

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041323\
 Data File : BN024862.D
 Acq On : 13 Apr 2023 15:11
 Operator : CG/JU
 Sample : PB152092BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS092

Quant Time: Apr 14 02:20:30 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 : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

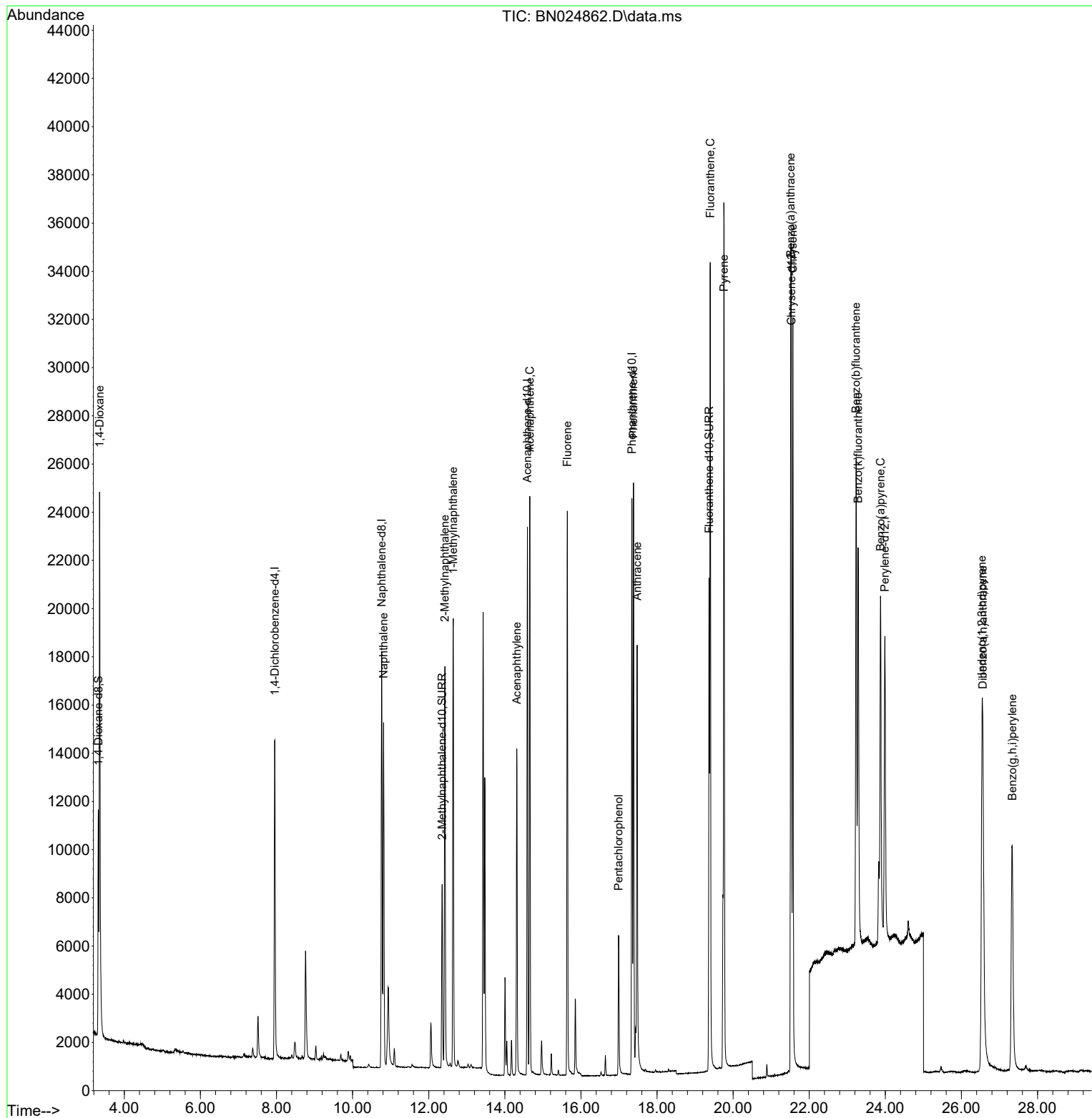
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7643	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	22484	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.592	164	12325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	27489	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	22872	0.400	ng/ul	0.00
23) Perylene-d12	23.986	264	19577	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5668	0.679	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	10205	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	22442	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	14758	1.605	ng/ul	94
5) Naphthalene	10.813	128	19945	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	12193	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	13044	0.345	ng/ul	99
10) Acenaphthylene	14.314	152	15967	0.345	ng/ul	99
11) Acenaphthene	14.657	153	13603	0.343	ng/ul	99
12) Fluorene	15.642	166	15320	0.345	ng/ul	99
14) Pentachlorophenol	16.991	266	4096	0.699	ng/ul	99
15) Phenanthrene	17.380	178	26306	0.340	ng/ul	100
16) Anthracene	17.477	178	21767	0.338	ng/ul	98
19) Fluoranthene	19.399	202	29850	0.379	ng/ul	98
20) Pyrene	19.757	202	31164	0.386	ng/ul	98
21) Benzo(a)anthracene	21.513	228	26368	0.365	ng/ul	100
22) Chrysene	21.568	228	28968	0.370	ng/ul	100
24) Benzo(b)fluoranthene	23.232	252	28947	0.369	ng/ul	97
25) Benzo(k)fluoranthene	23.284	252	27133	0.354	ng/ul	95
26) Benzo(a)pyrene	23.872	252	22994	0.353	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.539	276	25629	0.334	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.563	278	19706	0.326	ng/ul	97
29) Benzo(g,h,i)perylene	27.334	276	22408	0.345	ng/ul	100

