

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035179.D
 Acq On : 20 Nov 2024 01:28
 Operator : RC/JU
 Sample : PB165072BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS072

Quant Time: Nov 20 01:52:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

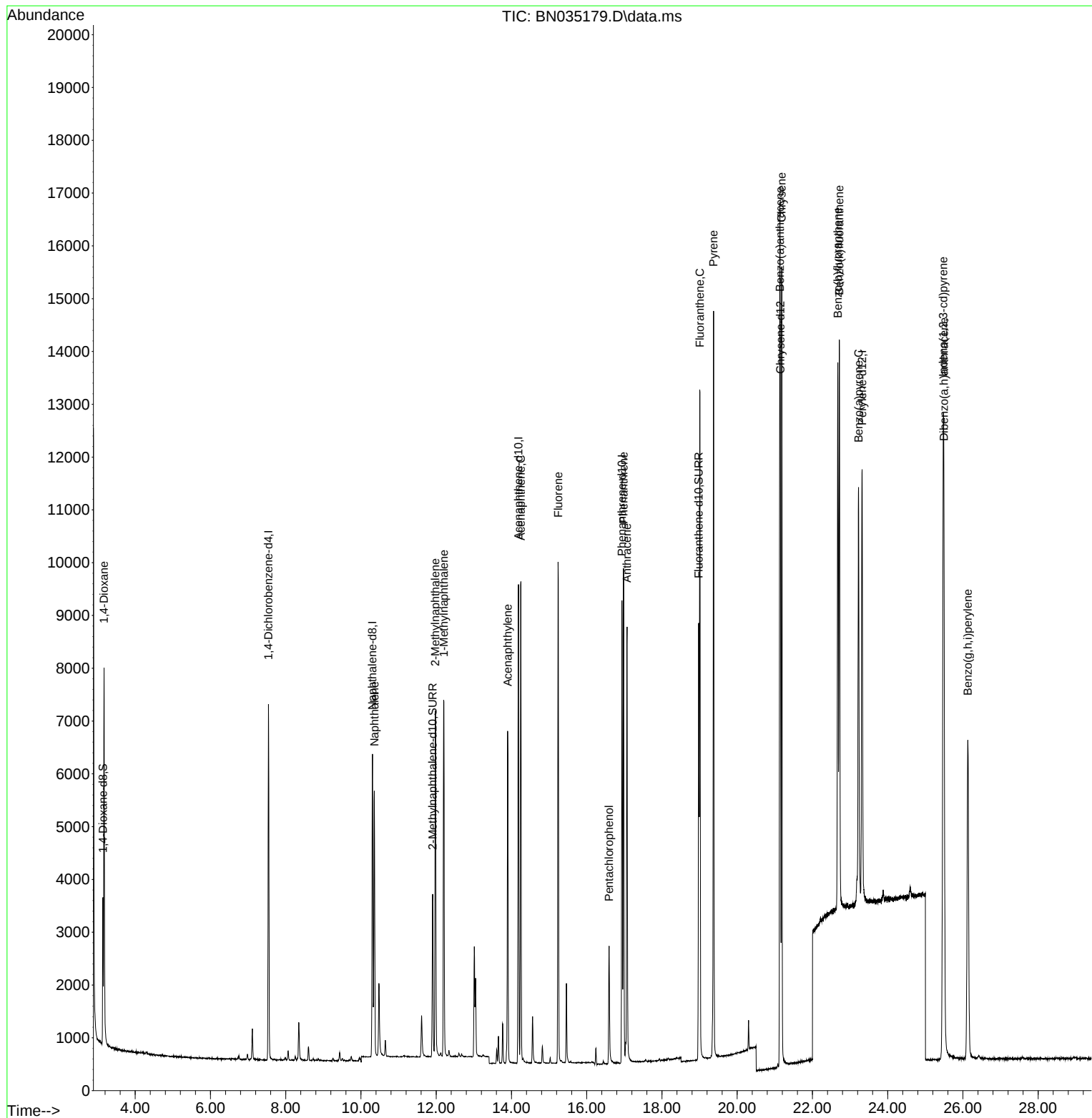
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	7794	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	4962	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	10429	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	9486	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	10467	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	1986	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	4171	0.365	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	9663	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	5396	1.621	ng/ul#	95
5) Naphthalene	10.355	128	6747	0.344	ng/ul	100
7) 2-Methylnaphthalene	11.978	142	4638	0.341	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	4690	0.341	ng/ul	100
10) Acenaphthylene	13.898	152	6765	0.344	ng/ul	99
11) Acenaphthene	14.245	153	5201	0.345	ng/ul	97
12) Fluorene	15.240	166	5993	0.339	ng/ul	99
14) Pentachlorophenol	16.595	266	1667	0.686	ng/ul	98
15) Phenanthrene	16.979	178	9600	0.348	ng/ul	100
16) Anthracene	17.072	178	8720	0.341	ng/ul	99
19) Fluoranthene	19.009	202	11482	0.348	ng/ul	99
20) Pyrene	19.372	202	12078	0.351	ng/ul	100
21) Benzo(a)anthracene	21.134	228	11944	0.363	ng/ul	100
22) Chrysene	21.183	228	12448	0.376	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	12713	0.367	ng/ul	98
25) Benzo(k)fluoranthene	22.714	252	13489	0.378	ng/ul	97
26) Benzo(a)pyrene	23.226	252	11640	0.368	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.477	276	15977	0.374	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.493	278	12535	0.374	ng/ul	98
29) Benzo(g,h,i)perylene	26.131	276	12648	0.376	ng/ul	99

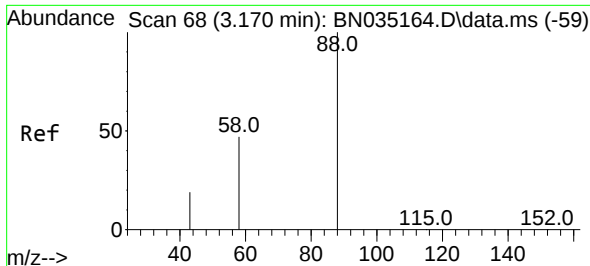
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
Data File : BN035179.D
Acq On : 20 Nov 2024 01:28
Operator : RC/JU
Sample : PB165072BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS072

