

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034976.D
 Acq On : 10 Nov 2024 12:44
 Operator : RC/JU
 Sample : PB164812BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS812

Quant Time: Nov 10 21:52:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

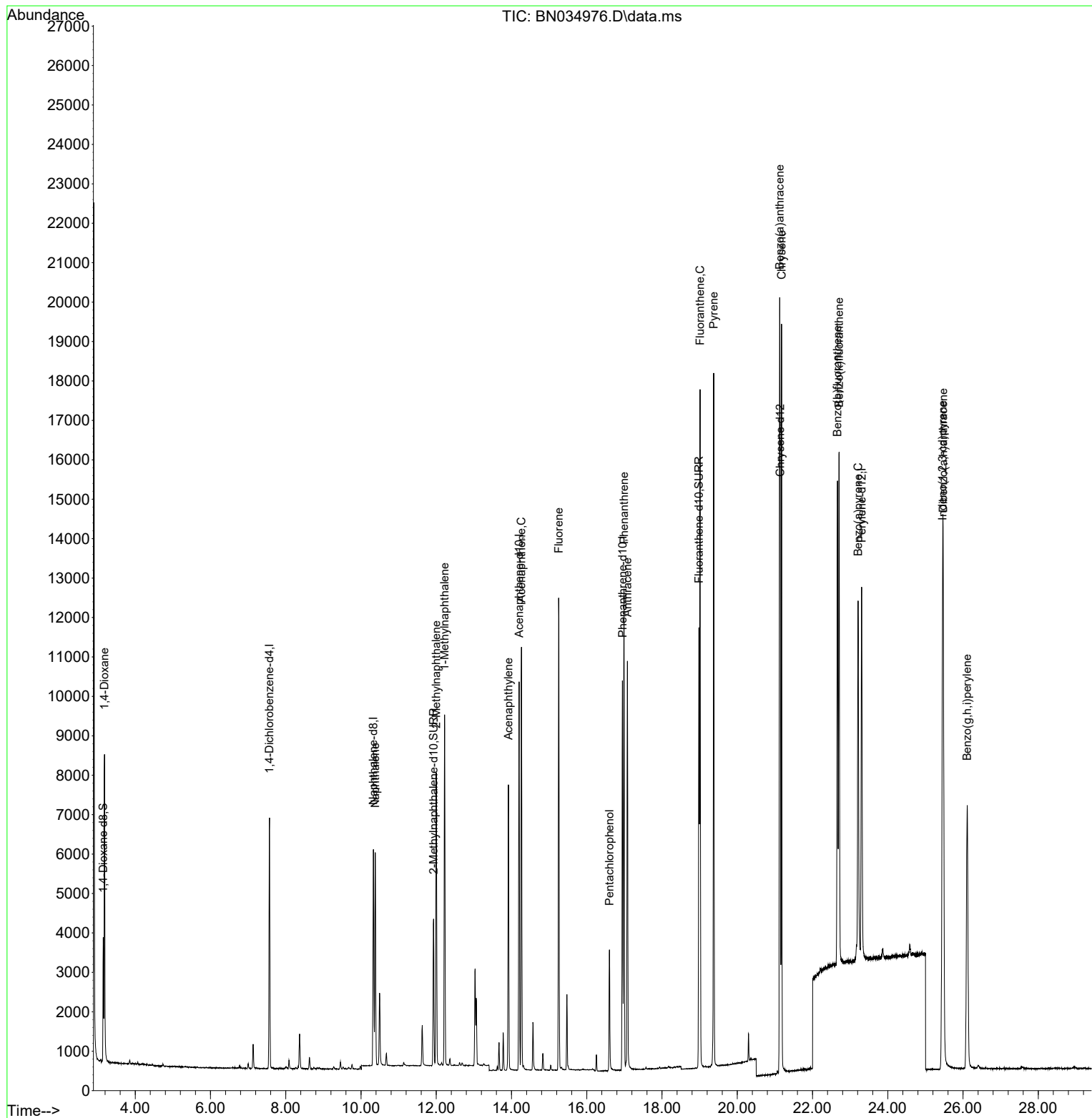
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	3119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	7416	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.203	164	5355	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	12267	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	11092	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	11593	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	2075	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	4836	0.426	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	12807	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.183	88	5660	1.740	ng/ul#	92
5) Naphthalene	10.378	128	7082	0.382	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	5111	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.220	142	5908	0.425	ng/ul	99
10) Acenaphthylene	13.917	152	7955	0.364	ng/ul	100
11) Acenaphthene	14.264	153	6092	0.367	ng/ul	99
12) Fluorene	15.254	166	7323	0.347	ng/ul	98
14) Pentachlorophenol	16.603	266	2039	0.719	ng/ul	98
15) Phenanthrene	16.988	178	12181	0.372	ng/ul	99
16) Anthracene	17.080	178	11156	0.362	ng/ul	98
19) Fluoranthene	19.009	202	14830	0.400	ng/ul#	97
20) Pyrene	19.372	202	15068	0.392	ng/ul#	96
21) Benzo(a)anthracene	21.125	228	14727	0.367	ng/ul	100
22) Chrysene	21.178	228	15273	0.373	ng/ul	100
24) Benzo(b)fluoranthene	22.662	252	15050	0.369	ng/ul	99
25) Benzo(k)fluoranthene	22.706	252	15897	0.373	ng/ul	99
26) Benzo(a)pyrene	23.212	252	13582	0.373	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.457	276	18320	0.411	ng/ul	95
28) Dibenzo(a,h)anthracene	25.473	278	14407	0.415	ng/ul	98
29) Benzo(g,h,i)perylene	26.111	276	14213	0.418	ng/ul	98

