

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024227.D
 Acq On : 10 Mar 2023 08:29
 Operator : CG/JU
 Sample : PB151261BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS261

Quant Time: Mar 11 00:06:32 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)

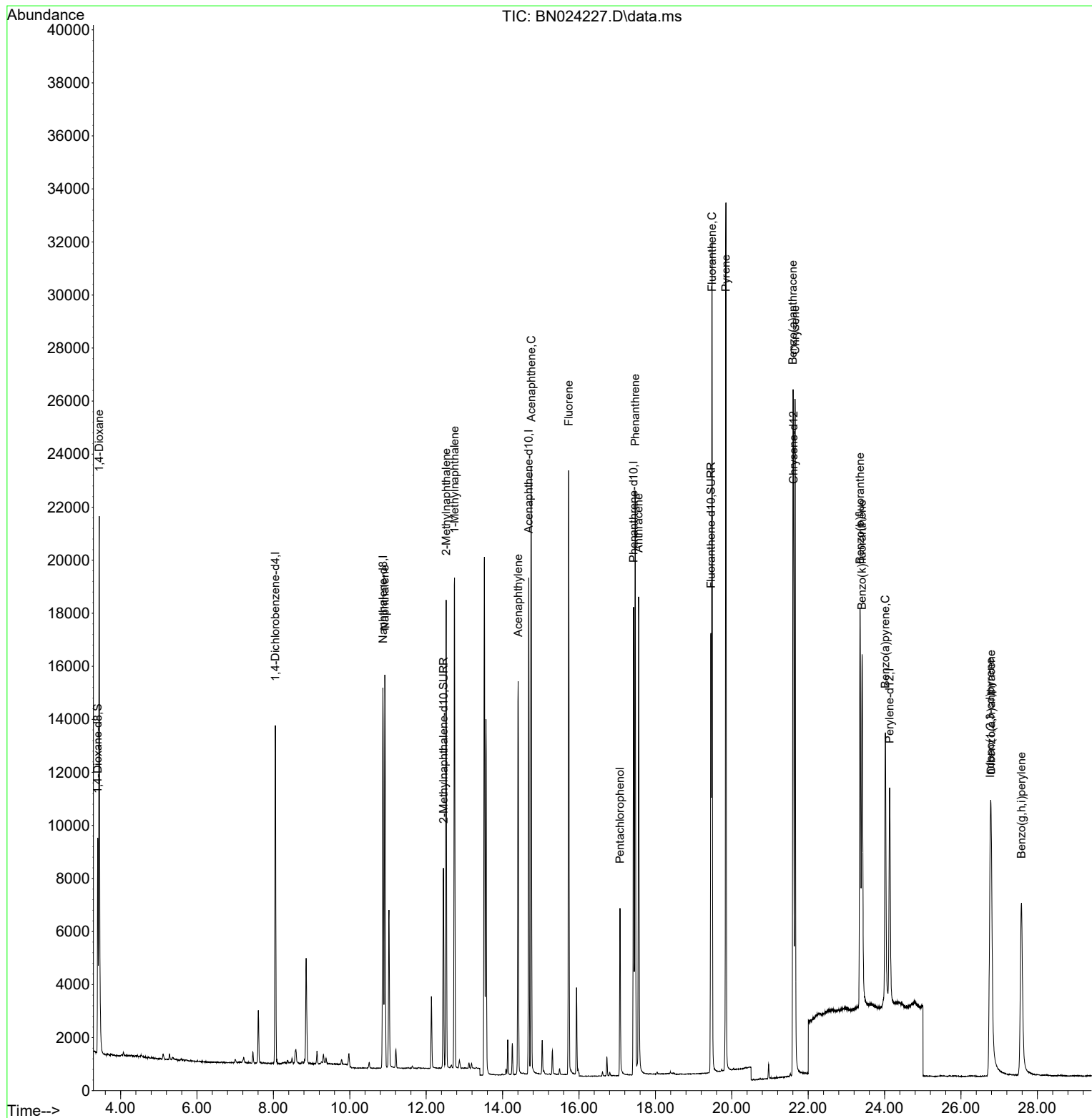
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6397	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	9800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	20162	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	15752	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	13075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	5192	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9326	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	17331	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	13679	1.786	ng/ul	89
5) Naphthalene	10.916	128	19840	0.426	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	12112	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	12757	0.430	ng/ul	100
10) Acenaphthylene	14.407	152	16652	0.407	ng/ul	100
11) Acenaphthene	14.749	153	13166	0.418	ng/ul	99
12) Fluorene	15.730	166	14274	0.406	ng/ul	99
14) Pentachlorophenol	17.071	266	4271	0.763	ng/ul#	73
15) Phenanthrene	17.468	178	23980	0.415	ng/ul	100
16) Anthracene	17.561	178	20123	0.397	ng/ul	100
19) Fluoranthene	19.483	202	26014	0.415	ng/ul	100
20) Pyrene	19.845	202	26569	0.418	ng/ul	100
21) Benzo(a)anthracene	21.600	228	21171	0.412	ng/ul	100
22) Chrysene	21.656	228	23453	0.432	ng/ul	100
24) Benzo(b)fluoranthene	23.357	252	22106	0.443	ng/ul	99
25) Benzo(k)fluoranthene	23.410	252	21969	0.424	ng/ul	98
26) Benzo(a)pyrene	24.018	252	17915	0.417	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.767	276	19426	0.401	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.790	278	13923	0.378	ng/ul	97
29) Benzo(g,h,i)perylene	27.582	276	17939	0.427	ng/ul	97