Quant Time: Nov 20 01:52:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
Response via : Initial Calibration

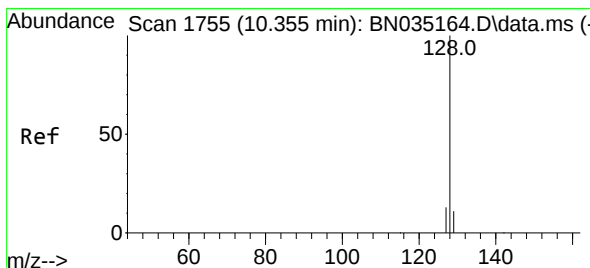
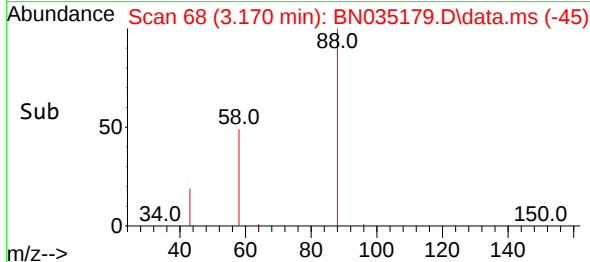
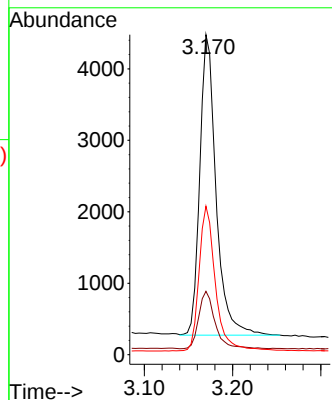
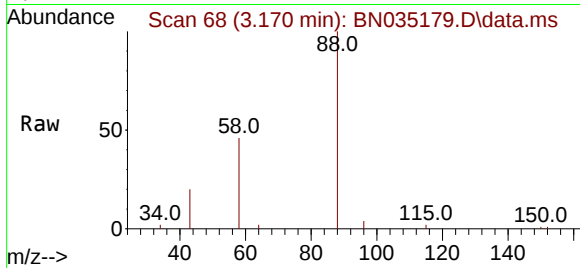




#2
 1,4-Dioxane
 Concen: 1.621 ng/ul
 RT: 3.170 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN035179.D
 Acq: 20 Nov 2024 01:28

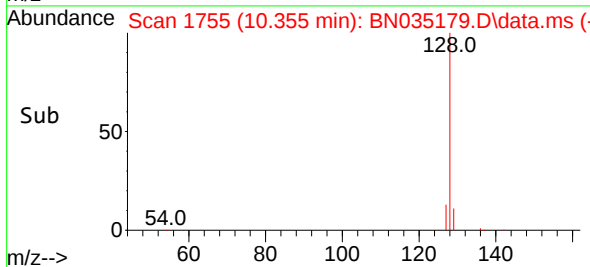
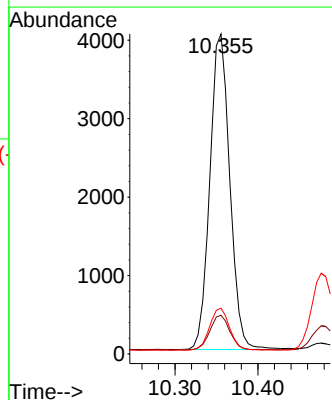
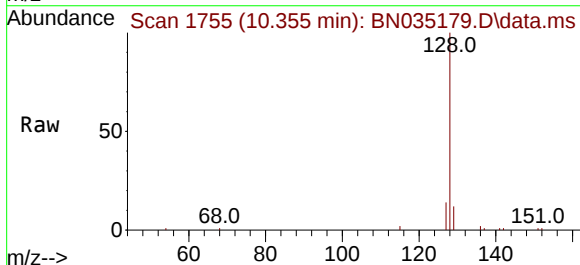
Instrument :
 BNA_N
 ClientSampleId :
 SLCS072

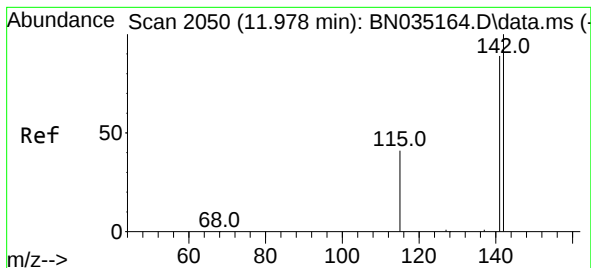
Tgt Ion: 88 Resp: 5396
 Ion Ratio Lower Upper
 88 100
 43 19.8 20.6 31.0#
 58 46.4 36.2 54.4



#5
 Naphthalene
 Concen: 0.344 ng/ul
 RT: 10.355 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BN035179.D
 Acq: 20 Nov 2024 01:28

Tgt Ion:128 Resp: 6747
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.9 14.9
 127 14.3 11.4 17.2

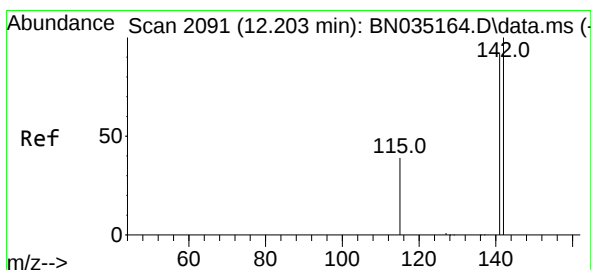
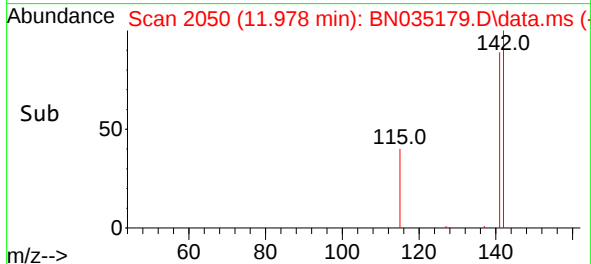
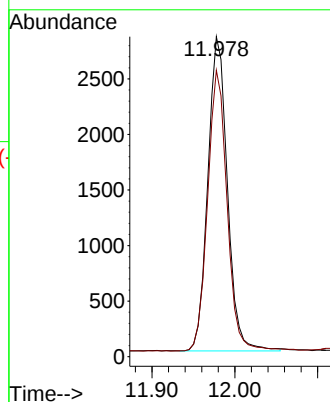
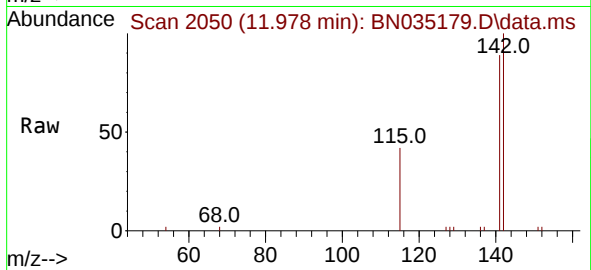




