

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024409.D
 Acq On : 20 Mar 2023 13:33
 Operator : CG/JU
 Sample : 01884-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB908

Quant Time: Mar 21 02:14:58 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)

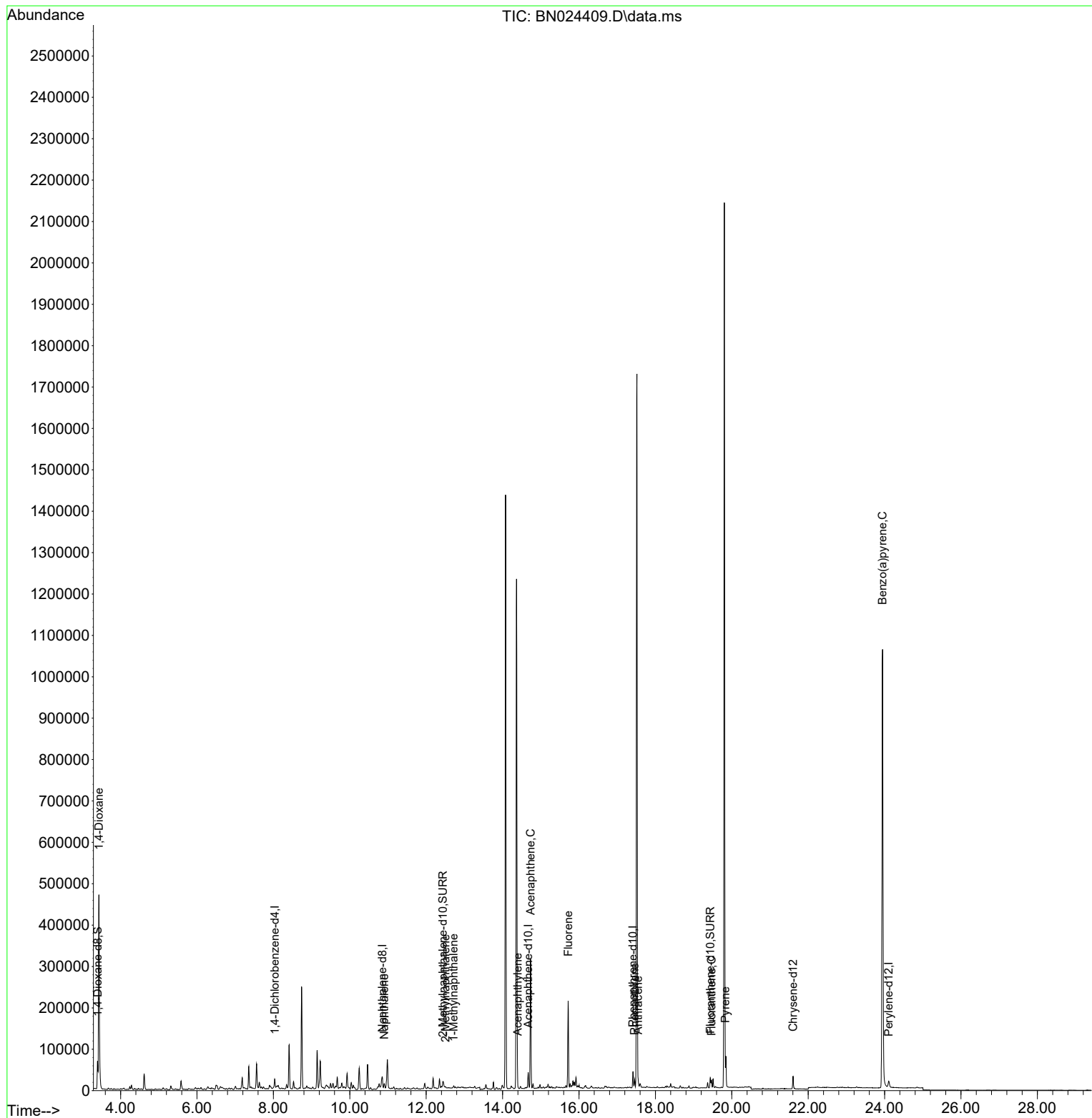
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	10748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	34965	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	21167	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	41696	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	29448	0.400	ng/ul	# 0.00
23) Perylene-d12	24.108	264	20101	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	41690	3.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	10634	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	23007	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	322635	25.077	ng/ul#	87
5) Naphthalene	10.900	128	6404	0.073	ng/ul#	8
7) 2-Methylnaphthalene	12.506	142	2488	0.047	ng/ul	90
8) 1-Methylnaphthalene	12.720	142	3194	0.057	ng/ul	97
10) Acenaphthylene	14.393	152	4466	0.051	ng/ul#	17
11) Acenaphthene	14.731	153	175213	2.575	ng/ul	97
12) Fluorene	15.716	166	126925	1.670	ng/ul	99
15) Phenanthrene	17.456	178	20886	0.175	ng/ul#	90
16) Anthracene	17.548	178	14079	0.134	ng/ul#	81
19) Fluoranthene	19.469	202	14919	0.127	ng/ul#	77
20) Pyrene	19.831	202	13278	0.112	ng/ul#	1
26) Benzo(a)pyrene	23.945	252	6565	0.099	ng/ul#	26

