

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025008.D
 Acq On : 19 Apr 2023 18:39
 Operator : CG/JU
 Sample : PB152130BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS130

Quant Time: Apr 20 04:21:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 18:38:47 2023
 Response via : Initial Calibration

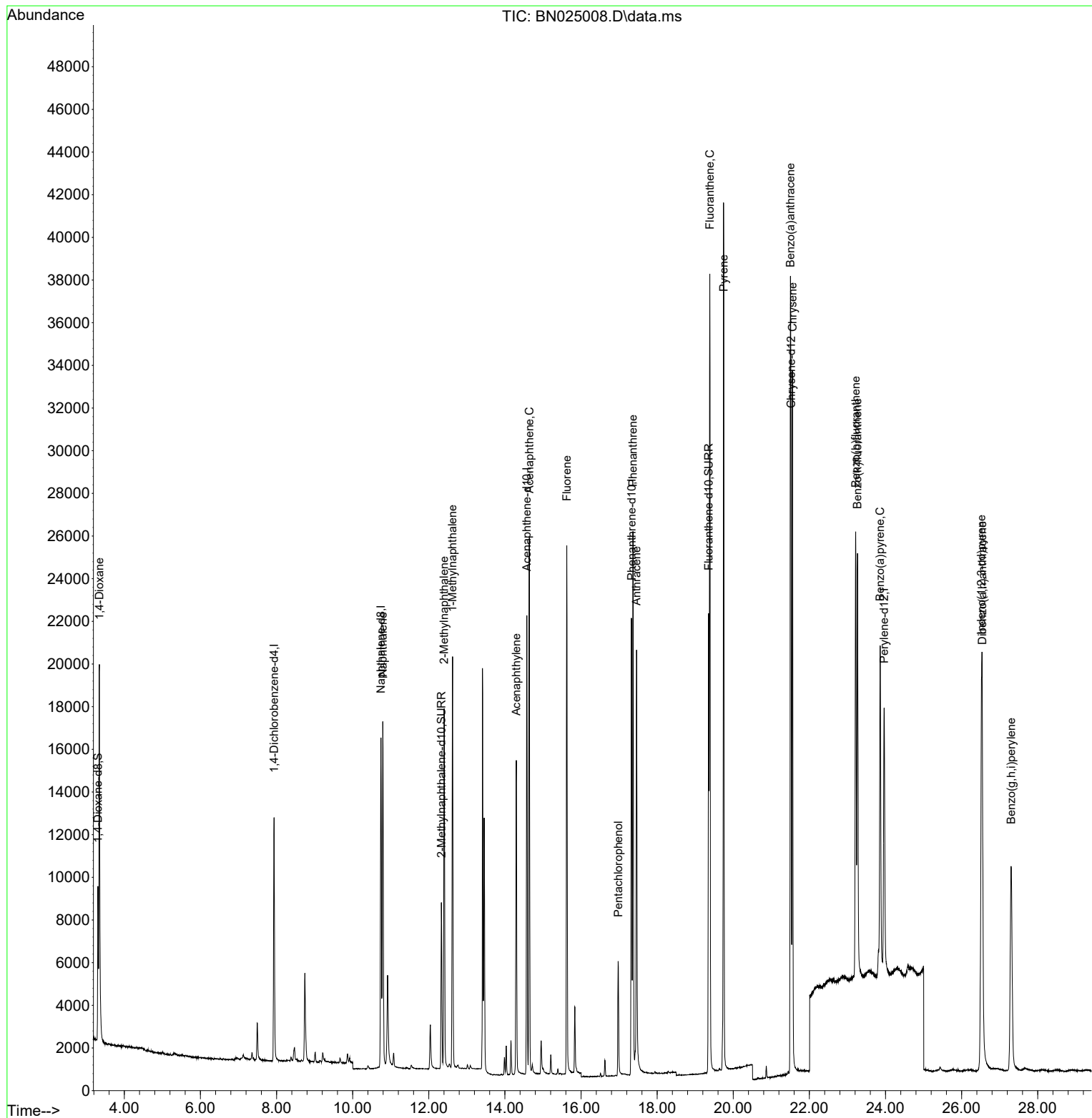
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	19827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.576	164	11518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	25279	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	20815	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	17764	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4653	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10156	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	24009	0.464	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	11848	1.580	ng/ul	96
5) Naphthalene	10.792	128	23593	0.467	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	12259	0.390	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	13194	0.396	ng/ul	100
10) Acenaphthylene	14.298	152	17420	0.403	ng/ul	98
11) Acenaphthene	14.640	153	14683	0.397	ng/ul	98
12) Fluorene	15.626	166	16046	0.387	ng/ul	98
14) Pentachlorophenol	16.976	266	3850	0.714	ng/ul	99
15) Phenanthrene	17.365	178	27760	0.390	ng/ul	99
16) Anthracene	17.457	178	23672	0.400	ng/ul	99
19) Fluoranthene	19.383	202	31652	0.442	ng/ul	100
20) Pyrene	19.745	202	33081	0.450	ng/ul	99
21) Benzo(a)anthracene	21.500	228	28513	0.434	ng/ul	100
22) Chrysene	21.556	228	29564	0.415	ng/ul	99
24) Benzo(b)fluoranthene	23.216	252	27344	0.384	ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	27418	0.394	ng/ul	99
26) Benzo(a)pyrene	23.859	252	22735	0.385	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.521	276	26746	0.384	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.542	278	21369	0.390	ng/ul	97
29) Benzo(g,h,i)perylene	27.303	276	22544	0.382	ng/ul	100