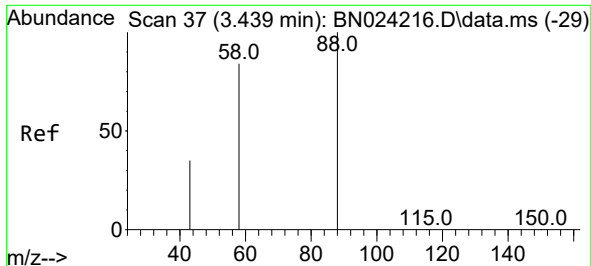
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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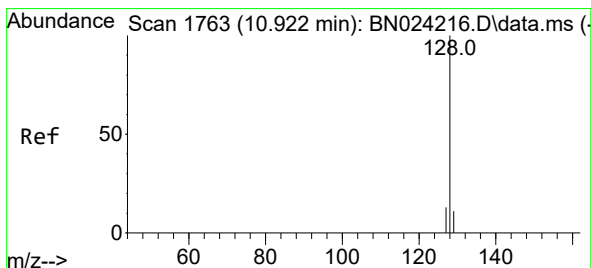
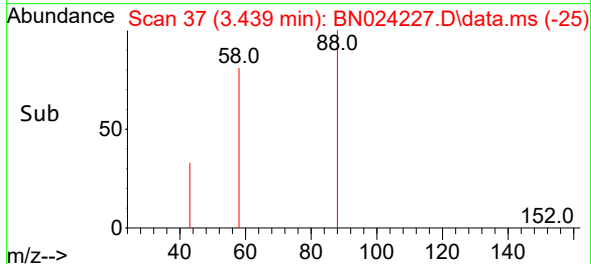
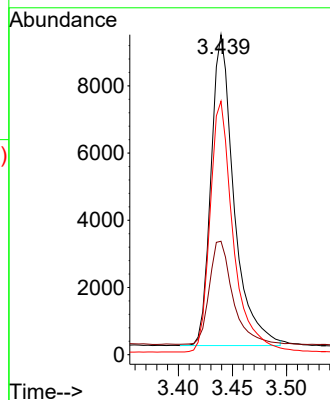
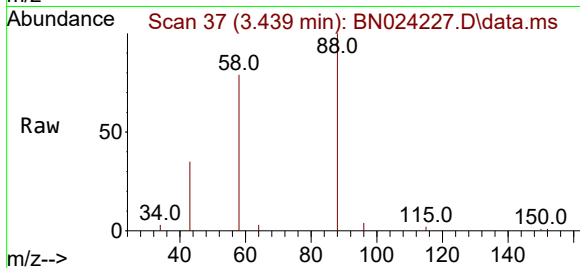




#2
1,4-Dioxane
Concen: 1.786 ng/ul
RT: 3.439 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

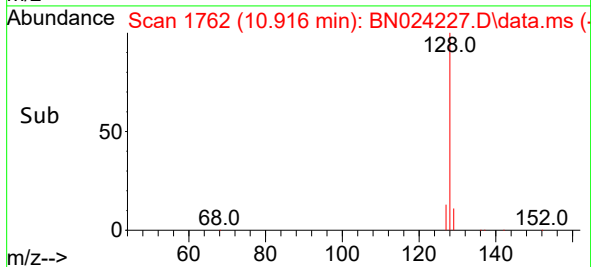
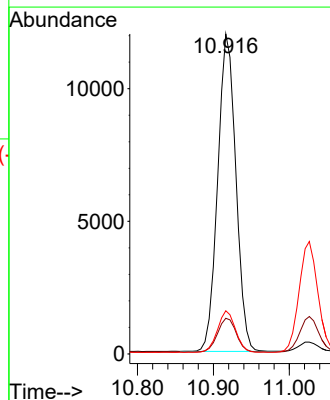
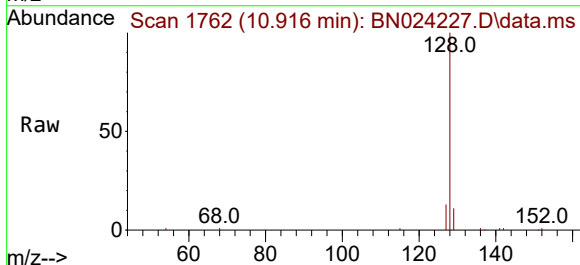
Instrument :
BNA_N
ClientSampleId :
SLCS261

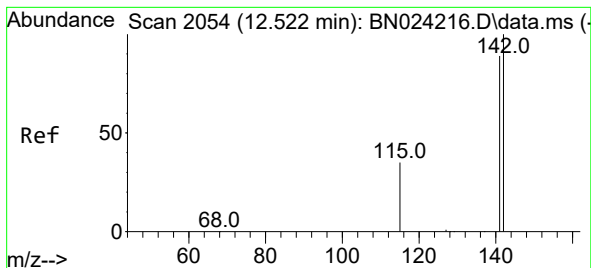
Tgt Ion: 88 Resp: 13679
Ion Ratio Lower Upper
88 100
43 35.4 32.1 48.1
58 79.2 55.1 82.7



#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:128 Resp: 19840
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.5 15.7

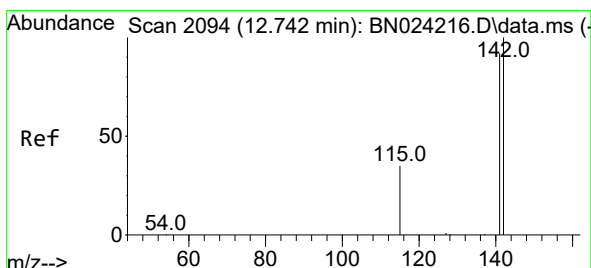
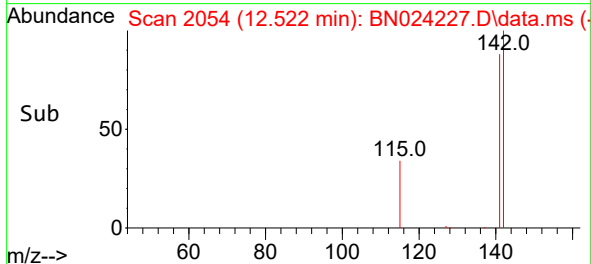
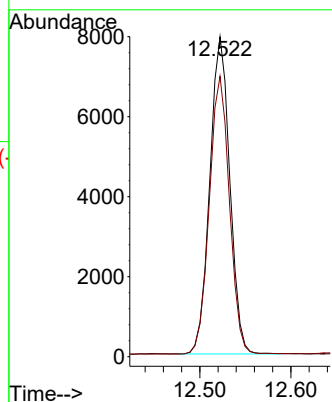
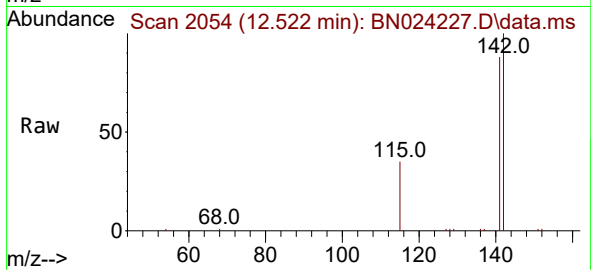




