

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022888.D
 Acq On : 26 Nov 2022 19:18
 Operator : CG/JU
 Sample : N5592-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0AA2

Quant Time: Nov 28 03:49:11 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)

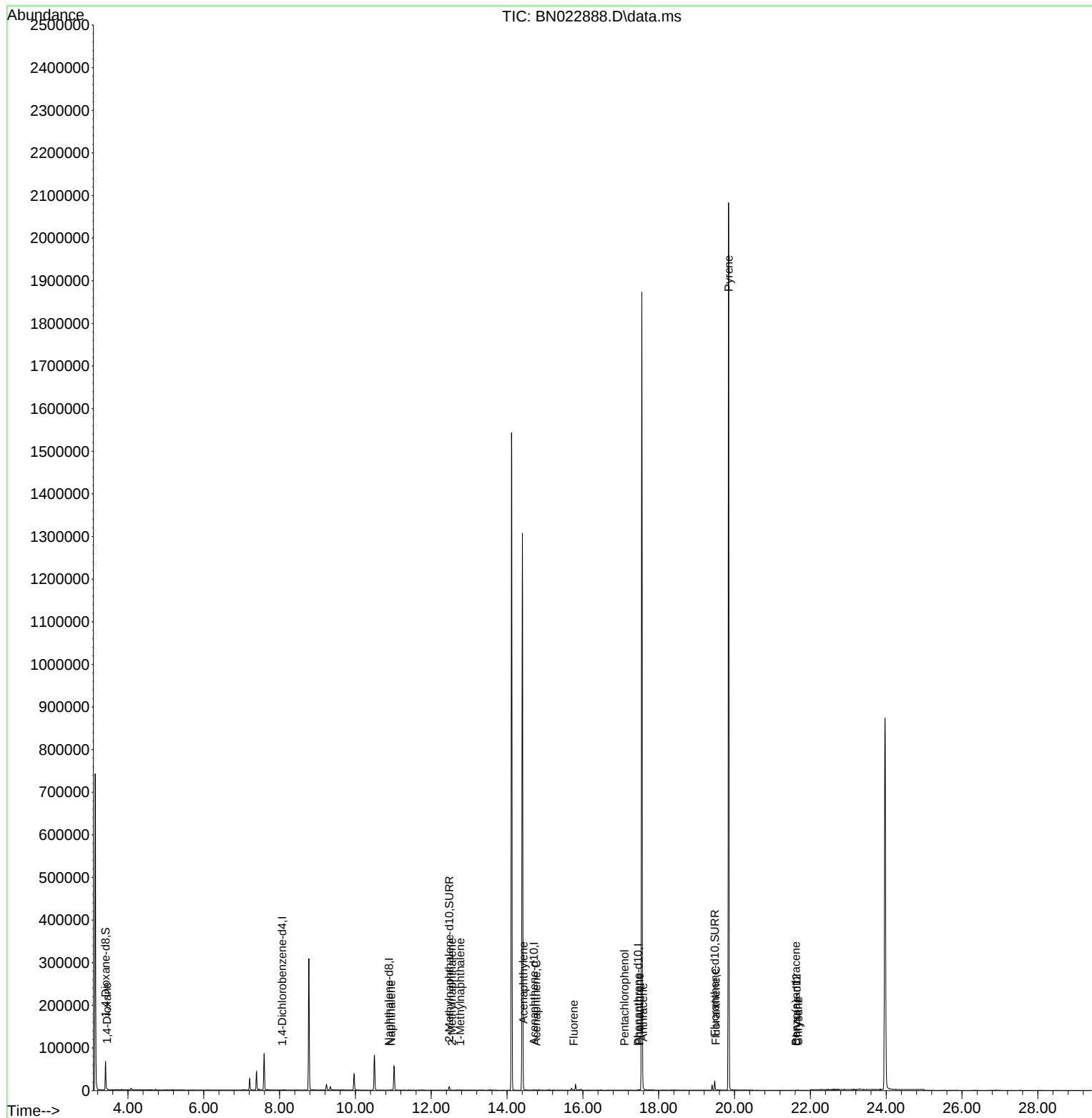
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	27	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.887	136	217	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.710	164	665	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.453	188	1076	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.639	240	374	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	39300	1212.909	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	10410	31.481	ng/ul	0.00
18) Fluoranthene-d10	19.481	212	22706	16.431	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	1654	48.949	ng/ul#	88
5) Naphthalene	10.942	128	542	0.823	ng/ul#	41
7) 2-Methylnaphthalene	12.542	142	201	0.488	ng/ul	96
8) 1-Methylnaphthalene	12.762	142	179	0.427	ng/ul	94
10) Acenaphthylene	14.428	152	361	0.110	ng/ul#	1
11) Acenaphthene	14.770	153	333	0.128	ng/ul#	90
12) Fluorene	15.756	166	449	0.153	ng/ul#	90
14) Pentachlorophenol	17.099	266	172	0.764	ng/ul#	100
15) Phenanthrene	17.496	178	1215	0.329	ng/ul#	71
16) Anthracene	17.589	178	1225	0.387	ng/ul#	76
19) Fluoranthene	19.509	202	656	0.339	ng/ul#	43
20) Pyrene	19.843	202	3742	1.977	ng/ul#	1
21) Benzo(a)anthracene	21.622	228	346	0.242	ng/ul#	55
22) Chrysene	21.677	228	415	0.265	ng/ul#	66

