

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022890.D
 Acq On : 26 Nov 2022 20:31
 Operator : CG/JU
 Sample : N5592-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0AA8

Quant Time: Nov 28 03:49:28 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)

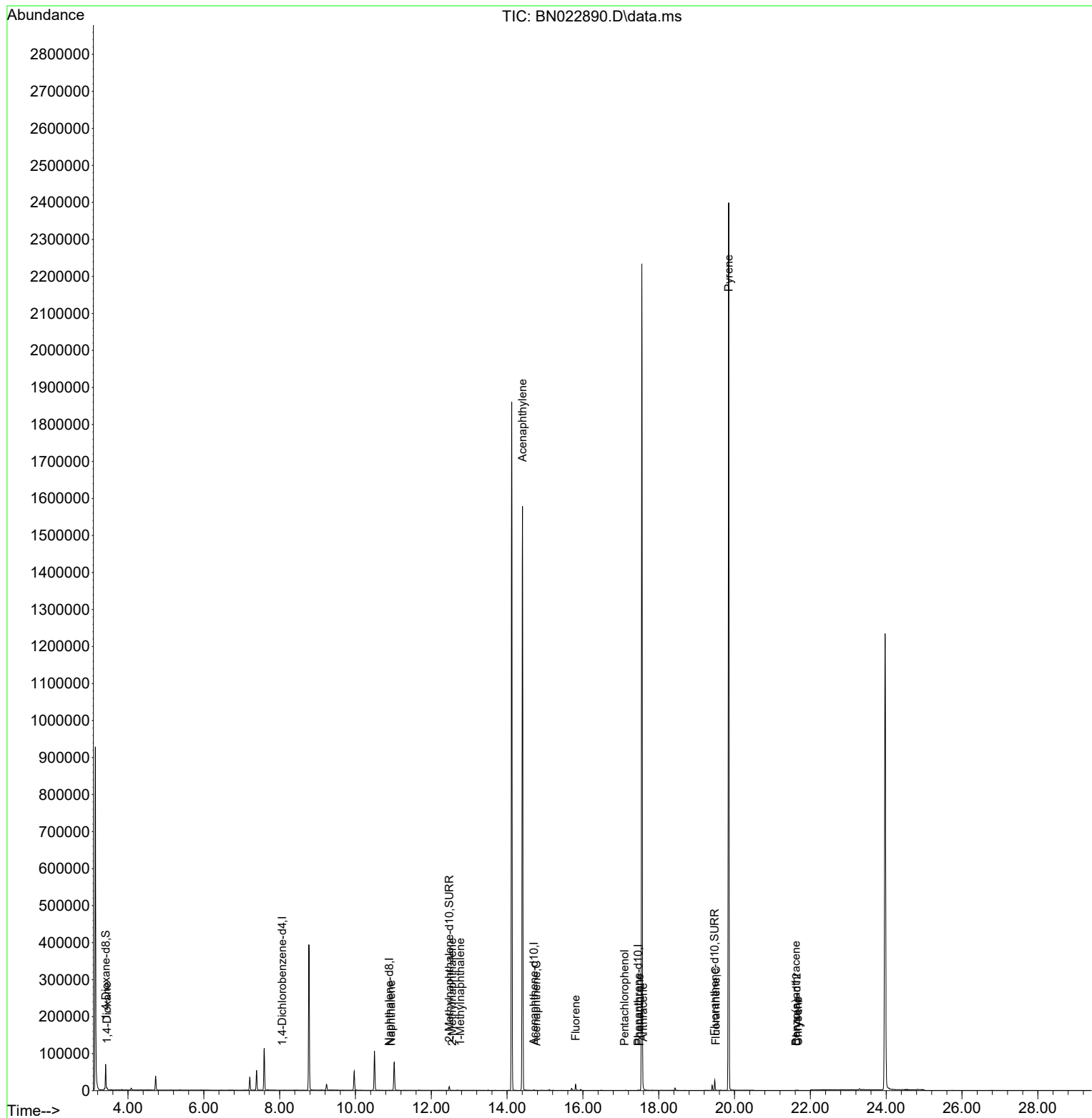
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	27	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.892	136	241	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.711	164	758	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.454	188	1192	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.640	240	447	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	41306	1274.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	13138	35.774	ng/ul	0.00
18) Fluoranthene-d10	19.477	212	26838	16.249	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.450	88	2490	73.690	ng/ul	91
5) Naphthalene	10.942	128	264	0.361	ng/ul#	27
7) 2-Methylnaphthalene	12.547	142	93	0.203	ng/ul	93
8) 1-Methylnaphthalene	12.762	142	68	0.146	ng/ul	83
10) Acenaphthylene	14.405	152	267	0.071	ng/ul#	1
11) Acenaphthene	14.771	153	90	0.030	ng/ul#	64
12) Fluorene	15.812	166	259	0.077	ng/ul#	1
14) Pentachlorophenol	17.095	266	66	0.265	ng/ul#	100
15) Phenanthrene	17.496	178	595	0.145	ng/ul#	63
16) Anthracene	17.589	178	1590	0.453	ng/ul#	83
19) Fluoranthene	19.509	202	885	0.383	ng/ul#	66
20) Pyrene	19.844	202	4492	1.985	ng/ul#	1
21) Benzo(a)anthracene	21.622	228	541	0.317	ng/ul#	74
22) Chrysene	21.675	228	645	0.344	ng/ul#	76

