

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022889.D
 Acq On : 26 Nov 2022 19:55
 Operator : CG/JU
 Sample : N5592-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0AA3

Quant Time: Nov 28 03:49:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

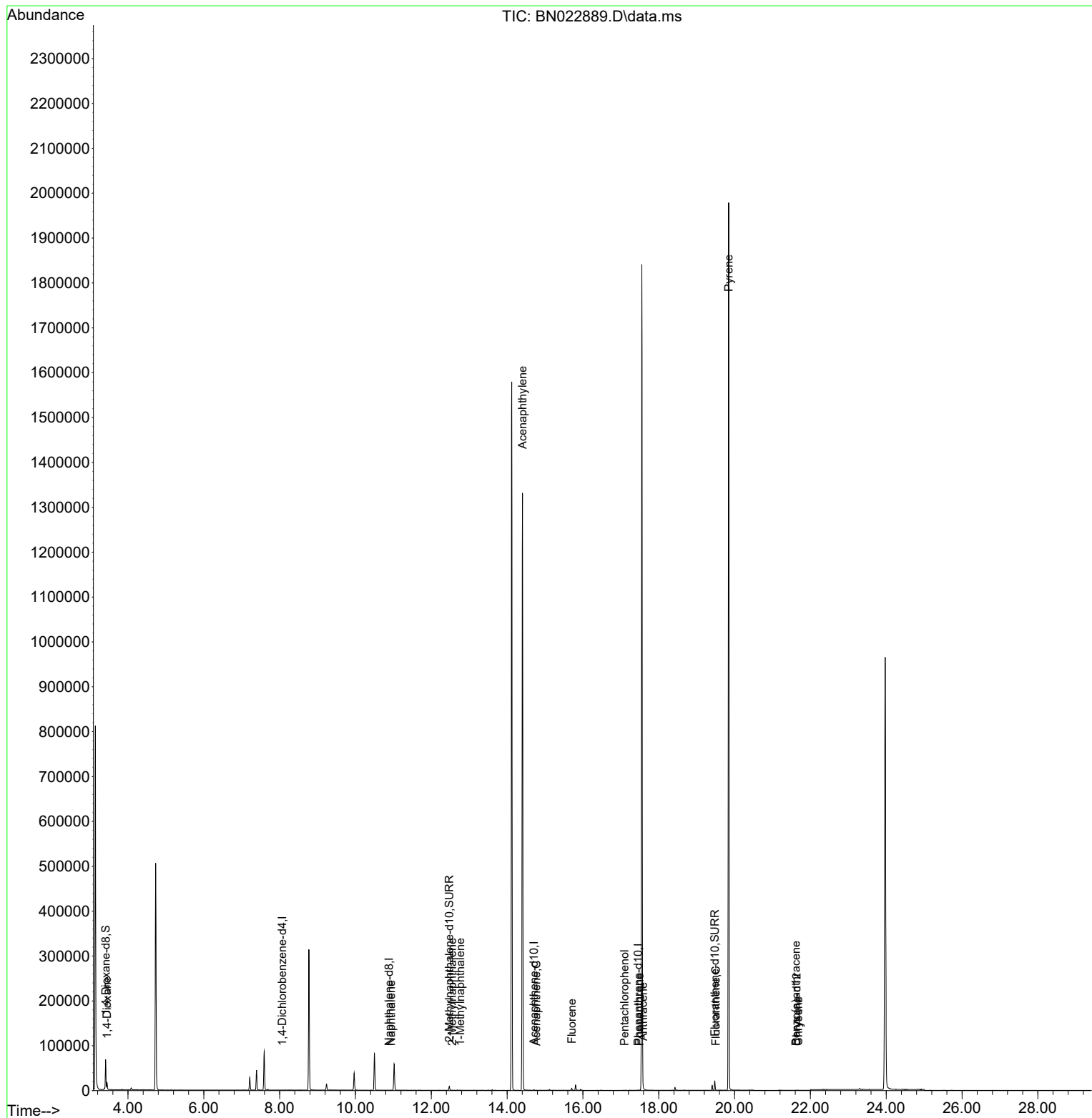
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	23	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.887	136	208	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.710	164	638	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.453	188	972	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.639	240	343	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	39778	1441.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	10593	33.420	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	20866	16.464	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.450	88	9502	330.111	ng/ul	97
5) Naphthalene	10.942	128	367	0.581	ng/ul#	45
7) 2-Methylnaphthalene	12.547	142	148	0.375	ng/ul	94
8) 1-Methylnaphthalene	12.762	142	122	0.304	ng/ul	94
10) Acenaphthylene	14.405	152	252	0.080	ng/ul#	1
11) Acenaphthene	14.770	153	81	0.033	ng/ul#	71
12) Fluorene	15.705	166	4005	1.420	ng/ul#	12
14) Pentachlorophenol	17.099	266	20	0.098	ng/ul#	100
15) Phenanthrene	17.496	178	542	0.162	ng/ul#	65
16) Anthracene	17.589	178	1225	0.428	ng/ul#	81
19) Fluoranthene	19.508	202	341	0.192	ng/ul#	22
20) Pyrene	19.843	202	3247	1.870	ng/ul#	1
21) Benzo(a)anthracene	21.622	228	144	0.110	ng/ul#	15
22) Chrysene	21.677	228	197	0.137	ng/ul#	35