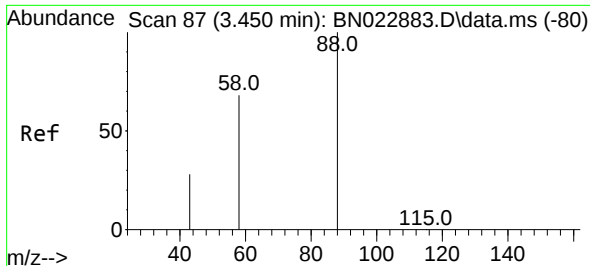
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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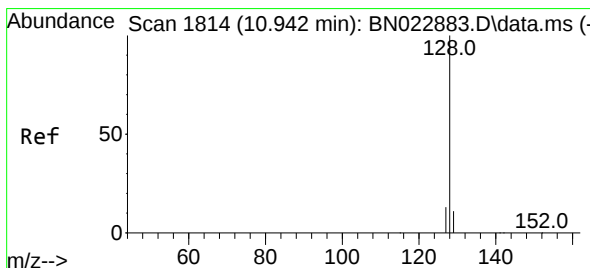
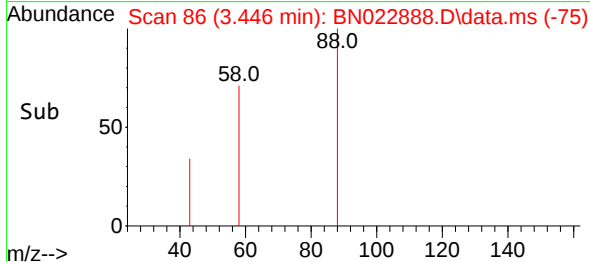
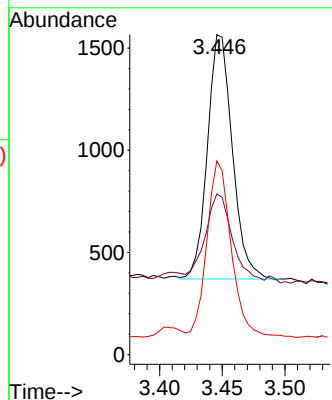
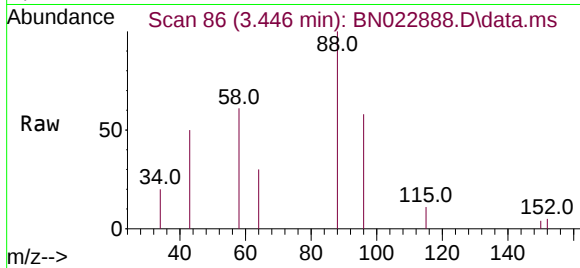




#2
1,4-Dioxane
Concen: 48.949 ng/ul
RT: 3.446 min Scan# 86
Delta R.T. -0.004 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

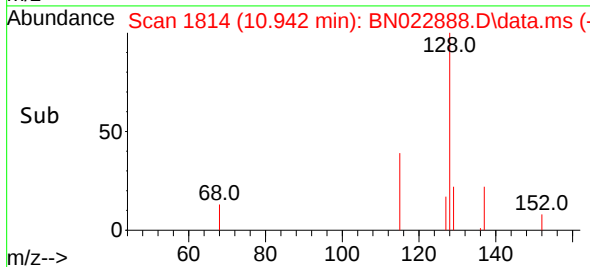
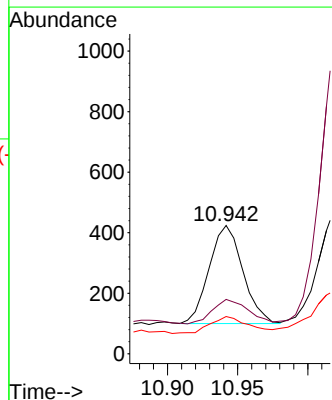
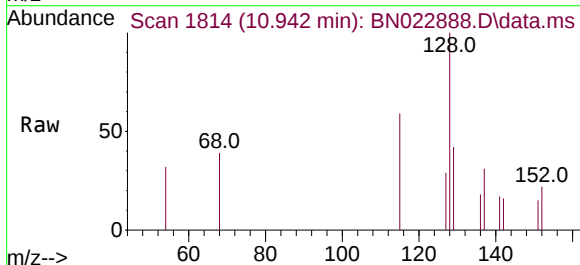
Instrument :
BNA_N
ClientSampleId :
H0AA2

