

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022886.D
 Acq On : 26 Nov 2022 18:05
 Operator : CG/JU
 Sample : N5592-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0AB2

Quant Time: Nov 28 03:48:55 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)

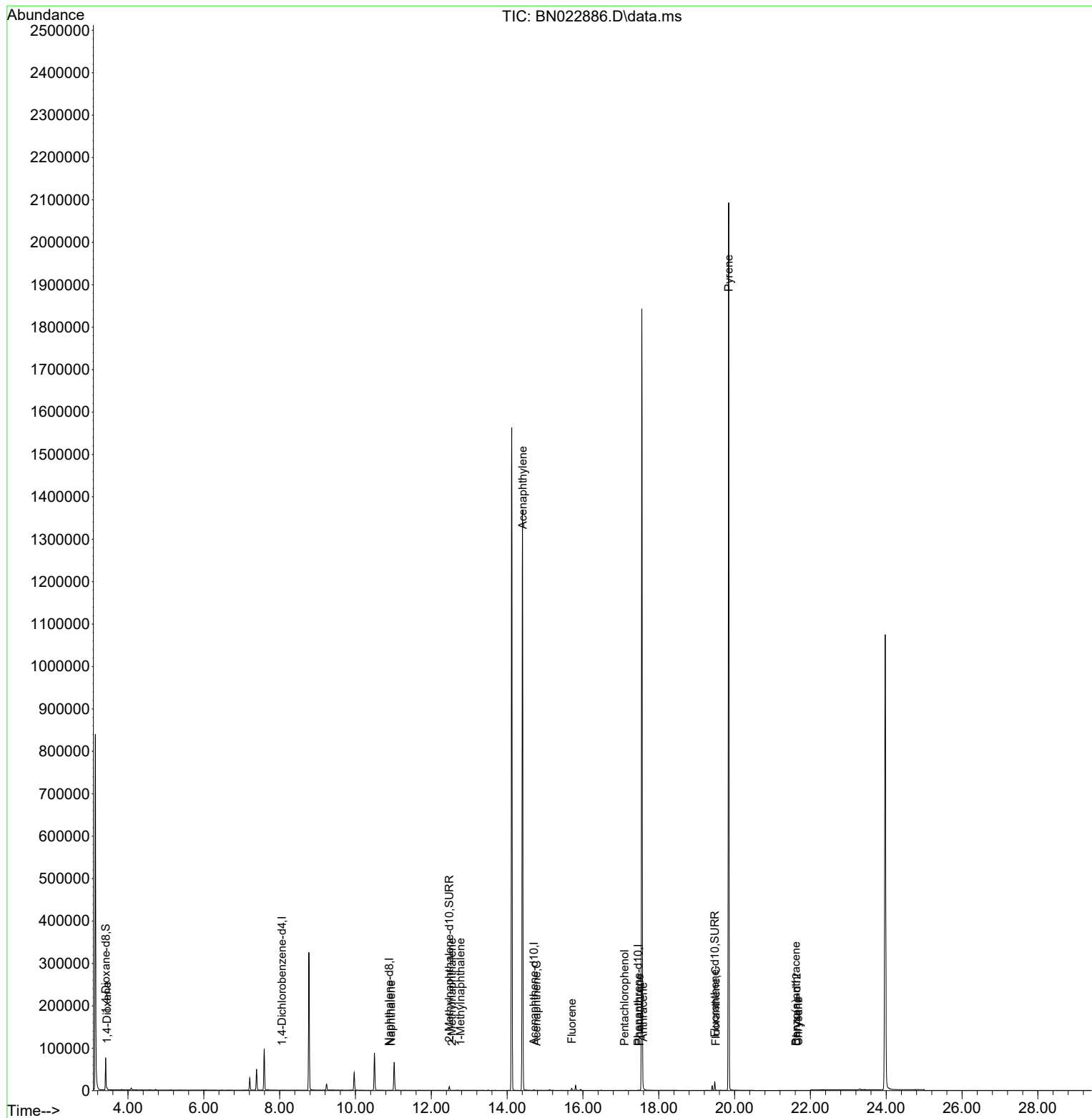
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	20	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.892	136	224	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.710	164	628	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.453	188	938	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.639	240	325	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.412	96	44795	1866.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	11221	32.873	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	20291	16.897	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.450	88	1925	76.908	ng/ul	89
5) Naphthalene	10.942	128	220	0.324	ng/ul#	27
7) 2-Methylnaphthalene	12.542	142	76	0.179	ng/ul	92
8) 1-Methylnaphthalene	12.767	142	62	0.143	ng/ul	93
10) Acenaphthylene	14.409	152	210	0.068	ng/ul#	1
11) Acenaphthene	14.779	153	51	0.021	ng/ul#	46
12) Fluorene	15.705	166	4114	1.482	ng/ul#	12
14) Pentachlorophenol	17.099	266	22	0.112	ng/ul#	100
15) Phenanthrene	17.496	178	338	0.105	ng/ul#	49
16) Anthracene	17.588	178	696	0.252	ng/ul#	65
19) Fluoranthene	19.508	202	207	0.123	ng/ul#	1
20) Pyrene	19.843	202	3269	1.987	ng/ul#	1
21) Benzo(a)anthracene	21.619	228	84	0.068	ng/ul#	20
22) Chrysene	21.677	228	155	0.114	ng/ul#	50