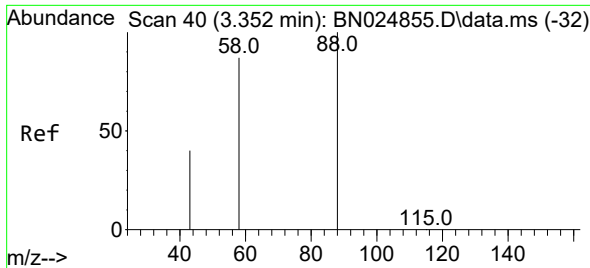
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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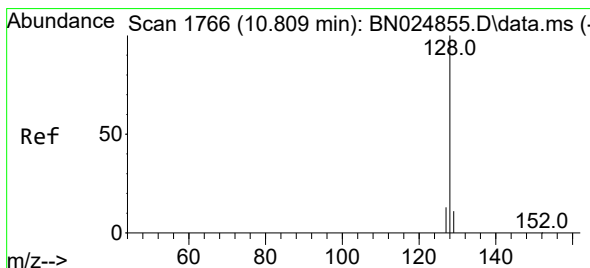
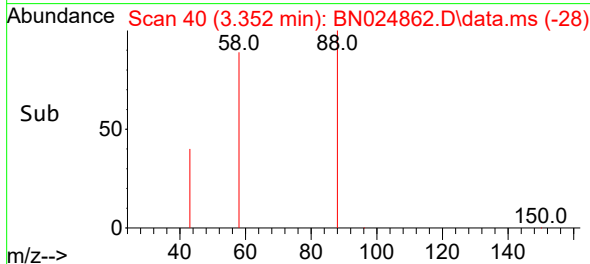
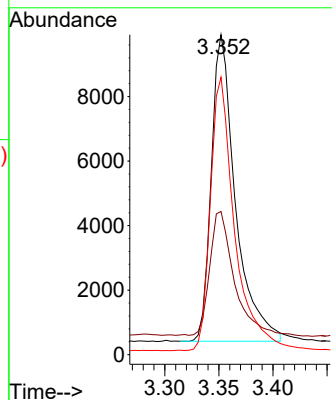
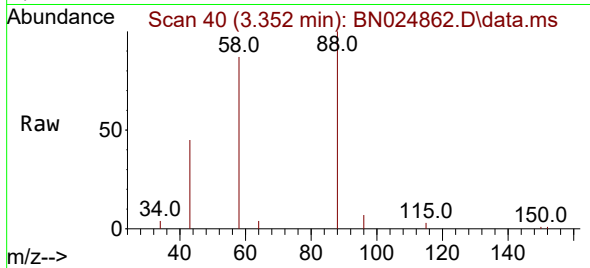




#2
1,4-Dioxane
Concen: 1.605 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

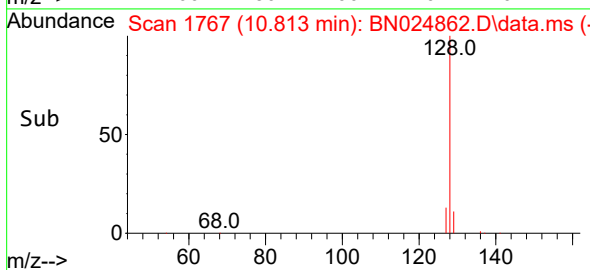
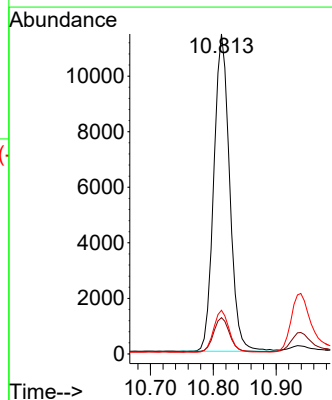
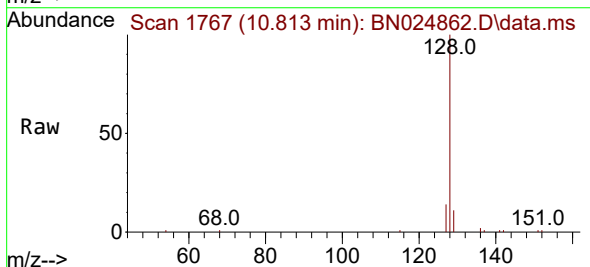
Instrument :
BNA_N
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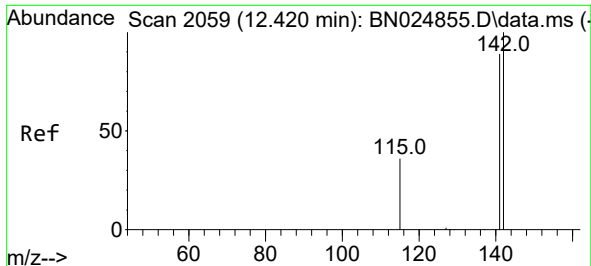
Tgt Ion: 88 Resp: 14758
Ion Ratio Lower Upper
88 100
43 44.8 39.1 58.7
58 86.7 65.7 98.5



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion: 128 Resp: 19945
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.7 10.5 15.7

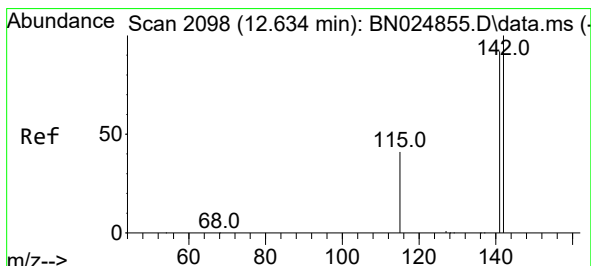
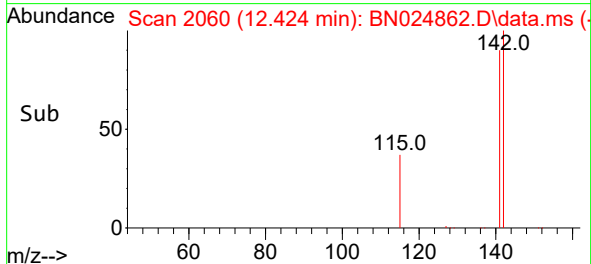
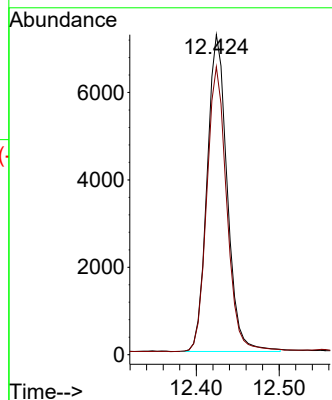
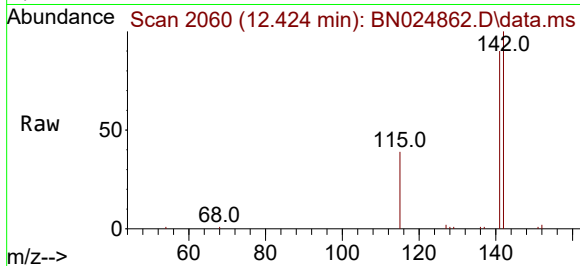




