

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)

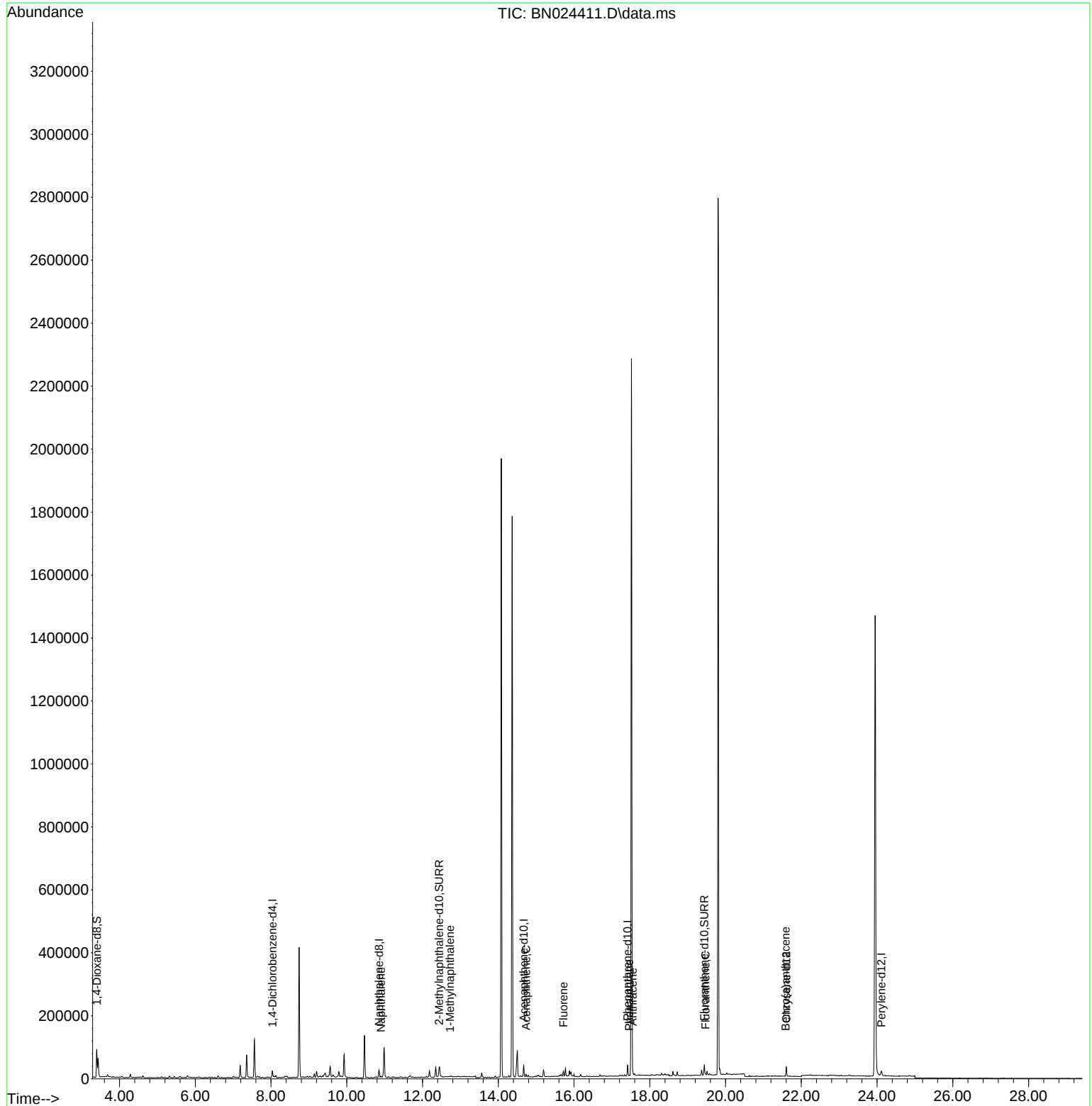
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	10005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	31928	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	20705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	37277	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	27166	0.400	ng/ul	# 0.00
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	
5) Naphthalene	10.900	128	4085	0.051	ng/ul#	60
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
21) Benzo(a)anthracene	21.586	228	1944	0.022	ng/ul#	18