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

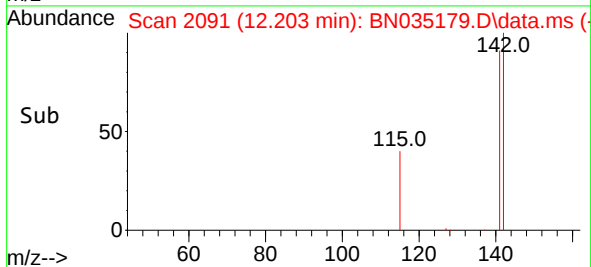
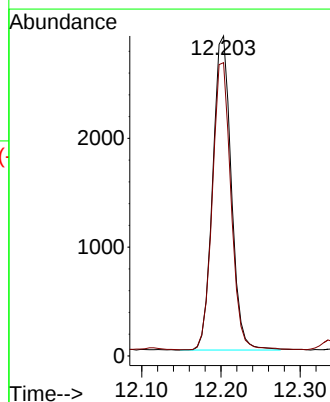
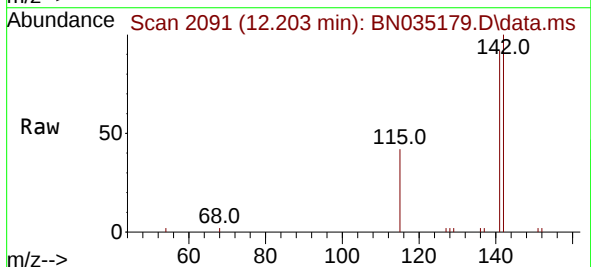
Instrument :
BNA_N
ClientSampleId :
SLCS072

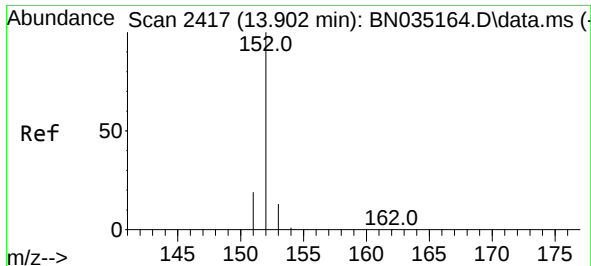
Tgt Ion:142 Resp: 4638
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:142 Resp: 4690
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7

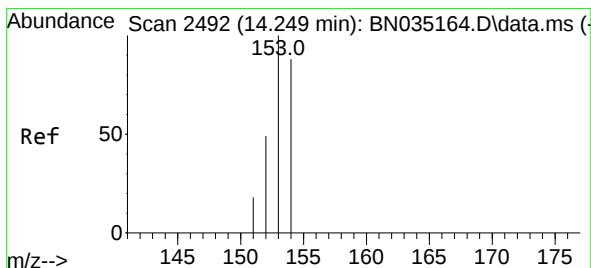
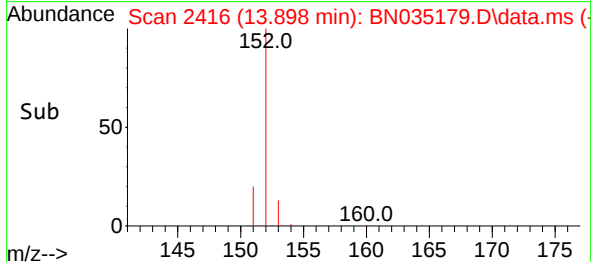
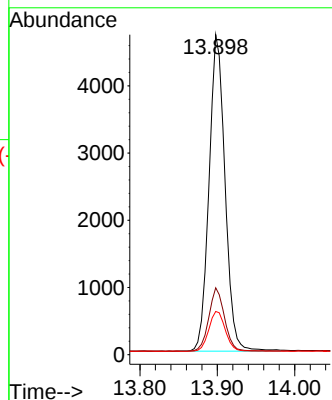
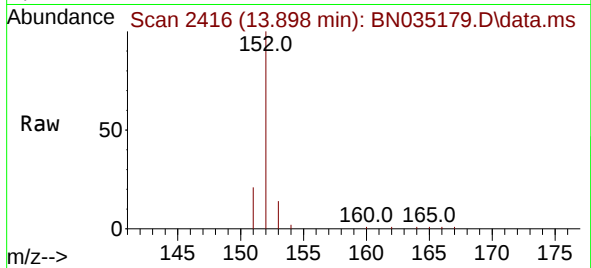




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

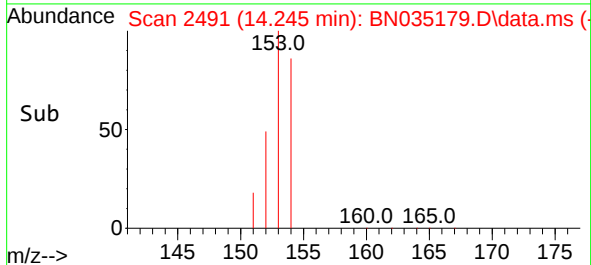
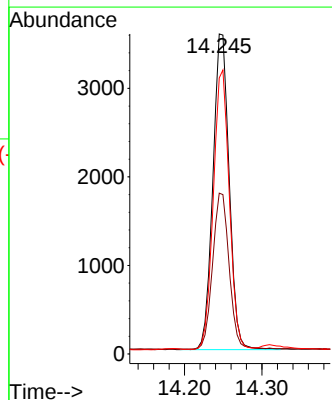
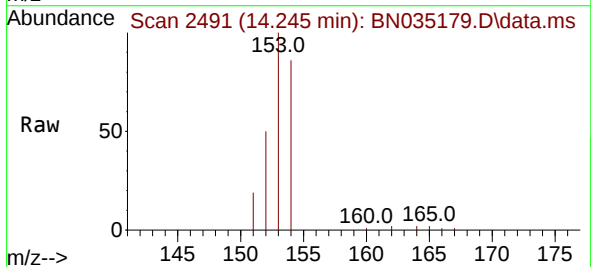
Instrument :
BNA_N
ClientSampleId :
SLCS072