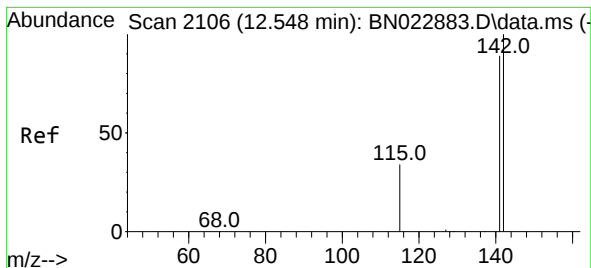
Tgt Ion: 88 Resp: 1654
Ion Ratio Lower Upper
88 100
43 50.2 26.2 39.4#
58 60.5 47.6 71.4



#5
Naphthalene
Concen: 0.823 ng/ul
RT: 10.942 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

Tgt Ion: 128 Resp: 542
Ion Ratio Lower Upper
128 100
129 42.5 9.0 13.6#
127 29.0 10.6 16.0#

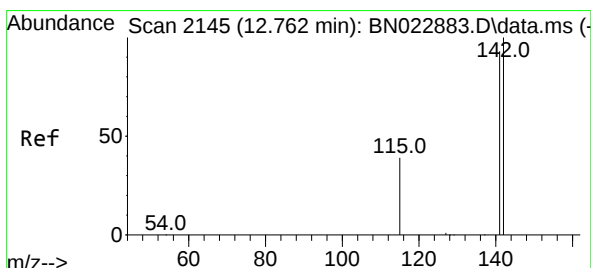
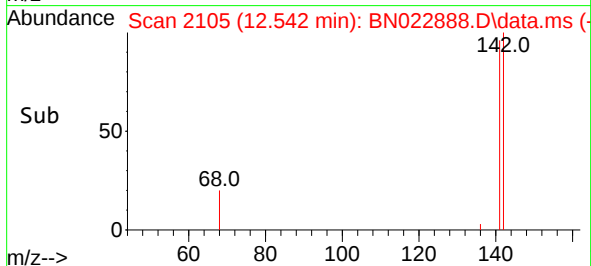
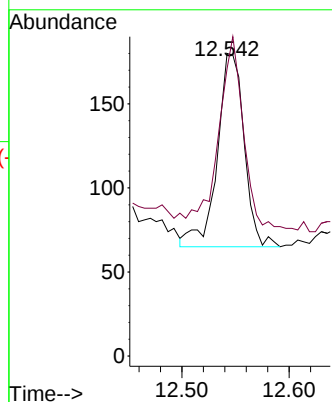
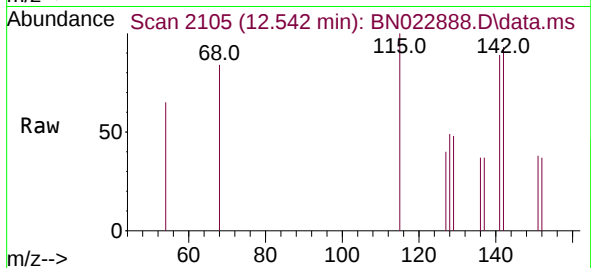




#7
2-Methylnaphthalene
Concen: 0.488 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

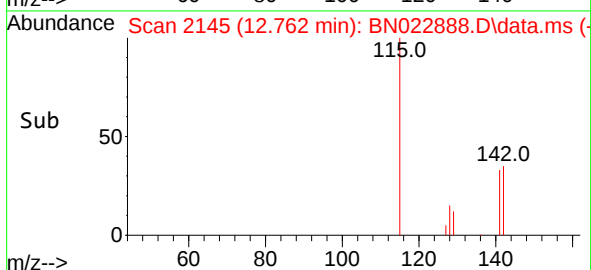
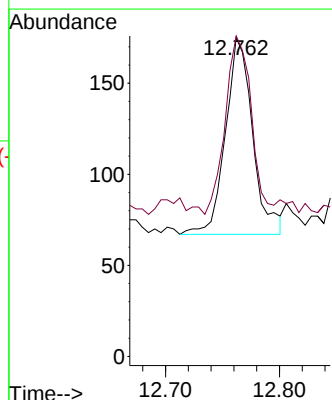
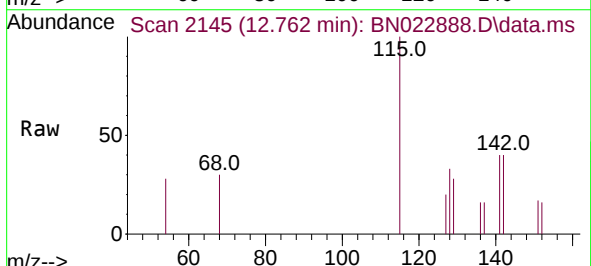
Instrument :
BNA_N
ClientSampleId :
H0AA2

