LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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: BF132280.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	429	rVB	1058791	1270065	10.43%	0.854%
2	5.690	479	485	489	rBV	2927430	3239071	26.60%	2.177%
3	6.684	649	654	658	rBV	2644441	3112929	25.56%	2.092%
4	7.072	716	720	723	rBV	1192233	903595	7.42%	0.607%
5	7.454	781	785	796	rVB5	155316	290869	2.39%	0.196%
6	7.631	812	815	818	rBV	2025311	1971886	16.19%	1.325%
7	8.360	935	939	940	rVV	1282593	1113493	9.14%	0.748%
8	8.384	940	943	946	rVV	5000329	4441682	36.47%	2.985%
9	8.431	949	951	958	rVB	401787	341298	2.80%	0.229%
10	8.937	1034	1037	1042	rVB2	305580	283222	2.33%	0.190%
11	9.072	1057	1060	1064	rVB	2367121	1927128	15.82%	1.295%
12	9.125	1064	1069	1072	rBV	609801	562642	4.62%	0.378%
13	9.172	1072	1077	1080	rBV	1747020	1544879	12.69%	1.038%
14	9.437	1118	1122	1125	rVB	3684298	3345631	27.47%	2.249%
15	9.501	1130	1133	1136	rBV	424910	341681	2.81%	0.230%
16	9.536	1136	1139	1142	rVB	526076	448673	3.68%	0.302%
17	9.631	1153	1155	1160	rVB	220967	252900	2.08%	0.170%
18	9.701	1163	1167	1171	rVB	650018	893898	7.34%	0.601%
19	9.778	1174	1180	1182	rBV	1007776	1103751	9.06%	0.742%
20	9.801	1182	1184	1187	rBV	658968	476336	3.91%	0.320%
21	9.895	1198	1200	1202	rBV	420117	296032	2.43%	0.199%
22	9.984	1211	1215	1219	rVB2	784387	741392	6.09%	0.498%
23	10.036	1221	1224	1228	rVB	342137	283757	2.33%	0.191%
24	10.095	1232	1234	1236	rVV	392377	326260	2.68%	0.219%
25	10.125	1236	1239	1241	rVV	1156760	1005595	8.26%	0.676%
26	10.160	1241	1245	1247	rVV	2670376	2429021	19.95%	1.633%
27	10.278	1260	1265	1270	rVV2	213683	337251	2.77%	0.227%
28	10.331	1270	1274	1277	rVV	2355335	2174963	17.86%	1.462%
29	10.360	1277	1279	1283	rVB	402859	306209	2.51%	0.206%
30	10.436	1288	1292	1295	rBV2	428639	449534	3.69%	0.302%
31	10.466	1295	1297	1302	rVB	361398	310453	2.55%	0.209%
32	10.536	1303	1309	1313	rBV4	420194	655649	5.38%	0.441%
33	10.678	1329	1333	1336	rVV	3575078	3262174	26.79%	2.193%
34	10.742	1342	1344	1345	rVV	343337	316215	2.60%	0.213%
35	10.760	1345	1347	1349	rVV2	528935	460470	3.78%	0.309%
36	10.831	1356	1359	1363	rVB2	1341368	1419469	11.66%	0.954%

LSC Area Percent Report

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Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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	10.919	1370	1374	1377	rVB	2720145	2840439	23.32%	1.909%
38	11.013	1387	1390	1392	rBV2	356155	383910	3.15%	0.258%
39	11.225	1420	1426	1428	rBV2	809605	899964	7.39%	0.605%
40	11.254	1428	1431	1433	rVV2	339750	336620	2.76%	0.226%
41	11.307	1437	1440	1443	rVV2	487351	392617	3.22%	0.264%
42	11.348	1443	1447	1449	rVV3	388621	464566	3.81%	0.312%
43	11.372	1449	1451	1453	rVV2	379894	353911	2.91%	0.238%
44	11.466	1463	1467	1471	rBV2	666305	815881	6.70%	0.548%
45	11.519	1473	1476	1481	rVB	1354946	1189814	9.77%	0.800%
46	11.625	1490	1494	1495	rBV	857620	836952	6.87%	0.563%
47	11.666	1495	1501	1503	rVV	9019656	12178483	100.00%	8.186%
48	11.707	1503	1508	1510	rVV	3804412	3342494	27.45%	2.247%
49	11.730	1510	1512	1518	rVB	690827	691573	5.68%	0.465%
50	11.854	1528	1533	1538	rVV	1843043	1826435	15.00%	1.228%
51	11.919	1542	1544	1548	rBV2	353962	318104	2.61%	0.214%
52	11.995	1554	1557	1561	rVB2	516834	433565	3.56%	0.291%
53	12.130	1573	1580	1582	rBV	2156959	2323803	19.08%	1.562%
54	12.160	1582	1585	1588	rVB	2341774	2161501	17.75%	1.453%
55	12.207	1588	1593	1596	rBV	955725	979240	8.04%	0.658%
56	12.248	1596	1600	1606	rBV2	2849553	4025157	33.05%	2.705%
57	12.307	1606	1610	1612	rBV3	335801	327670	2.69%	0.220%
58	12.425	1627	1630	1632	rBV	1348721	1065221	8.75%	0.716%
59	12.454	1632	1635	1637	rVB	525898	470370	3.86%	0.316%
60	12.572	1650	1655	1658	rBV3	427297	481765	3.96%	0.324%
61	12.630	1663	1665	1667	rVB	353254	264475	2.17%	0.178%
62	12.695	1670	1676	1678	rBV3	1236600	1915668	15.73%	1.288%
63	12.713	1678	1679	1686	rVB3	1014688	1435764	11.79%	0.965%
64	12.777	1686	1690	1691	rBV	266581	328938	2.70%	0.221%
65	12.866	1699	1705	1707	rBV	7812683	10728231	88.09%	7.211%
66	12.889	1707	1709	1711	rVV2	423599	367141	3.01%	0.247%
67	12.913	1711	1713	1716	rVV2	439361	436684	3.59%	0.294%
68	12.942	1716	1718	1721	rVB	415797	388870	3.19%	0.261%
69	12.977	1721	1724	1726	rBV3	195643	272730	2.24%	0.183%
70	13.007	1726	1729	1732	rVB2	453869	450865	3.70%	0.303%
71	13.101	1737	1745	1748	rBV2	7113687	11347852	93.18%	7.627%
72	13.130	1748	1750	1754	rVB3	753873	723425	5.94%	0.486%
73	13.219	1758	1765	1767	rBV2	3185938	3469792	28.49%	2.332%
74	13.242	1767	1769	1772	rVB	587738	489109	4.02%	0.329%
75	13.301	1774	1779	1782	rBV3	672851	1211173	9.95%	0.814%
76	13.383	1790	1793	1795	rBV3	581494	703137	5.77%	0.473%

LSC Area Percent Report

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Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

77	13.413	1795	1798	1800	rVV	1719135	1518377	12.47%	1.021%
78	13.477	1806	1809	1812	rBV	1606695	1504772	12.36%	1.011%
79	13.519	1812	1816	1818	rVV2	942781	1075514	8.83%	0.723%
80	13.613	1829	1832	1834	rBV	517509	406072	3.33%	0.273%
81	13.642	1834	1837	1840	rBV2	598483	558488	4.59%	0.375%
82	13.895	1877	1880	1883	rBV2	295461	380310	3.12%	0.256%
83	14.036	1901	1904	1906	rBV	474020	440381	3.62%	0.296%
84	14.066	1906	1909	1911	rVV	876914	797819	6.55%	0.536%
85	14.089	1911	1913	1927	rVB4	698298	1611671	13.23%	1.083%
86	14.283	1942	1946	1950	rBV3	3432996	4550215	37.36%	3.058%
87	14.324	1950	1953	1959	rVB	3413773	3269738	26.85%	2.198%
88	14.401	1963	1966	1969	rBV	787272	684750	5.62%	0.460%
89	14.513	1982	1985	1989	rBV2	458358	563628	4.63%	0.379%
90	14.683	2011	2014	2016	rVB	564075	557327	4.58%	0.375%
91	14.819	2034	2037	2039	rBV	312928	312402	2.57%	0.210%
92	14.842	2039	2041	2045	rVB2	530168	450502	3.70%	0.303%
93	15.413	2132	2138	2141	rBV	2023841	3658491	30.04%	2.459%
94	15.530	2154	2158	2161	rVB	512035	581691	4.78%	0.391%
95	15.754	2191	2196	2202	rVB	1284120	1995723	16.39%	1.341%
96	15.830	2203	2209	2214	rVV	1999480	2910474	23.90%	1.956%
97	15.889	2215	2219	2222	rVV	459032	704206	5.78%	0.473%
98	15.924	2222	2225	2232	rVB2	634757	870255	7.15%	0.585%
99	17.554	2496	2502	2510	rVB2	837606	1819249	14.94%	1.223%
100	18.059	2584	2588	2602	rVB	562540	1242851	10.21%	0.835%

Sum of corrected areas: 148778888

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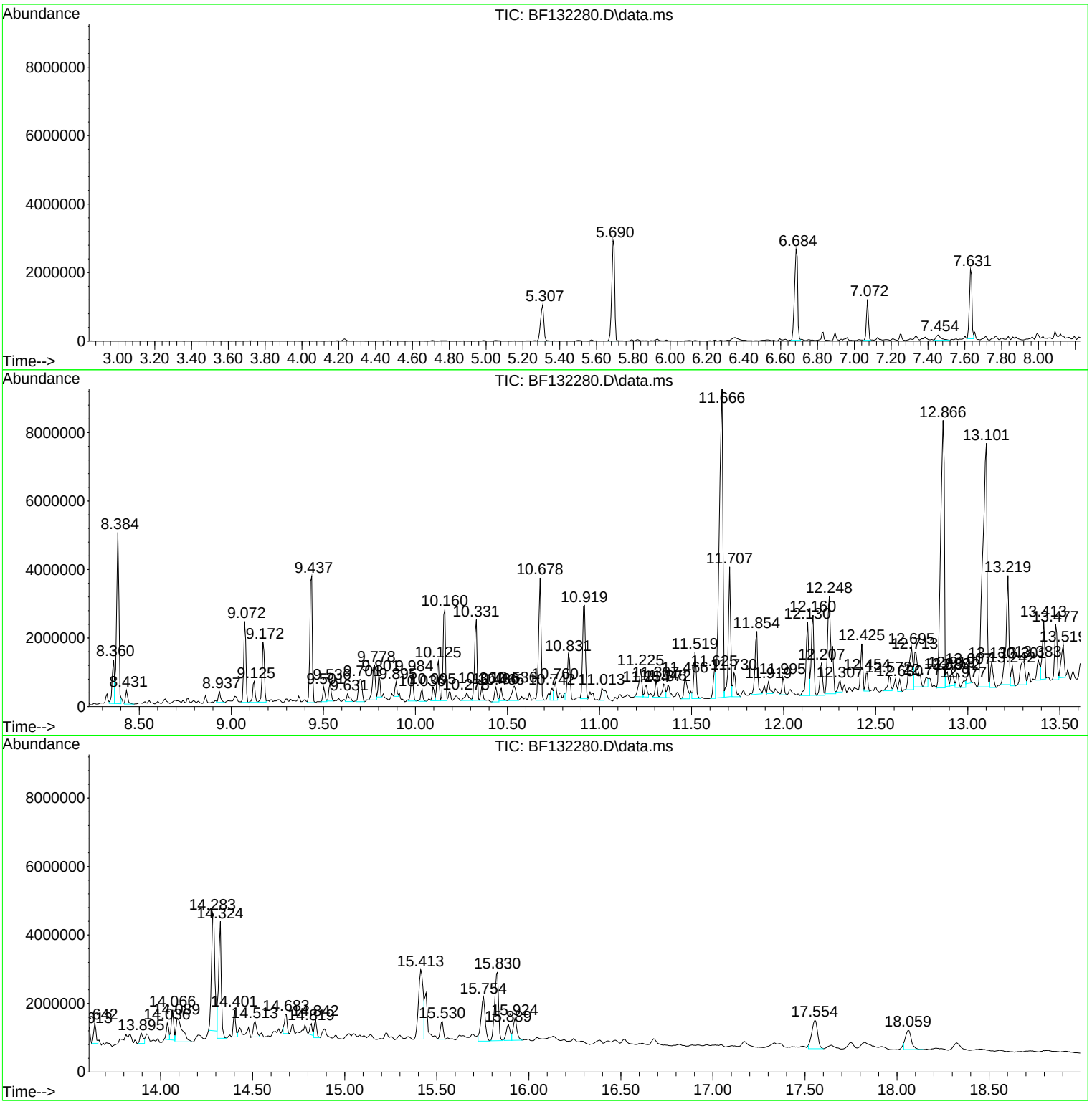
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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 : BF132280.D
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JC-3-13123-B

