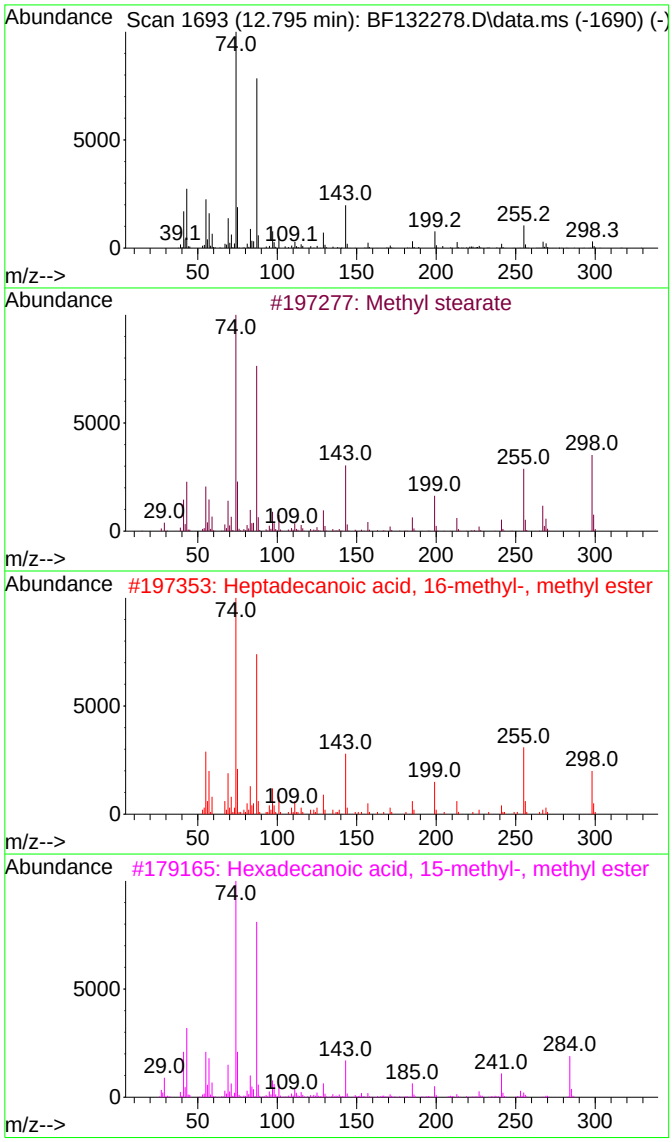
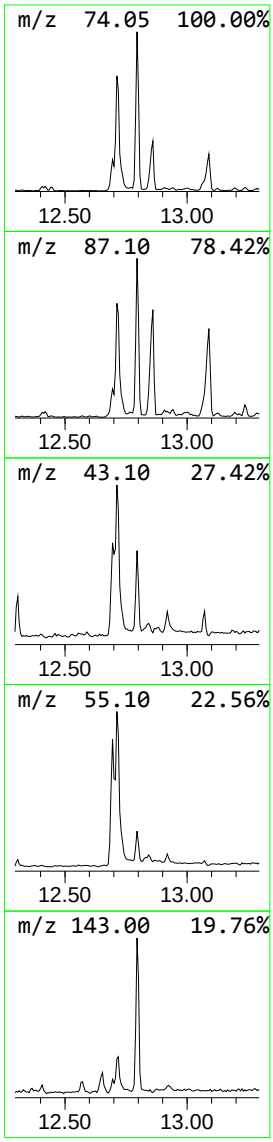
Peak Number 18 Methyl stearate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.795	17.27 ng	845607	Phenanthrene-d10	11.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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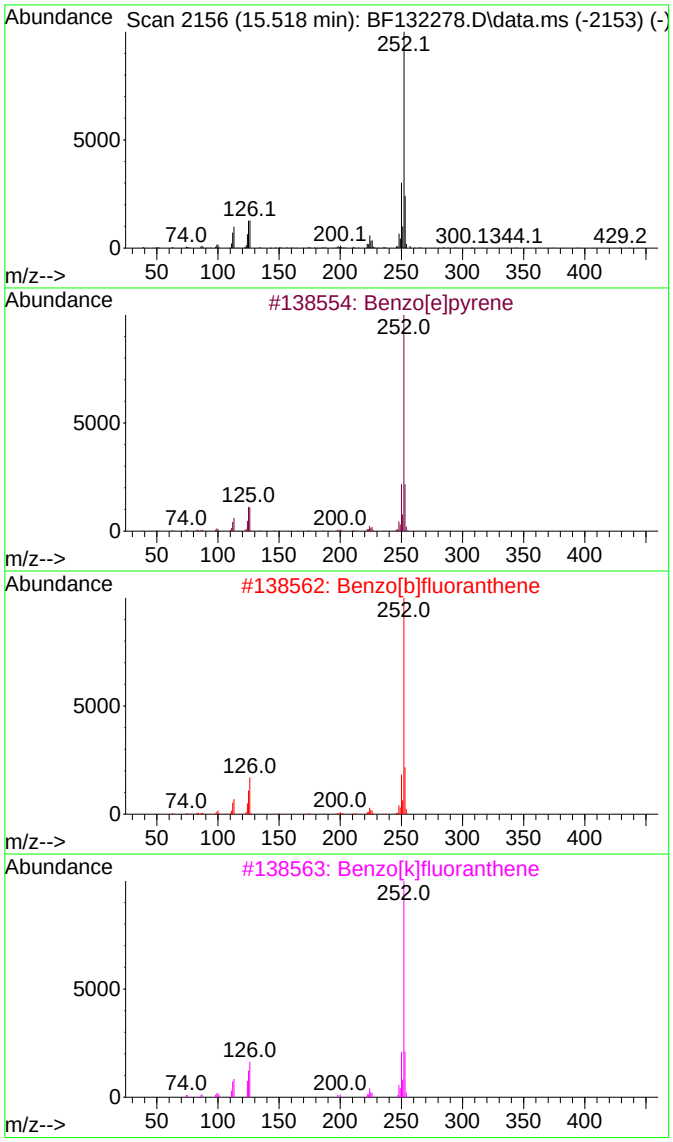
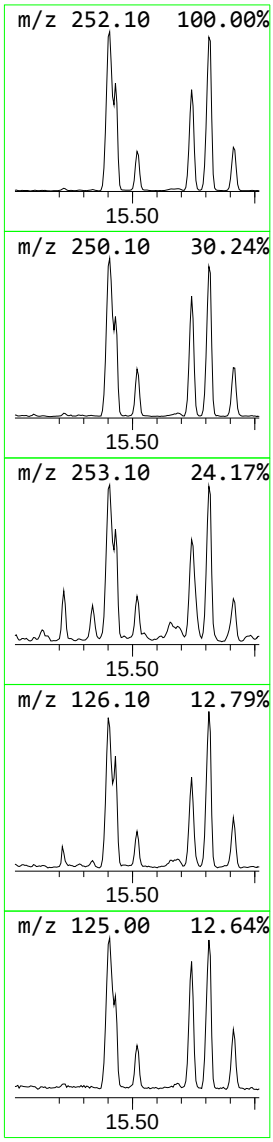
Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.518	13.25 ng	418238	Perylene-d12	15.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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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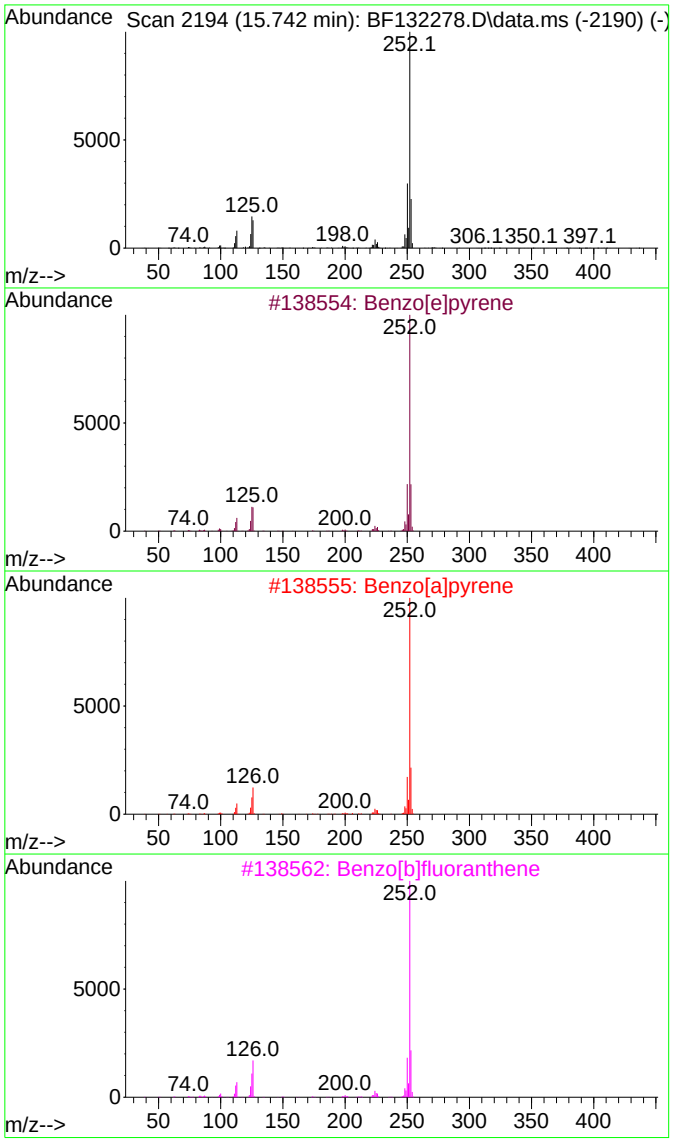
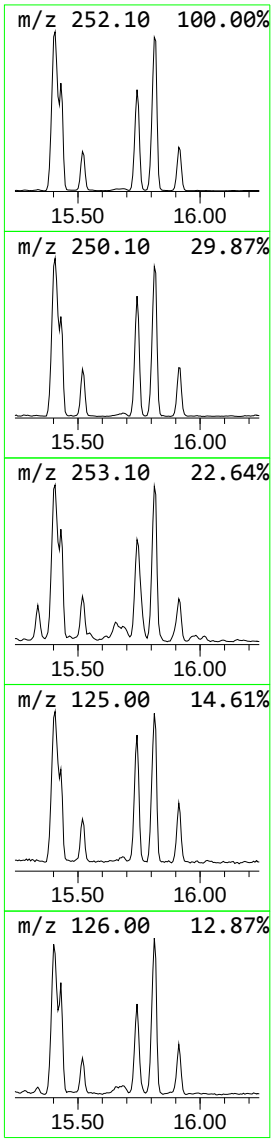