#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

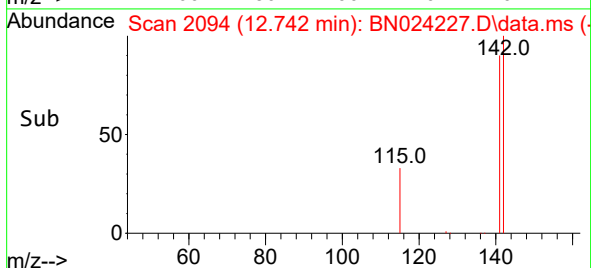
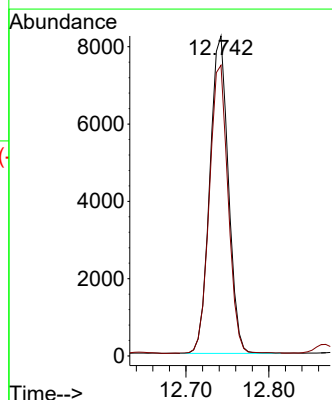
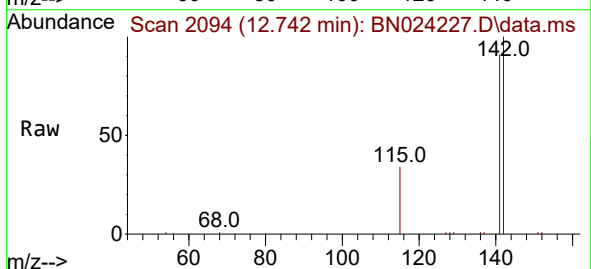
Instrument :
BNA_N
ClientSampleId :
SLCS261

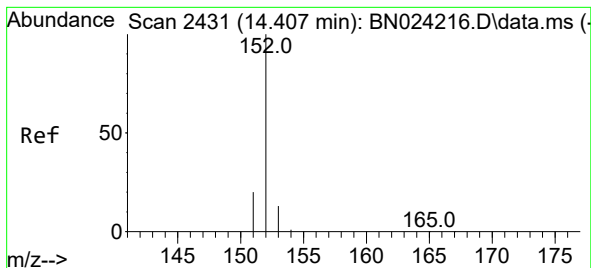
Tgt Ion:142 Resp: 12112
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:142 Resp: 12757
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.6





#10

Acenaphthylene

Concen: 0.407 ng/ul

RT: 14.407 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BN024227.D

Acq: 10 Mar 2023 08:29

Instrument :

BNA_N

ClientSampleId :

SLCS261

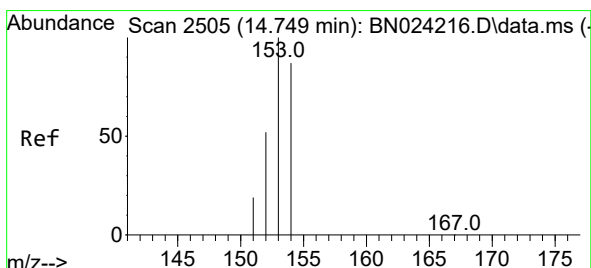
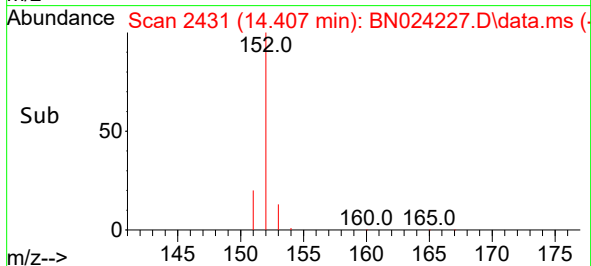
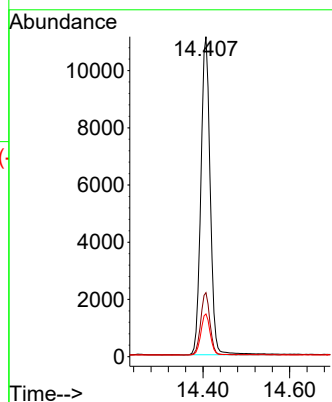
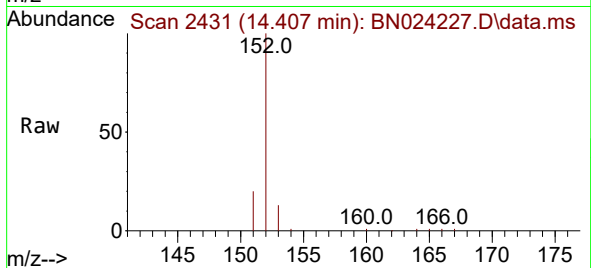
Tgt Ion:152 Resp: 16652

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.4 10.6 16.0



#11

Acenaphthene

Concen: 0.418 ng/ul

RT: 14.749 min Scan# 2505

Delta R.T. 0.000 min

Lab File: BN024227.D

Acq: 10 Mar 2023 08:29

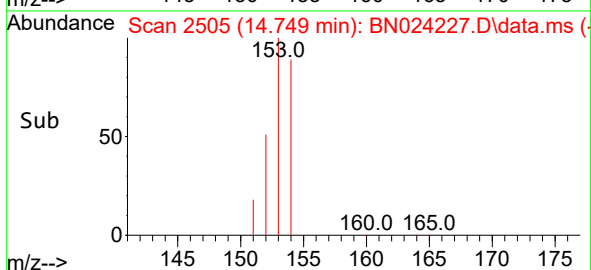
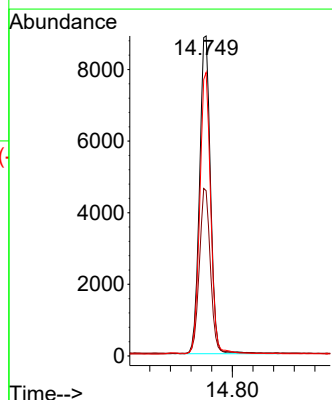
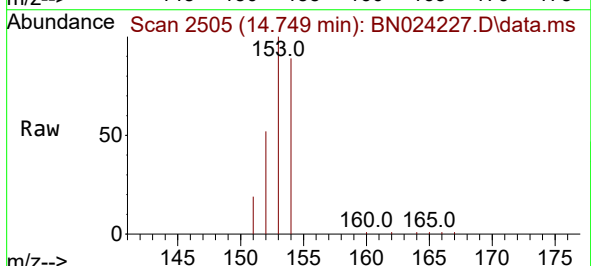
Tgt Ion:153 Resp: 13166