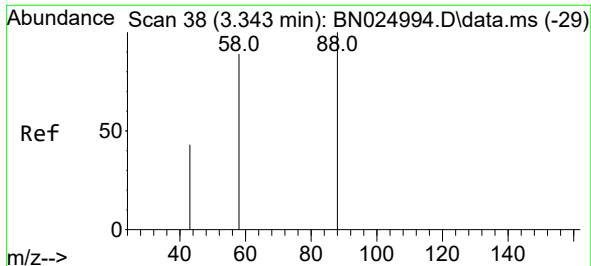
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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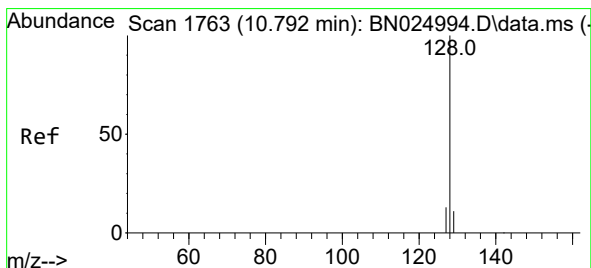
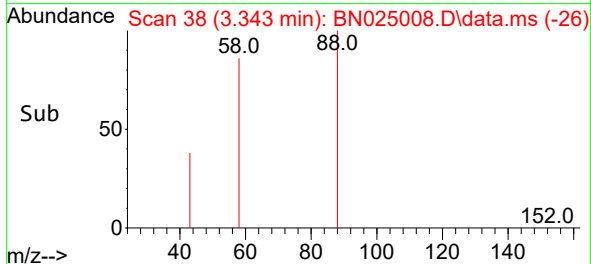
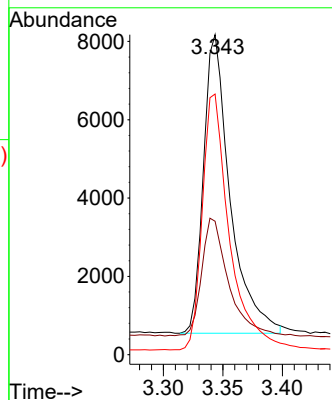
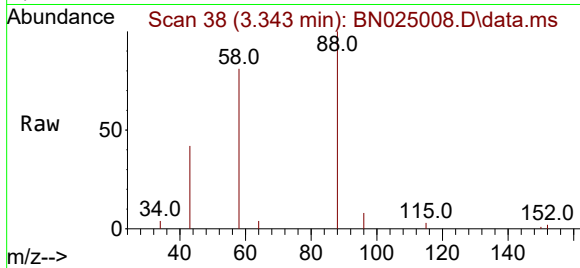




#2
 1,4-Dioxane
 Concen: 1.580 ng/ul
 RT: 3.343 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025008.D
 Acq: 19 Apr 2023 18:39

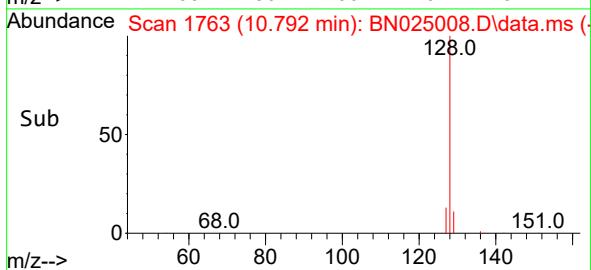
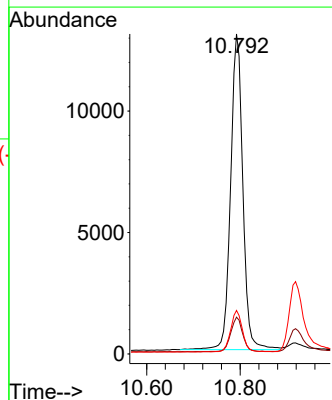
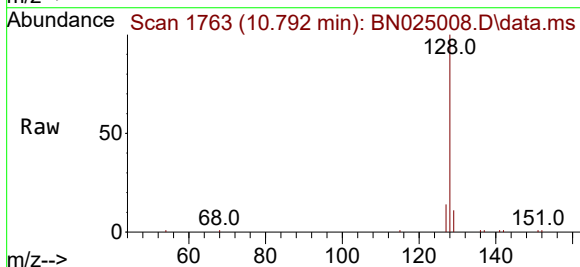
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 BNA_N
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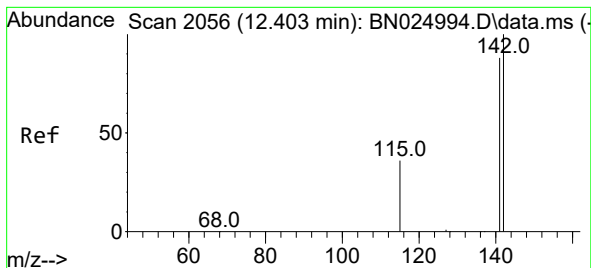
Tgt Ion: 88 Resp: 11848
 Ion Ratio Lower Upper
 88 100
 43 41.7 39.1 58.7
 58 81.5 65.7 98.5



#5
 Naphthalene
 Concen: 0.467 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025008.D
 Acq: 19 Apr 2023 18:39

Tgt Ion:128 Resp: 23593
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.6 10.5 15.7

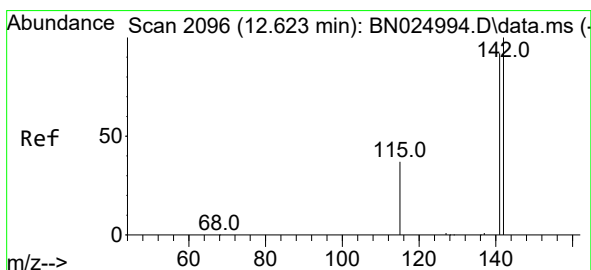
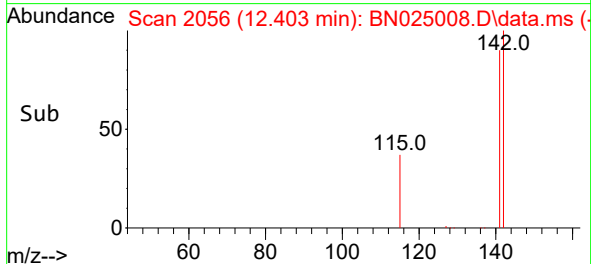
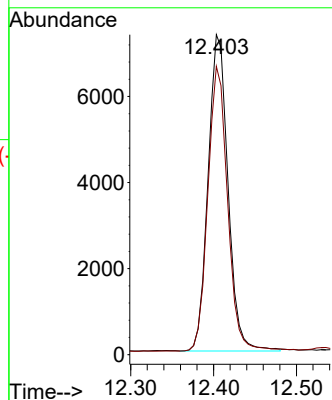
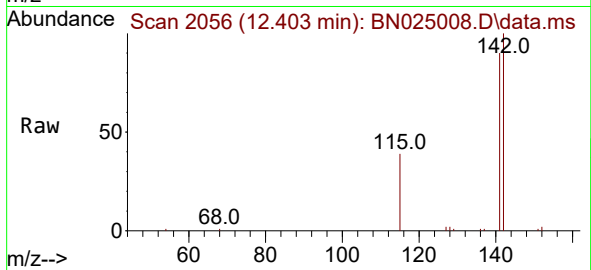




