LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-1-101422

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130691.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.181	522	526	544	rBV	1322057	1308564	7.56%	0.757%
2	6.228	701	704	713	rVB	1337899	1286641	7.43%	0.745%
3	6.575	759	763	767	rBV	521181	433186	2.50%	0.251%
4	7.145	856	860	863	rVB	904313	755705	4.36%	0.437%
5	7.857	976	981	982	rBV	555202	525028	3.03%	0.304%
6	7.886	982	986	989	rVV	3751083	3407137	19.67%	1.972%
7	8.575	1098	1103	1106	rBV	3122344	2478081	14.31%	1.434%
8	8.669	1114	1119	1123	rVB	2300786	2259943	13.05%	1.308%
9	8.933	1160	1164	1167	rVB	1722766	1316797	7.60%	0.762%
10	9.033	1174	1181	1186	rBV	648591	571264	3.30%	0.331%
11	9.128	1194	1197	1203	rVB	401290	506675	2.93%	0.293%
12	9.198	1203	1209	1212	rBV	1190331	1615894	9.33%	0.935%
13	9.275	1217	1222	1224	rVV	1801185	2054612	11.86%	1.189%
14	9.298	1224	1226	1230	rVV	1349064	1053771	6.08%	0.610%
15	9.386	1235	1241	1246	rVV	972657	1067300	6.16%	0.618%
16	9.469	1249	1255	1260	rBV	1174709	995194	5.75%	0.576%
17	9.604	1271	1278	1281	rBV2	605567	956515	5.52%	0.554%
18	9.645	1281	1285	1288	rVV	2884869	2554343	14.75%	1.479%
19	9.716	1293	1297	1301	rVB2	381475	474909	2.74%	0.275%
20	9.816	1307	1314	1316	rVV2	2276995	2261992	13.06%	1.309%
21	9.851	1316	1320	1323	rVB	809774	663988	3.83%	0.384%
22	9.922	1328	1332	1335	rBV2	684295	709396	4.10%	0.411%
23	9.951	1335	1337	1340	rVV	597385	444985	2.57%	0.258%
24	10.016	1343	1348	1349	rBV	445258	581299	3.36%	0.336%
25	10.110	1358	1364	1368	rBV6	253139	524220	3.03%	0.303%
26	10.163	1368	1373	1377	rVV	4016611	3959638	22.86%	2.292%
27	10.222	1377	1383	1384	rVV2	470644	639193	3.69%	0.370%
28	10.239	1384	1386	1388	rVV2	599172	470396	2.72%	0.272%
29	10.263	1388	1390	1392	rVV	366132	331565	1.91%	0.192%
30	10.310	1395	1398	1402	rVB	755221	698012	4.03%	0.404%
31	10.398	1407	1413	1416	rVV2	1446826	1612338	9.31%	0.933%
32	10.516	1424	1433	1440	rBV4	431667	681246	3.93%	0.394%
33	10.704	1459	1465	1467	rBV3	953714	1272881	7.35%	0.737%
34	10.727	1467	1469	1472	rVV	792239	678862	3.92%	0.393%
35	10.780	1475	1478	1481	rVB	533702	526629	3.04%	0.305%
36	10.851	1488	1490	1492	rVV	382996	352282	2.03%	0.204%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.904	1496	1499	1503	rVV	406846	474083	2.74%	0.274%
38	10.945	1503	1506	1508	rVV	341847	376199	2.17%	0.218%
39	10.986	1508	1513	1521	rVB	1889015	2058965	11.89%	1.192%
40	11.145	1527	1540	1542	rBV	9248689	17320041	100.00%	10.025%
41	11.186	1542	1547	1549	rVV	4390503	4028955	23.26%	2.332%
42	11.333	1567	1572	1579	rBV	1553739	1639571	9.47%	0.949%
43	11.386	1579	1581	1584	rVV2	426084	403853	2.33%	0.234%
44	11.421	1584	1587	1592	rVB2	1055550	1119405	6.46%	0.648%
45	11.498	1596	1600	1605	rVB2	1919632	1957717	11.30%	1.133%
46	11.598	1613	1617	1620	rBV	2925193	3348066	19.33%	1.938%
47	11.633	1620	1623	1625	rVB	4164755	3662813	21.15%	2.120%
48	11.674	1625	1630	1633	rBV2	908532	1134364	6.55%	0.657%
49	11.716	1633	1637	1639	rVV	3863692	4528910	26.15%	2.621%
50	11.739	1639	1641	1643	rVB	2160816	1577191	9.11%	0.913%
51	11.892	1659	1667	1671	rBV	1797376	2457315	14.19%	1.422%
52	11.927	1671	1673	1675	rBV2	591083	468845	2.71%	0.271%
53	11.951	1675	1677	1680	rVB2	405360	383710	2.22%	0.222%
54	11.992	1680	1684	1686	rBV2	391129	465204	2.69%	0.269%
55	12.039	1689	1692	1695	rBV2	486040	422722	2.44%	0.245%
56	12.068	1695	1697	1700	rBV	726399	559800	3.23%	0.324%
57	12.092	1700	1701	1705	rVB2	656068	571407	3.30%	0.331%
58	12.151	1705	1711	1713	rBV	1739086	2384723	13.77%	1.380%
59	12.192	1713	1718	1720	rBV3	5187764	6475842	37.39%	3.748%
60	12.216	1720	1722	1725	rVB	3026429	2341567	13.52%	1.355%
61	12.333	1731	1742	1744	rBV	7115336	11750460	67.84%	6.801%
62	12.374	1747	1749	1752	rVB2	417160	367343	2.12%	0.213%
63	12.404	1752	1754	1760	rVB2	239575	342176	1.98%	0.198%
64	12.457	1760	1763	1769	rBV2	725394	1072483	6.19%	0.621%
65	12.563	1773	1781	1783	rBV	7158062	12651530	73.05%	7.323%
66	12.592	1783	1786	1790	rVB2	899795	961869	5.55%	0.557%
67	12.657	1790	1797	1798	rBV2	626406	866900	5.01%	0.502%
68	12.680	1798	1801	1808	rVB2	1392119	1875846	10.83%	1.086%
69	12.757	1808	1814	1818	rBV2	1054033	1732836	10.00%	1.003%
70	12.845	1825	1829	1830	rBV2	723156	979676	5.66%	0.567%
71	12.868	1830	1833	1836	rVB	2108548	1958559	11.31%	1.134%
72	12.933	1840	1844	1847	rVB	1564586	1349367	7.79%	0.781%
73	12.968	1847	1850	1857	rVB2	1518002	1735625	10.02%	1.005%
74	13.057	1862	1865	1868	rBV	1030469	975989	5.64%	0.565%
75	13.092	1868	1871	1873	rBV	1125693	972207	5.61%	0.563%
76	13.345	1910	1914	1916	rBV2	335593	444443	2.57%	0.257%

LSC Area Percent Report

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Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.374	1916	1919	1922	rVB2	532562	577966	3.34%	0.335%
78	13.480	1931	1937	1939	rBV	1030936	1268405	7.32%	0.734%
79	13.504	1939	1941	1943	rVB	811860	603193	3.48%	0.349%
80	13.527	1943	1945	1947	rBV	459398	400320	2.31%	0.232%
81	13.580	1952	1954	1957	rVV	382954	398828	2.30%	0.231%
82	13.727	1973	1979	1982	rBV	3256505	4982786	28.77%	2.884%
83	13.768	1982	1986	1989	rVV	3659961	3958134	22.85%	2.291%
84	13.839	1995	1998	2000	rVB	626440	543151	3.14%	0.314%
85	13.880	2002	2005	2011	rVB4	341907	508842	2.94%	0.295%
86	14.074	2036	2038	2040	rVV2	334337	332672	1.92%	0.193%
87	14.115	2040	2045	2048	rVV	1235983	1484795	8.57%	0.859%
88	14.145	2048	2050	2053	rVV	654517	658348	3.80%	0.381%
89	14.210	2054	2061	2063	rVV3	529133	1009699	5.83%	0.584%
90	14.239	2063	2066	2068	rVV2	699100	741112	4.28%	0.429%
91	14.257	2068	2069	2072	rVV	571835	490494	2.83%	0.284%
92	14.739	2145	2151	2157	rBV	2038411	4115523	23.76%	2.382%
93	14.827	2162	2166	2170	rVB	439459	435342	2.51%	0.252%
94	15.004	2191	2196	2200	rVB	1289270	1620924	9.36%	0.938%
95	15.062	2201	2206	2209	rVV	2169692	2513614	14.51%	1.455%
96	15.139	2216	2219	2224	rVB2	519760	692488	4.00%	0.401%
97	16.409	2428	2435	2441	rBV	776261	1341216	7.74%	0.776%
98	16.551	2455	2459	2464	rBV	172289	322191	1.86%	0.186%
99	16.798	2495	2501	2513	rVB	542750	1122352	6.48%	0.650%
100	17.003	2532	2536	2548	rVB	181924	414351	2.39%	0.240%