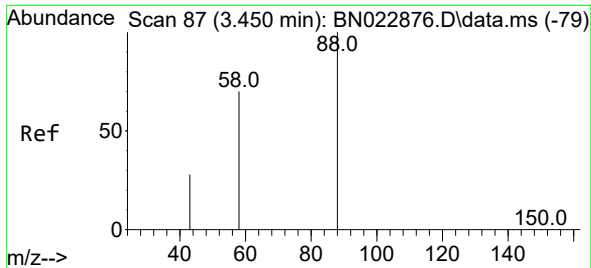
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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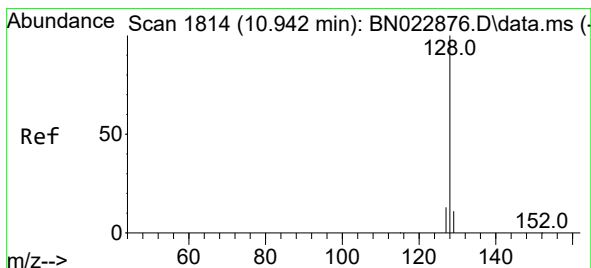
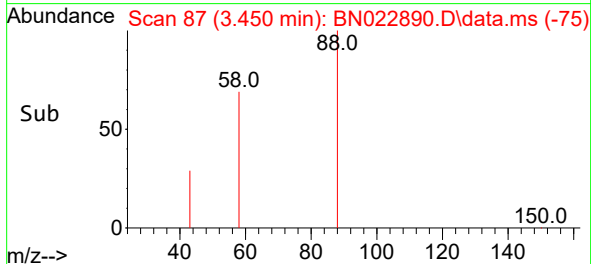
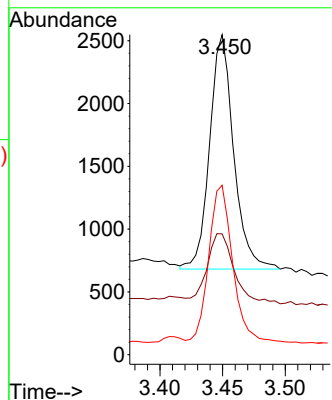
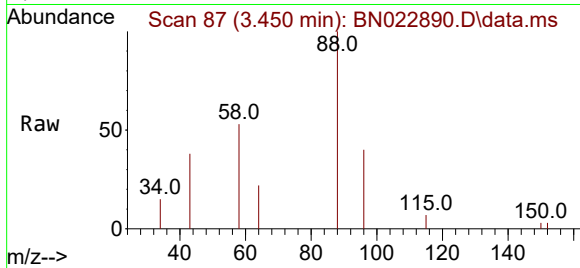




#2
 1,4-Dioxane
 Concen: 73.690 ng/ul
 RT: 3.450 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: BN022890.D
 Acq: 26 Nov 2022 20:31