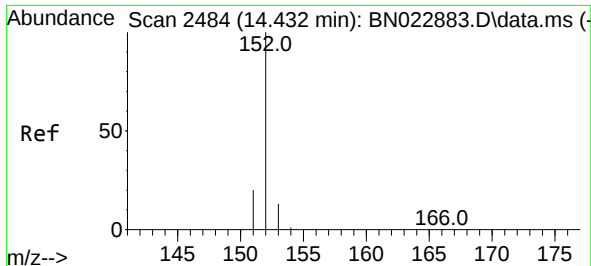
Tgt Ion:142 Resp: 201
Ion Ratio Lower Upper
142 100
141 93.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

Tgt Ion:142 Resp: 179
Ion Ratio Lower Upper
142 100
141 86.6 73.8 110.6

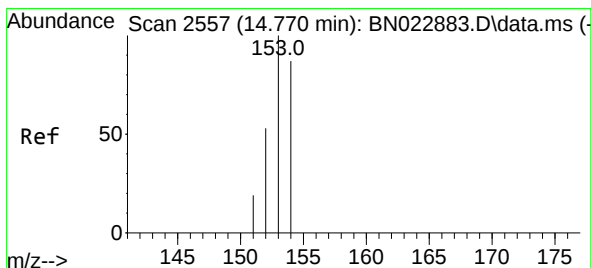
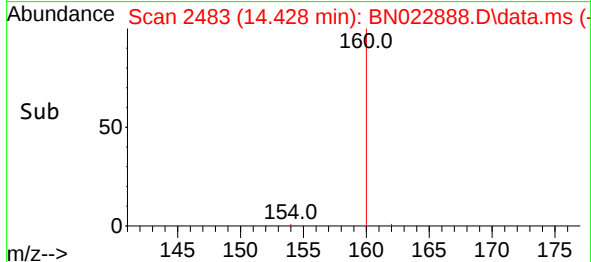
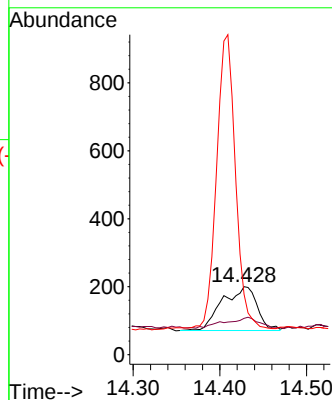
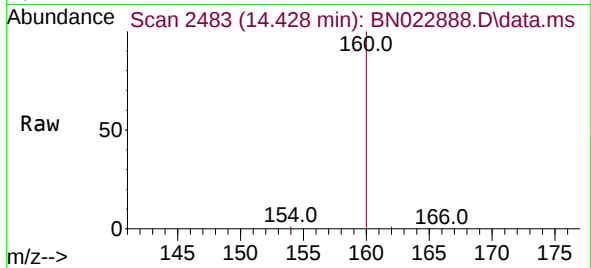




#10
Acenaphthylene
Concen: 0.110 ng/ul
RT: 14.428 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

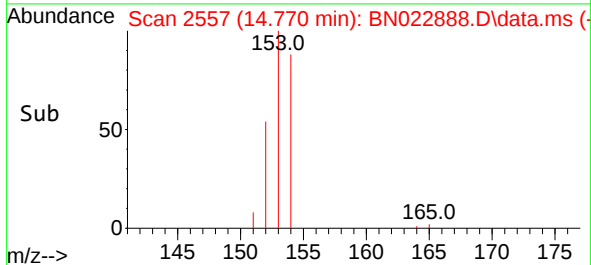
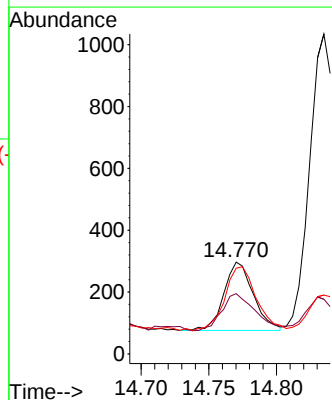
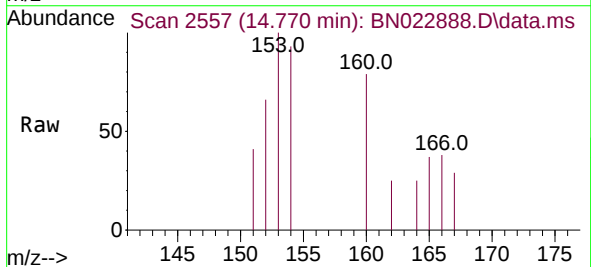
Instrument :
BNA_N
ClientSampleId :
H0AA2

