

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024229.D
 Acq On : 10 Mar 2023 10:19
 Operator : CG/JU
 Sample : SSTDCCC0.04
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4391

Quant Time: Mar 11 00:07:16 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)

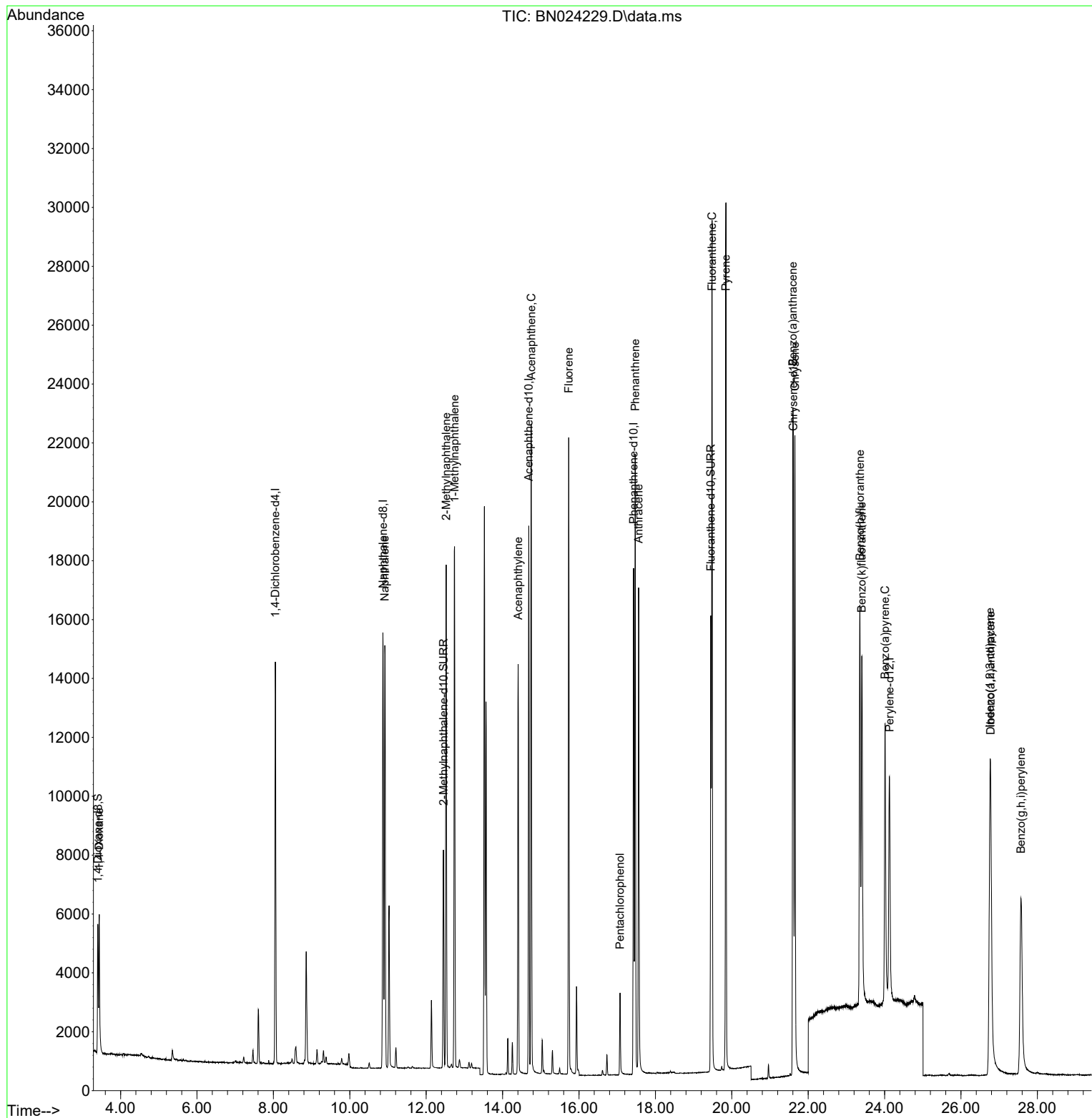
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6723	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	19352	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	9666	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	19569	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	14904	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	12777	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2860	0.387	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9201	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	16083	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	3065	0.381	ng/ul	96
5) Naphthalene	10.916	128	19638	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	11721	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	12253	0.398	ng/ul	100
10) Acenaphthylene	14.407	152	15601	0.387	ng/ul	100
11) Acenaphthene	14.749	153	12609	0.406	ng/ul	100
12) Fluorene	15.730	166	13729	0.396	ng/ul	98
14) Pentachlorophenol	17.071	266	1913	0.352	ng/ul#	73
15) Phenanthrene	17.472	178	22764	0.406	ng/ul	99
16) Anthracene	17.561	178	18471	0.376	ng/ul	100
19) Fluoranthene	19.483	202	24011	0.405	ng/ul	99
20) Pyrene	19.845	202	24401	0.405	ng/ul	99
21) Benzo(a)anthracene	21.598	228	17808	0.366	ng/ul	100
22) Chrysene	21.653	228	20837	0.406	ng/ul	99
24) Benzo(b)fluoranthene	23.354	252	19730	0.404	ng/ul	98
25) Benzo(k)fluoranthene	23.401	252	19435	0.384	ng/ul	97
26) Benzo(a)pyrene	24.012	252	15962	0.380	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.760	276	18060	0.382	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.777	278	12781	0.356	ng/ul	98
29) Benzo(g,h,i)perylene	27.568	276	16951	0.413	ng/ul	100

