

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024232.D
 Acq On : 10 Mar 2023 12:08
 Operator : CG/JU
 Sample : 01784-13
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAC3RE

Quant Time: Mar 11 00:07:46 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 : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

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

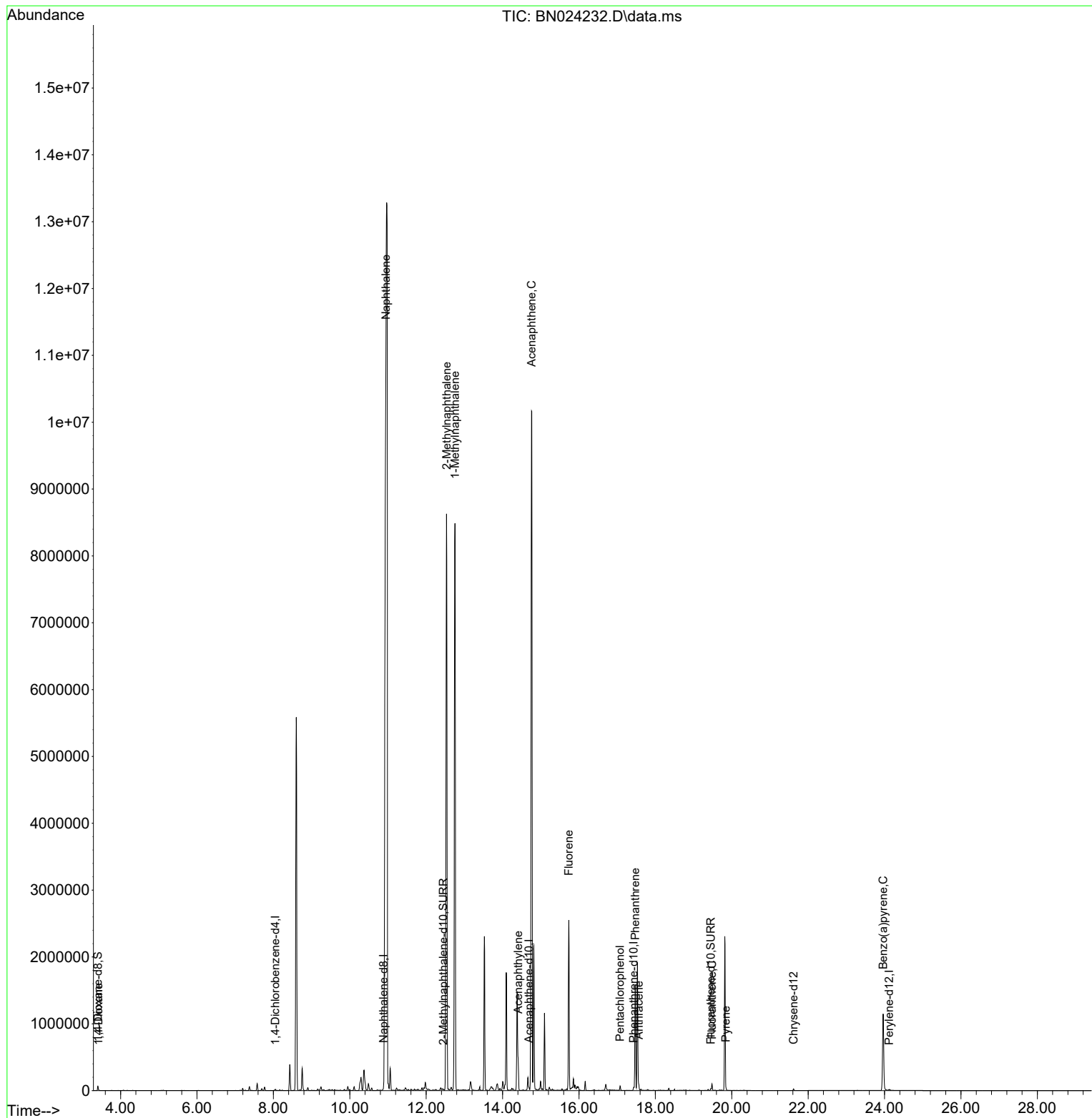
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	9653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	29936	0.400	ng/ul #	0.01
9) Acenaphthene-d10	14.689	164	23362	0.400	ng/ul #	0.00
13) Phenanthrene-d10	17.430	188	34115	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	23883	0.400	ng/ul	0.00
23) Perylene-d12	24.120	264	20978	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	40553	3.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.450	152	13659	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	27447	0.432	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	465	0.040	ng/ul#	1
5) Naphthalene	10.944	128	35209054	471.199	ng/ul	95
7) 2-Methylnaphthalene	12.533	142	7071827	156.001	ng/ul	99
8) 1-Methylnaphthalene	12.753	142	6628775	139.141	ng/ul	99
10) Acenaphthylene	14.407	152	437680	4.490	ng/ul	97
11) Acenaphthene	14.758	153	7428297	98.917	ng/ul	97
12) Fluorene	15.734	166	1646586	19.635	ng/ul	99
14) Pentachlorophenol	17.075	266	38353	4.048	ng/ul#	73
15) Phenanthrene	17.472	178	1691585	17.312	ng/ul	99
16) Anthracene	17.565	178	93947	1.096	ng/ul	99
19) Fluoranthene	19.483	202	80473	0.847	ng/ul	99
20) Pyrene	19.845	202	30434	0.316	ng/ul#	94
26) Benzo(a)pyrene	23.962	252	6928	0.101	ng/ul#	67