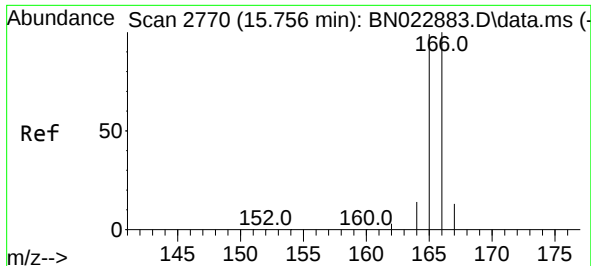
Tgt Ion:152 Resp: 361
Ion Ratio Lower Upper
152 100
151 53.5 16.0 24.0#
153 89.0 10.5 15.7#



#11
Acenaphthene
Concen: 0.128 ng/ul
RT: 14.770 min Scan# 2557
Delta R.T. -0.005 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

Tgt Ion:153 Resp: 333
Ion Ratio Lower Upper
153 100
152 65.7 41.8 62.8#
154 93.3 71.3 106.9

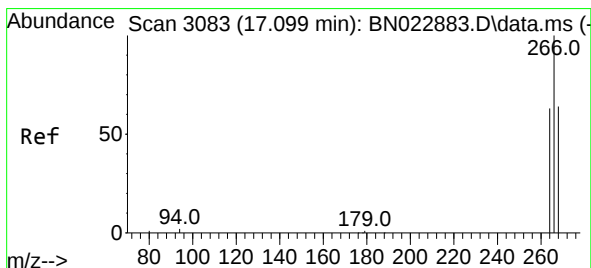
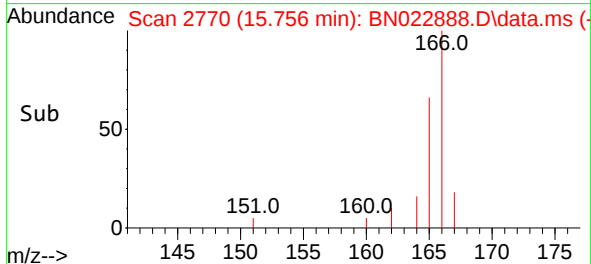
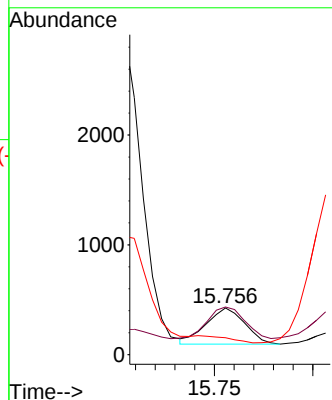
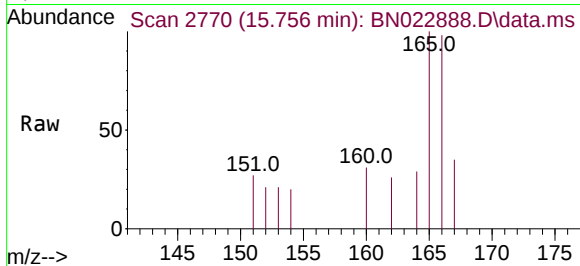




#12
Fluorene
Concen: 0.153 ng/ul
RT: 15.756 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

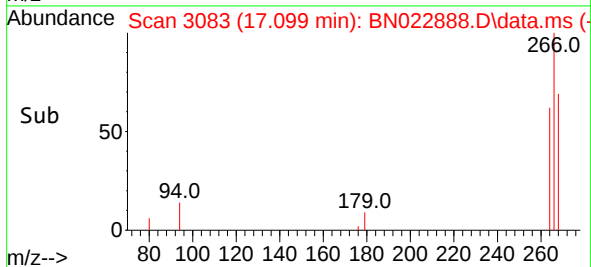
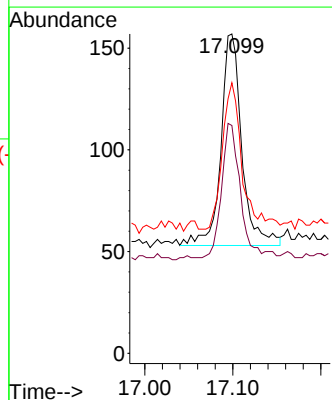
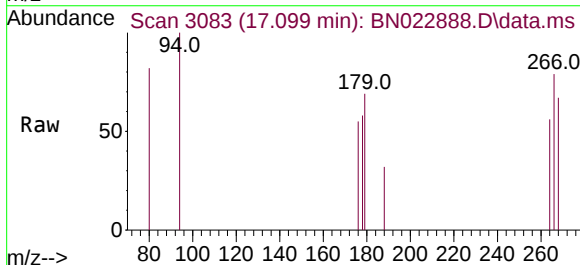
Instrument :
BNA_N
ClientSampleId :
H0AA2