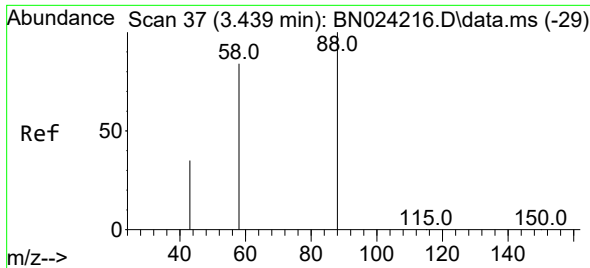
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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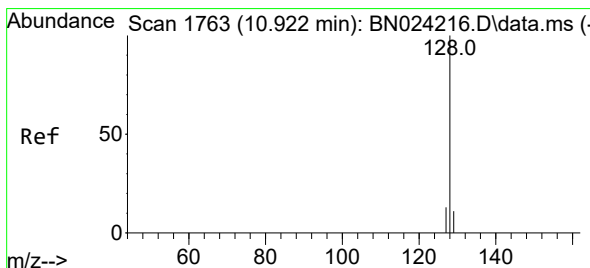
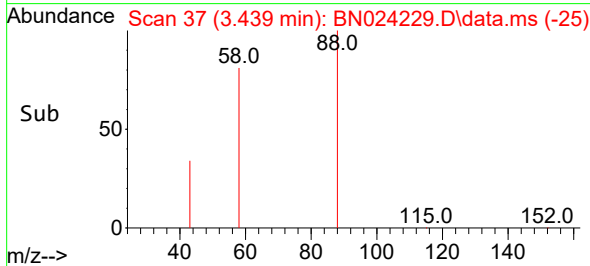
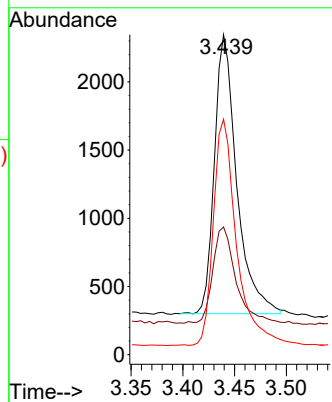
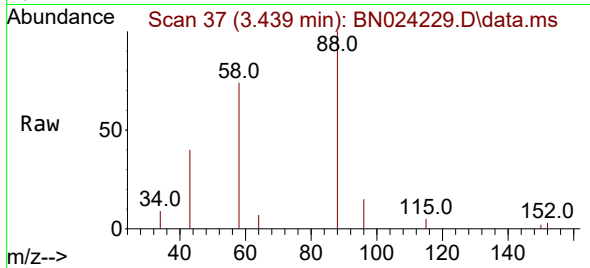




#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.439 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

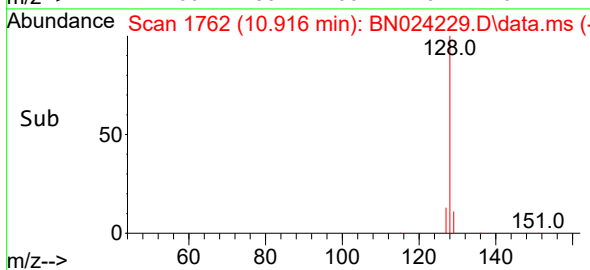
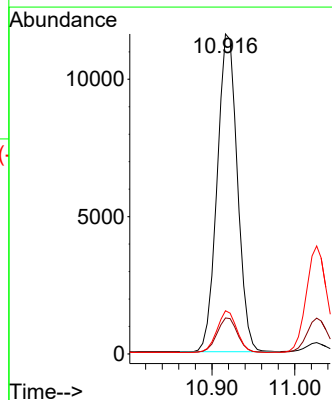
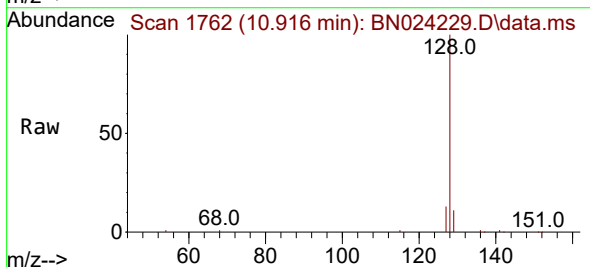
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

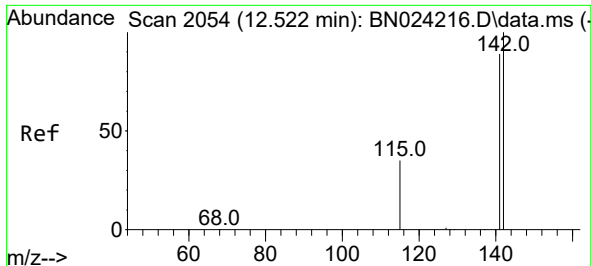
Tgt Ion:	88	Resp:	3065
Ion	Ratio	Lower	Upper
88	100		
43	39.9	32.1	48.1
58	73.6	55.1	82.7



#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:	128	Resp:	19638
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.5	15.7

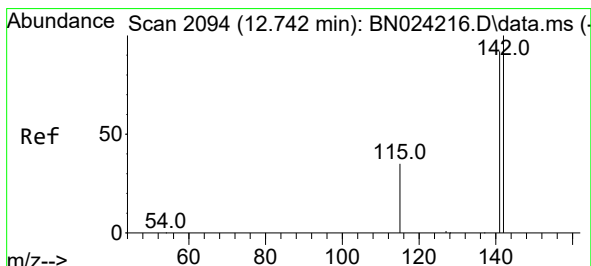
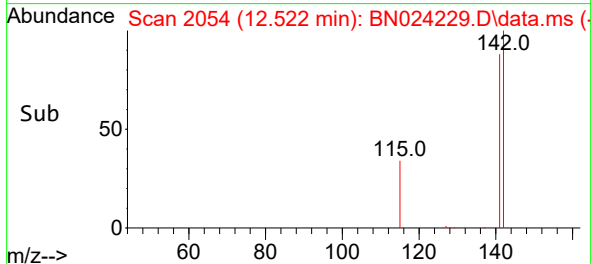
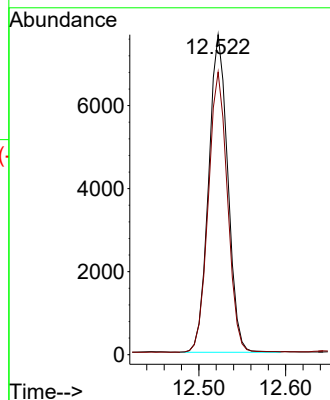
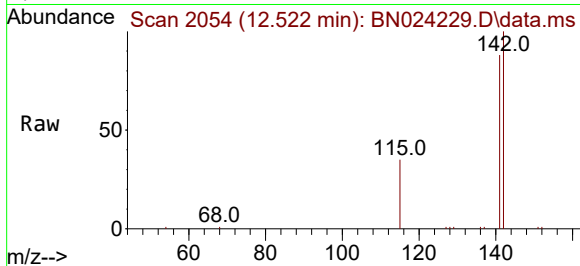