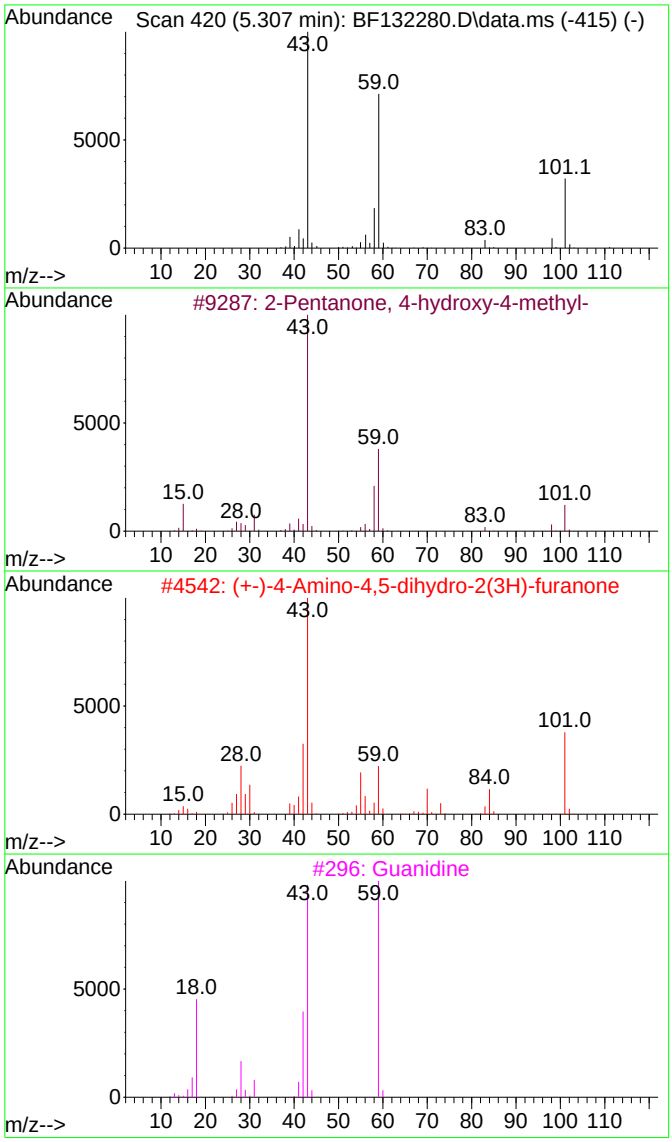
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

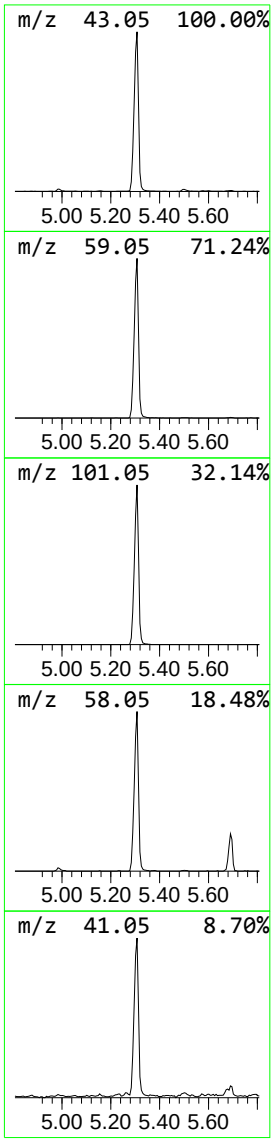
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.307	28.11 ng	1270070	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	56
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 : BF132280.D
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BNA_F
ClientSampleId :
JC-3-13123-B

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

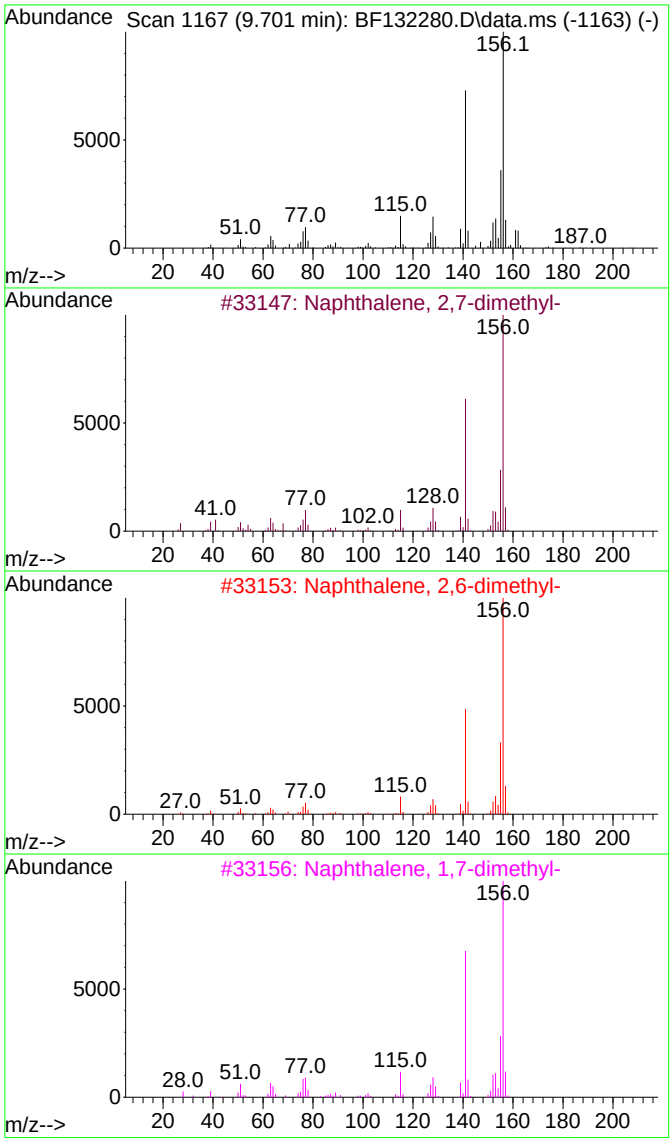
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

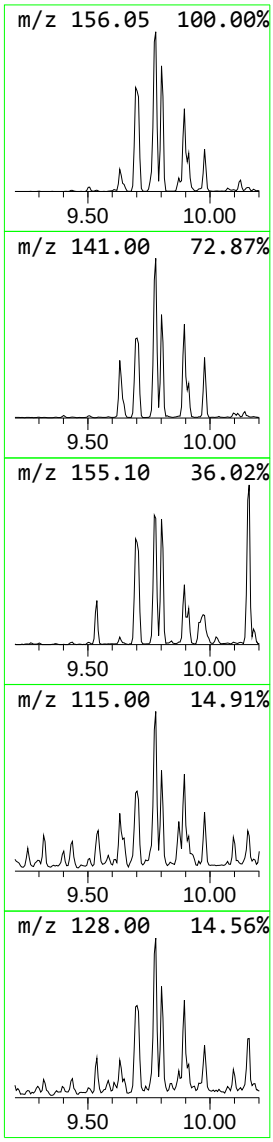
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.701	17.78 ng	893898	Acenaphthene-d10	10.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

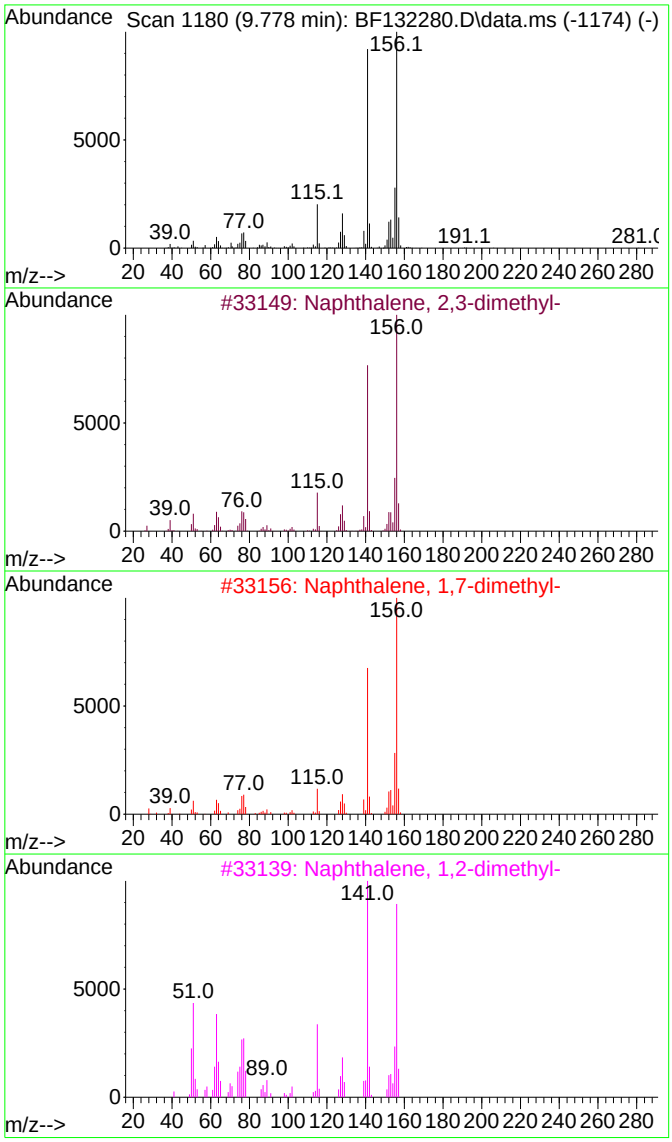
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

