

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024417.D
 Acq On : 20 Mar 2023 18:25
 Operator : CG/JU
 Sample : 01884-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB925

Quant Time: Mar 21 02:15:56 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)

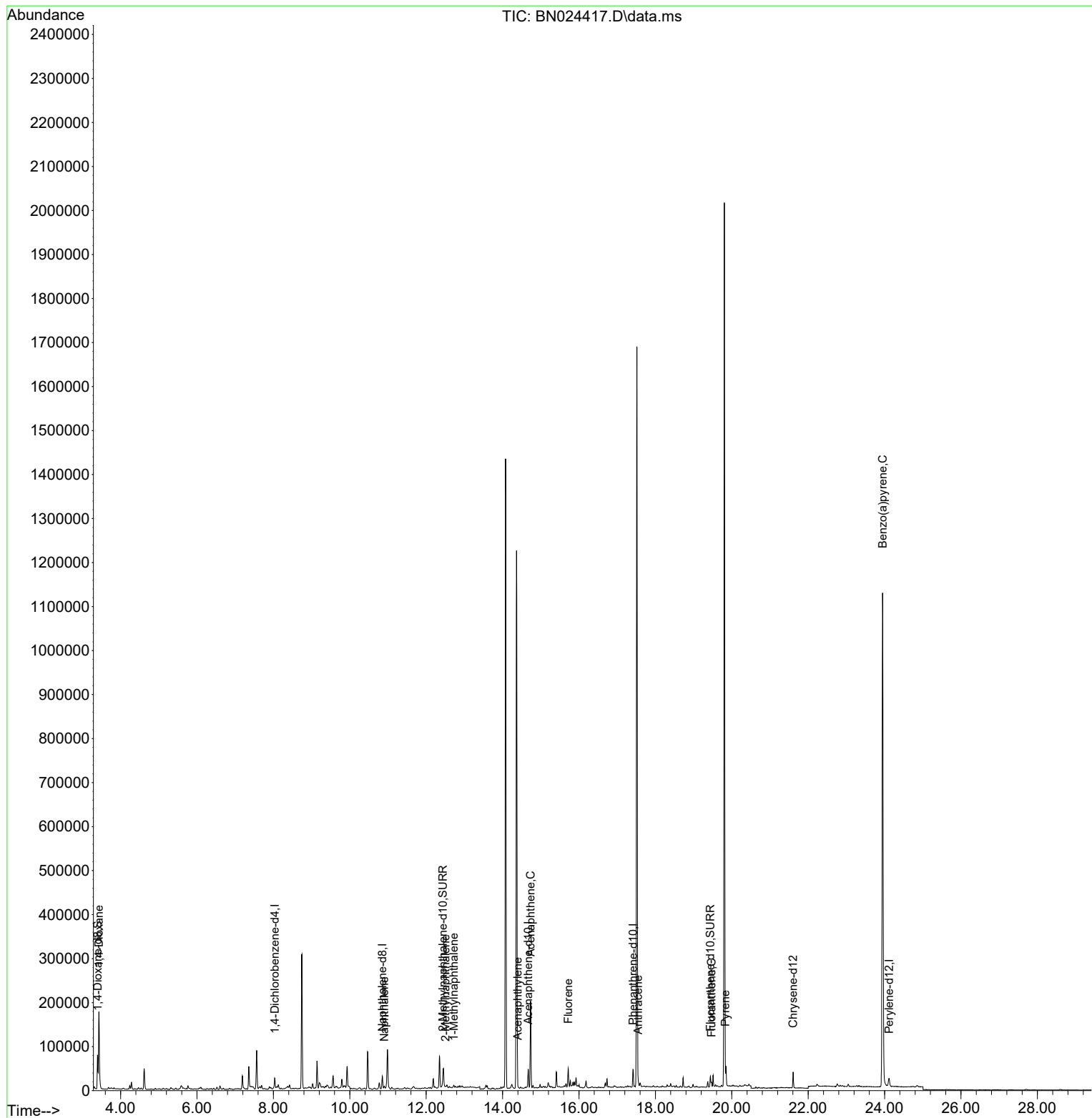
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	11585	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	36725	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	22912	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	44611	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.606	240	34024	0.400	ng/ul	# 0.00
23) Perylene-d12	24.114	264	24374	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	50280	3.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	11114	0.255	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	23662	0.261	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	121961	8.794	ng/ul#	87
5) Naphthalene	10.900	128	5859	0.064	ng/ul#	75
7) 2-Methylnaphthalene	12.506	142	1621	0.029	ng/ul#	5
8) 1-Methylnaphthalene	12.725	142	2538	0.043	ng/ul	90
10) Acenaphthylene	14.397	152	3513	0.037	ng/ul#	18
11) Acenaphthene	14.731	153	115064	1.562	ng/ul	98
12) Fluorene	15.716	166	25588	0.311	ng/ul#	95
16) Anthracene	17.548	178	9373	0.084	ng/ul#	50
19) Fluoranthene	19.469	202	7818	0.058	ng/ul#	47
20) Pyrene	19.831	202	5632	0.041	ng/ul#	1
26) Benzo(a)pyrene	23.948	252	6197	0.077	ng/ul#	17