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

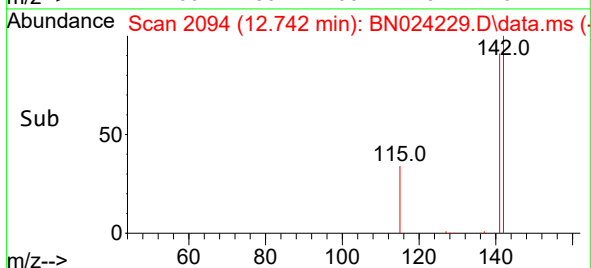
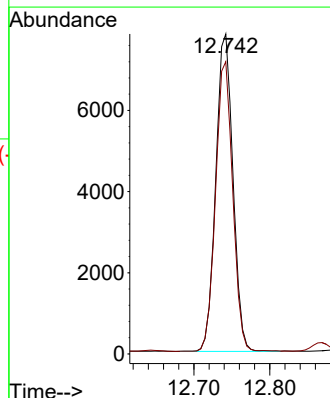
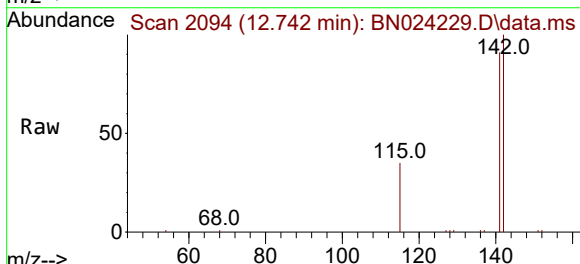
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

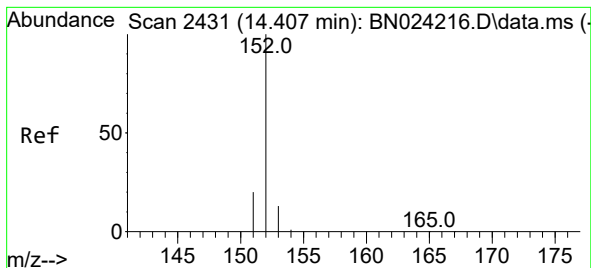
Tgt Ion:142 Resp: 11721
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:142 Resp: 12253
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6





#10

Acenaphthylene

Concen: 0.387 ng/ul

RT: 14.407 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BN024229.D

Acq: 10 Mar 2023 10:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4391

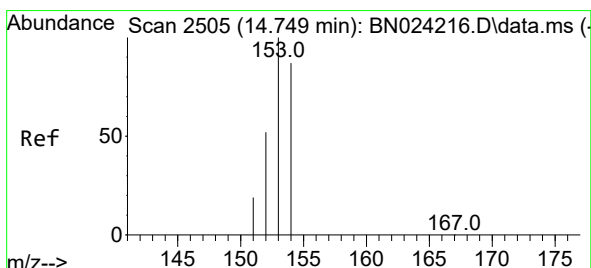
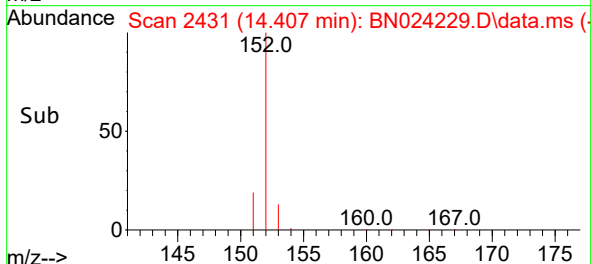
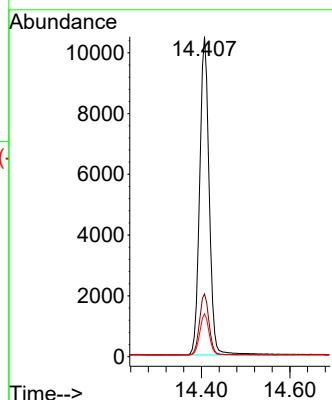
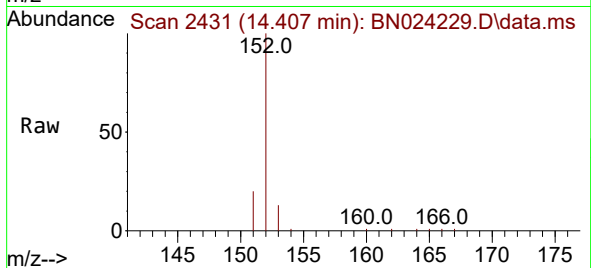
Tgt Ion:152 Resp: 15601

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.4 10.6 16.0



#11

Acenaphthene

Concen: 0.406 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024229.D

Acq: 10 Mar 2023 10:19

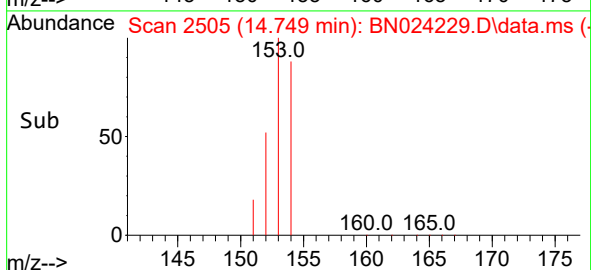
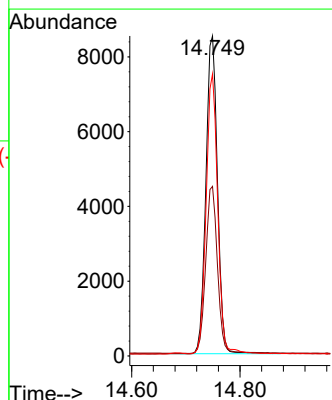
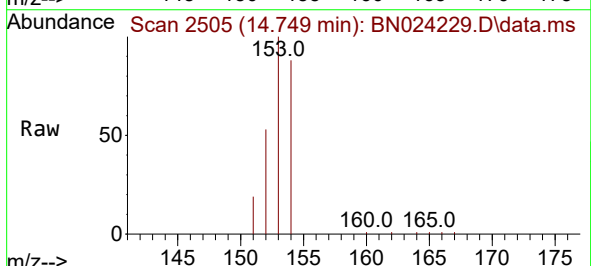
Tgt Ion:153 Resp: 12609

