

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035178.D
 Acq On : 20 Nov 2024 00:52
 Operator : RC/JU
 Sample : PB165074BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS074

Quant Time: Nov 20 01:19:45 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)

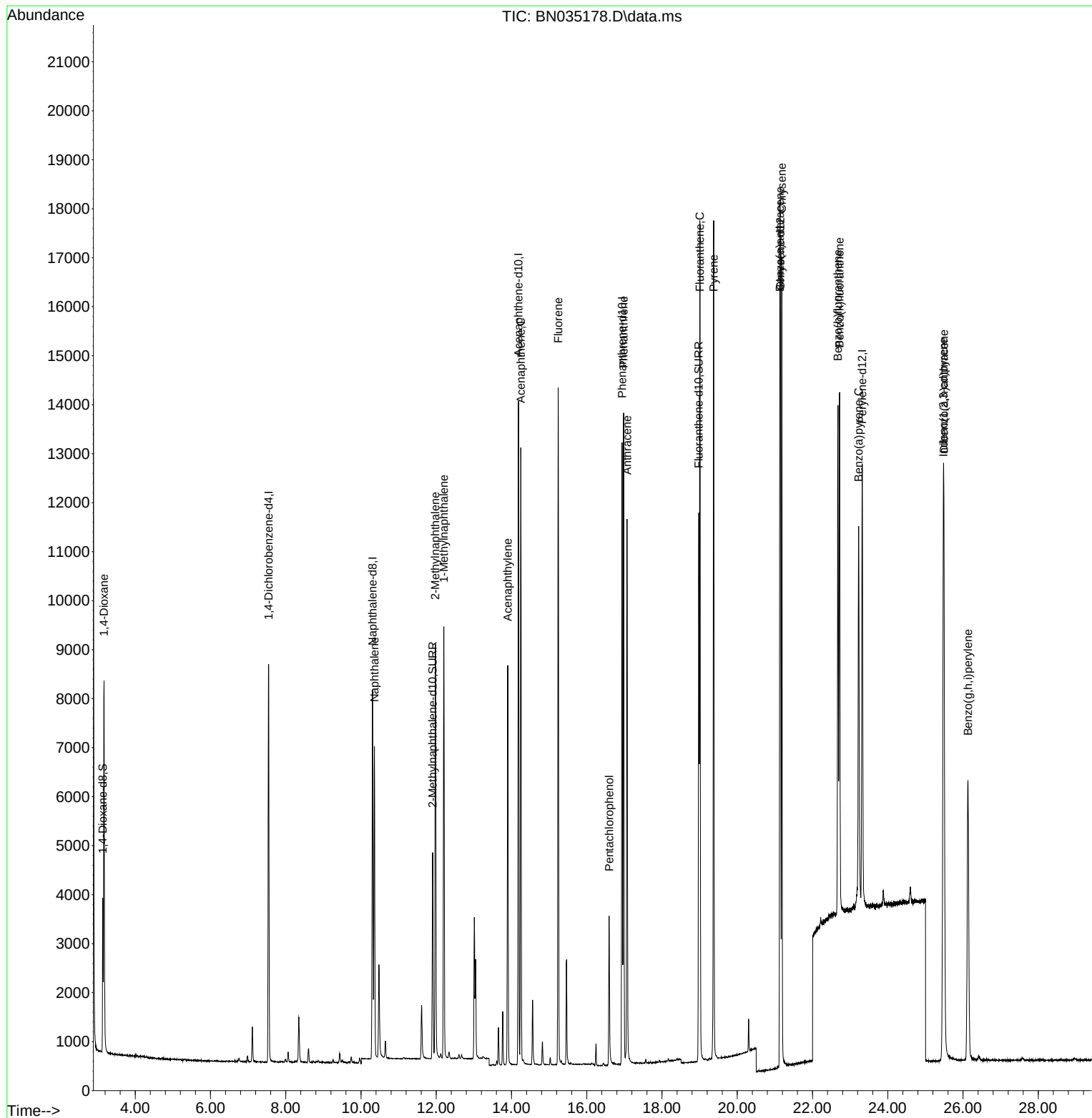
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	4141	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	10178	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	7249	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	15802	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	11037	0.400	ng/ul	0.00
23) Perylene-d12	23.323	264	10962	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	2263	0.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	5591	0.375	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	13212	0.434	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	6004	1.461	ng/ul#	94
5) Naphthalene	10.355	128	8292	0.323	ng/ul	98
7) 2-Methylnaphthalene	11.978	142	5944	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	6053	0.337	ng/ul	99
10) Acenaphthylene	13.898	152	9182	0.319	ng/ul	99
11) Acenaphthene	14.245	153	7104	0.323	ng/ul	99
12) Fluorene	15.239	166	8451	0.327	ng/ul	99
14) Pentachlorophenol	16.595	266	2157	0.586	ng/ul	98
15) Phenanthrene	16.979	178	13522	0.324	ng/ul	99
16) Anthracene	17.072	178	12344	0.318	ng/ul	100
19) Fluoranthene	19.004	202	15124	0.394	ng/ul	100
20) Pyrene	19.372	202	15257	0.382	ng/ul	100
21) Benzo(a)anthracene	21.134	228	12974	0.339	ng/ul	100
22) Chrysene	21.183	228	13421	0.348	ng/ul	99
24) Benzo(b)fluoranthene	22.673	252	12586	0.347	ng/ul	99
25) Benzo(k)fluoranthene	22.717	252	13684	0.366	ng/ul	99
26) Benzo(a)pyrene	23.226	252	11472	0.346	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.477	276	15469	0.346	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.490	278	12095	0.345	ng/ul	98
29) Benzo(g,h,i)perylene	26.131	276	12043	0.342	ng/ul	99

