

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024237.D
 Acq On : 10 Mar 2023 15:10
 Operator : CG/JU
 Sample : 01784-17DL 5X
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAD3DL

Quant Time: Mar 11 00:08:36 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)

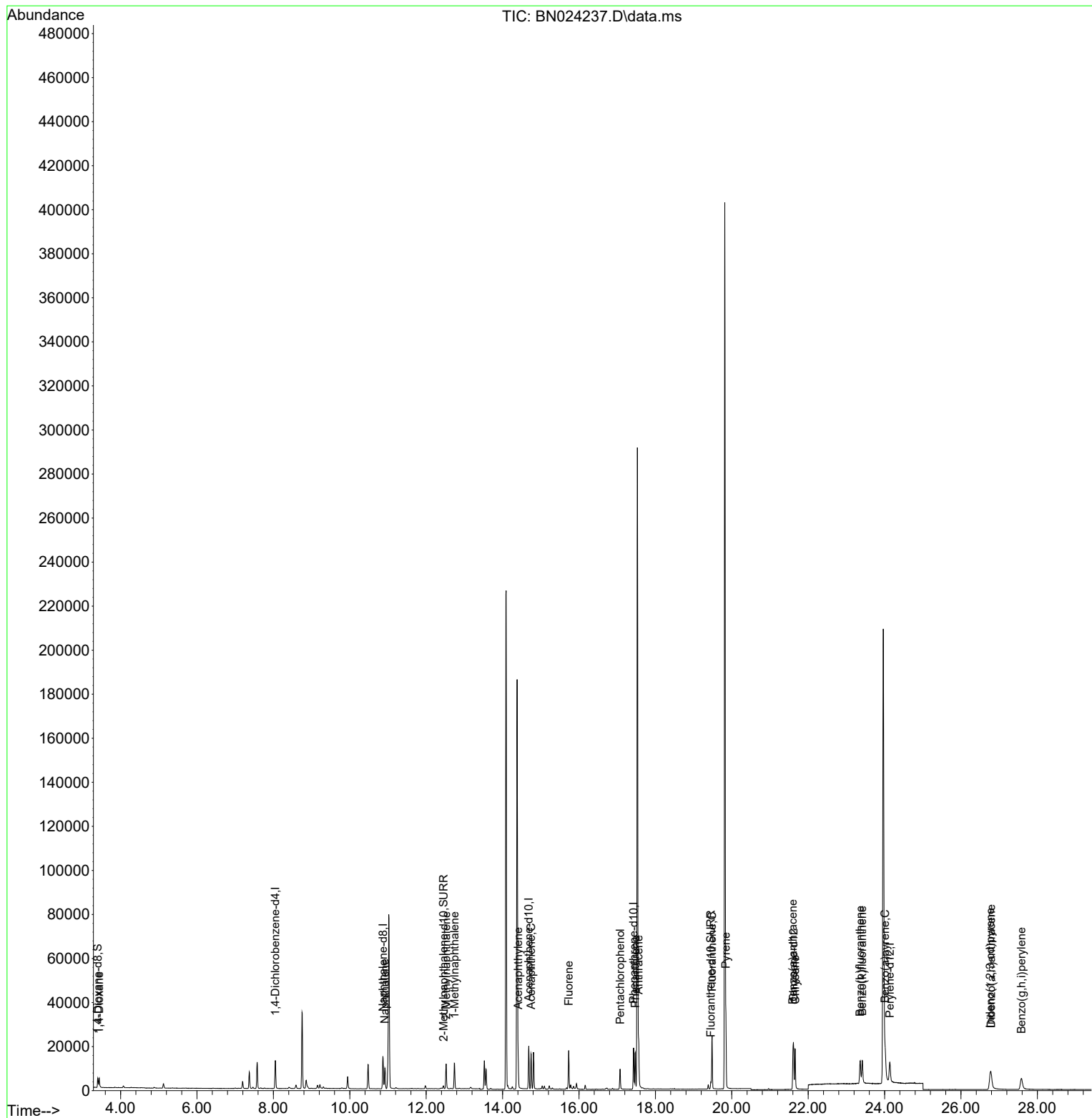
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18988	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	10380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	20998	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	16487	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	14342	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	2801	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	1515	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	3527	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	2805	0.366	ng/ul	96
5) Naphthalene	10.916	128	12759	0.269	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	7802	0.271	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	7984	0.264	ng/ul	100
10) Acenaphthylene	14.407	152	13635	0.315	ng/ul	99
11) Acenaphthene	14.744	153	9145	0.274	ng/ul	99
12) Fluorene	15.730	166	10942	0.294	ng/ul	98
14) Pentachlorophenol	17.076	266	5864	1.005	ng/ul#	73
15) Phenanthrene	17.472	178	17732	0.295	ng/ul	99
16) Anthracene	17.561	178	19553	0.371	ng/ul	99
19) Fluoranthene	19.483	202	19581	0.298	ng/ul	99
20) Pyrene	19.845	202	24181	0.363	ng/ul	99
21) Benzo(a)anthracene	21.600	228	15562	0.289	ng/ul	100
22) Chrysene	21.659	228	17584	0.309	ng/ul	99
24) Benzo(b)fluoranthene	23.360	252	16536	0.302	ng/ul	96
25) Benzo(k)fluoranthene	23.416	252	16734	0.294	ng/ul	96
26) Benzo(a)pyrene	24.015	252	15878	0.337	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.767	276	14998	0.283	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.787	278	10774	0.267	ng/ul	98
29) Benzo(g,h,i)perylene	27.582	276	14201	0.308	ng/ul	98