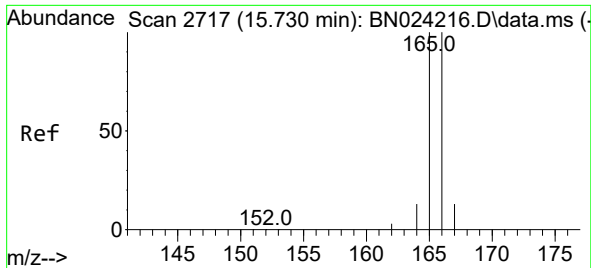
Ion Ratio Lower Upper

153 100

152 51.6 42.6 64.0

154 88.6 70.6 105.8

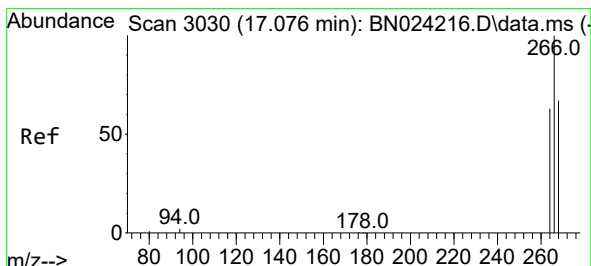
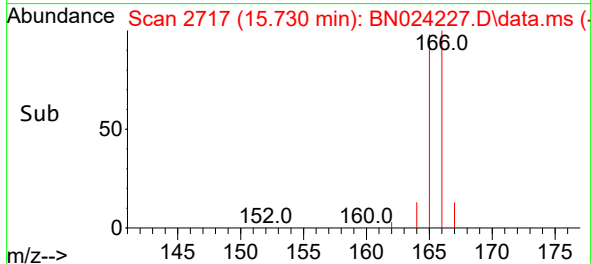
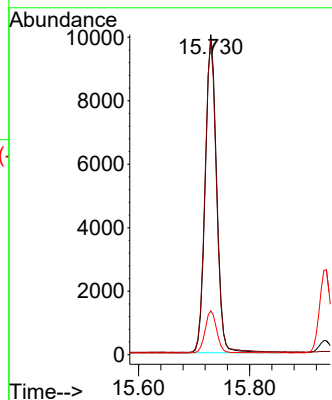
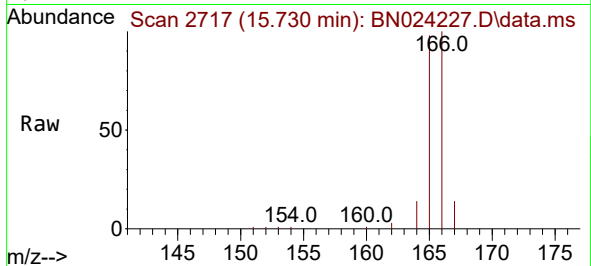




#12
 Fluorene
 Concen: 0.406 ng/ul
 RT: 15.730 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024227.D
 Acq: 10 Mar 2023 08:29

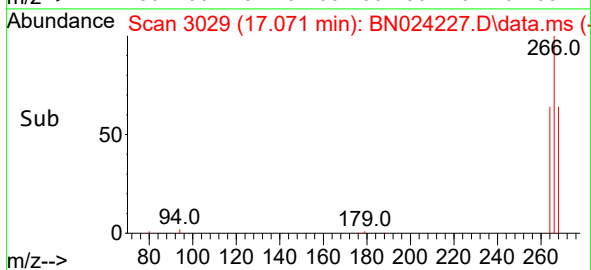
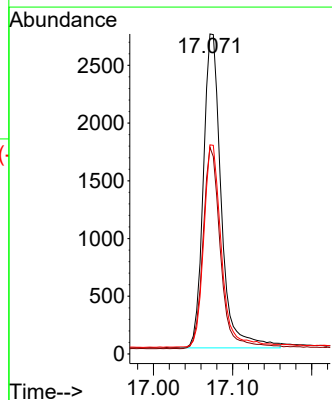
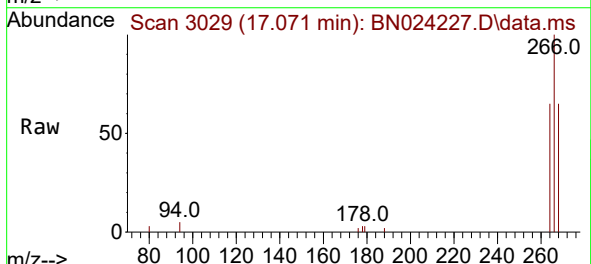
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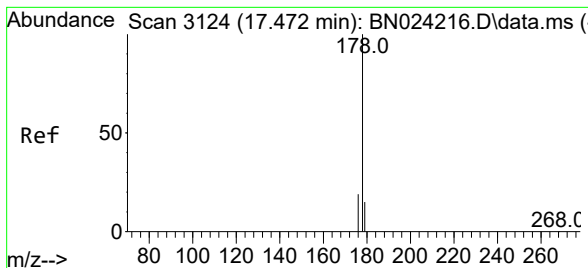
Tgt Ion:166 Resp: 14274
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.4 116.0
 167 13.7 10.9 16.3



#14
 Pentachlorophenol
 Concen: 0.763 ng/ul
 RT: 17.071 min Scan# 3029
 Delta R.T. -0.004 min
 Lab File: BN024227.D
 Acq: 10 Mar 2023 08:29

Tgt Ion:266 Resp: 4271
 Ion Ratio Lower Upper
 266 100
 264 63.0 0.0 0.0#
 268 63.7 0.1 0.1#





#15

Phenanthrene

Concen: 0.415 ng/ul

RT: 17.468 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BN024227.D

Acq: 10 Mar 2023 08:29

Instrument :

BNA_N

ClientSampleId :

