

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024228.D
 Acq On : 10 Mar 2023 09:06
 Operator : CG/JU
 Sample : PB151263BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS263

Quant Time: Mar 11 00:07:02 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)

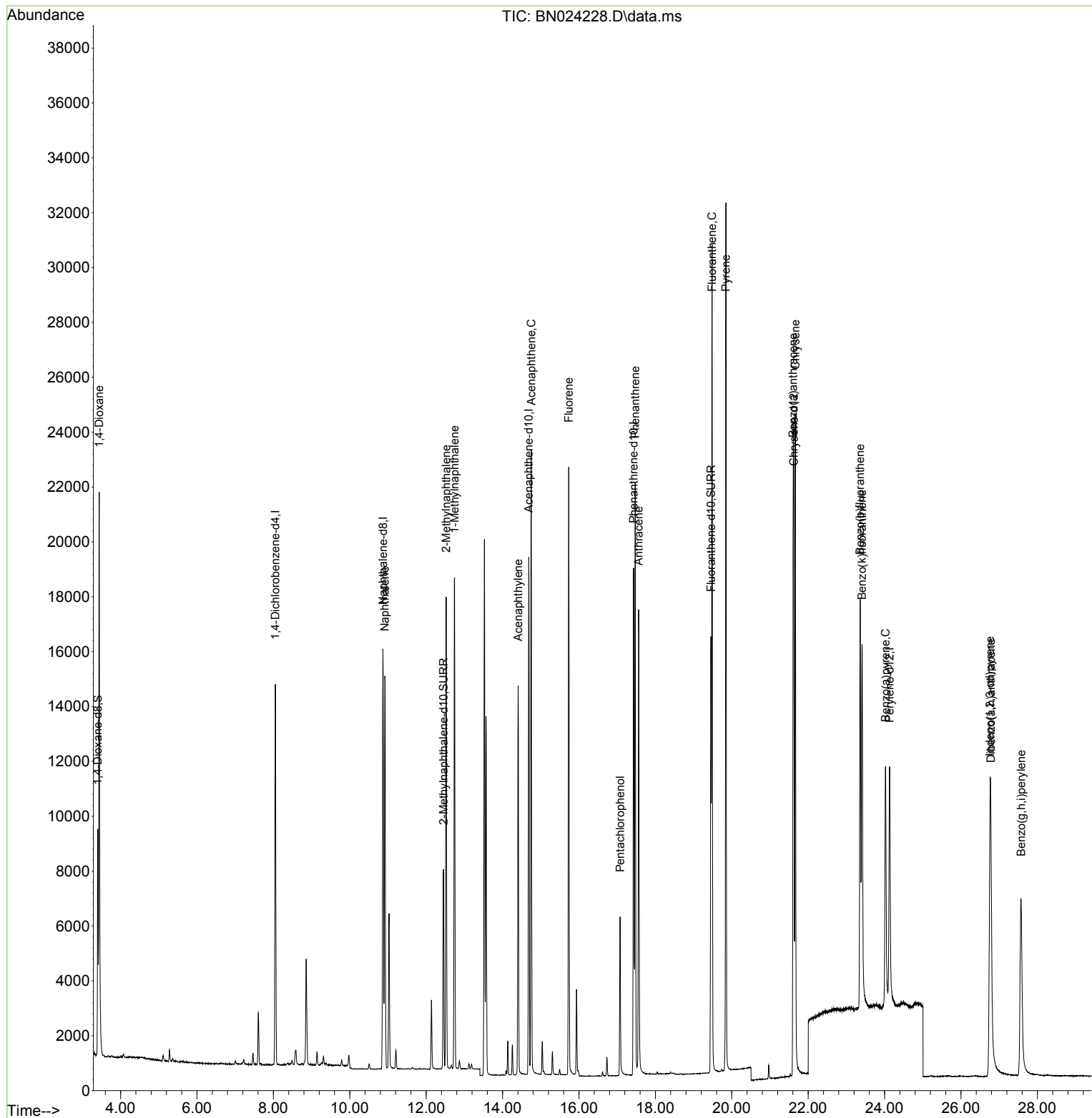
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	20115	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	10399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	21052	0.400	ng/ul	0.00
17) Chrysene-d12	21.624	240	15832	0.400	ng/ul	0.01
23) Perylene-d12	24.129	264	13076	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	5215	0.680	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9064	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	16512	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.439	88	13816	1.657	ng/ul	89
5) Naphthalene	10.916	128	19603	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	11856	0.389	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	12430	0.388	ng/ul	100
10) Acenaphthylene	14.407	152	15936	0.367	ng/ul	100
11) Acenaphthene	14.749	153	12702	0.380	ng/ul	99
12) Fluorene	15.730	166	13872	0.372	ng/ul	98
14) Pentachlorophenol	17.075	266	3910	0.669	ng/ul#	73
15) Phenanthrene	17.472	178	23056	0.382	ng/ul	100
16) Anthracene	17.561	178	18852	0.356	ng/ul	100
19) Fluoranthene	19.483	202	24713	0.392	ng/ul	99
20) Pyrene	19.845	202	25040	0.392	ng/ul	98
21) Benzo(a)anthracene	21.606	228	18958	0.367	ng/ul	100
22) Chrysene	21.662	228	21937	0.402	ng/ul	100
24) Benzo(b)fluoranthene	23.360	252	20034	0.401	ng/ul	99
25) Benzo(k)fluoranthene	23.410	252	20260	0.391	ng/ul	98
26) Benzo(a)pyrene	24.024	252	15773	0.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.760	276	17484	0.361	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.780	278	12500	0.340	ng/ul	98
29) Benzo(g,h,i)perylene	27.575	276	16671	0.397	ng/ul	97