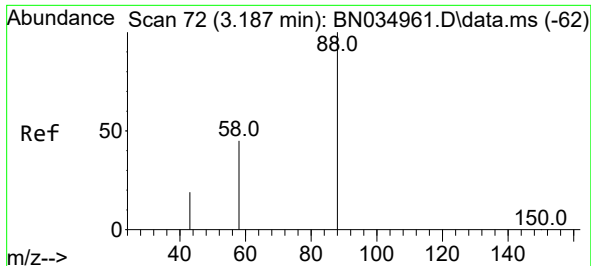
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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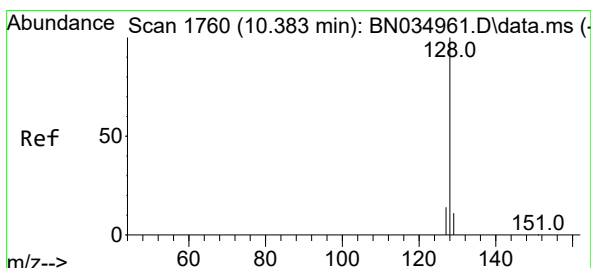
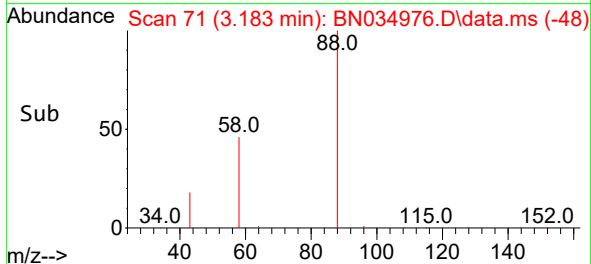
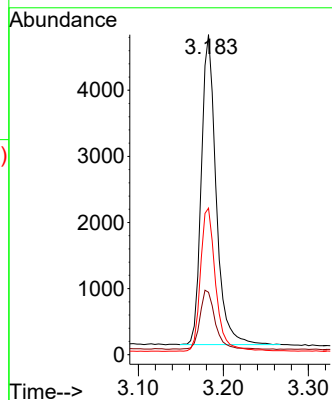
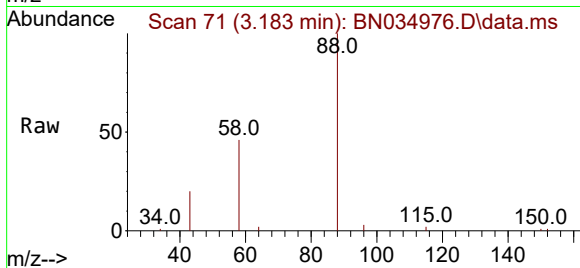




#2
1,4-Dioxane
Concen: 1.740 ng/ul
RT: 3.183 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

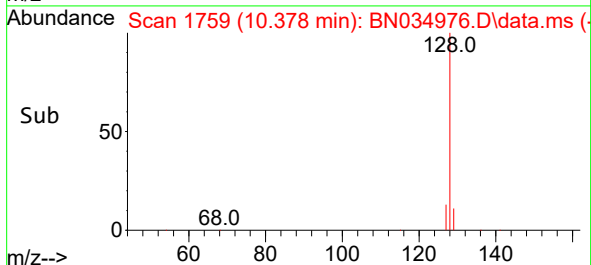
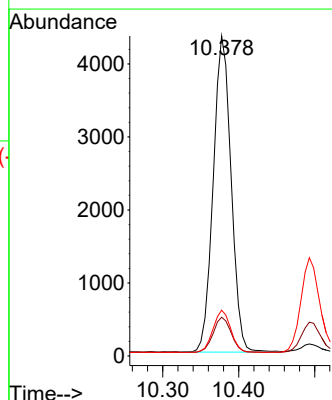
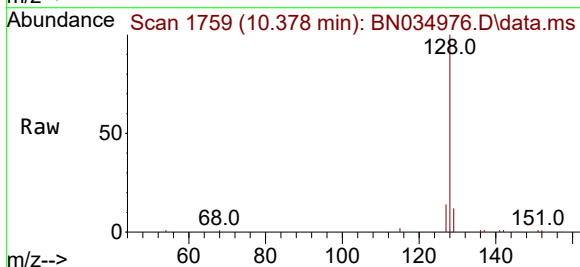
Instrument :
BNA_N
ClientSampleId :
SLCS812

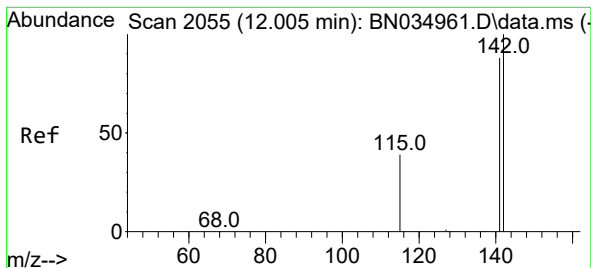
Tgt Ion: 88 Resp: 5660
Ion Ratio Lower Upper
88 100
43 19.5 23.3 34.9#
58 45.8 35.4 53.2



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.378 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

Tgt Ion: 128 Resp: 7082
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 14.3 12.1 18.1





#7

2-Methylnaphthalene

Concen: 0.369 ng/ul

RT: 12.000 min Scan# 2054

Delta R.T. -0.011 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

Instrument :

BNA_N

ClientSampleId :

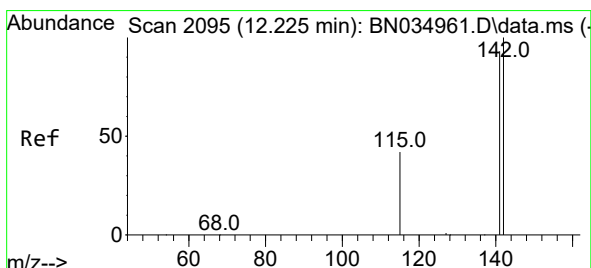
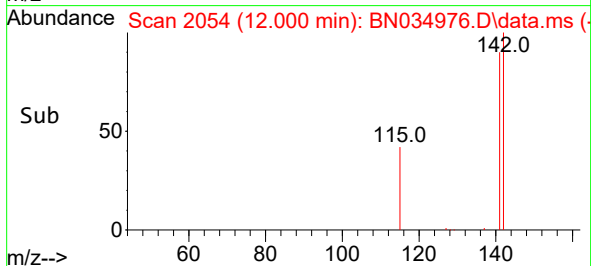
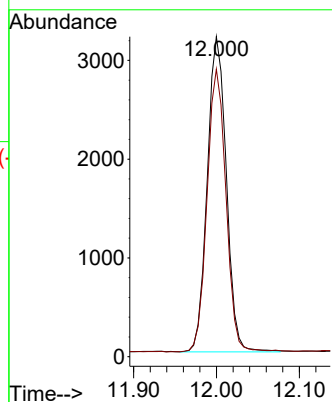
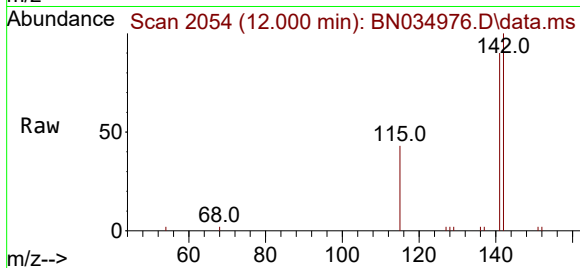
SLCS812