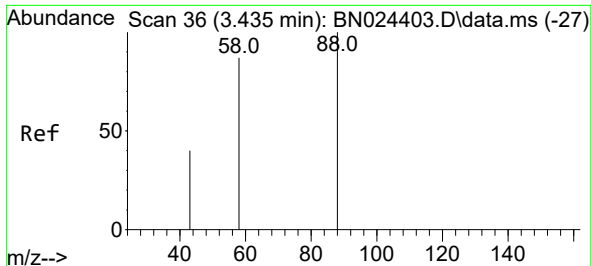
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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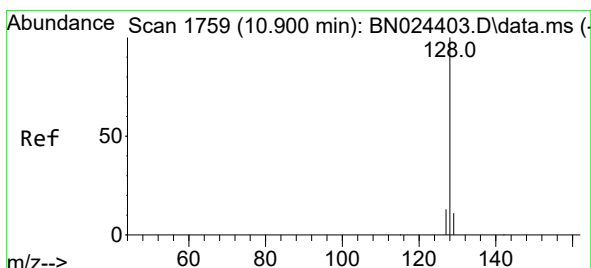
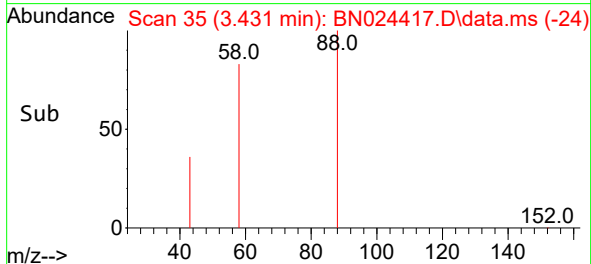
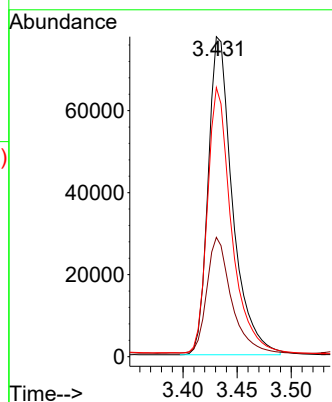
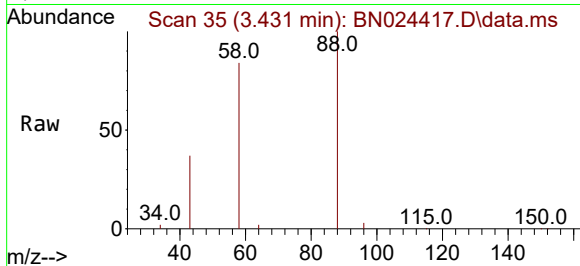




#2
 1,4-Dioxane
 Concen: 8.794 ng/ul
 RT: 3.431 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN024417.D
 Acq: 20 Mar 2023 18:25