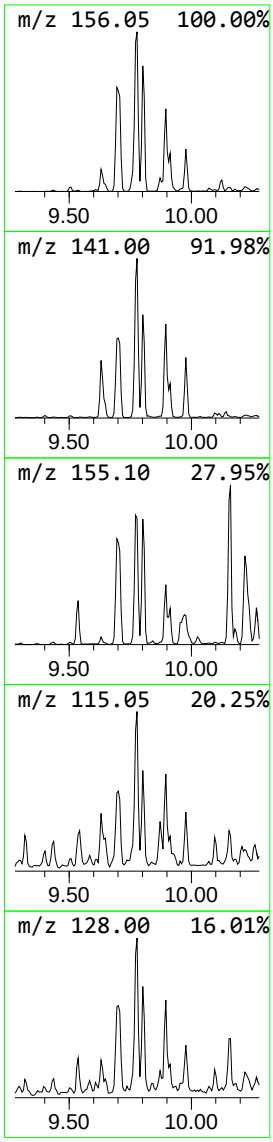
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.778	21.95 ng	1103750	Acenaphthene-d10	10.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

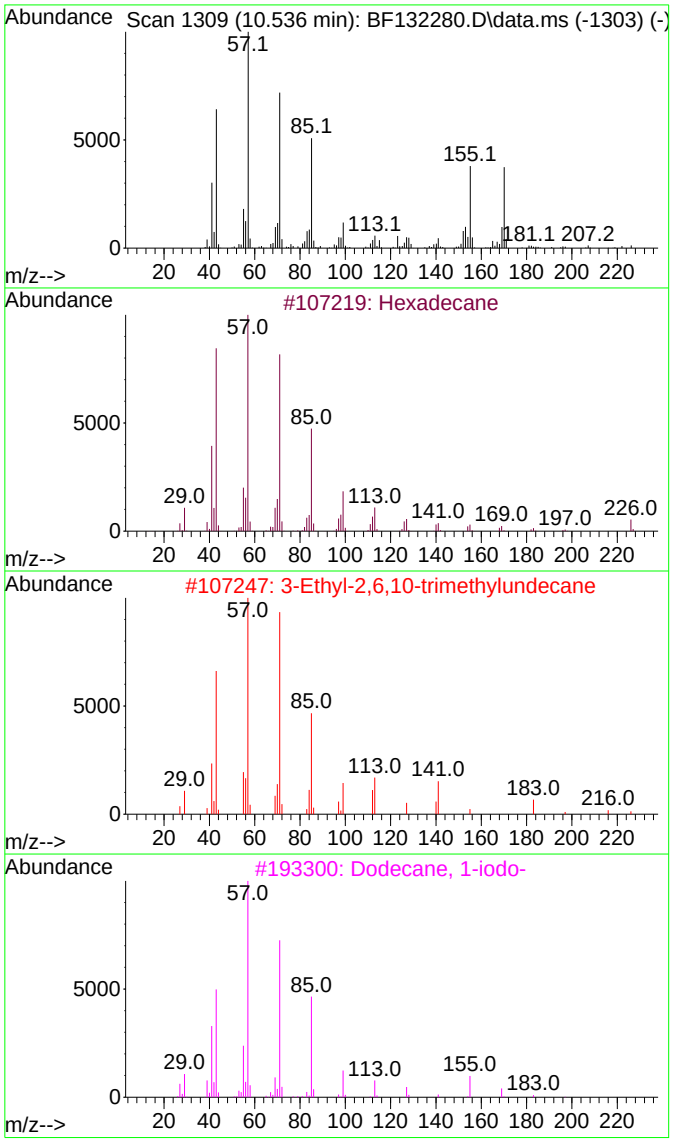
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

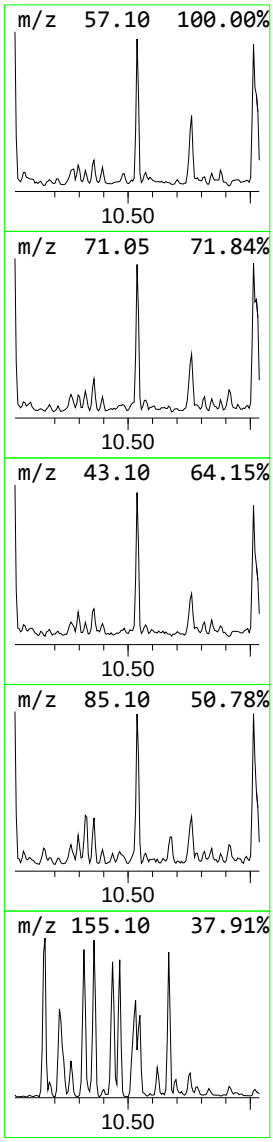
****

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.536	13.04 ng	655649	Acenaphthene-d10	10.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	60
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

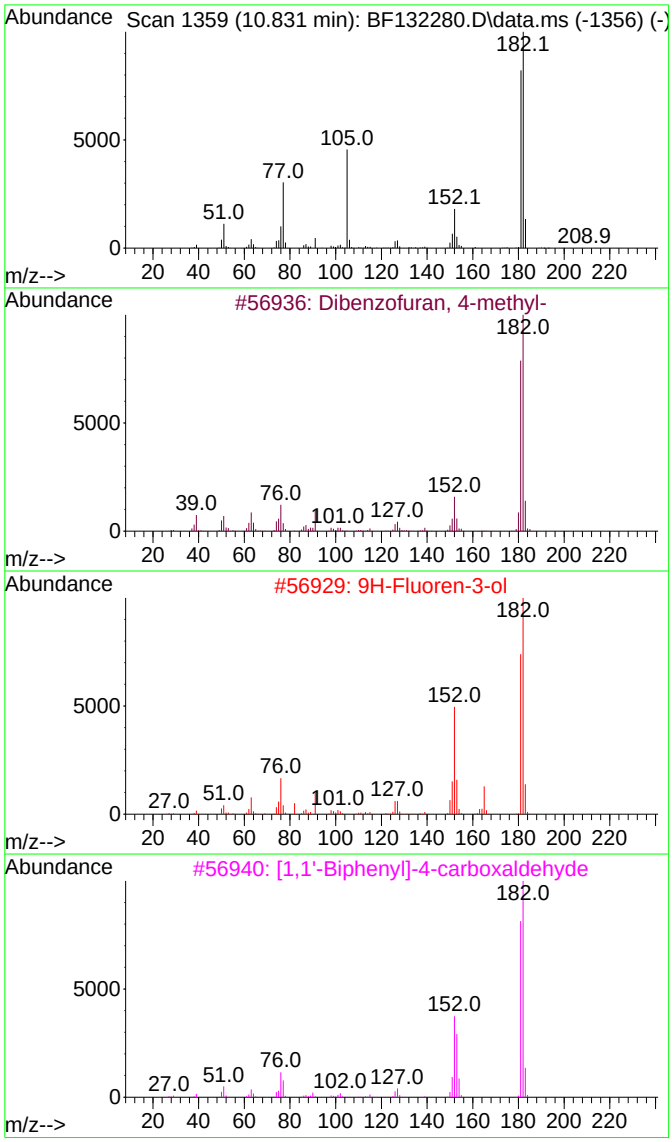
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

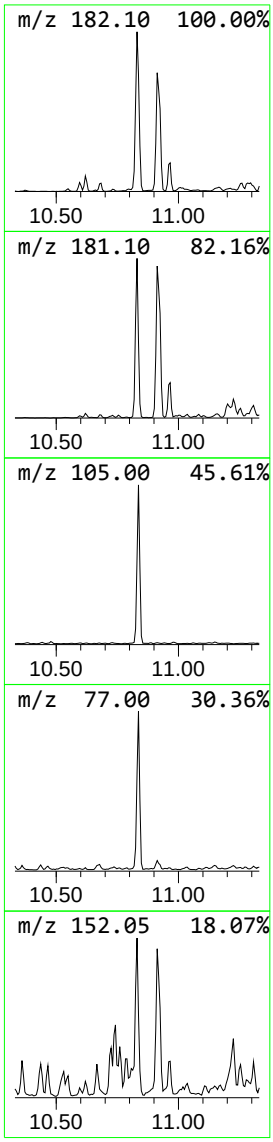
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.831	28.23 ng	1419470	Acenaphthene-d10	10.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59





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Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-3-13123-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

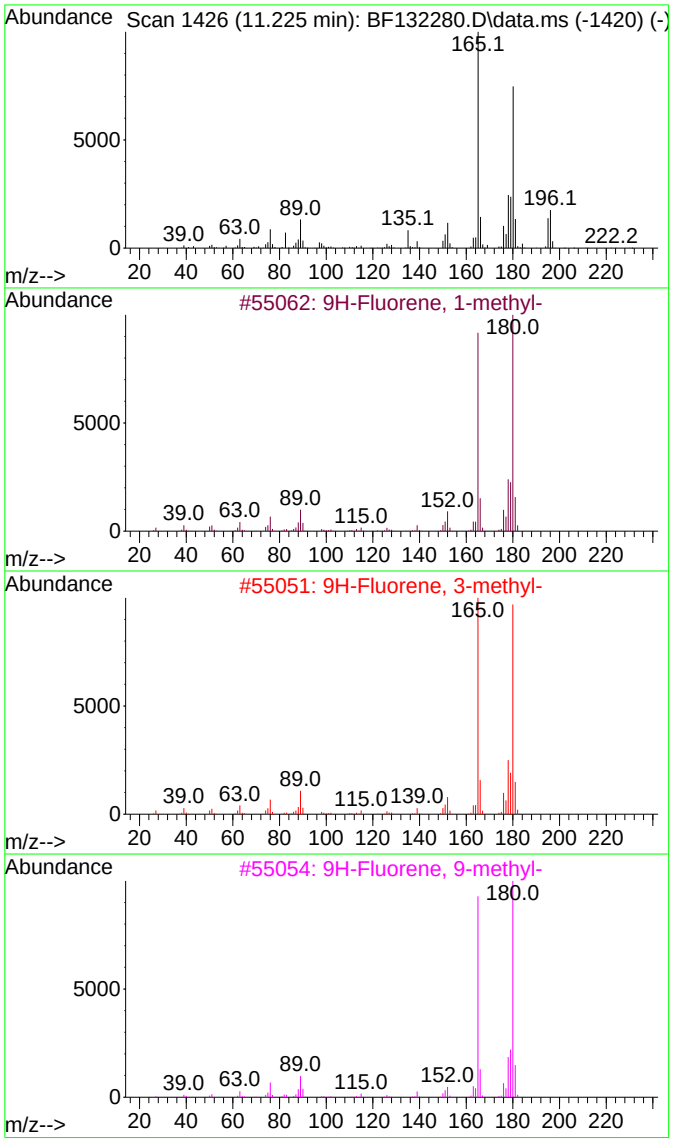
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