Tgt Ion:142 Resp: 5111

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2



#8

1-Methylnaphthalene

Concen: 0.425 ng/ul

RT: 12.220 min Scan# 2094

Delta R.T. -0.011 min

Lab File: BN034976.D

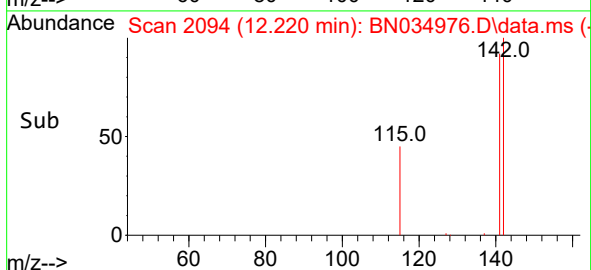
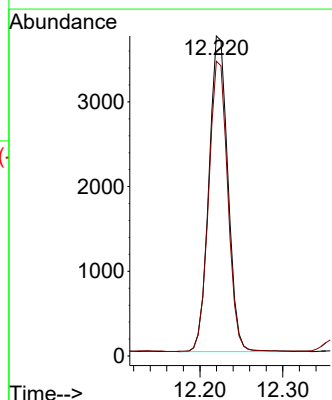
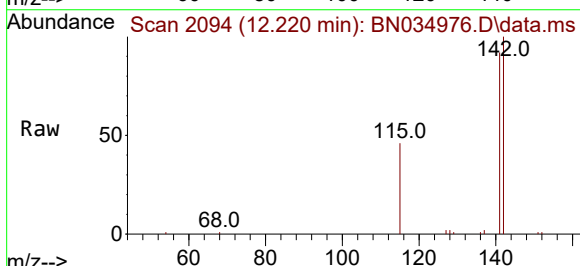
Acq: 10 Nov 2024 12:44

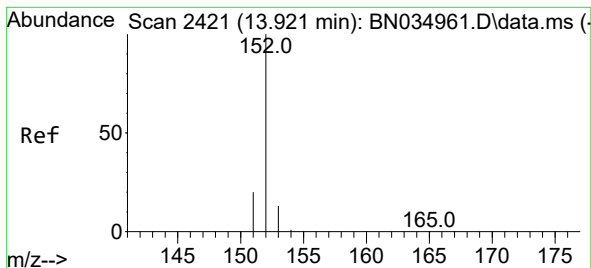
Tgt Ion:142 Resp: 5908

Ion Ratio Lower Upper

142 100

141 92.6 74.6 111.8





#10

Acenaphthylene

Concen: 0.364 ng/ul

RT: 13.917 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

Instrument :

BNA_N

ClientSampleId :

SLCS812

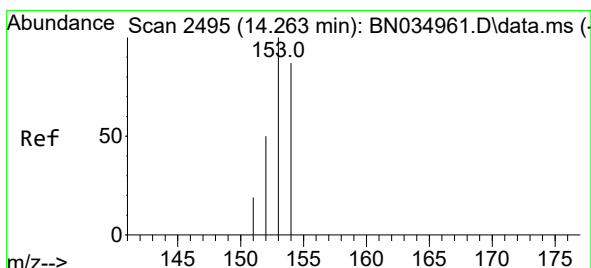
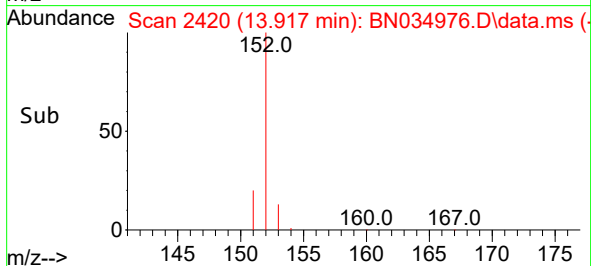
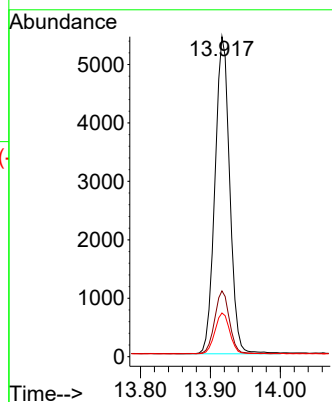
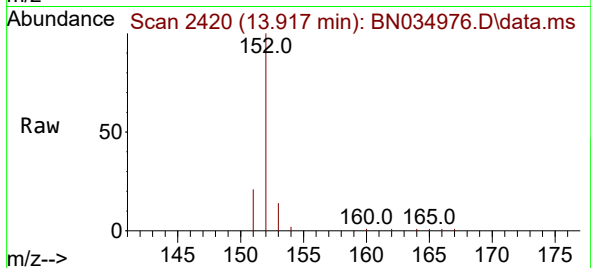
Tgt Ion:152 Resp: 7955

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 13.7 11.0 16.6



#11

Acenaphthene

Concen: 0.367 ng/ul

RT: 14.264 min Scan# 2495

Delta R.T. -0.009 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

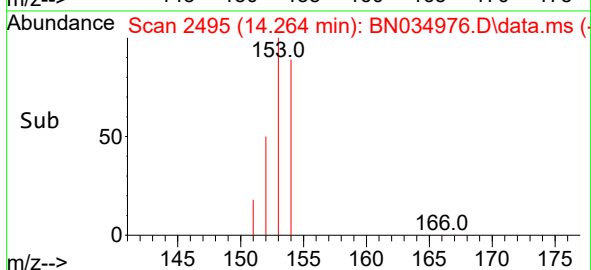
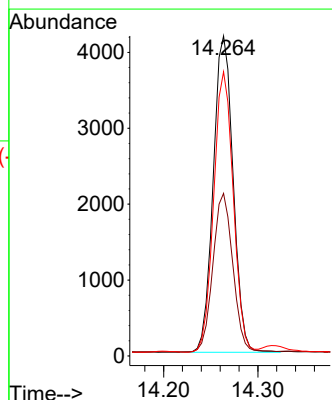
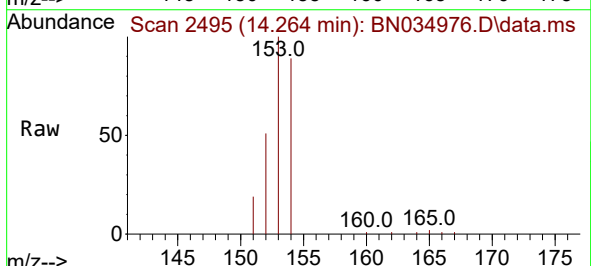
Tgt Ion:153 Resp: 6092