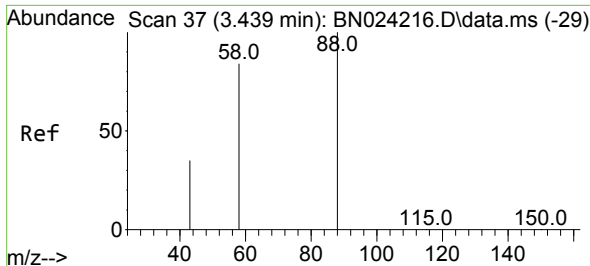
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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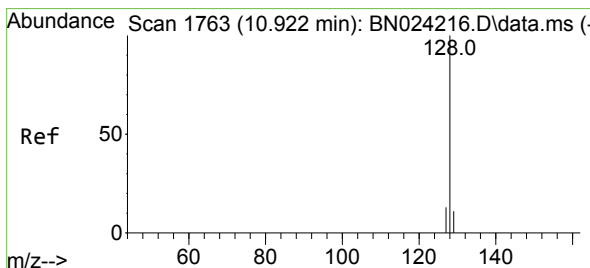
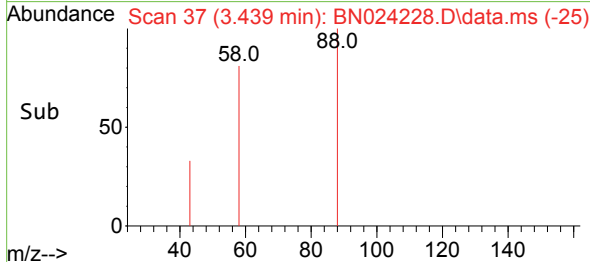
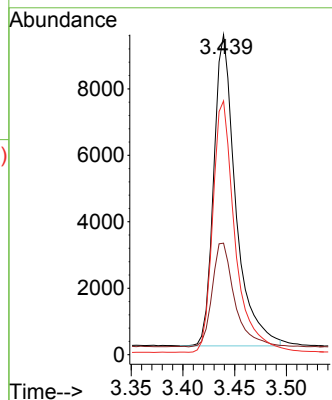
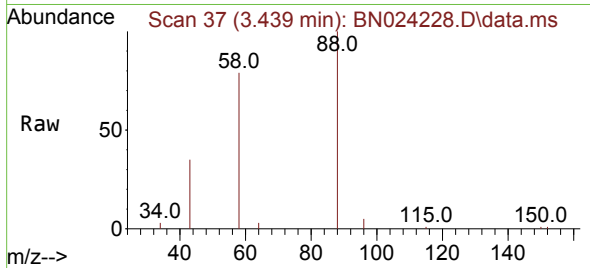




#2
1,4-Dioxane
Concen: 1.657 ng/ul
RT: 3.439 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

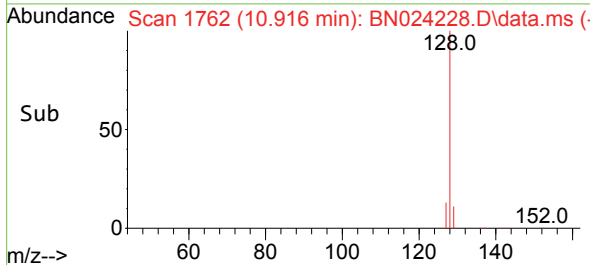
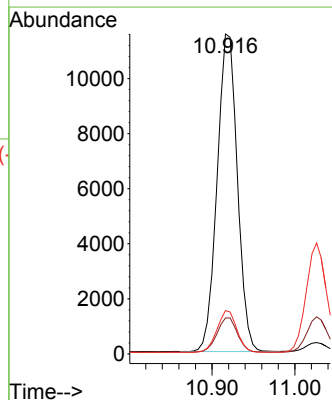
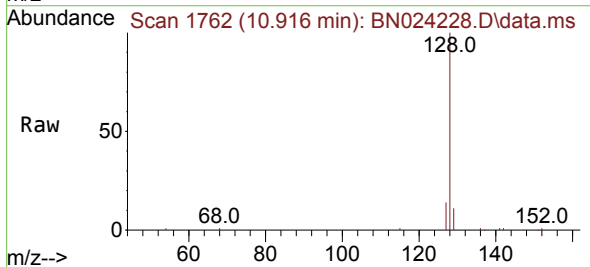
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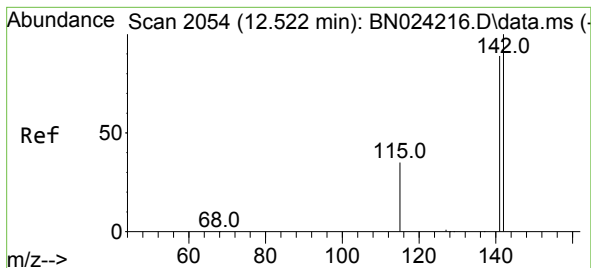
Tgt Ion: 88 Resp: 13816
Ion Ratio Lower Upper
88 100
43 34.8 32.1 48.1
58 79.3 55.1 82.7



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Tgt Ion:128 Resp: 19603
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.5 15.7

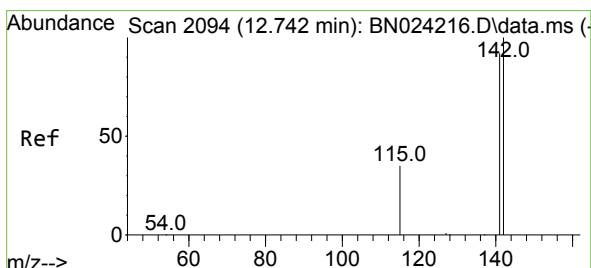
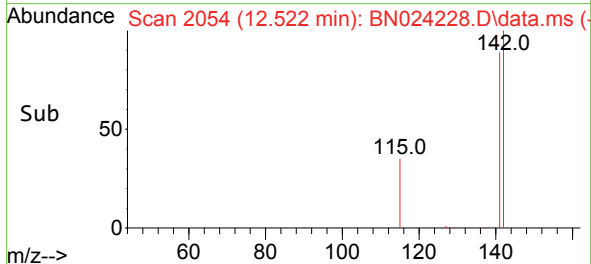
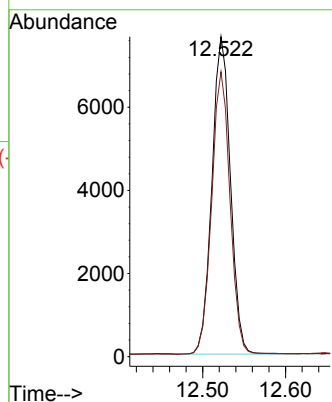
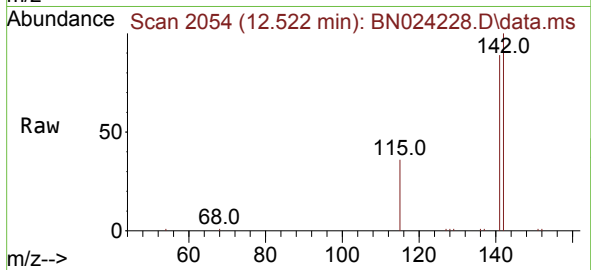