Sum of corrected areas: 172765804

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
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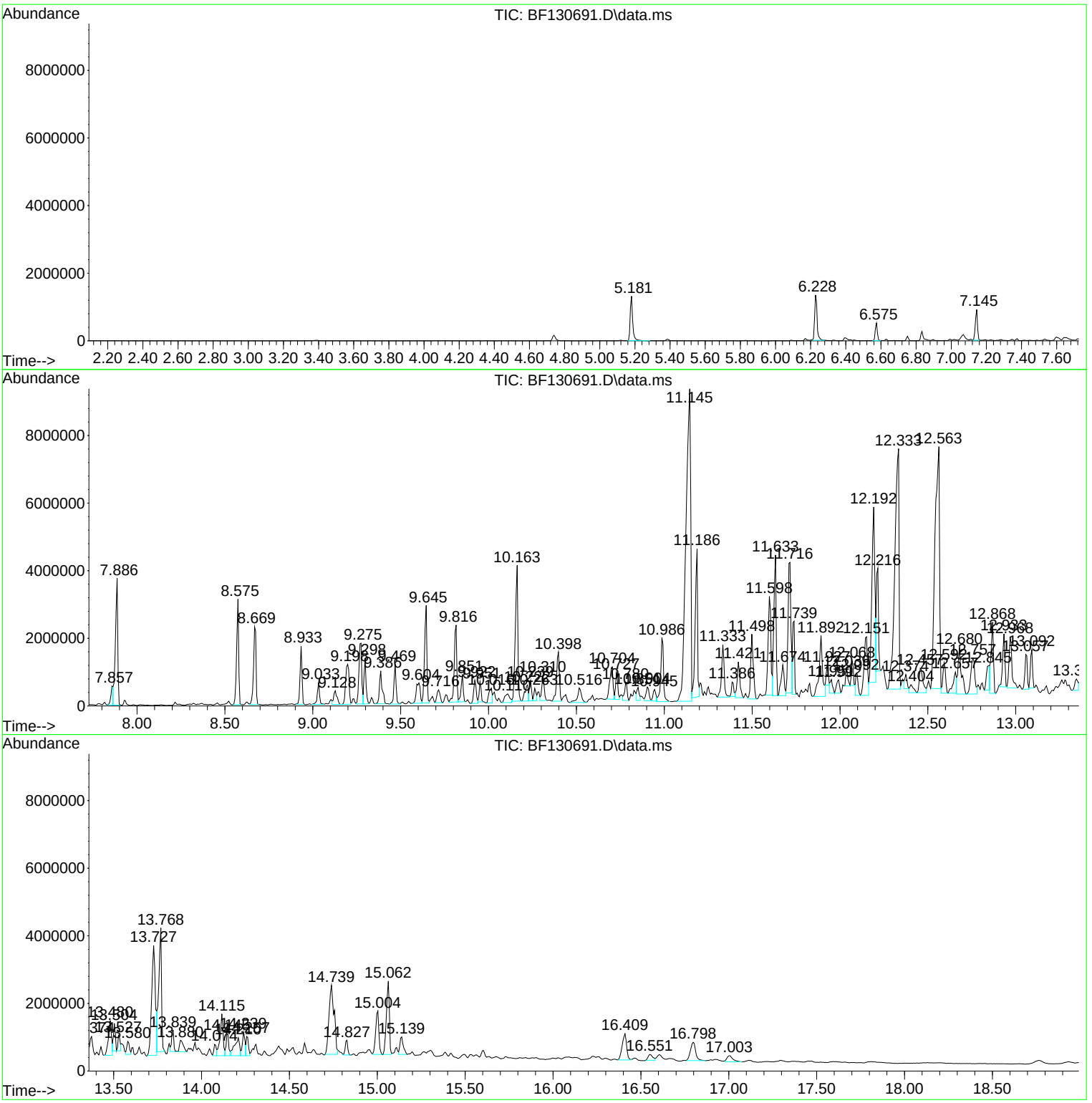
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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\BF101722\
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Acq On : 17 Oct 2022 17:31
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Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

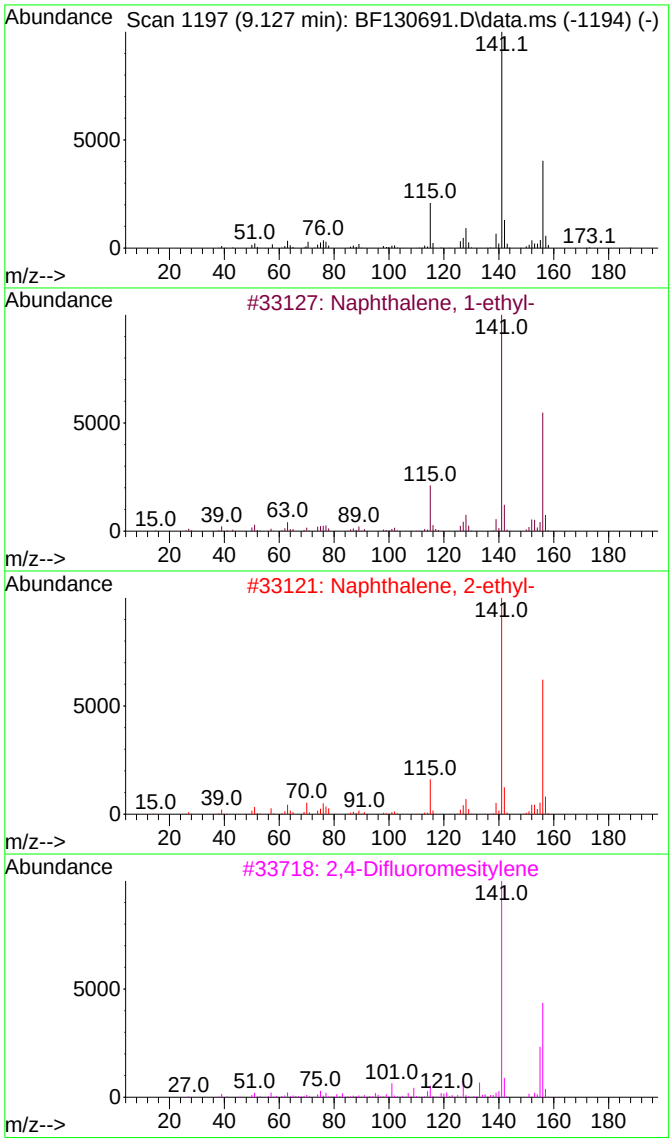
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

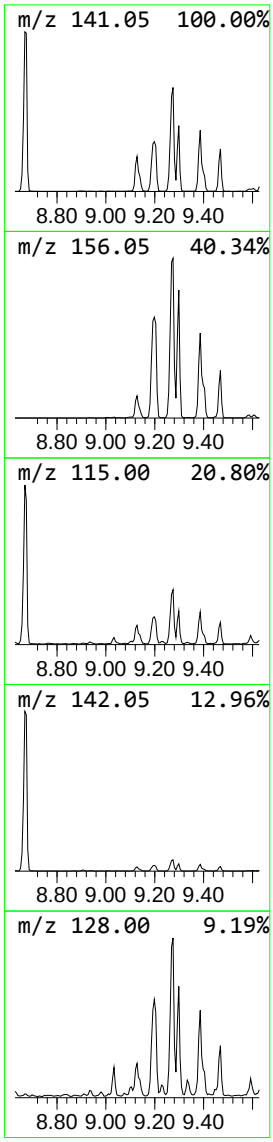
****

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.127	10.59 ng	506675	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	64
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

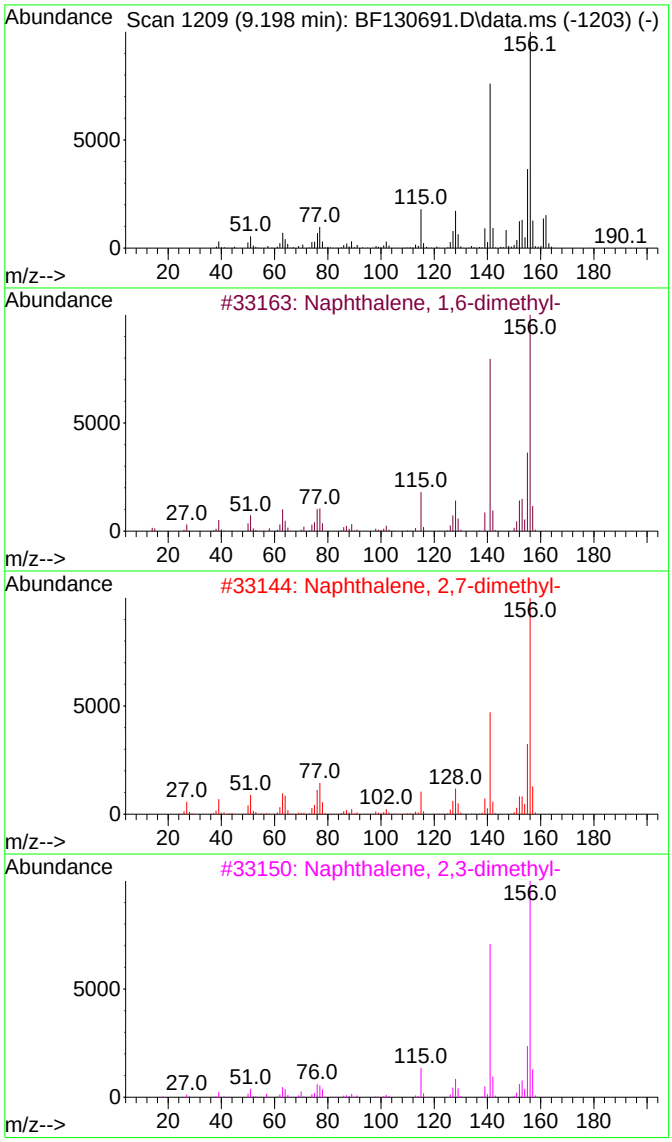
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

