

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024411.D
 Acq On : 20 Mar 2023 14:46
 Operator : CG/JU
 Sample : 01884-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB913

Quant Time: Mar 21 02:15:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

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

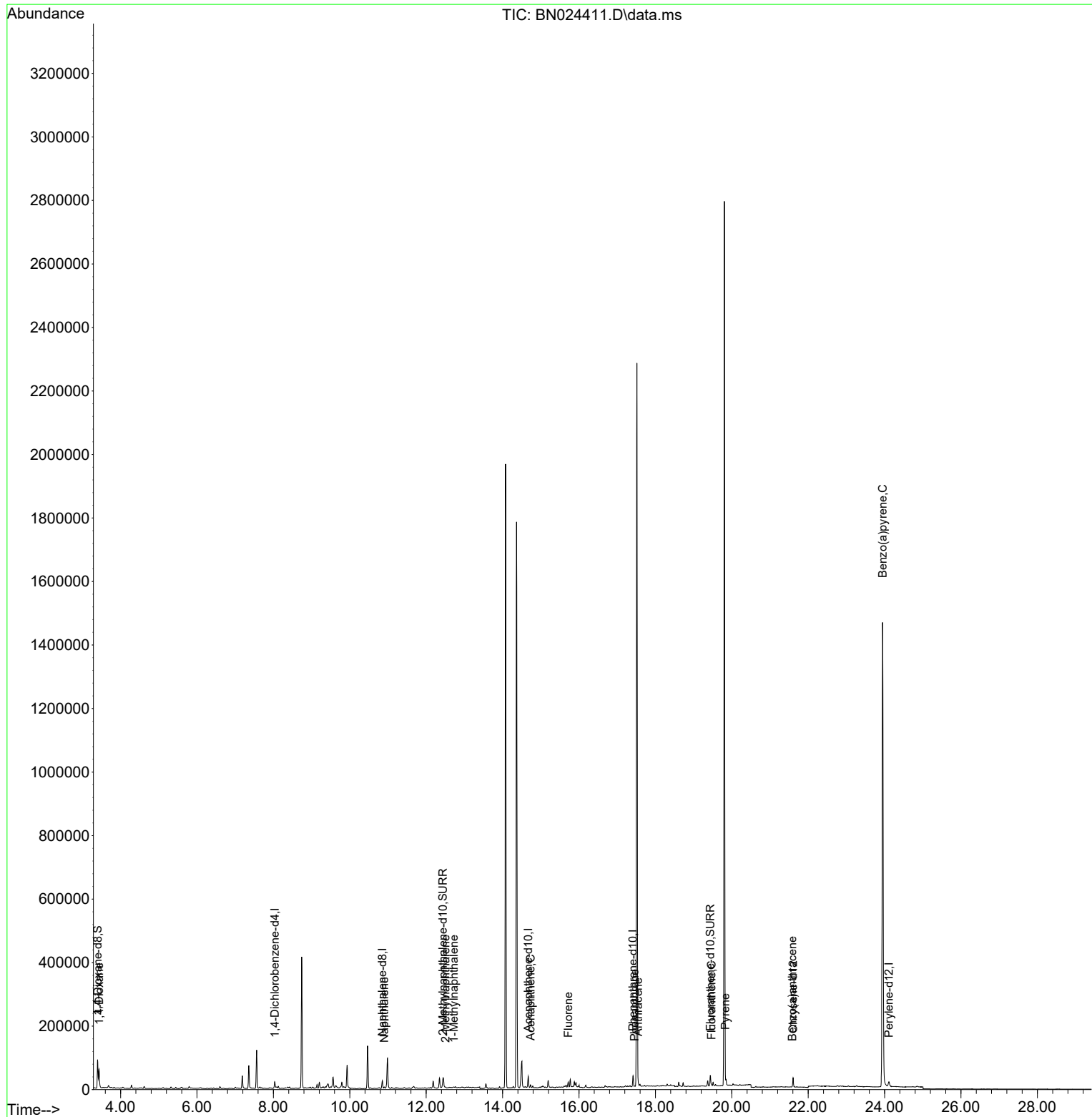
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	10005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	31928	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.670	164	20705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	37277	0.400	ng/ul #	0.00
17) Chrysene-d12	21.603	240	27166	0.400	ng/ul #	0.00
23) Perylene-d12	24.111	264	18658	0.400	ng/ul #	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	58028	5.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	16405	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	33115	0.458	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	38455	3.211	ng/ul	87
5) Naphthalene	10.900	128	4085	0.051	ng/ul#	60
7) 2-Methylnaphthalene	12.506	142	1249	0.026	ng/ul#	5
8) 1-Methylnaphthalene	12.726	142	1214	0.024	ng/ul	92
11) Acenaphthene	14.731	153	5312	0.080	ng/ul	97
12) Fluorene	15.716	166	9882	0.133	ng/ul#	93
15) Phenanthrene	17.456	178	2190	0.021	ng/ul#	9
16) Anthracene	17.548	178	7006	0.075	ng/ul#	51
19) Fluoranthene	19.469	202	3784	0.035	ng/ul#	1
20) Pyrene	19.831	202	2325	0.021	ng/ul#	1
21) Benzo(a)anthracene	21.586	228	1944	0.022	ng/ul#	18
26) Benzo(a)pyrene	23.948	252	8687	0.142	ng/ul#	29