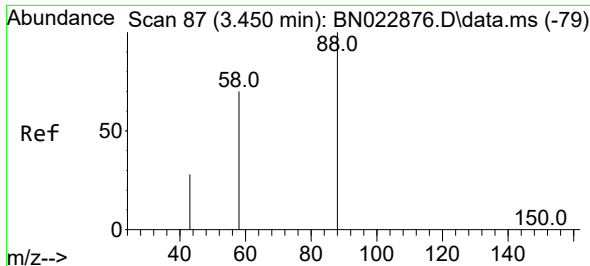
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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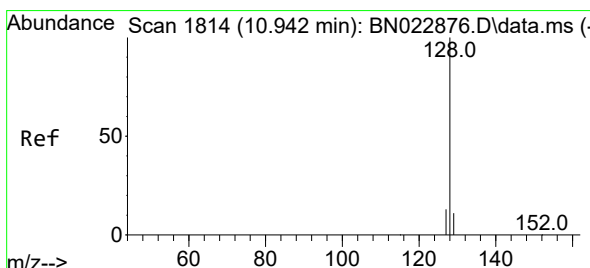
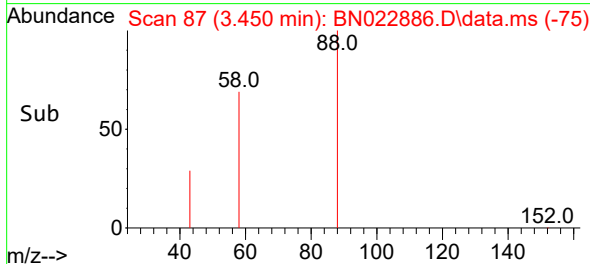
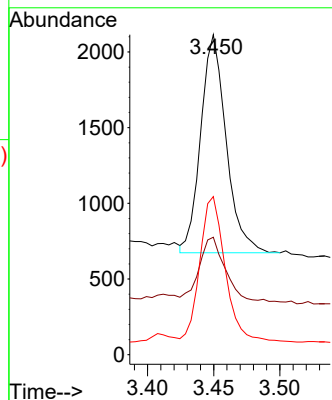
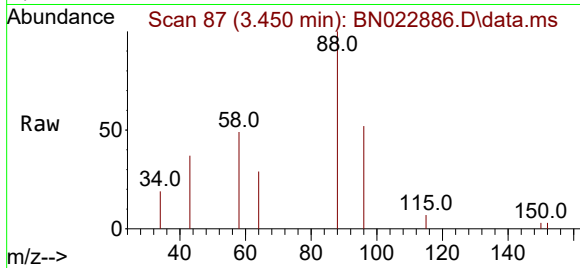




#2
 1,4-Dioxane
 Concen: 76.908 ng/ul
 RT: 3.450 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: BN022886.D
 Acq: 26 Nov 2022 18:05

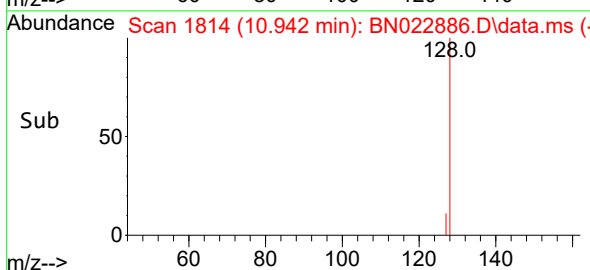
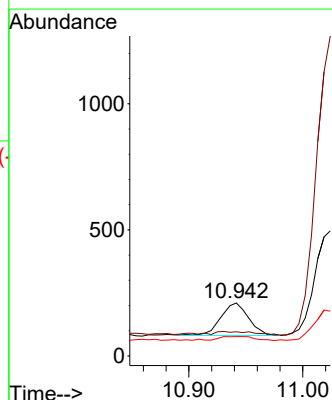
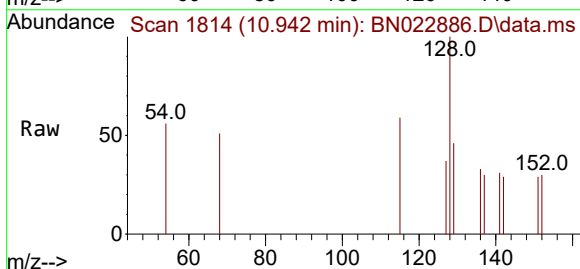
Instrument :
 BNA_N
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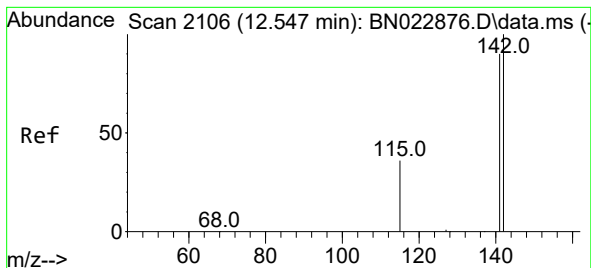
Tgt Ion: 88 Resp: 1925
 Ion Ratio Lower Upper
 88 100
 43 36.7 26.2 39.4
 58 49.4 47.6 71.4