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.424 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

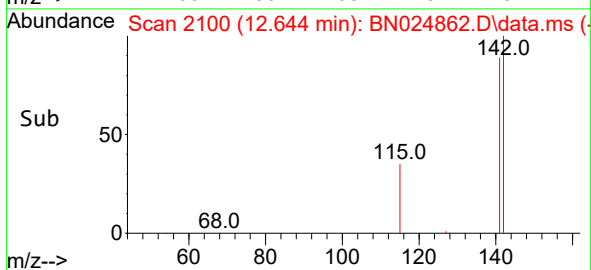
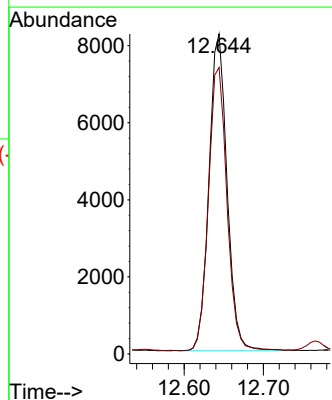
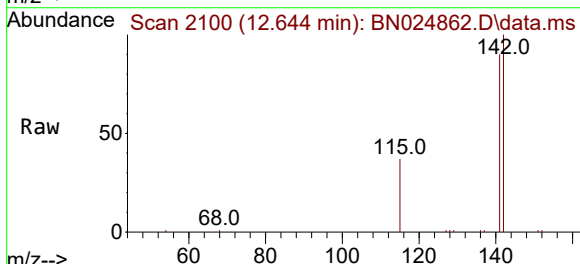
Instrument :
BNA_N
ClientSampleId :
SLCS092

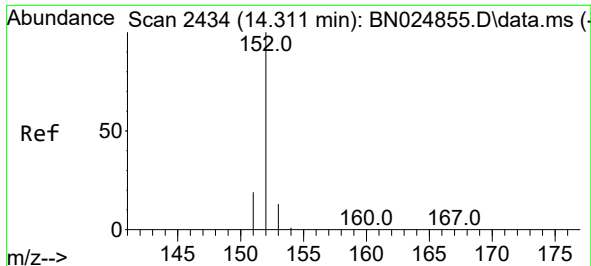
Tgt Ion:142 Resp: 12193
Ion Ratio Lower Upper
142 100
141 89.4 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion:142 Resp: 13044
Ion Ratio Lower Upper
142 100
141 91.2 74.0 111.0

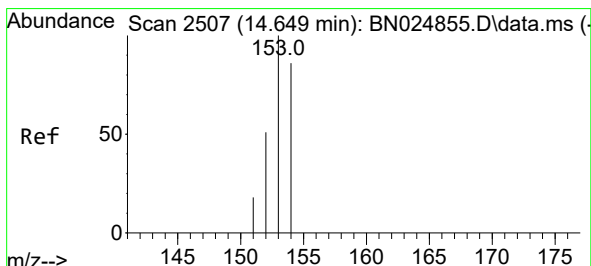
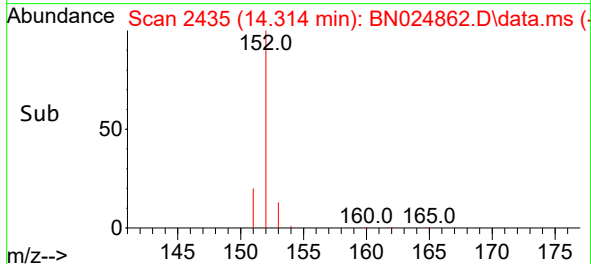
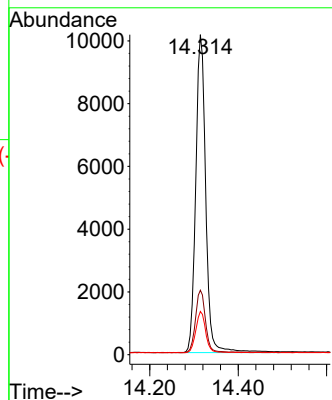
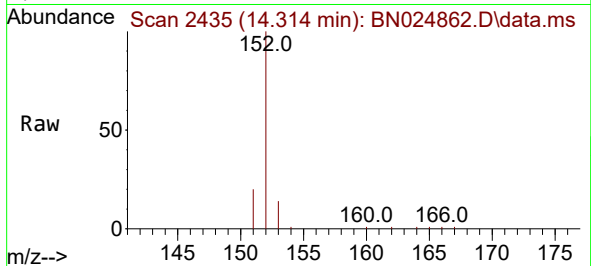




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.314 min Scan# 2434
Delta R.T. 0.004 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

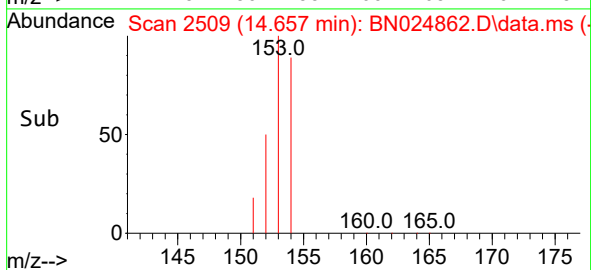
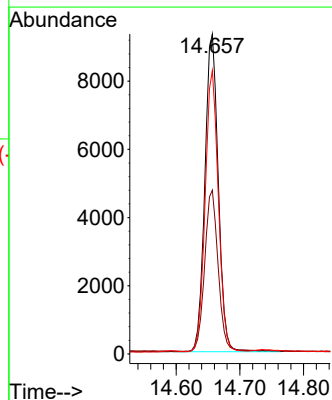
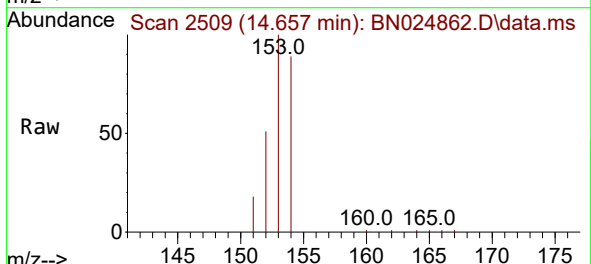
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BNA_N
ClientSampleId :
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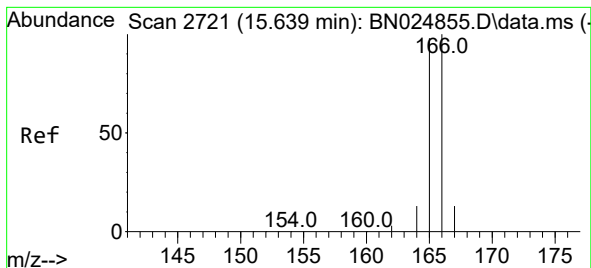
Tgt Ion:152 Resp: 15967
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. 0.004 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion:153 Resp: 13603
Ion Ratio Lower Upper
153 100
152 51.2 40.7 61.1
154 88.5 69.4 104.2