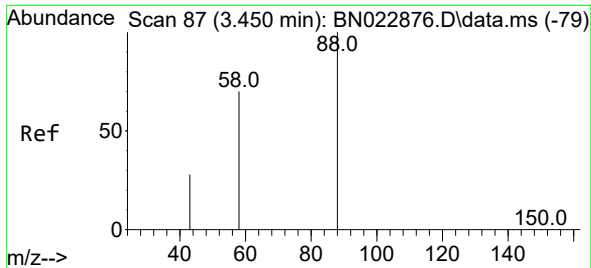
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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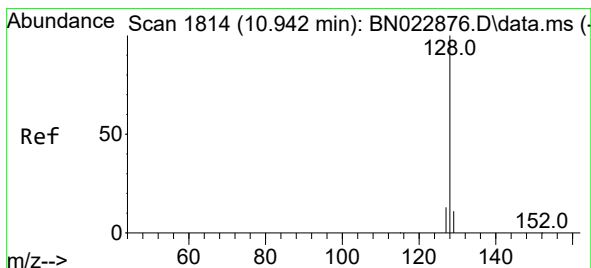
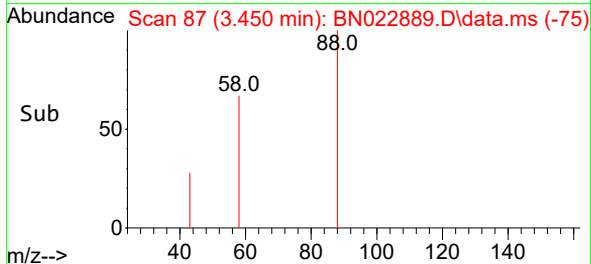
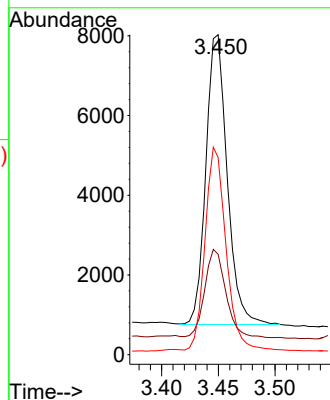
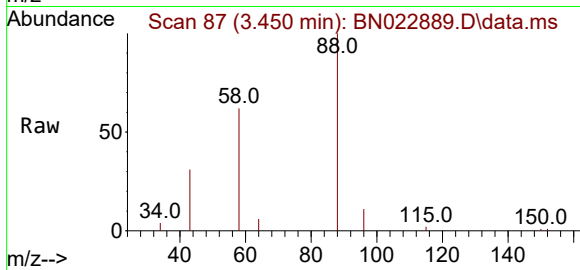




#2
1,4-Dioxane
Concen: 330.111 ng/ul
RT: 3.450 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

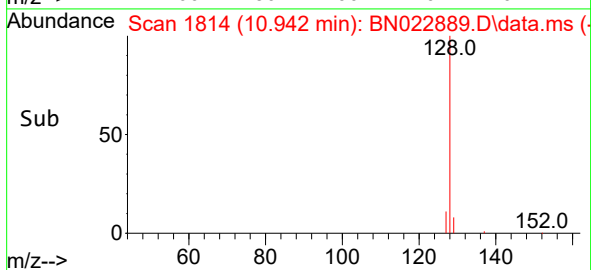
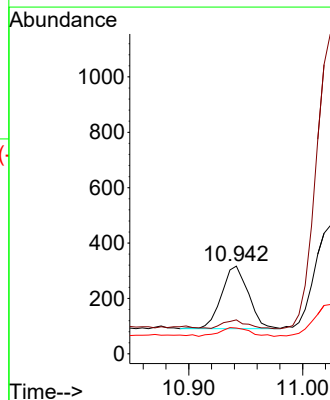
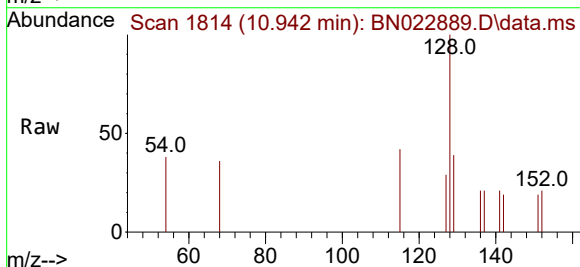
Instrument :
BNA_N
ClientSampleId :
H0AA3