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.942 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN022886.D
 Acq: 26 Nov 2022 18:05

Tgt Ion:128 Resp: 220
 Ion Ratio Lower Upper
 128 100
 129 45.7 9.0 13.6#
 127 36.7 10.6 16.0#

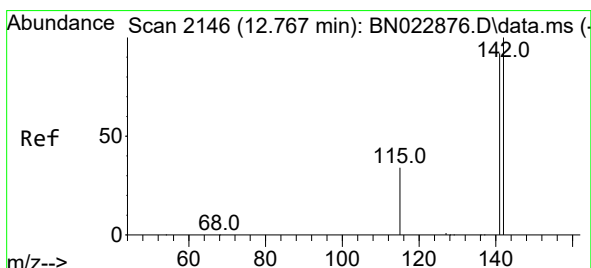
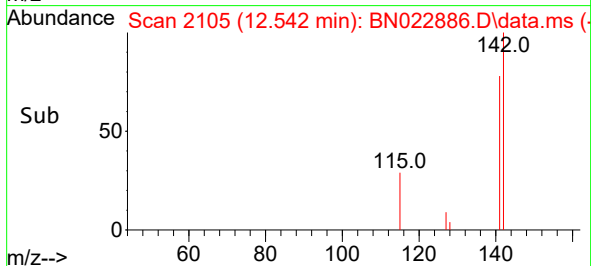
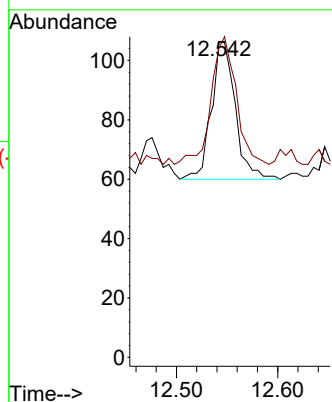
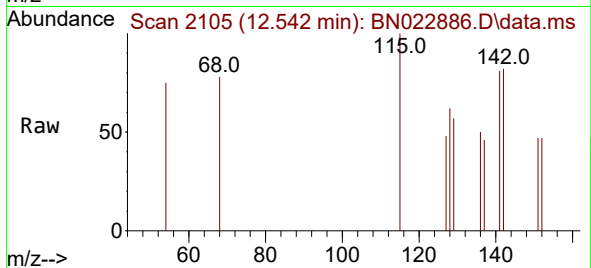




#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN022886.D
Acq: 26 Nov 2022 18:05

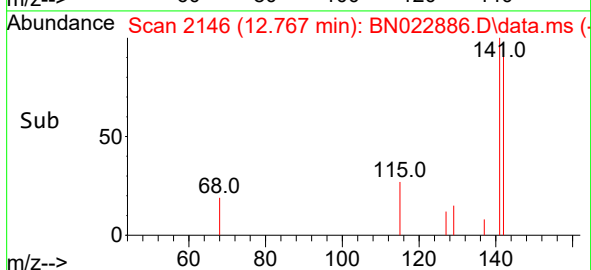
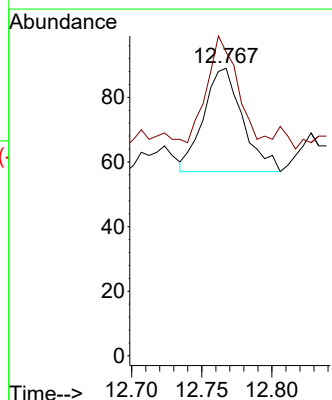
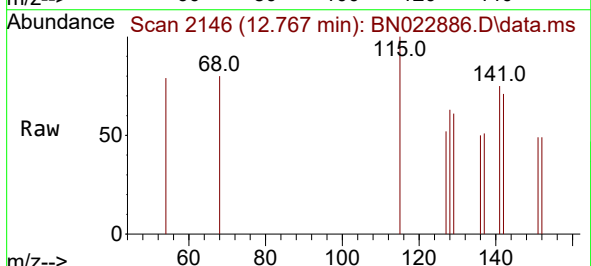
Instrument :
BNA_N
ClientSampleId :
H0AB2