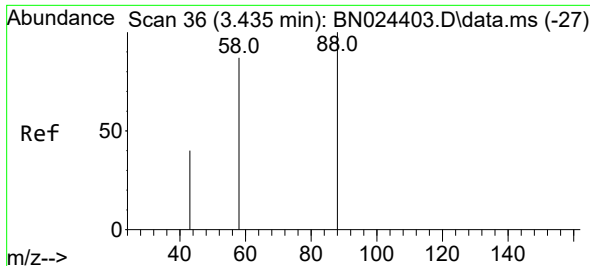
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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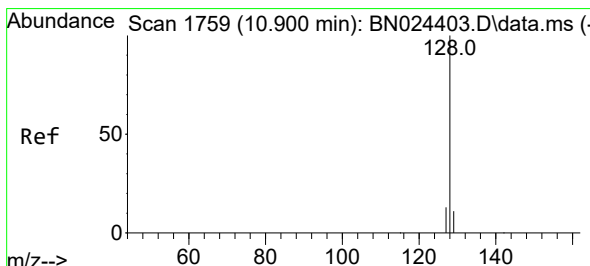
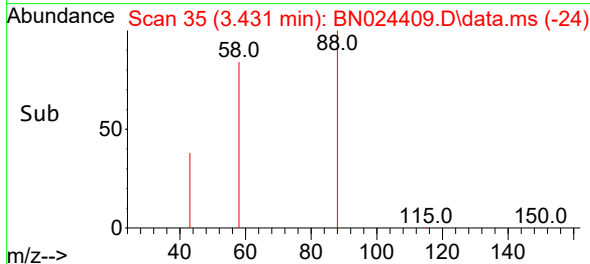
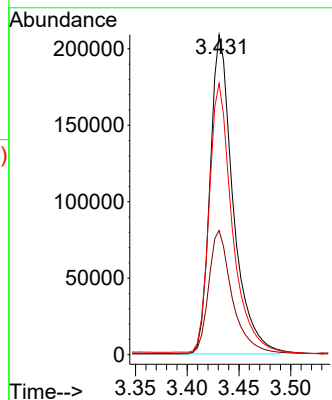
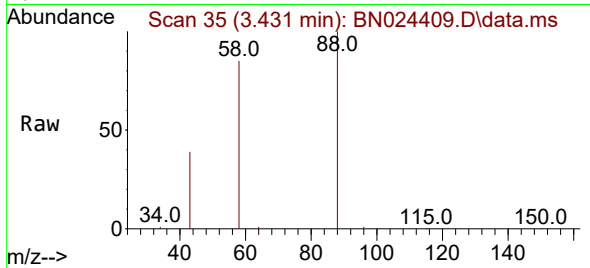




#2
 1,4-Dioxane
 Concen: 25.077 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024409.D
 Acq: 20 Mar 2023 13:33