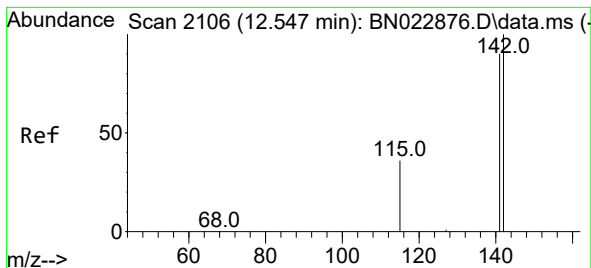
Tgt Ion: 88 Resp: 9502
Ion Ratio Lower Upper
88 100
43 31.4 26.2 39.4
58 61.6 47.6 71.4



#5
Naphthalene
Concen: 0.581 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:128 Resp: 367
Ion Ratio Lower Upper
128 100
129 38.8 9.0 13.6#
127 29.3 10.6 16.0#

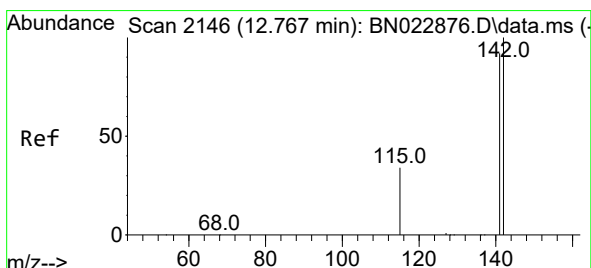
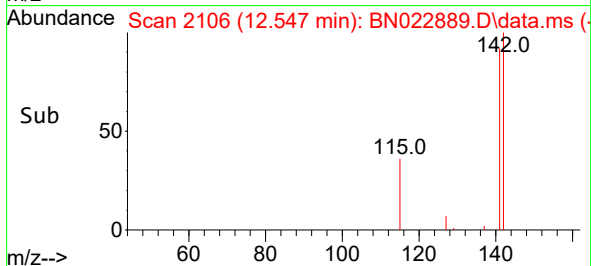
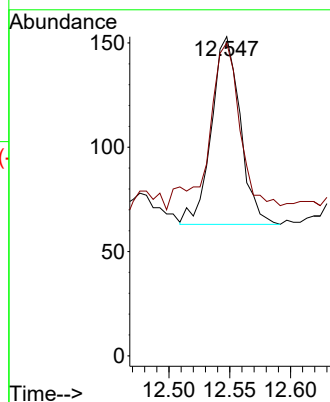
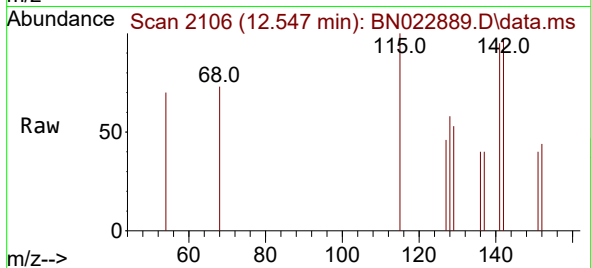




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

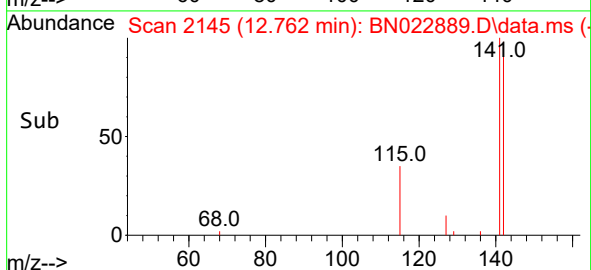
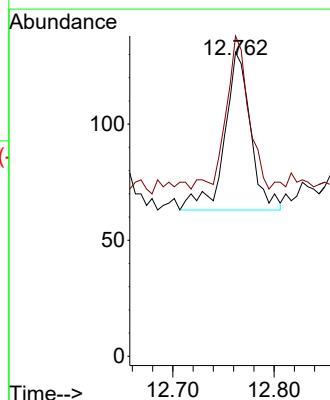
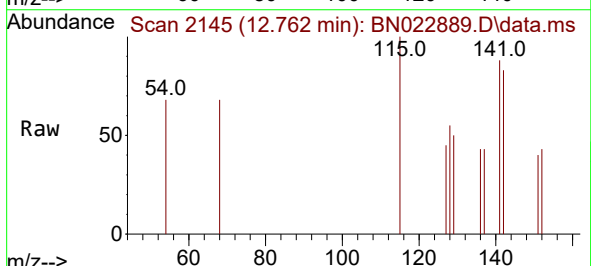
Instrument :
BNA_N
ClientSampleId :
H0AA3