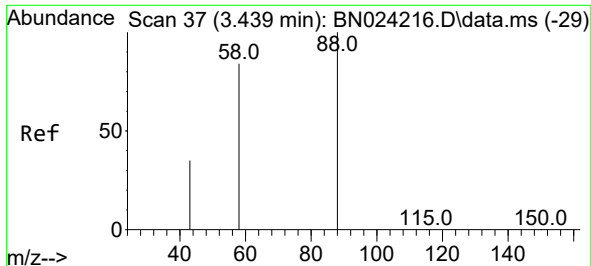
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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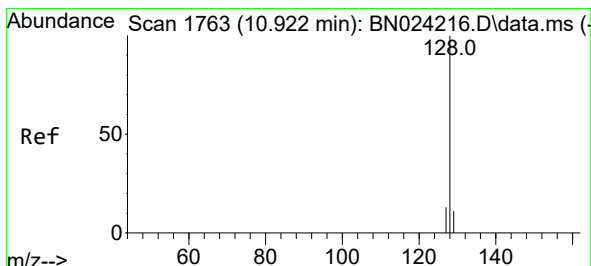
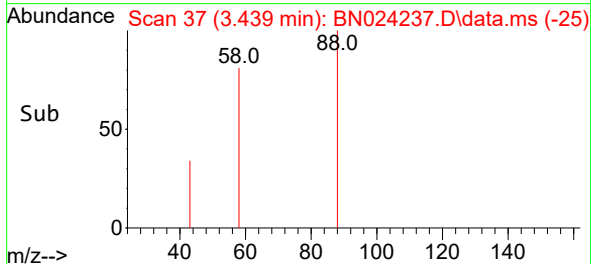
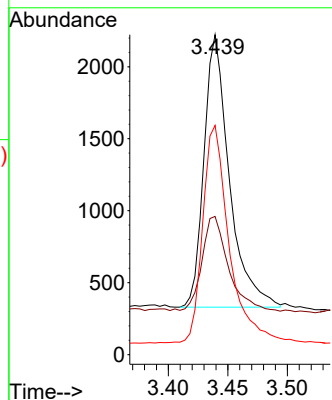
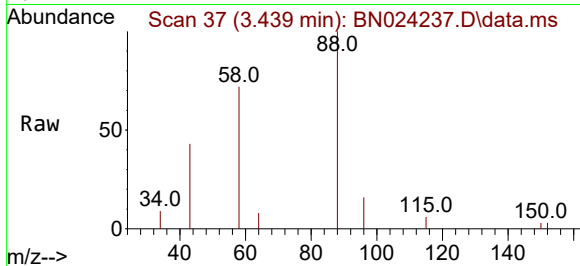




#2
 1,4-Dioxane
 Concen: 0.366 ng/ul
 RT: 3.439 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN024237.D
 Acq: 10 Mar 2023 15:10

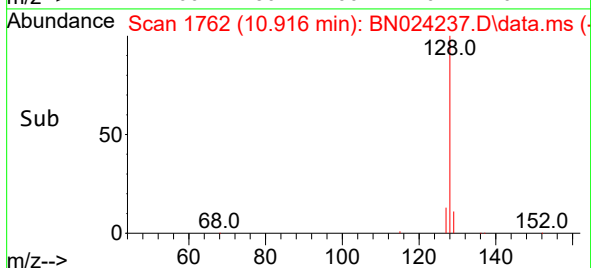
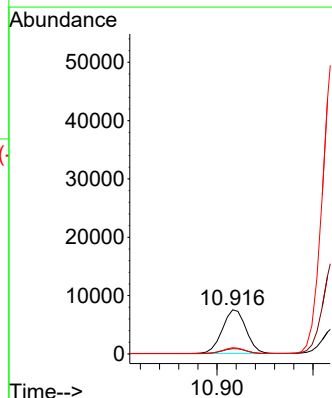
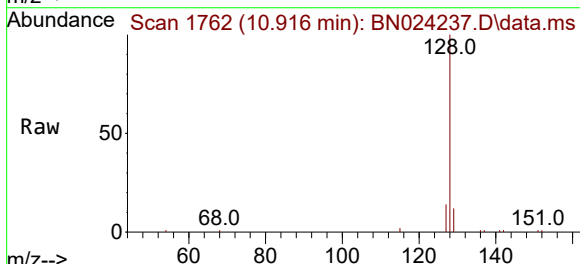
Instrument :
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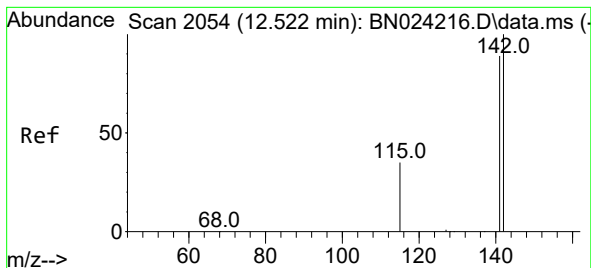
Tgt Ion: 88 Resp: 2805
 Ion Ratio Lower Upper
 88 100
 43 43.2 32.1 48.1
 58 71.7 55.1 82.7



#5
 Naphthalene
 Concen: 0.269 ng/ul
 RT: 10.916 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN024237.D
 Acq: 10 Mar 2023 15:10

Tgt Ion:128 Resp: 12759
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.6
 127 14.1 10.5 15.7

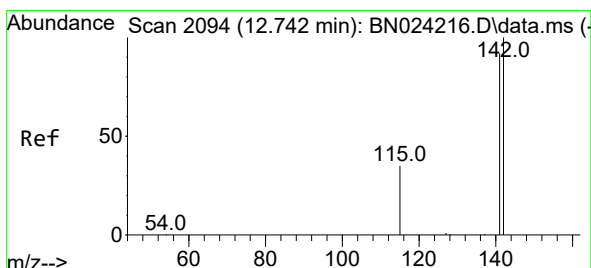
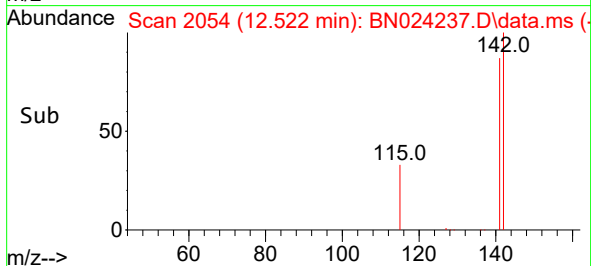
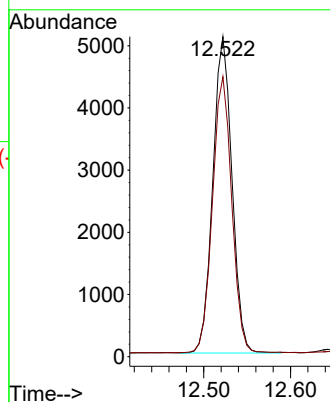
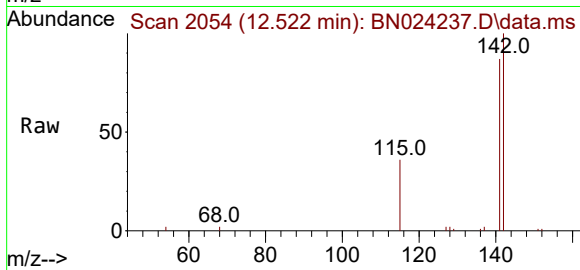