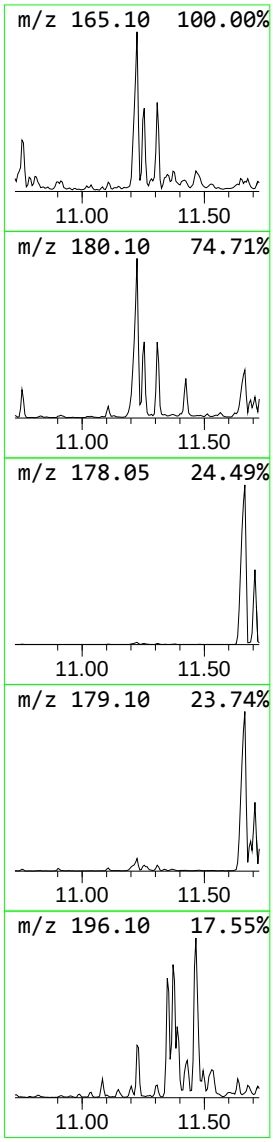
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.225	21.51 ng	899964	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	55





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
JC-3-13123-B

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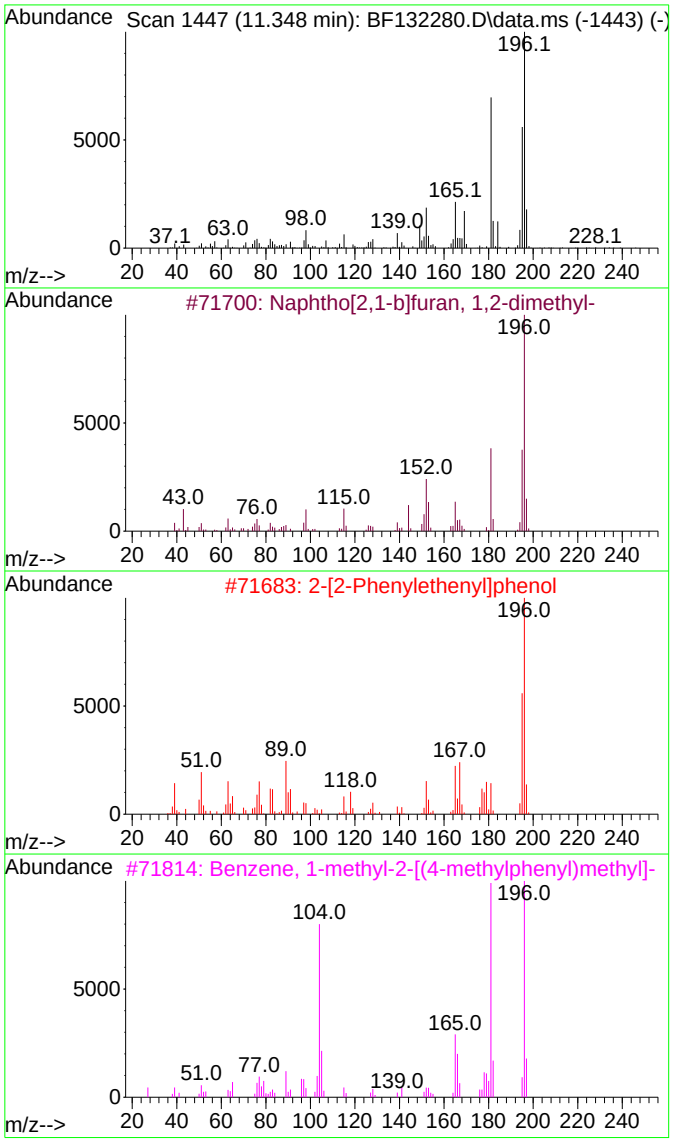
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

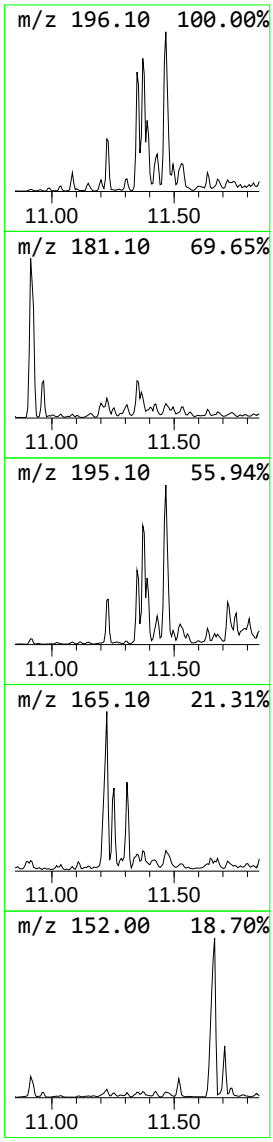
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.348	11.10 ng	464566	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	80
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	64
3	Benzene, 1-methyl-2-[(4-methylph...	196	C15H16	021895-17-0	58
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	58
5	Pentamethylmelamine	196	C8H16N6	035832-09-8	52





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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

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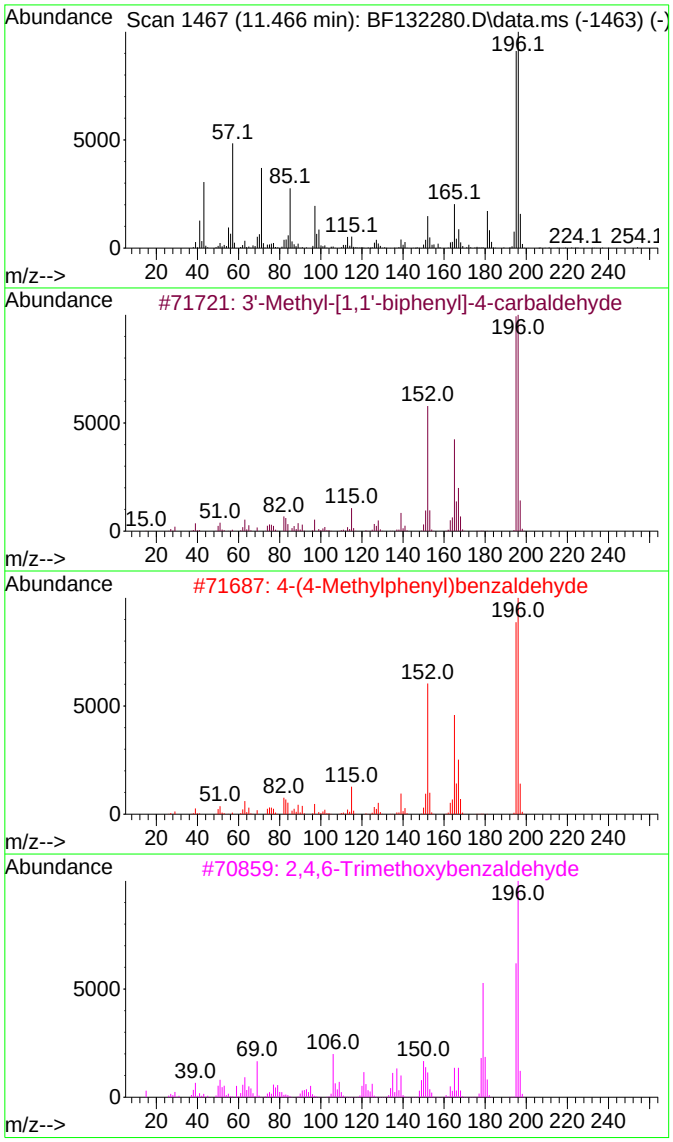
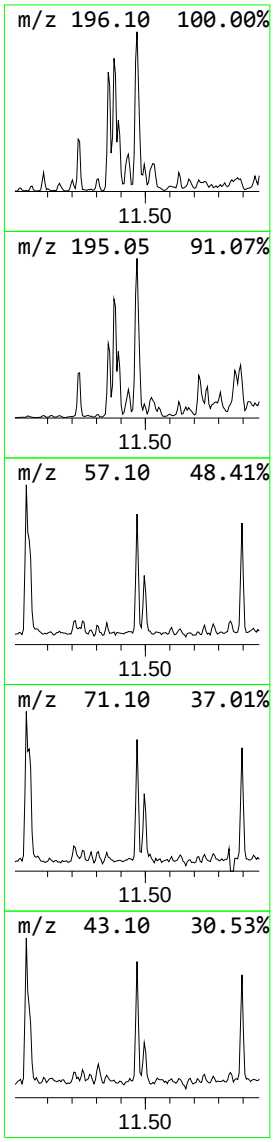
Peak Number 8 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.466	19.50 ng	815881	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	86
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	86
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-3-13123-B

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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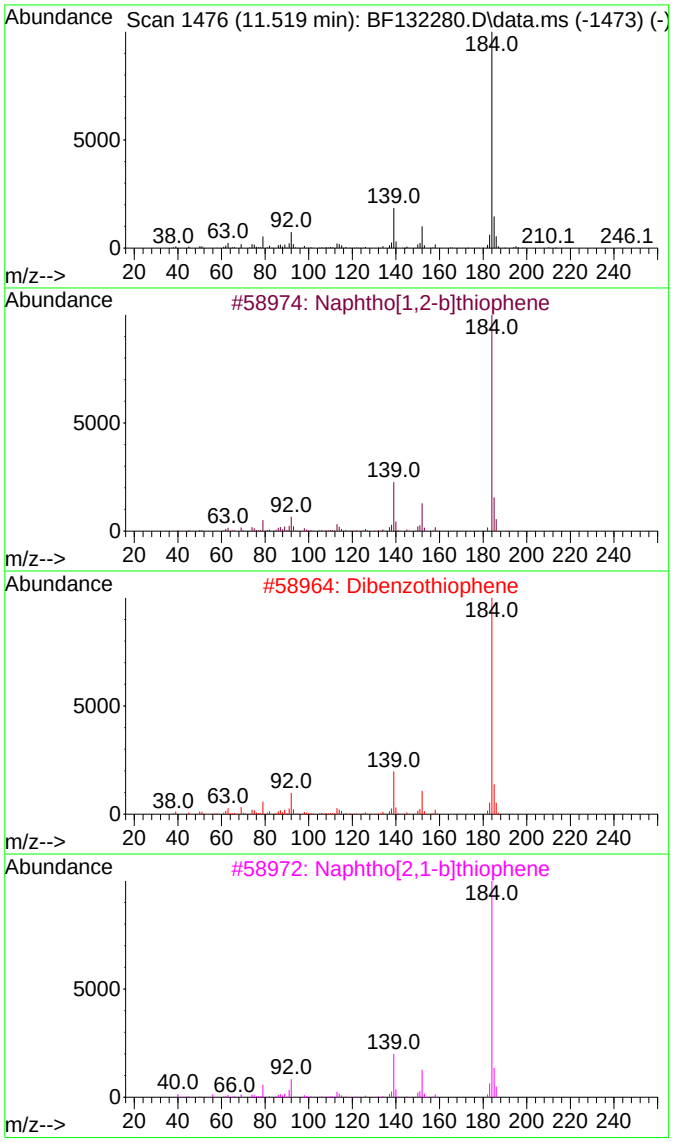
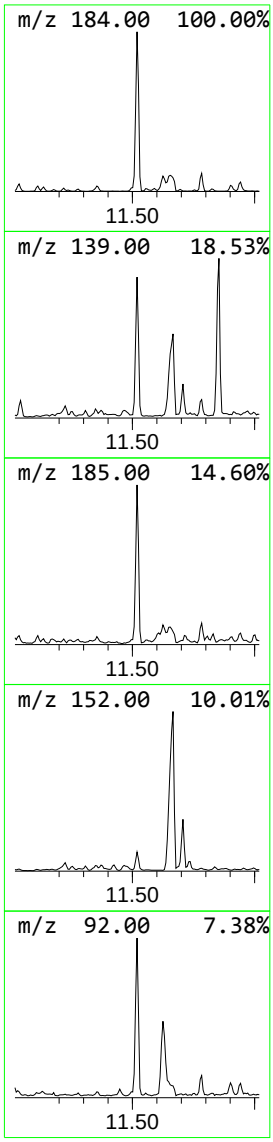
Peak Number 9 Naphtho[1,2-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	28.43 ng	1189810	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