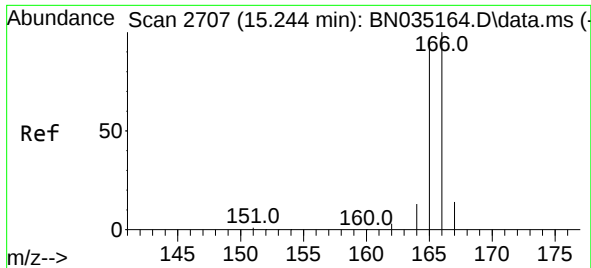
Tgt Ion:152 Resp: 6765
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:153 Resp: 5201
Ion Ratio Lower Upper
153 100
152 50.3 41.4 62.0
154 86.3 71.2 106.8

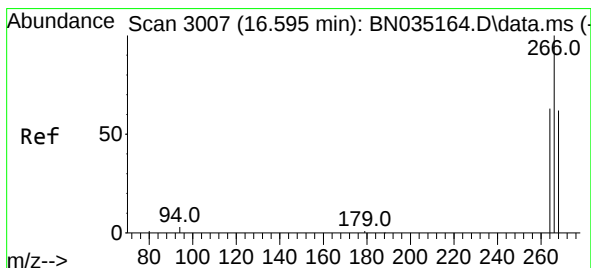
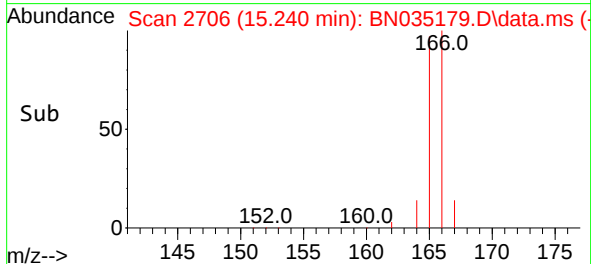
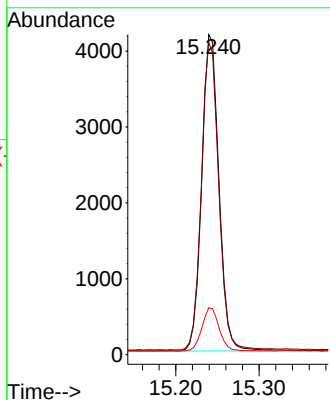
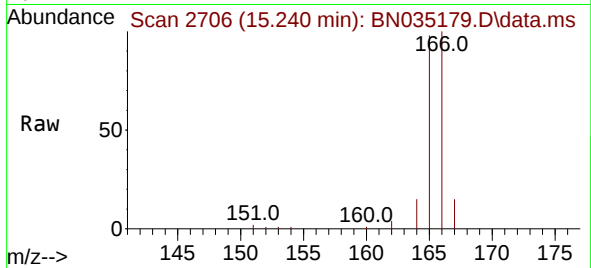




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

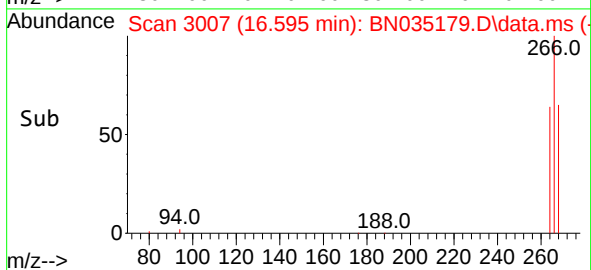
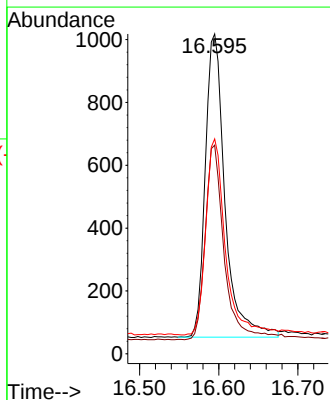
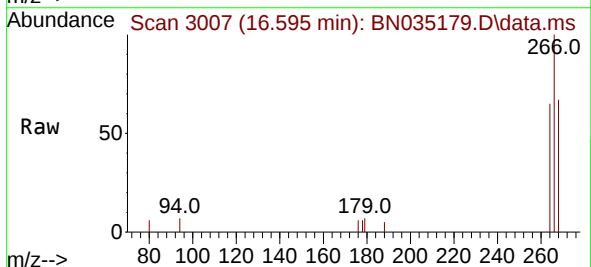
Instrument :
BNA_N
ClientSampleId :
SLCS072

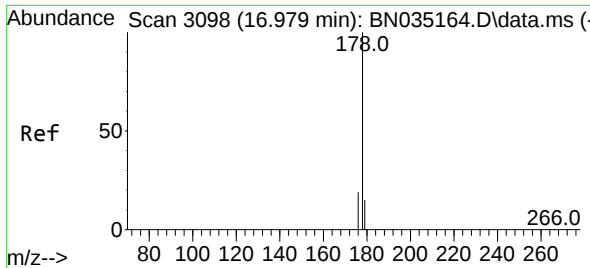
Tgt Ion:166 Resp: 5993
Ion Ratio Lower Upper
166 100
165 97.5 78.6 118.0
167 14.7 11.8 17.6



#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:266 Resp: 1667
Ion Ratio Lower Upper
266 100
264 62.0 51.8 77.6
268 64.5 51.3 76.9