#7
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

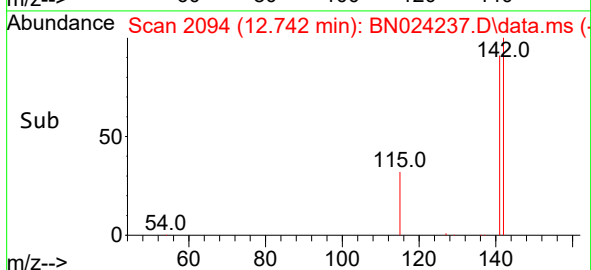
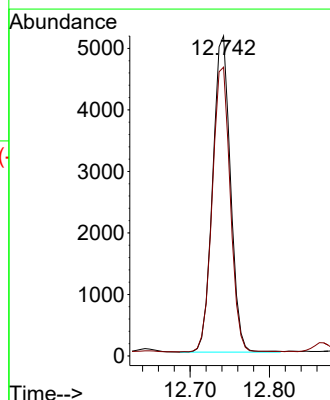
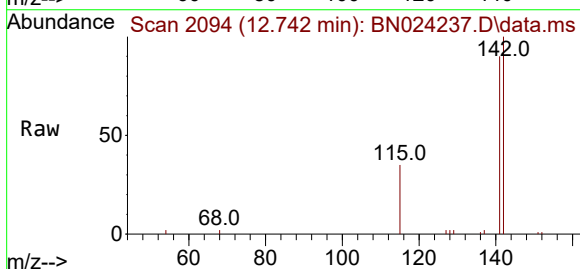
Instrument :
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ClientSampleId :
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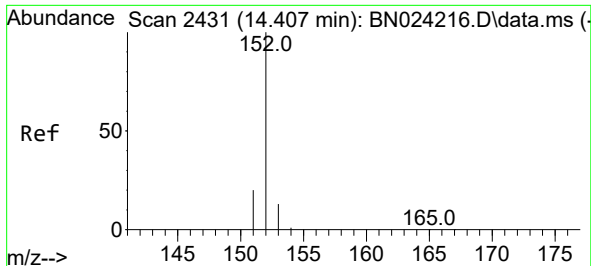
Tgt Ion:142 Resp: 7802
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:142 Resp: 7984
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6

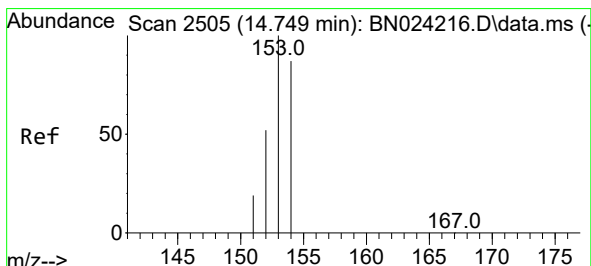
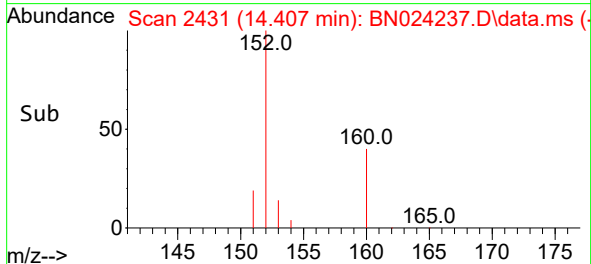
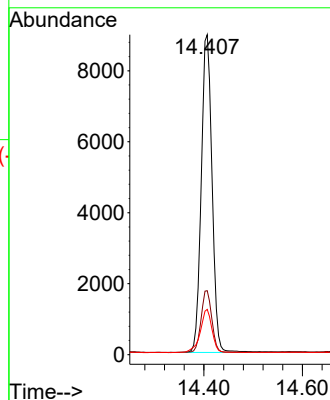
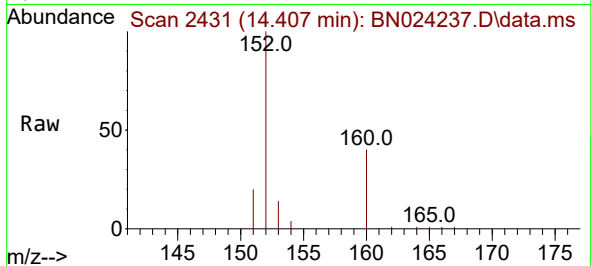




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

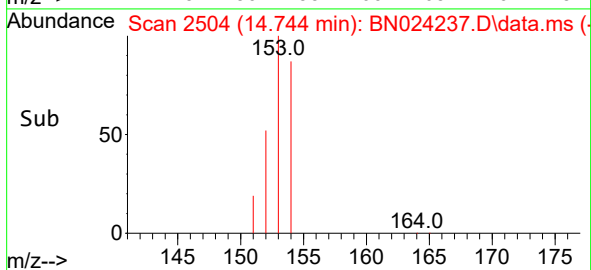
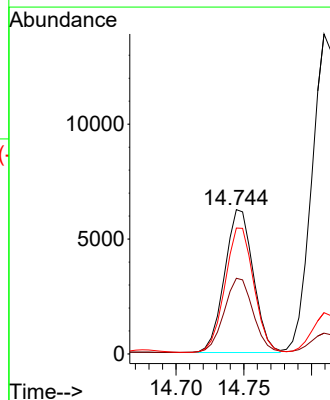
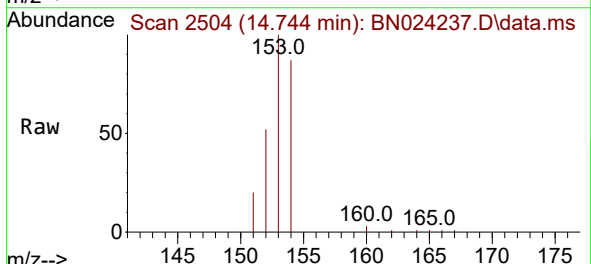
Instrument :
BNA_N
ClientSampleId :
DCAD3DL