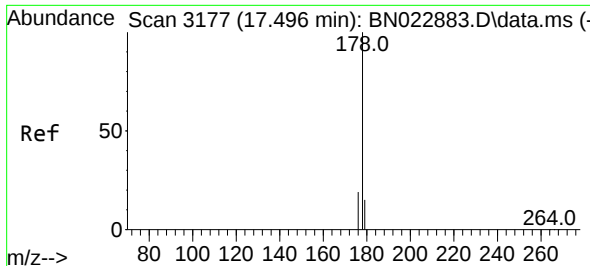
Tgt Ion:166 Resp: 449
Ion Ratio Lower Upper
166 100
165 102.1 78.7 118.1
167 36.2 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.764 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

Tgt Ion:266 Resp: 172
Ion Ratio Lower Upper
266 100
264 57.0 0.0 0.0#
268 66.9 0.0 0.0#

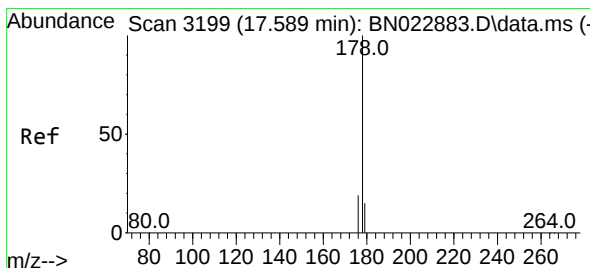
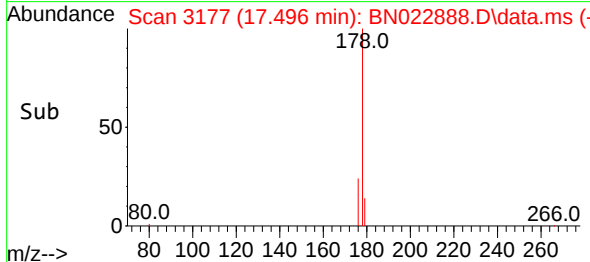
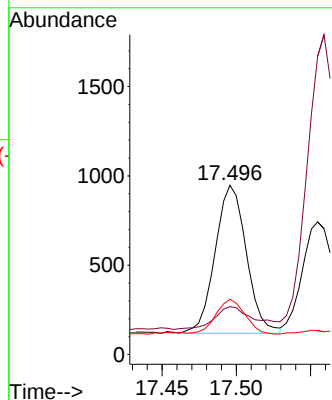
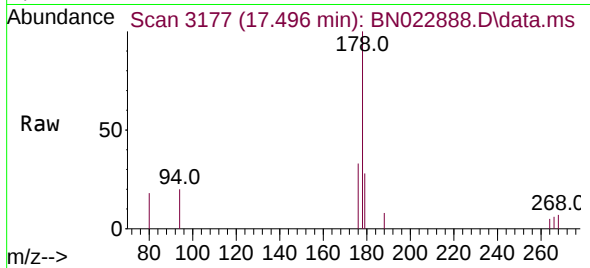