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ALS Vial : 20 Sample Multiplier: 1

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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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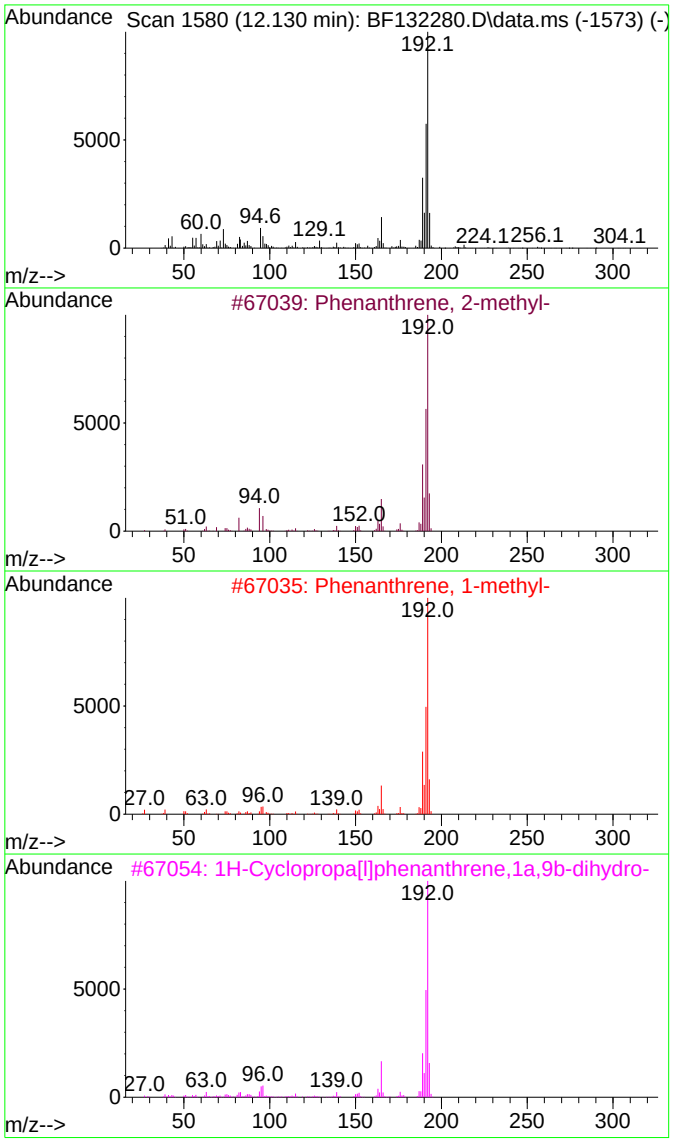
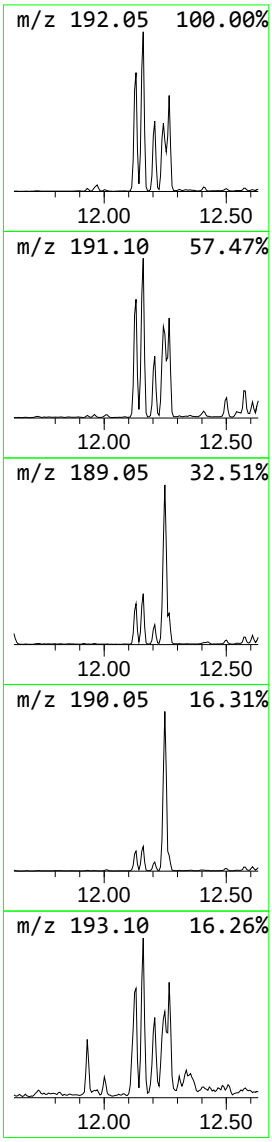
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	55.53 ng	2323800	Phenanthrene-d10	11.625

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	94





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Misc :
ALS Vial : 20 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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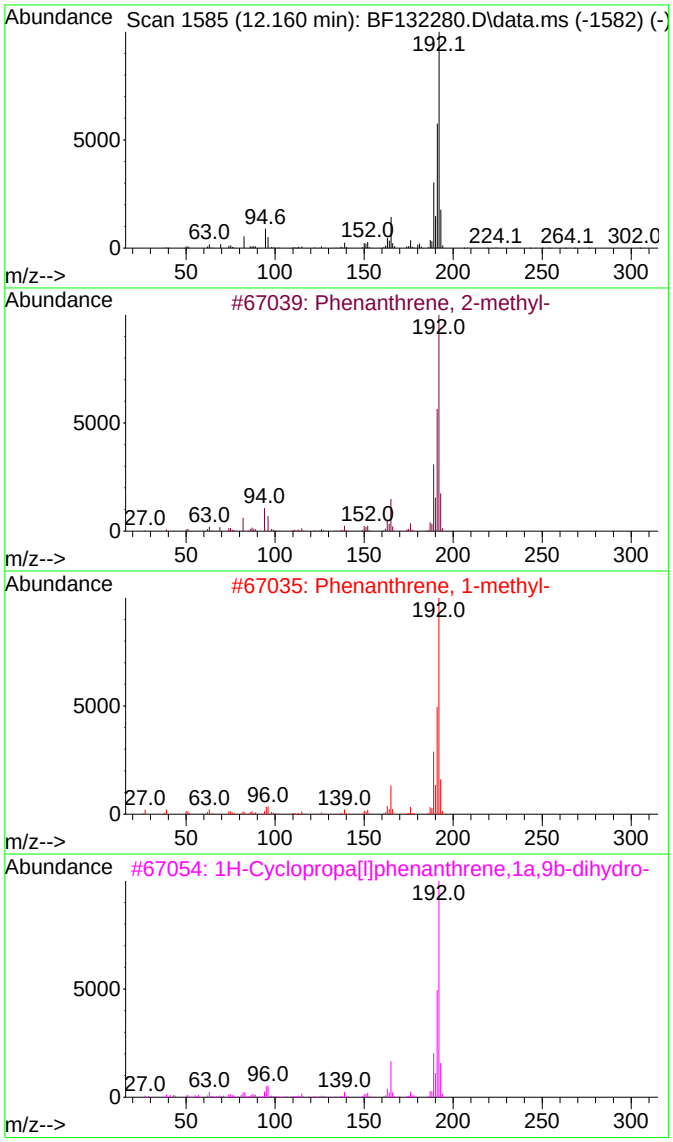
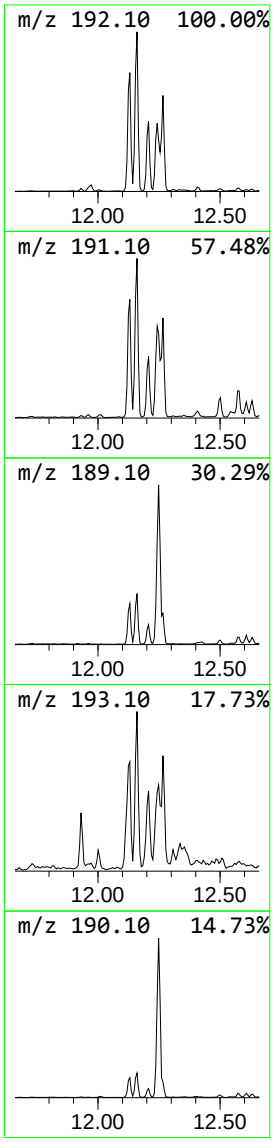
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.160	51.65 ng	2161500	Phenanthrene-d10	11.625