#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

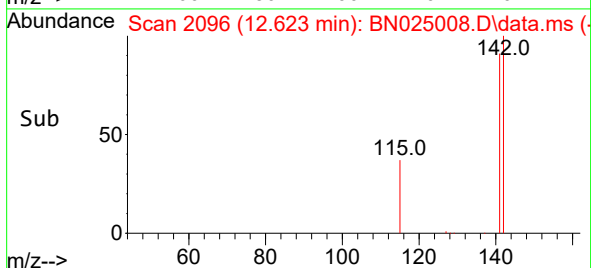
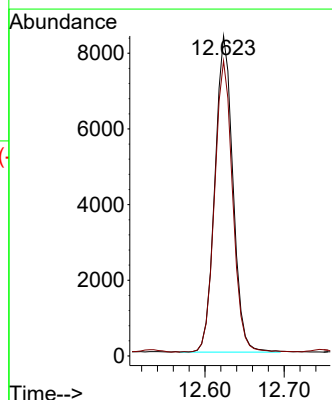
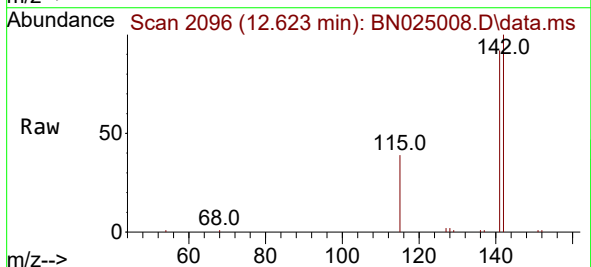
Instrument :
BNA_N
ClientSampleId :
SLCS130

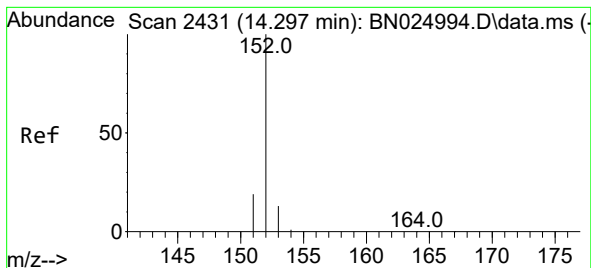
Tgt Ion:142 Resp: 12259
Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:142 Resp: 13194
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0





#10

Acenaphthylene

Concen: 0.403 ng/ul

RT: 14.298 min Scan# 2431

Delta R.T. 0.001 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

Instrument :

BNA_N

ClientSampleId :

SLCS130

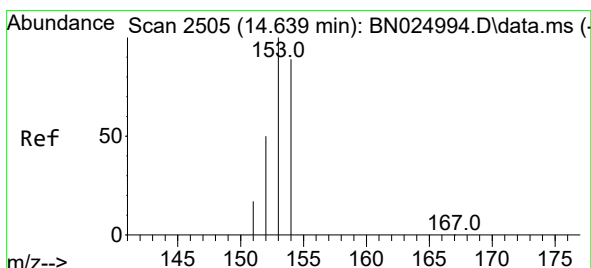
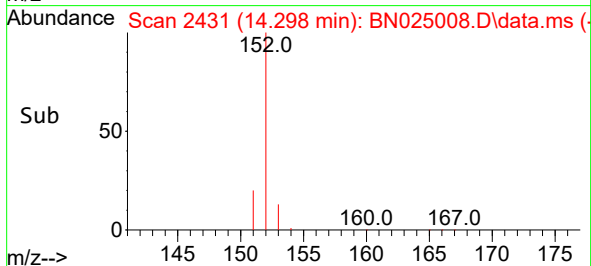
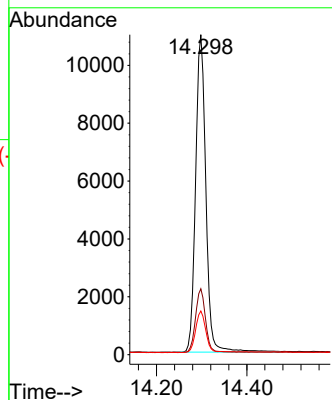
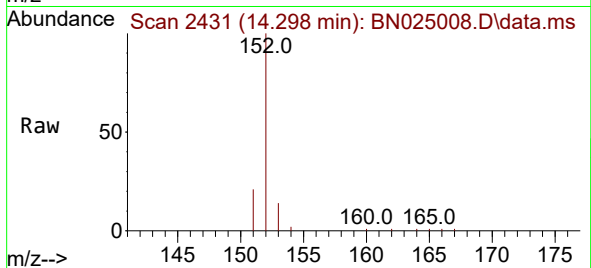
Tgt Ion:152 Resp: 17420

Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

153 13.6 10.6 16.0



#11

Acenaphthene

Concen: 0.397 ng/ul

RT: 14.640 min Scan# 2505

Delta R.T. 0.001 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

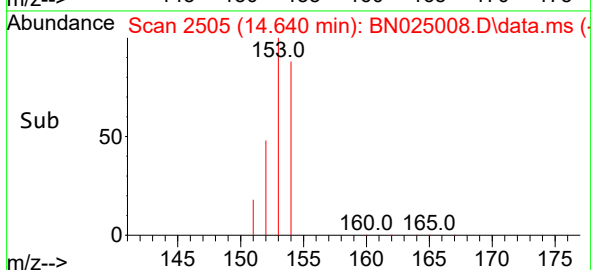
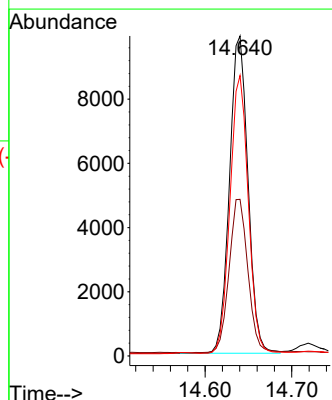
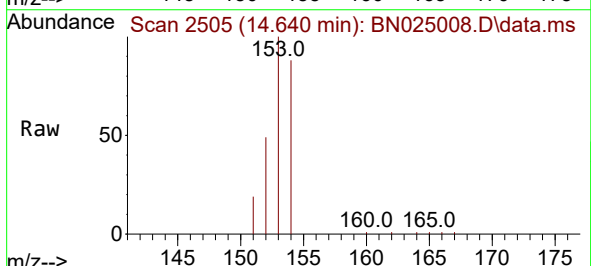
Tgt Ion:153 Resp: 14683