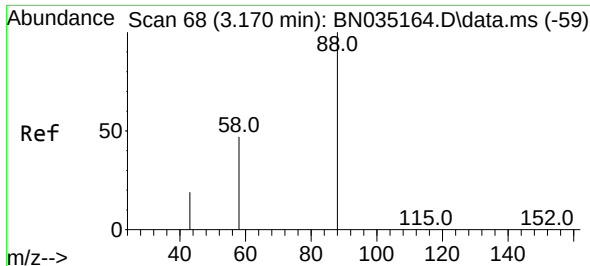
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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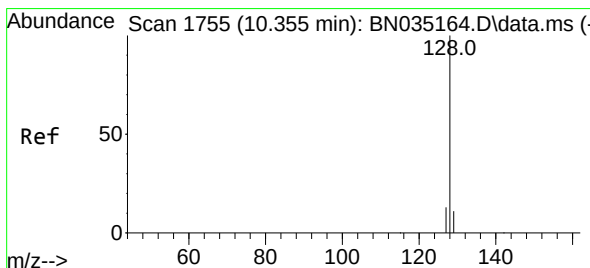
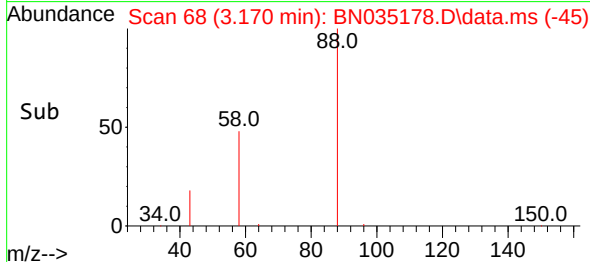
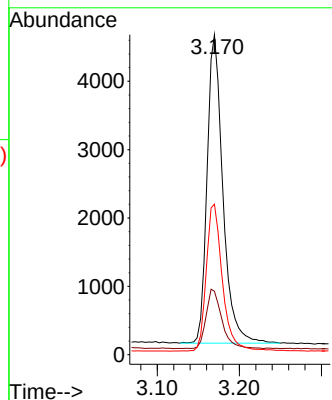
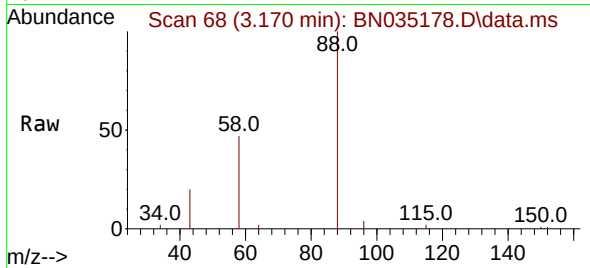