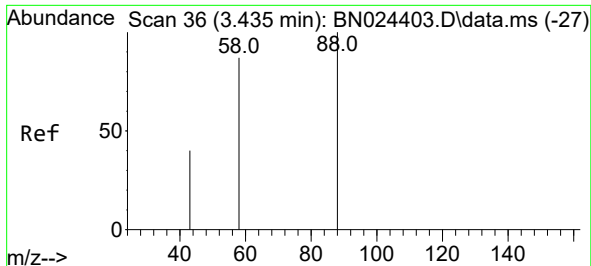
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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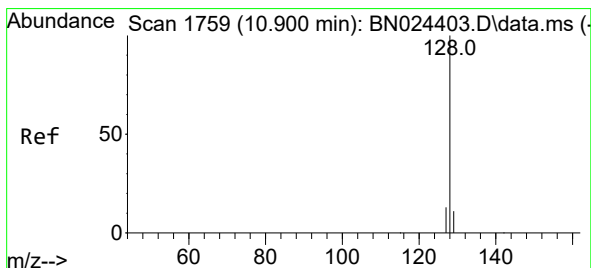
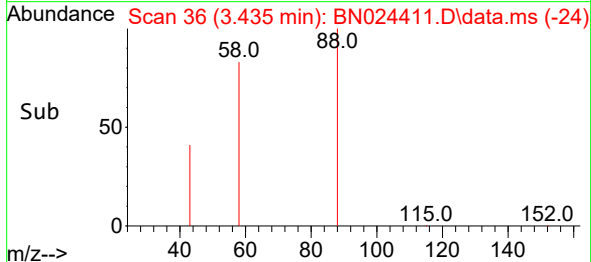
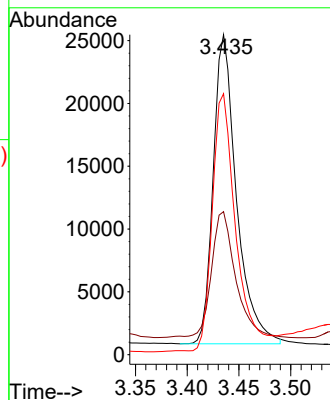
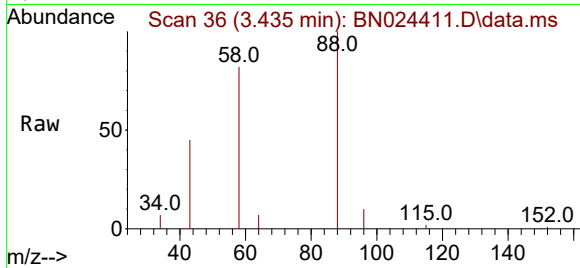




#2
1,4-Dioxane
Concen: 3.211 ng/ul
RT: 3.435 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