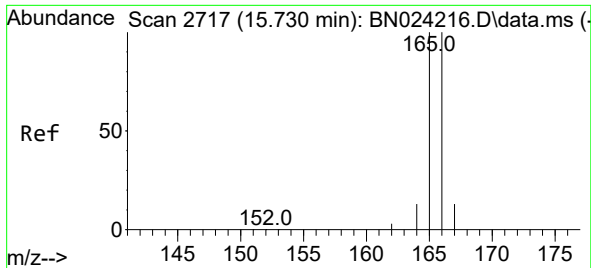
Tgt Ion:152 Resp: 13635
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.1 10.6 16.0



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.744 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:153 Resp: 9145
Ion Ratio Lower Upper
153 100
152 52.4 42.6 64.0
154 87.2 70.6 105.8

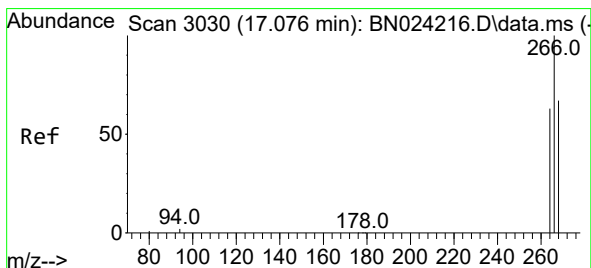
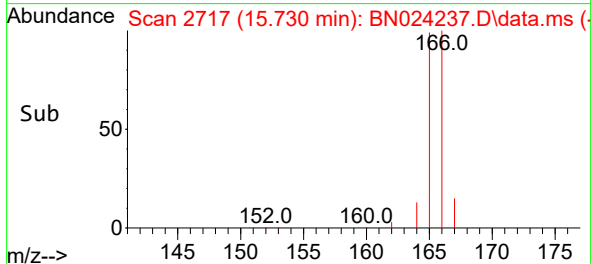
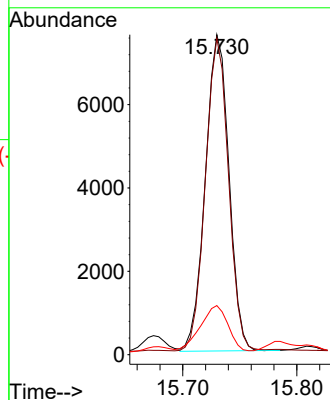
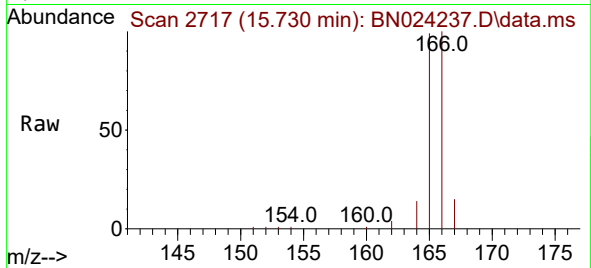




#12
Fluorene
Concen: 0.294 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

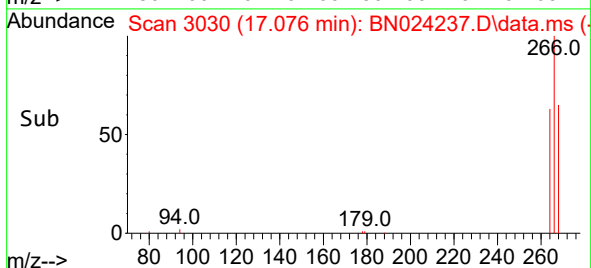
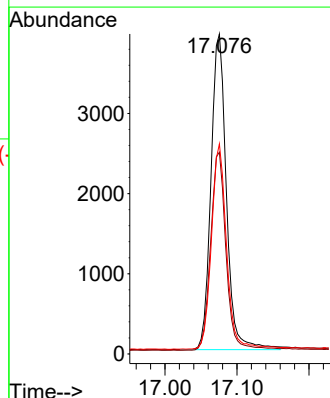
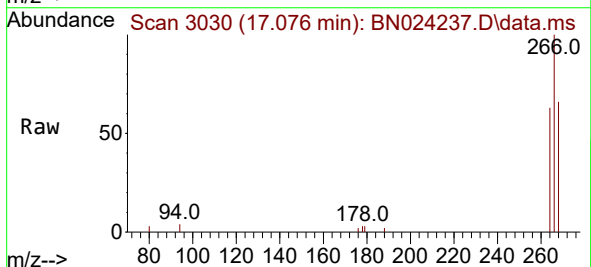
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BNA_N
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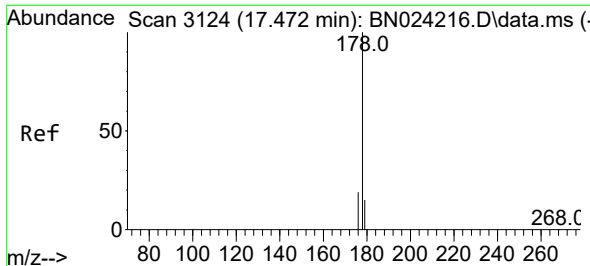
Tgt Ion:166 Resp: 10942
Ion Ratio Lower Upper
166 100
165 98.9 77.4 116.0
167 15.4 10.9 16.3



#14
Pentachlorophenol
Concen: 1.005 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:266 Resp: 5864
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.9 0.1 0.1#