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

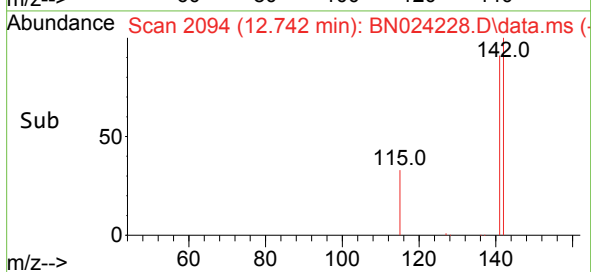
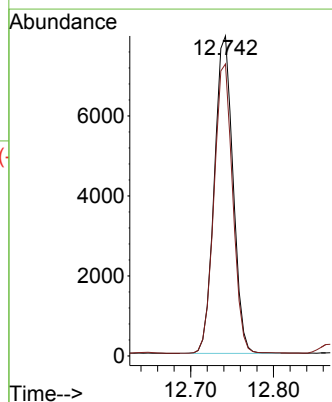
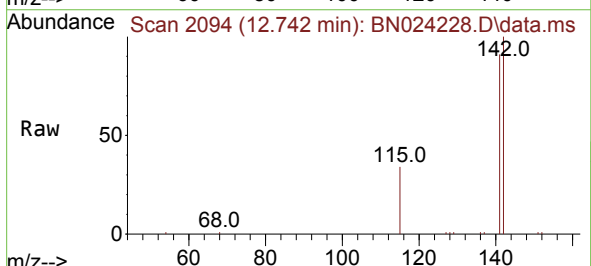
Instrument :
BNA_N
ClientSampleId :
SLCS263

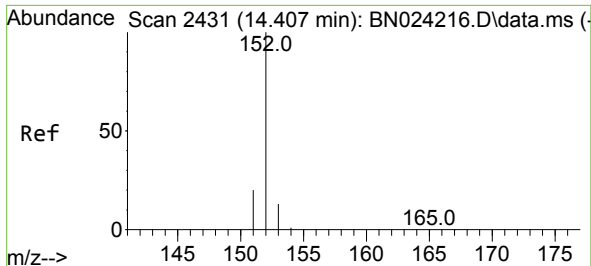
Tgt Ion:142 Resp: 11856
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Tgt Ion:142 Resp: 12430
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6

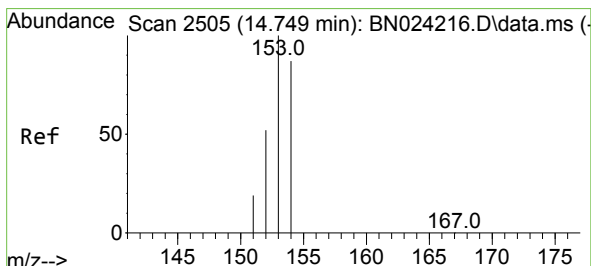
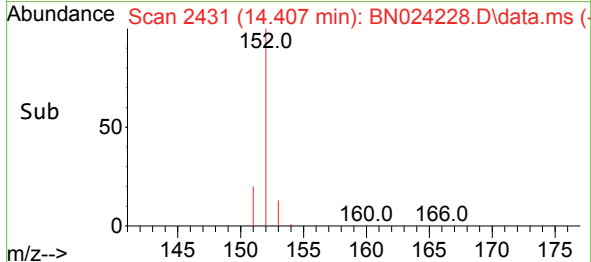
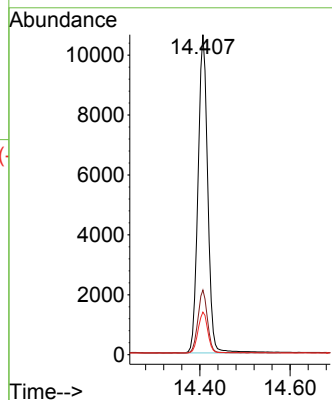
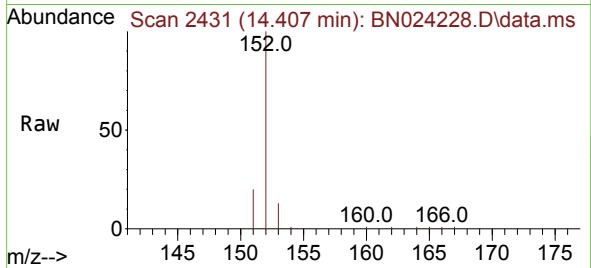




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

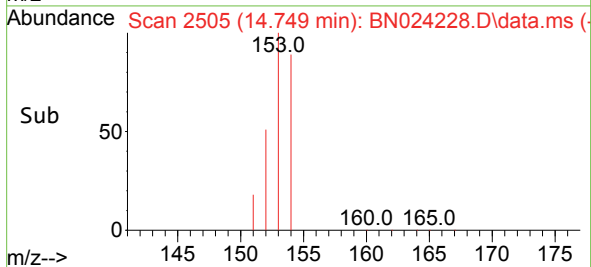
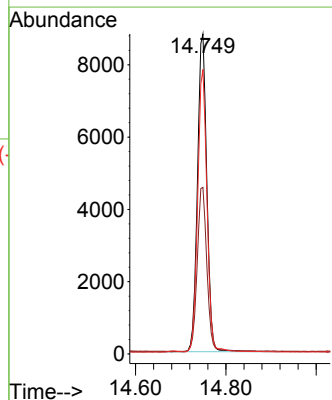
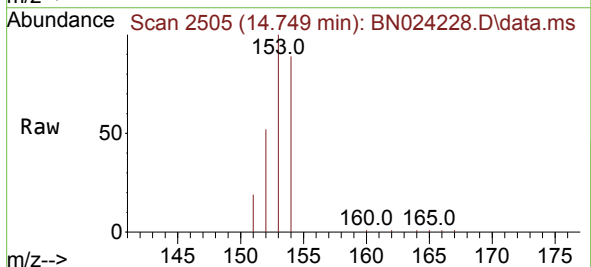
Instrument :
BNA_N
ClientSampleId :
SLCS263