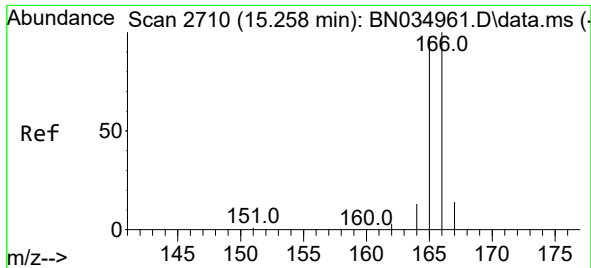
Ion Ratio Lower Upper

153 100

152 50.8 41.5 62.3

154 88.8 70.9 106.3

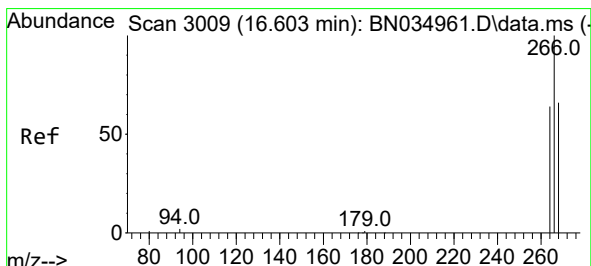
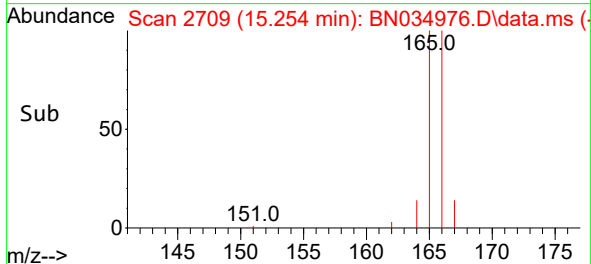
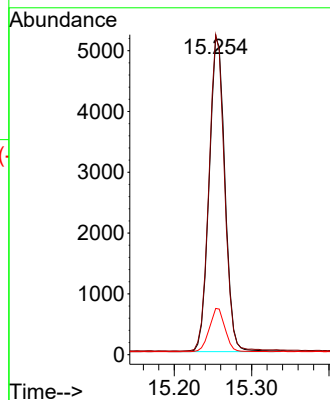
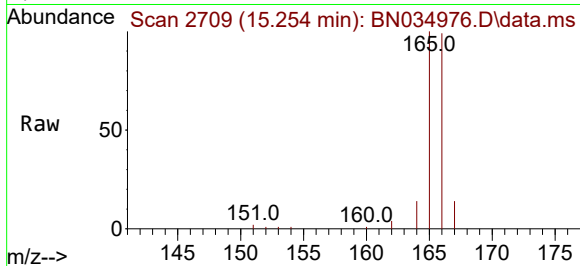




#12
 Fluorene
 Concen: 0.347 ng/ul
 RT: 15.254 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034976.D
 Acq: 10 Nov 2024 12:44

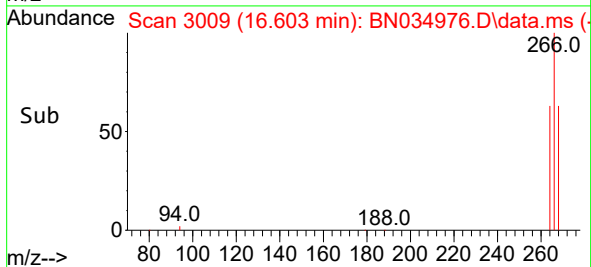
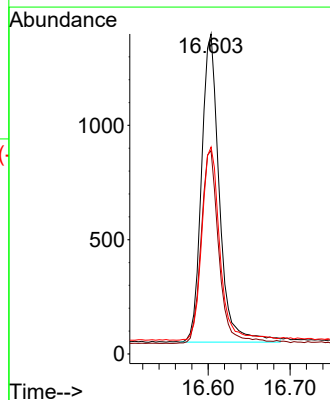
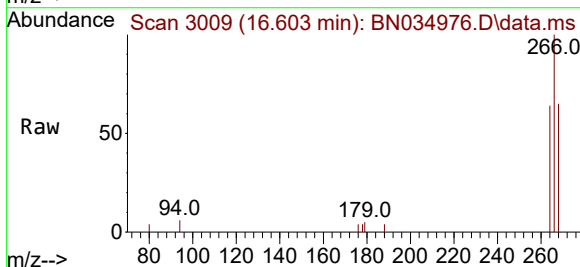
Instrument :
 BNA_N
 ClientSampleId :
 SLCS812

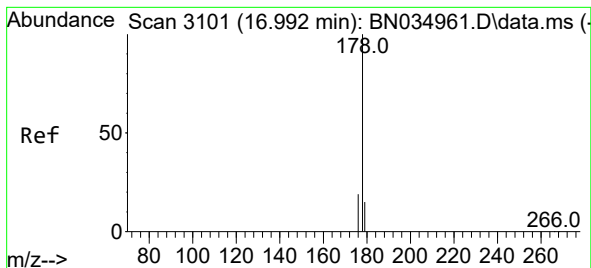
Tgt Ion:166	Resp:	7323
Ion	Ratio	Lower Upper
166	100	
165	100.7	79.0 118.4
167	14.6	11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.719 ng/ul
 RT: 16.603 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BN034976.D
 Acq: 10 Nov 2024 12:44

Tgt Ion:266	Resp:	2039
Ion	Ratio	Lower Upper
266	100	
264	62.6	50.2 75.2
268	63.4	48.4 72.6





#15

Phenanthrene

Concen: 0.372 ng/ul

RT: 16.988 min Scan# 3100

Delta R.T. -0.008 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

Instrument :