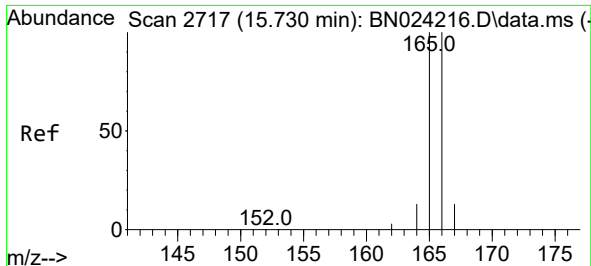
Ion Ratio Lower Upper

153 100

152 53.0 42.6 64.0

154 88.1 70.6 105.8

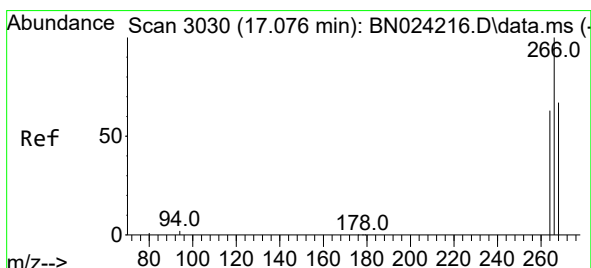
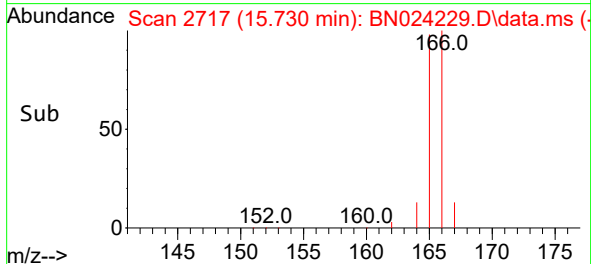
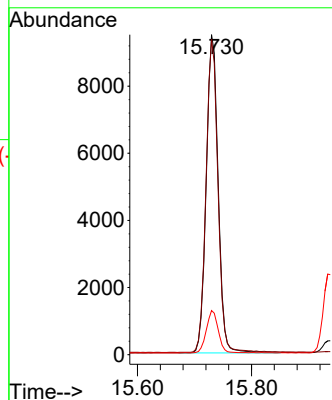
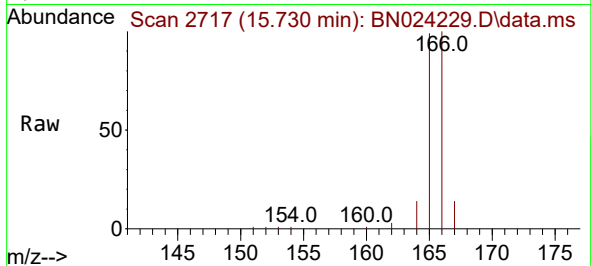




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

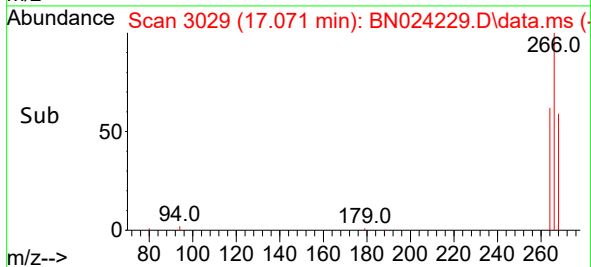
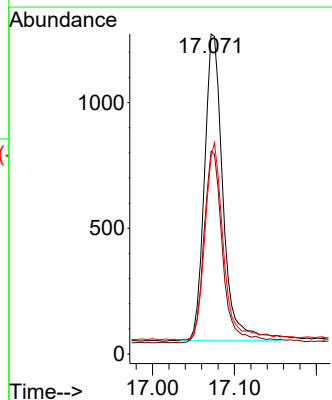
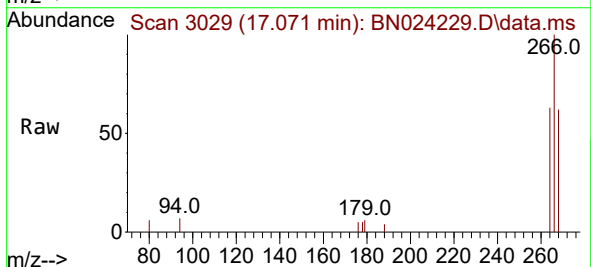
Instrument :
BNA_N
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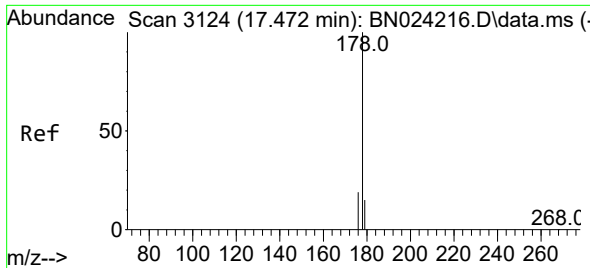
Tgt Ion:166 Resp: 13729
Ion Ratio Lower Upper
166 100
165 98.5 77.4 116.0
167 13.8 10.9 16.3



#14
Pentachlorophenol
Concen: 0.352 ng/ul
RT: 17.071 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:266 Resp: 1913
Ion Ratio Lower Upper
266 100
264 63.5 0.0 0.0#
268 64.2 0.1 0.1#