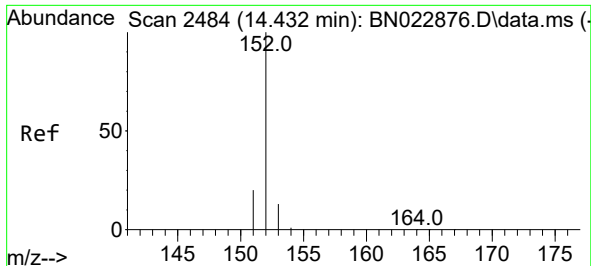
Tgt Ion:142 Resp: 148
Ion Ratio Lower Upper
142 100
141 83.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
141 86.1 73.8 110.6

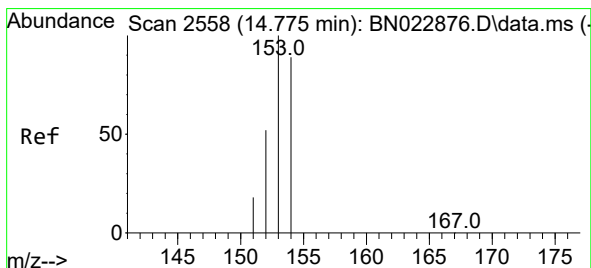
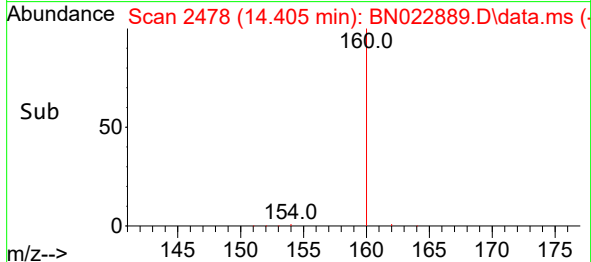
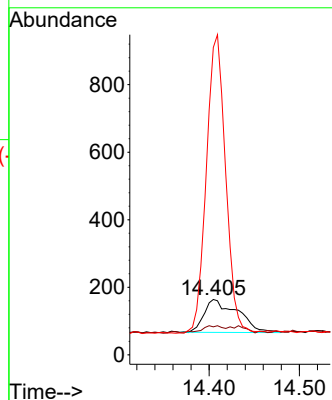
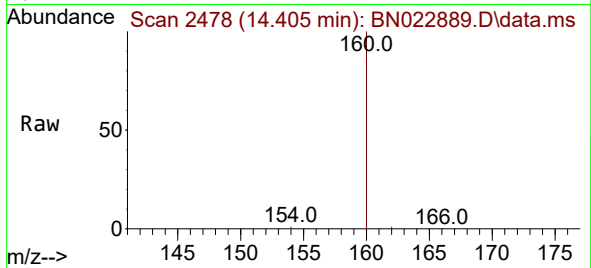




#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.405 min Scan# 2484
Delta R.T. -0.028 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

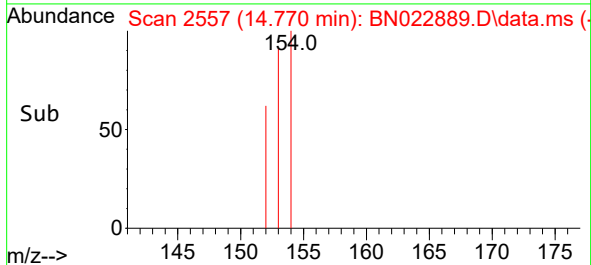
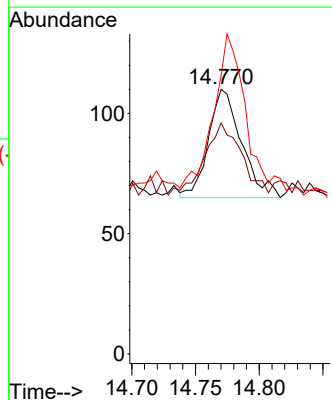
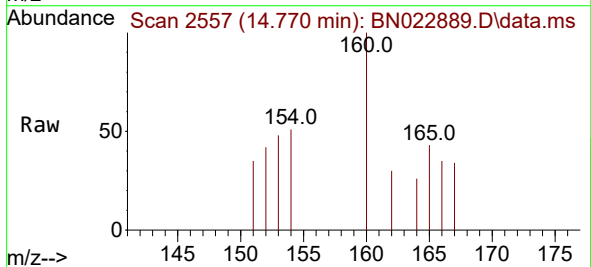
Instrument :
BNA_N
ClientSampleId :
H0AA3