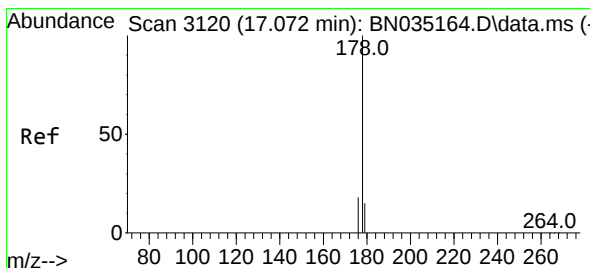
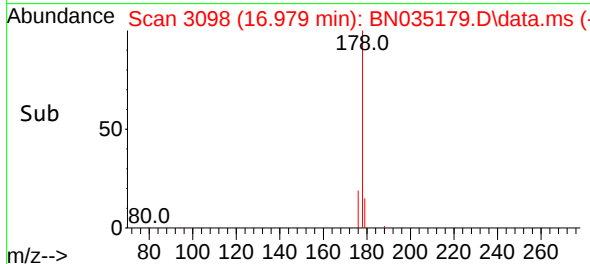
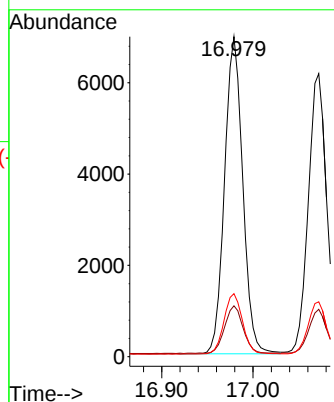
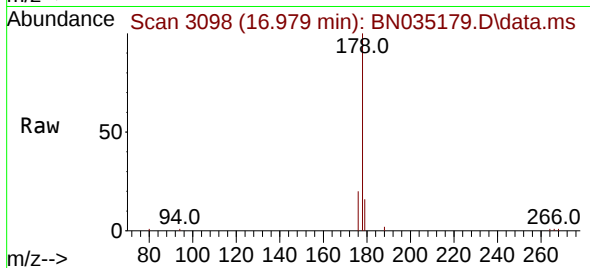




#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

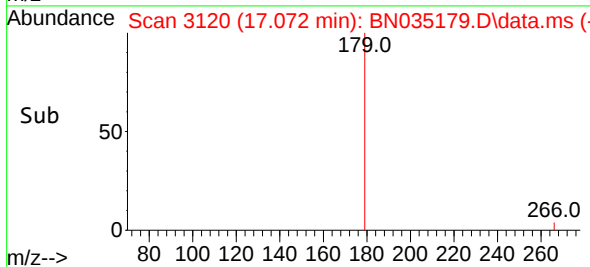
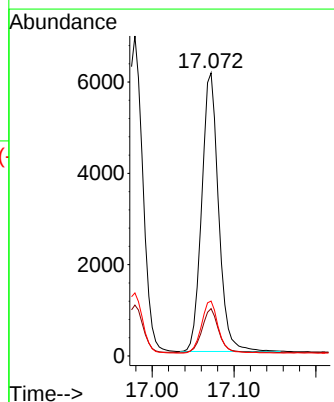
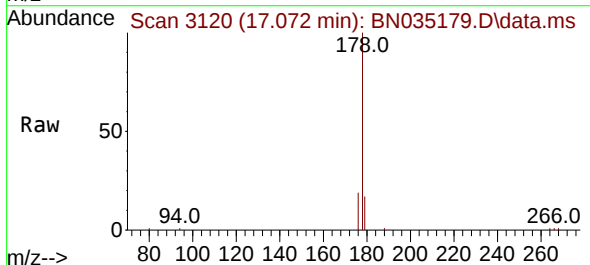
Instrument :
BNA_N
ClientSampleId :
SLCS072

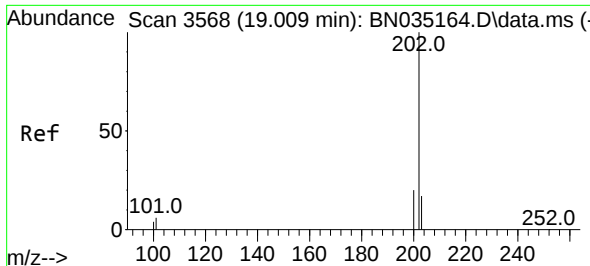
Tgt Ion:178 Resp: 9600
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:178 Resp: 8720
Ion Ratio Lower Upper
178 100
179 16.7 12.9 19.3
176 19.4 15.4 23.2

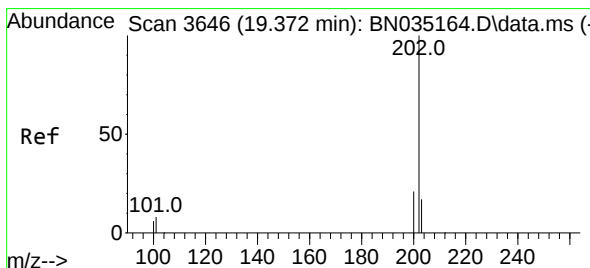
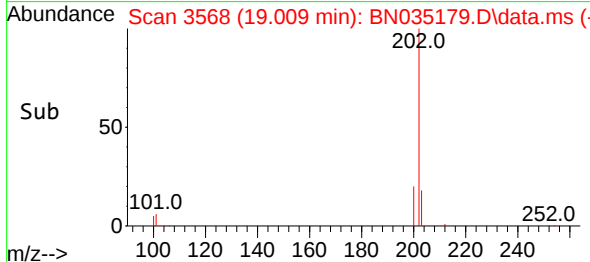
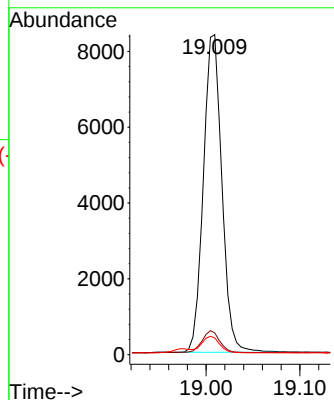
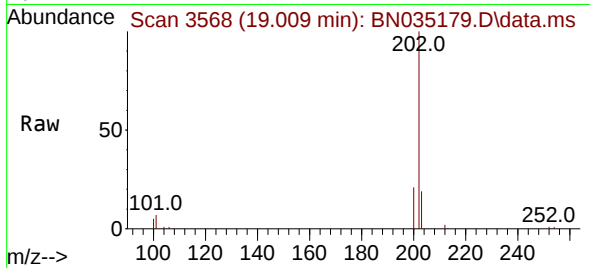