SLCS261

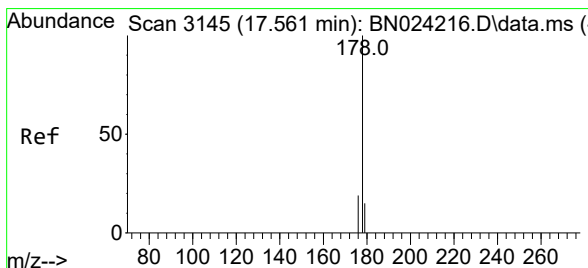
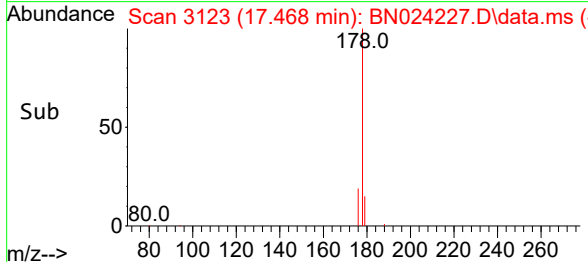
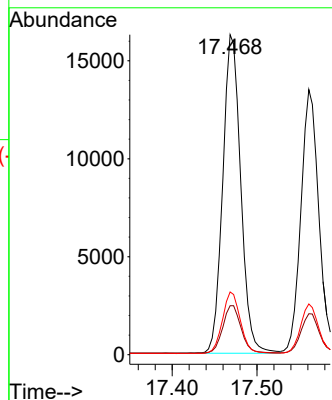
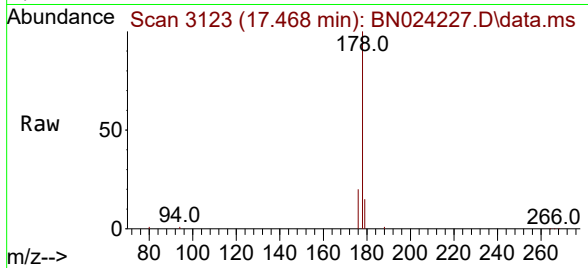
Tgt Ion:178 Resp: 23980

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.397 ng/ul

RT: 17.561 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BN024227.D

Acq: 10 Mar 2023 08:29

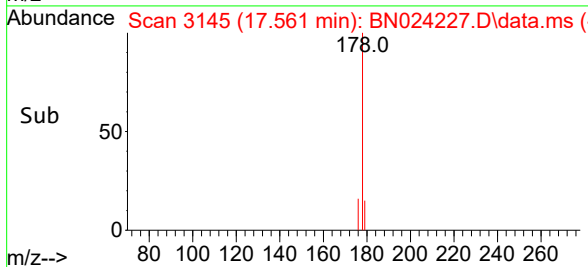
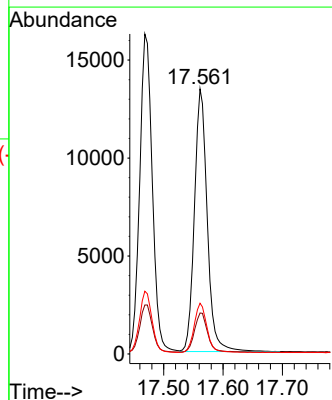
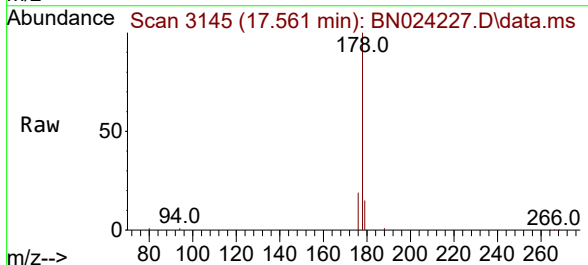
Tgt Ion:178 Resp: 20123

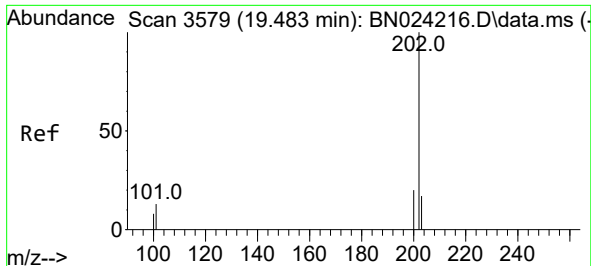
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.1 15.3 22.9

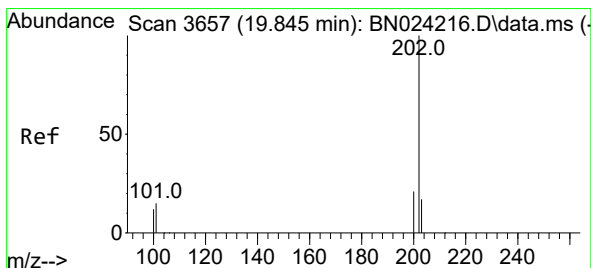
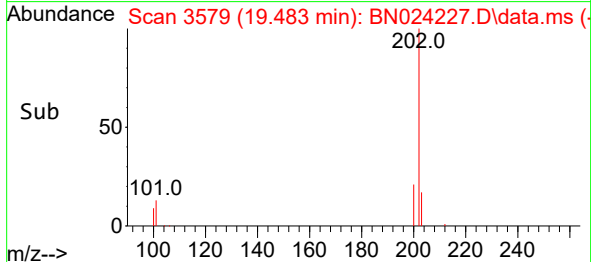
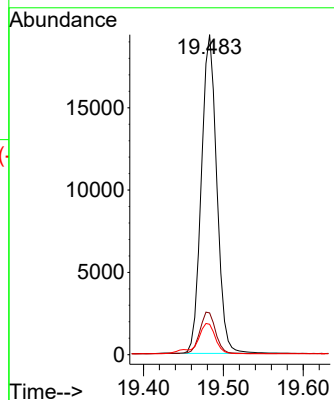
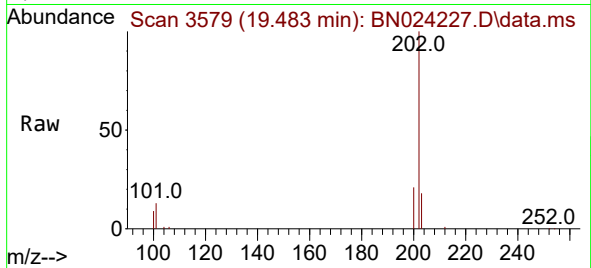




#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.483 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