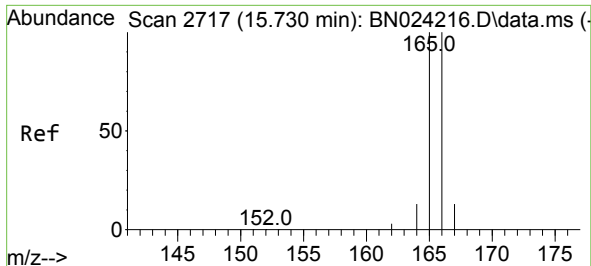
Tgt Ion:152 Resp: 15936
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Tgt Ion:153 Resp: 12702
Ion Ratio Lower Upper
153 100
152 52.1 42.6 64.0
154 88.9 70.6 105.8

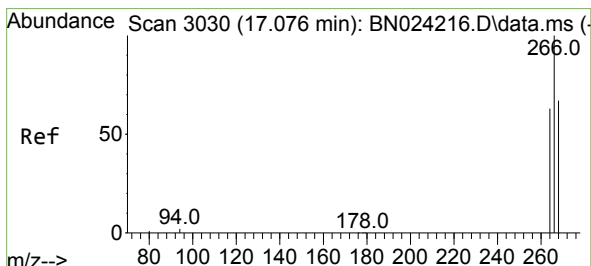
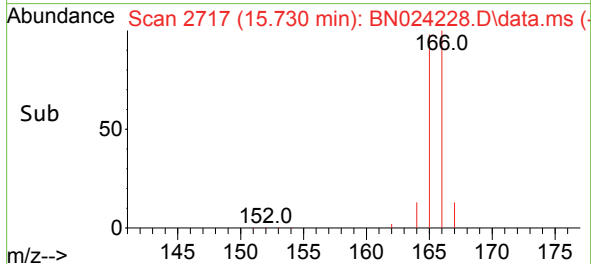
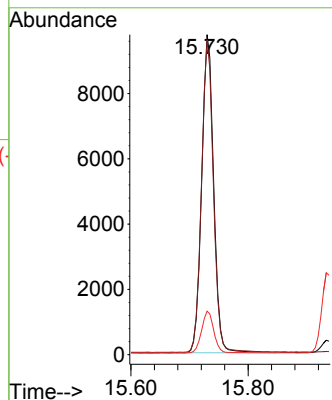
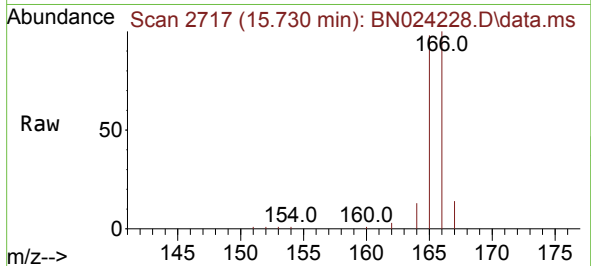




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.730 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024228.D
 Acq: 10 Mar 2023 09:06

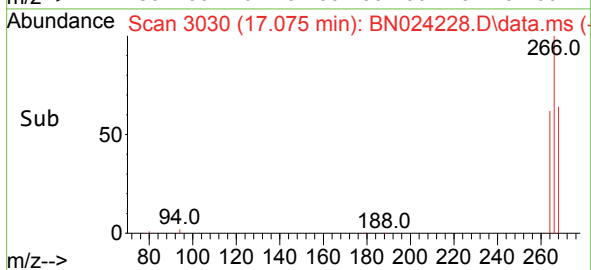
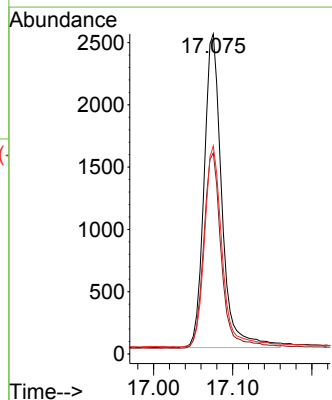
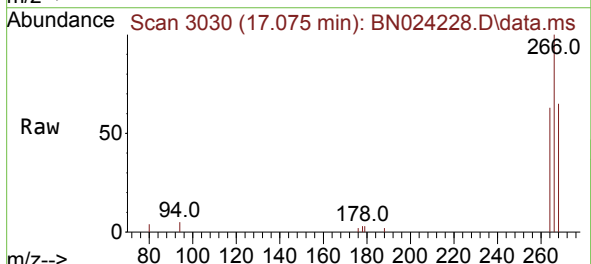
Instrument :
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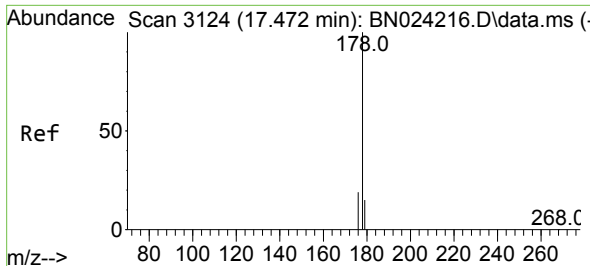
Tgt Ion:166 Resp: 13872
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.4 116.0
 167 13.6 10.9 16.3



#14
 Pentachlorophenol
 Concen: 0.669 ng/ul
 RT: 17.075 min Scan# 3030
 Delta R.T. -0.000 min
 Lab File: BN024228.D
 Acq: 10 Mar 2023 09:06

Tgt Ion:266 Resp: 3910
 Ion Ratio Lower Upper
 266 100
 264 62.4 0.0 0.0#
 268 64.2 0.1 0.1#