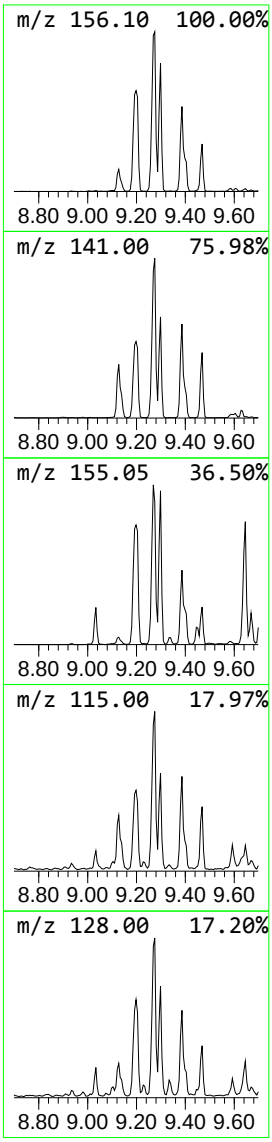
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.198	33.79 ng	1615890	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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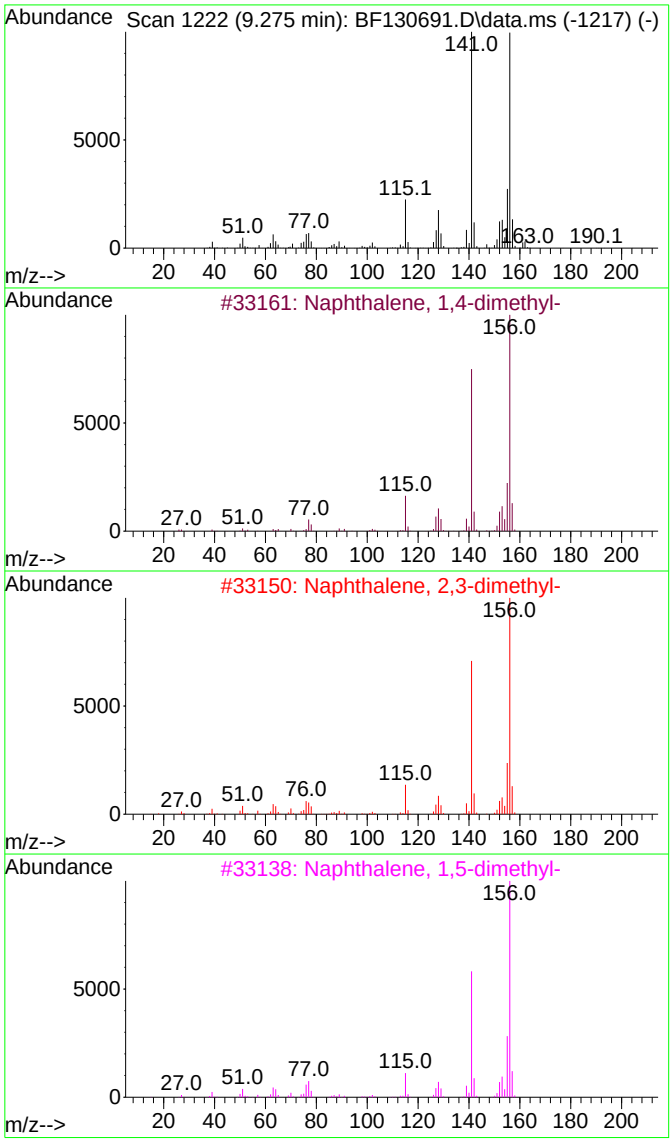
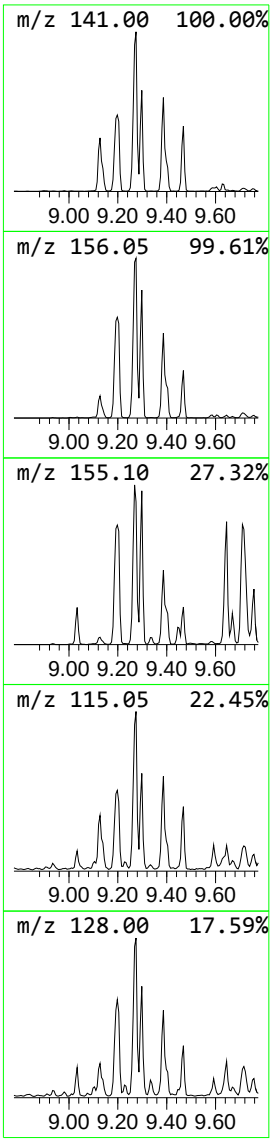
Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	42.96 ng	2054610	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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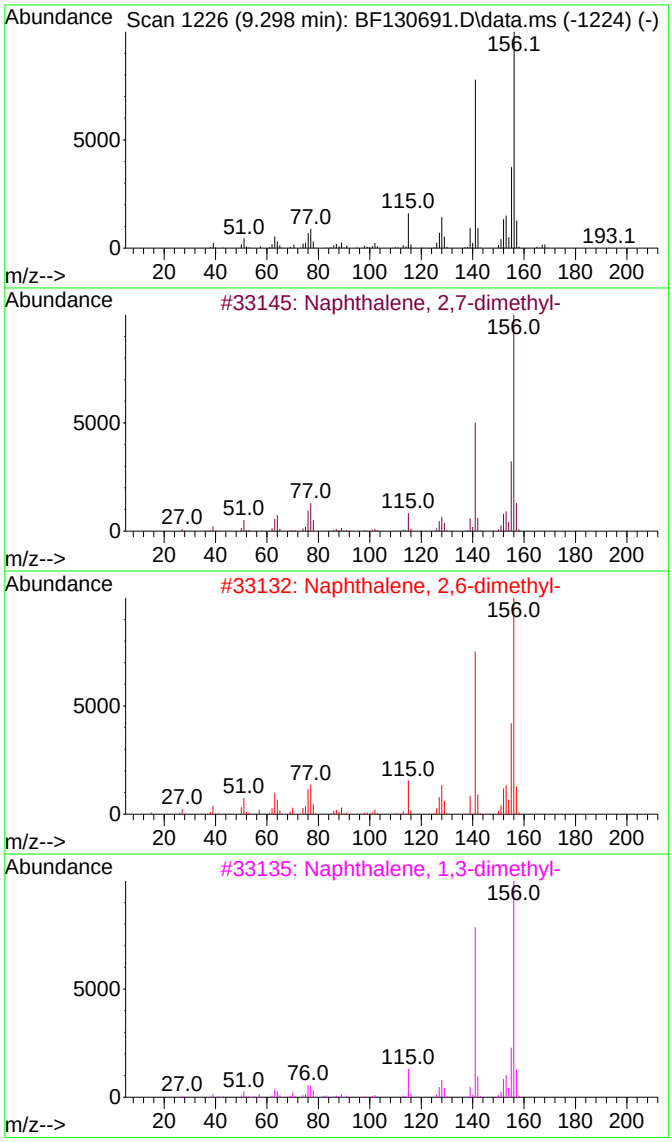
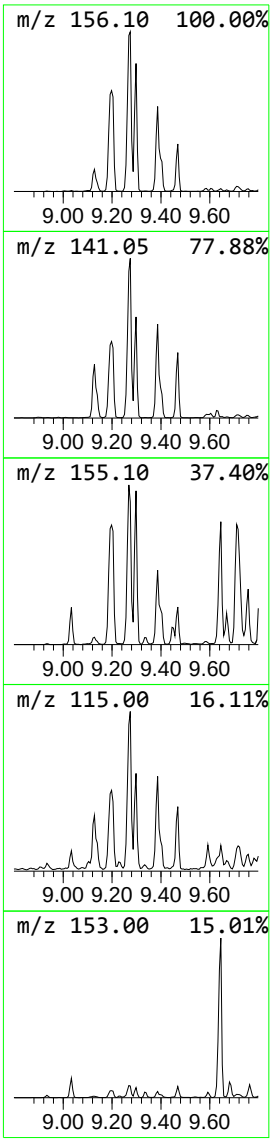
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	22.03 ng	1053770	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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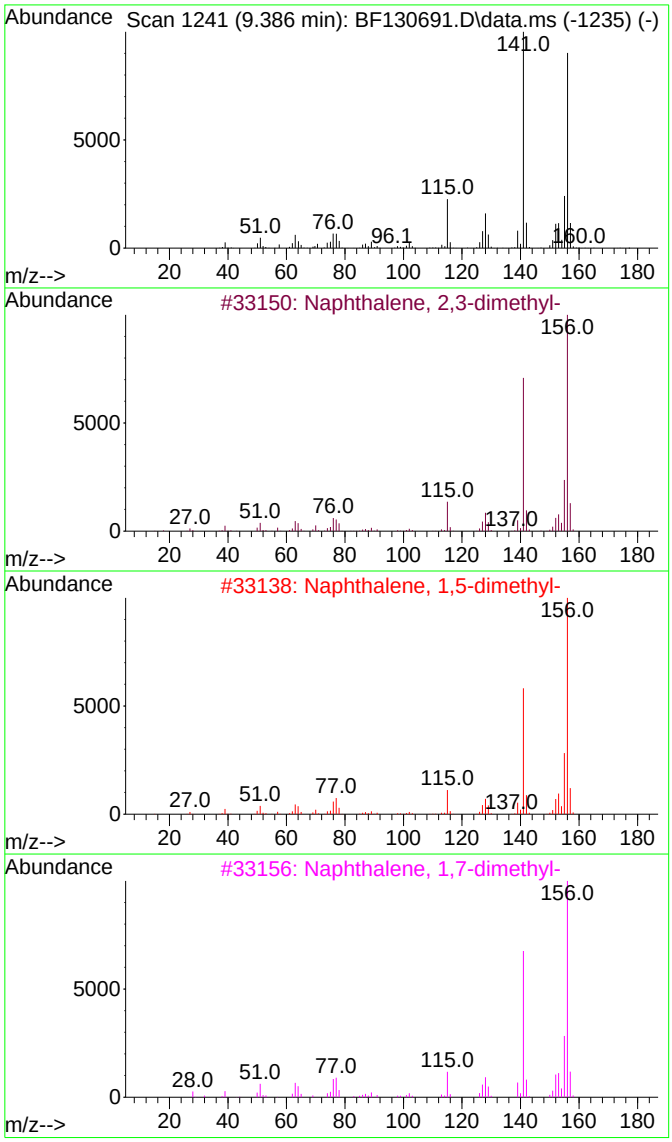
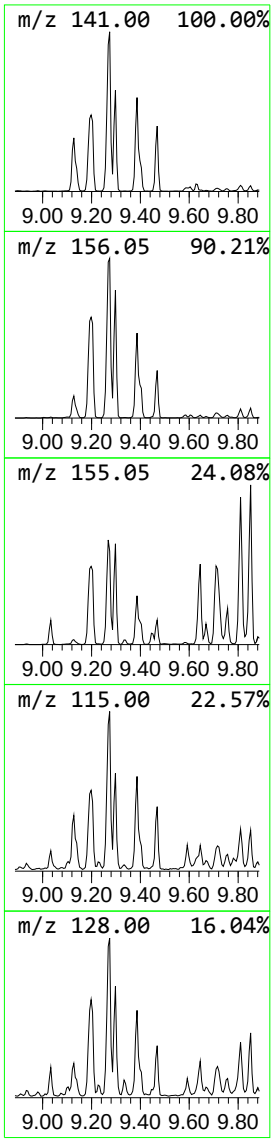
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	22.32 ng	1067300	Acenaphthene-d10	9.604

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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

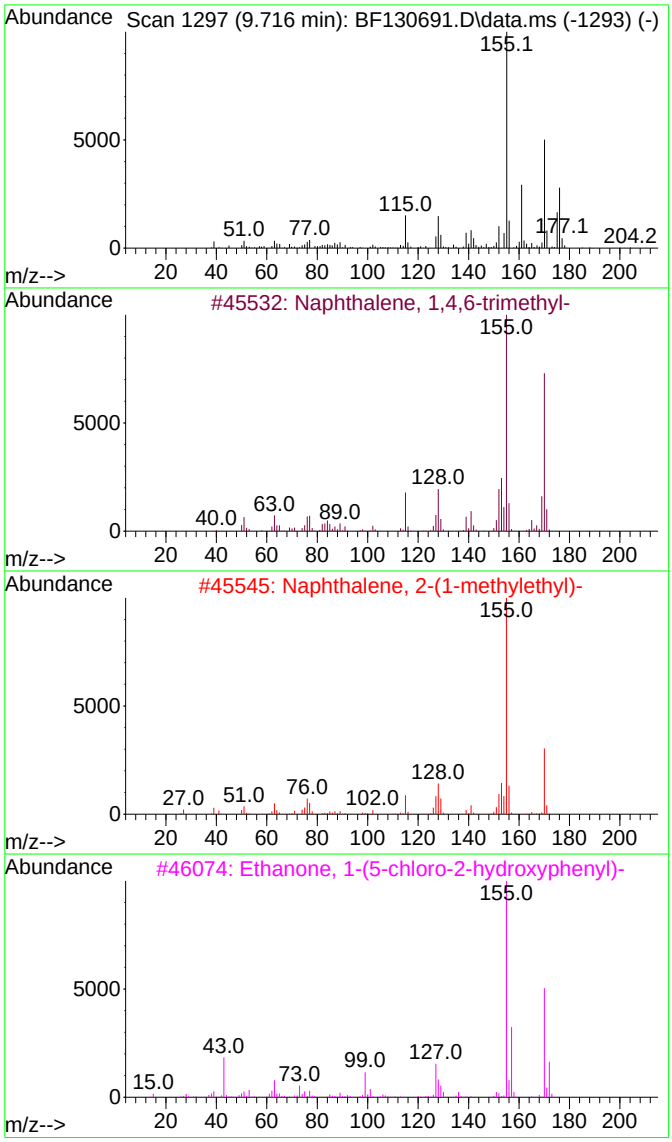
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