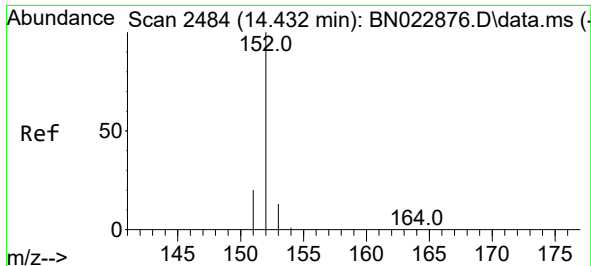
Tgt Ion:142 Resp: 76
Ion Ratio Lower Upper
142 100
141 97.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.767 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN022886.D
Acq: 26 Nov 2022 18:05

Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
141 85.5 73.8 110.6

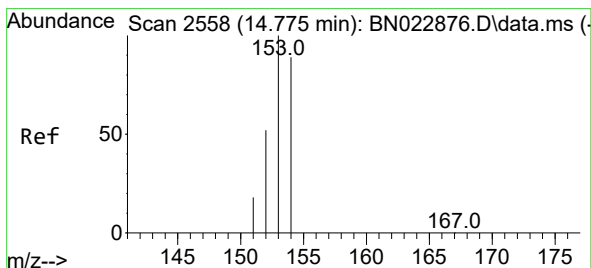
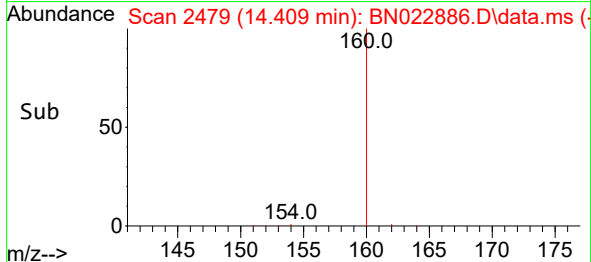
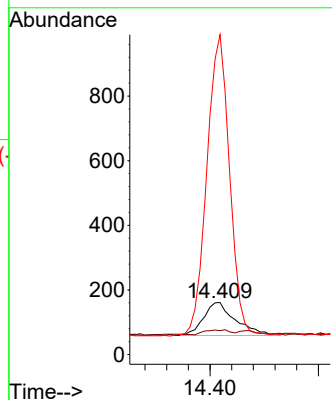
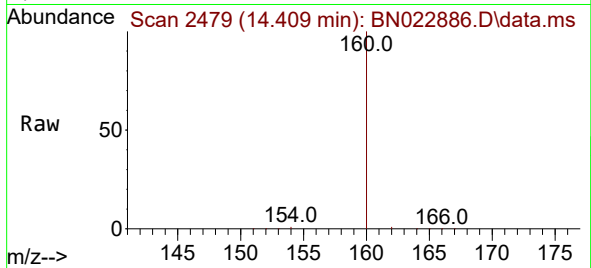




#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.409 min Scan# 2484
Delta R.T. -0.023 min
Lab File: BN022886.D
Acq: 26 Nov 2022 18:05

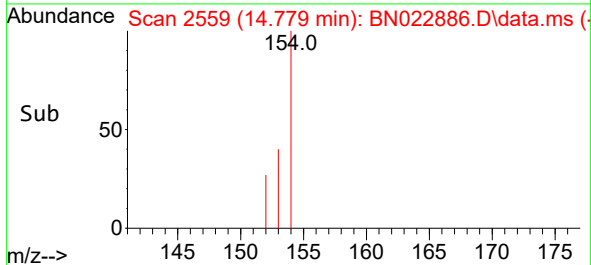
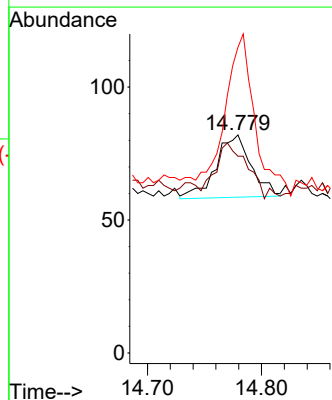
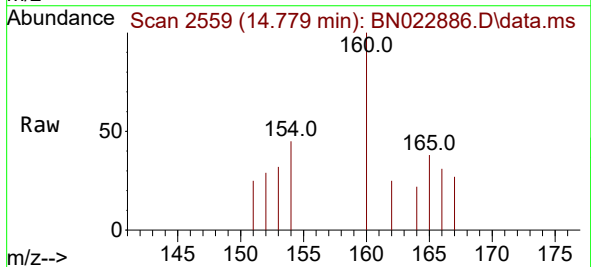
Instrument :
BNA_N
ClientSampleId :
H0AB2