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	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 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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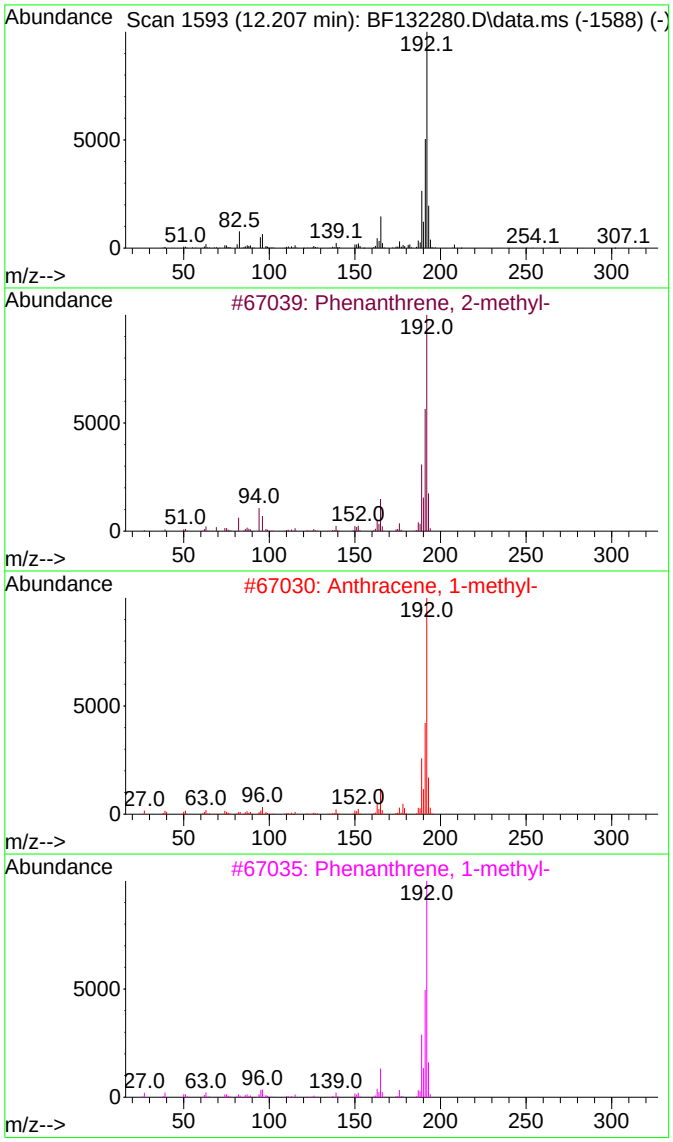
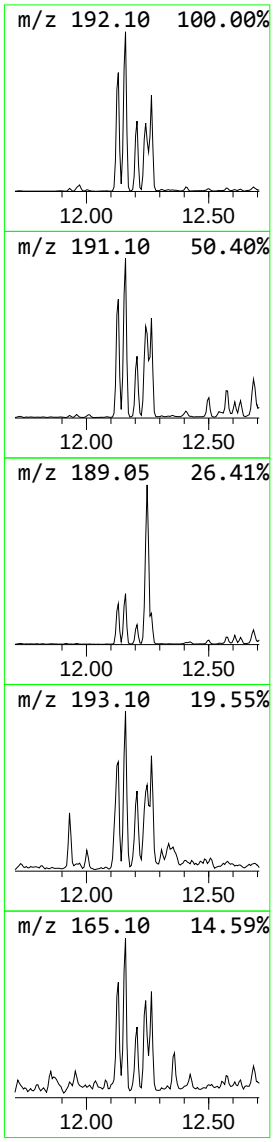
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.207	23.40 ng	979240	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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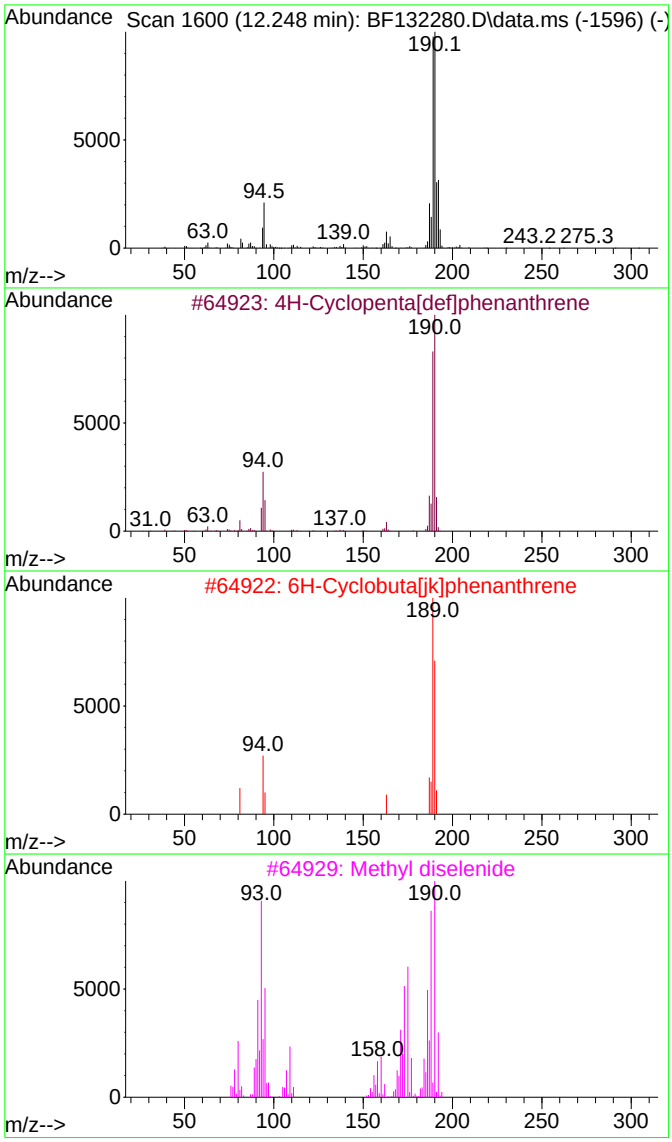
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

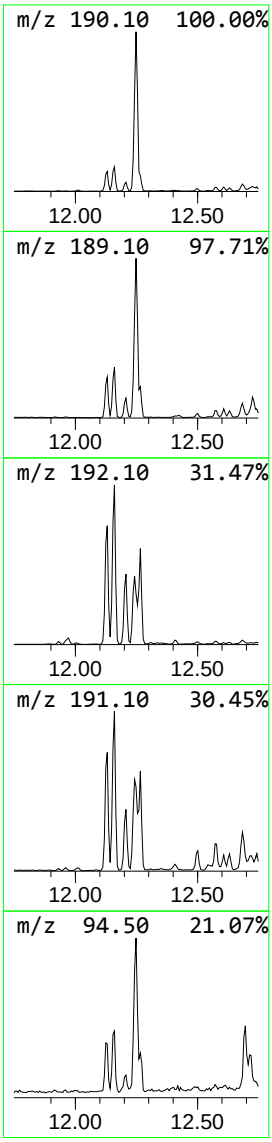
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.248	96.19 ng	4025160	Phenanthrene-d10	11.625

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	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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

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

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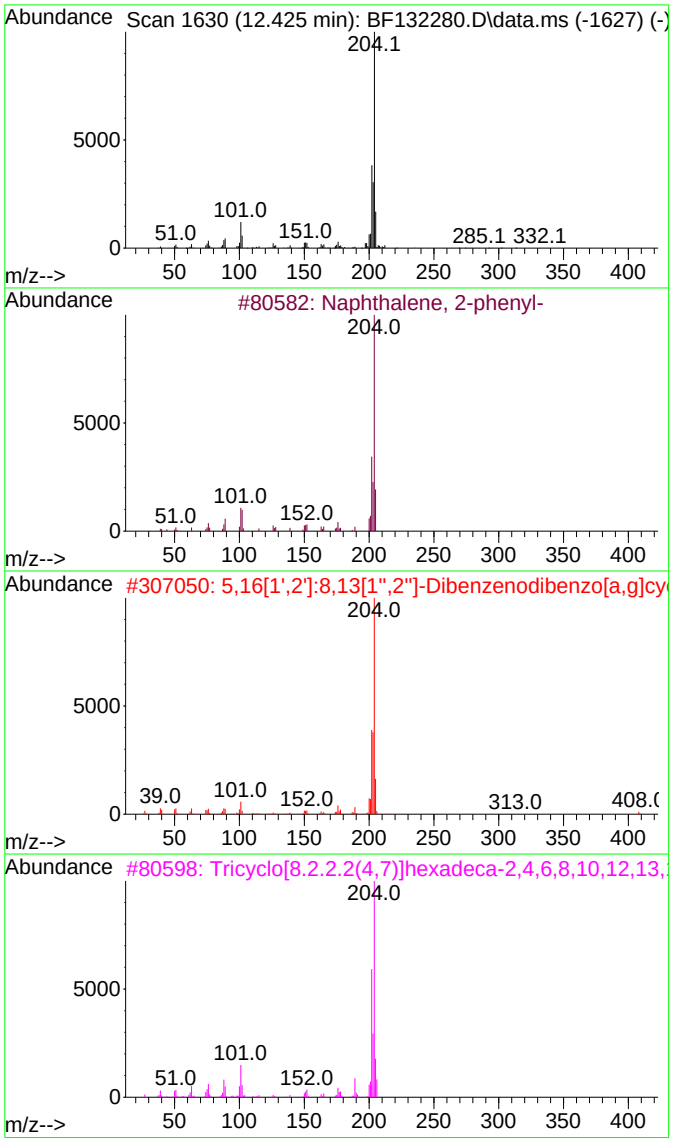
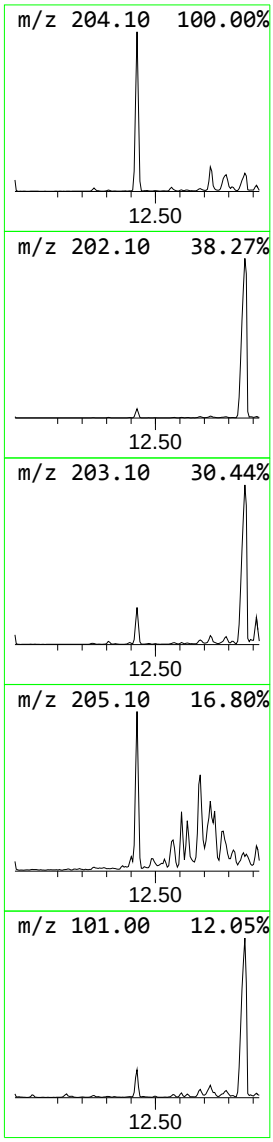
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.425	25.45 ng	1065220	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	47





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ALS Vial : 20 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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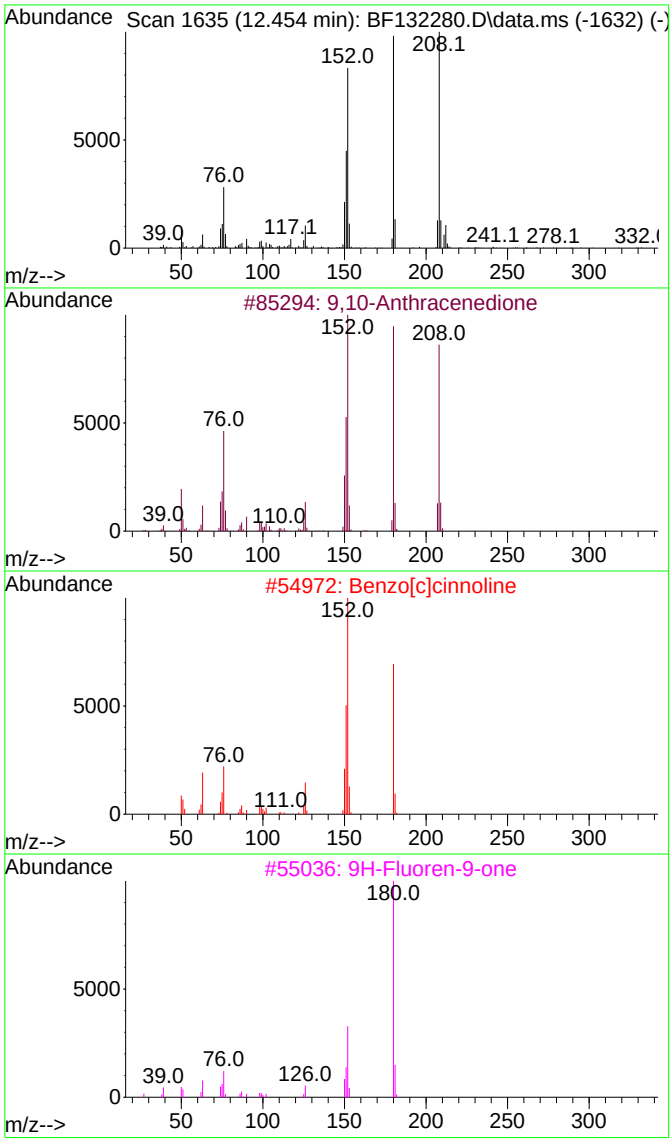
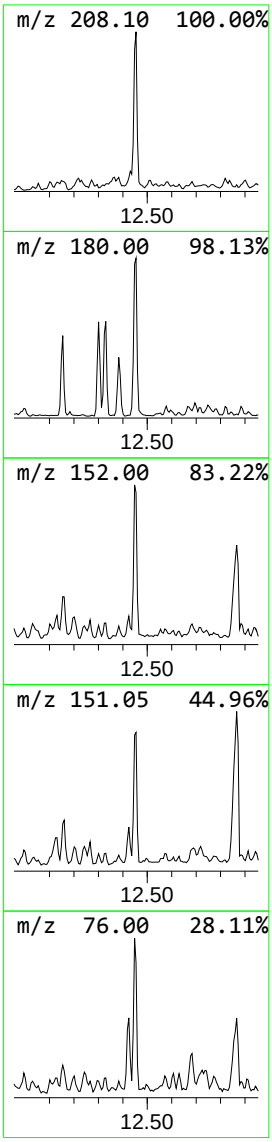
Peak Number 15 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.454	11.24 ng	470370	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60