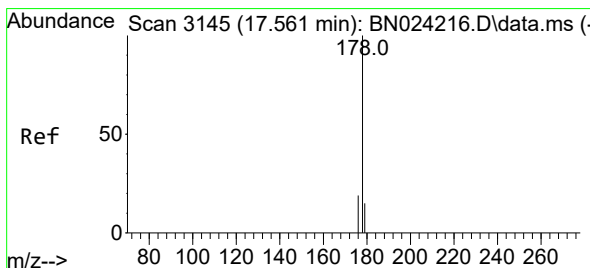
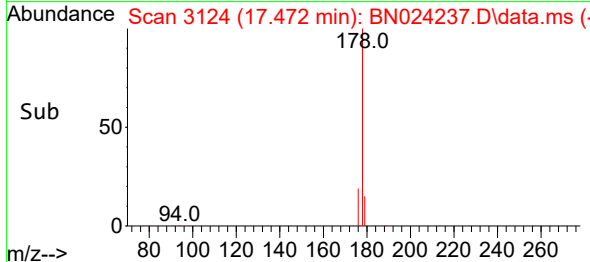
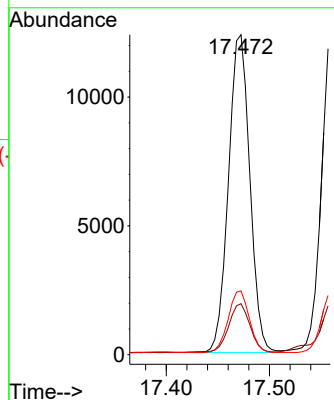
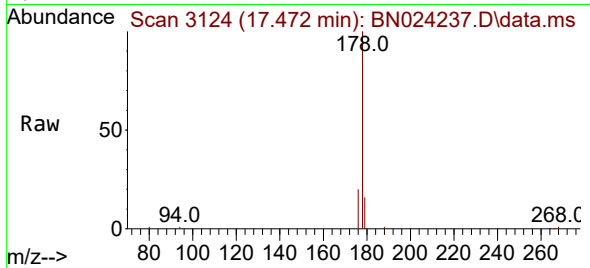




#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

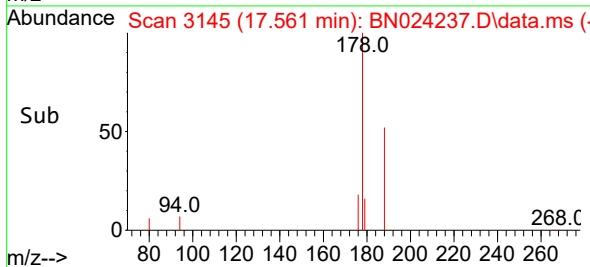
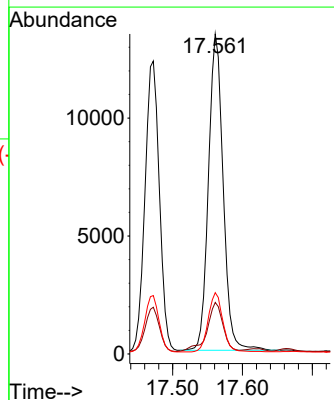
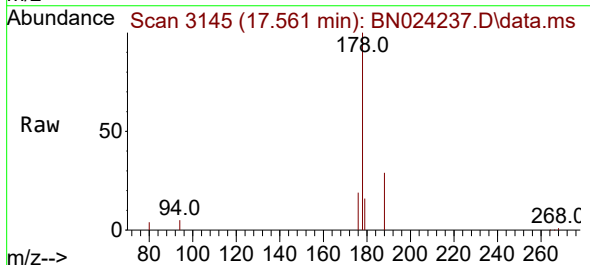
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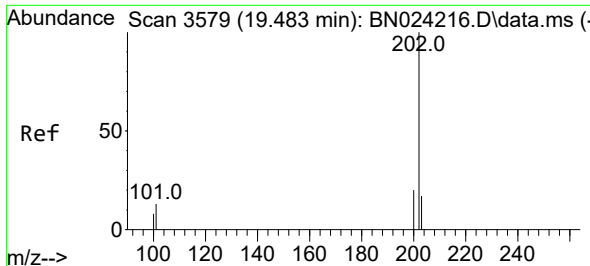
Tgt Ion:178 Resp: 17732
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 20.0 15.7 23.5



#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.561 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:178 Resp: 19553
Ion Ratio Lower Upper
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179 16.1 12.3 18.5
176 19.2 15.3 22.9

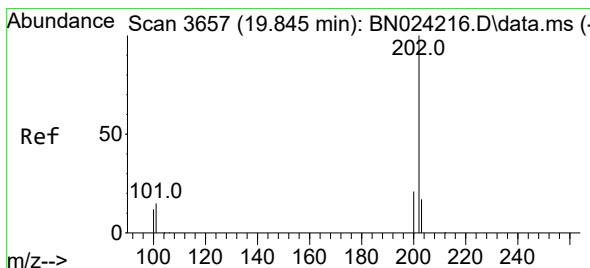
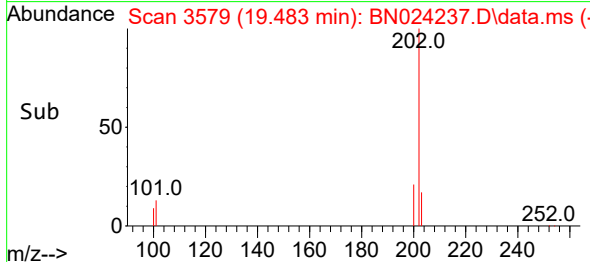
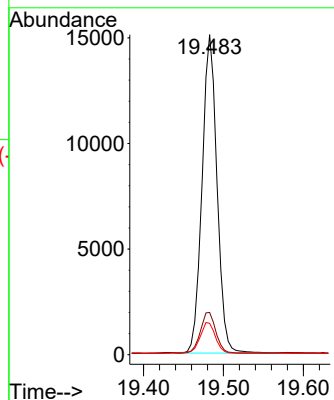
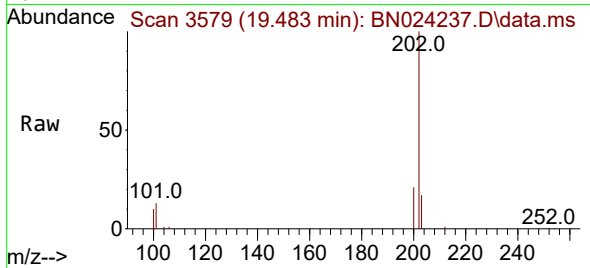