BNA_N

ClientSampleId :

SLCS812

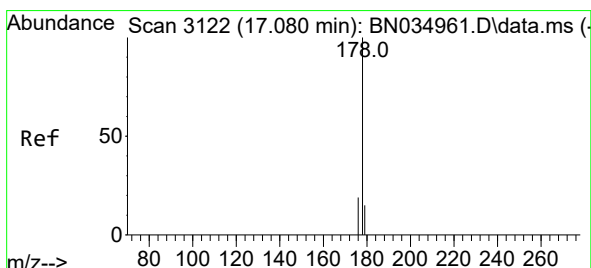
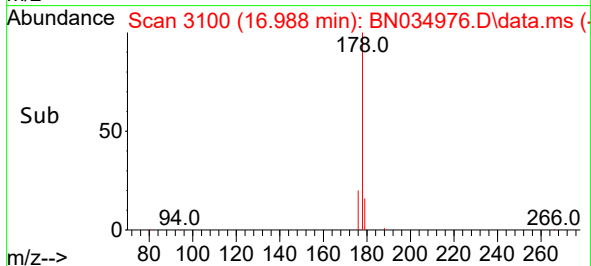
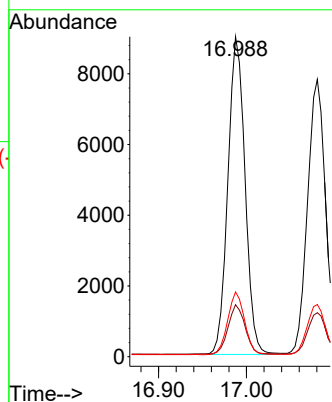
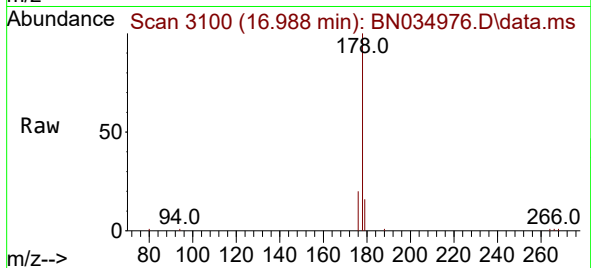
Tgt Ion:178 Resp: 12181

Ion Ratio Lower Upper

178 100

179 16.3 13.4 20.2

176 20.3 15.8 23.6



#16

Anthracene

Concen: 0.362 ng/ul

RT: 17.080 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

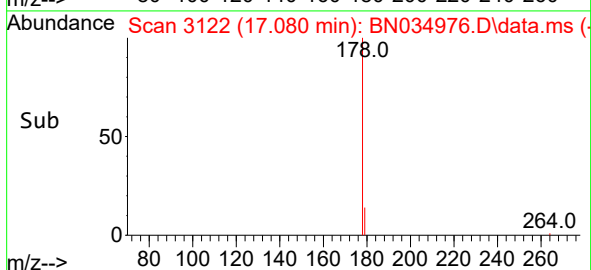
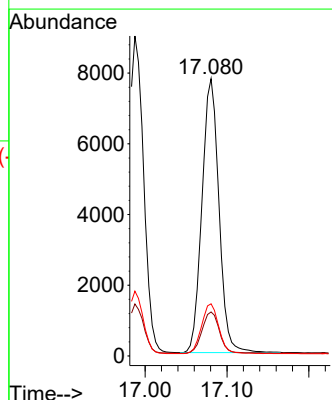
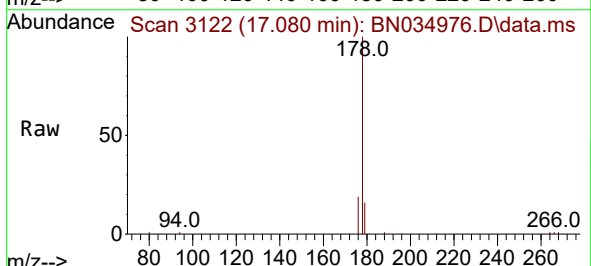
Tgt Ion:178 Resp: 11156

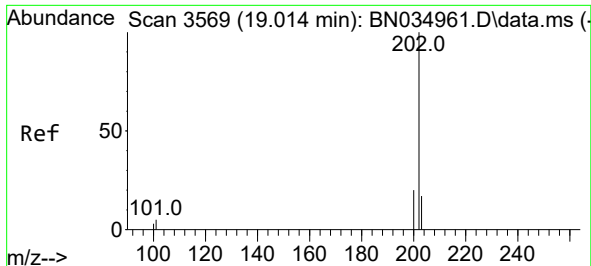
Ion Ratio Lower Upper

178 100

179 15.8 13.3 19.9

176 18.8 15.8 23.8





#19

Fluoranthene

Concen: 0.400 ng/ul

RT: 19.009 min Scan# 3569

Delta R.T. -0.009 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

Instrument :

BNA_N

ClientSampleId :

SLCS812

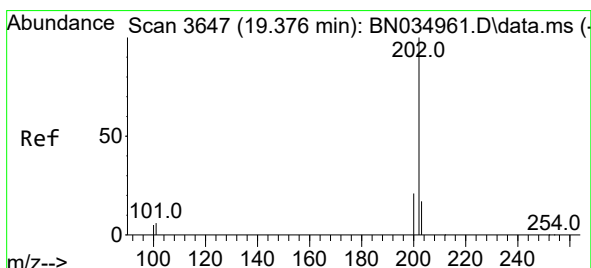
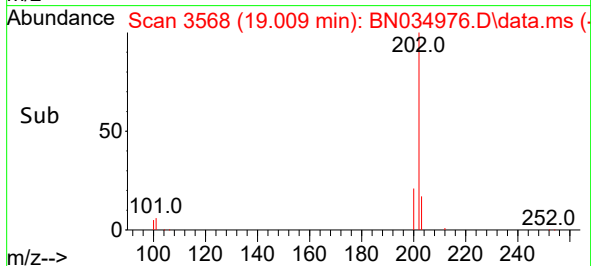
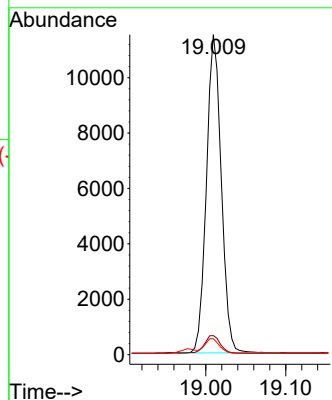
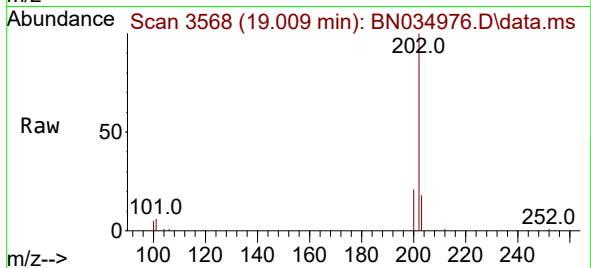
Tgt Ion:202 Resp: 14830