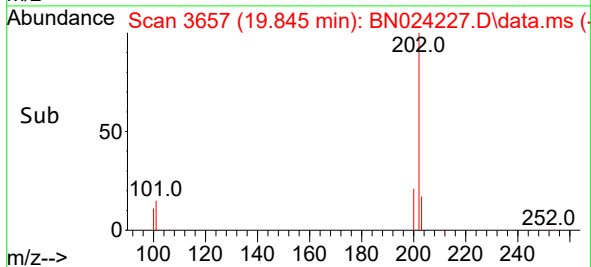
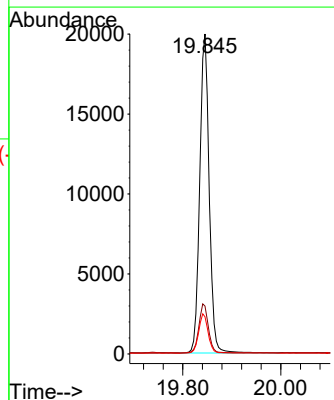
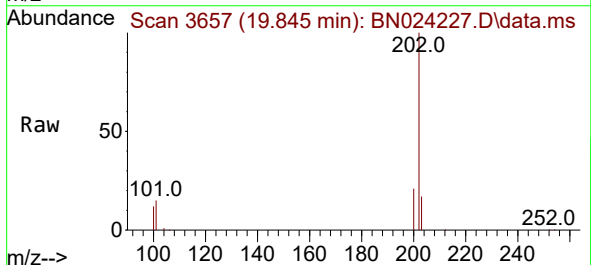
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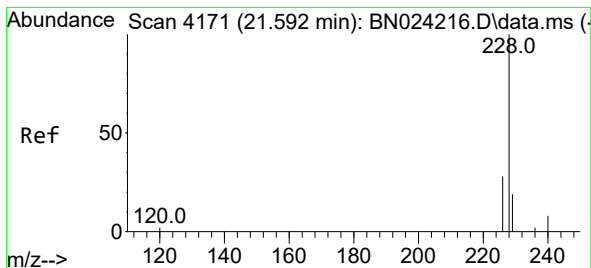
Tgt Ion:202 Resp: 26014
Ion Ratio Lower Upper
202 100
101 13.1 10.4 15.6
100 9.5 7.7 11.5



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:202 Resp: 26569
Ion Ratio Lower Upper
202 100
101 15.0 12.1 18.1
100 11.6 9.4 14.0





#21

Benzo(a)anthracene

Concen: 0.412 ng/ul

RT: 21.600 min Scan# 4171

Delta R.T. 0.009 min

Lab File: BN024227.D

Acq: 10 Mar 2023 08:29

Instrument :

BNA_N

ClientSampleId :

SLCS261

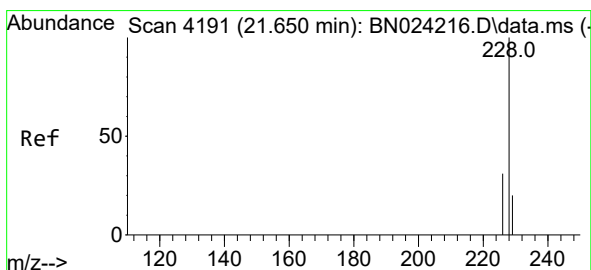
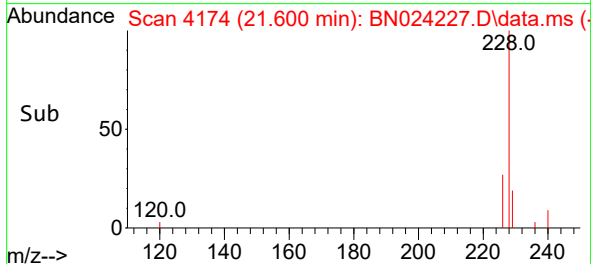
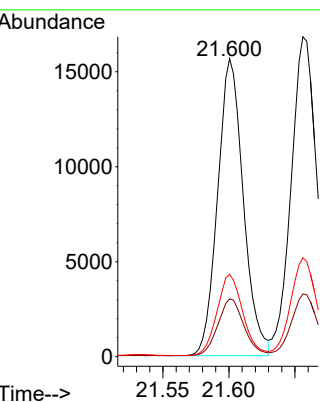
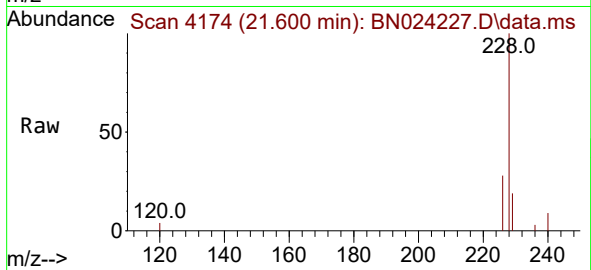
Tgt Ion:228 Resp: 21171

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.6

226 27.6 22.2 33.4



#22

Chrysene

Concen: 0.432 ng/ul

RT: 21.656 min Scan# 4193

Delta R.T. 0.006 min

Lab File: BN024227.D

Acq: 10 Mar 2023 08:29

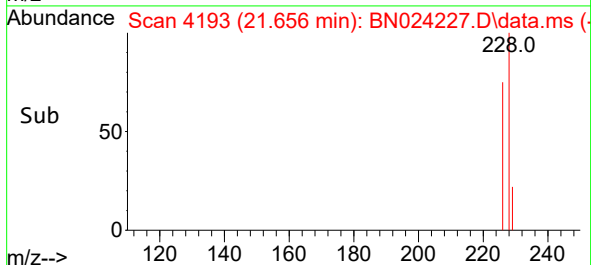
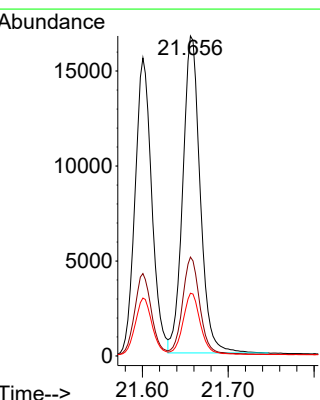
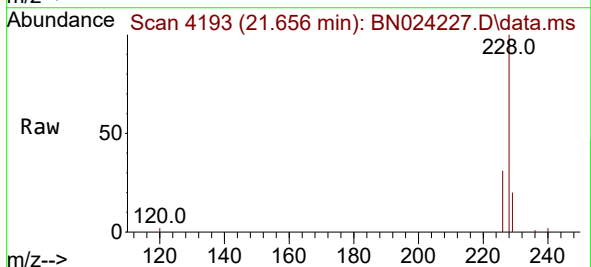
Tgt Ion:228 Resp: 23453