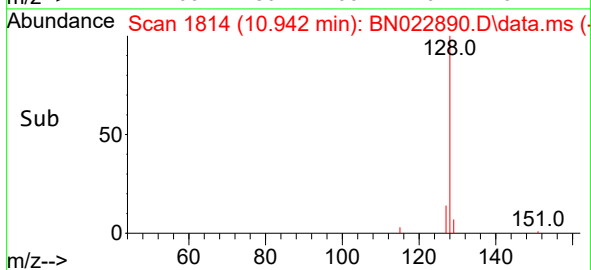
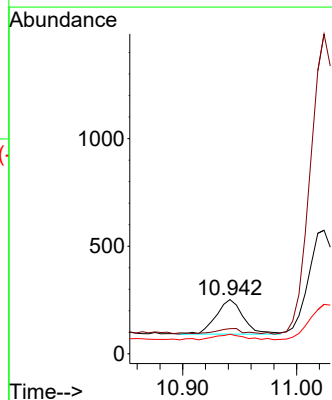
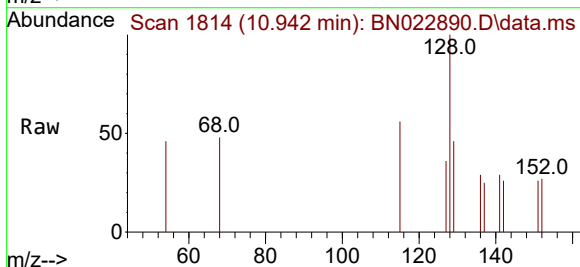
Instrument :
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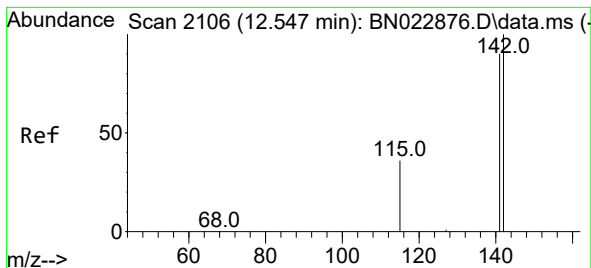
Tgt Ion:	88	Resp:	2490
Ion	Ratio	Lower	Upper
88	100		
43	37.8	26.2	39.4
58	53.0	47.6	71.4



#5
 Naphthalene
 Concen: 0.361 ng/ul
 RT: 10.942 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN022890.D
 Acq: 26 Nov 2022 20:31

Tgt Ion:	128	Resp:	264
Ion	Ratio	Lower	Upper
128	100		
129	46.4	9.0	13.6#
127	36.1	10.6	16.0#

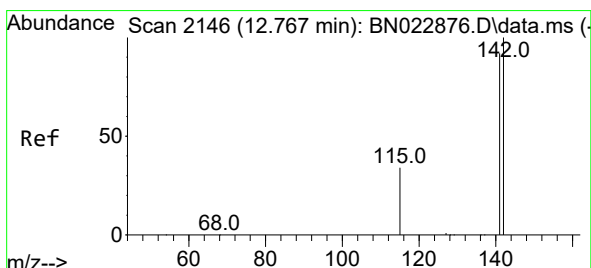
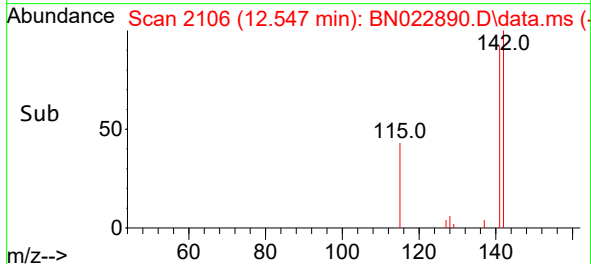
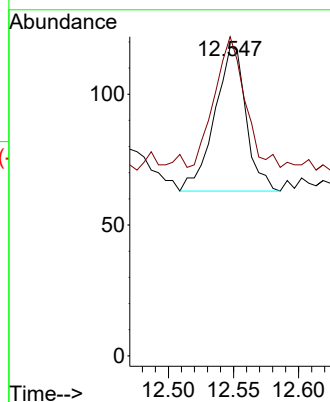
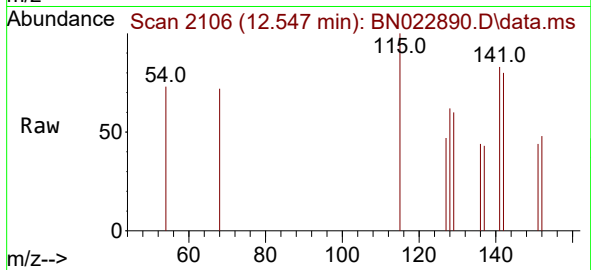




#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

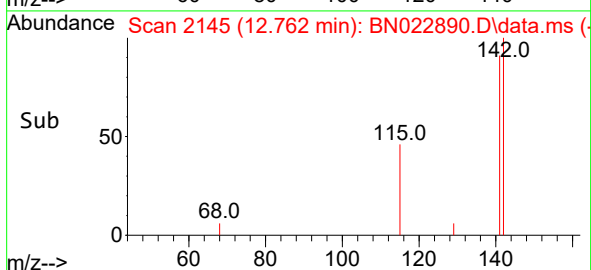
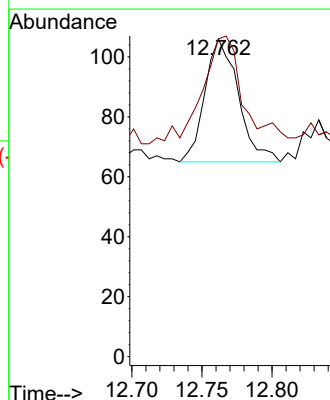
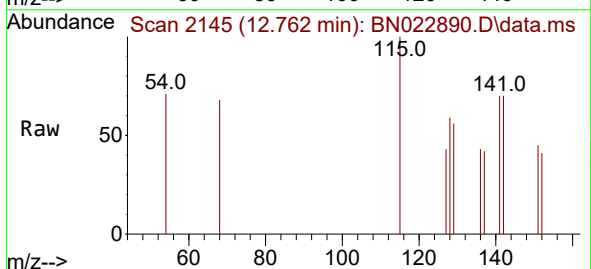
Instrument :
BNA_N
ClientSampleId :
H0AA8