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

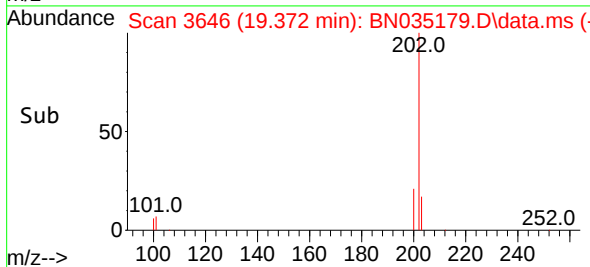
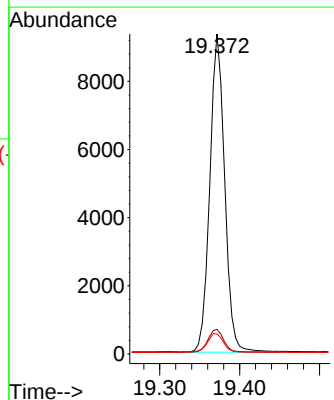
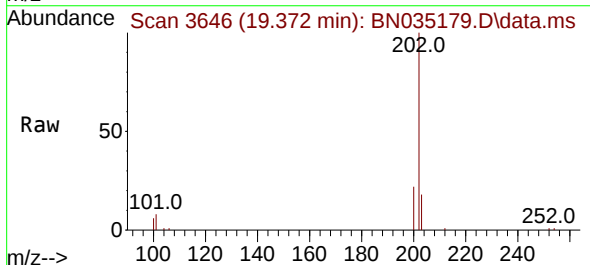
Instrument :
BNA_N
ClientSampleId :
SLCS072

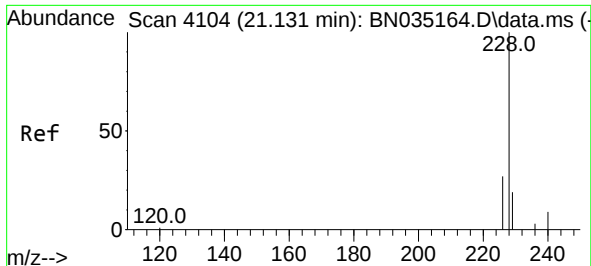
Tgt Ion:202 Resp: 11482
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.6
100 5.2 4.5 6.7



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:202 Resp: 12078
Ion Ratio Lower Upper
202 100
101 7.7 6.2 9.4
100 6.3 5.1 7.7

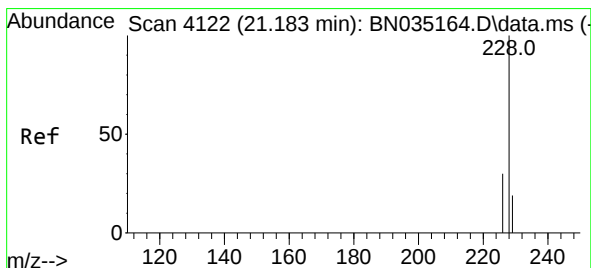
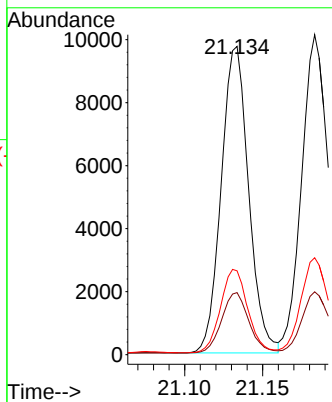
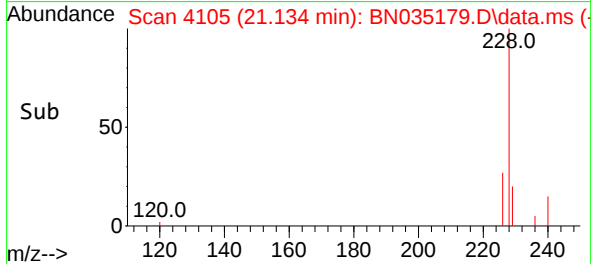
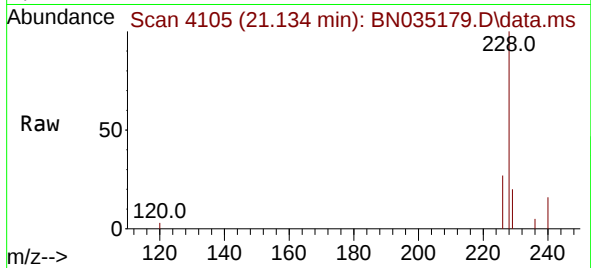




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.134 min Scan# 4105
Delta R.T. -0.006 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

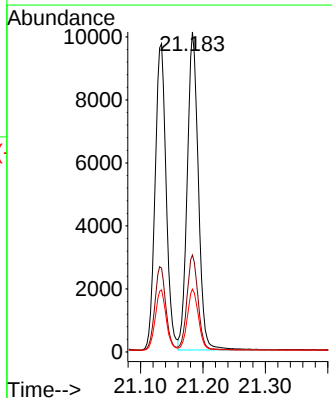
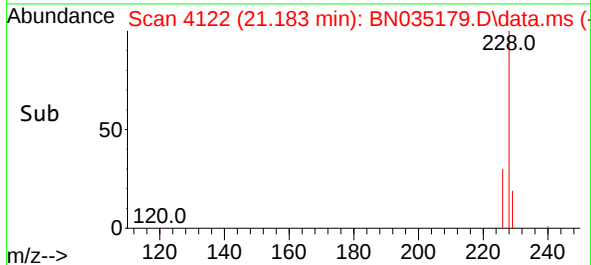
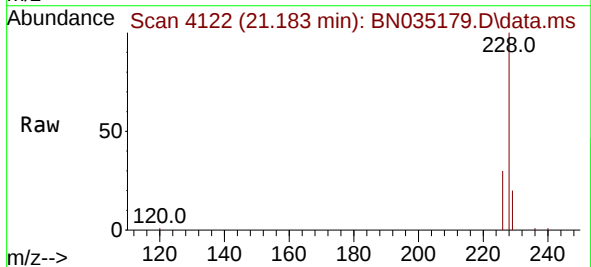
Instrument :
BNA_N
ClientSampleId :
SLCS072