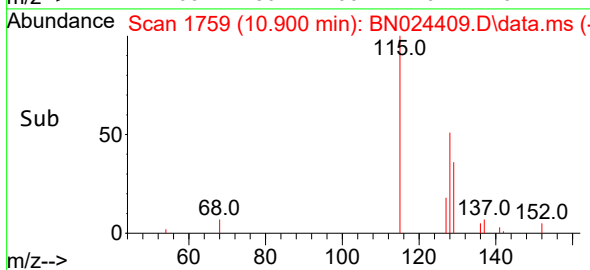
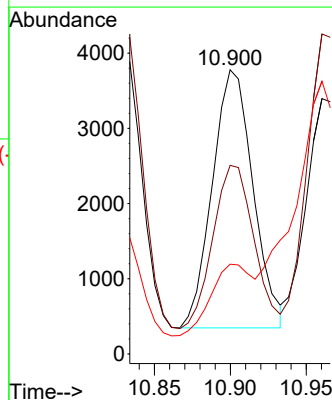
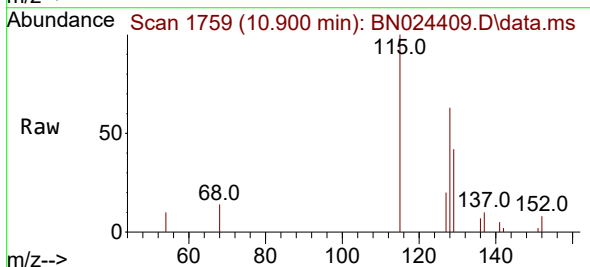
Instrument :
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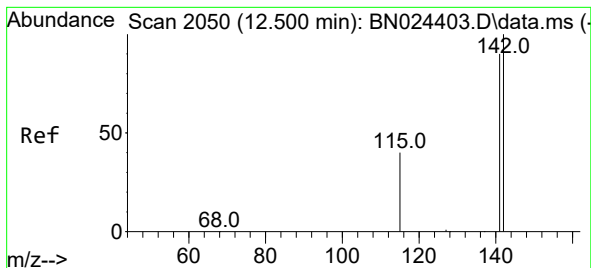
Tgt Ion: 88 Resp: 322635
 Ion Ratio Lower Upper
 88 100
 43 38.8 32.1 48.1
 58 84.8 55.1 82.7#



#5
 Naphthalene
 Concen: 0.073 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN024409.D
 Acq: 20 Mar 2023 13:33

Tgt Ion:128 Resp: 6404
 Ion Ratio Lower Upper
 128 100
 129 66.4 9.0 13.6#
 127 31.6 10.5 15.7#

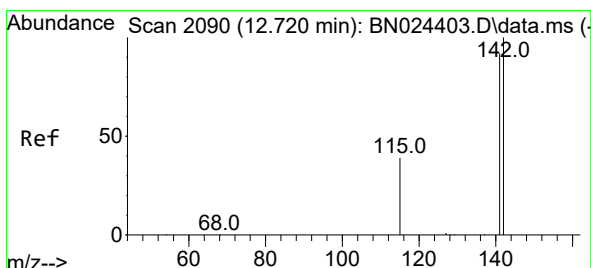
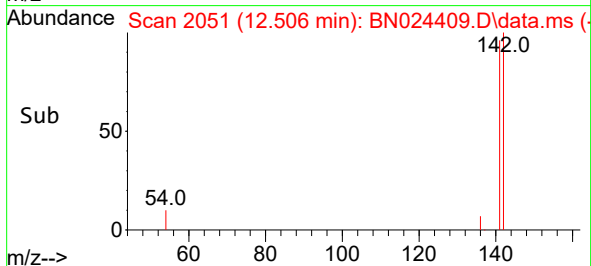
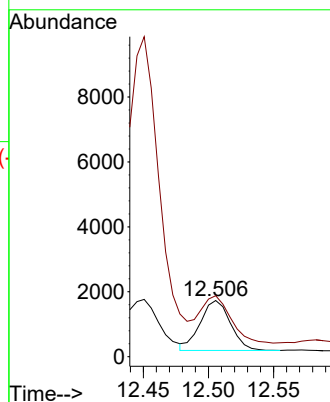
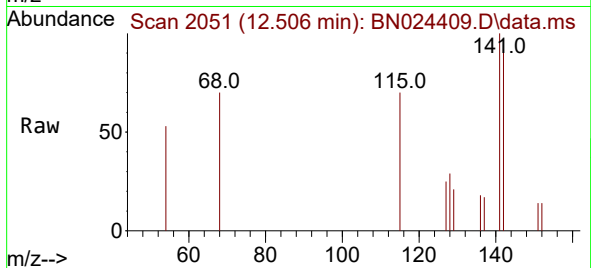