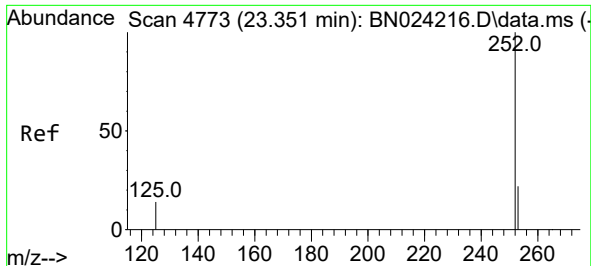
Ion Ratio Lower Upper

228 100

226 30.9 24.8 37.2

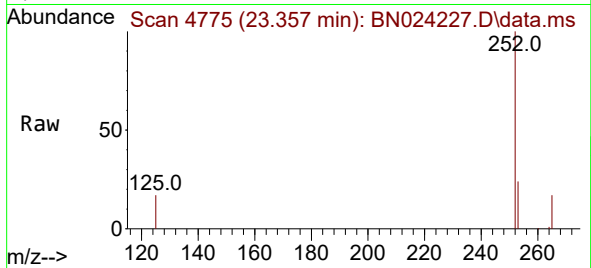
229 19.6 15.8 23.6



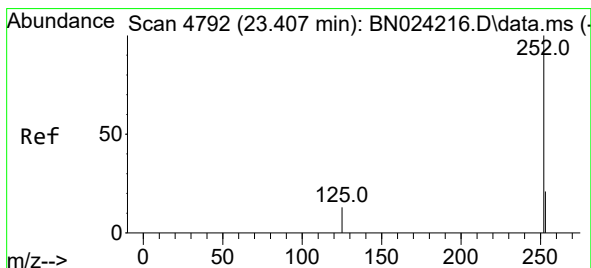
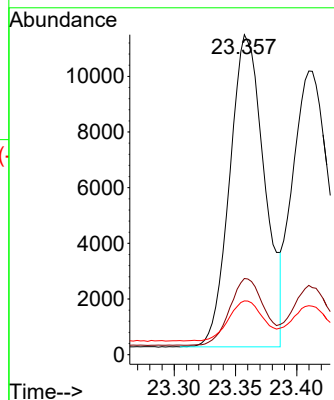


#24
Benzo(b)fluoranthene
Concen: 0.443 ng/ul
RT: 23.357 min Scan# 4773
Delta R.T. 0.006 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

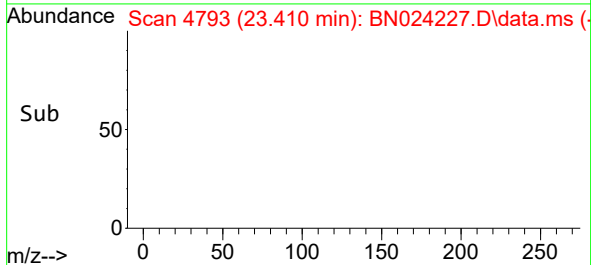
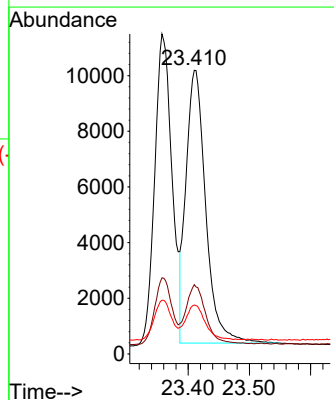
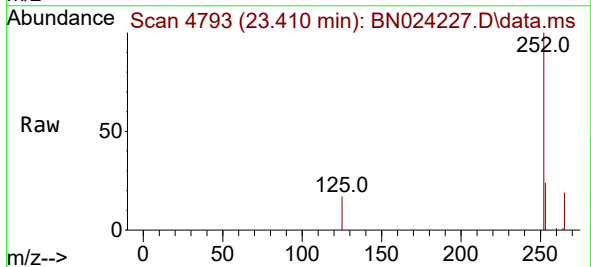


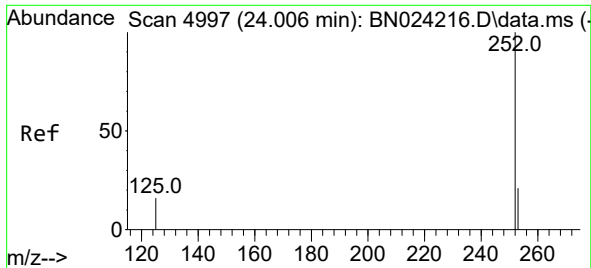
Tgt Ion:252 Resp: 22106
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.2
125 16.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.410 min Scan# 4793
Delta R.T. 0.003 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:252 Resp: 21969
Ion Ratio Lower Upper
252 100
253 24.4 18.5 27.7
125 17.2 13.2 19.8

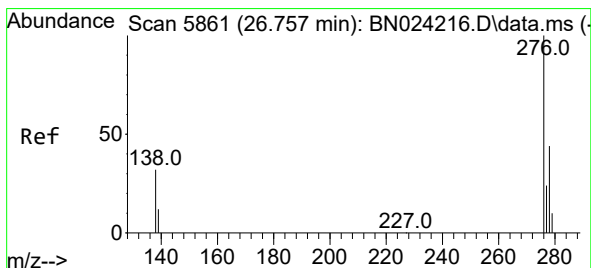
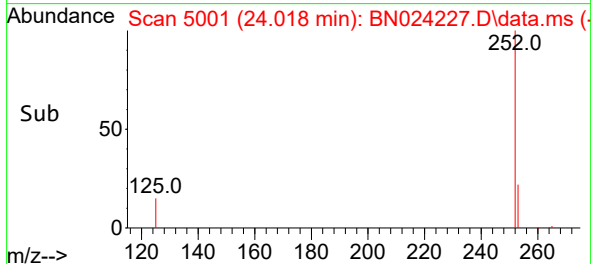
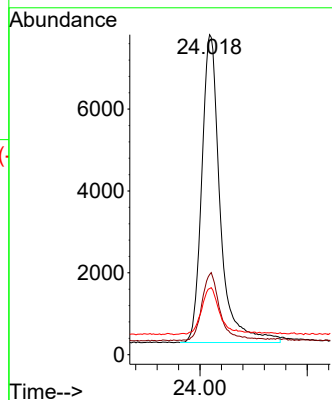
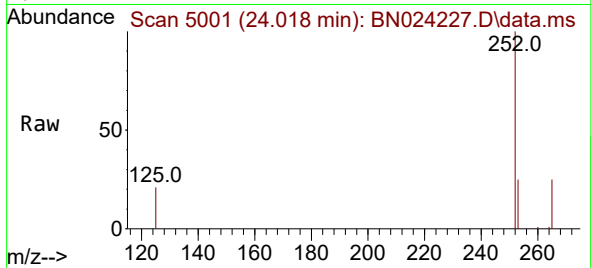