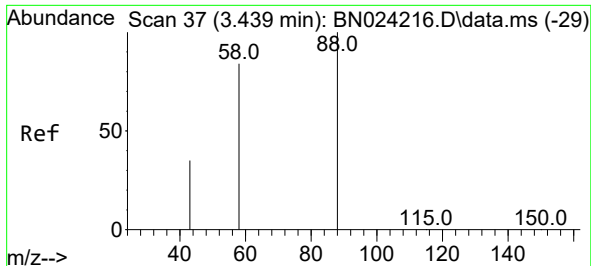
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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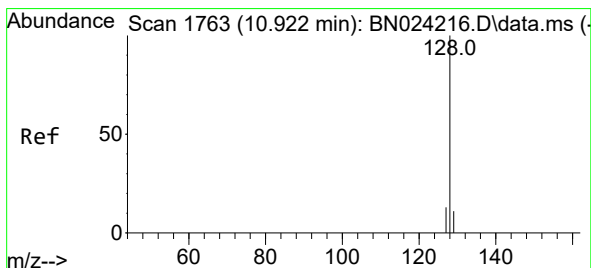
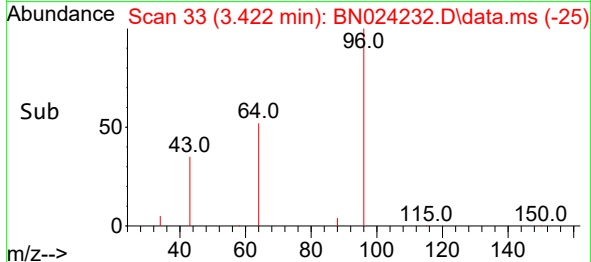
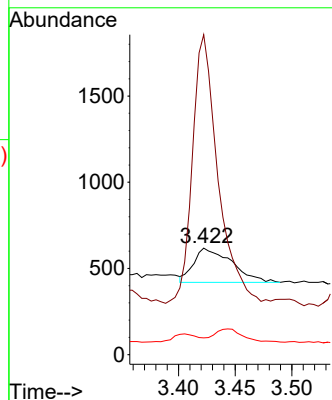
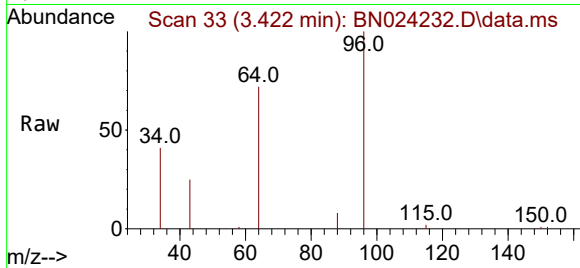




#2
1,4-Dioxane
Concen: 0.040 ng/ul
RT: 3.422 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