#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

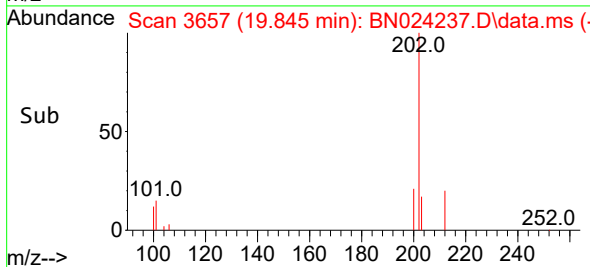
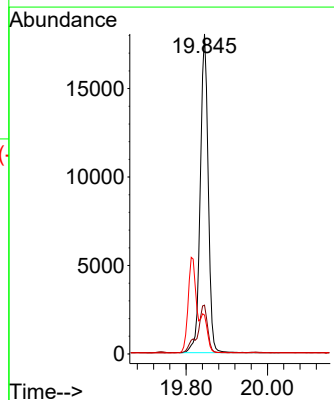
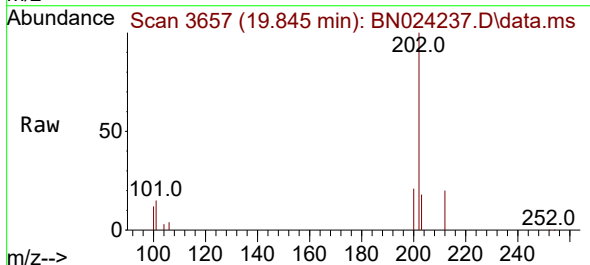
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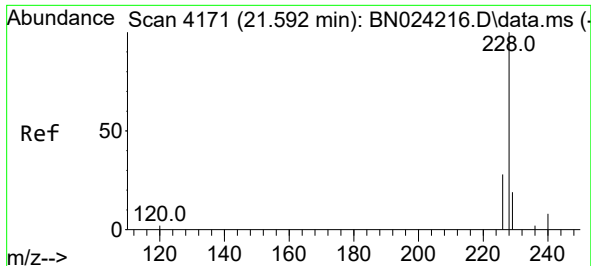
Tgt Ion:202 Resp: 19581
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.8 7.7 11.5



#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

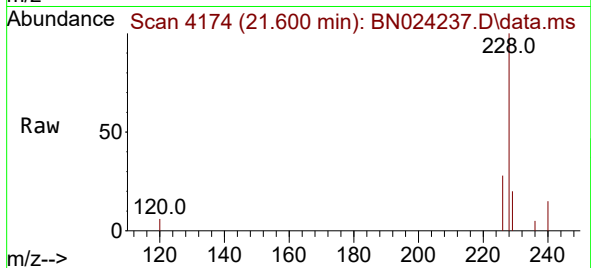
Tgt Ion:202 Resp: 24181
Ion Ratio Lower Upper
202 100
101 15.2 12.1 18.1
100 12.1 9.4 14.0



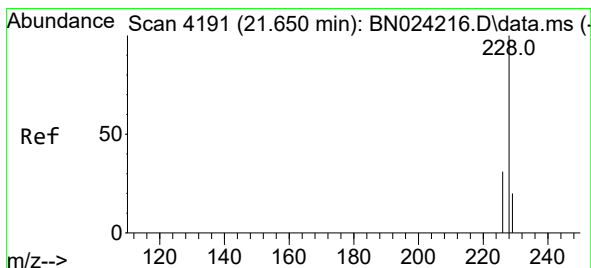
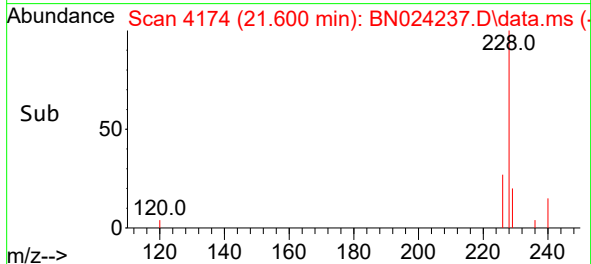
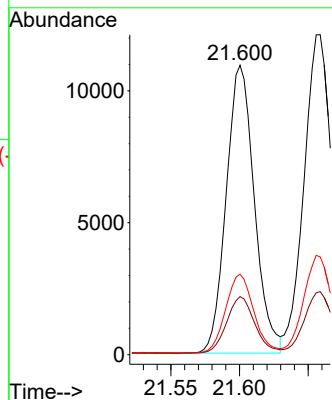


#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.600 min Scan# 4171
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Instrument :
BNA_N
ClientSampleId :
DCAD3DL

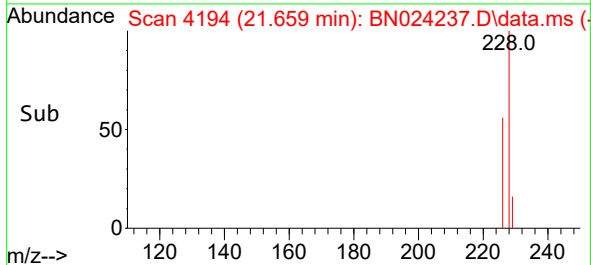
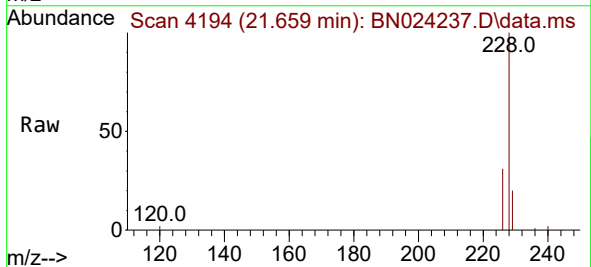
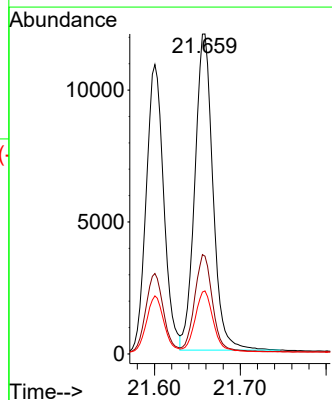


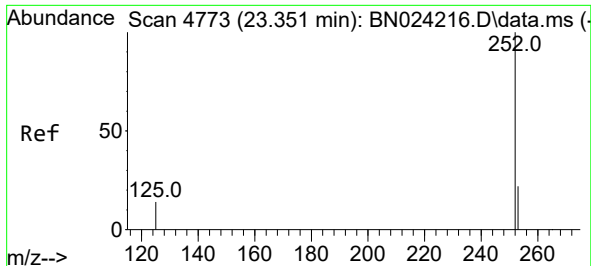
Tgt Ion:228 Resp: 15562
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.659 min Scan# 4194
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