#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BN024409.D
Acq: 20 Mar 2023 13:33

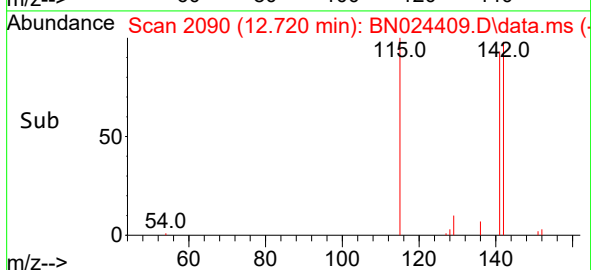
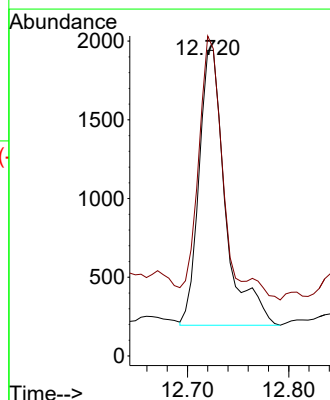
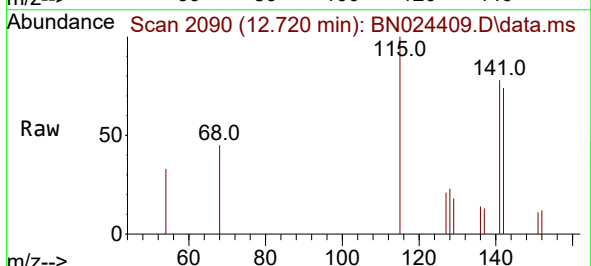
Instrument :
BNA_N
ClientSampleId :
CB908

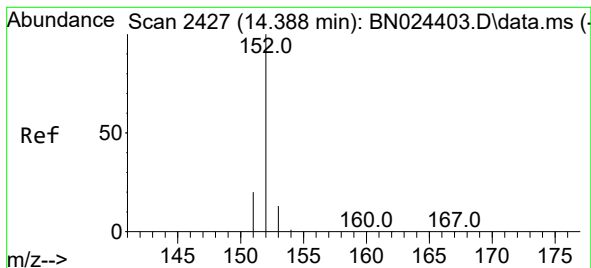
Tgt Ion:142 Resp: 2488
Ion Ratio Lower Upper
142 100
141 97.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN024409.D
Acq: 20 Mar 2023 13:33

Tgt Ion:142 Resp: 3194
Ion Ratio Lower Upper
142 100
141 88.1 73.0 109.6





#10

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.393 min Scan# 2428

Delta R.T. 0.005 min

Lab File: BN024409.D

Acq: 20 Mar 2023 13:33

Instrument :

BNA_N

ClientSampleId :