#12

Fluorene

Concen: 0.345 ng/ul

RT: 15.642 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN024862.D

Acq: 13 Apr 2023 15:11

Instrument :

BNA_N

ClientSampleId :

SLCS092

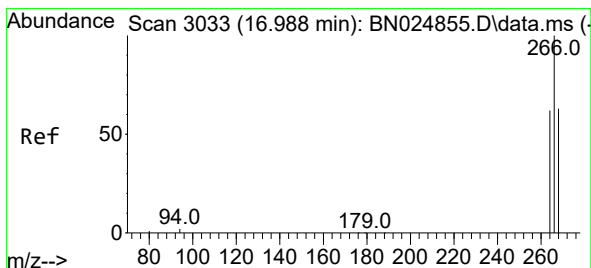
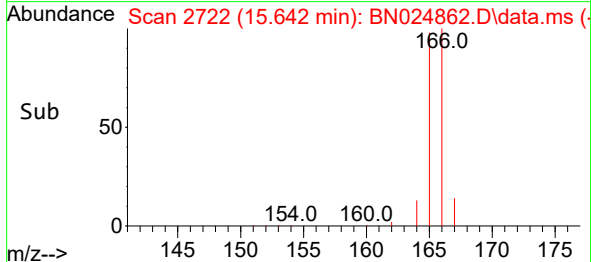
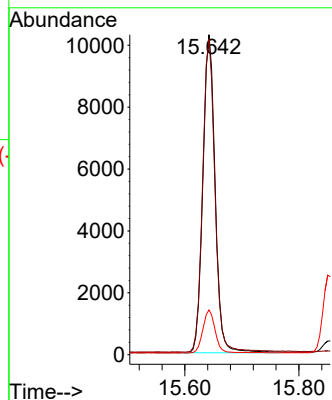
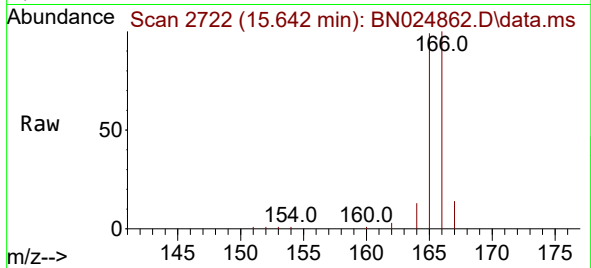
Tgt Ion:166 Resp: 15320

Ion Ratio Lower Upper

166 100

165 98.6 80.1 120.1

167 14.0 10.7 16.1



#14

Pentachlorophenol

Concen: 0.699 ng/ul

RT: 16.991 min Scan# 3034

Delta R.T. 0.004 min

Lab File: BN024862.D

Acq: 13 Apr 2023 15:11

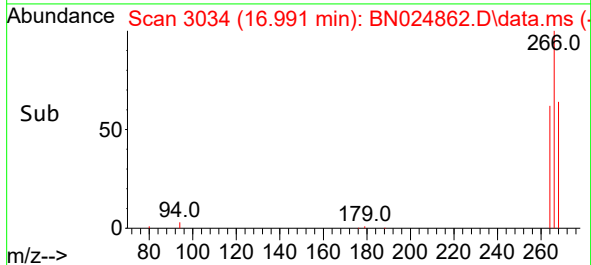
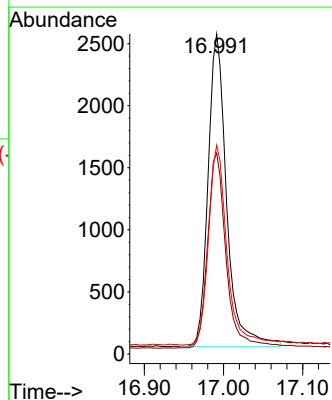
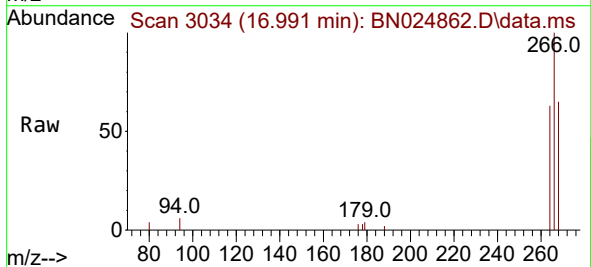
Tgt Ion:266 Resp: 4096