Ion Ratio Lower Upper

202 100

101 6.0 4.2 6.2

100 5.0 3.2 4.8#



#20

Pyrene

Concen: 0.392 ng/ul

RT: 19.372 min Scan# 3646

Delta R.T. -0.009 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

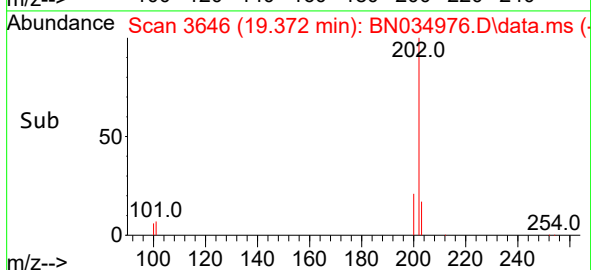
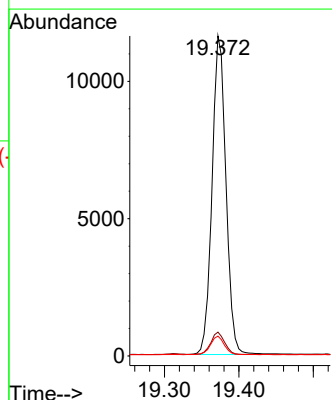
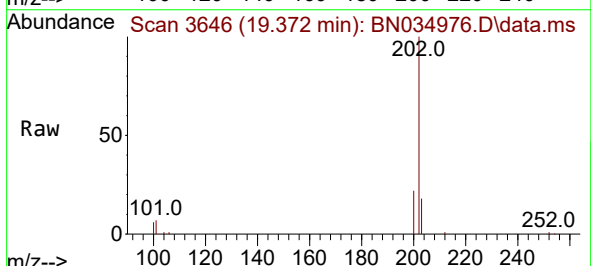
Tgt Ion:202 Resp: 15068

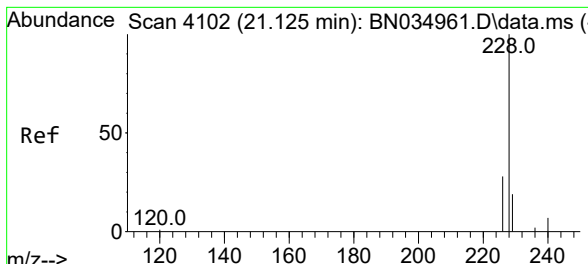
Ion Ratio Lower Upper

202 100

101 7.4 5.0 7.4#

100 6.2 4.1 6.1#



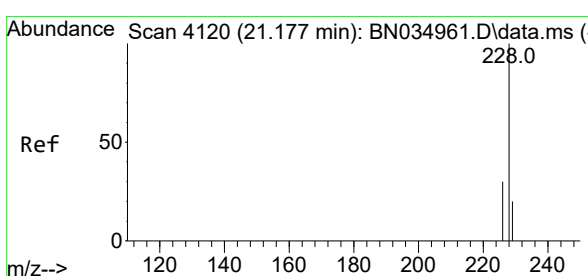
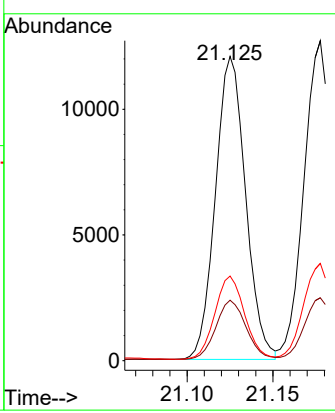
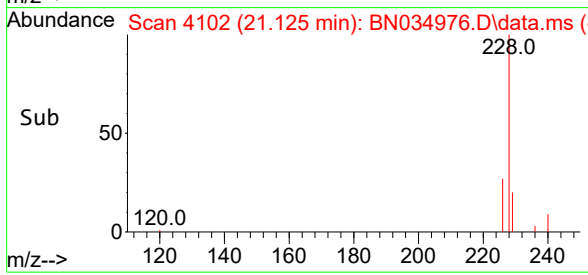
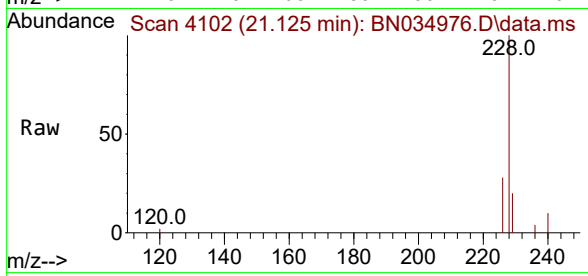


#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

Instrument :
BNA_N
ClientSampleId :
SLCS812

Tgt Ion:228 Resp: 14727

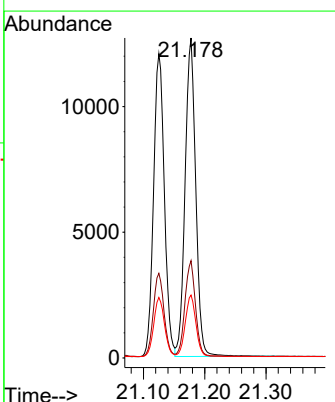
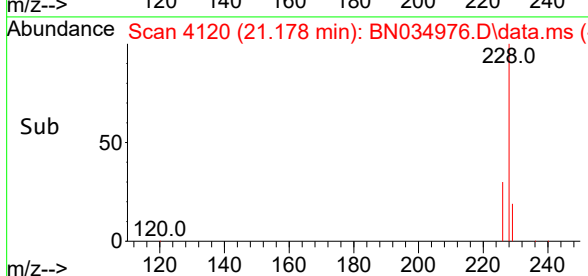
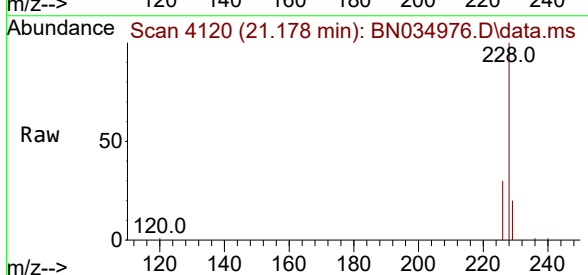
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.8	22.2	33.2