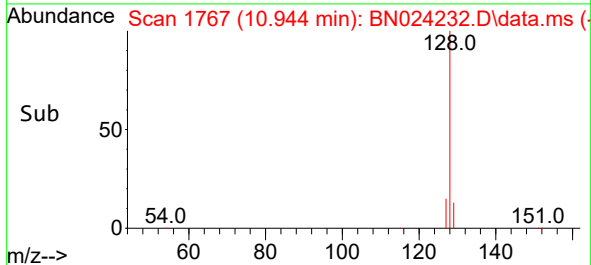
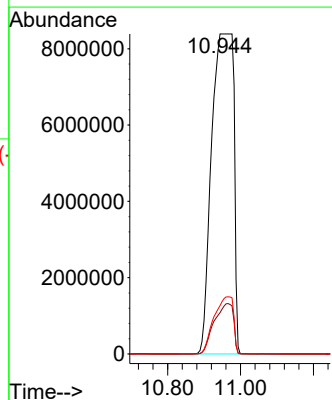
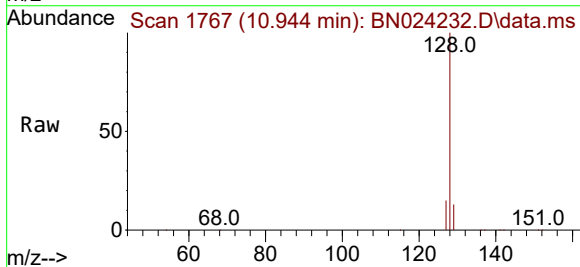
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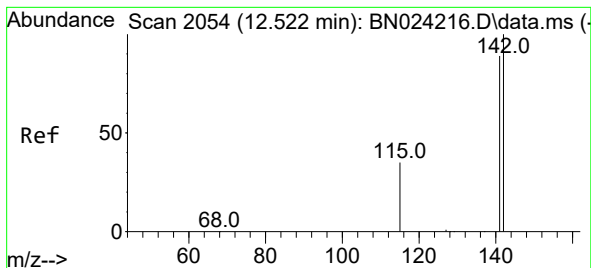
Tgt Ion: 88 Resp: 465
Ion Ratio Lower Upper
88 100
43 300.3 32.1 48.1#
58 15.7 55.1 82.7#



#5
Naphthalene
Concen: 471.199 ng/ul
RT: 10.944 min Scan# 1767
Delta R.T. 0.022 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

Tgt Ion:128 Resp:35209054
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 15.1 10.5 15.7





#7

2-Methylnaphthalene

Concen: 156.001 ng/ul

RT: 12.533 min Scan# 2056

Delta R.T. 0.011 min

Lab File: BN024232.D

Acq: 10 Mar 2023 12:08

Instrument :

BNA_N

ClientSampleId :

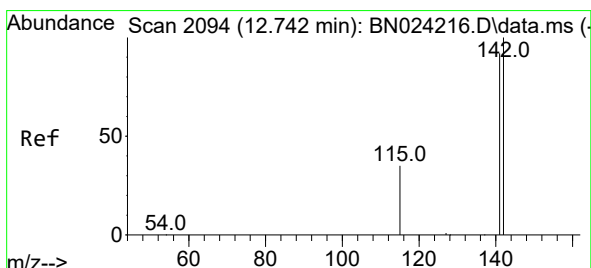
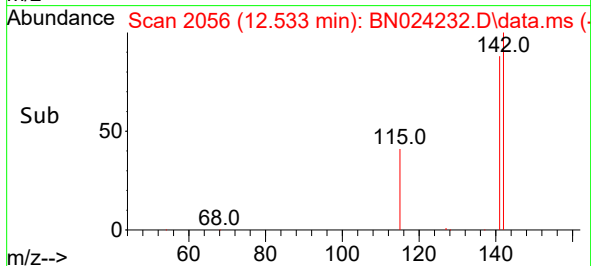
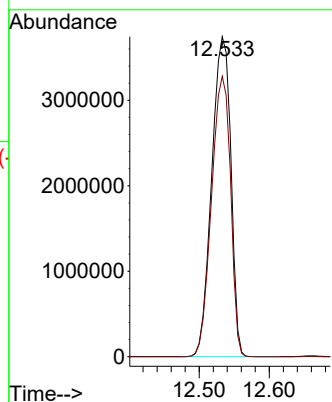
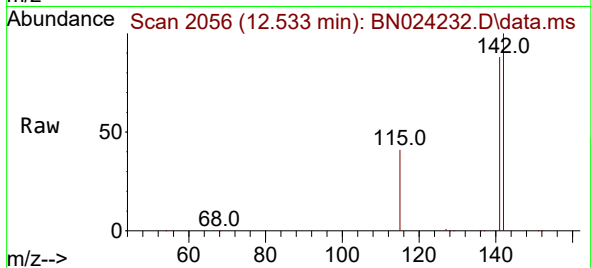
DCAC3RE