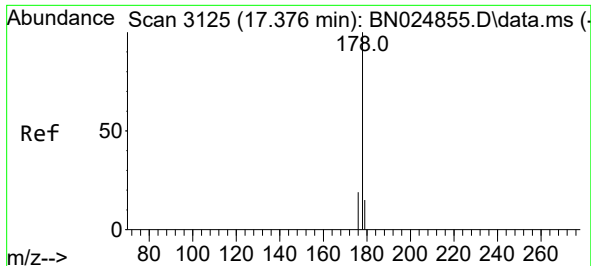
Ion Ratio Lower Upper

266 100

264 62.2 51.2 76.8

268 63.9 51.4 77.2

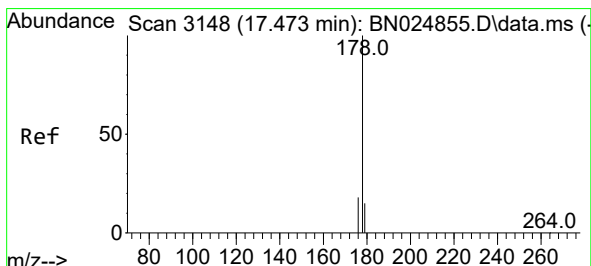
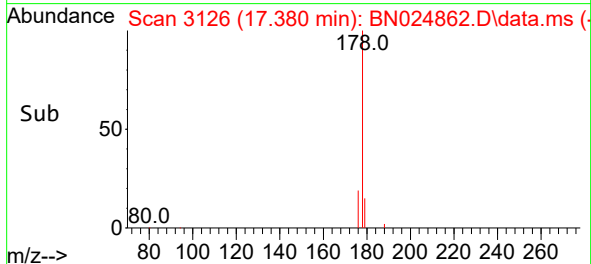
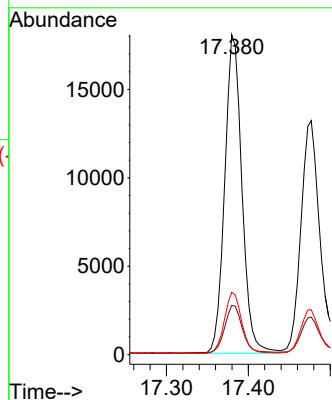
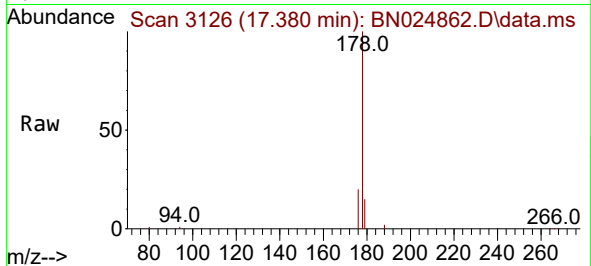




#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.380 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

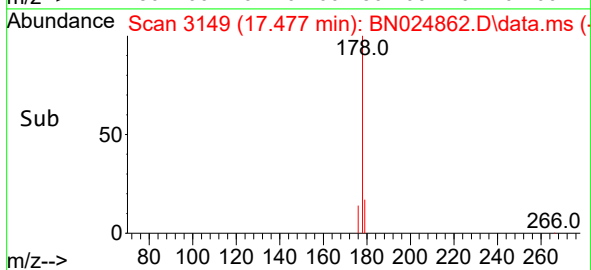
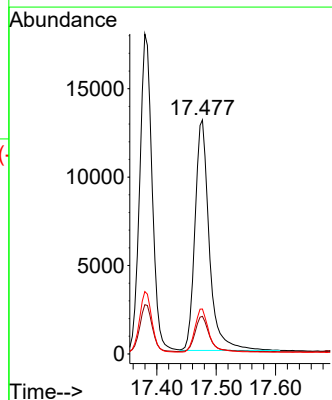
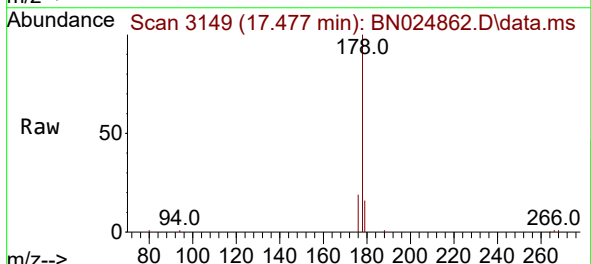
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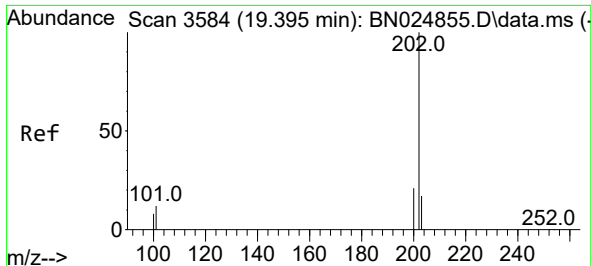
Tgt Ion:178 Resp: 26306
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.5 15.4 23.0



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. 0.004 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion:178 Resp: 21767
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.2 14.7 22.1

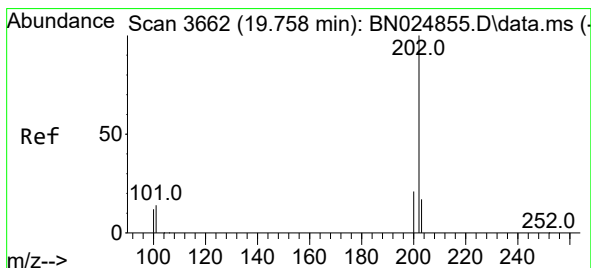
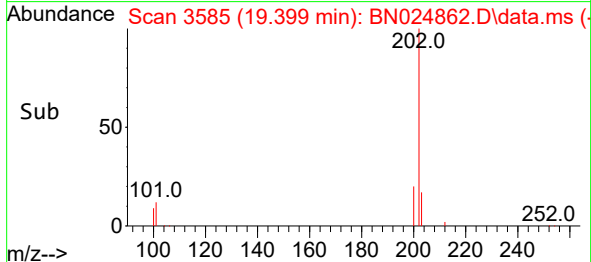
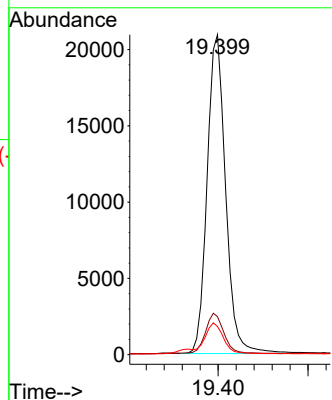
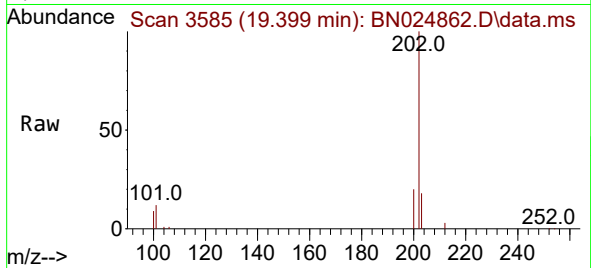