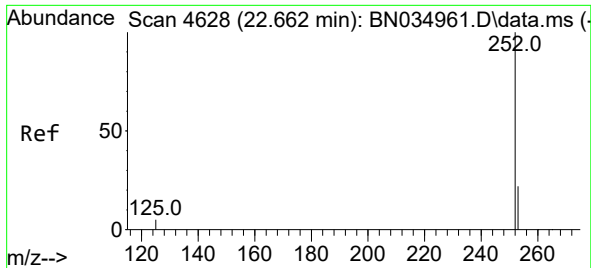


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.178 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

Tgt Ion:228 Resp: 15273

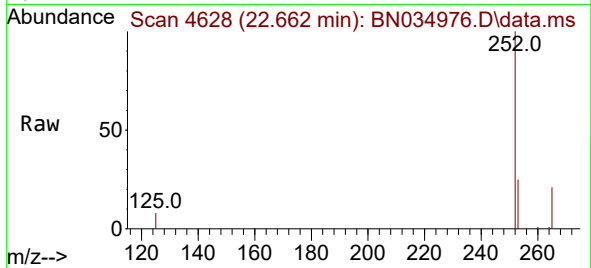
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.6	15.4	23.2



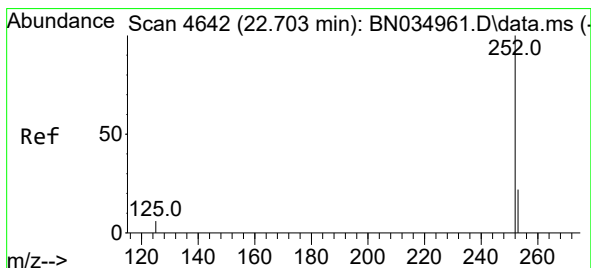
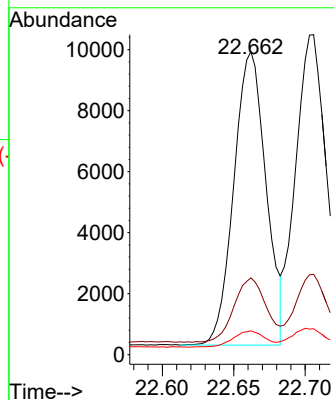


#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

Instrument :
BNA_N
ClientSampleId :
SLCS812

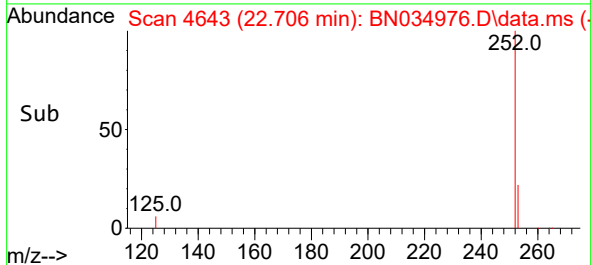
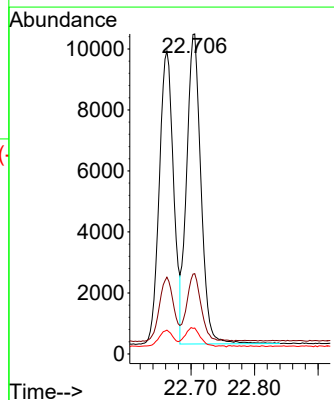
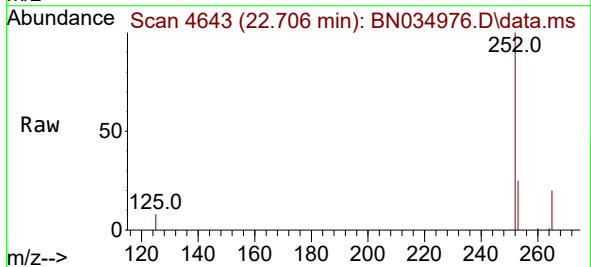


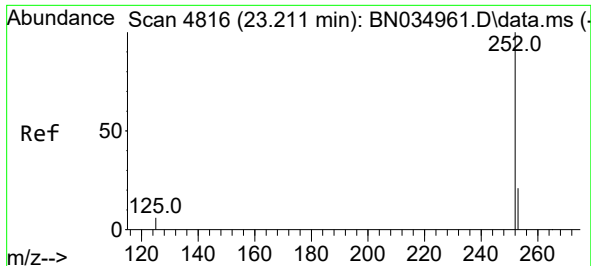
Tgt Ion:252 Resp: 15050
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.0
125 7.8 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.006 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

Tgt Ion:252 Resp: 15897
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 8.1 5.8 8.8

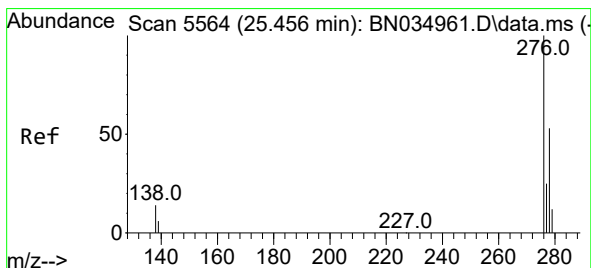
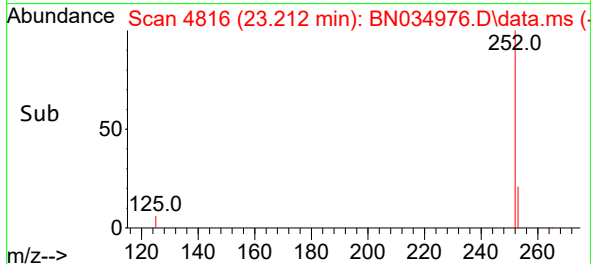
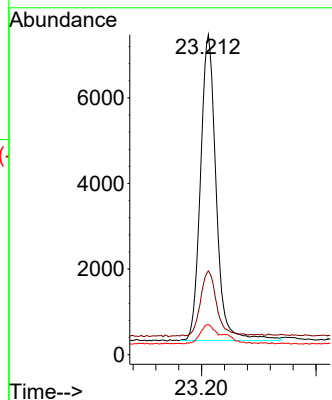
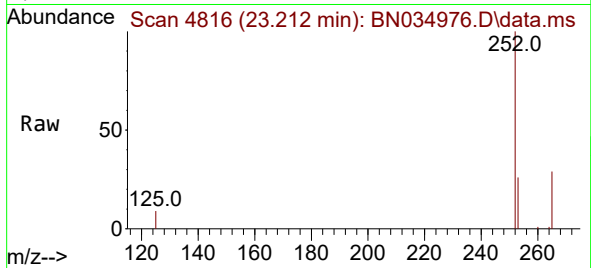