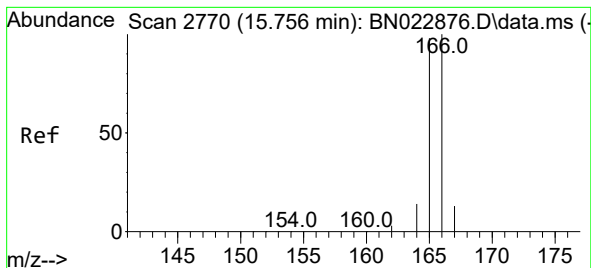
Tgt Ion:152 Resp: 210
Ion Ratio Lower Upper
152 100
151 46.0 16.0 24.0#
153 614.9 10.5 15.7#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.779 min Scan# 2559
Delta R.T. 0.005 min
Lab File: BN022886.D
Acq: 26 Nov 2022 18:05

Tgt Ion:153 Resp: 51
Ion Ratio Lower Upper
153 100
152 90.2 41.8 62.8#
154 140.2 71.3 106.9#





#12

Fluorene

Concen: 1.482 ng/ul

RT: 15.705 min Scan# 21

Delta R.T. -0.051 min

Lab File: BN022886.D

Acq: 26 Nov 2022 18:05

Instrument :

BNA_N

ClientSampleId :

H0AB2

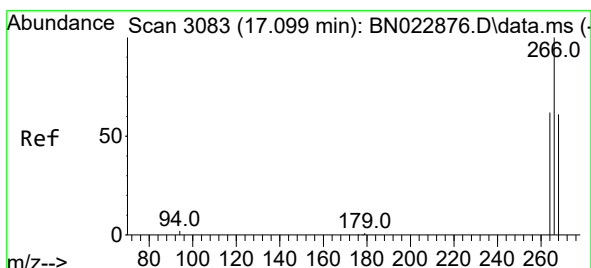
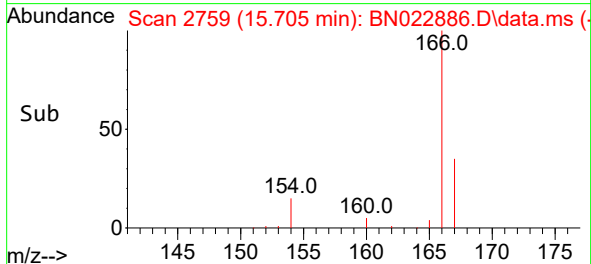
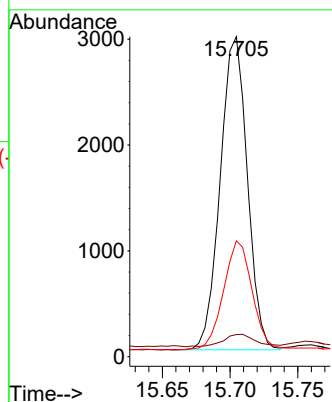
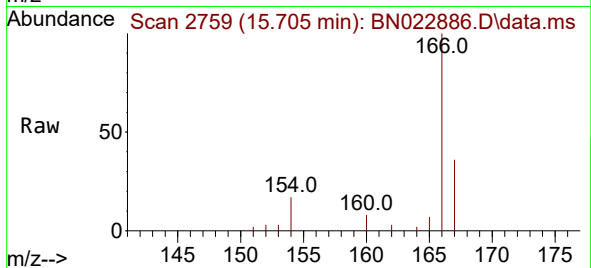
Tgt Ion:166 Resp: 4114

Ion Ratio Lower Upper

166 100

165 6.9 78.7 118.1#

167 36.2 10.8 16.2#



#14

Pentachlorophenol

Concen: 0.112 ng/ul

RT: 17.099 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BN022886.D

Acq: 26 Nov 2022 18:05

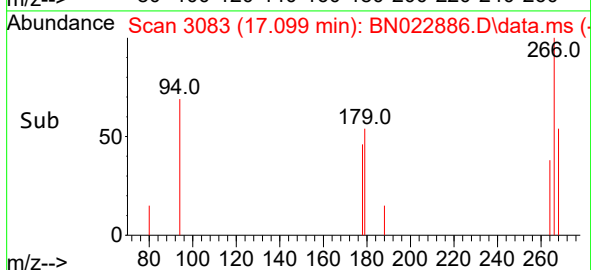
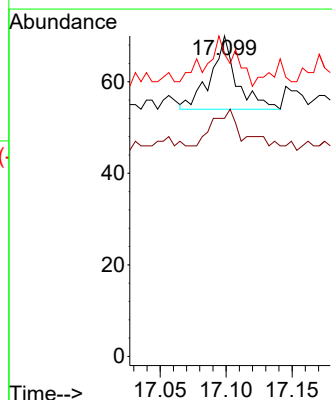
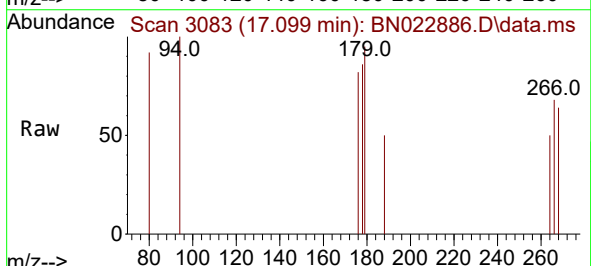
Tgt Ion:266 Resp: 22