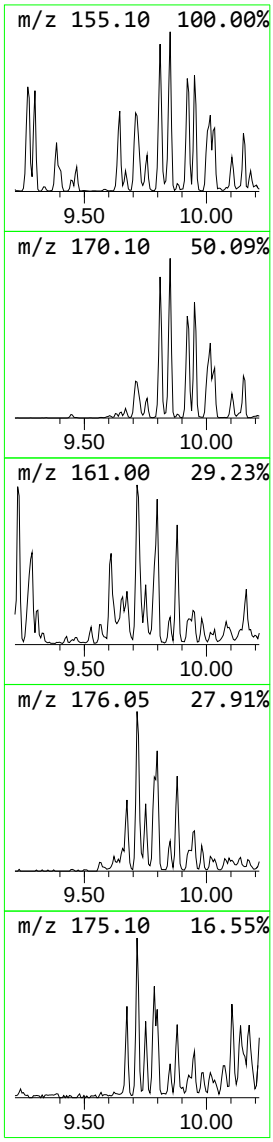
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	9.93 ng	474909	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	58
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	58
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	58
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	58





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Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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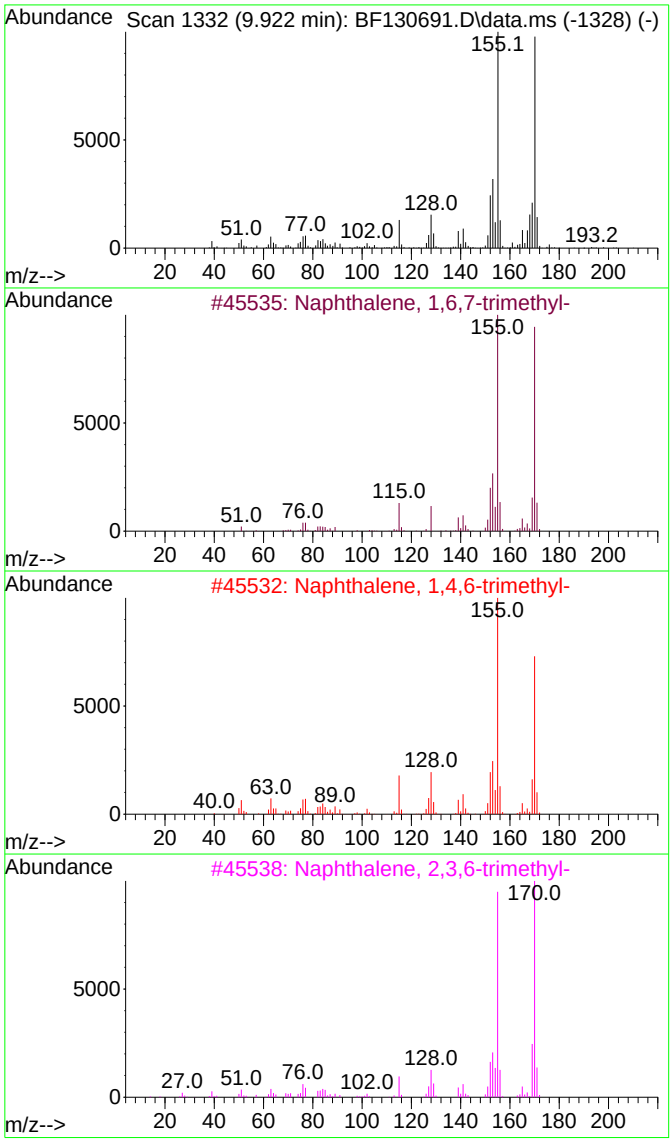
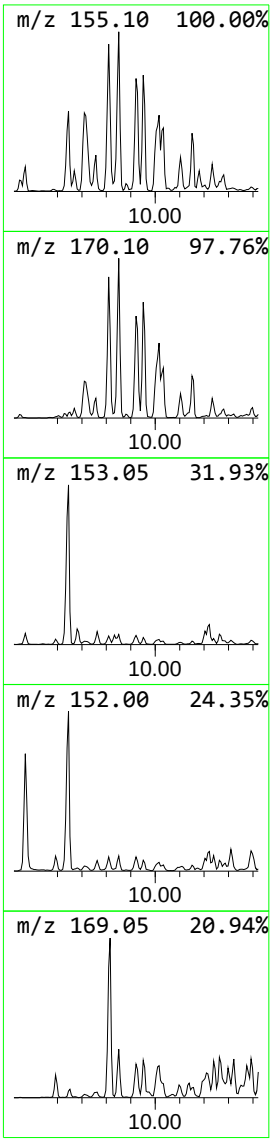
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.922	14.83 ng	709396	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Misc :
ALS Vial : 12 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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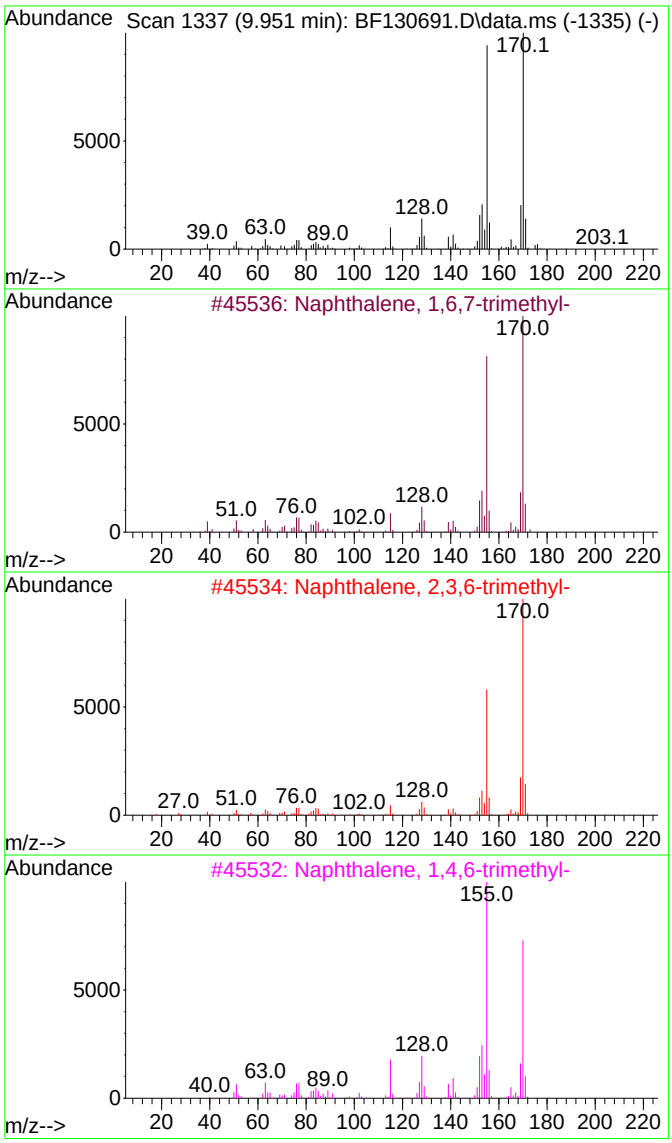
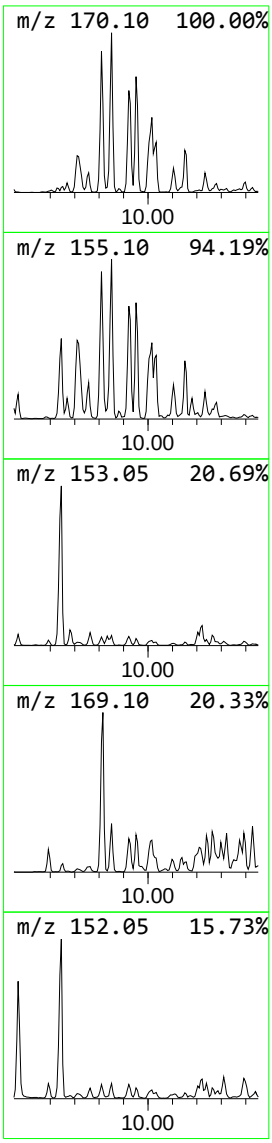
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	9.30 ng	444985	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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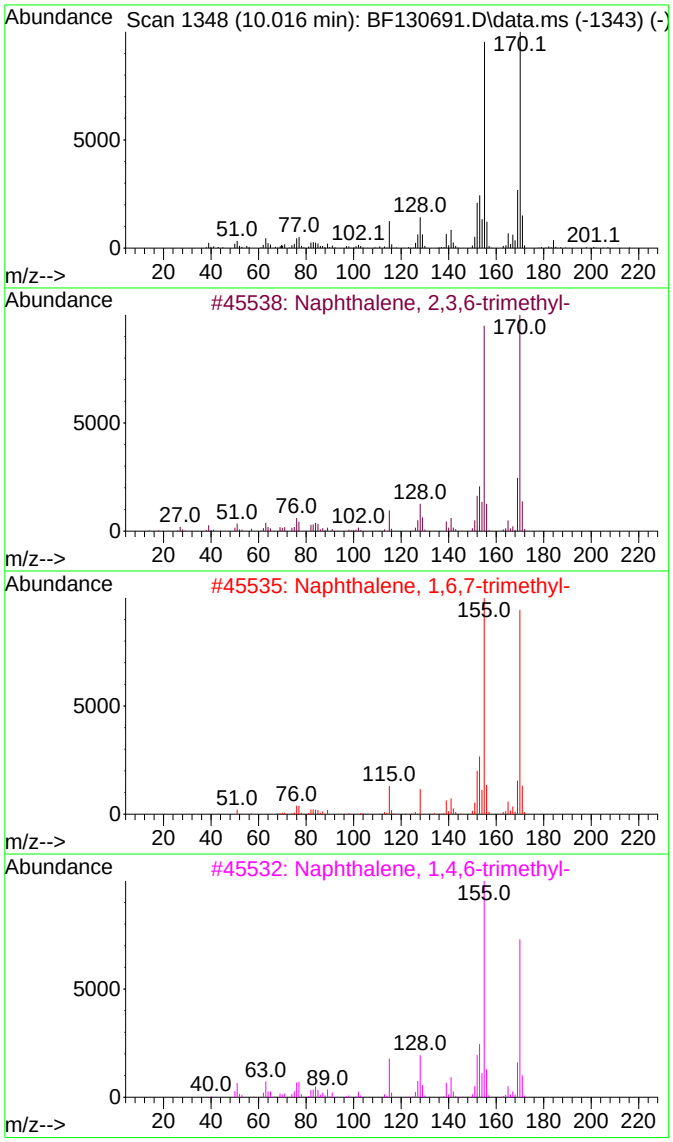
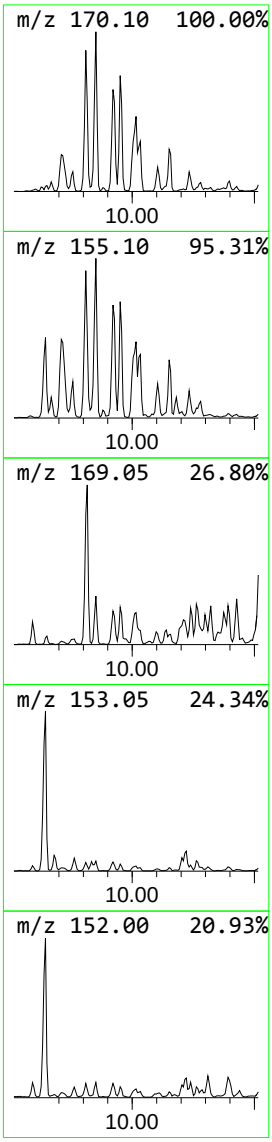
Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	12.15 ng	581299	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Operator : CG\JU
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Misc :
ALS Vial : 12 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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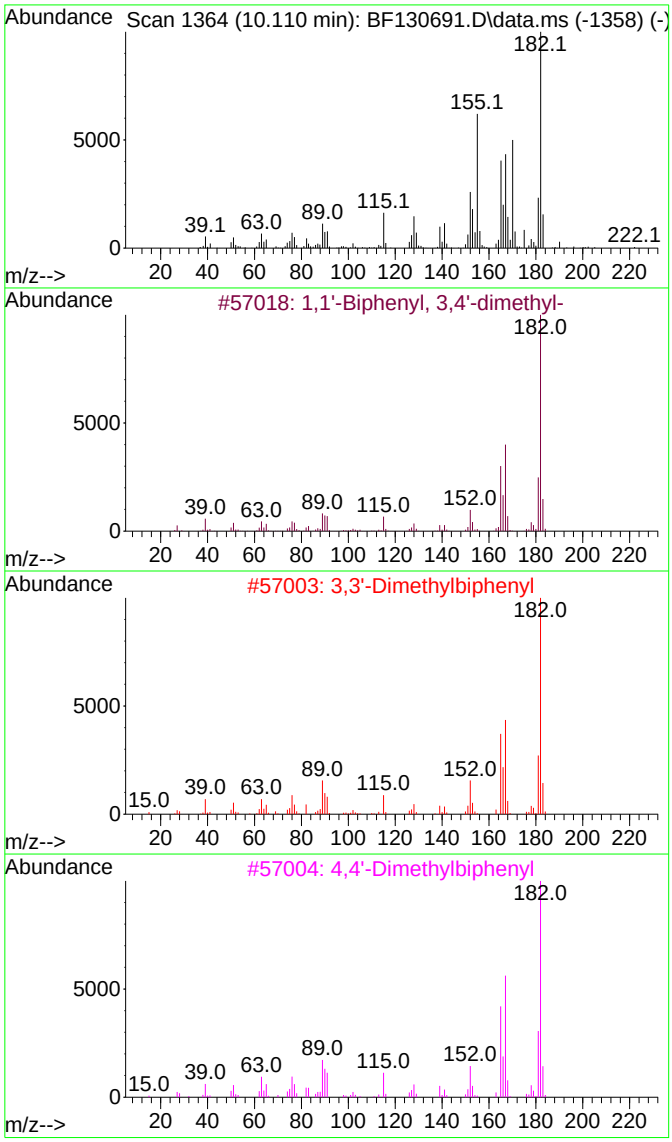
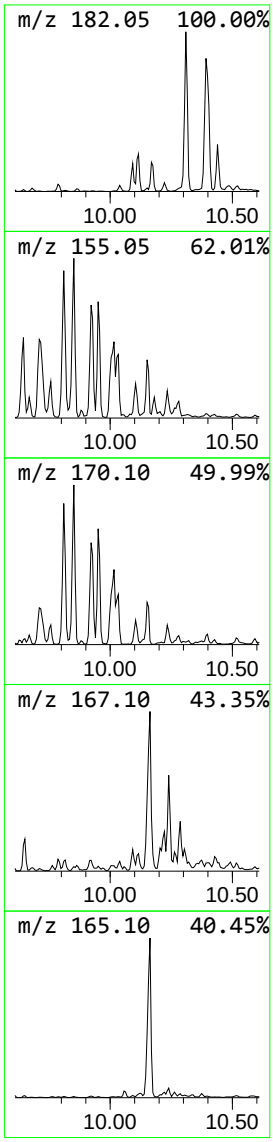
Peak Number 10 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.110	10.96 ng	524220	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	93
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	70
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
5	Bicyclo[3.2.1]octa-2,6-diene, 2-...	182	C14H14	101166-08-9	49