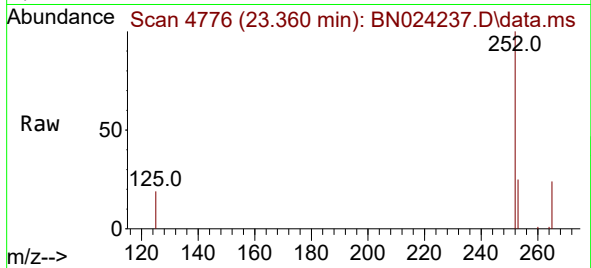
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Ion Ratio Lower Upper
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226 30.5 24.8 37.2
229 19.7 15.8 23.6



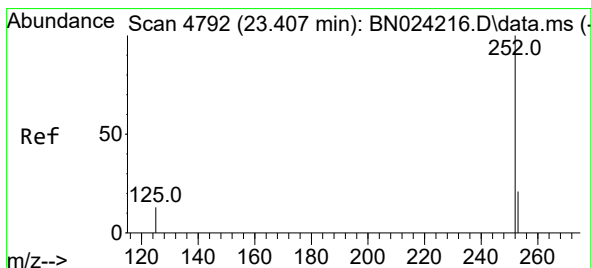
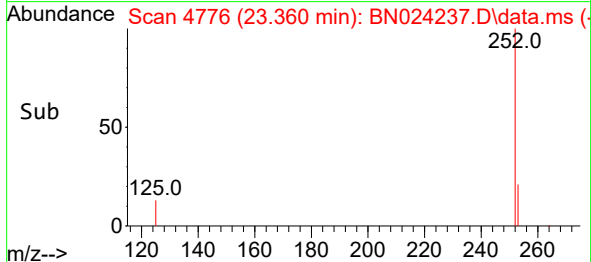
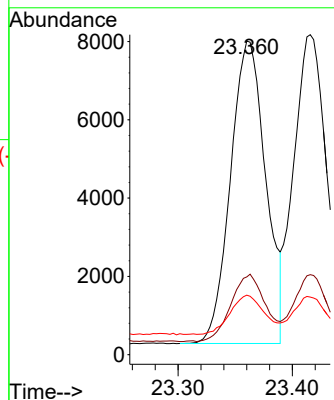


#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.360 min Scan# 4776
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Instrument :
BNA_N
ClientSampleId :
DCAD3DL

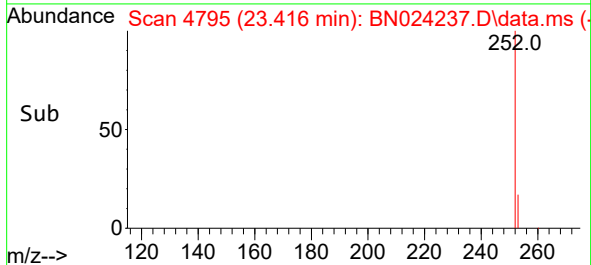
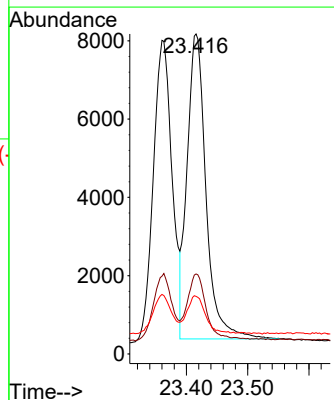
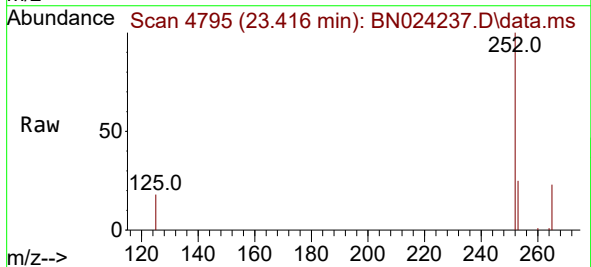


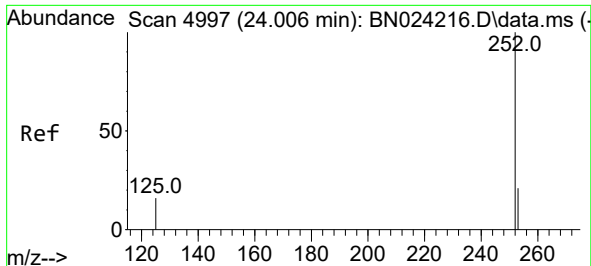
Tgt Ion:252 Resp: 16536
Ion Ratio Lower Upper
252 100
253 24.8 0.0 46.2
125 19.0 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 23.416 min Scan# 4795
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:252 Resp: 16734
Ion Ratio Lower Upper
252 100
253 25.0 18.5 27.7
125 18.0 13.2 19.8

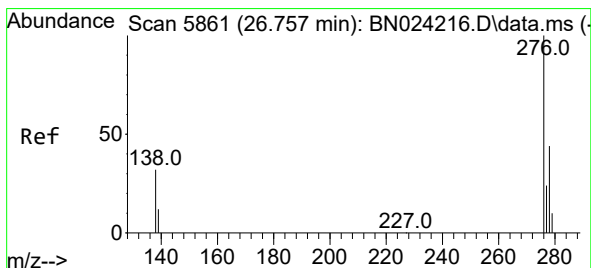
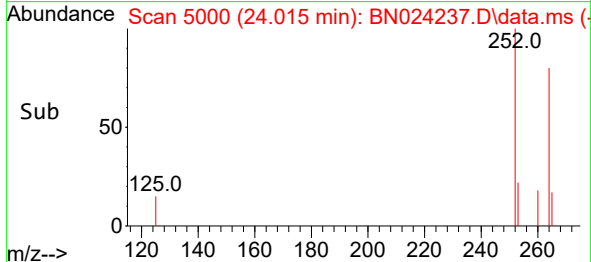
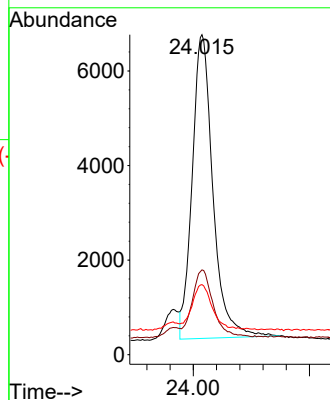
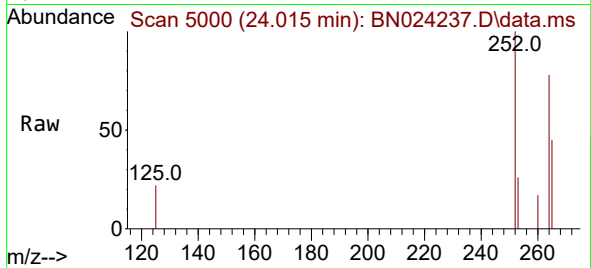