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. 0.004 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

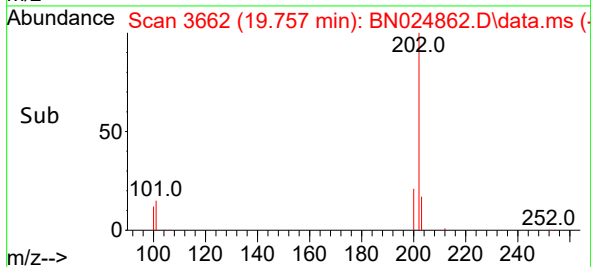
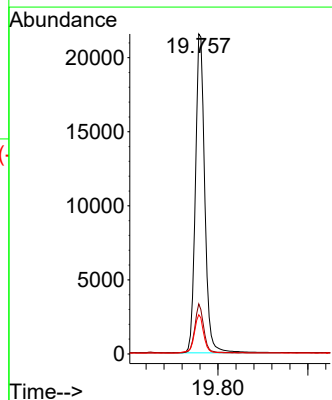
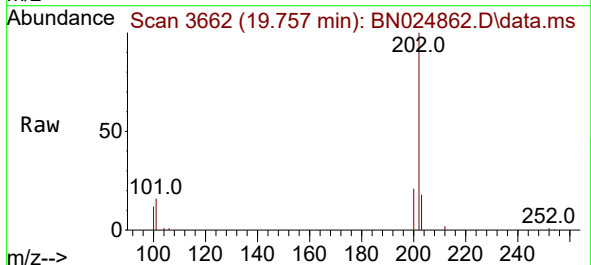
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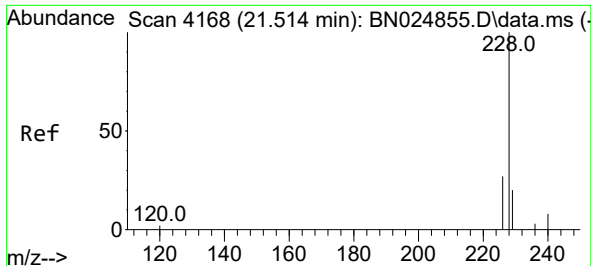
Tgt Ion:202 Resp: 29850
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 8.8 7.5 11.3



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion:202 Resp: 31164
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.8
100 12.3 9.5 14.3

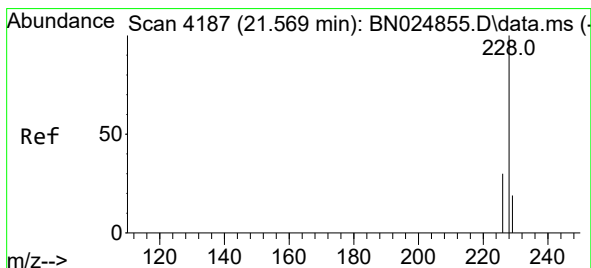
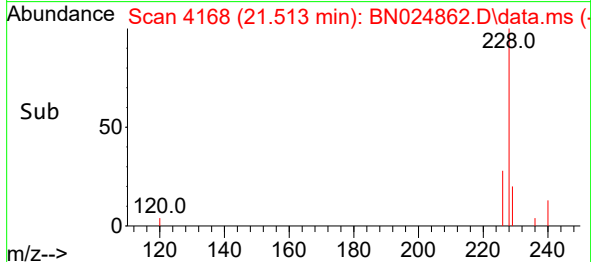
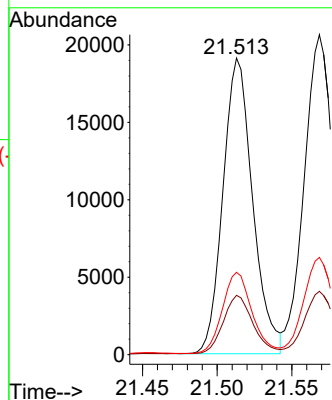
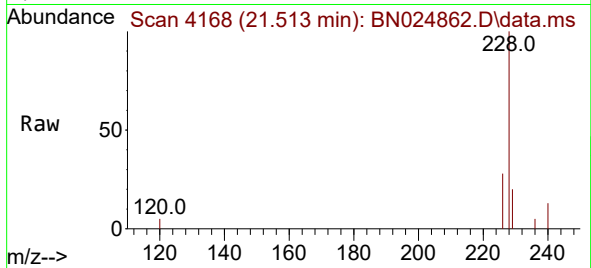




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.513 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

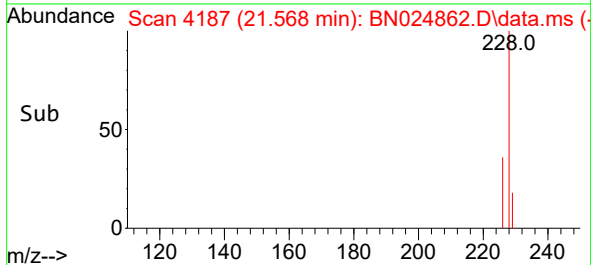
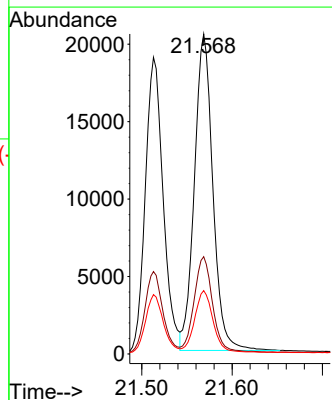
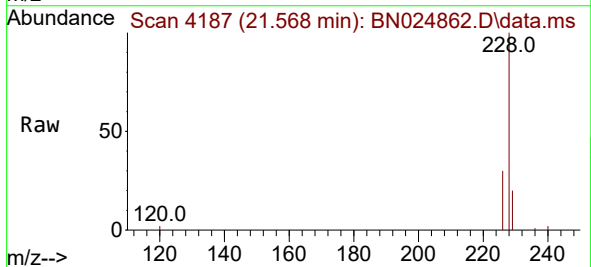
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ClientSampleId :
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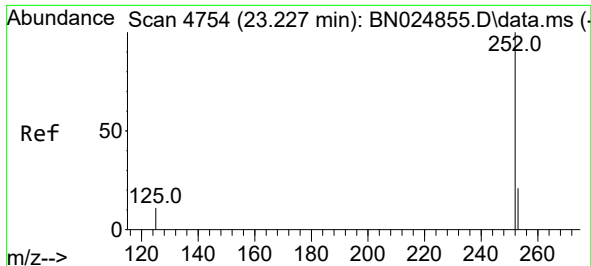
Tgt Ion:	228	Resp:	26368
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.8	23.8
226	27.8	22.2	33.2