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

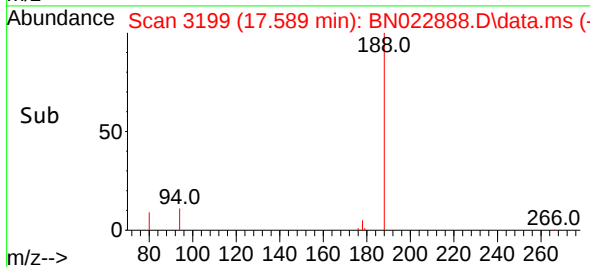
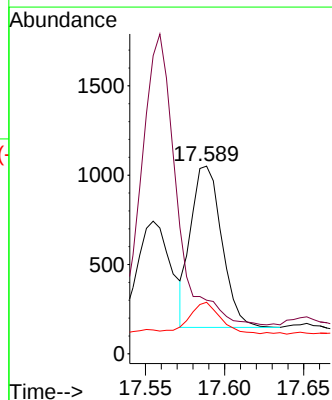
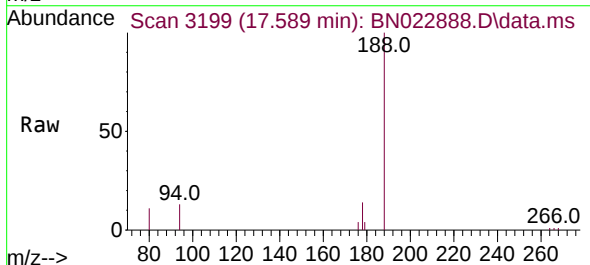
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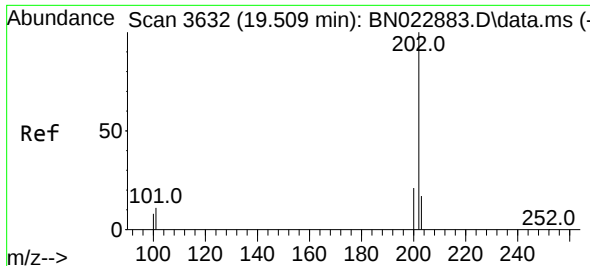
Tgt Ion:	178	Resp:	1215
Ion Ratio	Lower	Upper	
178	100		
179	28.3	12.5	18.7#
176	32.6	15.9	23.9#



#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

Tgt Ion:	178	Resp:	1225
Ion Ratio	Lower	Upper	
178	100		
179	28.5	12.6	18.8#
176	27.5	15.3	22.9#

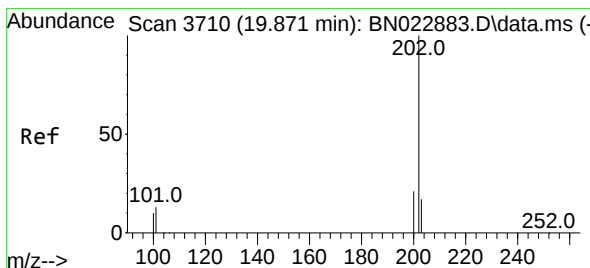
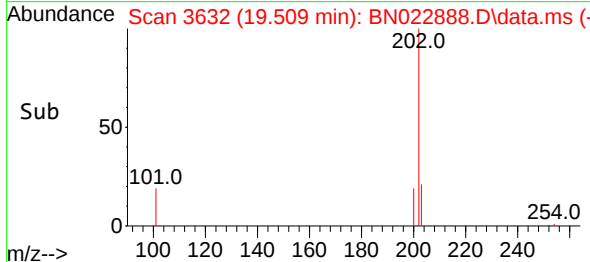
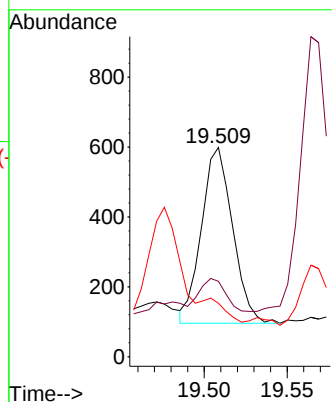
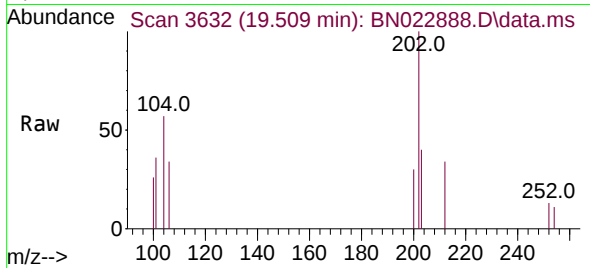




#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.509 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