Tgt Ion:142 Resp: 7071827

Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5



#8

1-Methylnaphthalene

Concen: 139.141 ng/ul

RT: 12.753 min Scan# 2096

Delta R.T. 0.011 min

Lab File: BN024232.D

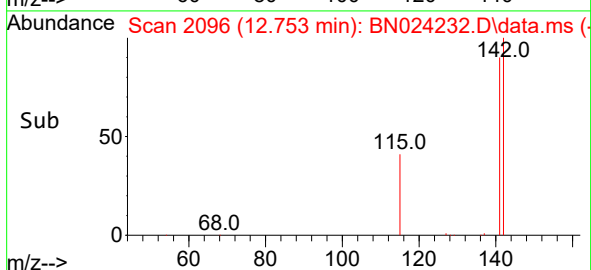
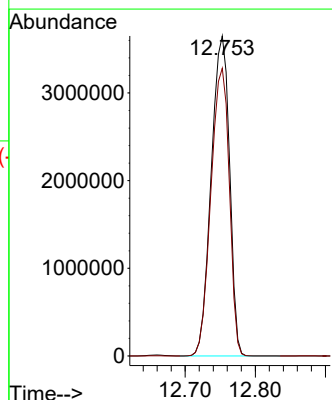
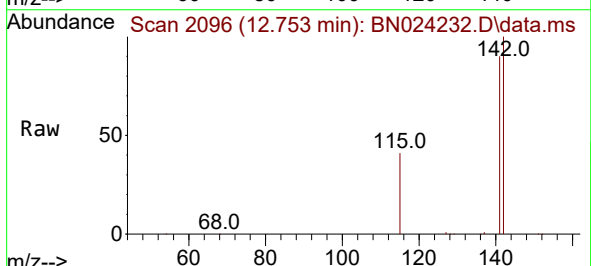
Acq: 10 Mar 2023 12:08

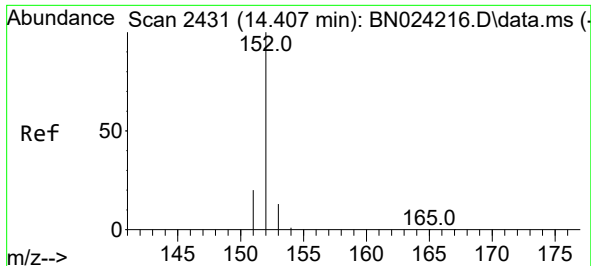
Tgt Ion:142 Resp: 6628775

Ion Ratio Lower Upper

142 100

141 90.2 73.0 109.6

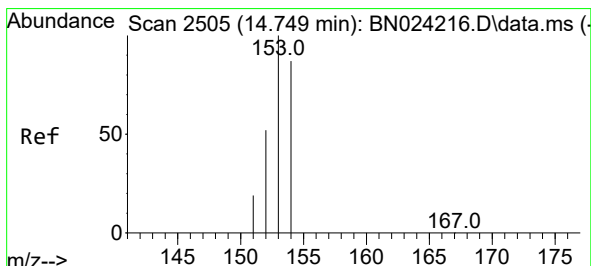
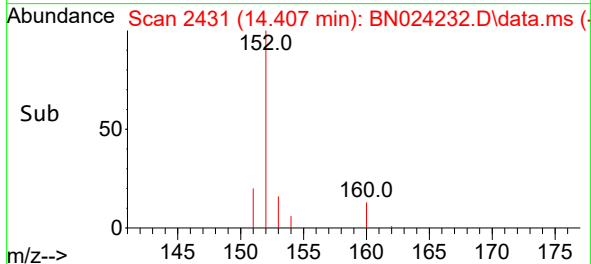
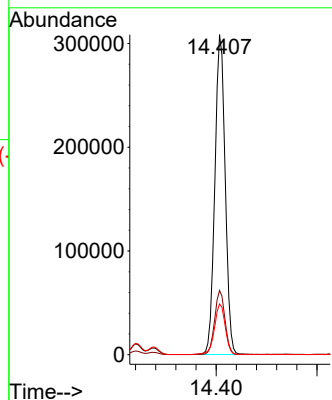
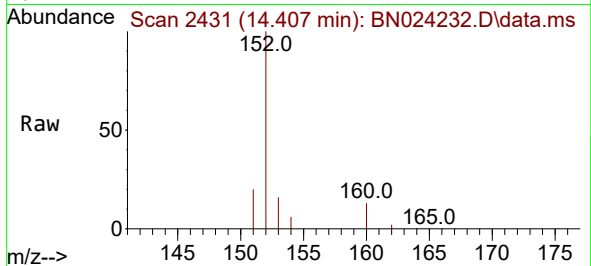




#10
Acenaphthylene
Concen: 4.490 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