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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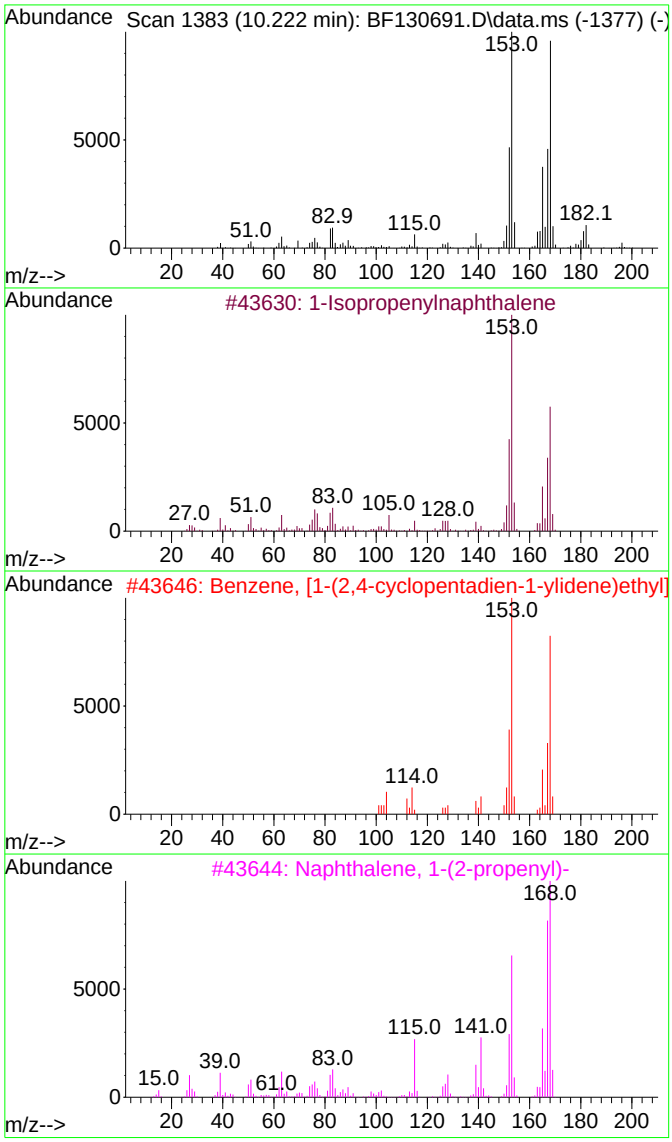
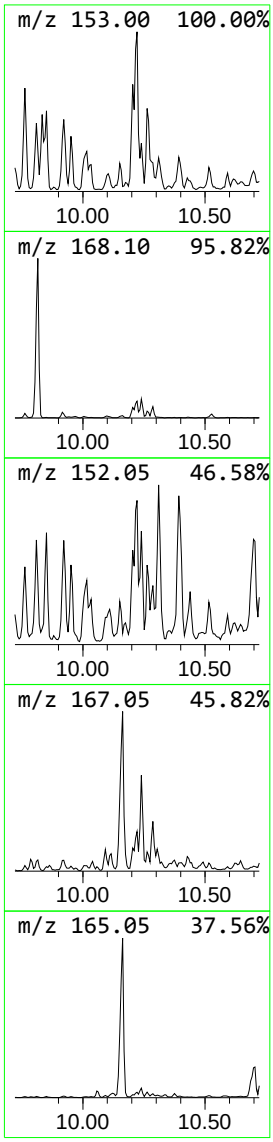
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	13.37 ng	639193	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	95
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	47
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





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Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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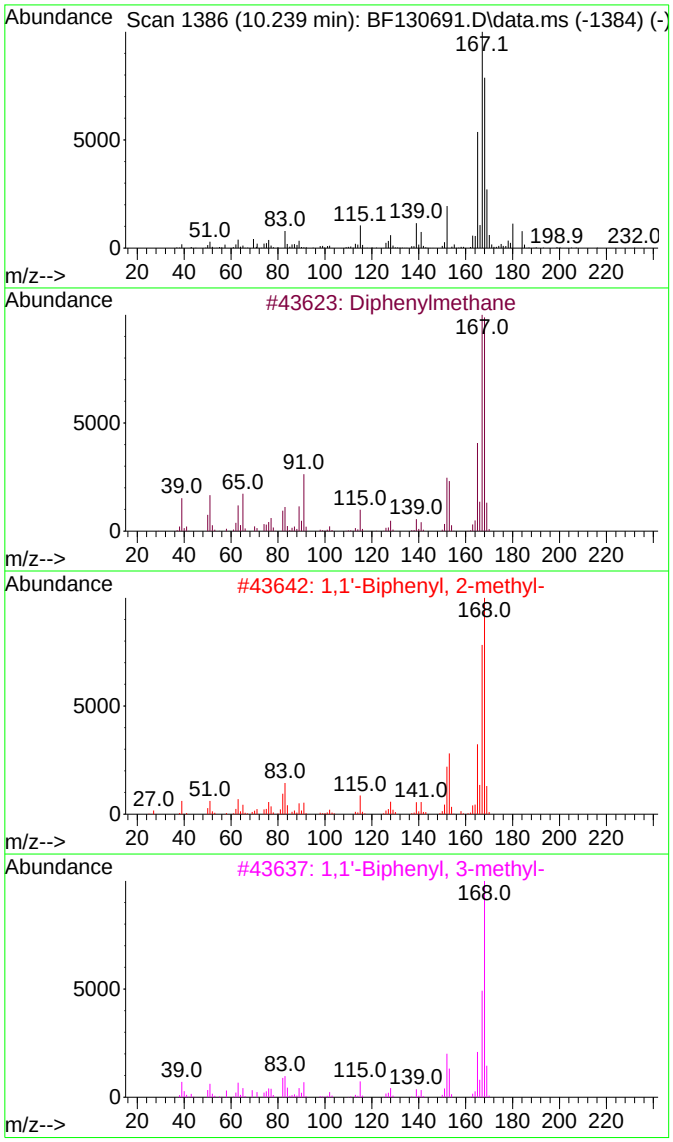
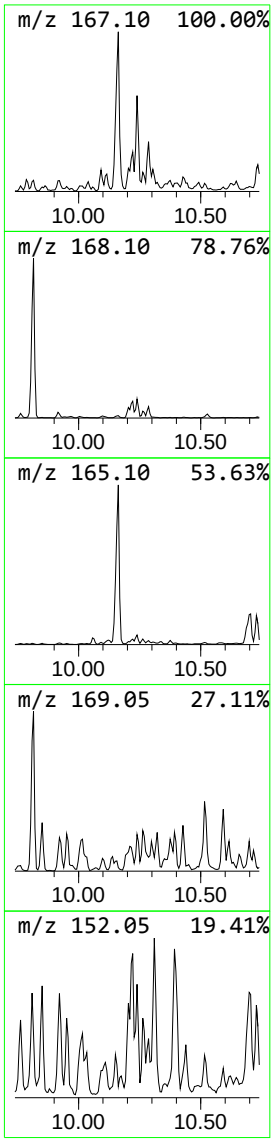
Peak Number 12 Diphenylmethane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	9.84 ng	470396	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	62
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43