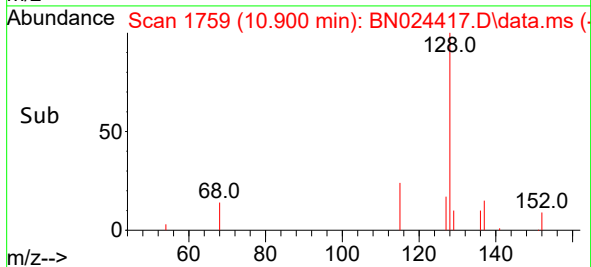
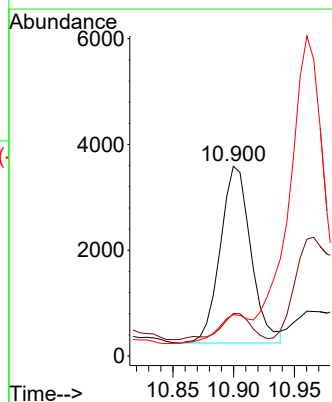
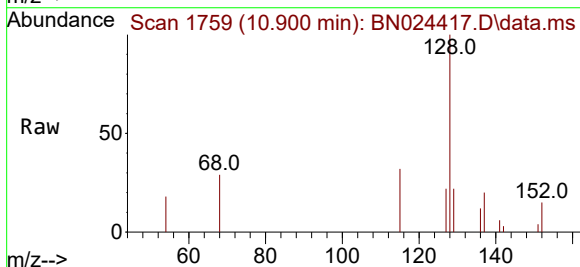
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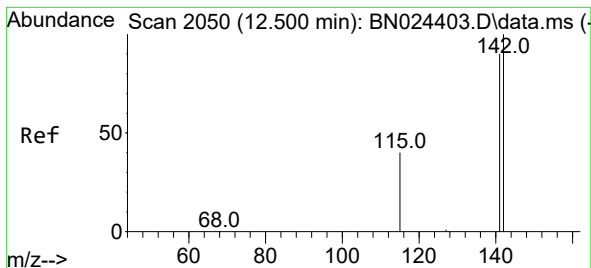
Tgt Ion: 88 Resp: 121961
 Ion Ratio Lower Upper
 88 100
 43 37.3 32.1 48.1
 58 84.1 55.1 82.7#



#5
 Naphthalene
 Concen: 0.064 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN024417.D
 Acq: 20 Mar 2023 18:25

Tgt Ion:128 Resp: 5859
 Ion Ratio Lower Upper
 128 100
 129 22.3 9.0 13.6#
 127 21.8 10.5 15.7#

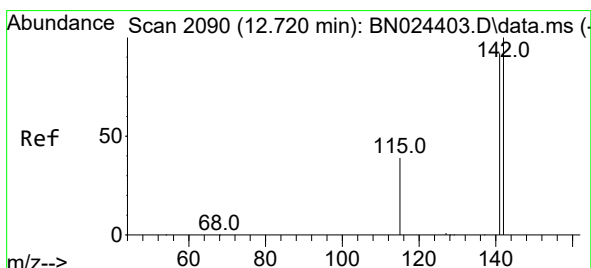
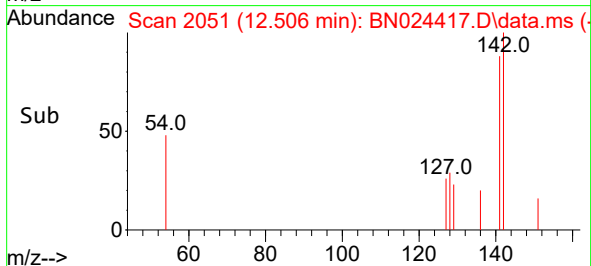
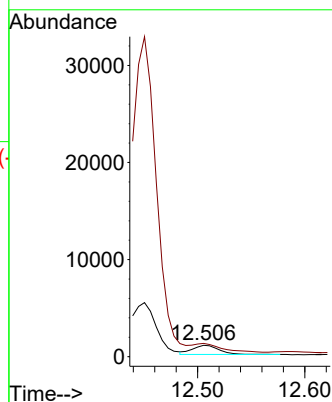
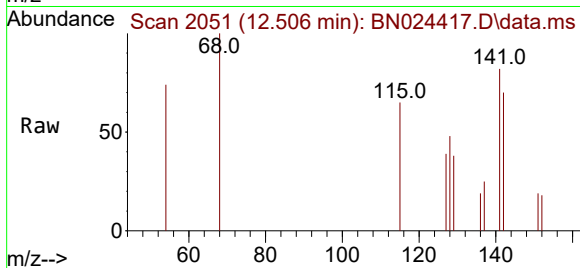




#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. 0.005 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