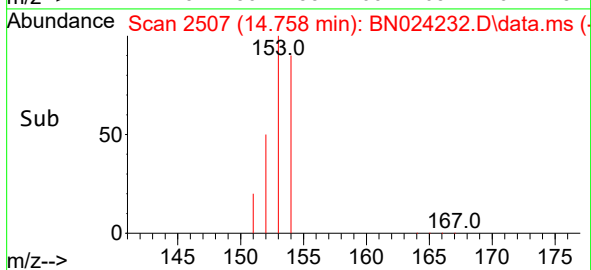
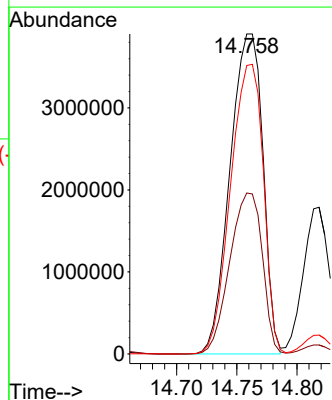
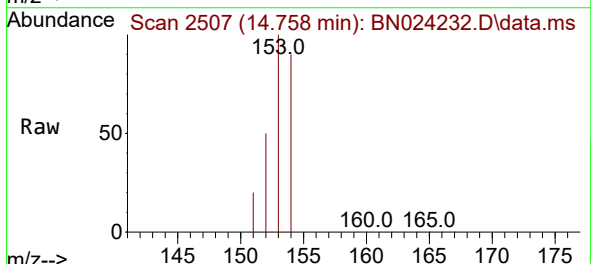
Instrument :
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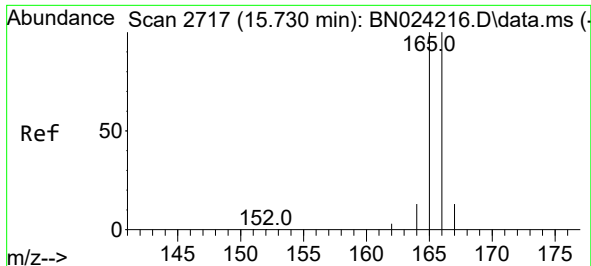
Tgt Ion:152 Resp: 437680
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 15.8 10.6 16.0



#11
Acenaphthene
Concen: 98.917 ng/ul
RT: 14.758 min Scan# 2507
Delta R.T. 0.009 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

Tgt Ion:153 Resp: 7428297
Ion Ratio Lower Upper
153 100
152 50.3 42.6 64.0
154 90.2 70.6 105.8

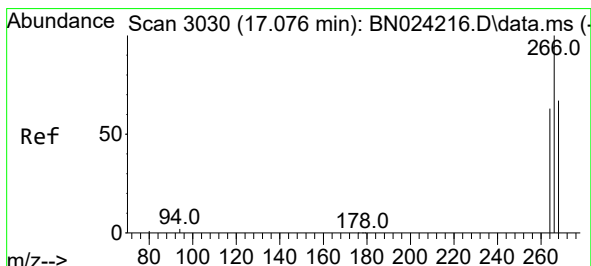
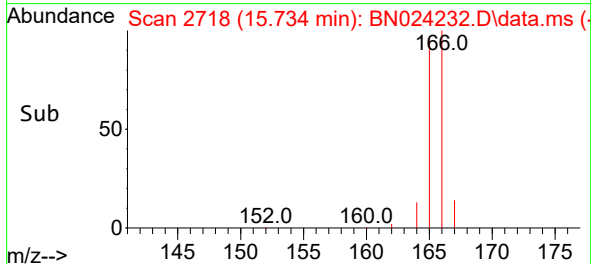
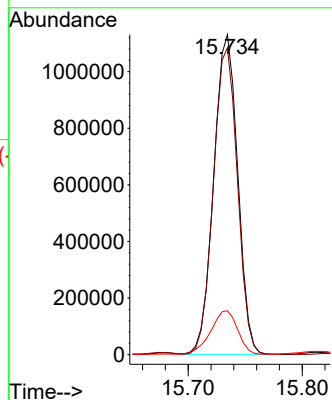
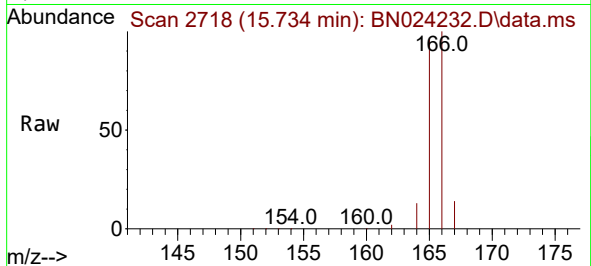