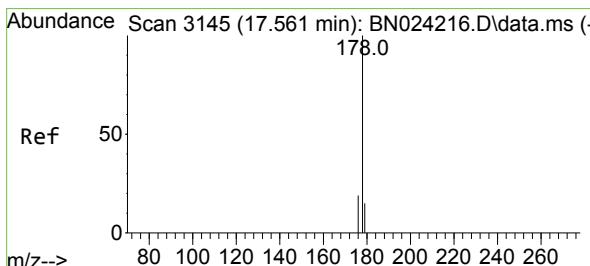
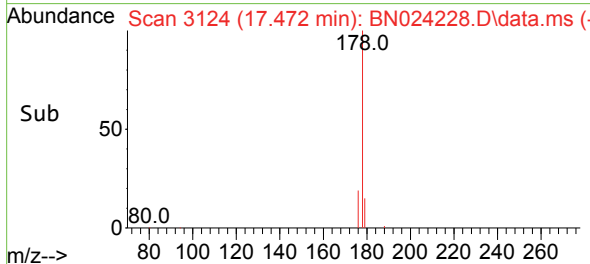
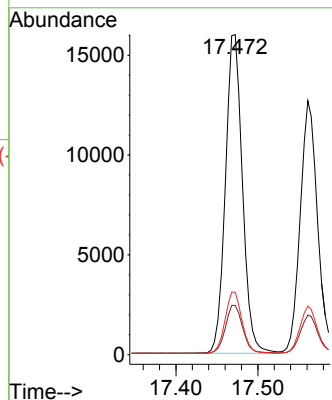
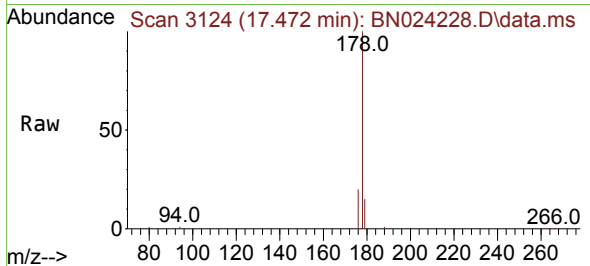




#15
Phenanthrene
Concen: 0.382 ng/u1
RT: 17.472 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

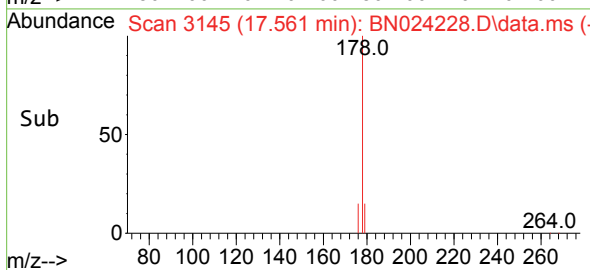
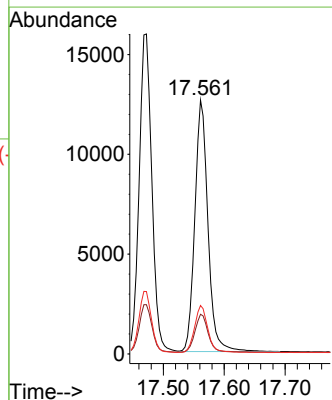
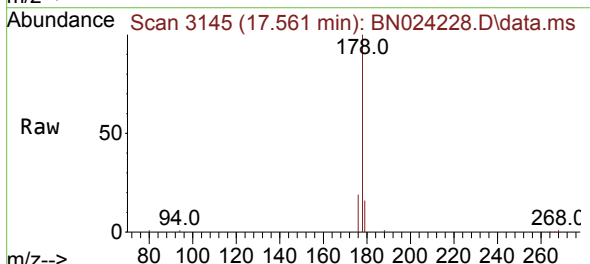
Instrument :
BNA_N
ClientSampleId :
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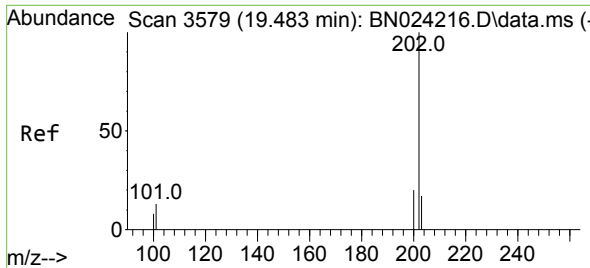
Tgt Ion:178 Resp: 23056
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.356 ng/u1
RT: 17.561 min Scan# 3145
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Tgt Ion:178 Resp: 18852
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.1 15.3 22.9

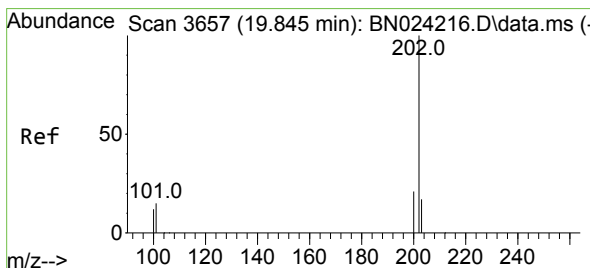
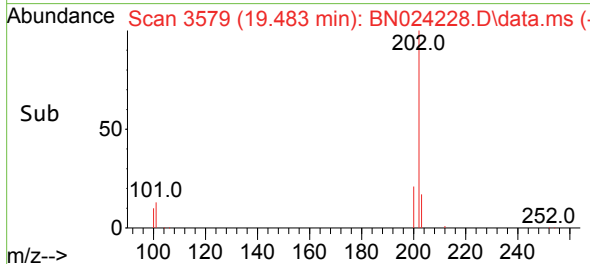
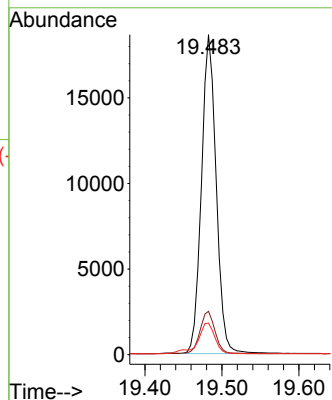
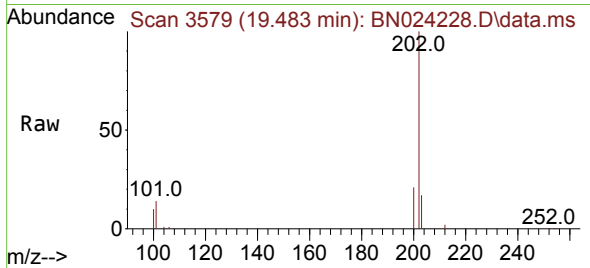




#19
Fluoranthene
Concen: 0.392 ng/u1
RT: 19.483 min Scan# 3579
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