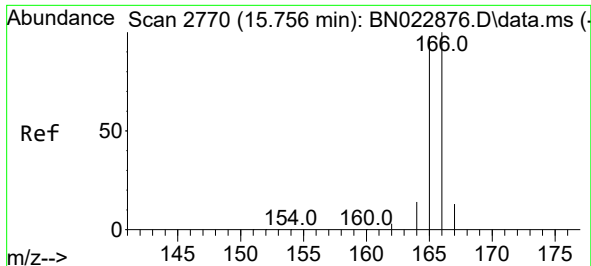
Tgt Ion:152 Resp: 252
Ion Ratio Lower Upper
152 100
151 50.6 16.0 24.0#
153 554.9 10.5 15.7#



#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:153 Resp: 81
Ion Ratio Lower Upper
153 100
152 87.3 41.8 62.8#
154 105.5 71.3 106.9

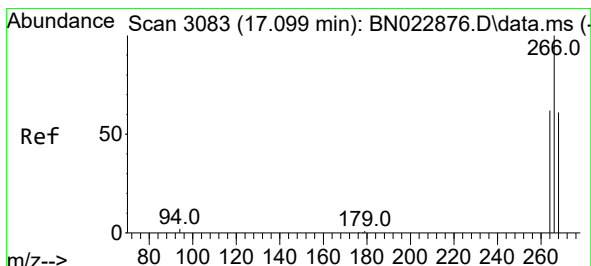
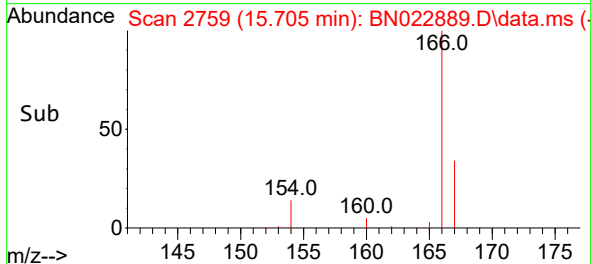
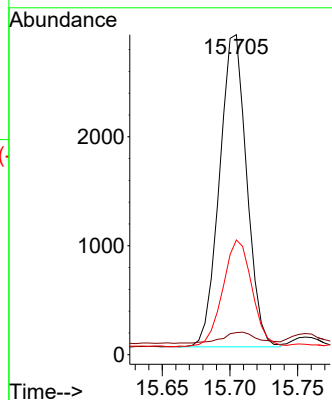
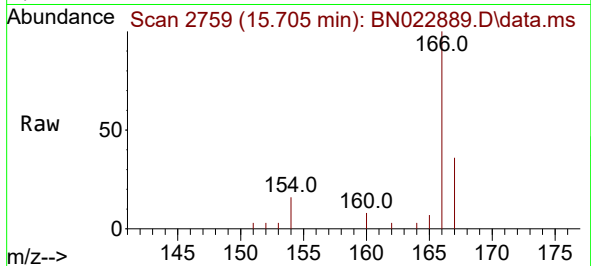




#12
Fluorene
Concen: 1.420 ng/ul
RT: 15.705 min Scan# 2759
Delta R.T. -0.051 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

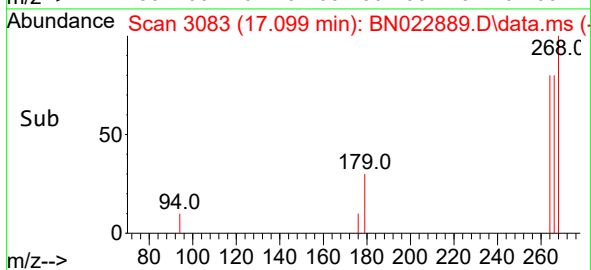
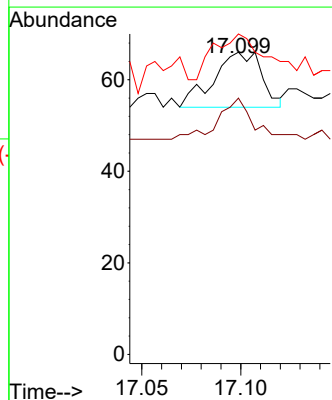
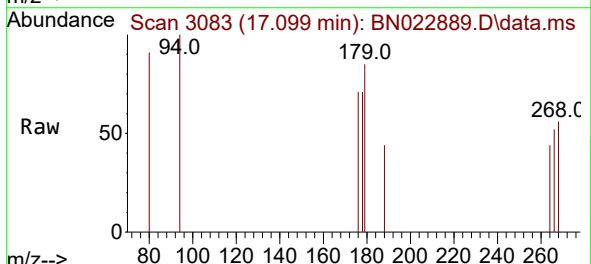
Instrument :
BNA_N
ClientSampleId :
H0AA3