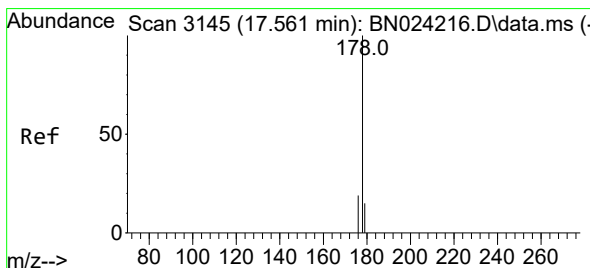
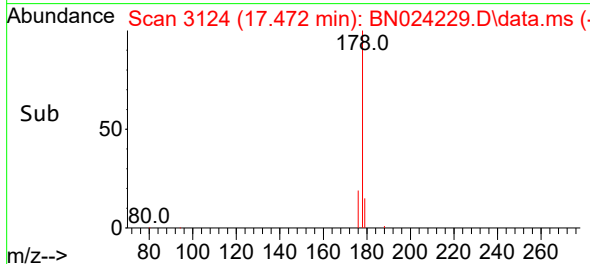
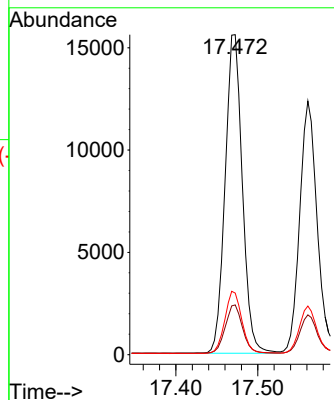
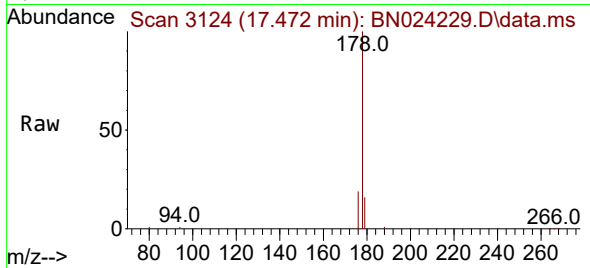




#15
Phenanthrene
Concen: 0.406 ng/u1
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

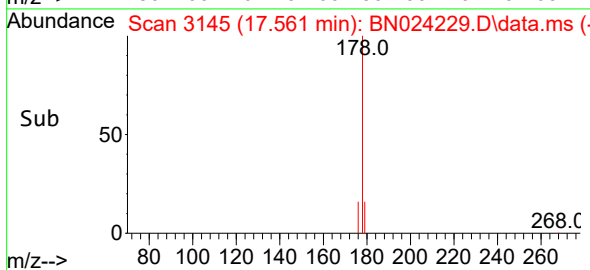
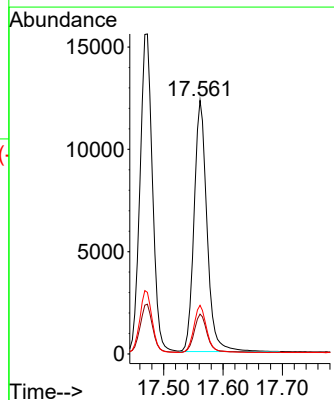
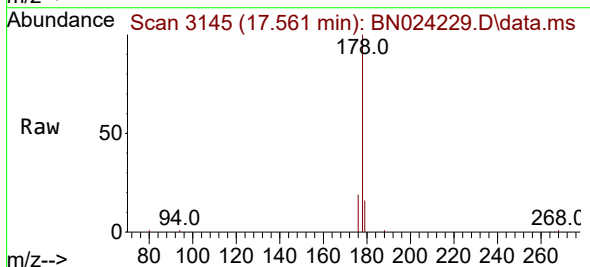
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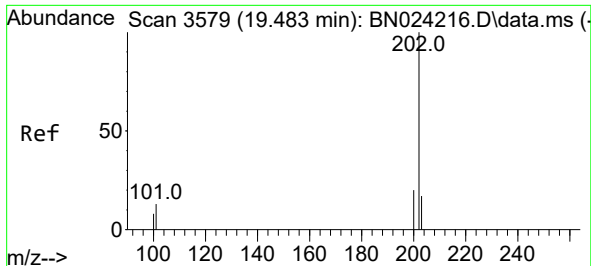
Tgt Ion:	178	Resp:	22764
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	19.3	15.7	23.5



#16
Anthracene
Concen: 0.376 ng/u1
RT: 17.561 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:	178	Resp:	18471
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.2	15.3	22.9

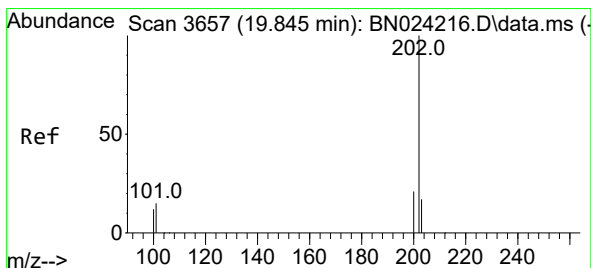
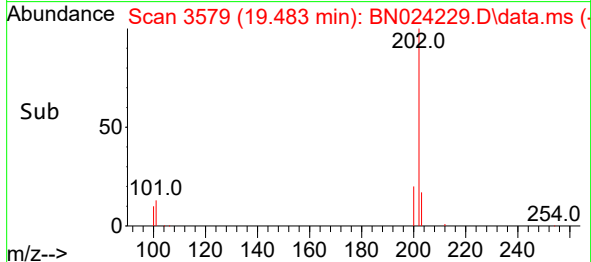
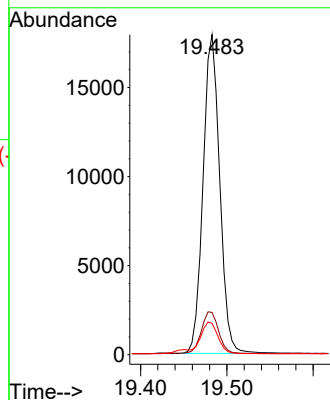
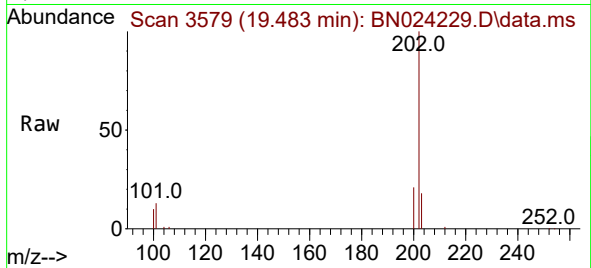