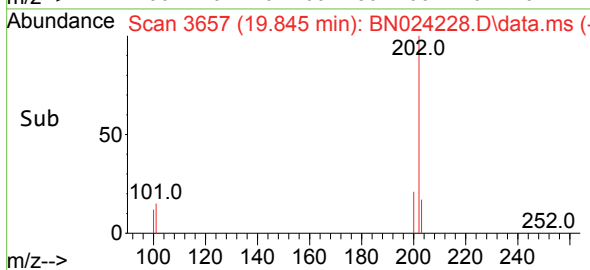
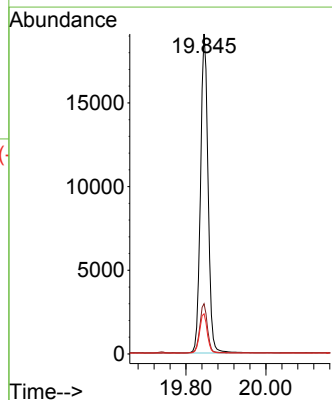
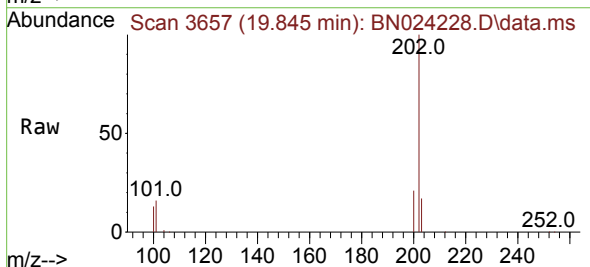
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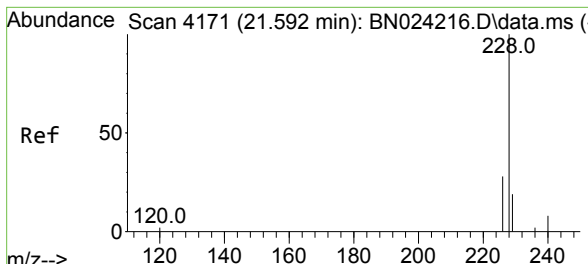
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.4	15.6
100	9.9	7.7	11.5



#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.845 min Scan# 3657
Delta R.T. -0.000 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.1	18.1
100	12.6	9.4	14.0

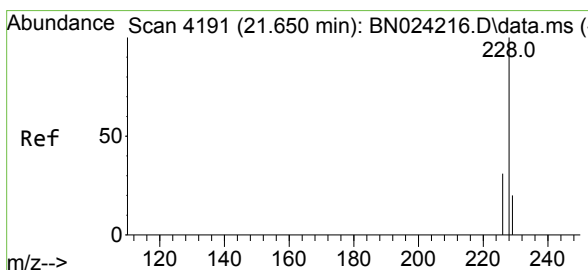
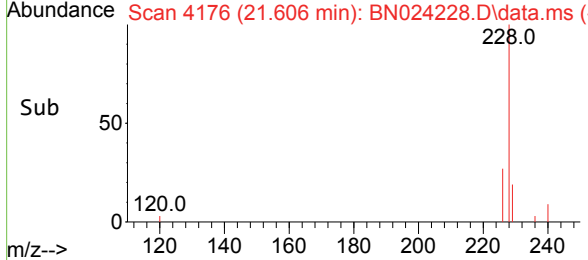
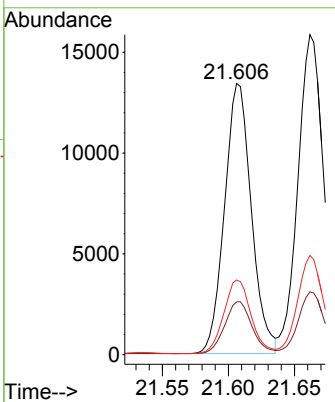
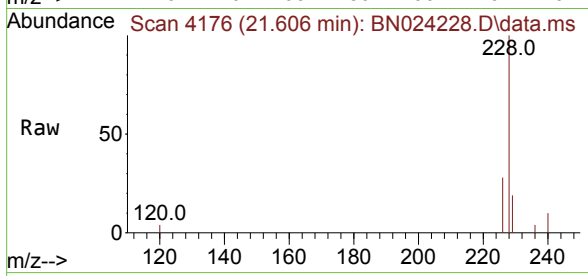




#21
 Benzo(a)anthracene
 Concen: 0.367 ng/ul
 RT: 21.606 min Scan# 4176
 Delta R.T. 0.015 min
 Lab File: BN024228.D
 Acq: 10 Mar 2023 09:06

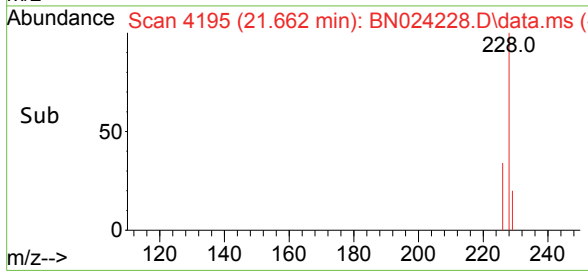
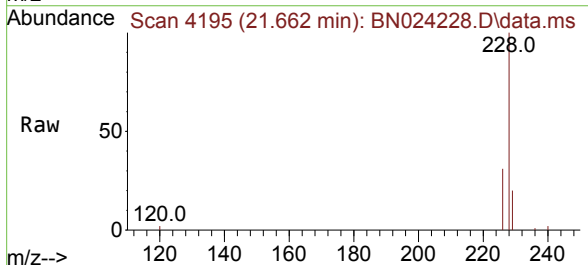
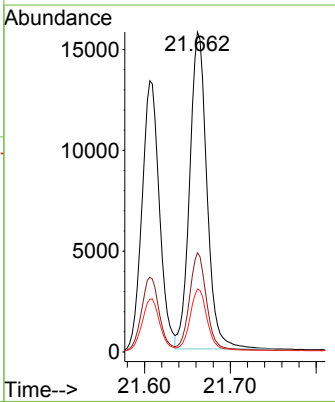
Instrument :
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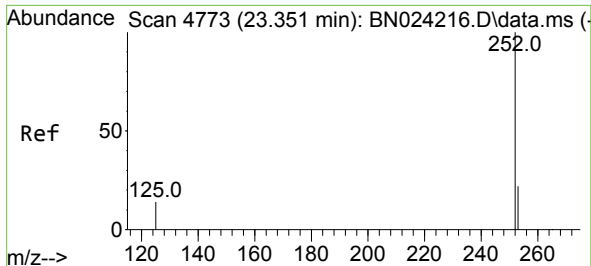
Tgt Ion:	228	Resp:	18958
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.8	23.6
226	27.5	22.2	33.4