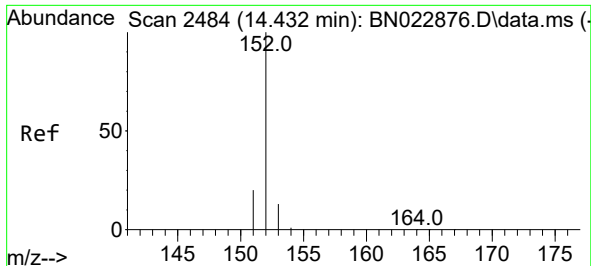
Tgt Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
141 95.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
141 108.8 73.8 110.6

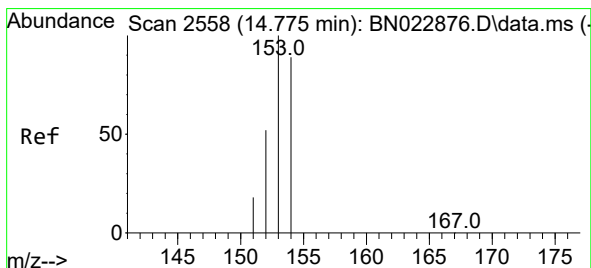
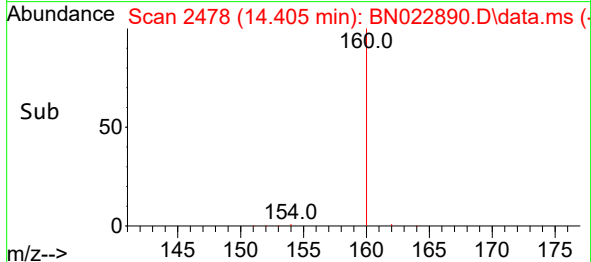
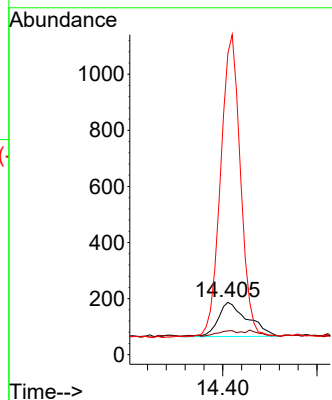
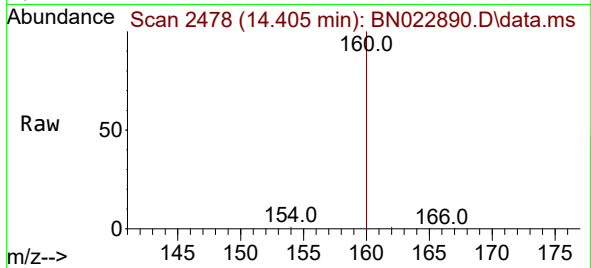




#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.405 min Scan# 2484
Delta R.T. -0.027 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

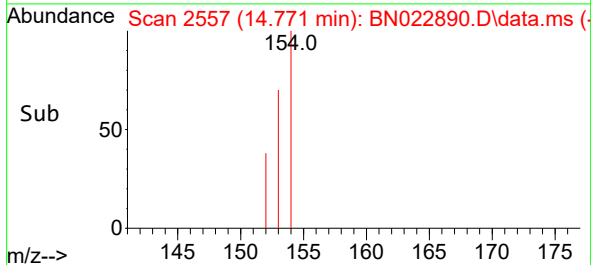
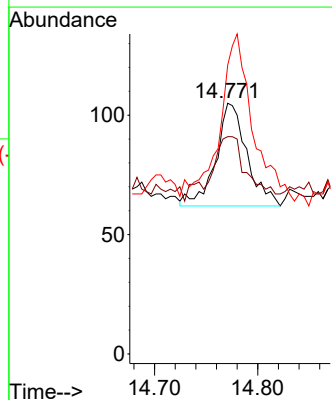
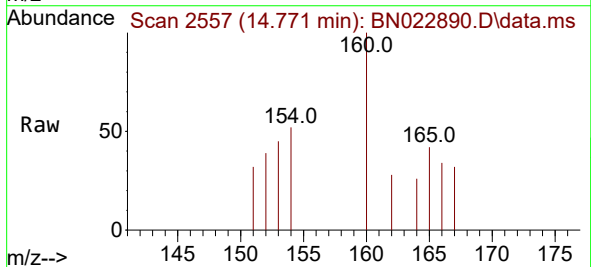
Instrument :
BNA_N
ClientSampleId :
H0AA8