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 24.018 min Scan# 5001
Delta R.T. 0.012 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

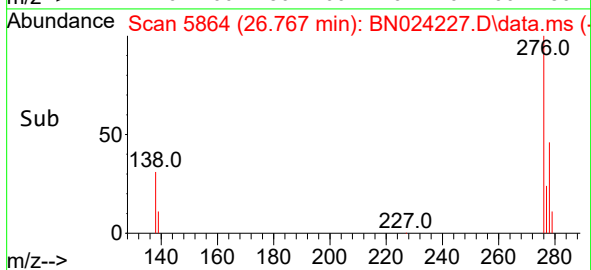
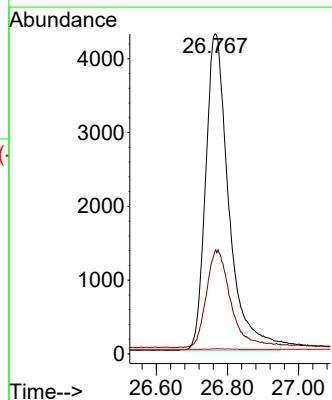
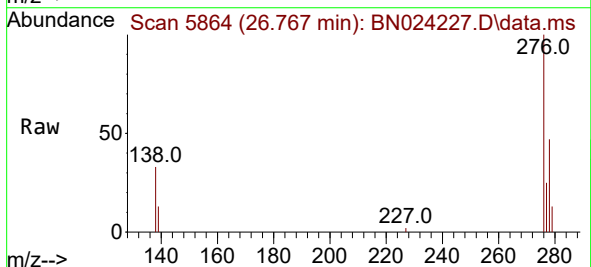
Instrument :
BNA_N
ClientSampleId :
SLCS261

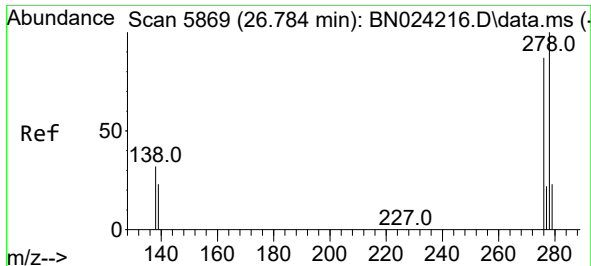
Tgt Ion:252	Resp:	17915
Ion Ratio	Lower	Upper
252	100	
253	25.1	19.2 28.8
125	20.6	15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.767 min Scan# 5864
Delta R.T. 0.010 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:276	Resp:	19426
Ion Ratio	Lower	Upper
276	100	
138	32.5	0.0 0.0#
227	0.1	0.0 0.0#

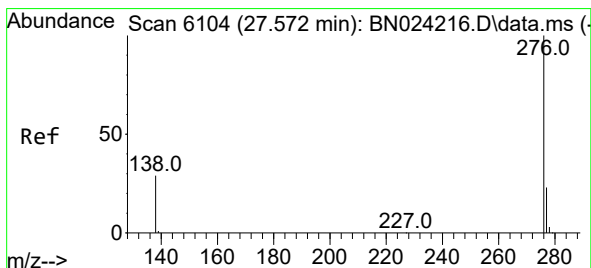
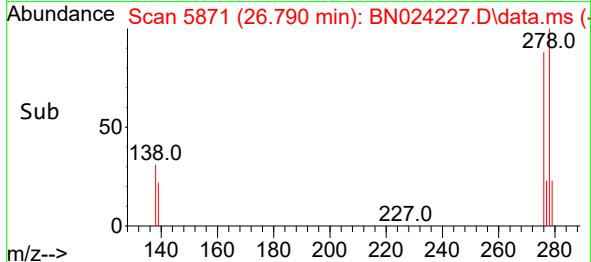
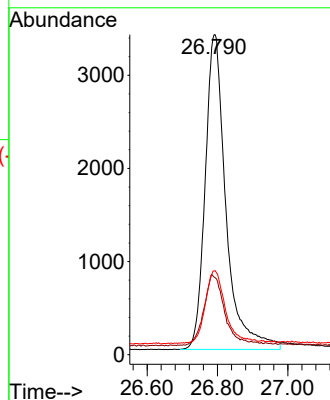
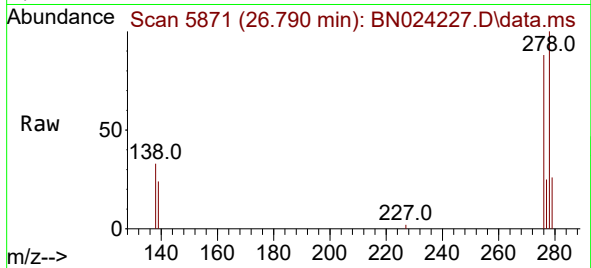




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.790 min Scan# 5871
Delta R.T. 0.007 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SLCS261

Tgt Ion:278 Resp: 13923
Ion Ratio Lower Upper
278 100
139 24.3 21.0 31.6
279 26.1 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.582 min Scan# 6107
Delta R.T. 0.010 min
Lab File: BN024227.D
Acq: 10 Mar 2023 08:29

Tgt Ion:276 Resp: 17939
Ion Ratio Lower Upper
276 100
138 29.4 25.2 37.8
277 24.9 19.4 29.2