CB908

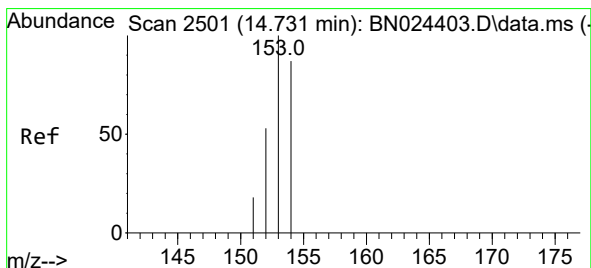
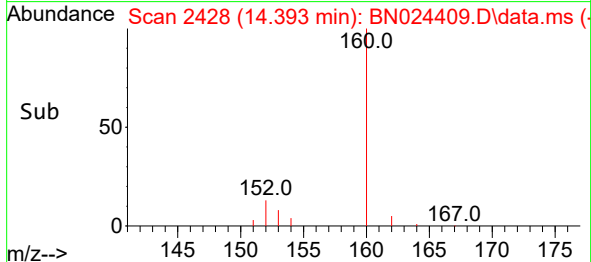
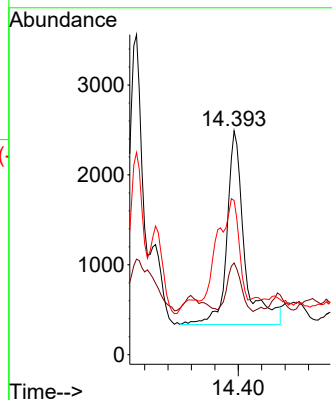
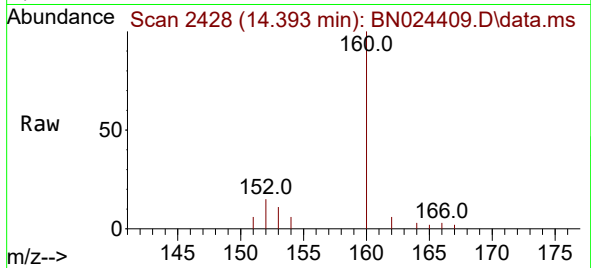
Tgt Ion:152 Resp: 4466

Ion Ratio Lower Upper

152 100

151 40.9 15.9 23.9#

153 68.9 10.6 16.0#



#11

Acenaphthene

Concen: 2.575 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BN024409.D

Acq: 20 Mar 2023 13:33

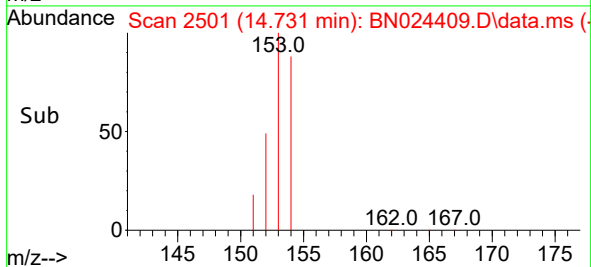
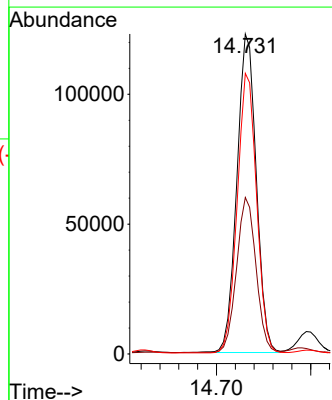
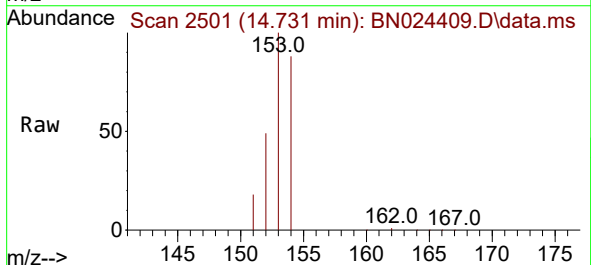
Tgt Ion:153 Resp: 175213