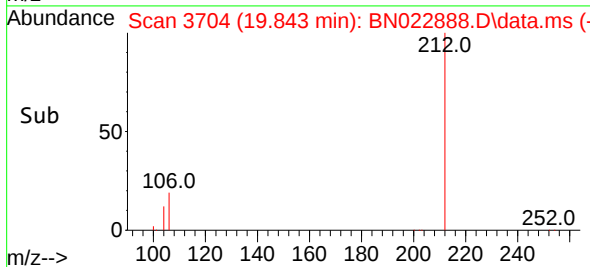
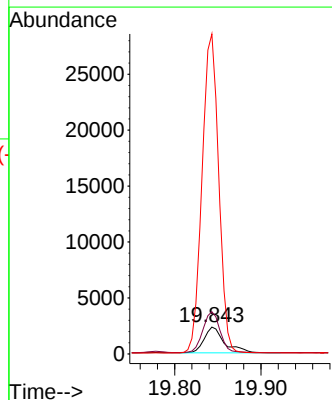
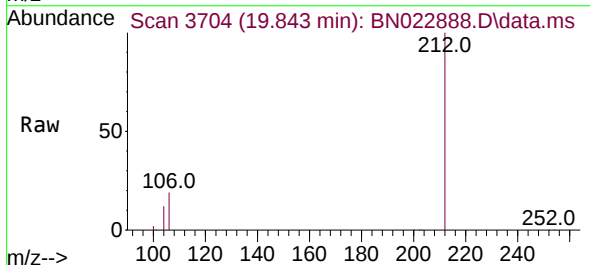
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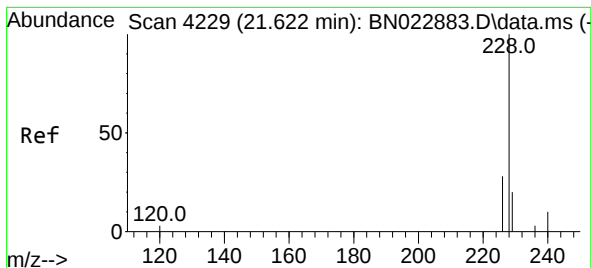
Tgt Ion:202 Resp: 656
Ion Ratio Lower Upper
202 100
101 36.1 9.2 13.8#
100 25.5 6.9 10.3#



#20
Pyrene
Concen: 1.977 ng/ul
RT: 19.843 min Scan# 3704
Delta R.T. -0.028 min
Lab File: BN022888.D
Acq: 26 Nov 2022 19:18

Tgt Ion:202 Resp: 3742
Ion Ratio Lower Upper
202 100
101 157.1 10.6 16.0#
100 1191.0 8.2 12.4#





#21

Benzo(a)anthracene

Concen: 0.242 ng/ul

RT: 21.622 min Scan# 4229

Delta R.T. 0.003 min

Lab File: BN022888.D

Acq: 26 Nov 2022 19:18

Instrument :

BNA_N

ClientSampleId :

H0AA2

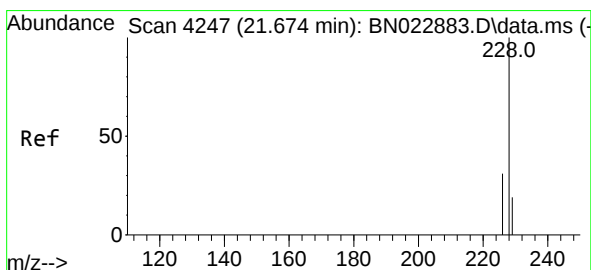
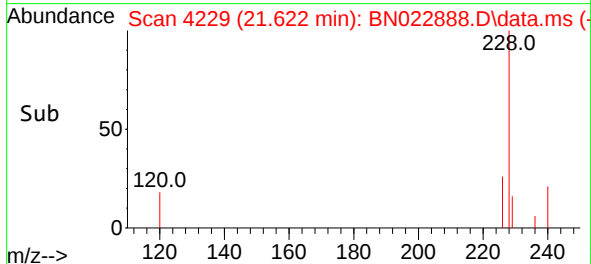
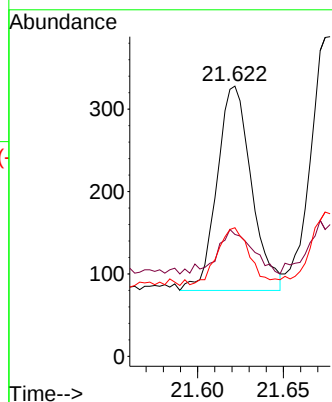
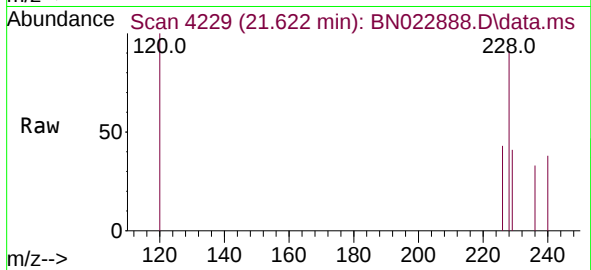
Tgt Ion:228 Resp: 346

Ion Ratio Lower Upper

228 100

229 45.1 15.5 23.3#

226 47.6 22.2 33.4#



#22

Chrysene

Concen: 0.265 ng/ul

RT: 21.677 min Scan# 4248

Delta R.T. 0.003 min

Lab File: BN022888.D

Acq: 26 Nov 2022 19:18

Tgt Ion:228 Resp: 415

Ion Ratio Lower Upper

228 100

226 44.6 24.6 37.0#

229 41.2 15.8 23.8#