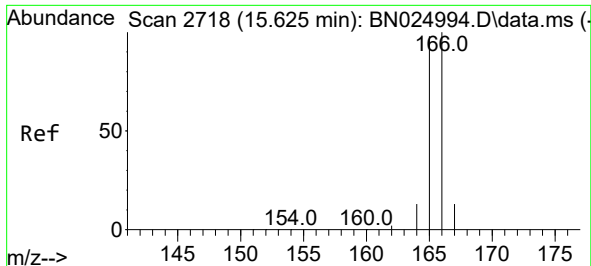
Ion Ratio Lower Upper

153 100

152 49.0 40.7 61.1

154 87.7 69.4 104.2

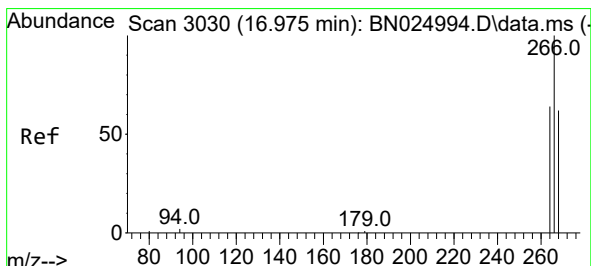
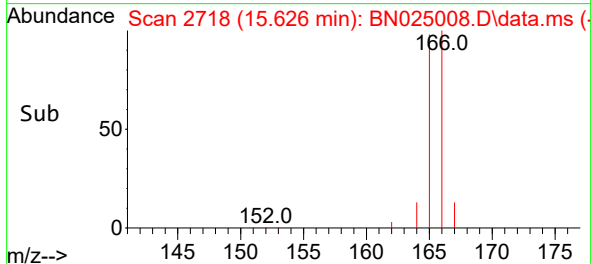
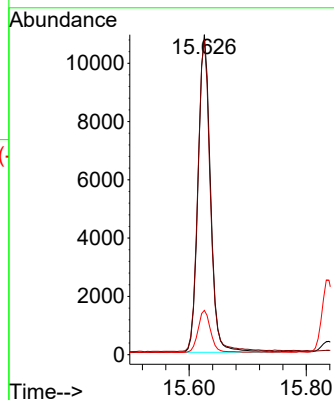
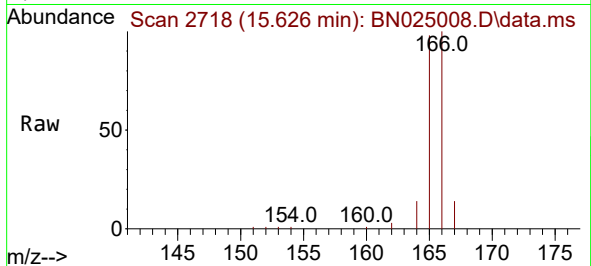




#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.626 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

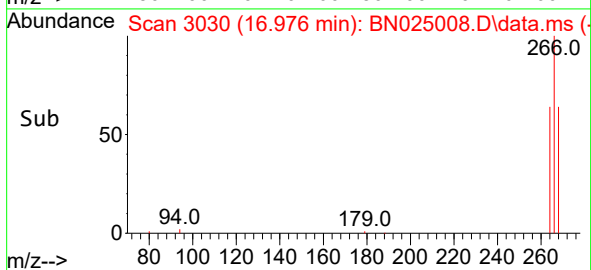
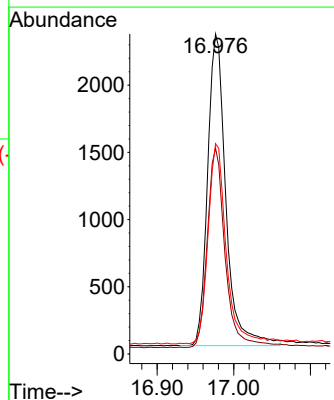
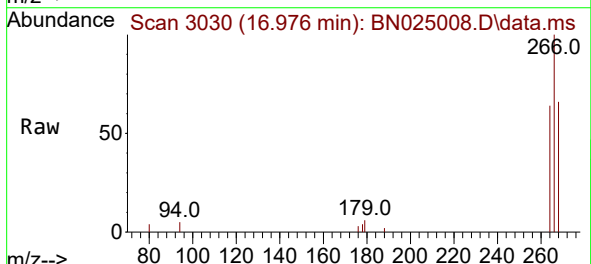
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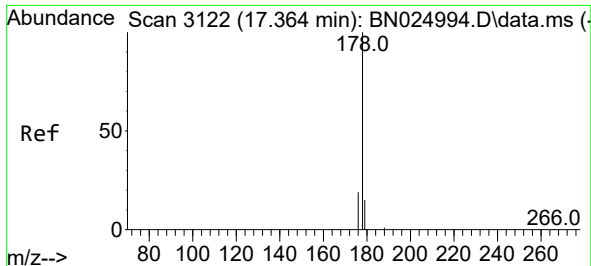
Tgt Ion:166 Resp: 16046
Ion Ratio Lower Upper
166 100
165 98.3 80.1 120.1
167 13.9 10.7 16.1



#14
Pentachlorophenol
Concen: 0.714 ng/ul
RT: 16.976 min Scan# 3030
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:266 Resp: 3850
Ion Ratio Lower Upper
266 100
264 62.1 51.2 76.8
268 64.1 51.4 77.2