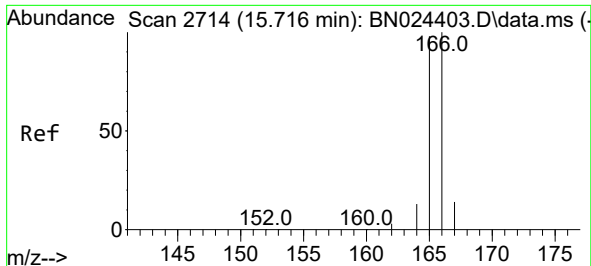
Ion Ratio Lower Upper

153 100

152 48.9 42.6 64.0

154 87.7 70.6 105.8

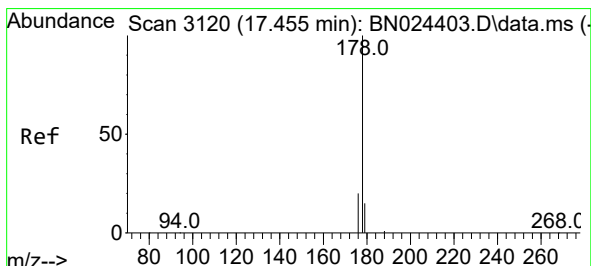
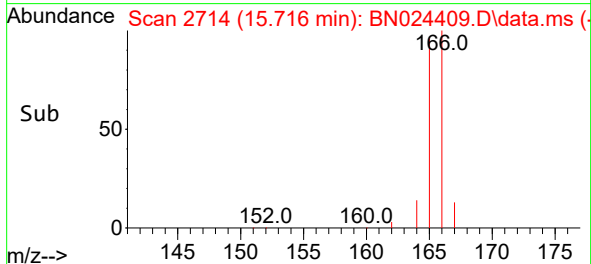
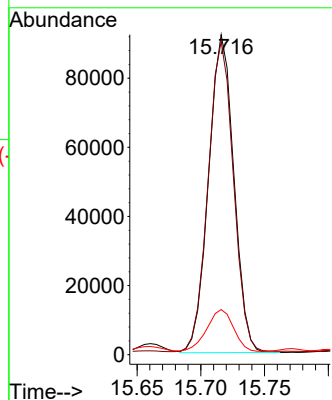
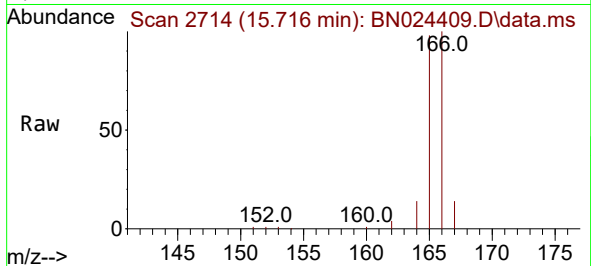




#12
Fluorene
Concen: 1.670 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024409.D
Acq: 20 Mar 2023 13:33

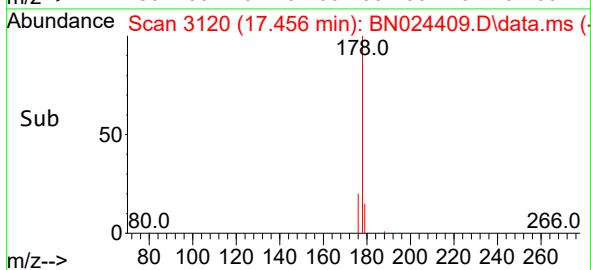
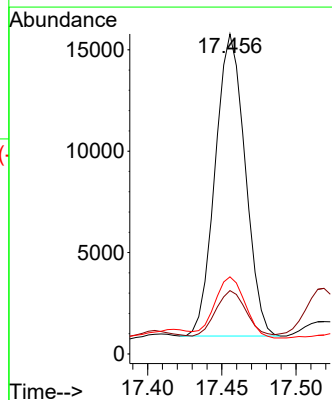
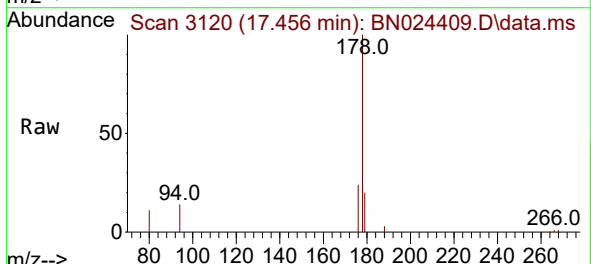
Instrument :
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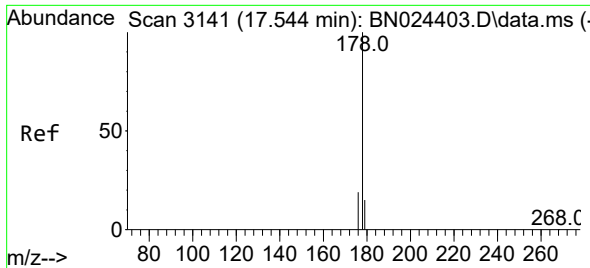
Tgt Ion:166 Resp: 126925
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.0
167 14.1 10.9 16.3