#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

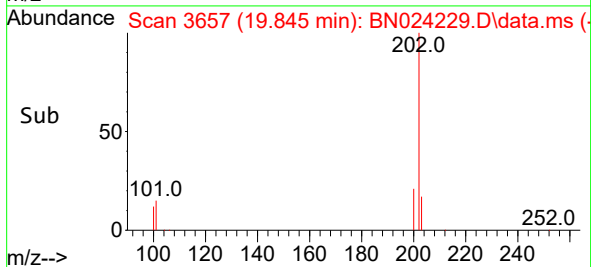
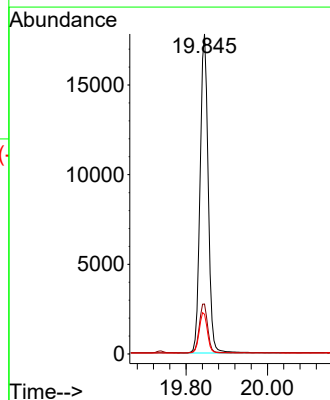
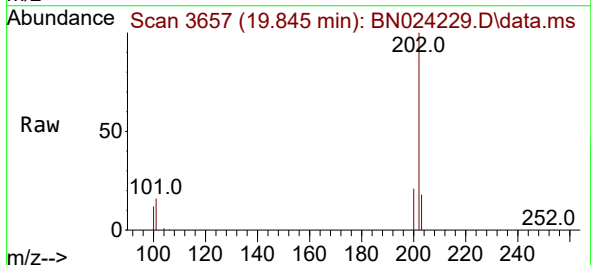
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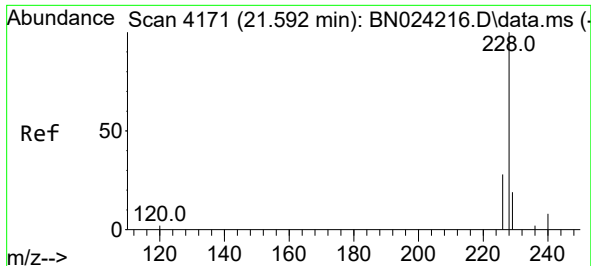
Tgt Ion:202 Resp: 24011
Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 9.8 7.7 11.5



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:202 Resp: 24401
Ion Ratio Lower Upper
202 100
101 15.6 12.1 18.1
100 12.4 9.4 14.0

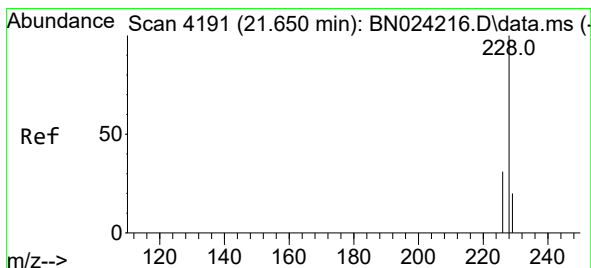
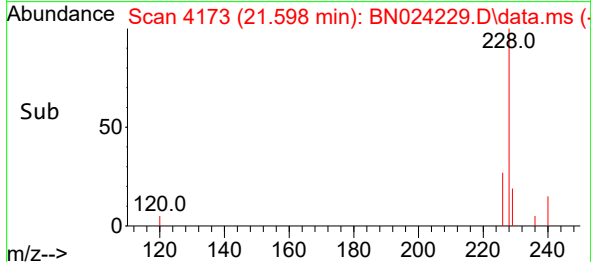
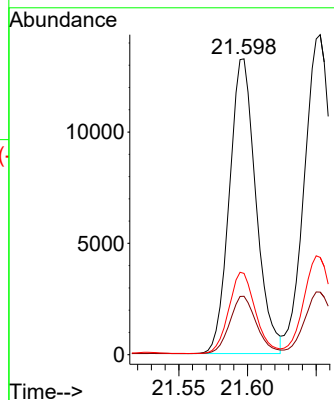
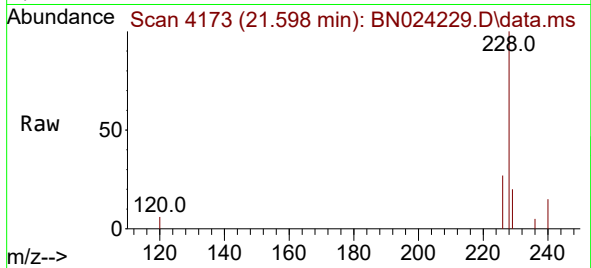




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.598 min Scan# 4173
Delta R.T. 0.006 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

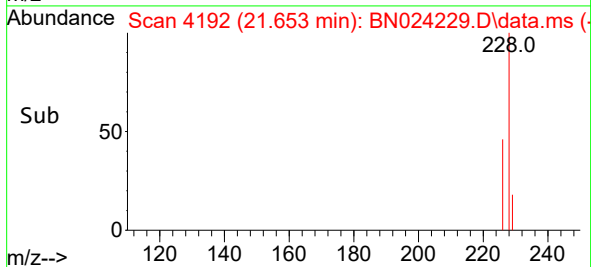
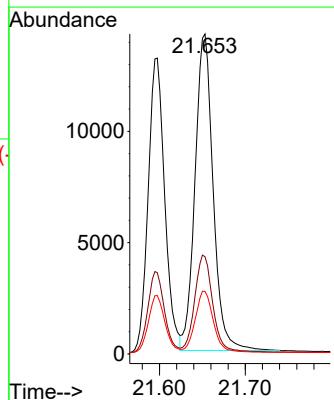
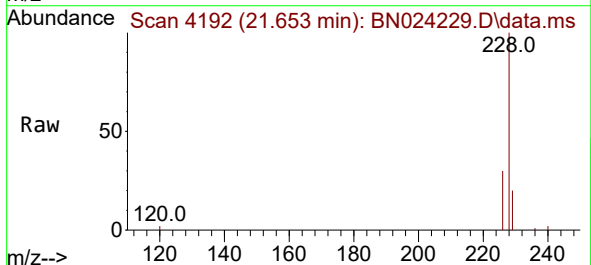
Instrument :
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SSTD0.4391