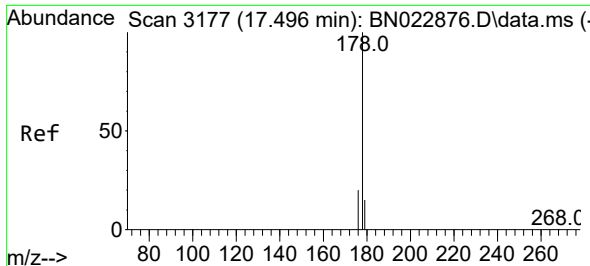
Ion Ratio Lower Upper

266 100

264 72.7 0.0 0.0#

268 59.1 0.0 0.0#

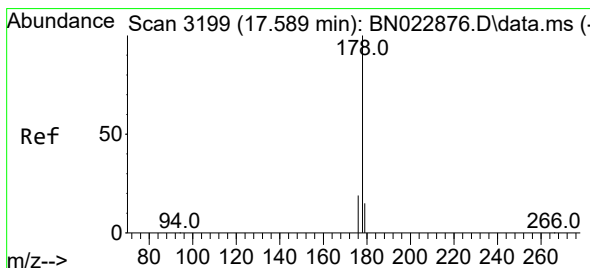
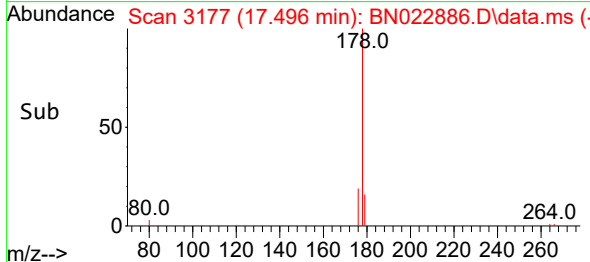
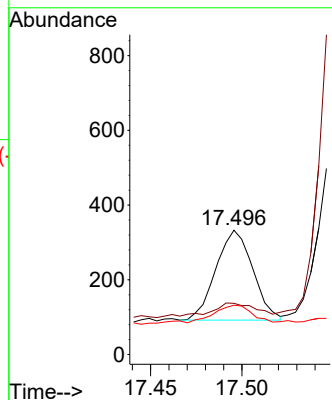
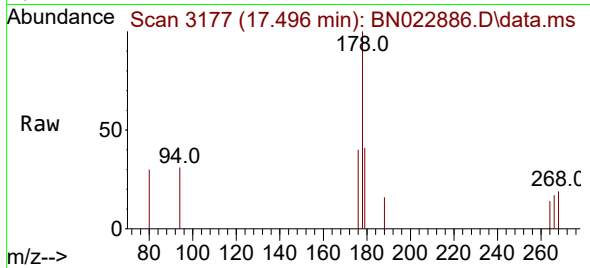




#15
Phenanthrene
Concen: 0.105 ng/ul
RT: 17.496 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BN022886.D
Acq: 26 Nov 2022 18:05

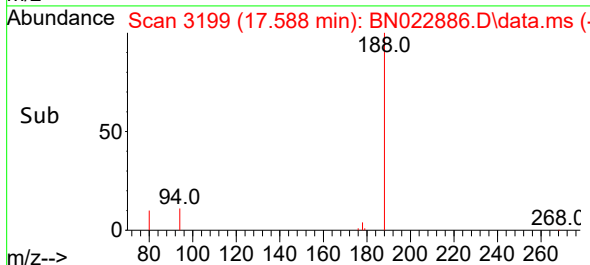
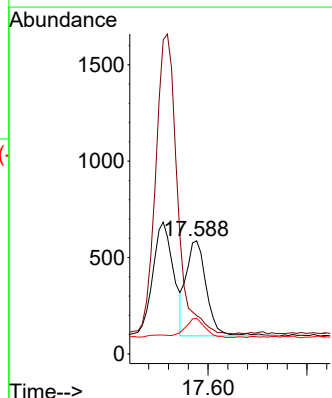
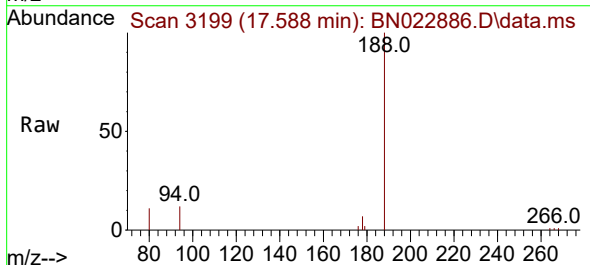
Instrument :
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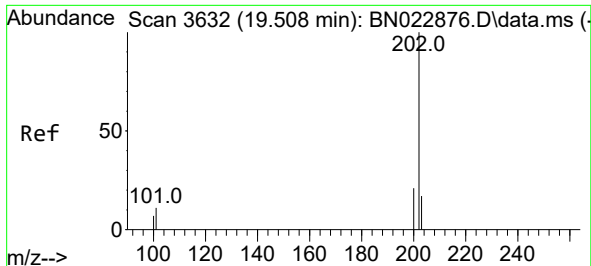
Tgt Ion:178 Resp: 338
Ion Ratio Lower Upper
178 100
179 41.1 12.5 18.7#
176 39.6 15.9 23.9#