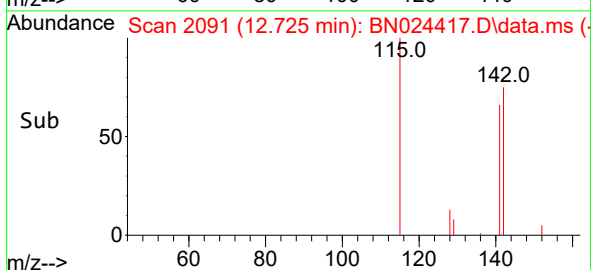
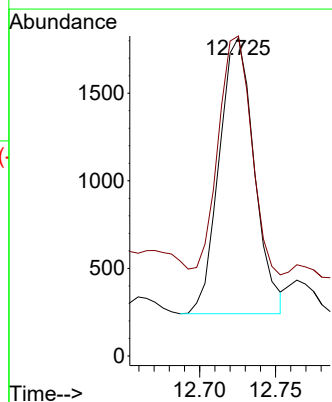
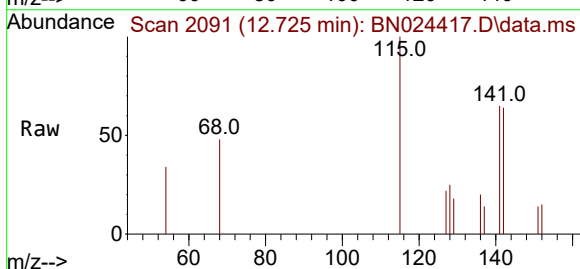
Instrument :
BNA_N
ClientSampleId :
CB925

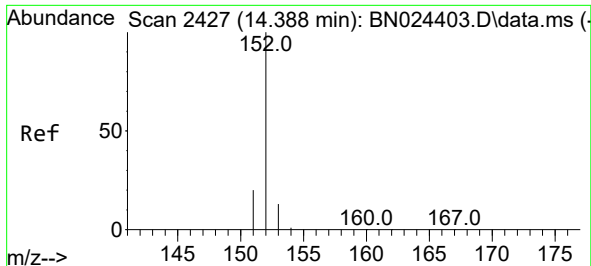
Tgt Ion:142 Resp: 1621
Ion Ratio Lower Upper
142 100
141 0.0 70.3 105.5#



#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.725 min Scan# 2091
Delta R.T. 0.005 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

Tgt Ion:142 Resp: 2538
Ion Ratio Lower Upper
142 100
141 81.7 73.0 109.6

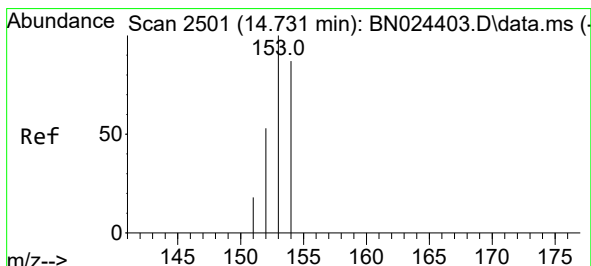
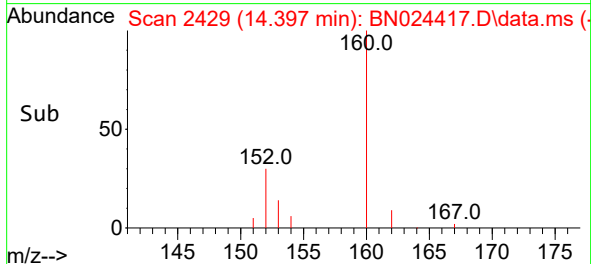
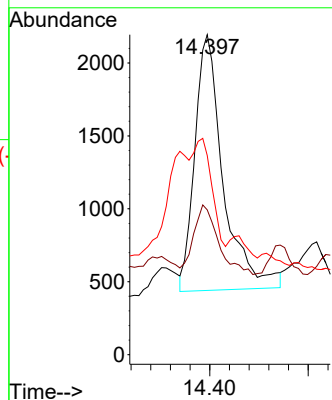
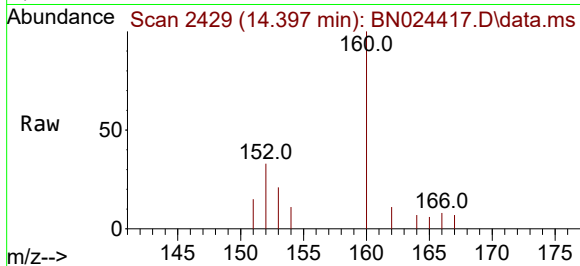




#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.397 min Scan# 2427
Delta R.T. 0.009 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