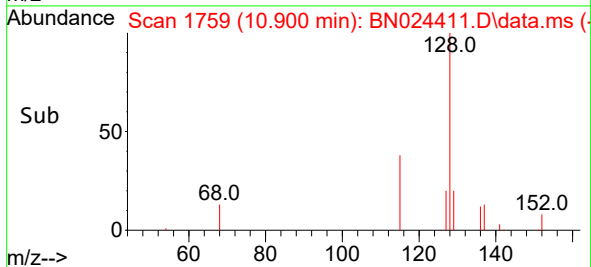
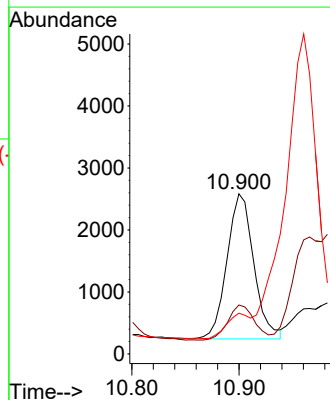
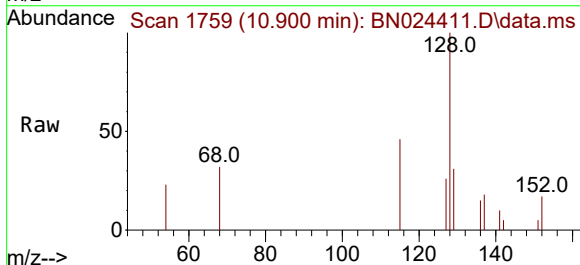
Instrument :
BNA_N
ClientSampleId :
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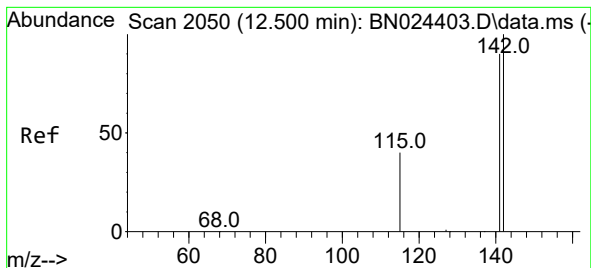
Tgt Ion: 88 Resp: 38455
Ion Ratio Lower Upper
88 100
43 44.7 32.1 48.1
58 81.6 55.1 82.7



#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

Tgt Ion:128 Resp: 4085
Ion Ratio Lower Upper
128 100
129 30.5 9.0 13.6#
127 25.5 10.5 15.7#

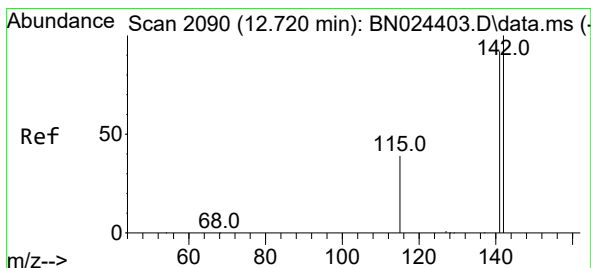
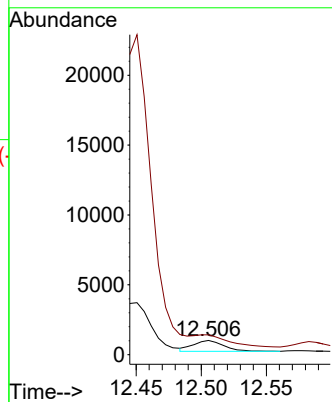
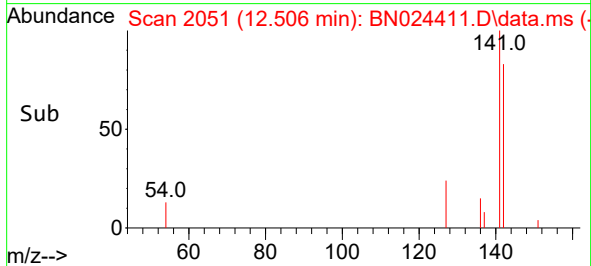
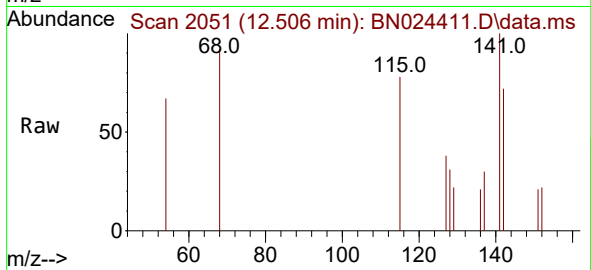