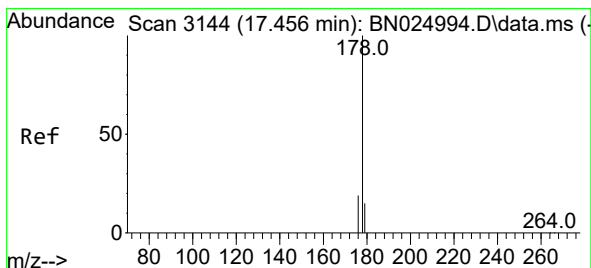
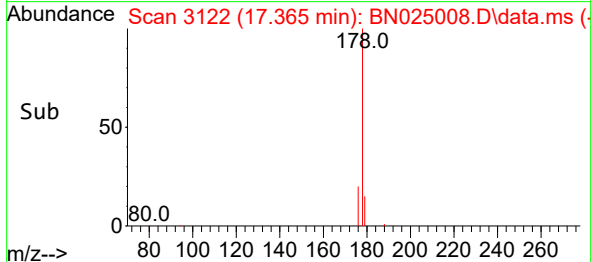
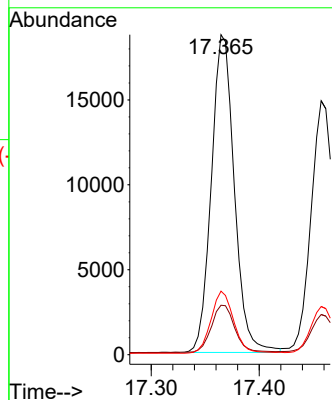
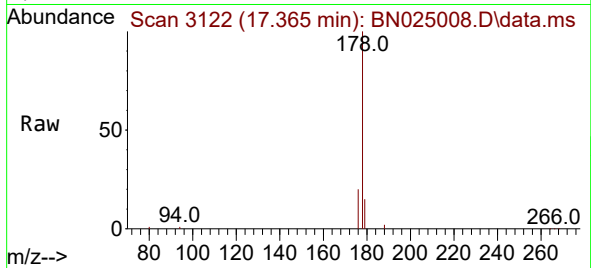




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.365 min Scan# 3122
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

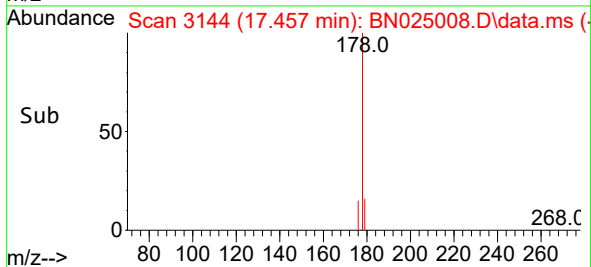
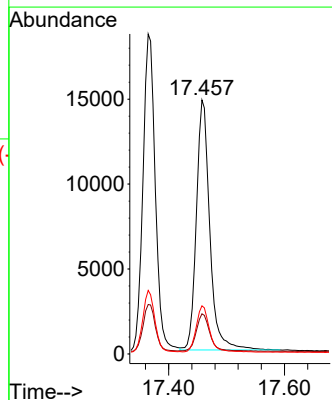
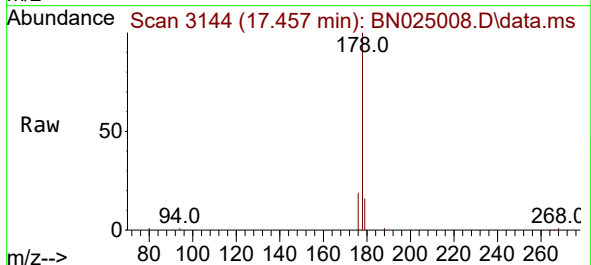
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SLCS130

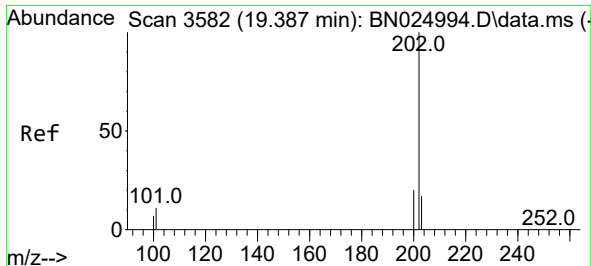
Tgt Ion:178 Resp: 27760
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.9 15.4 23.0



#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:178 Resp: 23672
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.0 14.7 22.1

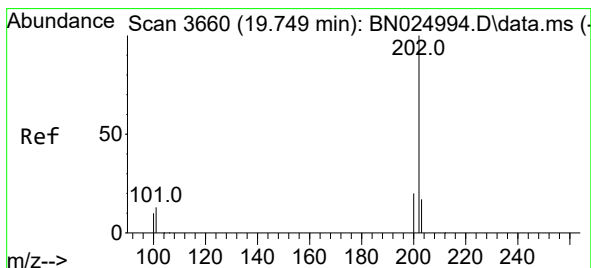
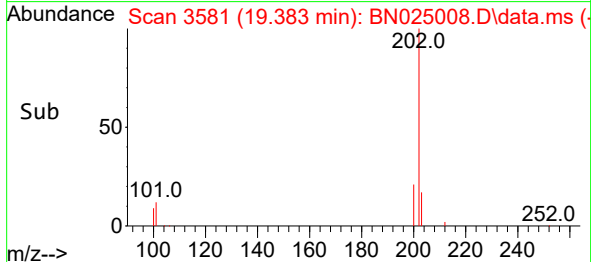
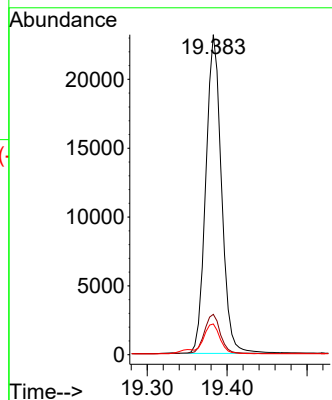
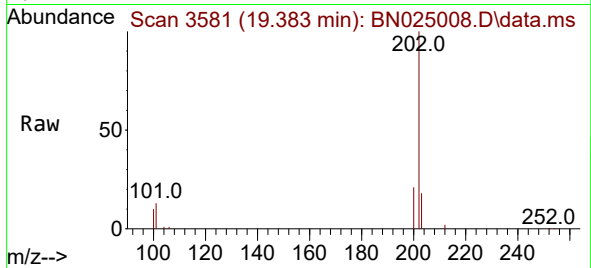




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.383 min Scan# 31652
Delta R.T. -0.004 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