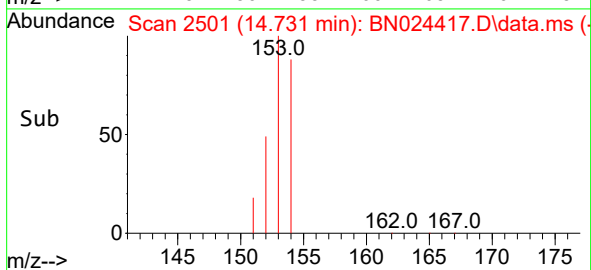
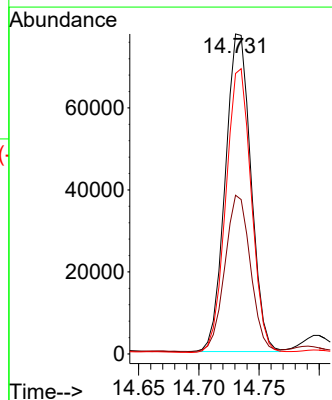
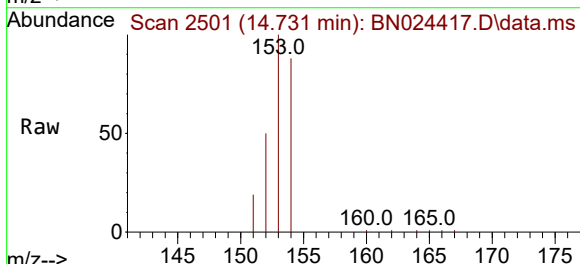
Instrument :
BNA_N
ClientSampleId :
CB925

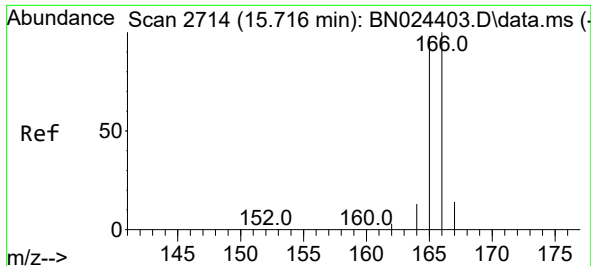
Tgt Ion:152 Resp: 3513
Ion Ratio Lower Upper
152 100
151 45.3 15.9 23.9#
153 62.3 10.6 16.0#



#11
Acenaphthene
Concen: 1.562 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

Tgt Ion:153 Resp: 115064
Ion Ratio Lower Upper
153 100
152 49.6 42.6 64.0
154 87.7 70.6 105.8

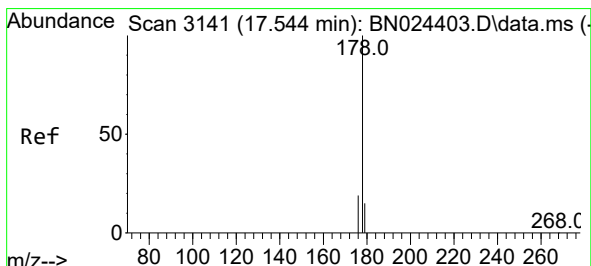
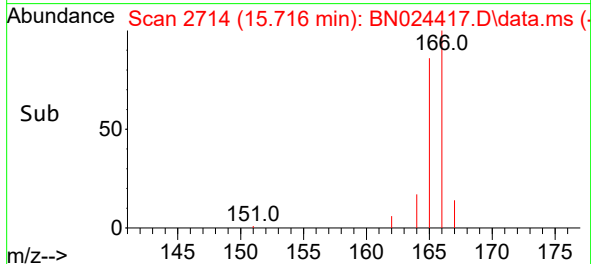
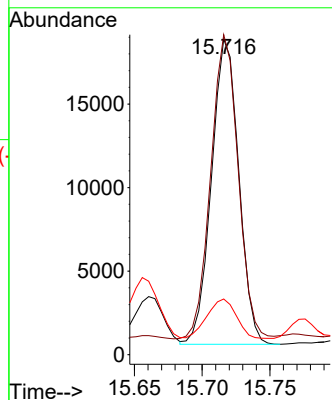
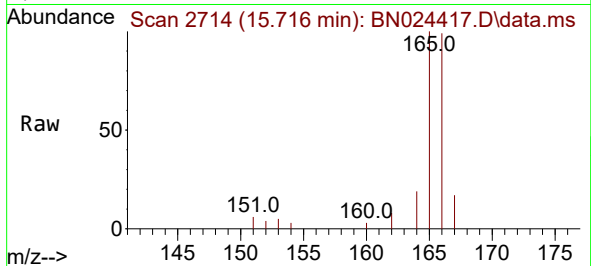