#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

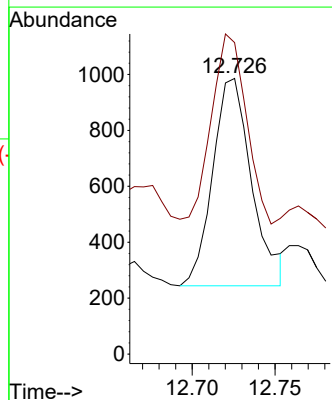
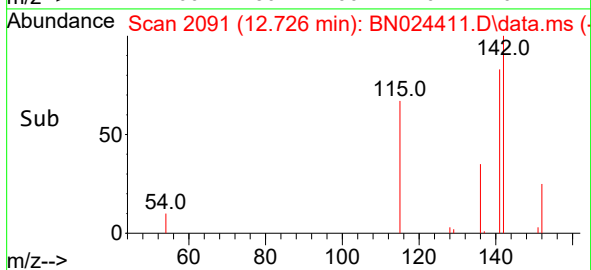
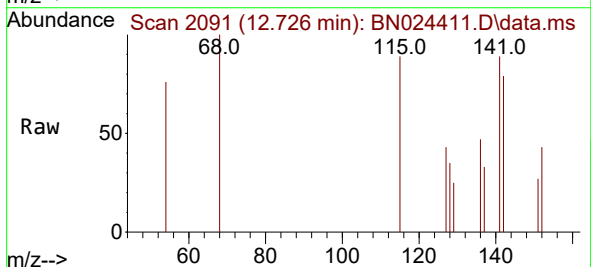
Instrument :
BNA_N
ClientSampleId :
CB913

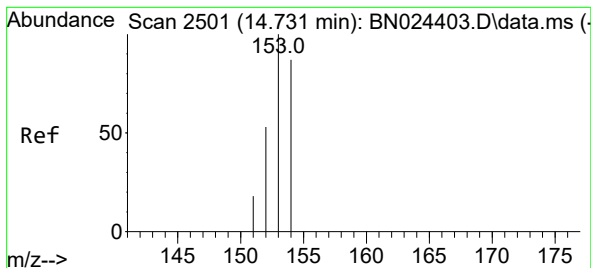
Tgt Ion:142 Resp: 1249
Ion Ratio Lower Upper
142 100
141 0.0 70.3 105.5#



#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.726 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

Tgt Ion:142 Resp: 1214
Ion Ratio Lower Upper
142 100
141 83.8 73.0 109.6





#11

Acenaphthene

Concen: 0.080 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BN024411.D

Acq: 20 Mar 2023 14:46

Instrument :

BNA_N

ClientSampleId :

CB913

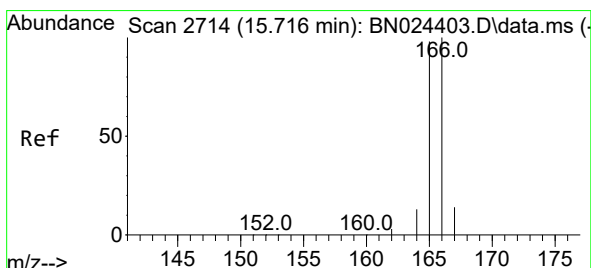
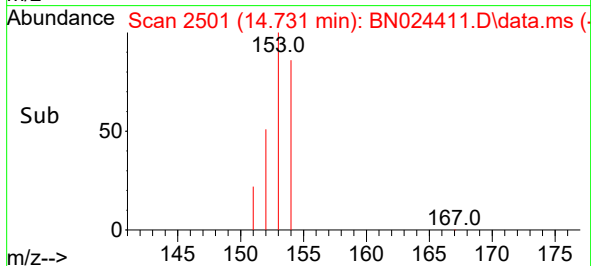
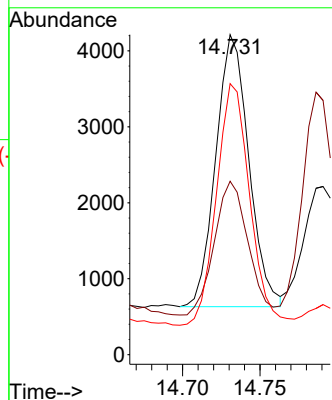
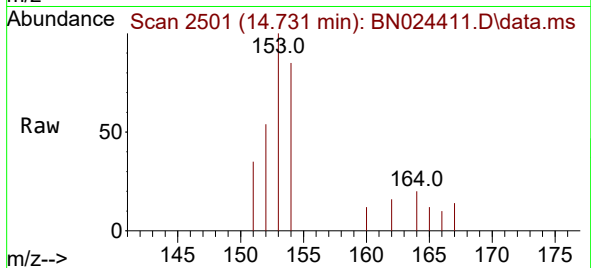
Tgt Ion:153 Resp: 5312