#22
 Chrysene
 Concen: 0.402 ng/ul
 RT: 21.662 min Scan# 4195
 Delta R.T. 0.012 min
 Lab File: BN024228.D
 Acq: 10 Mar 2023 09:06

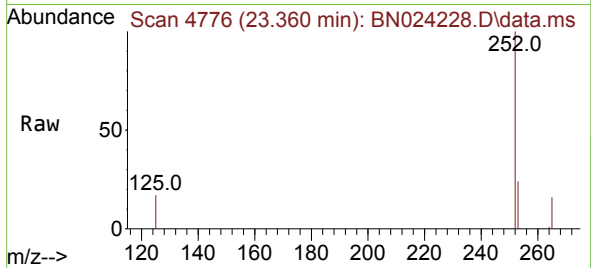
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Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.8	37.2
229	19.6	15.8	23.6



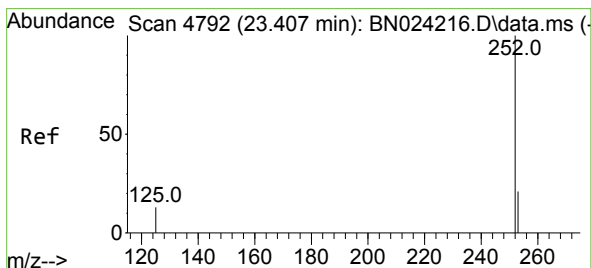
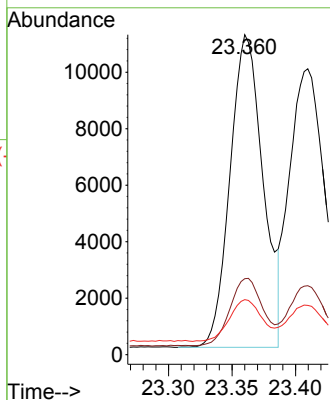


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.360 min Scan# 4776
Delta R.T. 0.009 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Instrument :
BNA_N
ClientSampleId :
SLCS263

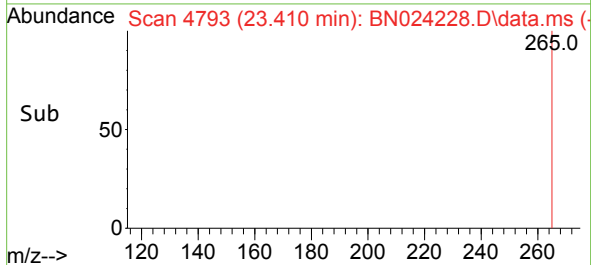
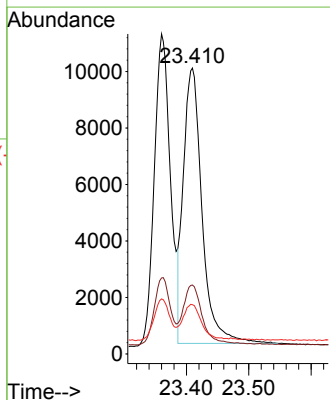
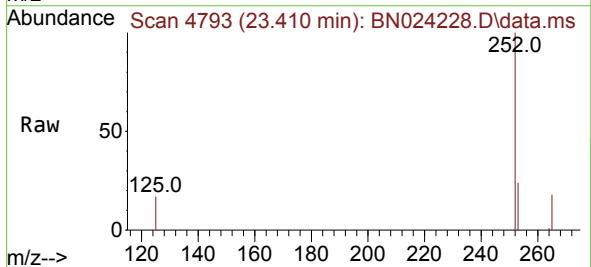


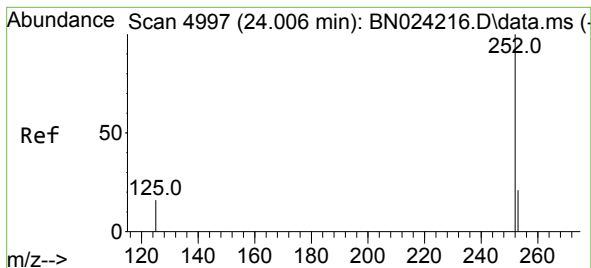
Tgt Ion:252 Resp: 20034
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.2
125 17.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 23.410 min Scan# 4793
Delta R.T. 0.003 min
Lab File: BN024228.D
Acq: 10 Mar 2023 09:06

Tgt Ion:252 Resp: 20260
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 17.3 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.367 ng/ul

RT: 24.024 min Scan# 5003

Delta R.T. 0.018 min

Lab File: BN024228.D

Acq: 10 Mar 2023 09:06

Instrument :

BNA_N

ClientSampleId :

SLCS263

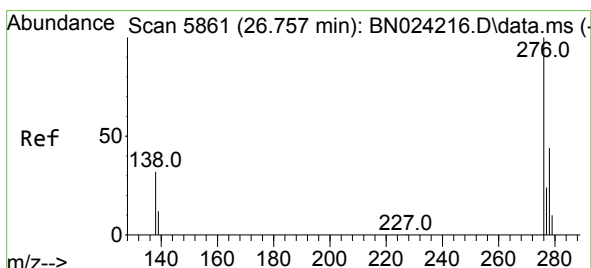
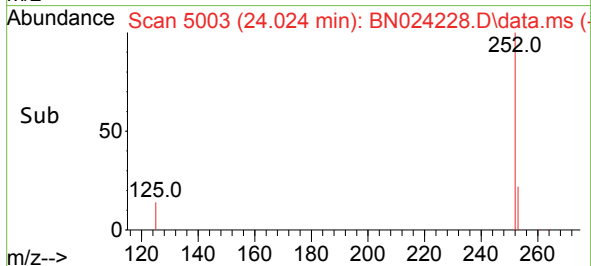
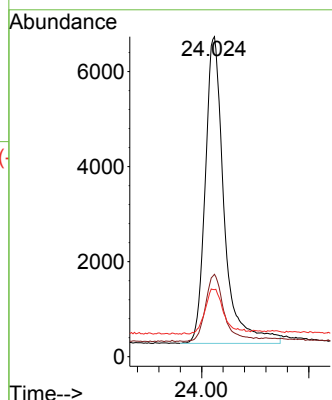
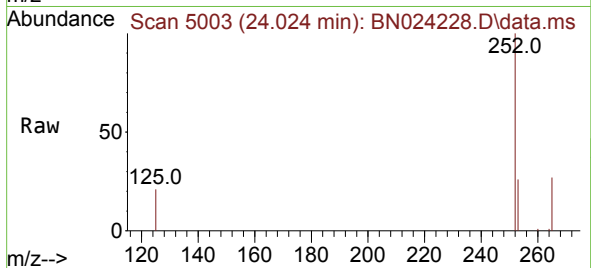
Tgt Ion:252 Resp: 15773