#16
Anthracene
Concen: 0.252 ng/ul
RT: 17.588 min Scan# 3199
Delta R.T. -0.000 min
Lab File: BN022886.D
Acq: 26 Nov 2022 18:05

Tgt Ion:178 Resp: 696
Ion Ratio Lower Upper
178 100
179 33.9 12.6 18.8#
176 31.5 15.3 22.9#





#19

Fluoranthene

Concen: 0.123 ng/ul

RT: 19.508 min Scan# 3632

Delta R.T. -0.000 min

Lab File: BN022886.D

Acq: 26 Nov 2022 18:05

Instrument :

BNA_N

ClientSampleId :

H0AB2

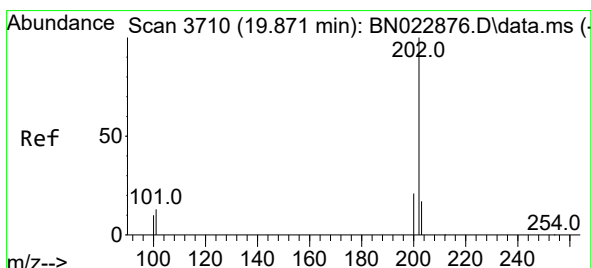
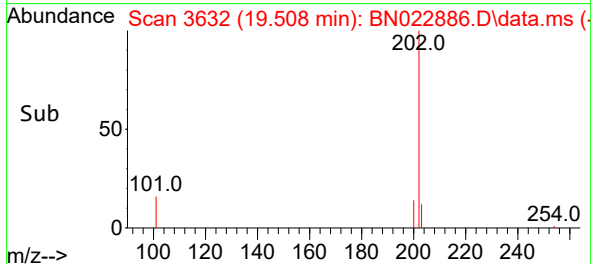
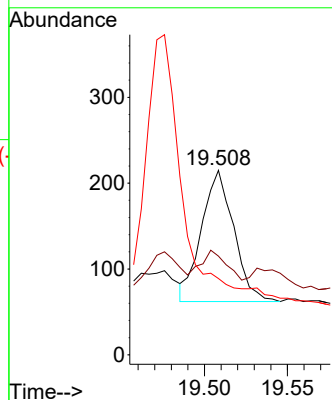
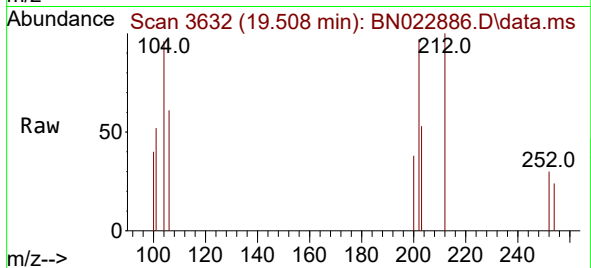
Tgt Ion:202 Resp: 207