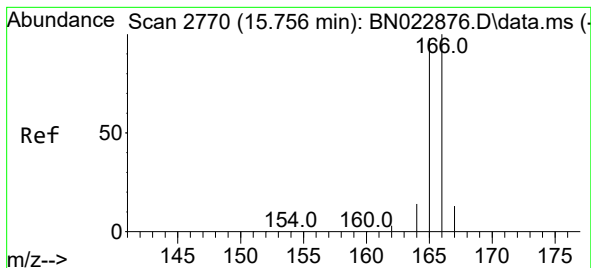
Tgt Ion:152 Resp: 267
Ion Ratio Lower Upper
152 100
151 45.5 16.0 24.0#
153 574.3 10.5 15.7#



#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.771 min Scan# 2557
Delta R.T. -0.004 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

Tgt Ion:153 Resp: 90
Ion Ratio Lower Upper
153 100
152 86.7 41.8 62.8#
154 115.2 71.3 106.9#





#12

Fluorene

Concen: 0.077 ng/ul

RT: 15.812 min Scan# 21

Delta R.T. 0.056 min

Lab File: BN022890.D

Acq: 26 Nov 2022 20:31

Instrument :

BNA_N

ClientSampleId :

H0AA8

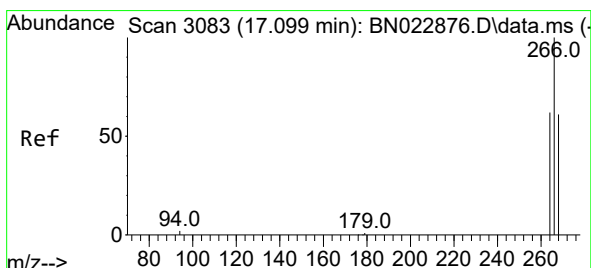
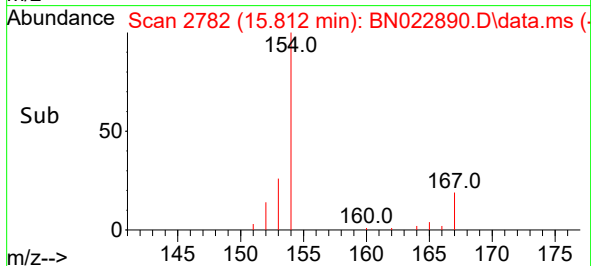
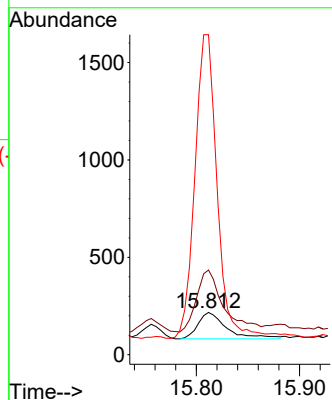
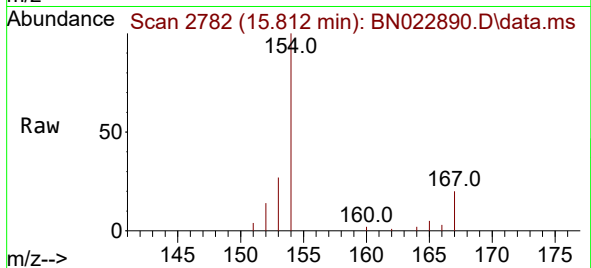
Tgt Ion:166 Resp: 259