#12
Fluorene
Concen: 0.311 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

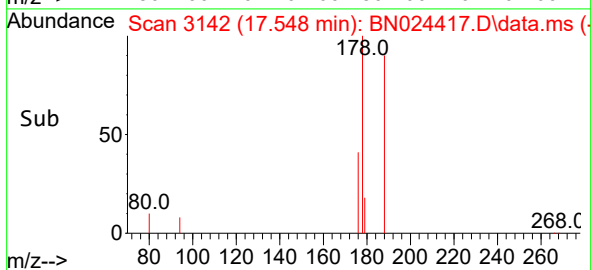
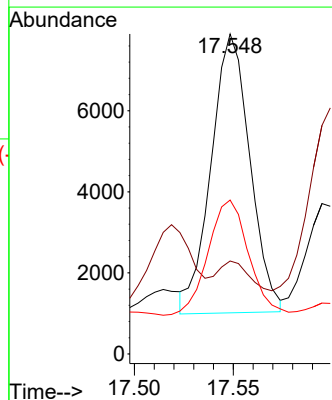
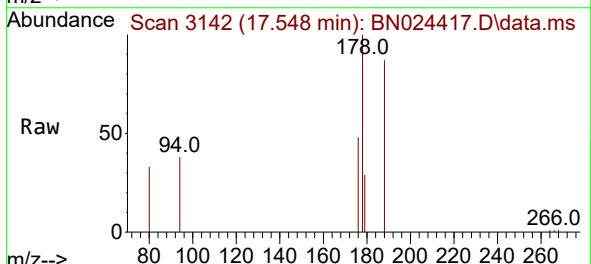
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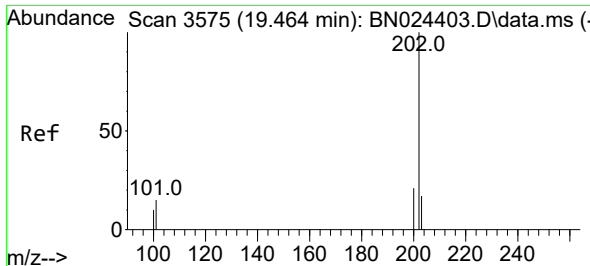
Tgt Ion:166 Resp: 25588
Ion Ratio Lower Upper
166 100
165 101.4 77.4 116.0
167 17.6 10.9 16.3#



#16
Anthracene
Concen: 0.084 ng/ul
RT: 17.548 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

Tgt Ion:178 Resp: 9373
Ion Ratio Lower Upper
178 100
179 29.1 12.3 18.5#
176 48.1 15.3 22.9#

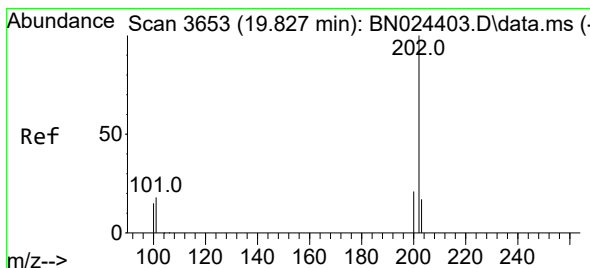
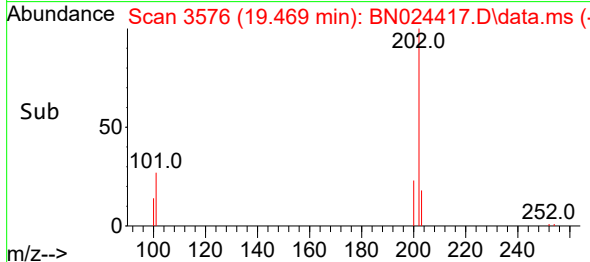
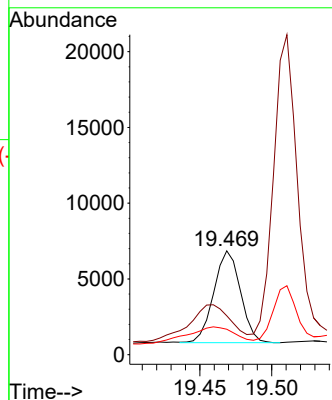
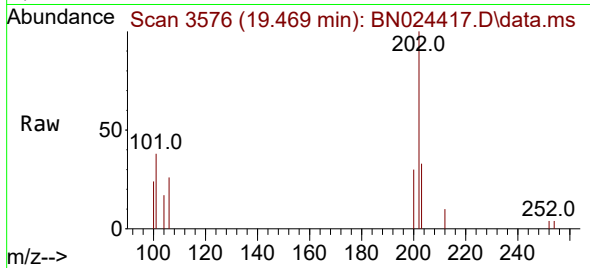