#12
 Fluorene
 Concen: 19.635 ng/ul
 RT: 15.734 min Scan# 2717
 Delta R.T. 0.005 min
 Lab File: BN024232.D
 Acq: 10 Mar 2023 12:08

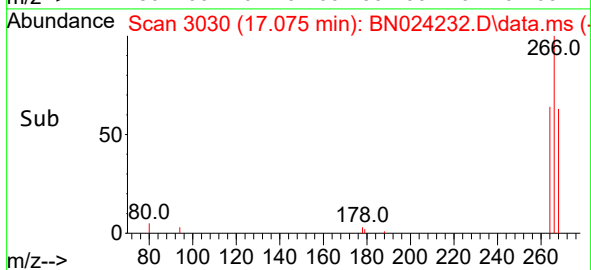
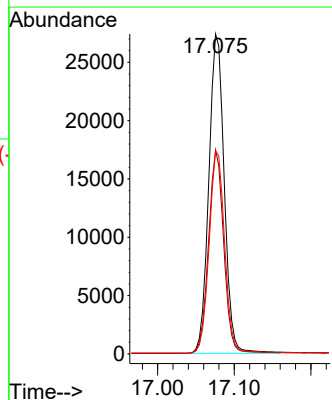
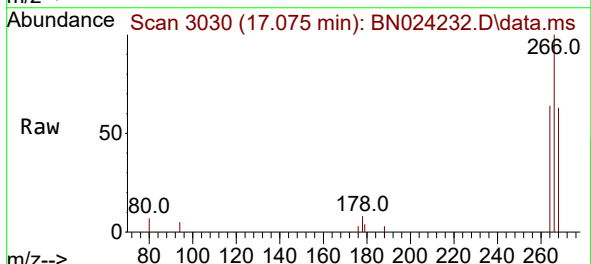
Instrument :
 BNA_N
 ClientSampleId :
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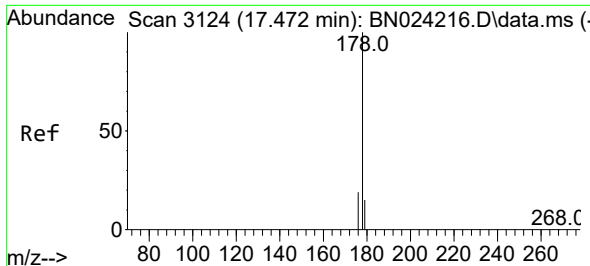
Tgt Ion:166 Resp: 1646586
 Ion Ratio Lower Upper
 166 100
 165 95.9 77.4 116.0
 167 13.8 10.9 16.3



#14
 Pentachlorophenol
 Concen: 4.048 ng/ul
 RT: 17.075 min Scan# 3030
 Delta R.T. -0.000 min
 Lab File: BN024232.D
 Acq: 10 Mar 2023 12:08

Tgt Ion:266 Resp: 38353
 Ion Ratio Lower Upper
 266 100
 264 62.6 0.0 0.0#
 268 63.8 0.1 0.1#

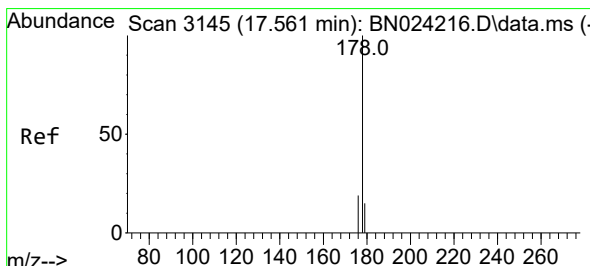
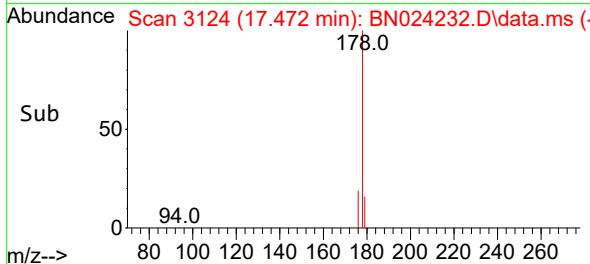
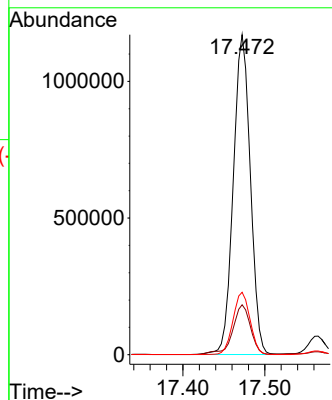
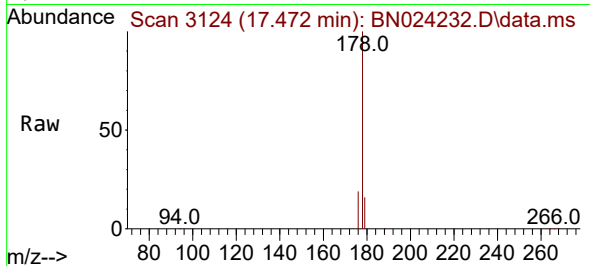