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Sample : N5160-01
Misc :
ALS Vial : 12 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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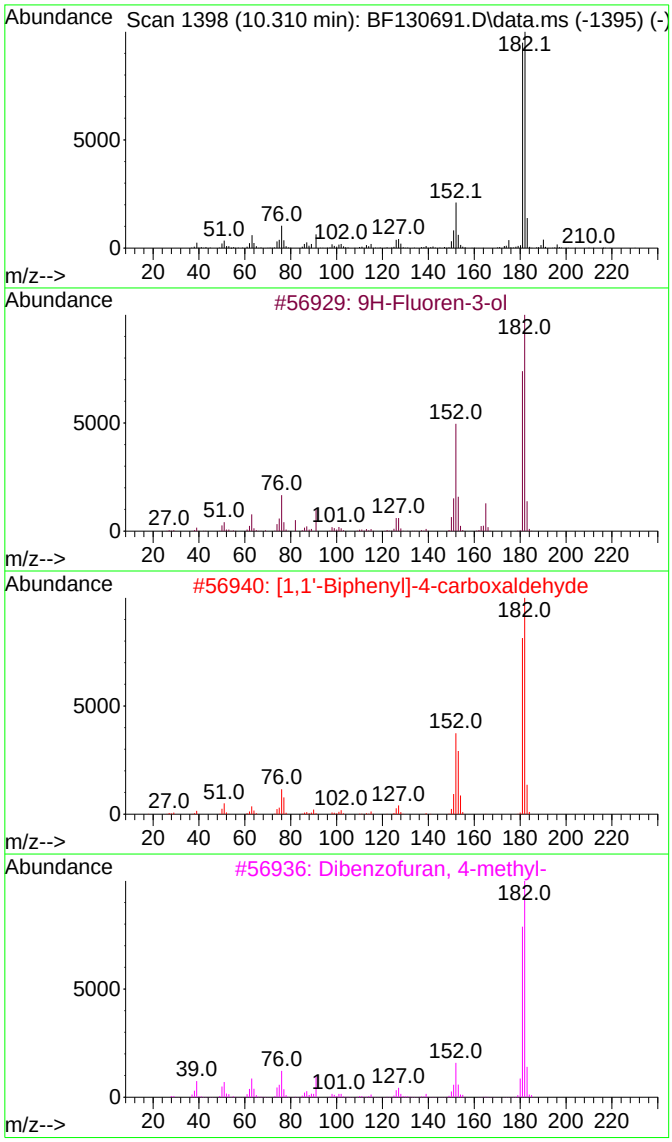
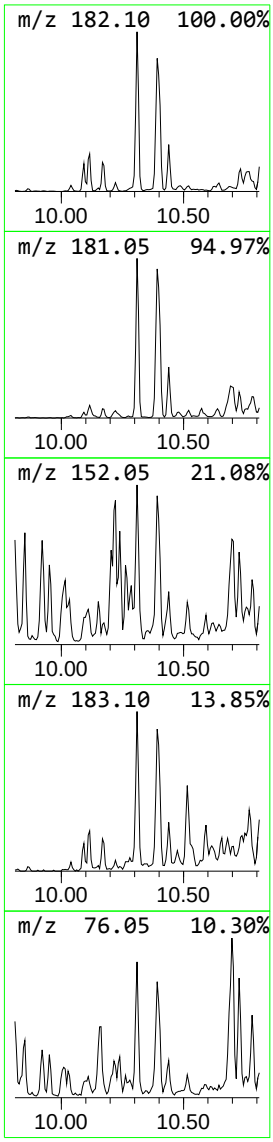
Peak Number 13 9H-Fluoren-3-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	14.59 ng	698012	Acenaphthene-d10	9.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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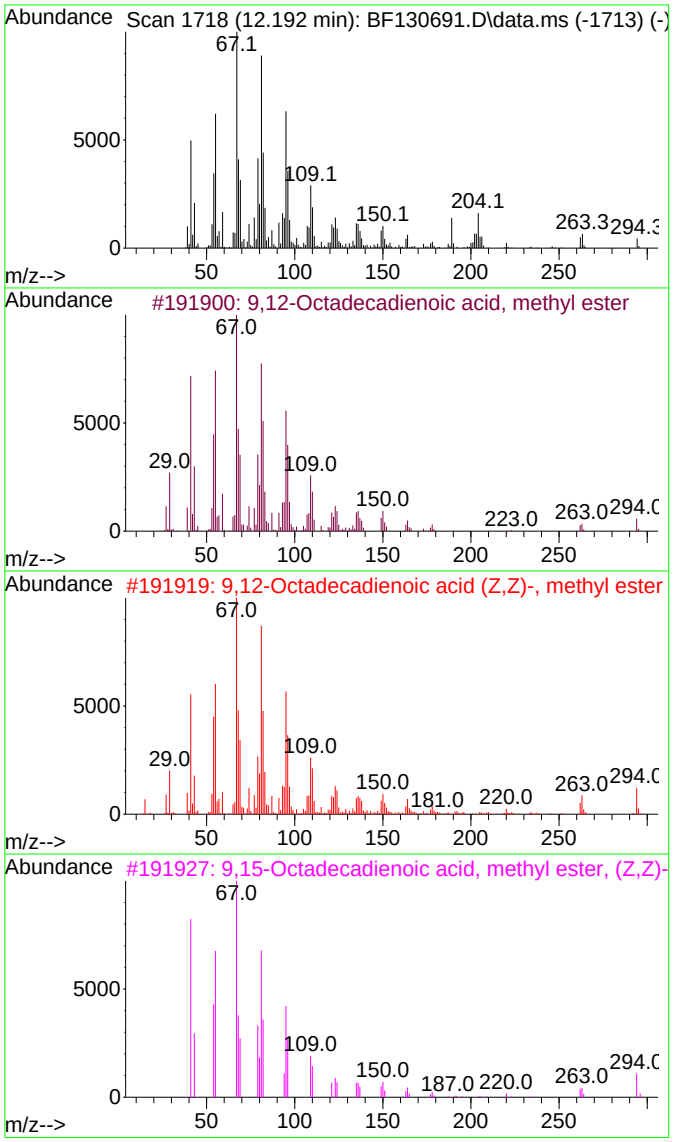
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

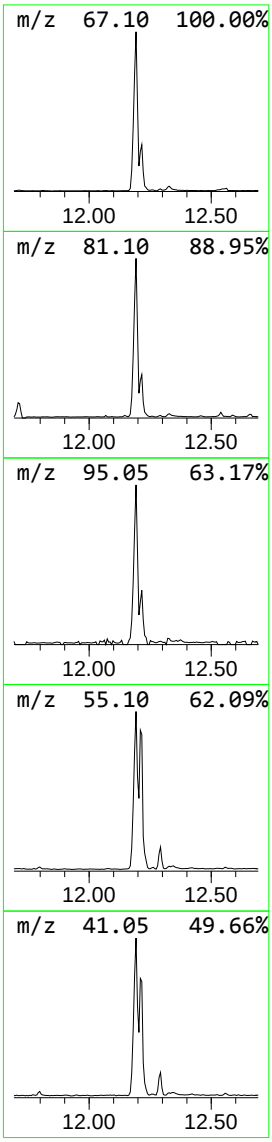
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	7.48 ng	6475840	Phenanthrene-d10	11.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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ALS Vial : 12 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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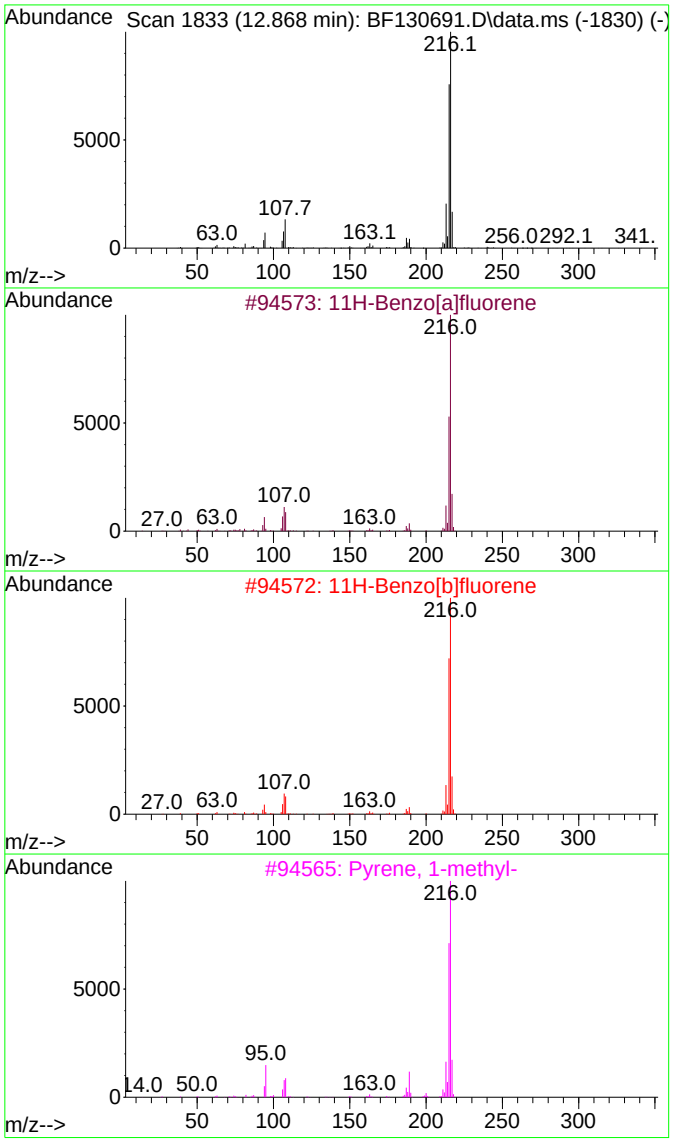
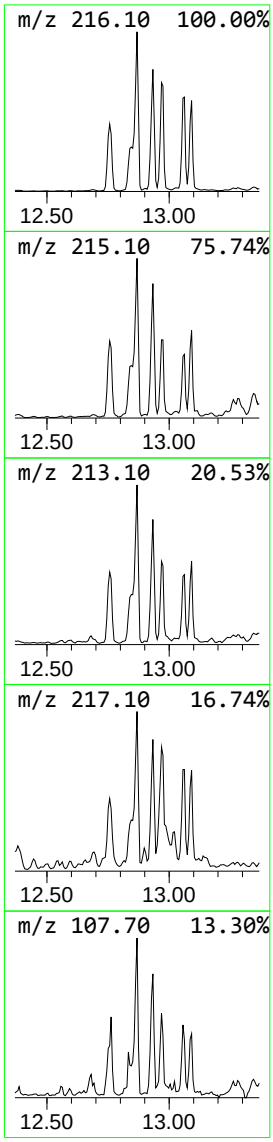
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	7.86 ng	1958560	Chrysene-d12	13.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