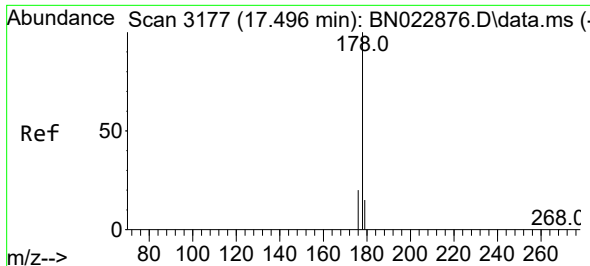
Tgt Ion:166 Resp: 4005
Ion Ratio Lower Upper
166 100
165 6.9 78.7 118.1#
167 35.9 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.098 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:266 Resp: 20
Ion Ratio Lower Upper
266 100
264 85.0 0.0 0.0#
268 125.0 0.0 0.0#

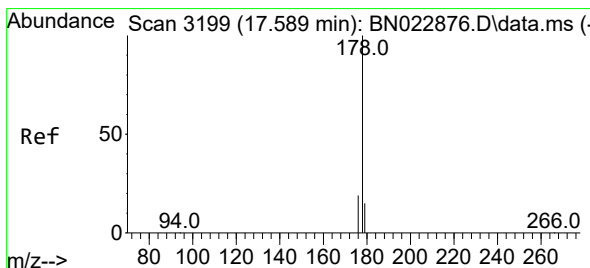
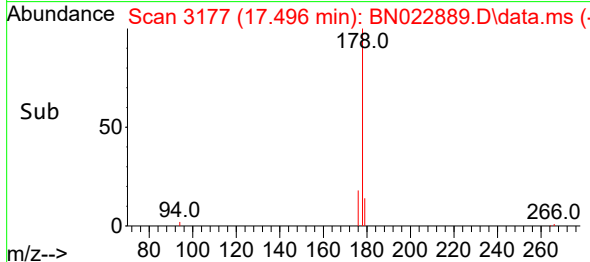
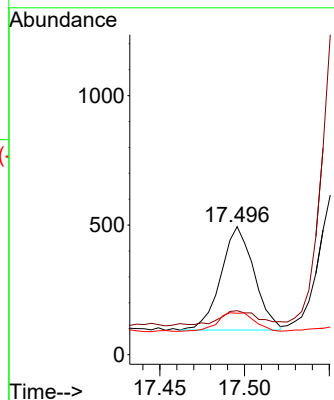
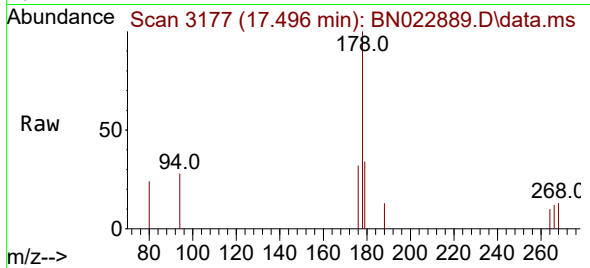




#15
Phenanthrene
Concen: 0.162 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