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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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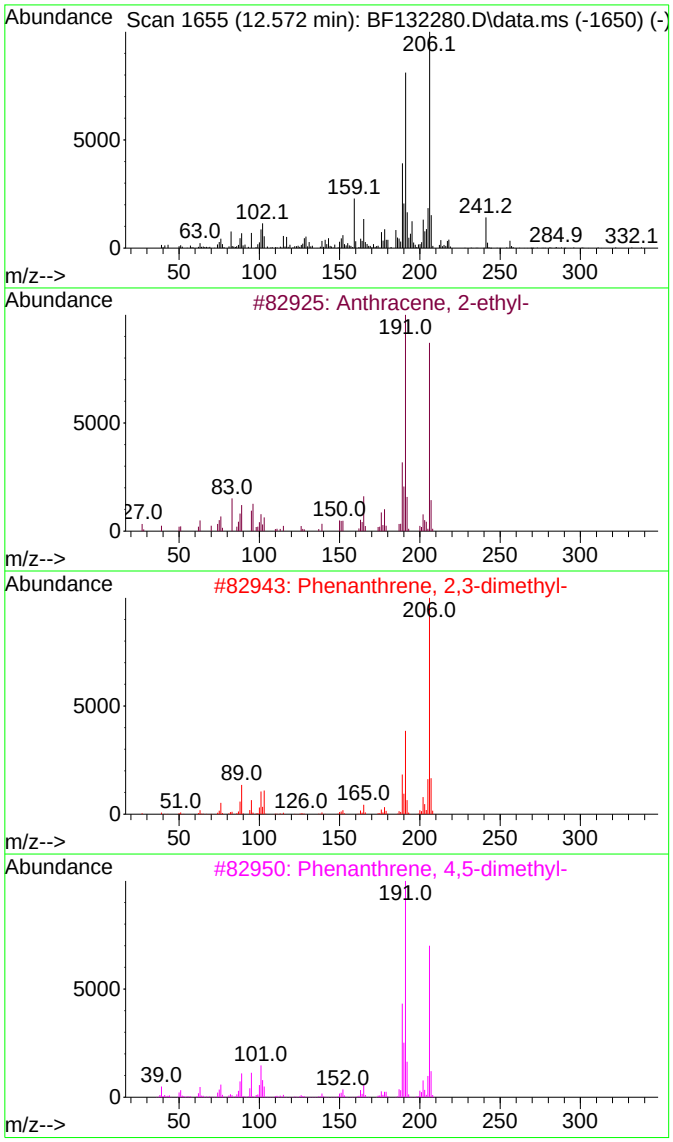
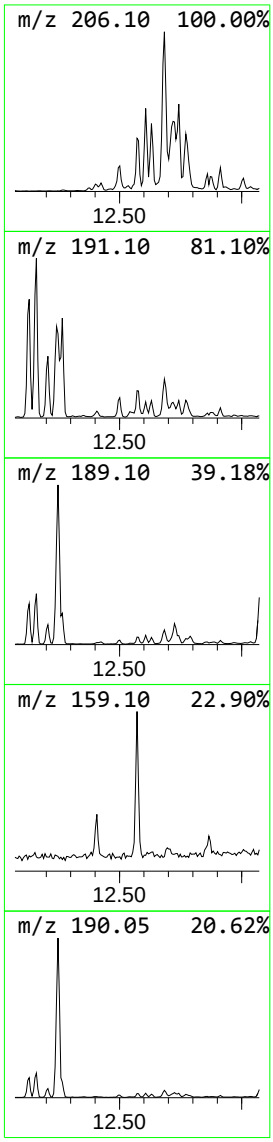
Peak Number 16 Anthracene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.572	11.51 ng	481765	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	86





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Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

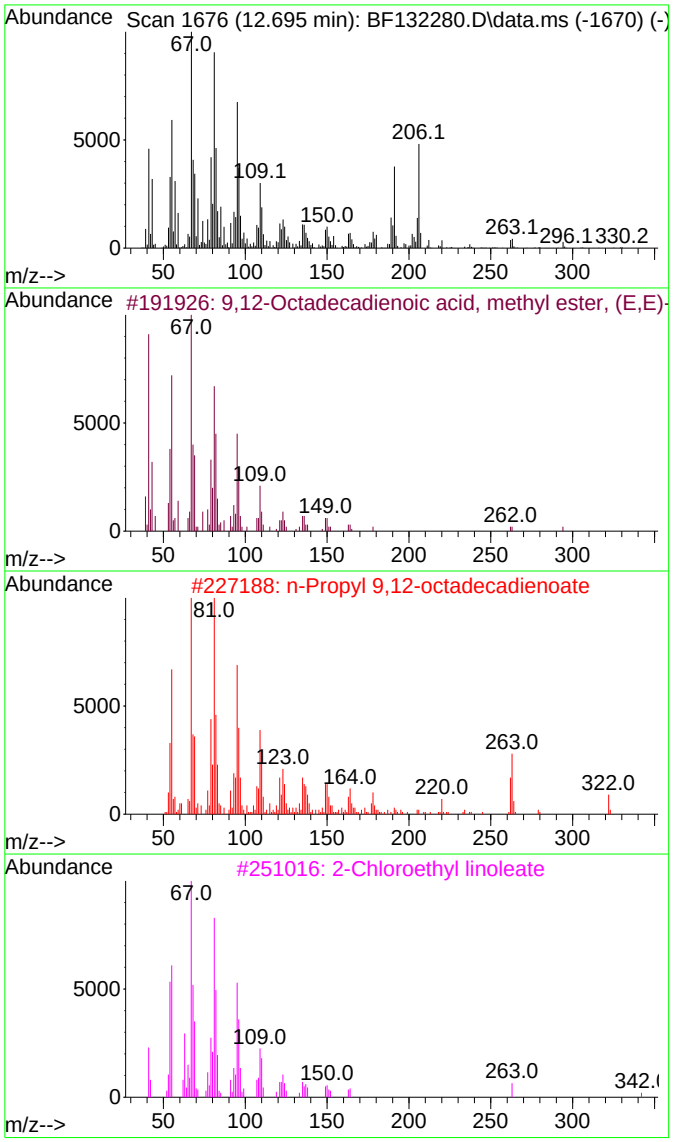
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

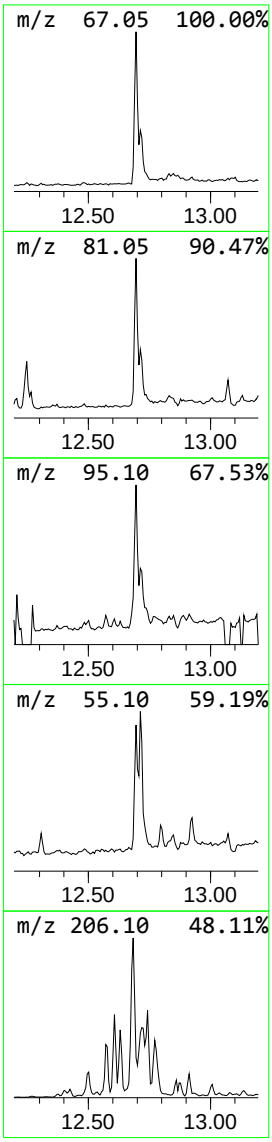
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	45.78 ng	1915670	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
2	n-Propyl 9,12-octadecadienoate	322	C21H38O2	1000336-77-8	89
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	76
4	Linoelaidic acid	280	C18H32O2	000506-21-8	76
5	7-Hexadecyne	222	C16H30	074685-28-2	64





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Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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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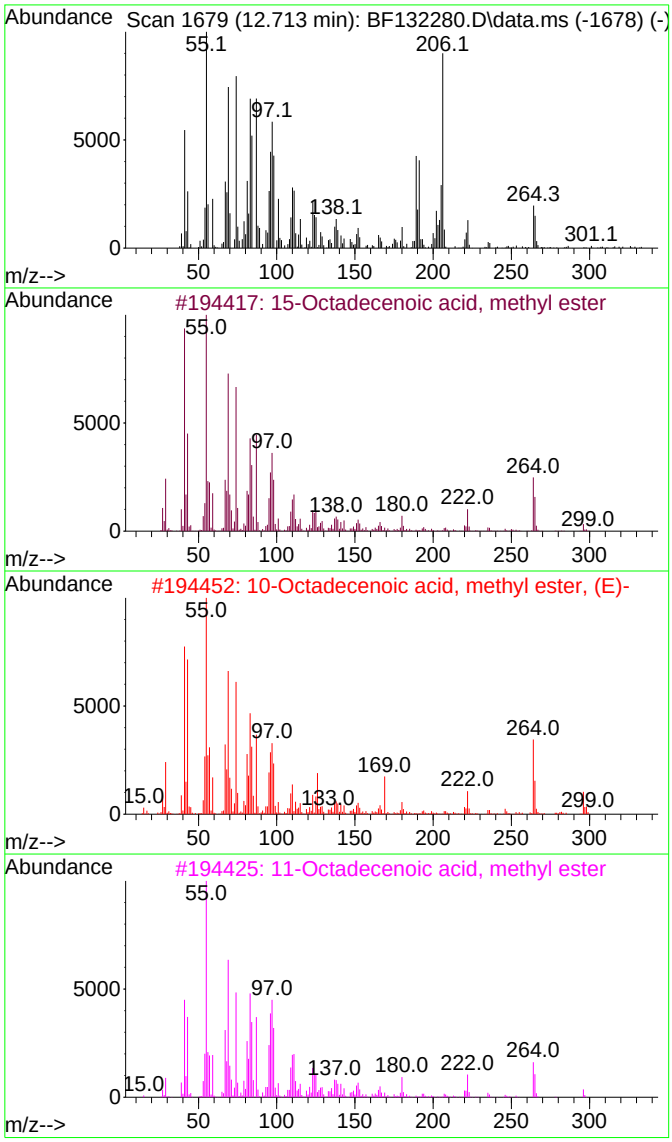
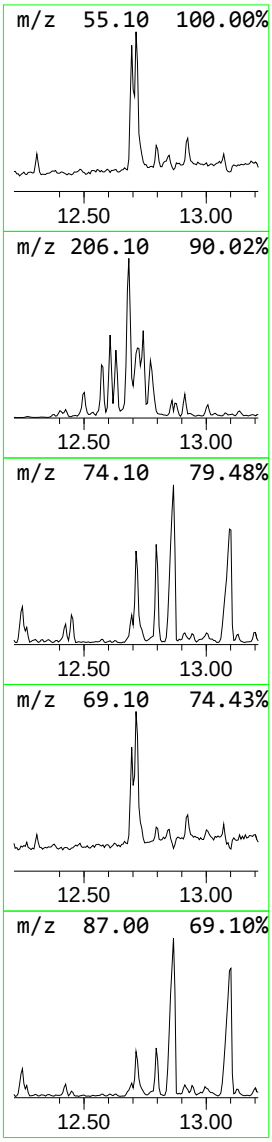
Peak Number 18 15-Octadecenoic acid, methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	34.31 ng	1435760	Phenanthrene-d10	11.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
2	10-Octadecenoic acid, methyl est...	296	C19H36O2	013038-45-4	92
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	87
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	83
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	70