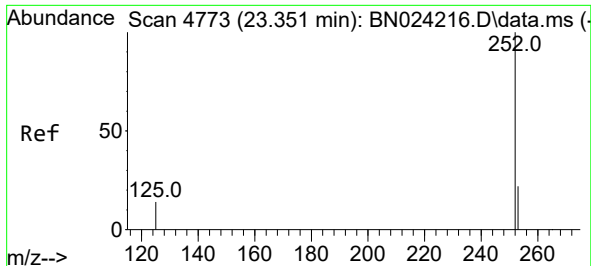
Tgt Ion:228 Resp: 17808
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.5 22.2 33.4



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.653 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

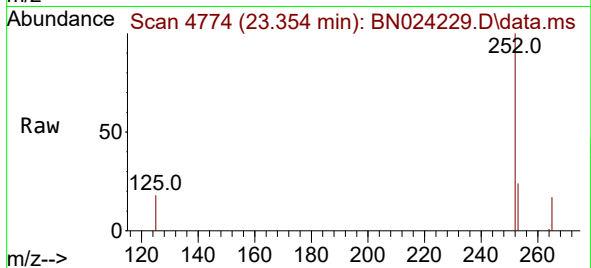
Tgt Ion:228 Resp: 20837
Ion Ratio Lower Upper
228 100
226 30.4 24.8 37.2
229 19.6 15.8 23.6



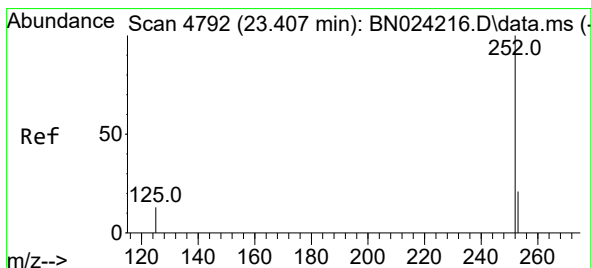
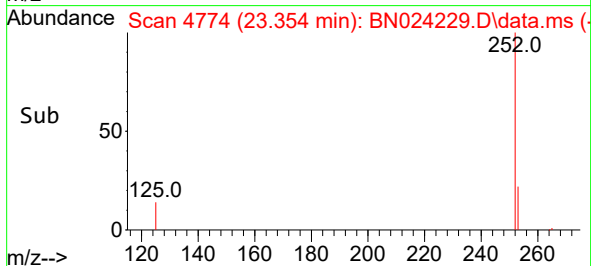
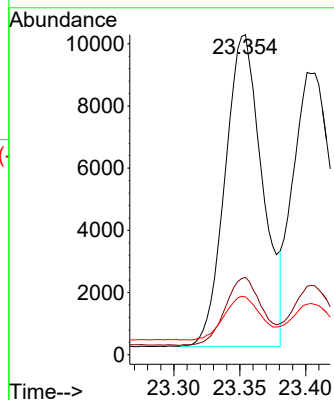


#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.354 min Scan# 4773
Delta R.T. 0.003 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

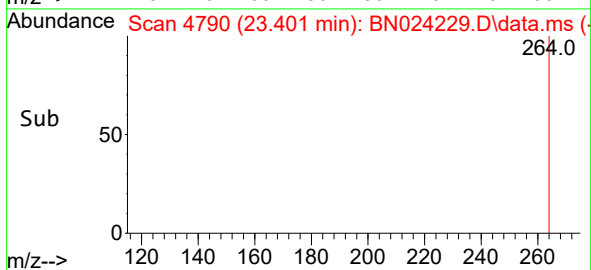
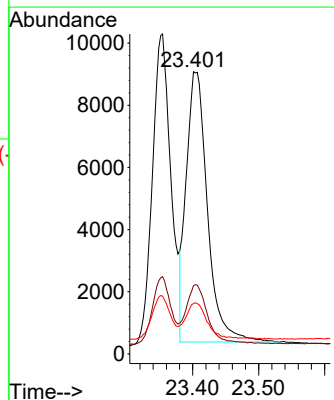
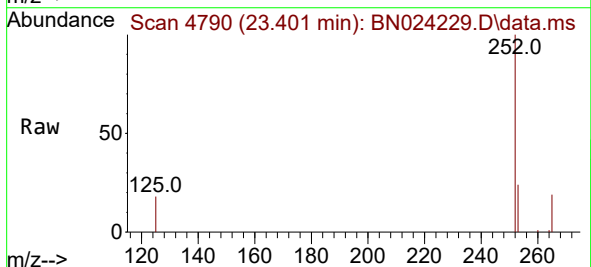


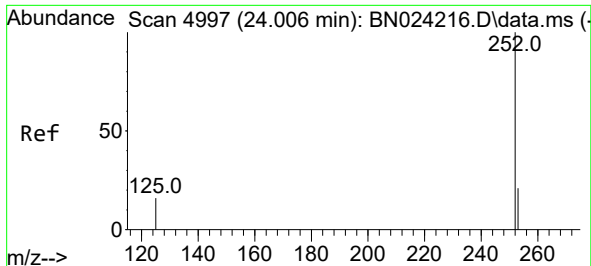
Tgt Ion:252 Resp: 19730
Ion Ratio Lower Upper
252 100
253 24.1 0.0 46.2
125 18.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.401 min Scan# 4790
Delta R.T. -0.006 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

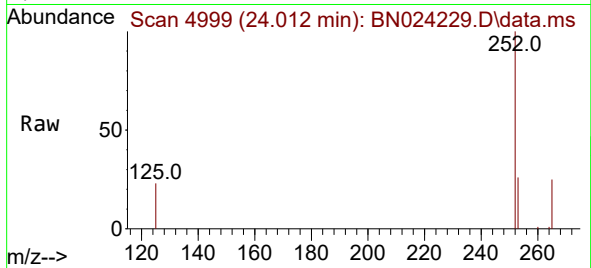
Tgt Ion:252 Resp: 19435
Ion Ratio Lower Upper
252 100
253 24.2 18.5 27.7
125 17.9 13.2 19.8