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.742	45.39 ng	1433110	Perylene-d12	15.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132278.D
Acq On : 02 Feb 2023 00:48
Operator : CG\JU
Sample : 01374-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-3-13123-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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-...	5.307	28.9	ng	1260610	1	7.072	872012	20.0
Naphthalene, 2,...	9.701	12.0	ng	623408	3	10.119	1039060	20.0
Naphthalene, 1,...	9.772	17.6	ng	911719	3	10.119	1039060	20.0
Dodecane, 1-iodo-	10.536	9.7	ng	503910	3	10.119	1039060	20.0
Benzophenone	10.830	22.2	ng	1152480	3	10.119	1039060	20.0
9H-Fluorene, 1-...	11.225	10.7	ng	525015	4	11.624	979038	20.0
3'-Methyl-[1,1'...	11.466	9.8	ng	480500	4	11.624	979038	20.0
Dibenzothiophene	11.519	12.7	ng	623806	4	11.624	979038	20.0
Hexadecanoic ac...	11.995	27.9	ng	1363830	4	11.624	979038	20.0
Phenanthrene, 2...	12.124	31.5	ng	1540460	4	11.624	979038	20.0
Phenanthrene, 1...	12.154	23.1	ng	1133130	4	11.624	979038	20.0
1H-Cyclopropa[l...	12.201	11.6	ng	567238	4	11.624	979038	20.0
4H-Cyclopenta[d...	12.242	38.1	ng	1862970	4	11.624	979038	20.0
Phenanthrene, 4...	12.260	10.0	ng	489152	4	11.624	979038	20.0
Naphthalene, 2-...	12.419	14.4	ng	703693	4	11.624	979038	20.0
9,12-Octadecadi...	12.695	76.8	ng	3759920	4	11.624	979038	20.0
(Z)-15-Octadece...	12.713	66.8	ng	3270000	4	11.624	979038	20.0
Methyl stearate	12.795	17.3	ng	845607	4	11.624	979038	20.0
Benzo[e]pyrene	15.518	13.3	ng	418238	6	15.877	631400	20.0
Perylene	15.742	45.4	ng	1433110	6	15.877	631400	20.0