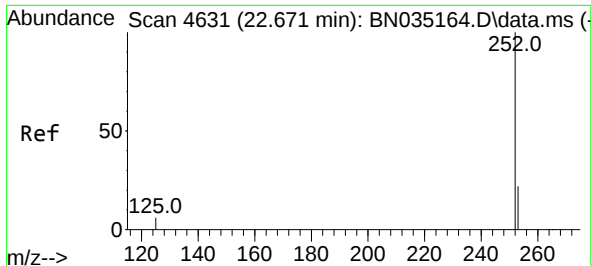
Tgt Ion:228 Resp: 11944
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 27.2 21.8 32.8



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

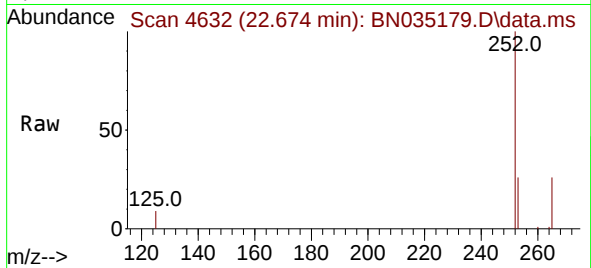
Tgt Ion:228 Resp: 12448
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 19.6 16.0 24.0



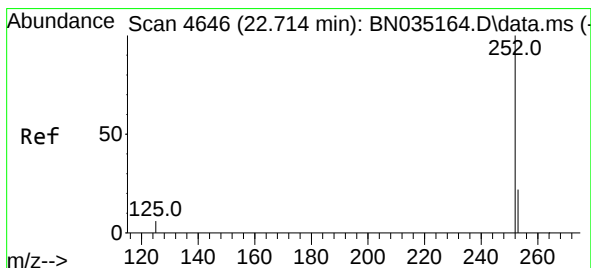
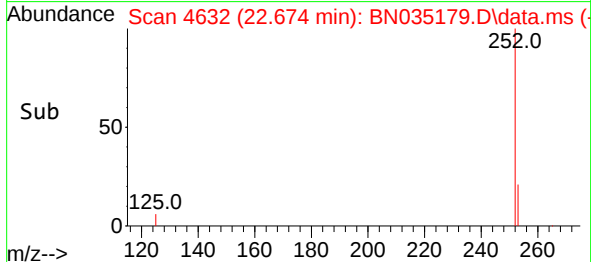
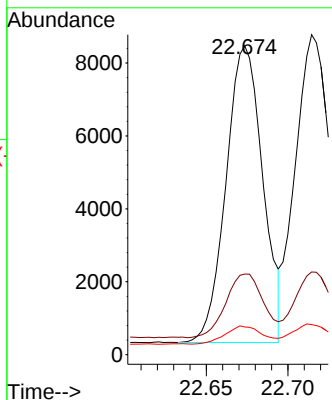


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS072

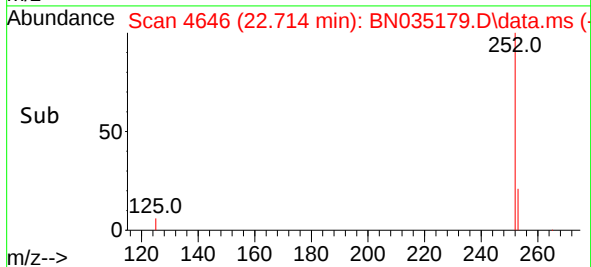
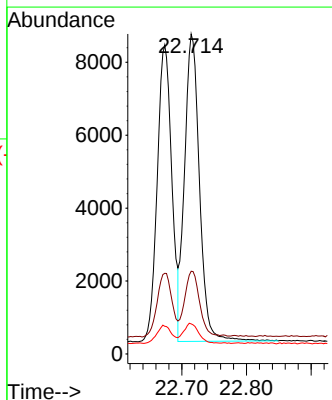
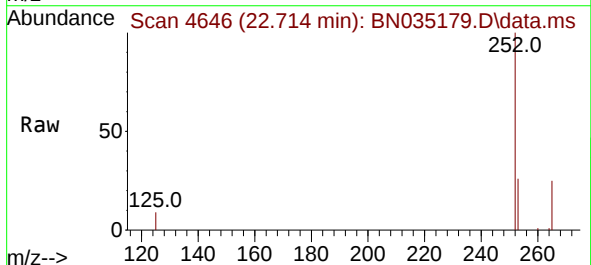


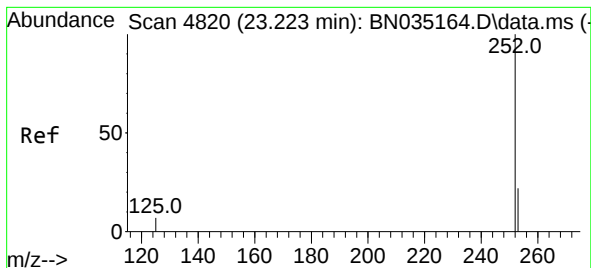
Tgt Ion:252 Resp: 12713
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.0
125 9.0 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.714 min Scan# 4646
Delta R.T. -0.009 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:252 Resp: 13489
Ion Ratio Lower Upper
252 100
253 25.8 21.8 32.6
125 9.4 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.226 min Scan# 4820

Delta R.T. -0.006 min

Lab File: BN035179.D

Acq: 20 Nov 2024 01:28

Instrument :

BNA_N

ClientSampleId :