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ALS Vial : 12 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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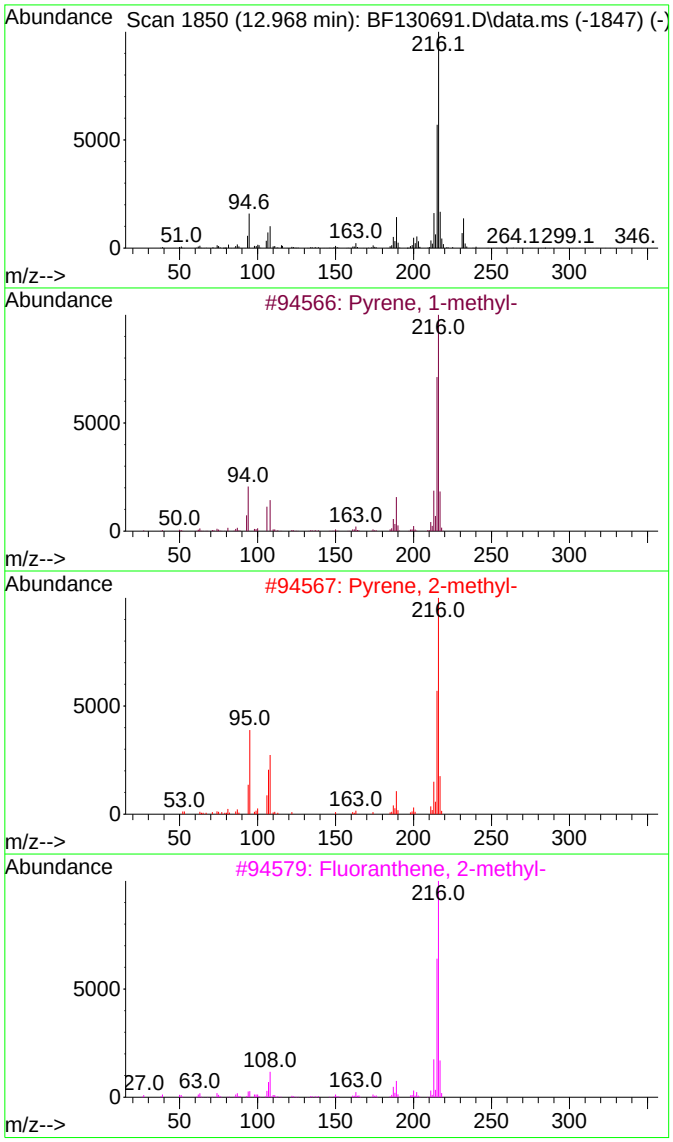
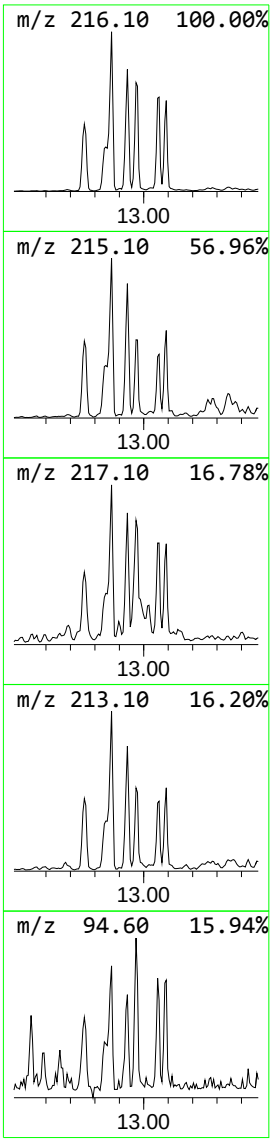
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	6.97 ng	1735630	Chrysene-d12	13.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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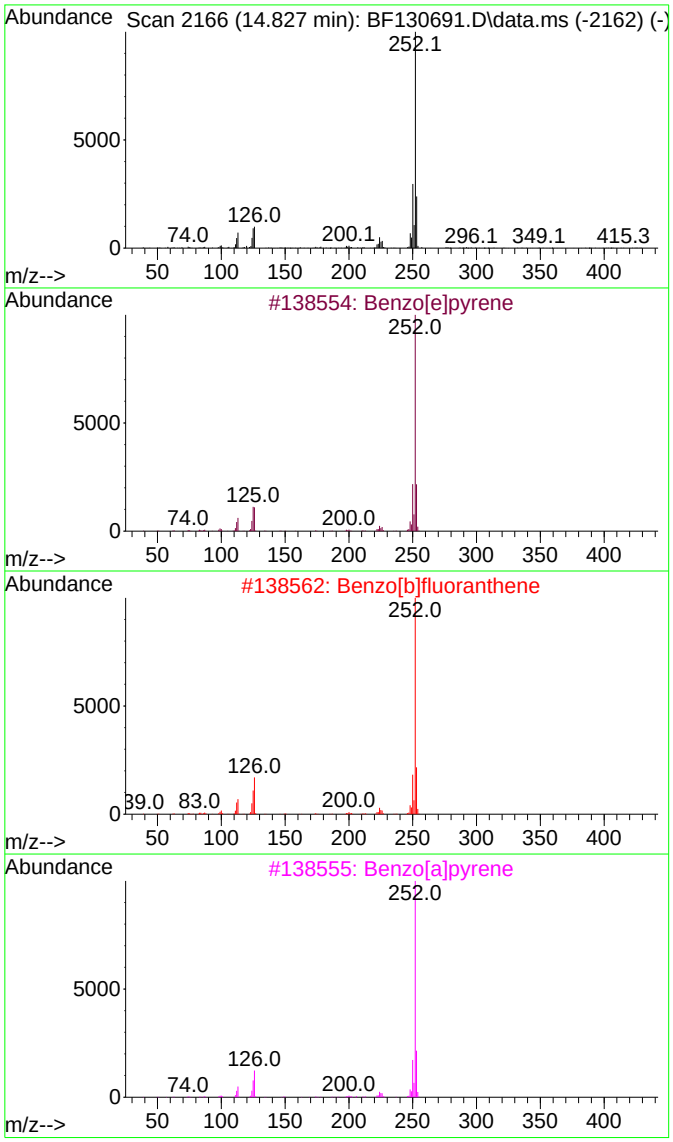
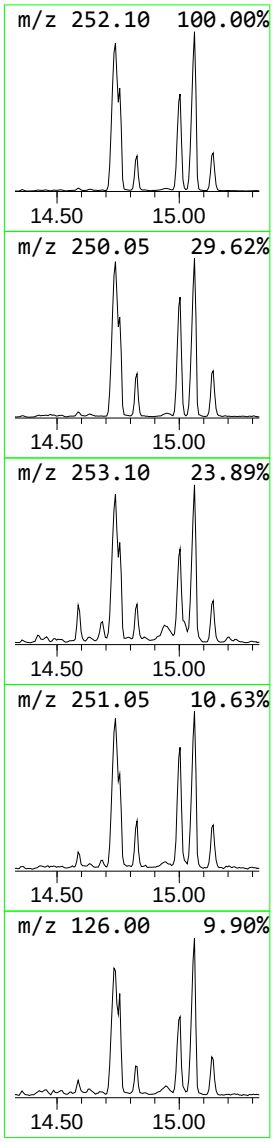
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	12.57 ng	435342	Perylene-d12	15.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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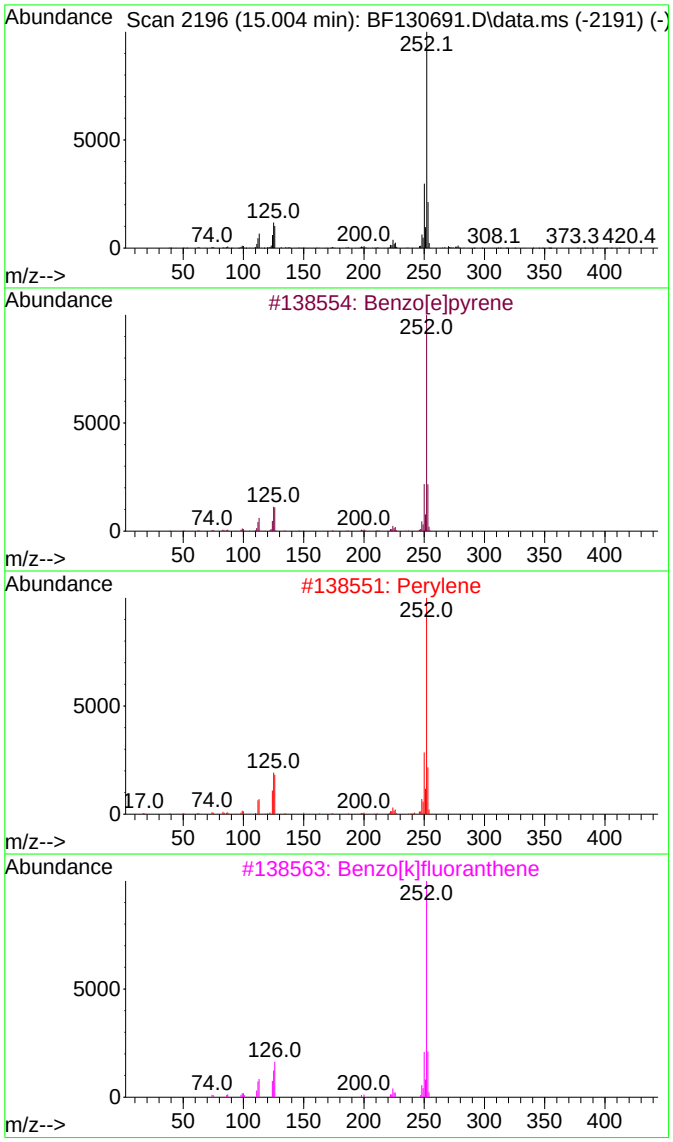
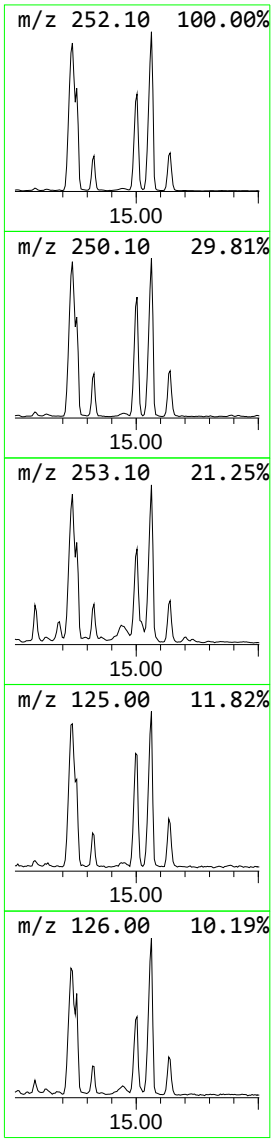
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	46.81 ng	1620920	Perylene-d12	15.110