Ion Ratio Lower Upper

153 100

152 54.2 42.6 64.0

154 84.7 70.6 105.8



#12

Fluorene

Concen: 0.133 ng/ul

RT: 15.716 min Scan# 2714

Delta R.T. 0.000 min

Lab File: BN024411.D

Acq: 20 Mar 2023 14:46

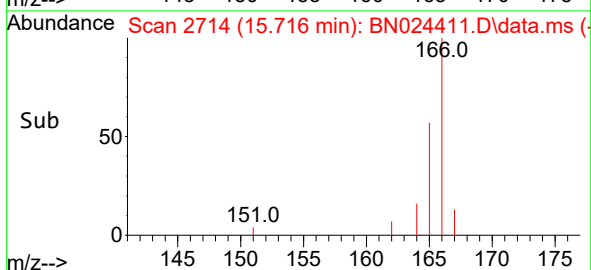
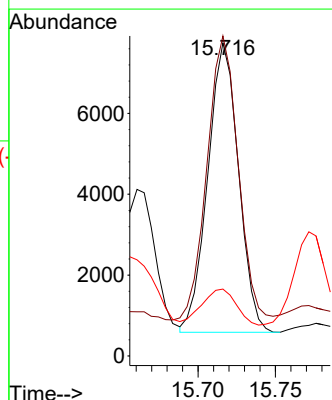
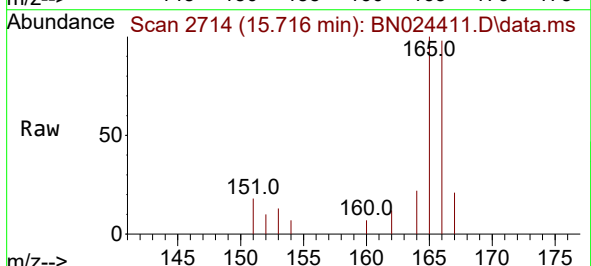
Tgt Ion:166 Resp: 9882