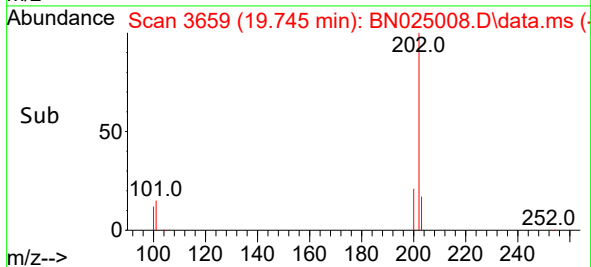
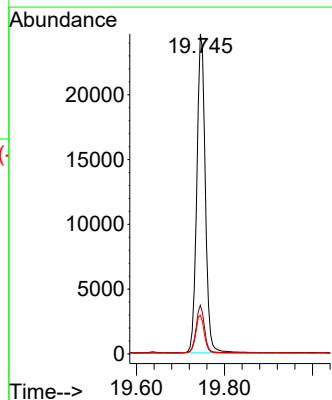
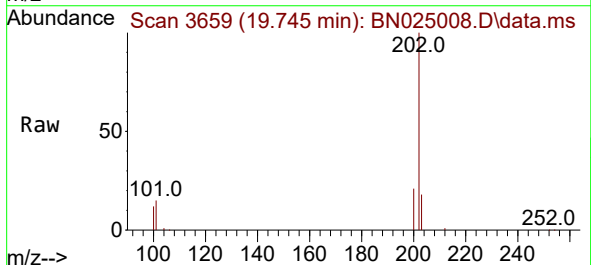
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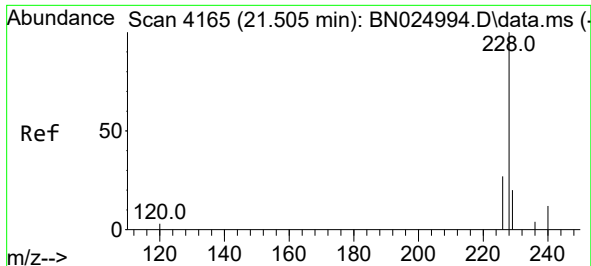
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
100	9.6	7.5	11.3



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.8	17.8
100	12.1	9.5	14.3

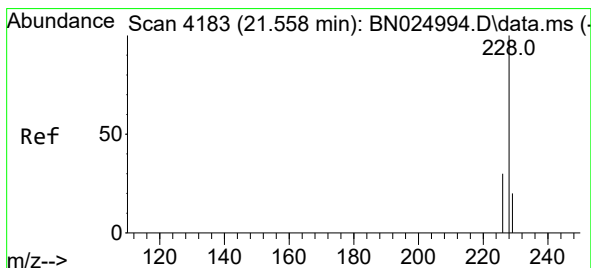
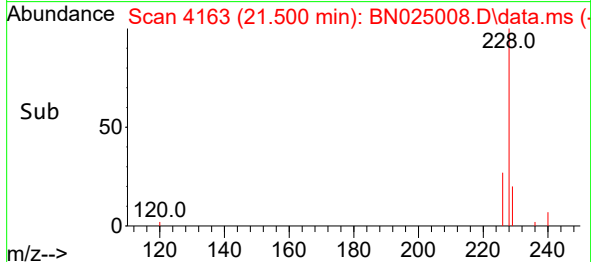
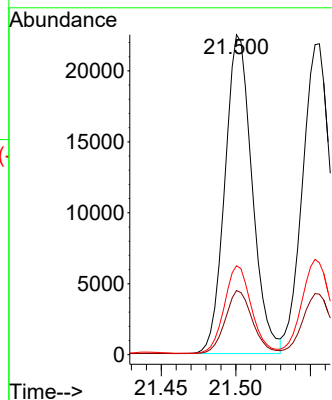
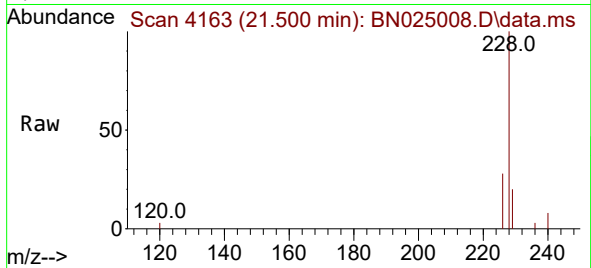




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.500 min Scan# 4165
Delta R.T. -0.005 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

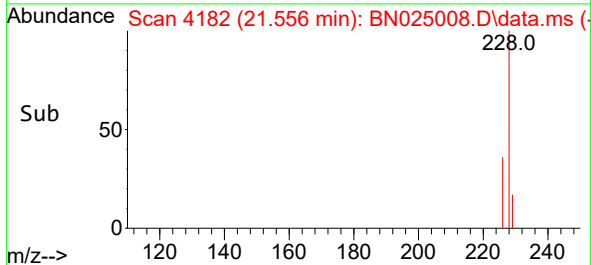
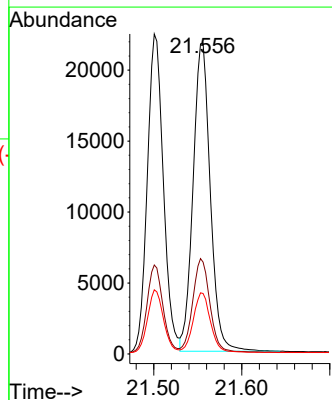
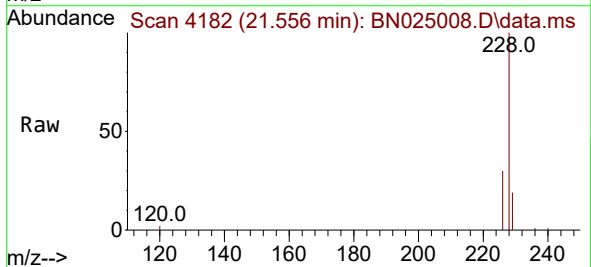
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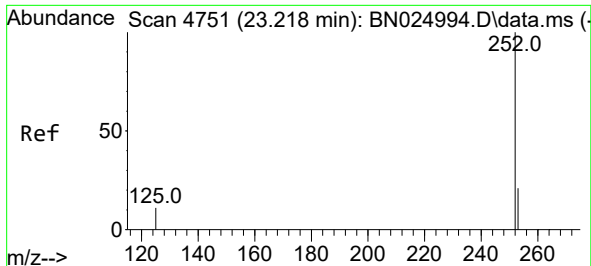
Tgt Ion:228 Resp: 28513
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.556 min Scan# 4182
Delta R.T. -0.002 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