Ion Ratio Lower Upper

202 100

101 53.5 9.2 13.8#

100 41.4 6.9 10.3#



#20

Pyrene

Concen: 1.987 ng/ul

RT: 19.843 min Scan# 3704

Delta R.T. -0.028 min

Lab File: BN022886.D

Acq: 26 Nov 2022 18:05

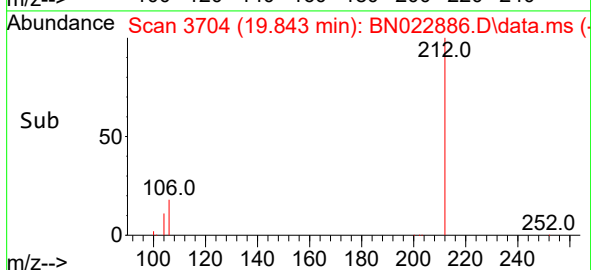
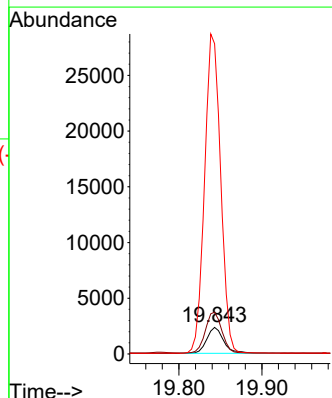
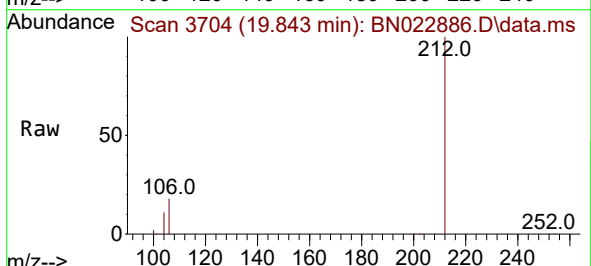
Tgt Ion:202 Resp: 3269

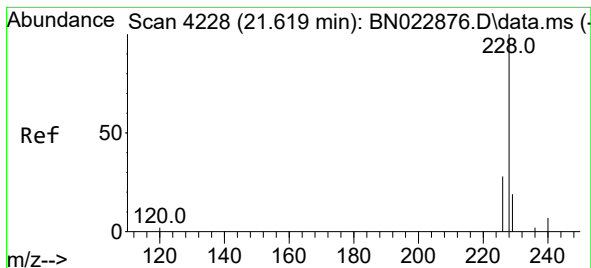
Ion Ratio Lower Upper

202 100

101 156.6 10.6 16.0#

100 1165.7 8.2 12.4#





#21

Benzo(a)anthracene

Concen: 0.068 ng/ul

RT: 21.619 min Scan# 4228

Delta R.T. -0.000 min

Lab File: BN022886.D

Acq: 26 Nov 2022 18:05

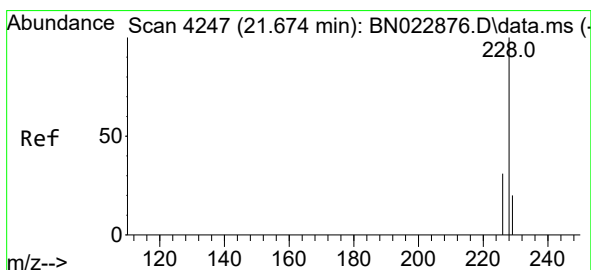
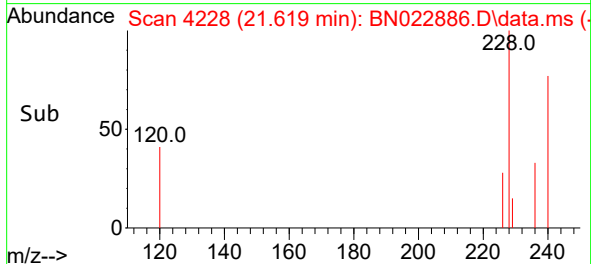
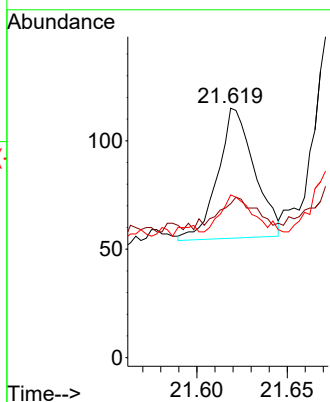
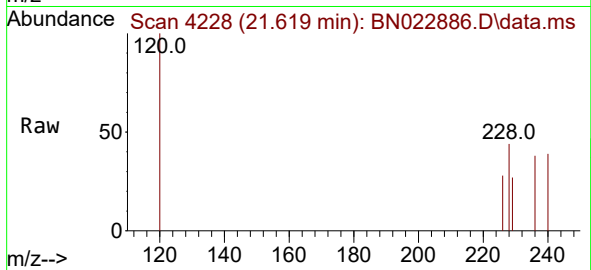
Instrument :

BNA_N

ClientSampleId :

H0AB2

Tgt Ion:228	Resp:	84
Ion Ratio	Lower	Upper
228	100	
229	61.7	15.5 23.3#
226	65.2	22.2 33.4#



#22

Chrysene

Concen: 0.114 ng/ul

RT: 21.677 min Scan# 4248

Delta R.T. 0.003 min

Lab File: BN022886.D

Acq: 26 Nov 2022 18:05

Tgt Ion:228	Resp:	155
Ion Ratio	Lower	Upper
228	100	
226	52.1	24.6 37.0#
229	50.9	15.8 23.8#