#15
Phenanthrene
Concen: 17.312 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

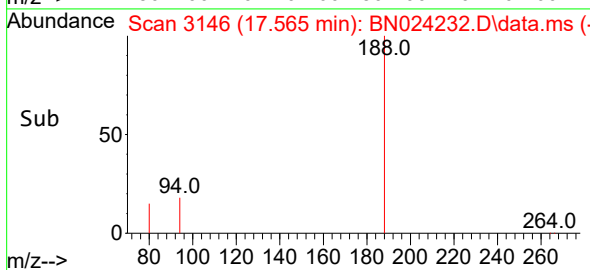
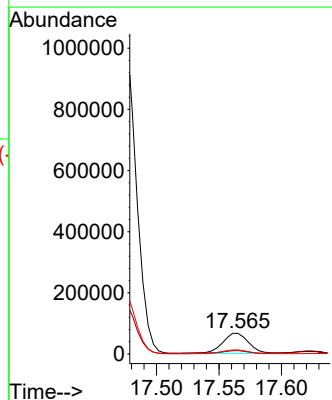
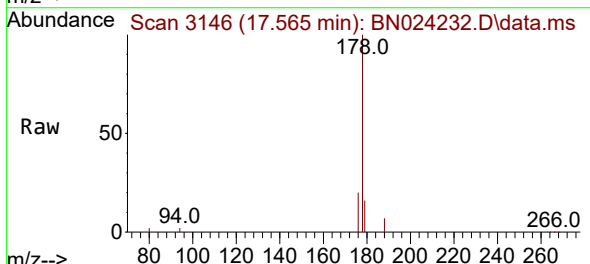
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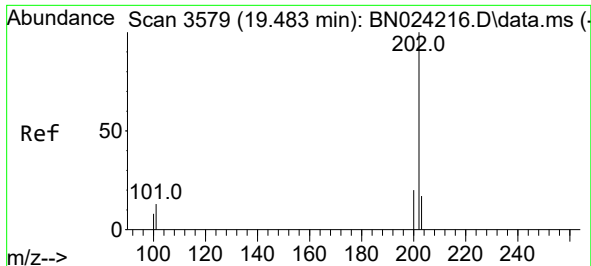
Tgt Ion:178 Resp: 1691585
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.5 15.7 23.5



#16
Anthracene
Concen: 1.096 ng/ul
RT: 17.565 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

Tgt Ion:178 Resp: 93947
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.6 15.3 22.9

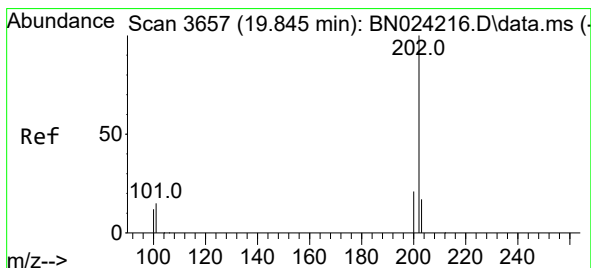
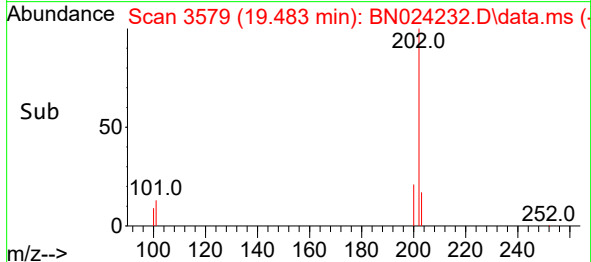
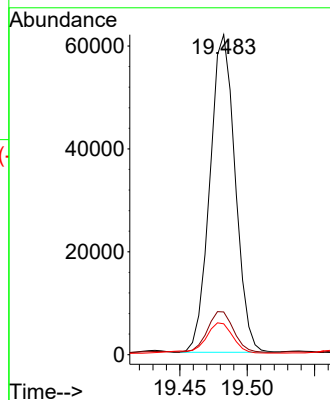
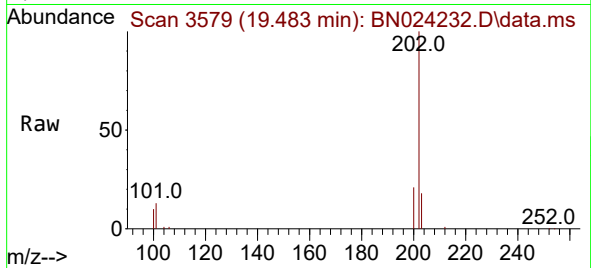