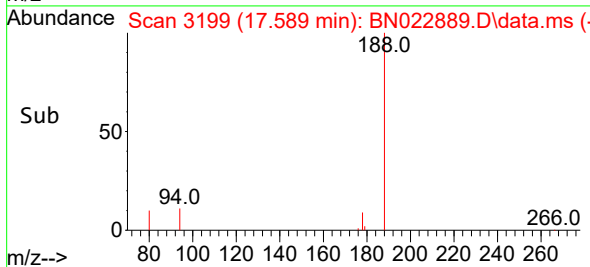
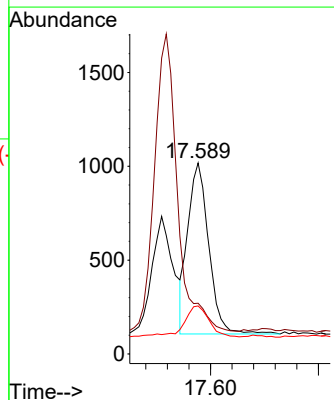
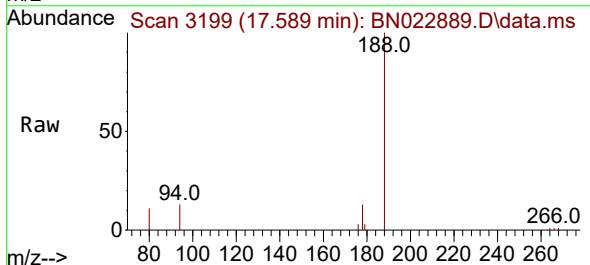
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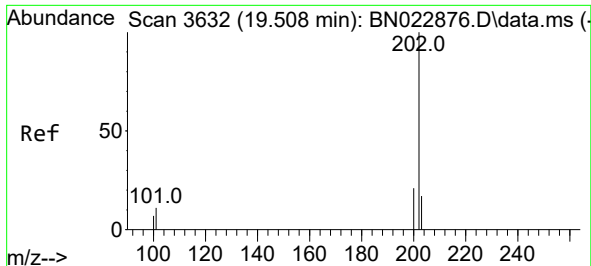
Tgt Ion:178 Resp: 542
Ion Ratio Lower Upper
178 100
179 34.4 12.5 18.7#
176 32.4 15.9 23.9#



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:178 Resp: 1225
Ion Ratio Lower Upper
178 100
179 26.5 12.6 18.8#
176 25.1 15.3 22.9#

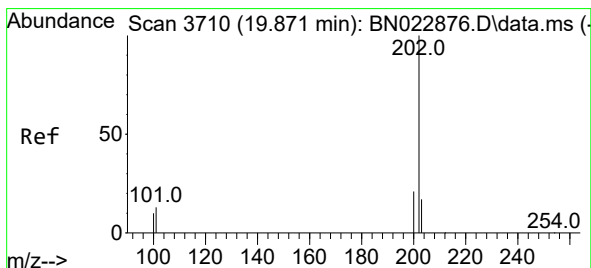
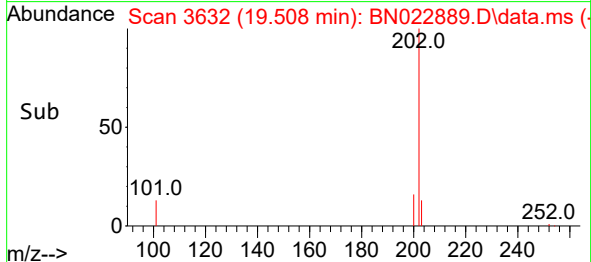
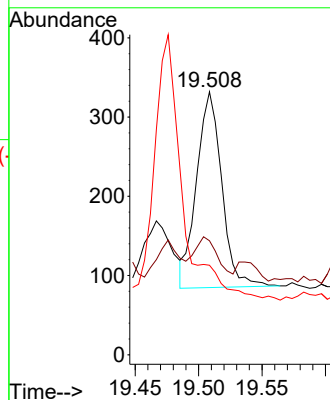
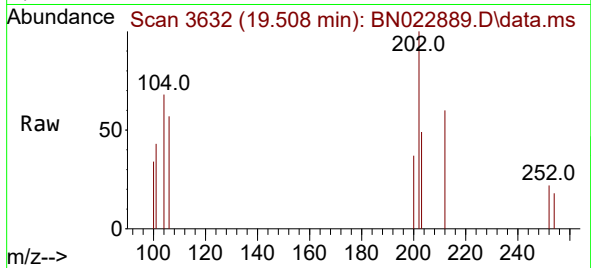




#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.508 min Scan# 301
Delta R.T. 0.000 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