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





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Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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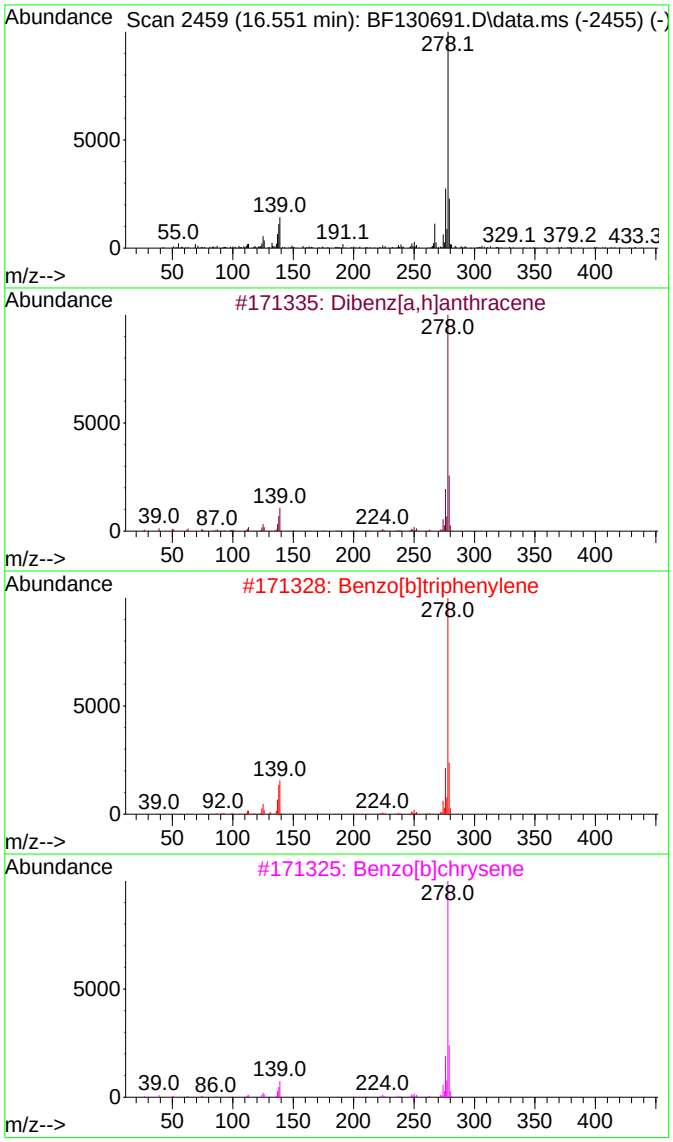
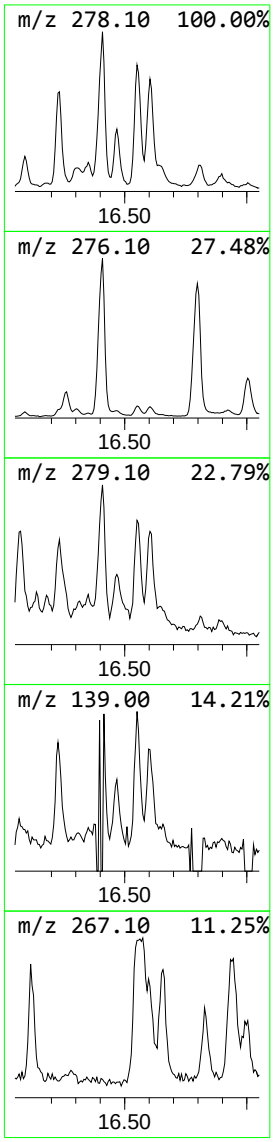
Peak Number 19 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	9.31 ng	322191	Perylene-d12	15.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
3	Benzo[b]chrysene	278	C22H14	000214-17-5	89
4	Pentacene	278	C22H14	000135-48-8	89
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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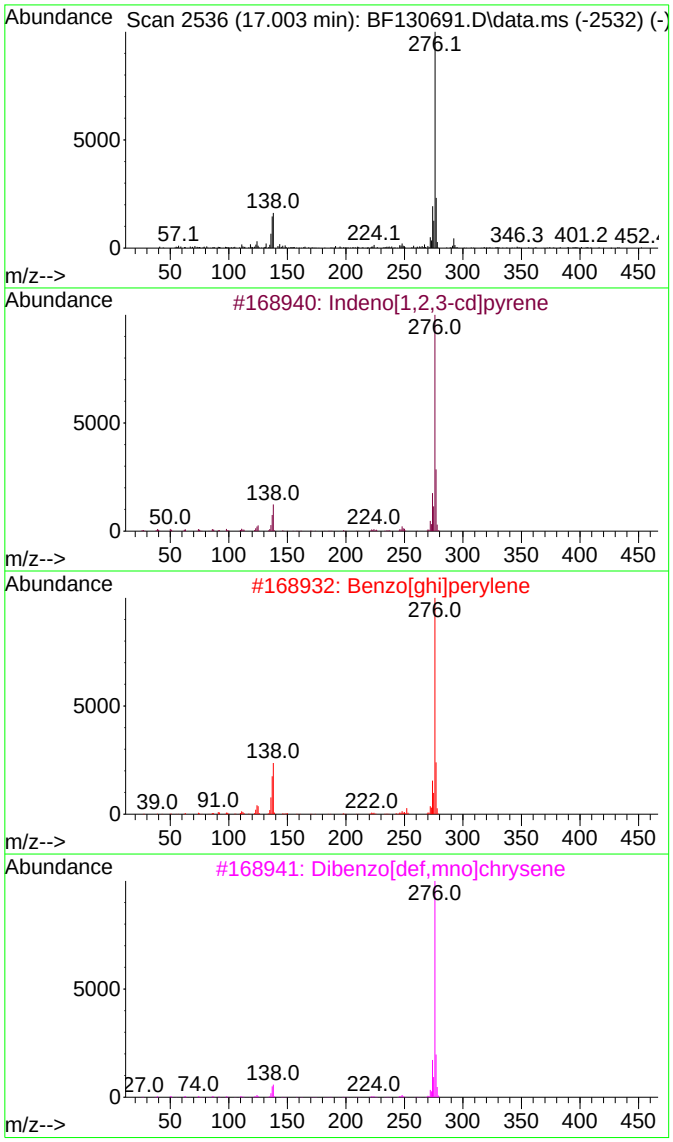
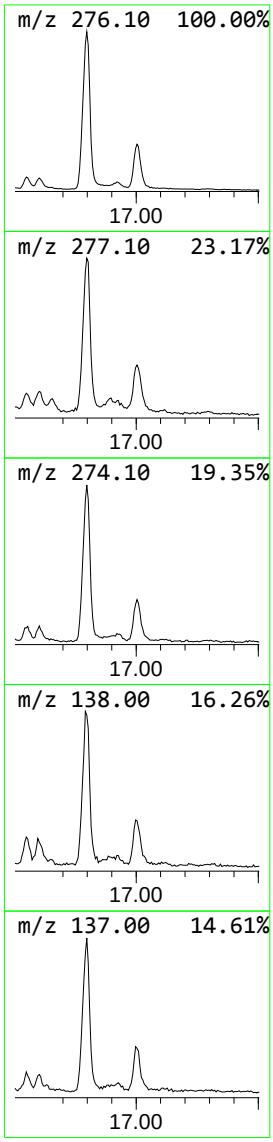
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.003	11.97 ng	414351	Perylene-d12	15.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130691.D
Acq On : 17 Oct 2022 17:31
Operator : CG\JU
Sample : N5160-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-1-101422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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-...	9.127	10.6	ng	506675	3	9.604	956515	20.0
Naphthalene, 1,...	9.198	33.8	ng	1615890	3	9.604	956515	20.0
Naphthalene, 1,...	9.275	43.0	ng	2054610	3	9.604	956515	20.0
Naphthalene, 2,...	9.298	22.0	ng	1053770	3	9.604	956515	20.0
Naphthalene, 2,...	9.386	22.3	ng	1067300	3	9.604	956515	20.0
Naphthalene, 1,...	9.716	9.9	ng	474909	3	9.604	956515	20.0
Naphthalene, 1,...	9.922	14.8	ng	709396	3	9.604	956515	20.0
Naphthalene, 2,...	9.951	9.3	ng	444985	3	9.604	956515	20.0
Naphthalene, 1,...	10.016	12.2	ng	581299	3	9.604	956515	20.0
1,1'-Biphenyl, ...	10.110	11.0	ng	524220	3	9.604	956515	20.0
1-Isopropenylna...	10.222	13.4	ng	639193	3	9.604	956515	20.0
Diphenylmethane	10.239	9.8	ng	470396	3	9.604	956515	20.0
9H-Fluoren-3-ol	10.310	14.6	ng	698012	3	9.604	956515	20.0
9,12-Octadecadi...	12.192	7.5	ng	6475840	4	11.098	17320000	20.0
11H-Benzo[a]flu...	12.868	7.9	ng	1958560	5	13.739	4982790	20.0
Pyrene, 1-methyl-	12.968	7.0	ng	1735630	5	13.739	4982790	20.0
Benzo[e]pyrene	14.827	12.6	ng	435342	6	15.110	692488	20.0
Perylene	15.004	46.8	ng	1620920	6	15.110	692488	20.0
Benzo[b]triphen...	16.551	9.3	ng	322191	6	15.110	692488	20.0
Dibenzo[def,mno...	17.003	12.0	ng	414351	6	15.110	692488	20.0