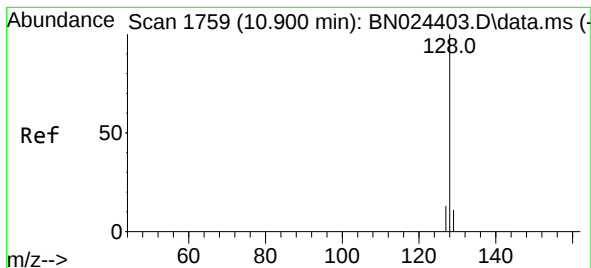
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.051 ng/ul

RT: 10.900 min Scan# 1759

Delta R.T. 0.000 min

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Instrument :

BNA_N

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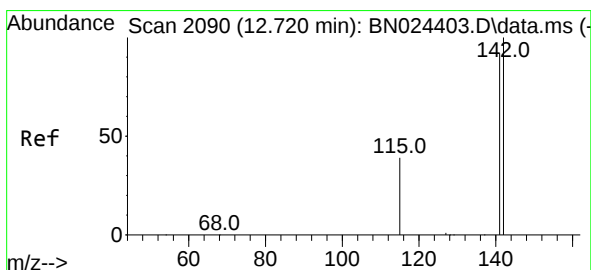
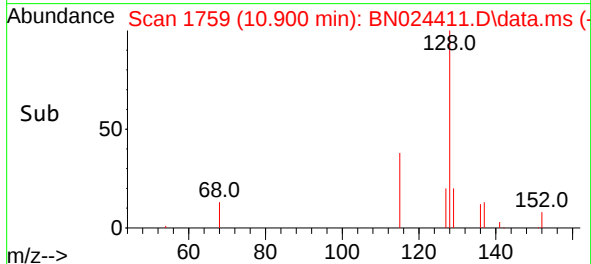
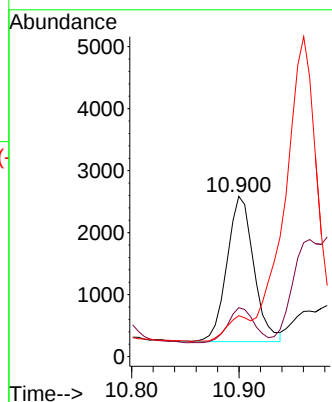
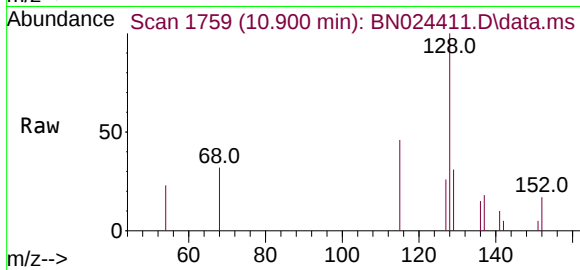
Tgt Ion:128 Resp: 4085

Ion Ratio Lower Upper

128 100

129 30.5 9.0 13.6#

127 25.5 10.5 15.7#



#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.726 min Scan# 2091

Delta R.T. 0.006 min

Lab File: BN024411.D

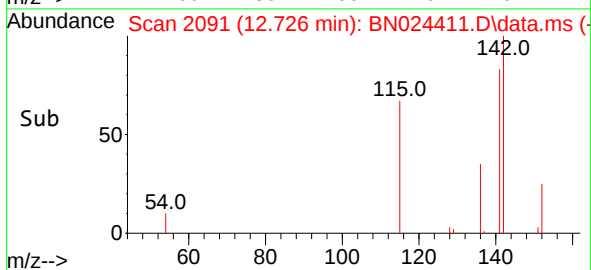
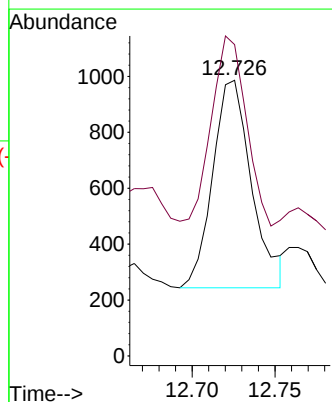
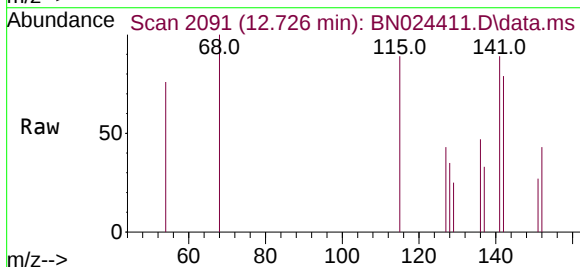
Acq: 20 Mar 2023 14:46