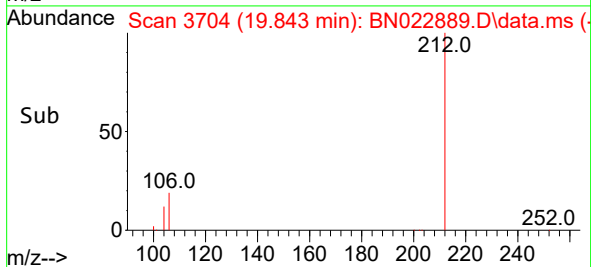
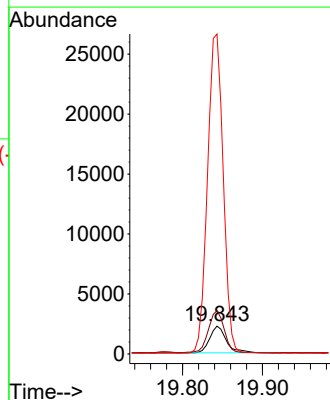
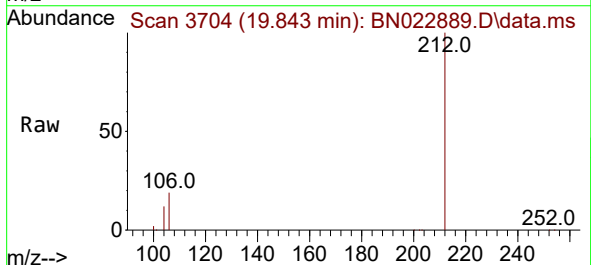
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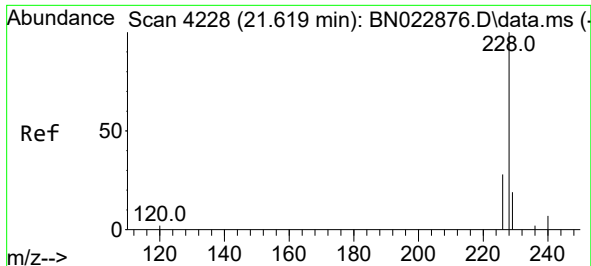
Tgt Ion:202 Resp: 341
Ion Ratio Lower Upper
202 100
101 43.4 9.2 13.8#
100 34.0 6.9 10.3#



#20
Pyrene
Concen: 1.870 ng/ul
RT: 19.843 min Scan# 3704
Delta R.T. -0.028 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:202 Resp: 3247
Ion Ratio Lower Upper
202 100
101 155.5 10.6 16.0#
100 1151.5 8.2 12.4#

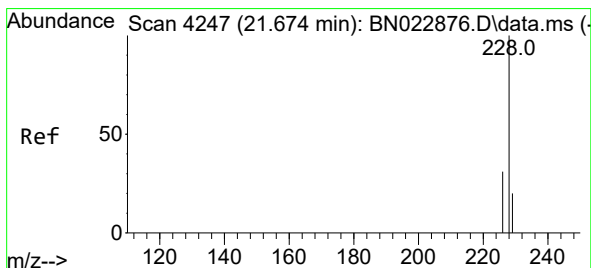
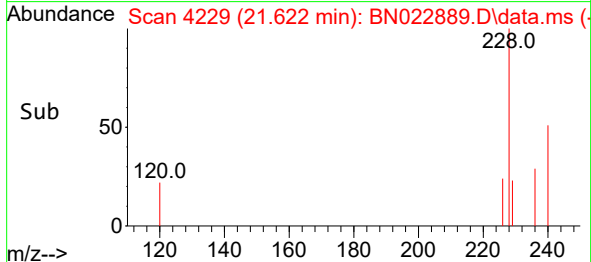
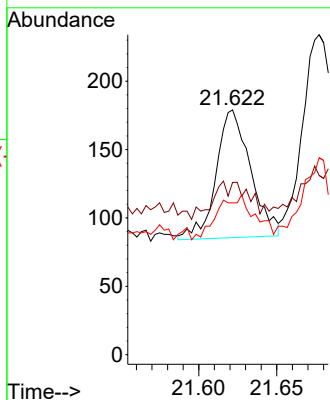
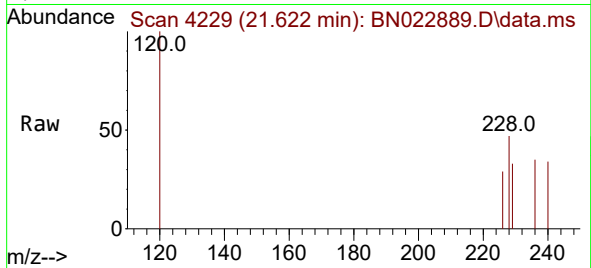




#21
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.622 min Scan# 4228
Delta R.T. 0.003 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Instrument :
BNA_N
ClientSampleId :
H0AA3

Tgt Ion:228 Resp: 144
Ion Ratio Lower Upper
228 100
229 70.4 15.5 23.3#
226 62.0 22.2 33.4#



#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022889.D
Acq: 26 Nov 2022 19:55

Tgt Ion:228 Resp: 197
Ion Ratio Lower Upper
228 100
226 61.5 24.6 37.0#
229 56.0 15.8 23.8#