Ion Ratio Lower Upper

166 100

165 200.5 78.7 118.1#

167 757.1 10.8 16.2#



#14

Pentachlorophenol

Concen: 0.265 ng/ul

RT: 17.095 min Scan# 3082

Delta R.T. -0.004 min

Lab File: BN022890.D

Acq: 26 Nov 2022 20:31

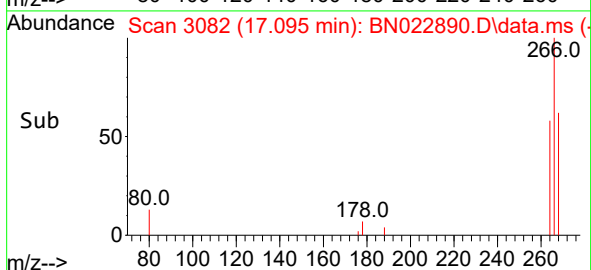
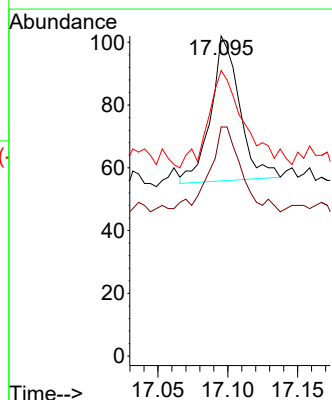
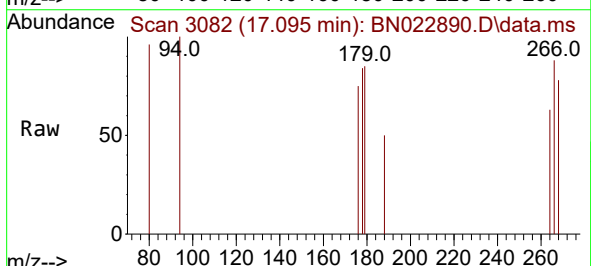
Tgt Ion:266 Resp: 66

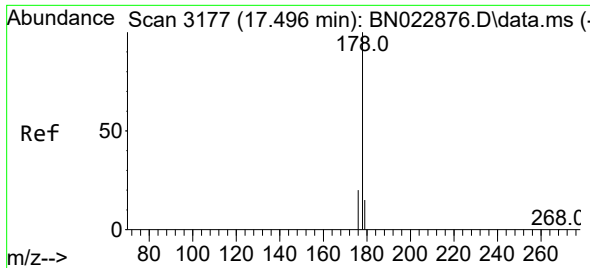
Ion Ratio Lower Upper

266 100

264 65.2 0.0 0.0#

268 84.8 0.0 0.0#

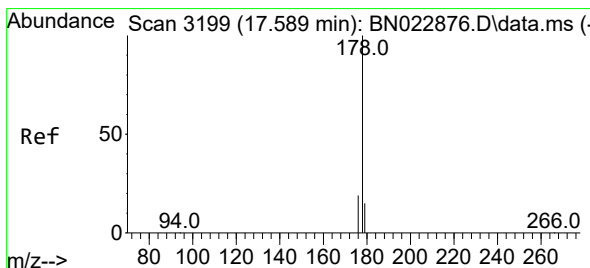
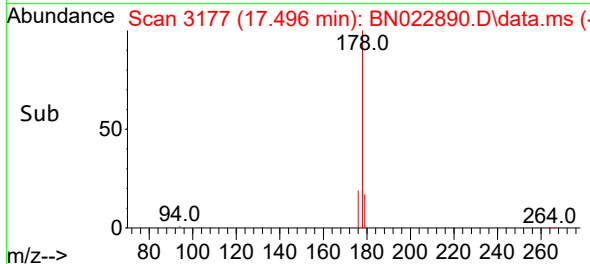
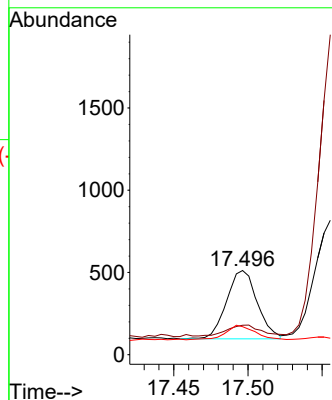
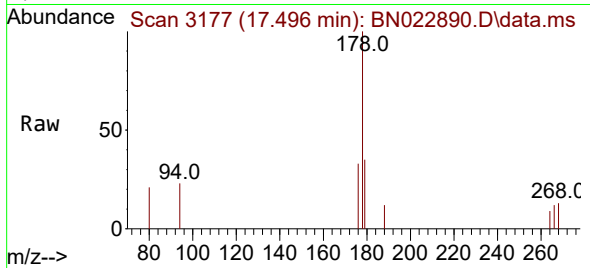