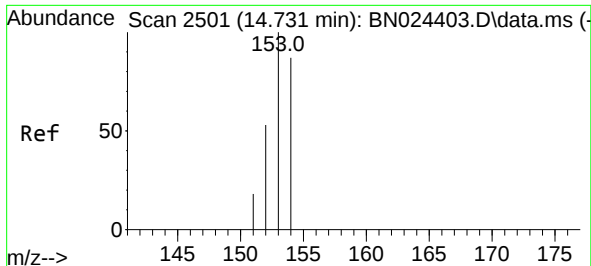
Tgt Ion:142 Resp: 1214

Ion Ratio Lower Upper

142 100

141 83.8 73.0 109.6

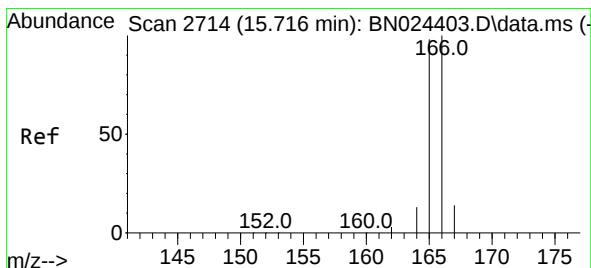
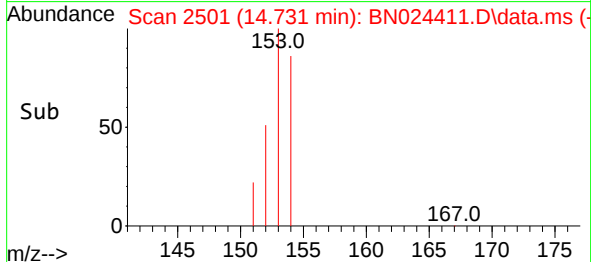
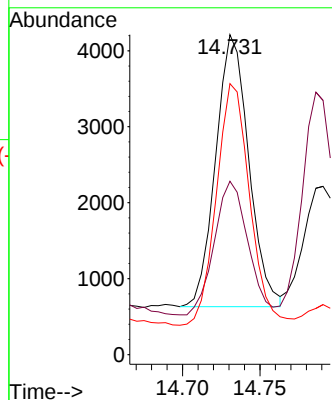
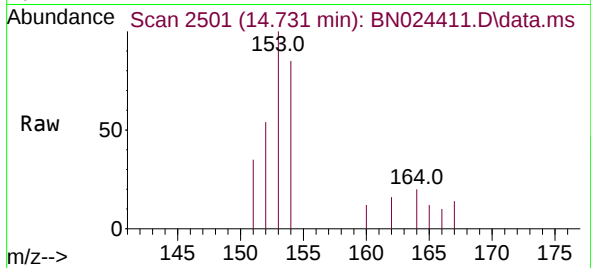