#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.212 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

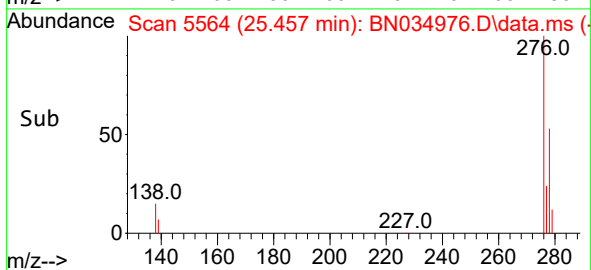
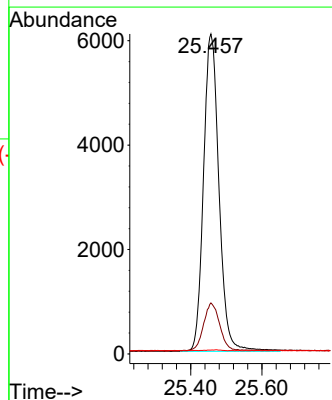
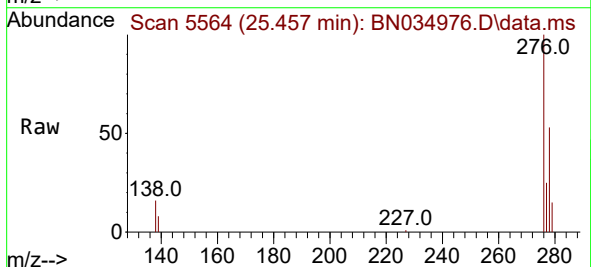
Instrument :
BNA_N
ClientSampleId :
SLCS812

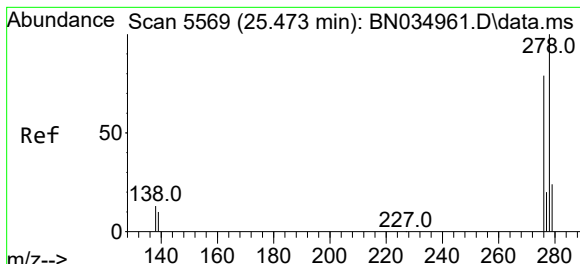
Tgt Ion:252 Resp: 13582
Ion Ratio Lower Upper
252 100
253 26.2 21.2 31.8
125 9.4 6.3 9.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 25.457 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN034976.D
Acq: 10 Nov 2024 12:44

Tgt Ion:276 Resp: 18320
Ion Ratio Lower Upper
276 100
138 15.5 10.8 16.2
227 0.2 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.415 ng/ul

RT: 25.473 min Scan# 51

Delta R.T. -0.013 min

Lab File: BN034976.D

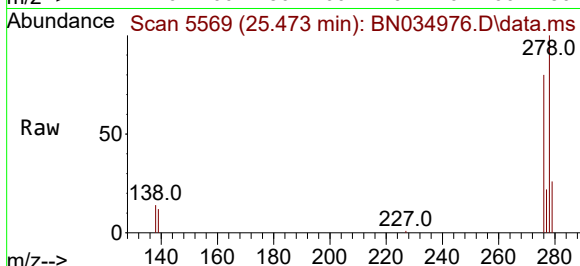
Acq: 10 Nov 2024 12:44

Instrument :

BNA_N

ClientSampleId :

SLCS812



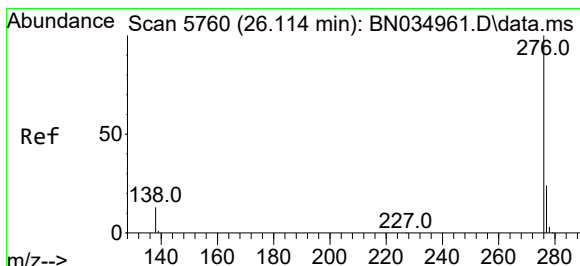
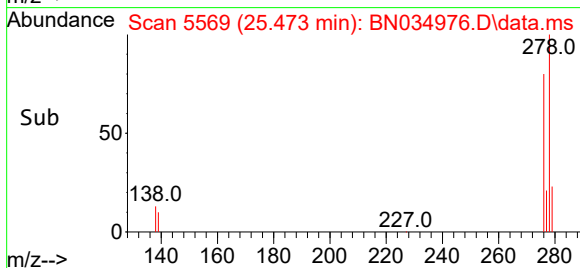
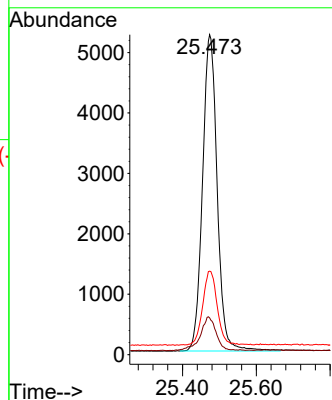
Tgt Ion:278 Resp: 14407

Ion Ratio Lower Upper

278 100

139 11.5 8.4 12.6

279 26.1 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.418 ng/ul

RT: 26.111 min Scan# 5759

Delta R.T. -0.017 min

Lab File: BN034976.D

Acq: 10 Nov 2024 12:44

Tgt Ion:276 Resp: 14213

Ion Ratio Lower Upper

276 100

138 14.4 10.3 15.5

277 25.0 20.2 30.2