#19
Fluoranthene
Concen: 0.847 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. -0.000 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

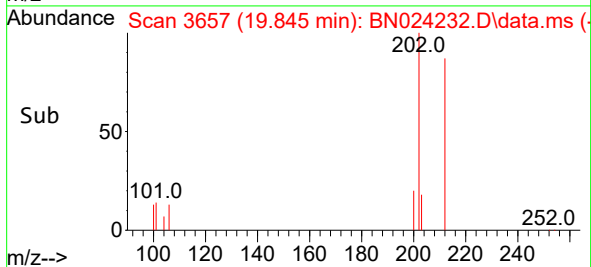
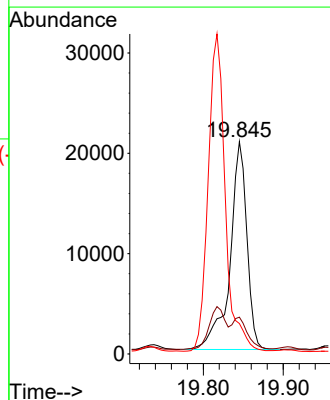
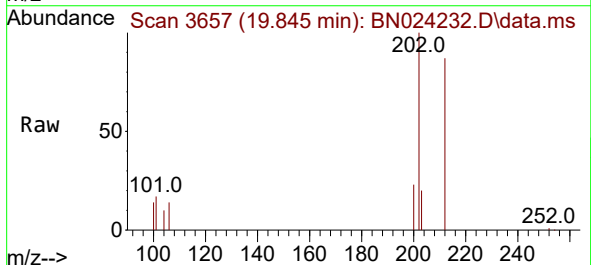
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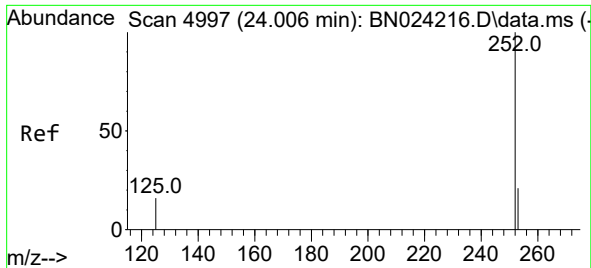
Tgt Ion:202 Resp: 80473
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 9.7 7.7 11.5



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. -0.000 min
Lab File: BN024232.D
Acq: 10 Mar 2023 12:08

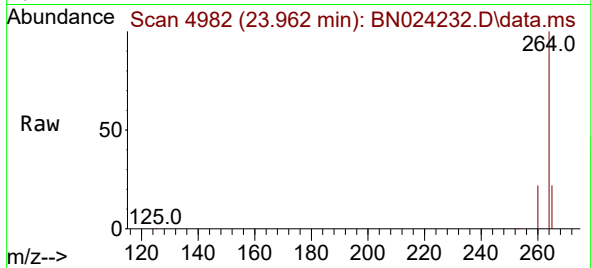
Tgt Ion:202 Resp: 30434
Ion Ratio Lower Upper
202 100
101 17.4 12.1 18.1
100 14.3 9.4 14.0#





#26
 Benzo(a)pyrene
 Concen: 0.101 ng/ul
 RT: 23.962 min Scan# 4997
 Delta R.T. -0.044 min
 Lab File: BN024232.D
 Acq: 10 Mar 2023 12:08

Instrument :
 BNA_N
 ClientSampleId :
 DCAC3RE



Tgt Ion:252 Resp: 6928
 Ion Ratio Lower Upper
 252 100
 253 38.6 19.2 28.8#
 125 36.3 15.8 23.6#