#15
Phenanthrene
Concen: 0.175 ng/ul
RT: 17.456 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN024409.D
Acq: 20 Mar 2023 13:33

Tgt Ion:178 Resp: 20886
Ion Ratio Lower Upper
178 100
179 19.8 12.2 18.2#
176 24.1 15.7 23.5#

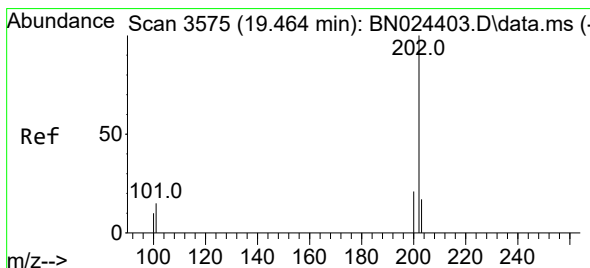
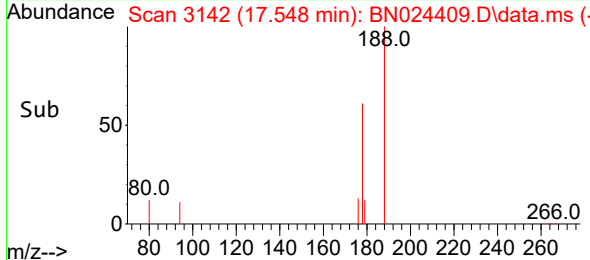
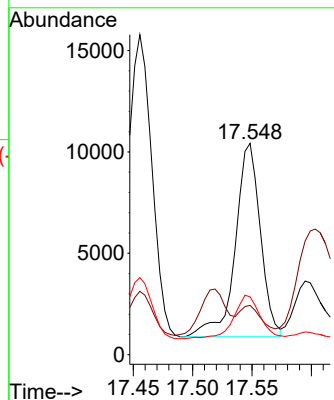
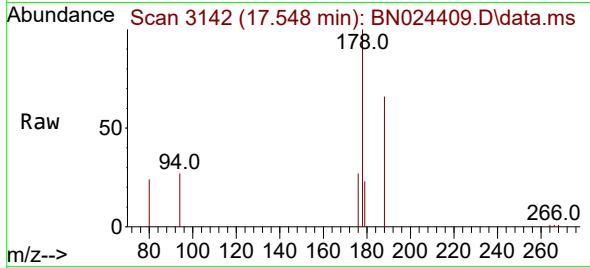




#16
 Anthracene
 Concen: 0.134 ng/ul
 RT: 17.548 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024409.D
 Acq: 20 Mar 2023 13:33

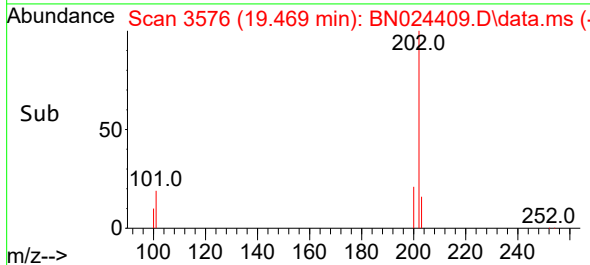
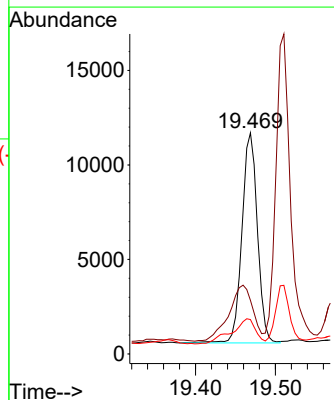
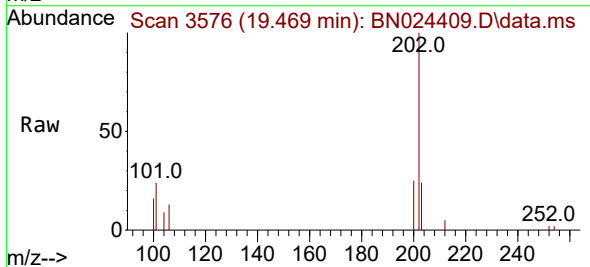
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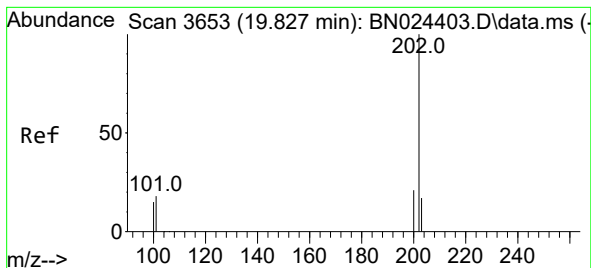
Tgt Ion:178 Resp: 14079
 Ion Ratio Lower Upper
 178 100
 179 23.3 12.3 18.5#
 176 27.4 15.3 22.9#