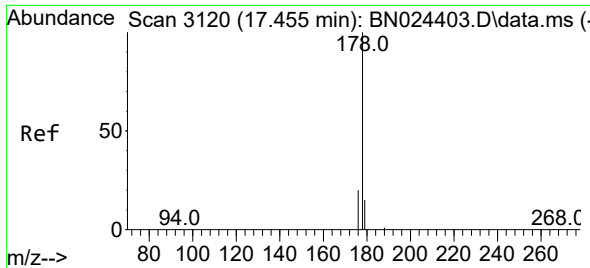
Ion Ratio Lower Upper

166 100

165 102.2 77.4 116.0

167 21.3 10.9 16.3#

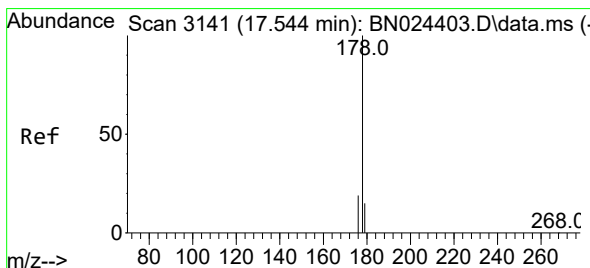
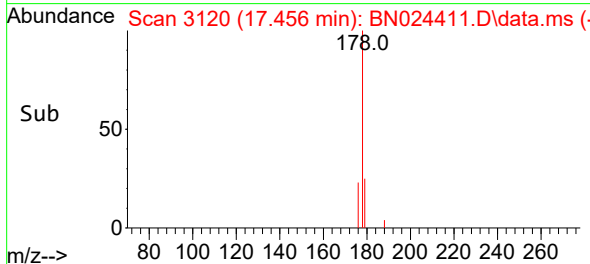
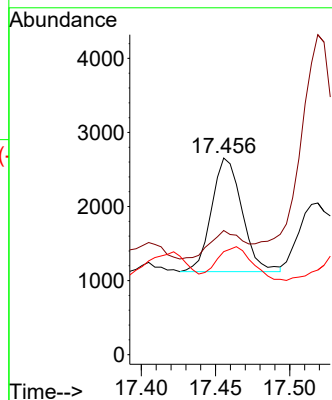
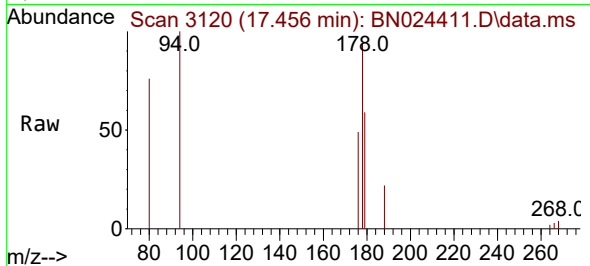




#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.456 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

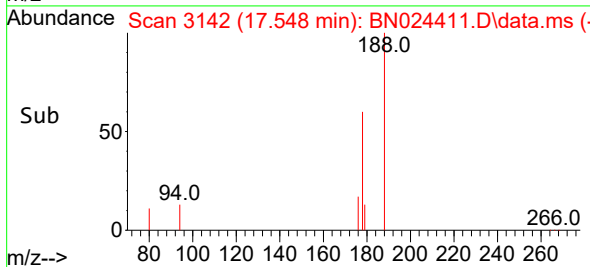
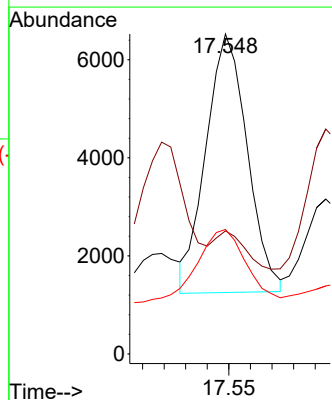
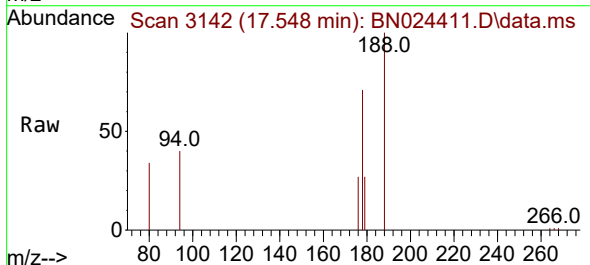
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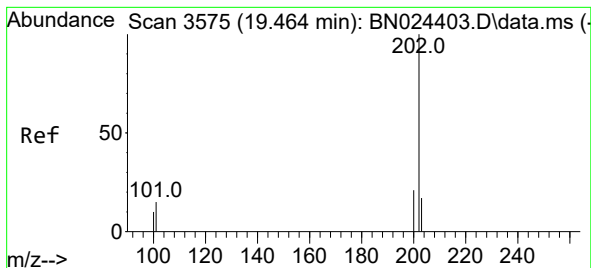
Tgt Ion:178 Resp: 2190
Ion Ratio Lower Upper
178 100
179 63.2 12.2 18.2#
176 52.4 15.7 23.5#



#16
Anthracene
Concen: 0.075 ng/ul
RT: 17.548 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