Ion Ratio Lower Upper

252 100

253 25.8 19.2 28.8

125 20.9 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.361 ng/ul

RT: 26.760 min Scan# 5862

Delta R.T. 0.003 min

Lab File: BN024228.D

Acq: 10 Mar 2023 09:06

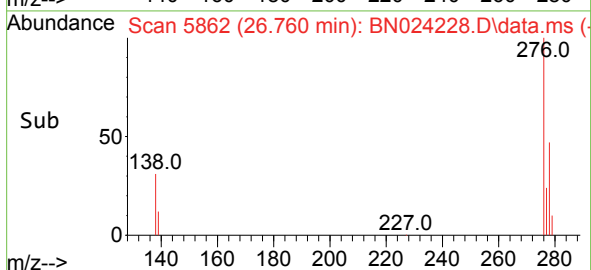
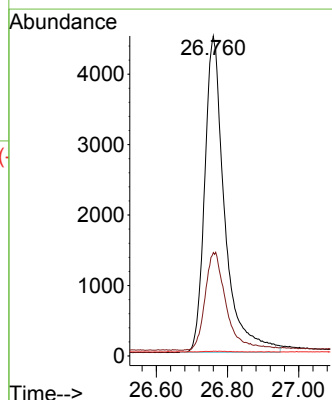
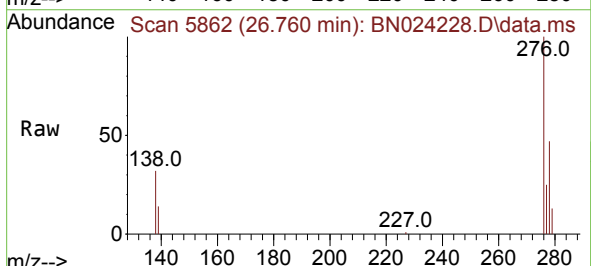
Tgt Ion:276 Resp: 17484

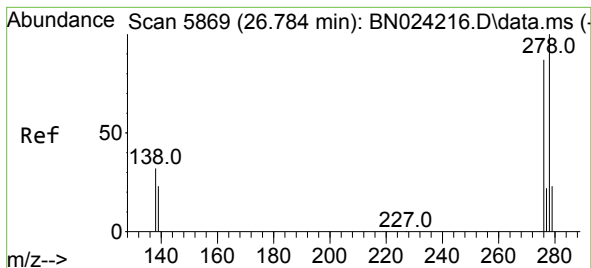
Ion Ratio Lower Upper

276 100

138 33.2 0.0 0.0#

227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.340 ng/ul

RT: 26.780 min Scan# 5869

Delta R.T. -0.003 min

Lab File: BN024228.D

Acq: 10 Mar 2023 09:06

Instrument :

BNA_N

ClientSampleId :

SLCS263

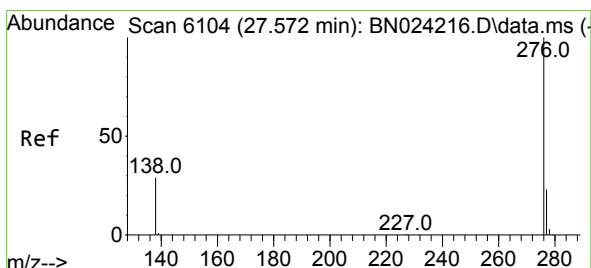
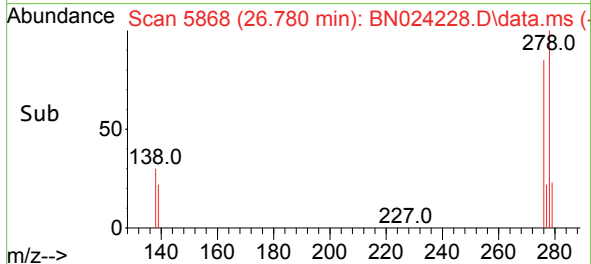
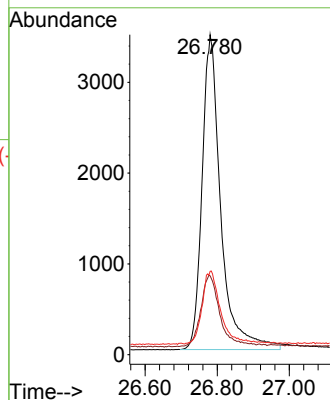
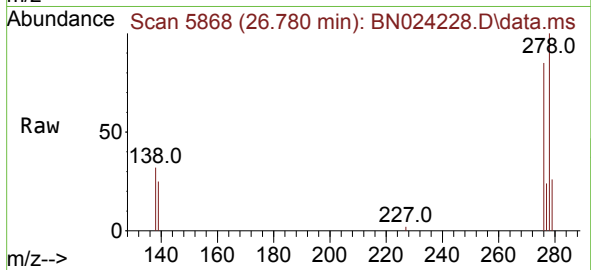
Tgt Ion:278 Resp: 12500

Ion Ratio Lower Upper

278 100

139 24.6 21.0 31.6

279 26.0 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.397 ng/ul

RT: 27.575 min Scan# 6105

Delta R.T. 0.003 min

Lab File: BN024228.D

Acq: 10 Mar 2023 09:06

Tgt Ion:276 Resp: 16671

Ion Ratio Lower Upper

276 100

138 29.1 25.2 37.8

277 24.7 19.4 29.2