#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

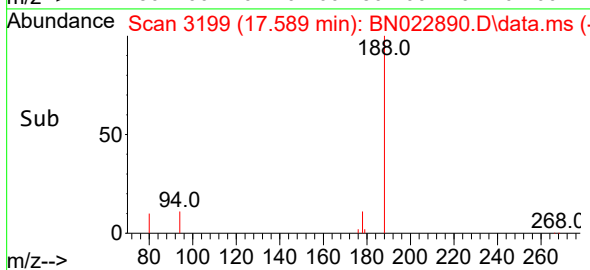
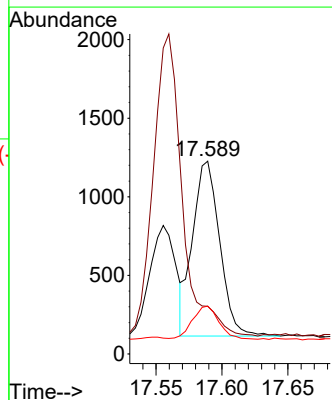
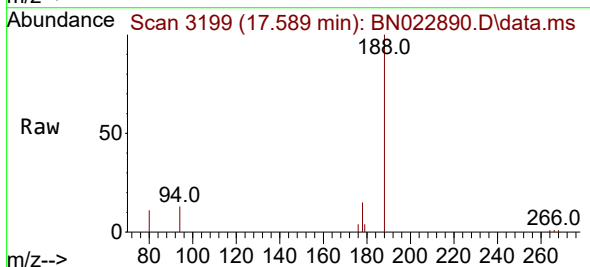
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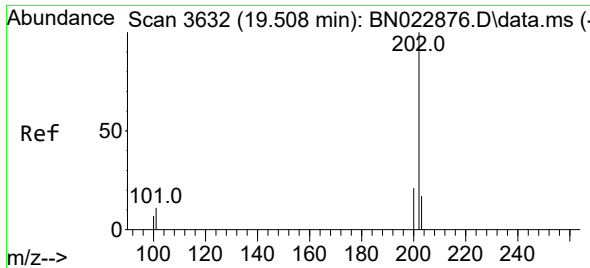
Tgt Ion:178 Resp: 595
Ion Ratio Lower Upper
178 100
179 35.0 12.5 18.7#
176 33.4 15.9 23.9#



#16
Anthracene
Concen: 0.453 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.001 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

Tgt Ion:178 Resp: 1590
Ion Ratio Lower Upper
178 100
179 24.7 12.6 18.8#
176 24.8 15.3 22.9#

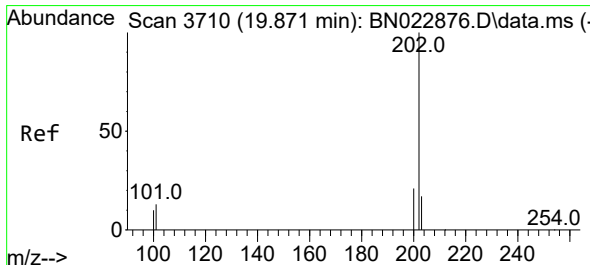
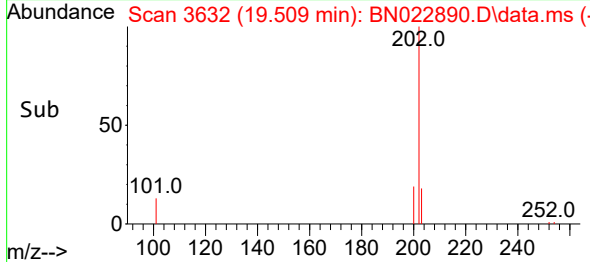
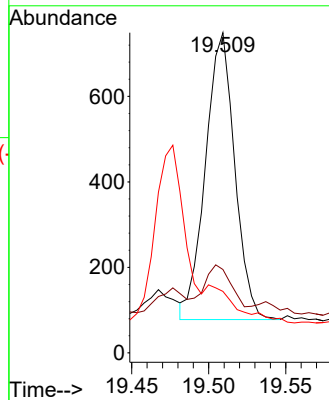
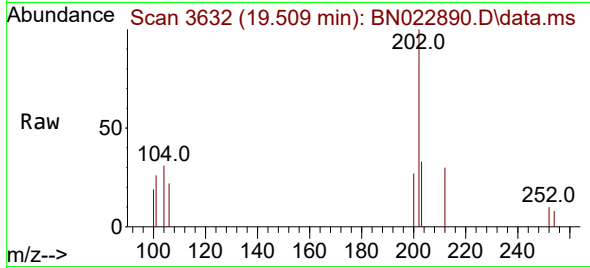




#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.509 min Scan# 3632
Delta R.T. 0.001 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