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Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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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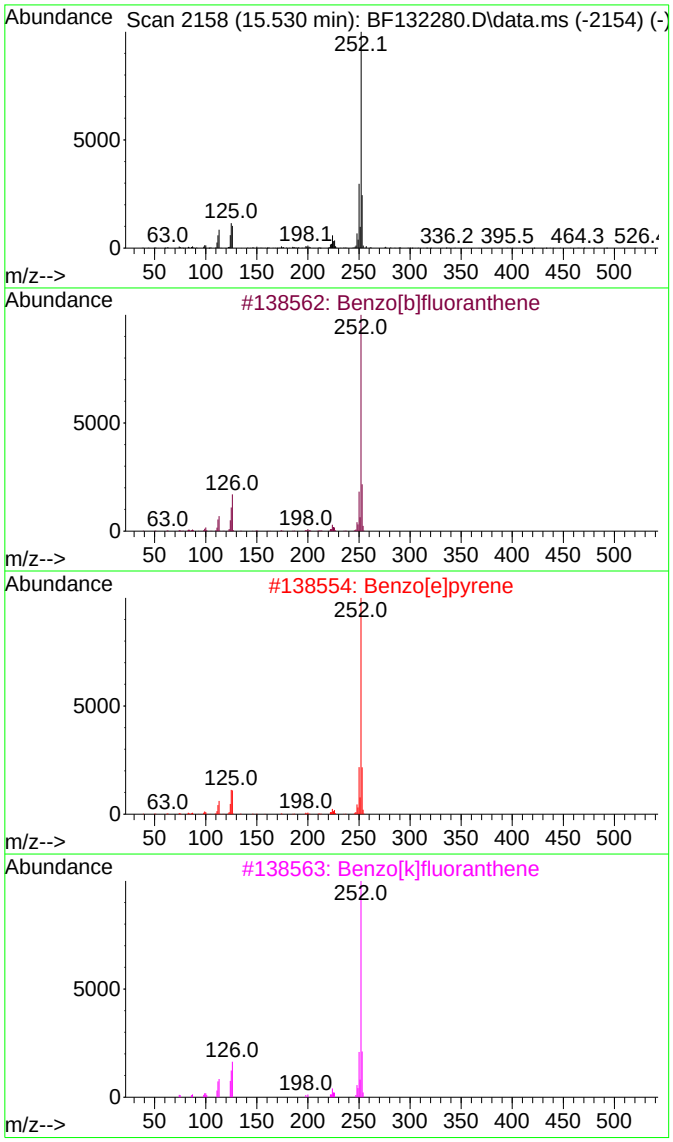
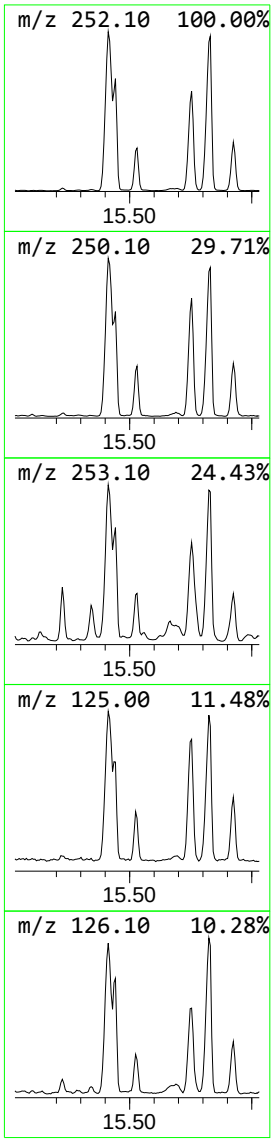
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.530	16.52 ng	581691	Perylene-d12	15.889

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





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Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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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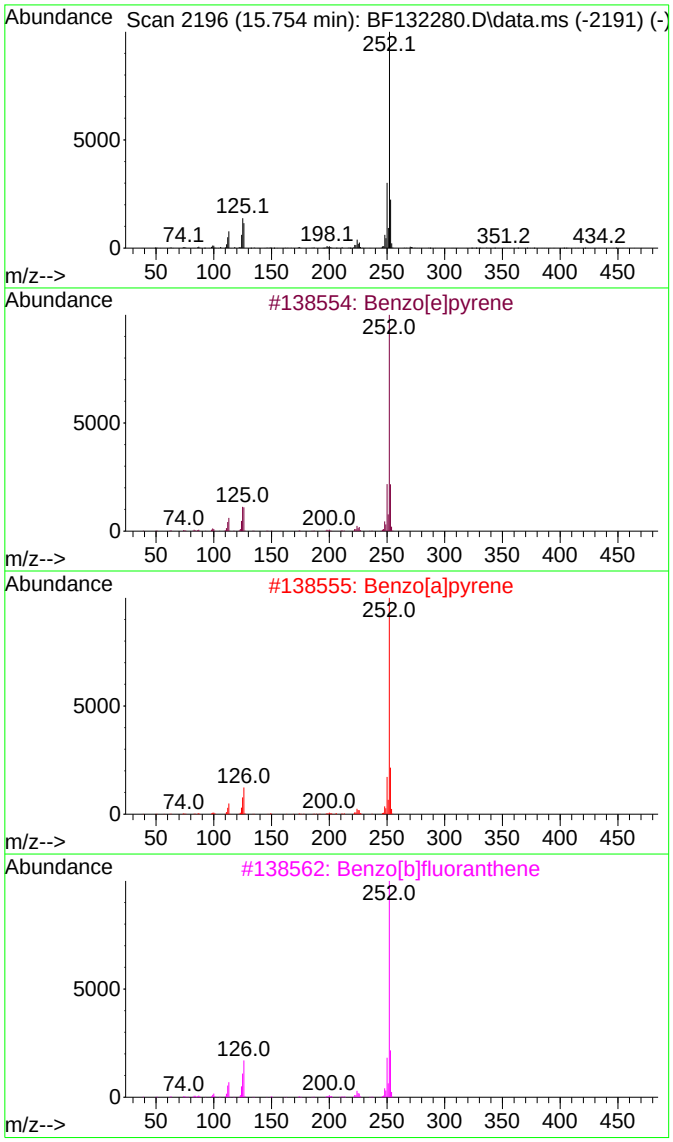
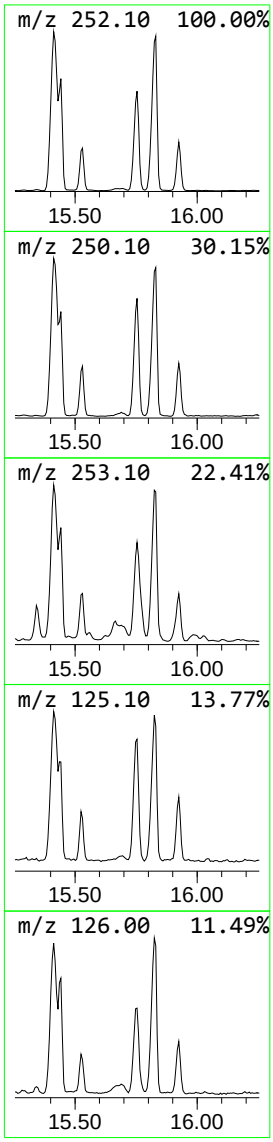
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	56.68 ng	1995720	Perylene-d12	15.889

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132280.D
Acq On : 02 Feb 2023 01:51
Operator : CG\JU
Sample : 01374-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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	28.1	ng	1270070	1	7.072	903595	20.0
Naphthalene, 2,...	9.701	17.8	ng	893898	3	10.125	1005600	20.0
Naphthalene, 2,...	9.778	21.9	ng	1103750	3	10.125	1005600	20.0
Hexadecane	10.536	13.0	ng	655649	3	10.125	1005600	20.0
Dibenzofuran, 4...	10.831	28.2	ng	1419470	3	10.125	1005600	20.0
9H-Fluorene, 1-...	11.225	21.5	ng	899964	4	11.625	836952	20.0
Naphtho[2,1-b]f...	11.348	11.1	ng	464566	4	11.625	836952	20.0
3'-Methyl-[1,1'...	11.466	19.5	ng	815881	4	11.625	836952	20.0
Naphtho[1,2-b]t...	11.519	28.4	ng	1189810	4	11.625	836952	20.0
Phenanthrene, 2...	12.130	55.5	ng	2323800	4	11.625	836952	20.0
Phenanthrene, 1...	12.160	51.6	ng	2161500	4	11.625	836952	20.0
Anthracene, 1-m...	12.207	23.4	ng	979240	4	11.625	836952	20.0
4H-Cyclopenta[d...	12.248	96.2	ng	4025160	4	11.625	836952	20.0
Naphthalene, 2-...	12.425	25.4	ng	1065220	4	11.625	836952	20.0
9,10-Anthracene...	12.454	11.2	ng	470370	4	11.625	836952	20.0
Anthracene, 2-e...	12.572	11.5	ng	481765	4	11.625	836952	20.0
9,12-Octadecadi...	12.695	45.8	ng	1915670	4	11.625	836952	20.0
15-Octadecenoic...	12.713	34.3	ng	1435760	4	11.625	836952	20.0
Benzo[e]pyrene	15.530	16.5	ng	581691	6	15.889	704206	20.0
Perylene	15.754	56.7	ng	1995720	6	15.889	704206	20.0