#19
 Fluoranthene
 Concen: 0.127 ng/ul
 RT: 19.469 min Scan# 3576
 Delta R.T. 0.005 min
 Lab File: BN024409.D
 Acq: 20 Mar 2023 13:33

Tgt Ion:202 Resp: 14919
 Ion Ratio Lower Upper
 202 100
 101 24.2 10.4 15.6#
 100 15.5 7.7 11.5#





#20

Pyrene

Concen: 0.112 ng/ul

RT: 19.831 min Scan# 3

Delta R.T. 0.005 min

Lab File: BN024409.D

Acq: 20 Mar 2023 13:33

Instrument :

BNA_N

ClientSampleId :

CB908

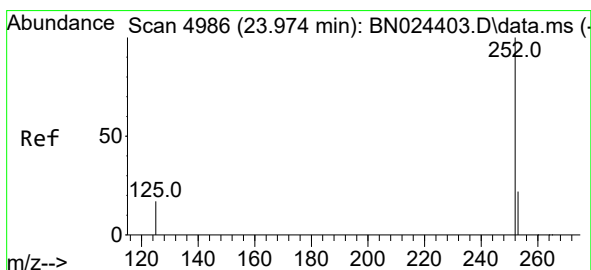
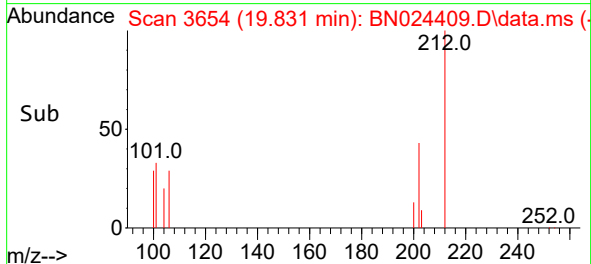
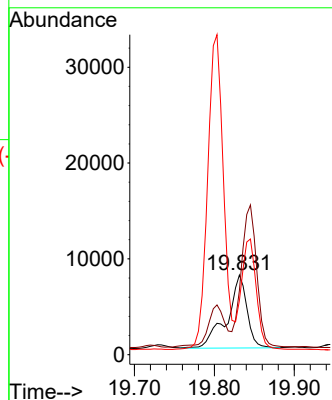
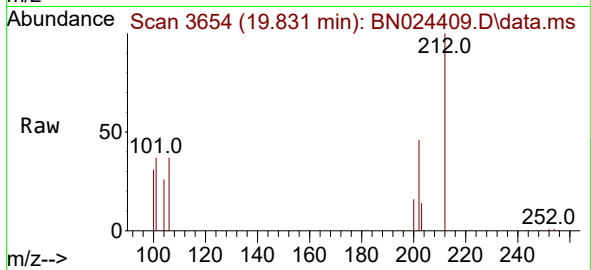
Tgt Ion:202 Resp: 13278

Ion Ratio Lower Upper

202 100

101 80.6 12.1 18.1#

100 67.8 9.4 14.0#



#26

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 23.945 min Scan# 4976

Delta R.T. -0.029 min

Lab File: BN024409.D

Acq: 20 Mar 2023 13:33

Tgt Ion:252 Resp: 6565

Ion Ratio Lower Upper

252 100

253 50.9 19.2 28.8#

125 64.2 15.8 23.6#