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 24.015 min Scan# 5000
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

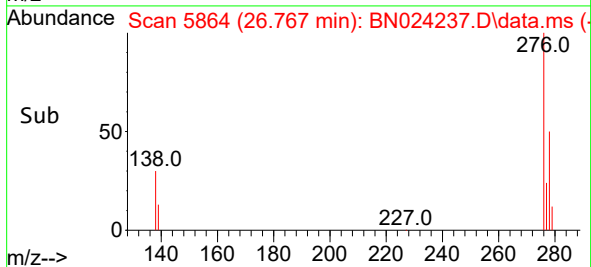
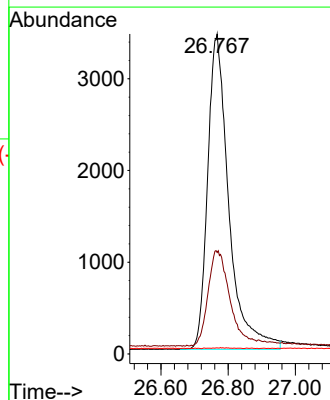
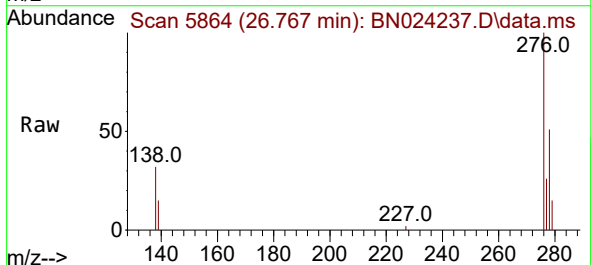
Instrument :
BNA_N
ClientSampleId :
DCAD3DL

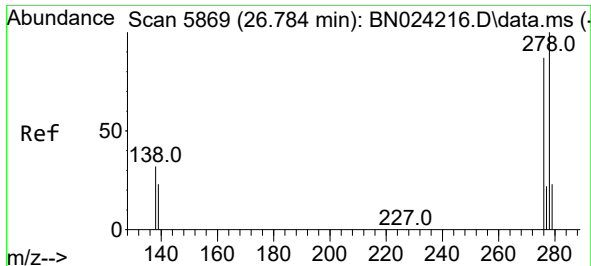
Tgt Ion:252 Resp: 15878
Ion Ratio Lower Upper
252 100
253 26.5 19.2 28.8
125 21.9 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.767 min Scan# 5864
Delta R.T. 0.010 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:276 Resp: 14998
Ion Ratio Lower Upper
276 100
138 32.3 0.0 0.0#
227 0.0 0.0 0.0#

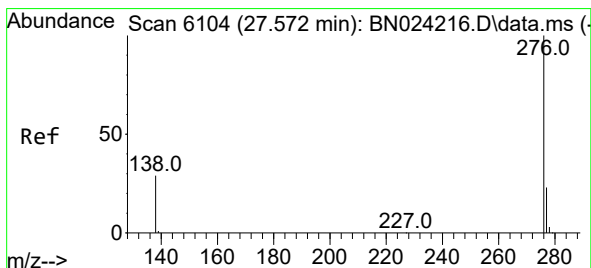
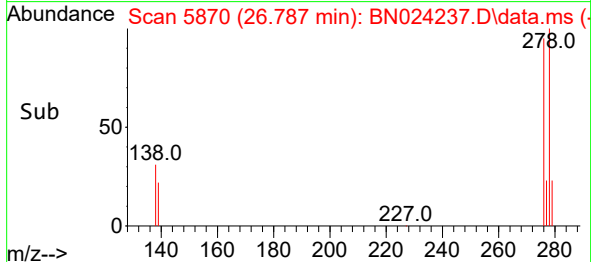
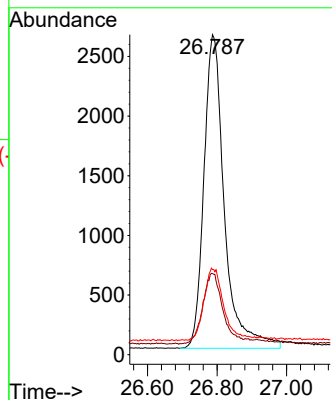
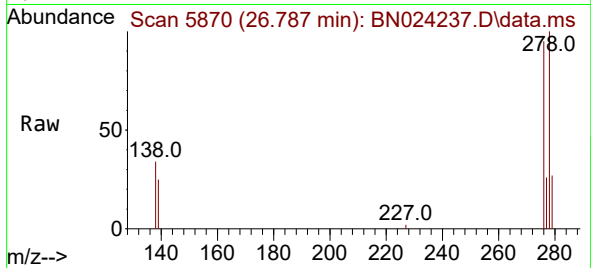




#28
Dibenzo(a,h)anthracene
Concen: 0.267 ng/ul
RT: 26.787 min Scan# 5870
Delta R.T. 0.003 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Instrument :
BNA_N
ClientSampleId :
DCAD3DL

Tgt Ion:278 Resp: 10774
Ion Ratio Lower Upper
278 100
139 25.4 21.0 31.6
279 26.6 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.582 min Scan# 6107
Delta R.T. 0.010 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:276 Resp: 14201
Ion Ratio Lower Upper
276 100
138 30.3 25.2 37.8
277 25.4 19.4 29.2