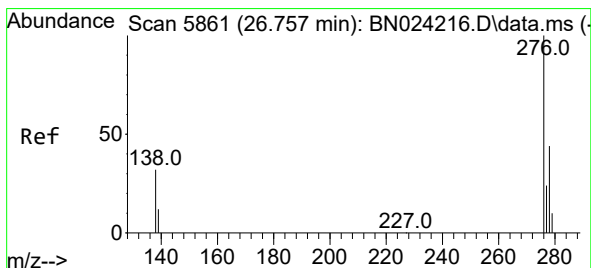
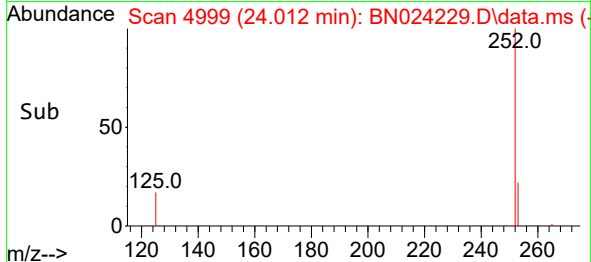
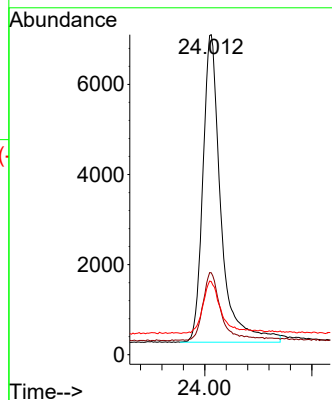


#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 24.012 min Scan# 4999
Delta R.T. 0.006 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

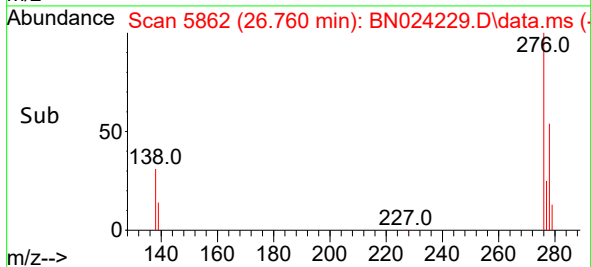
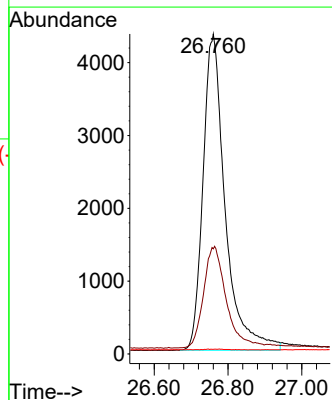
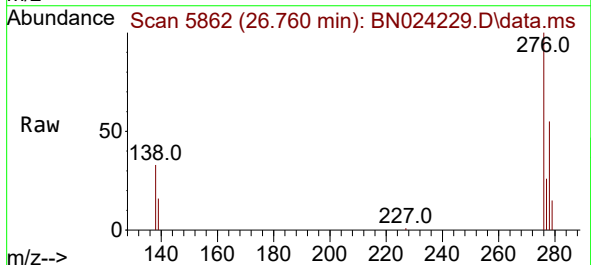


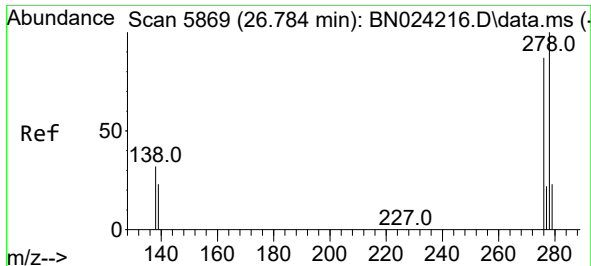
Tgt Ion:252 Resp: 15962
Ion Ratio Lower Upper
252 100
253 25.6 19.2 28.8
125 22.9 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.760 min Scan# 5862
Delta R.T. 0.003 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:276 Resp: 18060
Ion Ratio Lower Upper
276 100
138 33.7 0.0 0.0#
227 0.2 0.0 0.0#

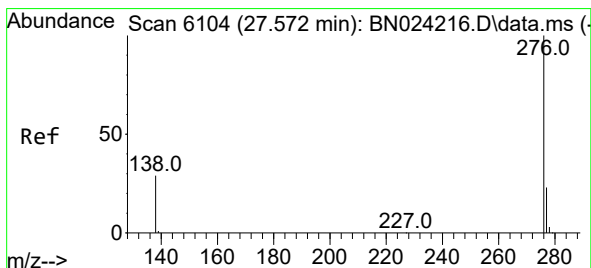
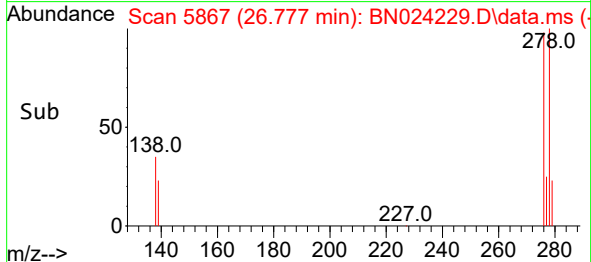
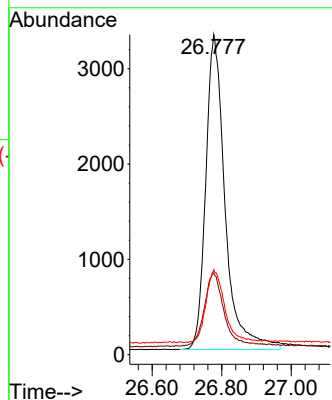
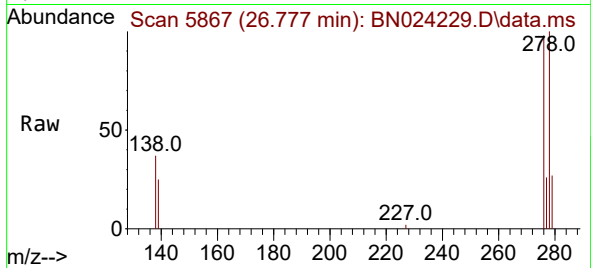




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.777 min Scan# 5867
Delta R.T. -0.007 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

Tgt Ion:278 Resp: 12781
Ion Ratio Lower Upper
278 100
139 25.3 21.0 31.6
279 26.6 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 27.568 min Scan# 6103
Delta R.T. -0.003 min
Lab File: BN024229.D
Acq: 10 Mar 2023 10:19

Tgt Ion:276 Resp: 16951
Ion Ratio Lower Upper
276 100
138 31.2 25.2 37.8
277 24.2 19.4 29.2