#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

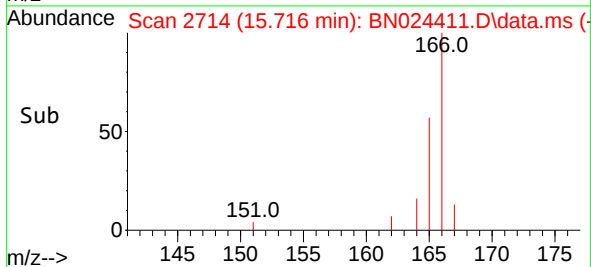
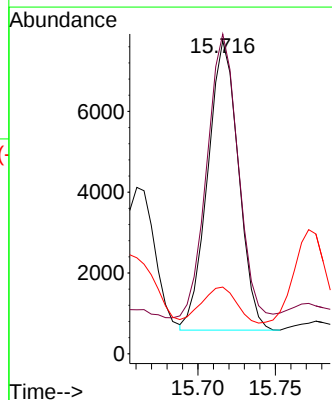
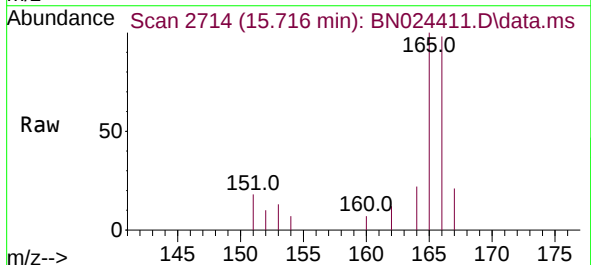
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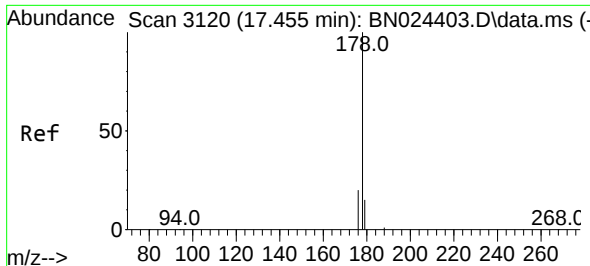
Tgt Ion:153 Resp: 5312
Ion Ratio Lower Upper
153 100
152 54.2 42.6 64.0
154 84.7 70.6 105.8



#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#

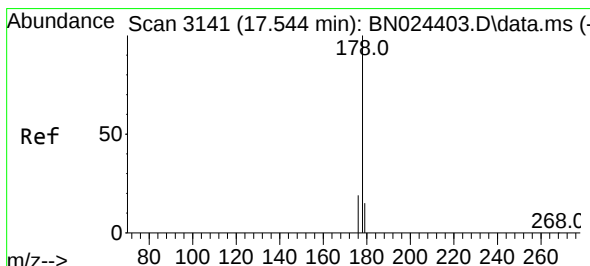
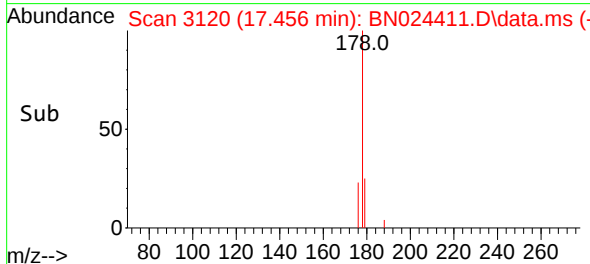
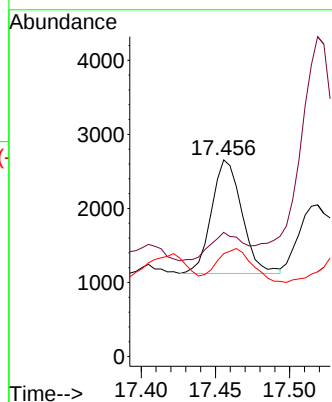
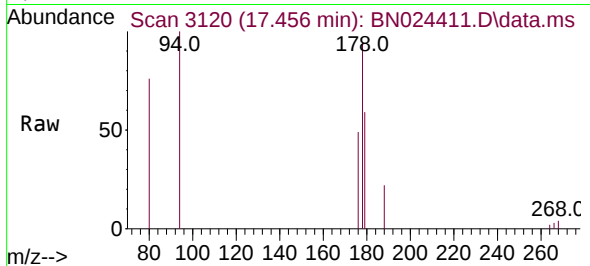




#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.456 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