SLCS072

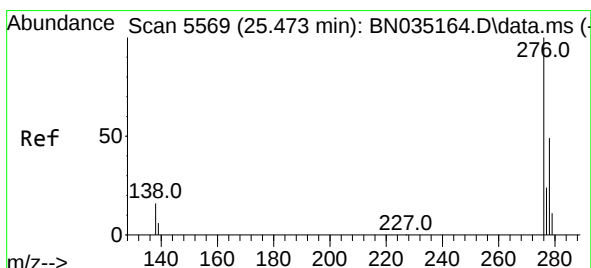
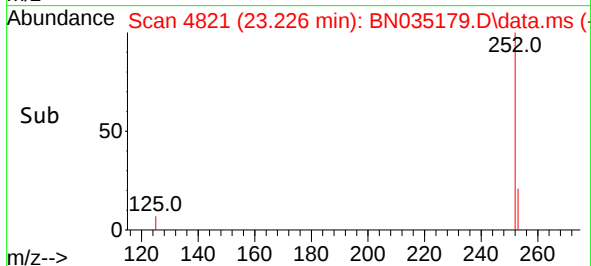
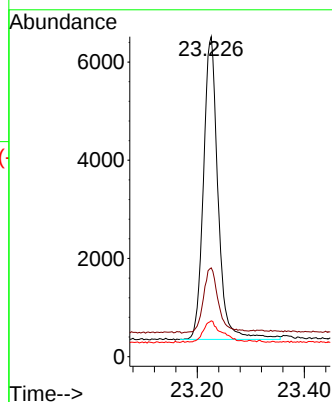
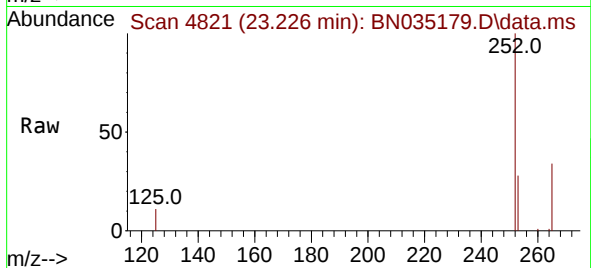
Tgt Ion:252 Resp: 11640

Ion Ratio Lower Upper

252 100

253 27.8 22.9 34.3

125 11.2 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng/ul

RT: 25.477 min Scan# 5570

Delta R.T. -0.010 min

Lab File: BN035179.D

Acq: 20 Nov 2024 01:28

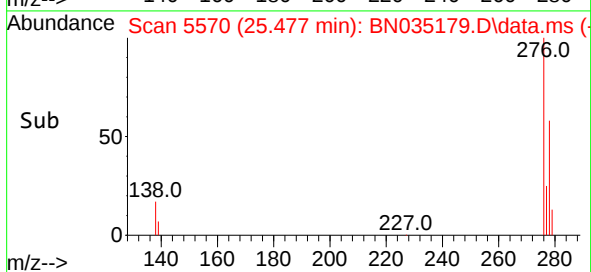
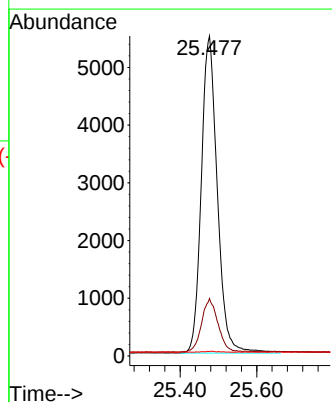
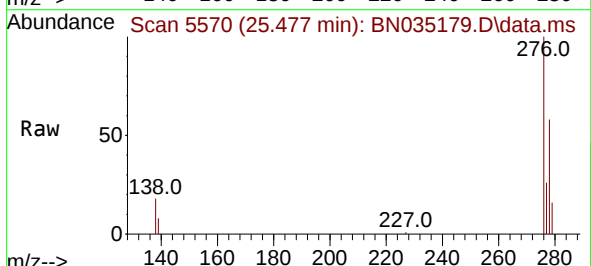
Tgt Ion:276 Resp: 15977

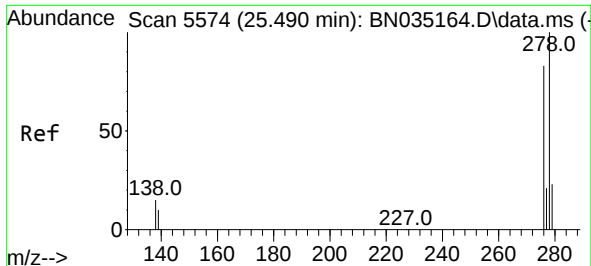
Ion Ratio Lower Upper

276 100

138 17.2 13.8 20.8

227 0.1 0.2 0.4

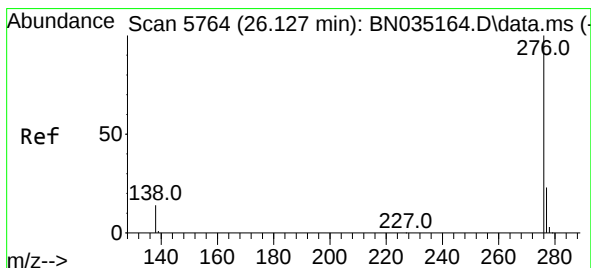
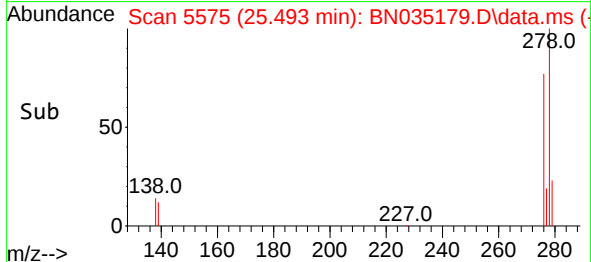
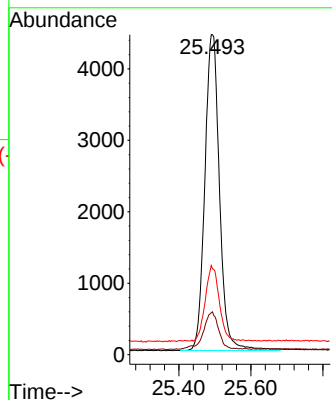
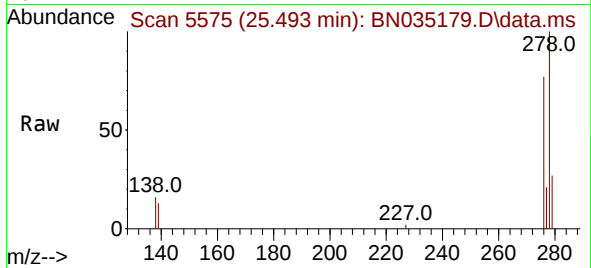




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.493 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS072

Tgt Ion:278 Resp: 12535
Ion Ratio Lower Upper
278 100
139 13.4 10.7 16.1
279 26.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035179.D
Acq: 20 Nov 2024 01:28

Tgt Ion:276 Resp: 12648
Ion Ratio Lower Upper
276 100
138 16.0 13.0 19.6
277 24.8 20.5 30.7