Tgt Ion:178 Resp: 7006
Ion Ratio Lower Upper
178 100
179 38.4 12.3 18.5#
176 38.9 15.3 22.9#





#19

Fluoranthene

Concen: 0.035 ng/ul

RT: 19.469 min Scan# 3575

Delta R.T. 0.005 min

Lab File: BN024411.D

Acq: 20 Mar 2023 14:46

Instrument :

BNA_N

ClientSampleId :

CB913

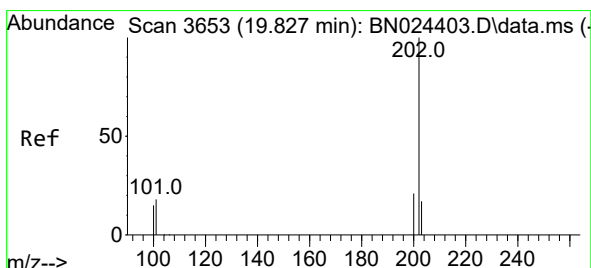
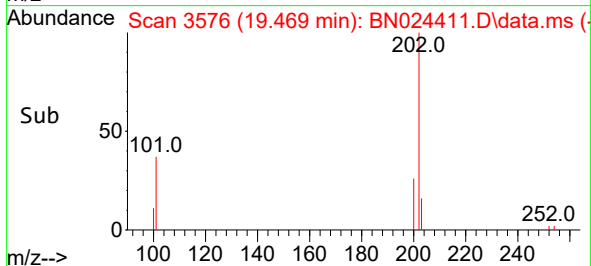
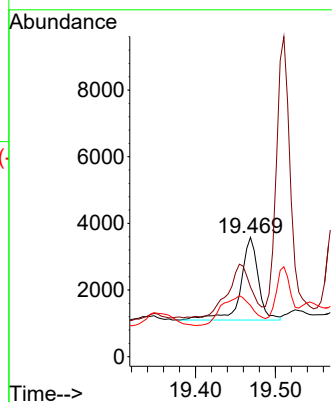
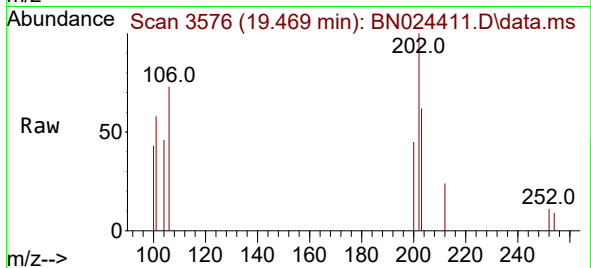
Tgt Ion:202 Resp: 3784

Ion Ratio Lower Upper

202 100

101 58.5 10.4 15.6#

100 43.0 7.7 11.5#



#20

Pyrene

Concen: 0.021 ng/ul

RT: 19.831 min Scan# 3654

Delta R.T. 0.005 min

Lab File: BN024411.D

Acq: 20 Mar 2023 14:46

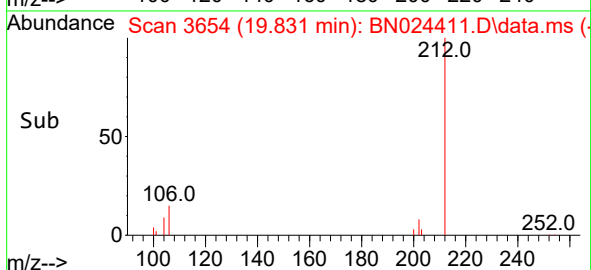
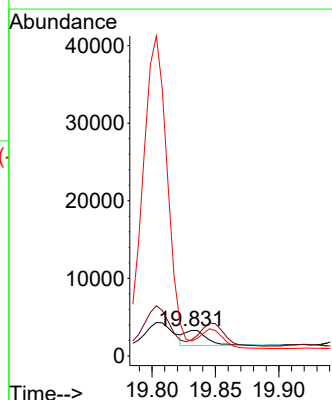
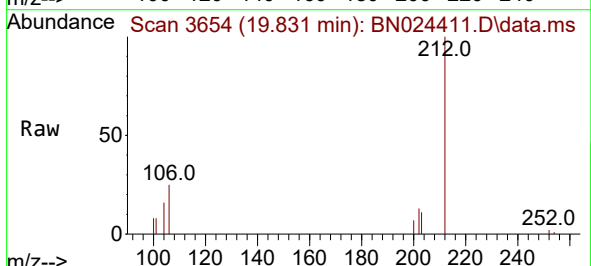
Tgt Ion:202 Resp: 2325