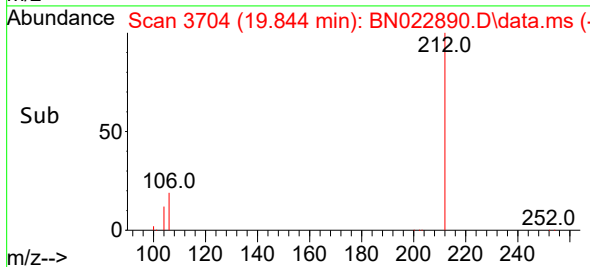
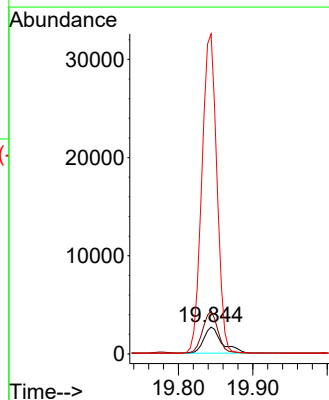
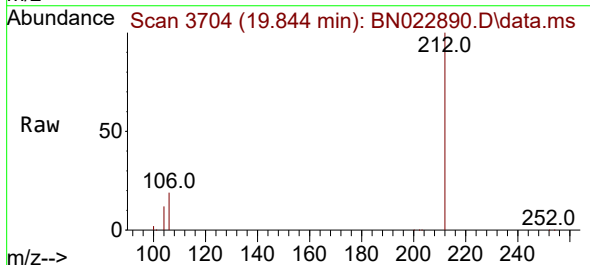
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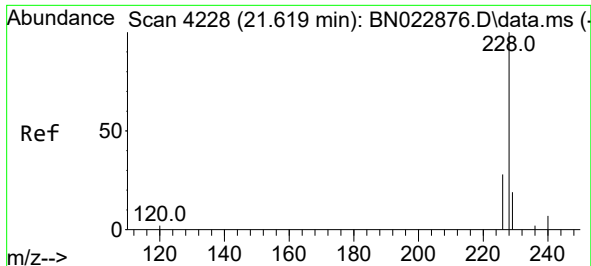
Tgt Ion:202 Resp: 885
Ion Ratio Lower Upper
202 100
101 26.0 9.2 13.8#
100 19.2 6.9 10.3#



#20
Pyrene
Concen: 1.985 ng/ul
RT: 19.844 min Scan# 3704
Delta R.T. -0.027 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

Tgt Ion:202 Resp: 4492
Ion Ratio Lower Upper
202 100
101 158.4 10.6 16.0#
100 1186.5 8.2 12.4#

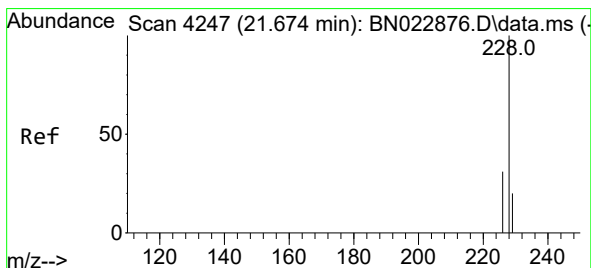
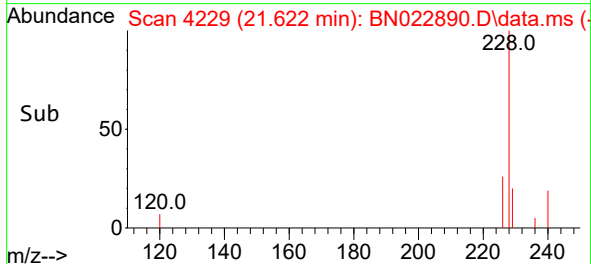
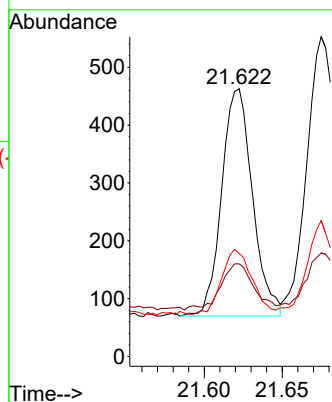
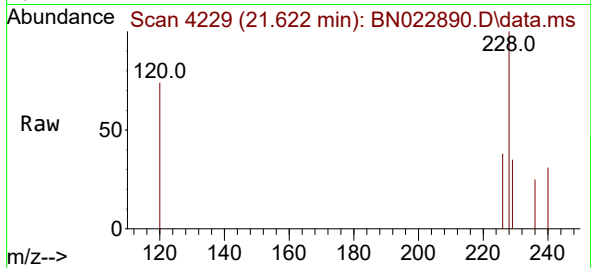




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.622 min Scan# 4228
Delta R.T. 0.004 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

Instrument :
BNA_N
ClientSampleId :
H0AA8

Tgt Ion:228 Resp: 541
Ion Ratio Lower Upper
228 100
229 34.6 15.5 23.3#
226 38.4 22.2 33.4#



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.675 min Scan# 4247
Delta R.T. 0.001 min
Lab File: BN022890.D
Acq: 26 Nov 2022 20:31

Tgt Ion:228 Resp: 645
Ion Ratio Lower Upper
228 100
226 42.5 24.6 37.0#
229 32.4 15.8 23.8#