#19
Fluoranthene
Concen: 0.058 ng/ul
RT: 19.469 min Scan# 3575
Delta R.T. 0.005 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

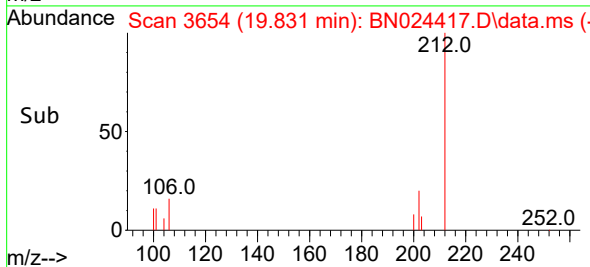
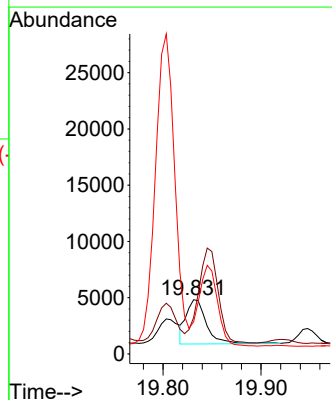
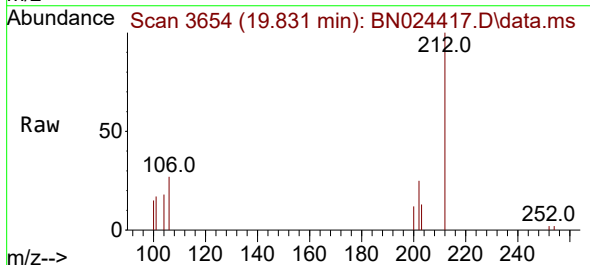
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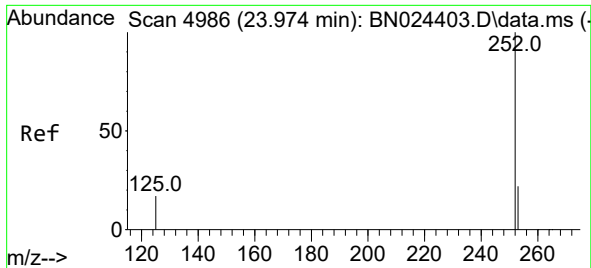
Tgt Ion:202 Resp: 7818
Ion Ratio Lower Upper
202 100
101 37.5 10.4 15.6#
100 24.5 7.7 11.5#



#20
Pyrene
Concen: 0.041 ng/ul
RT: 19.831 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

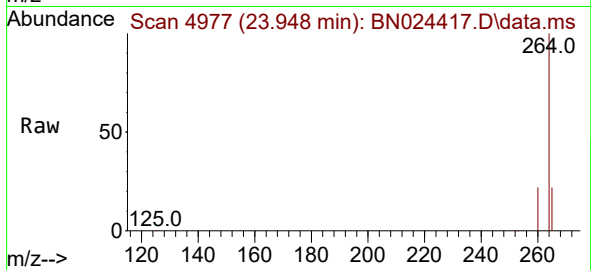
Tgt Ion:202 Resp: 5632
Ion Ratio Lower Upper
202 100
101 67.4 12.1 18.1#
100 59.3 9.4 14.0#





#26
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.948 min Scan# 49
Delta R.T. -0.026 min
Lab File: BN024417.D
Acq: 20 Mar 2023 18:25

Instrument :
BNA_N
ClientSampleId :
CB925



Tgt Ion:252 Resp: 6197
Ion Ratio Lower Upper
252 100
253 57.0 19.2 28.8#
125 66.6 15.8 23.6#