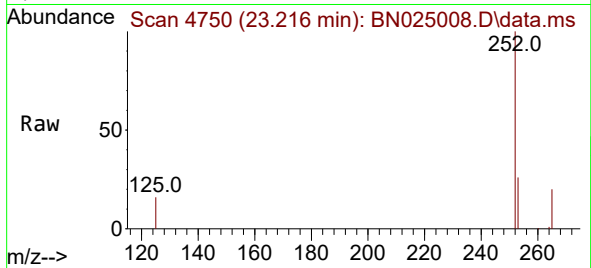
Tgt Ion:228 Resp: 29564
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.4 15.7 23.5



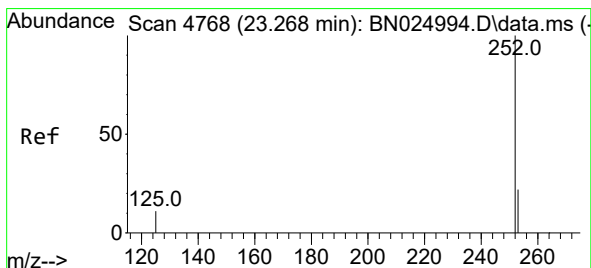
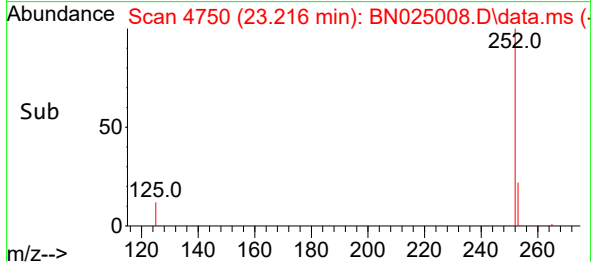
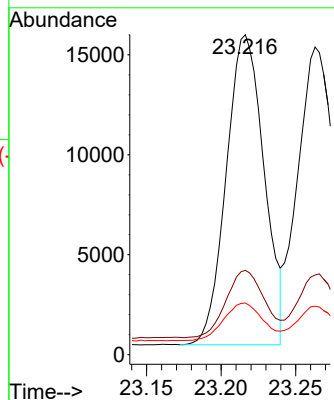


#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.216 min Scan# 4750
Delta R.T. -0.002 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Instrument :
BNA_N
ClientSampleId :
SLCS130

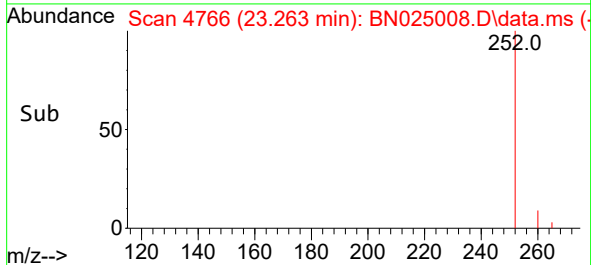
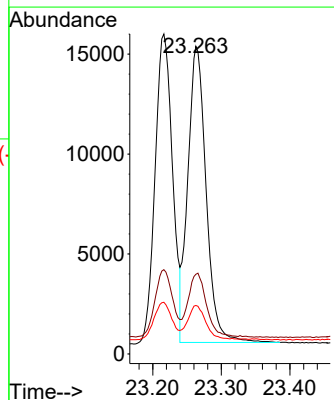
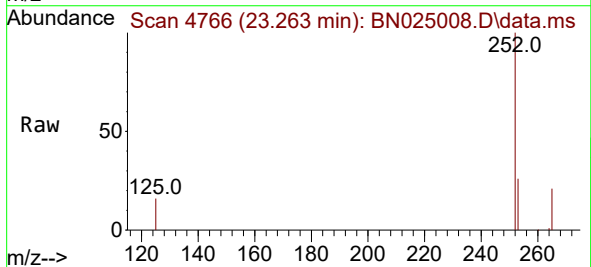


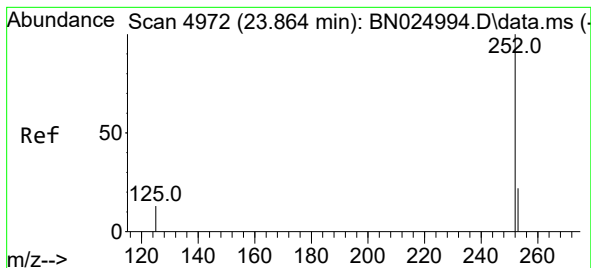
Tgt Ion:252 Resp: 27344
Ion Ratio Lower Upper
252 100
253 26.3 0.0 49.4
125 16.2 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.263 min Scan# 4766
Delta R.T. -0.005 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:252 Resp: 27418
Ion Ratio Lower Upper
252 100
253 25.9 20.1 30.1
125 15.8 12.2 18.2





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.859 min Scan# 4970

Delta R.T. -0.005 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

Instrument :

BNA_N

ClientSampleId :