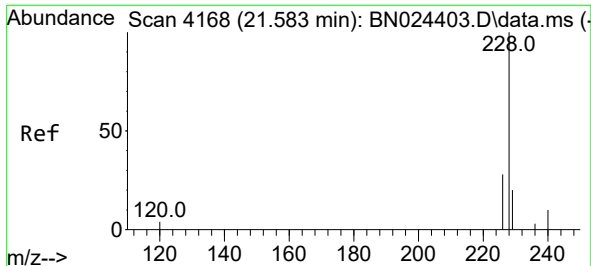
Ion Ratio Lower Upper

202 100

101 63.3 12.1 18.1#

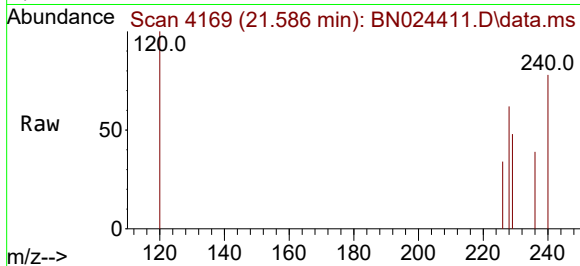
100 58.1 9.4 14.0#



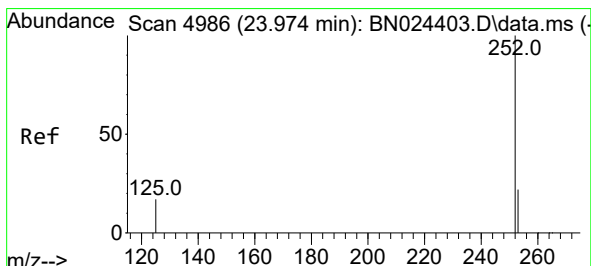
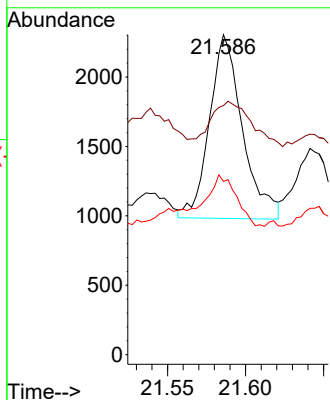
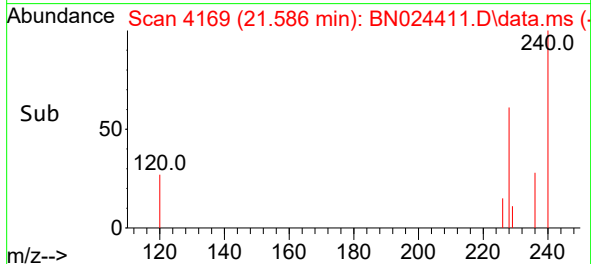


#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.586 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

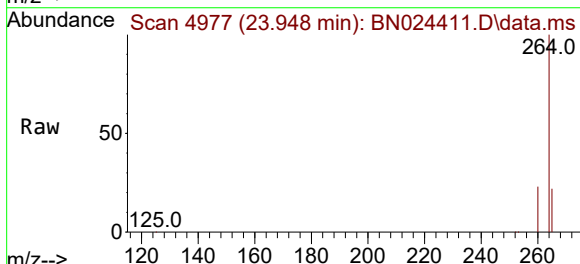
Instrument :
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Tgt Ion:228 Resp: 1944
Ion Ratio Lower Upper
228 100
229 77.8 15.8 23.6#
226 54.1 22.2 33.4#



#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.948 min Scan# 4977
Delta R.T. -0.026 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46



Tgt Ion:252 Resp: 8687
Ion Ratio Lower Upper
252 100
253 52.9 19.2 28.8#
125 58.9 15.8 23.6#