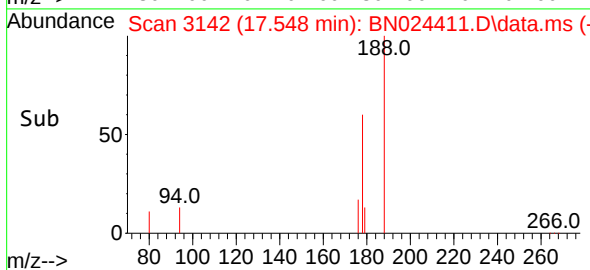
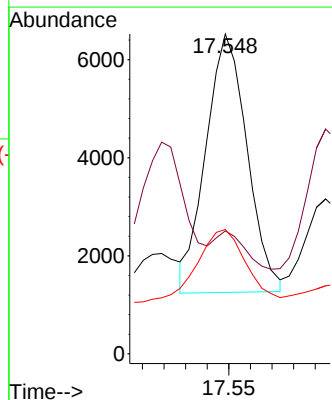
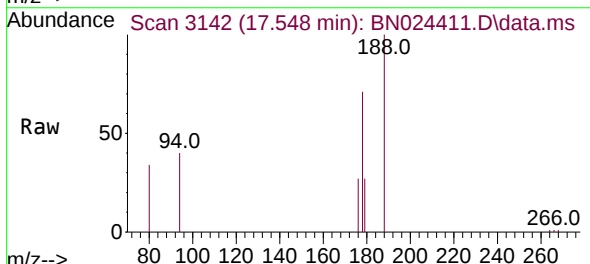
Instrument :
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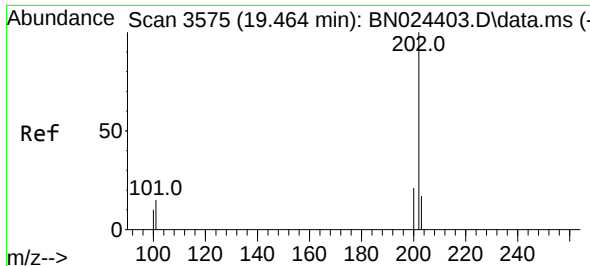
Tgt Ion:178 Resp: 2190
Ion Ratio Lower Upper
178 100
179 63.2 12.2 18.2#
176 52.4 15.7 23.5#



#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#

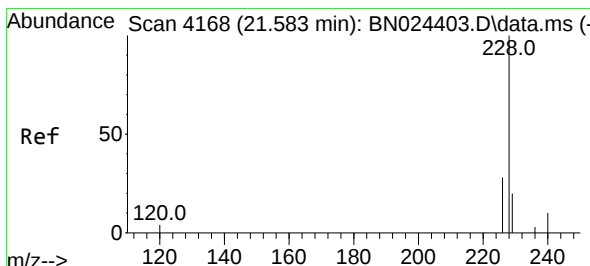
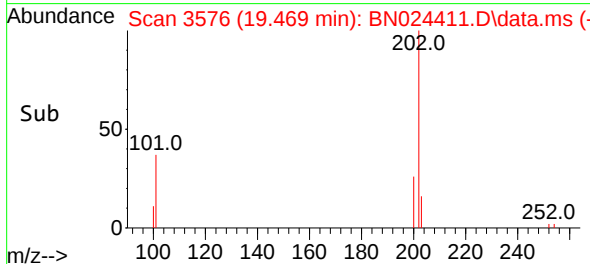
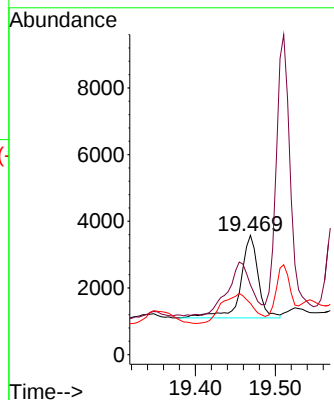
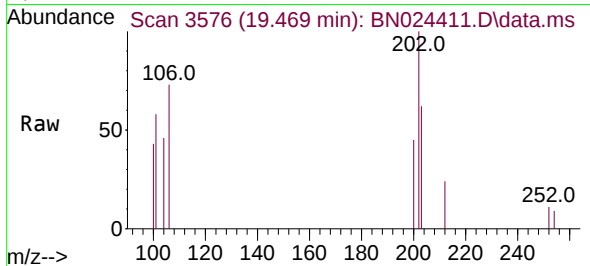




#19
Fluoranthene
Concen: 0.035 ng/ul
RT: 19.469 min Scan# 3576
Delta R.T. 0.005 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

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#



#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.586 min Scan# 4169
Delta R.T. 0.003 min
Lab File: BN024411.D
Acq: 20 Mar 2023 14:46

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#