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

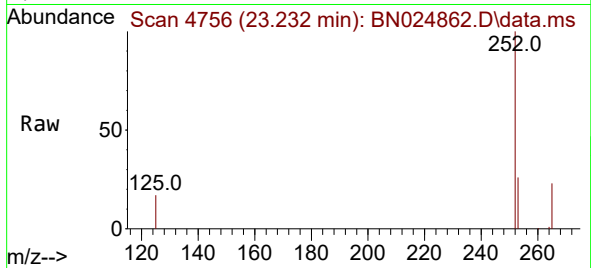
Tgt Ion:	228	Resp:	28968
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.3	36.5
229	19.8	15.7	23.5



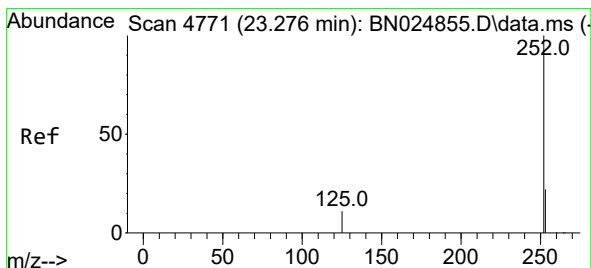
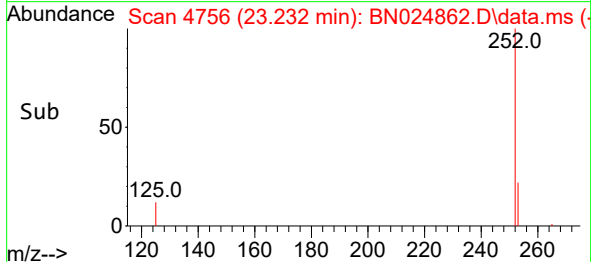
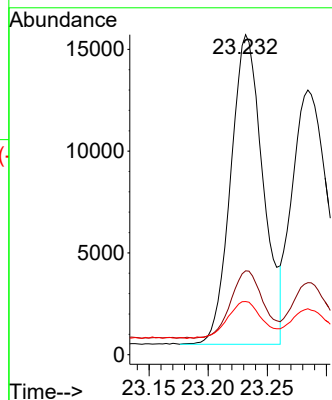


#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.232 min Scan# 4754
Delta R.T. 0.003 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Instrument :
BNA_N
ClientSampleId :
SLCS092

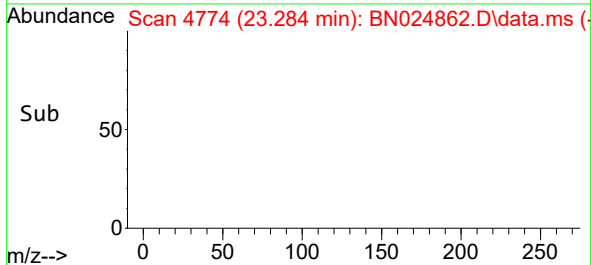
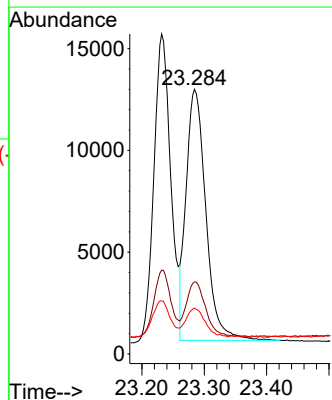
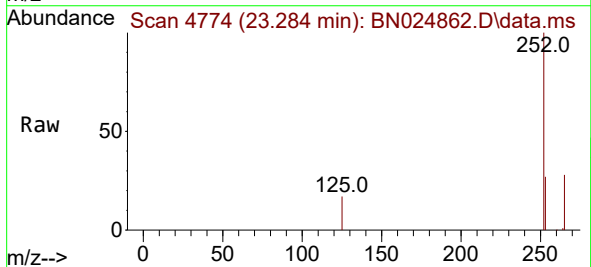


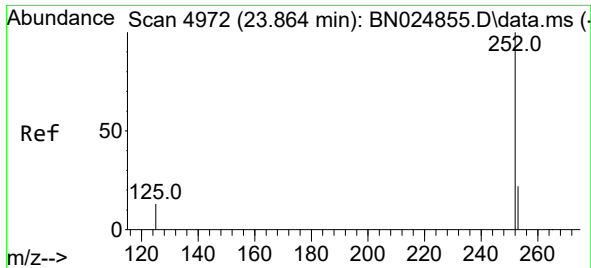
Tgt Ion:252 Resp: 28947
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.4
125 16.6 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.006 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

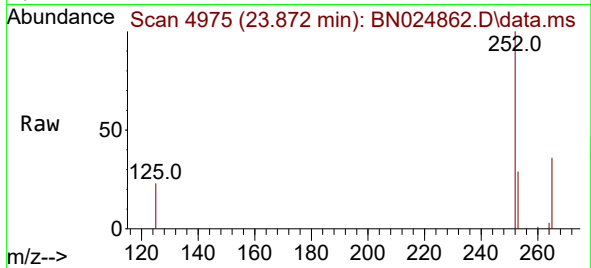
Tgt Ion:252 Resp: 27133
Ion Ratio Lower Upper
252 100
253 27.2 20.1 30.1
125 17.3 12.2 18.2