SLCS130

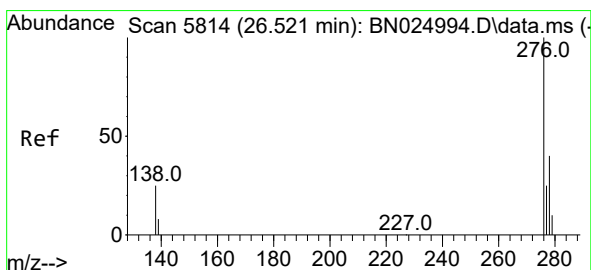
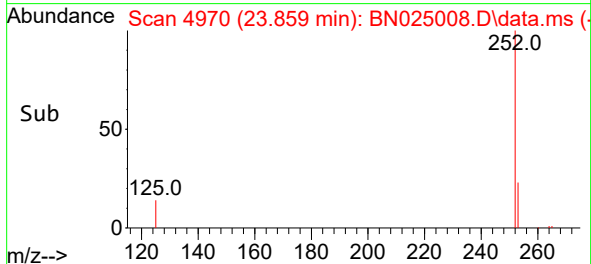
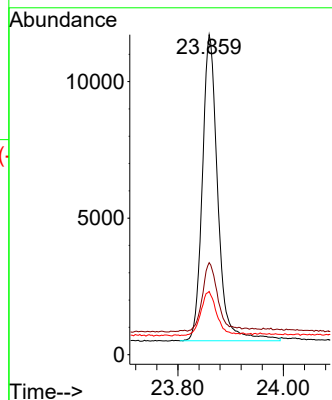
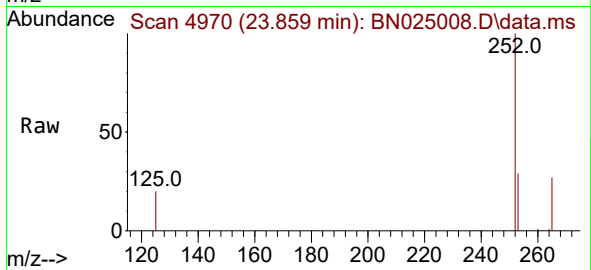
Tgt Ion:252 Resp: 22735

Ion Ratio Lower Upper

252 100

253 28.8 20.7 31.1

125 19.7 15.9 23.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 26.521 min Scan# 5814

Delta R.T. 0.001 min

Lab File: BN025008.D

Acq: 19 Apr 2023 18:39

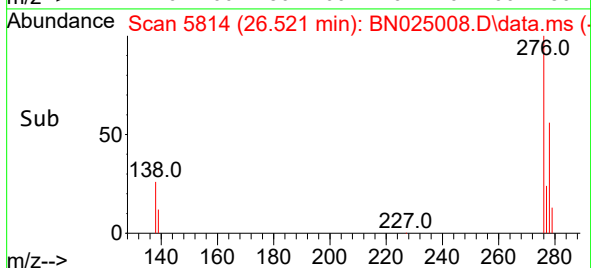
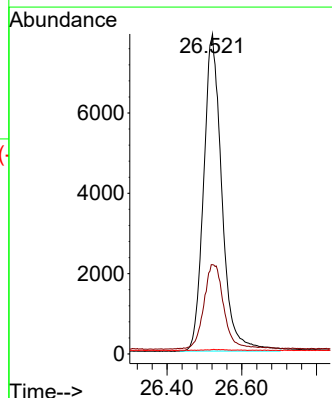
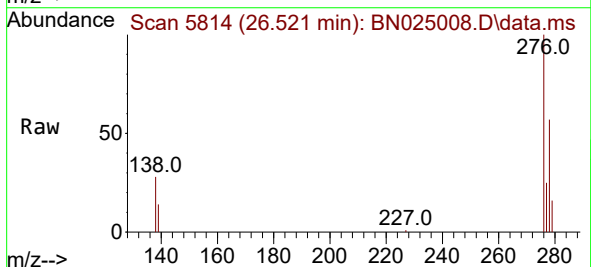
Tgt Ion:276 Resp: 26746

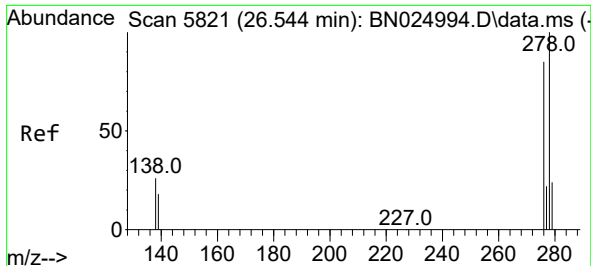
Ion Ratio Lower Upper

276 100

138 29.5 24.2 36.2

227 0.2 0.0 0.0

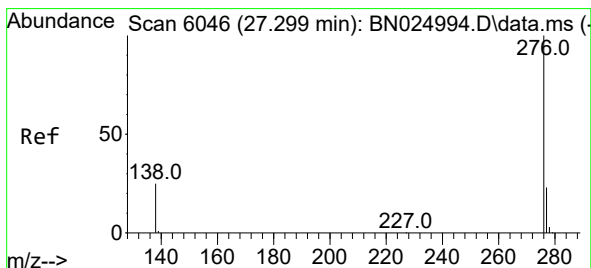
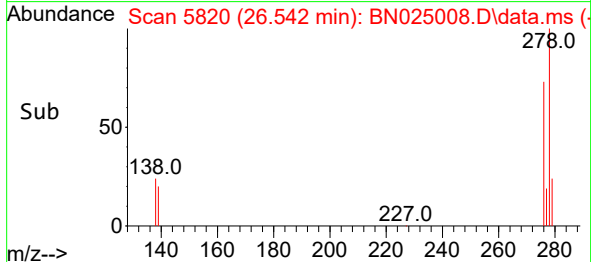
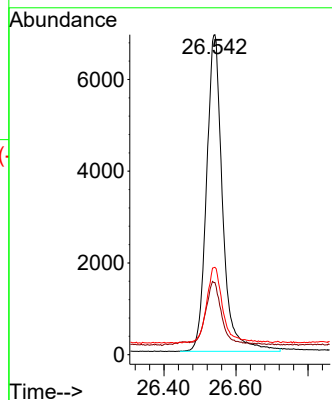
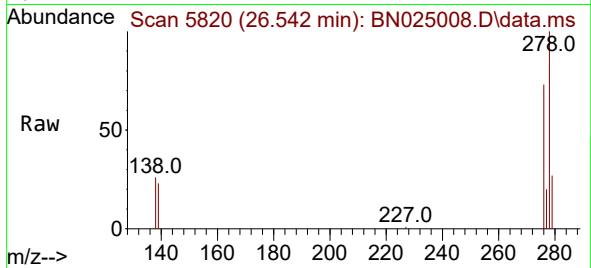




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.002 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Instrument :
BNA_N
ClientSampleId :
SLCS130

Tgt Ion:278 Resp: 21369
Ion Ratio Lower Upper
278 100
139 22.5 16.4 24.6
279 27.3 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 27.303 min Scan# 6047
Delta R.T. 0.004 min
Lab File: BN025008.D
Acq: 19 Apr 2023 18:39

Tgt Ion:276 Resp: 22544
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 24.4 19.7 29.5