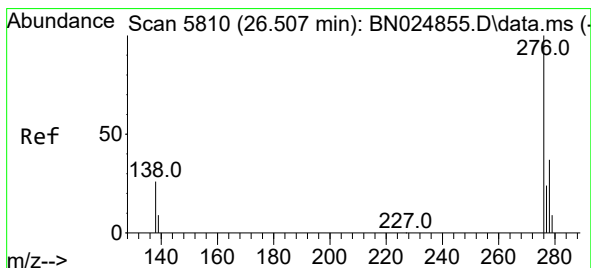
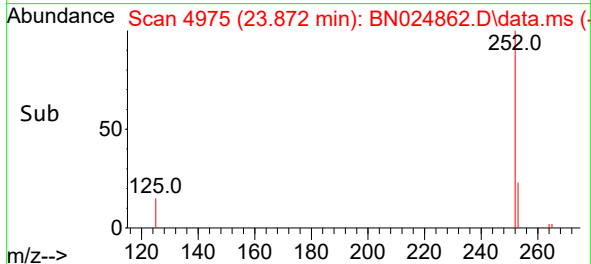
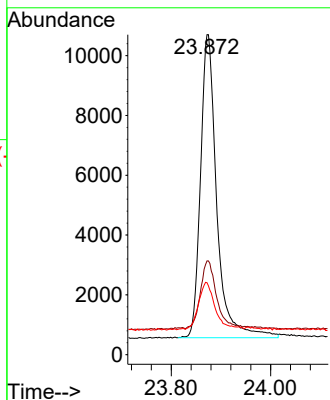


#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. 0.003 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Instrument :
BNA_N
ClientSampleId :
SLCS092

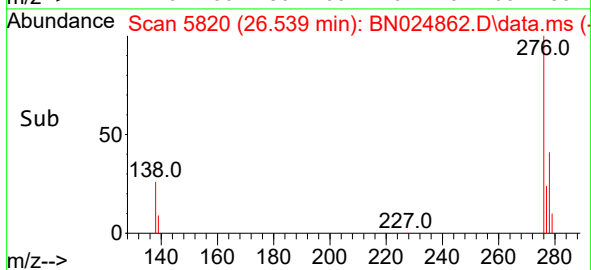
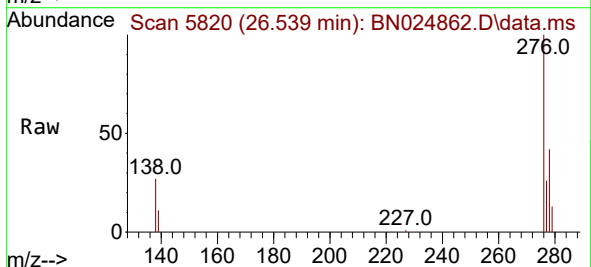
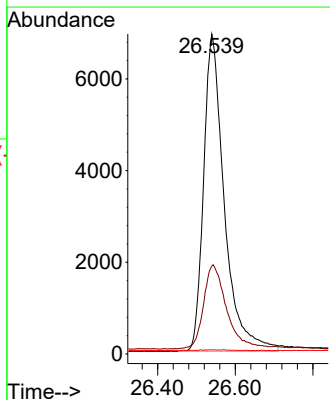


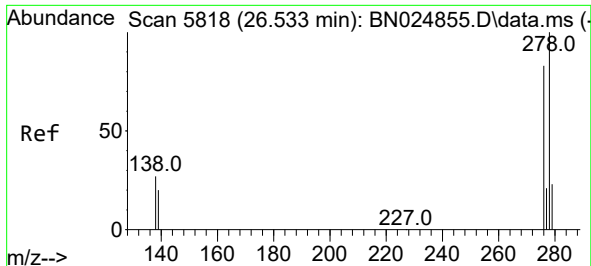
Tgt Ion:252 Resp: 22994
Ion Ratio Lower Upper
252 100
253 29.3 20.7 31.1
125 22.5 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 26.539 min Scan# 5820
Delta R.T. 0.027 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion:276 Resp: 25629
Ion Ratio Lower Upper
276 100
138 29.4 24.2 36.2
227 0.0 0.0 0.0

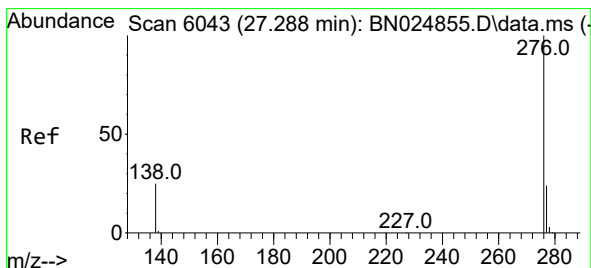
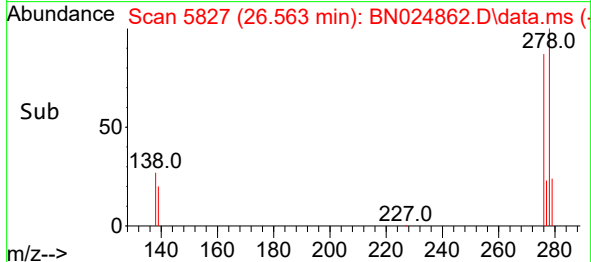
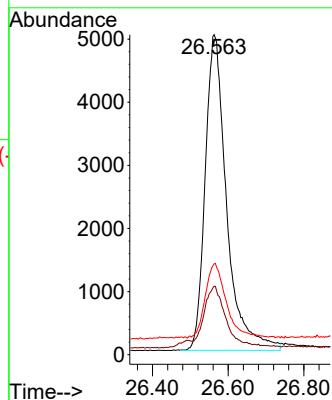
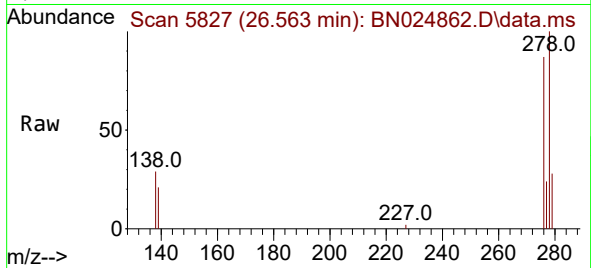




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.563 min Scan# 51
Delta R.T. 0.023 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Instrument :
BNA_N
ClientSampleId :
SLCS092

Tgt Ion:278 Resp: 19706
Ion Ratio Lower Upper
278 100
139 21.4 16.4 24.6
279 28.4 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 27.334 min Scan# 6057
Delta R.T. 0.033 min
Lab File: BN024862.D
Acq: 13 Apr 2023 15:11

Tgt Ion:276 Resp: 22408
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.4
277 24.4 19.7 29.5