#2
 1,4-Dioxane
 Concen: 1.461 ng/ul
 RT: 3.170 min Scan# 68
 Delta R.T. -0.004 min
 Lab File: BN035178.D
 Acq: 20 Nov 2024 00:52

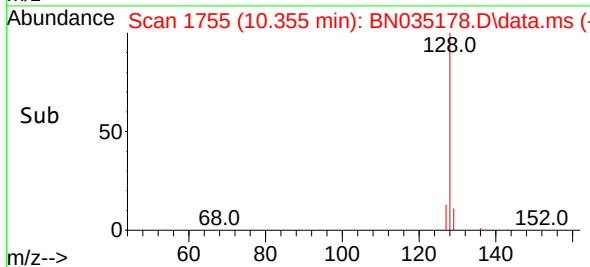
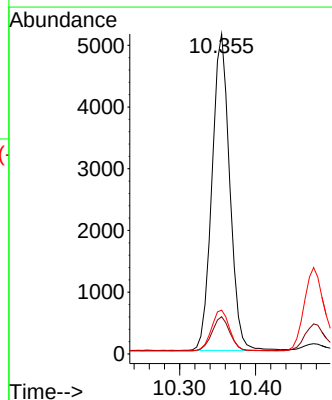
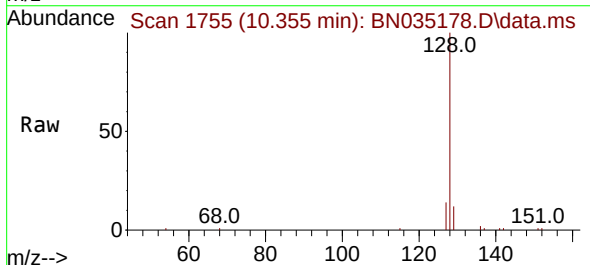
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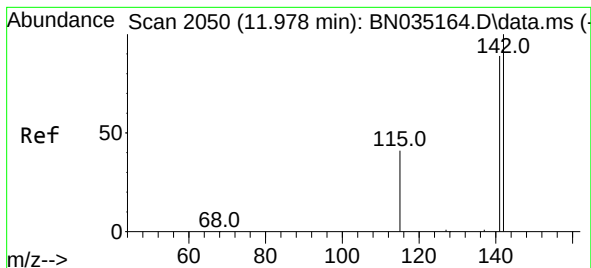
Tgt Ion: 88 Resp: 6004
 Ion Ratio Lower Upper
 88 100
 43 19.8 20.6 31.0#
 58 47.1 36.2 54.4



#5
 Naphthalene
 Concen: 0.323 ng/ul
 RT: 10.355 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BN035178.D
 Acq: 20 Nov 2024 00:52

Tgt Ion: 128 Resp: 8292
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.9 14.9
 127 13.7 11.4 17.2

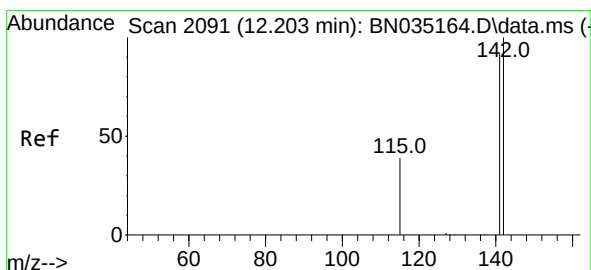
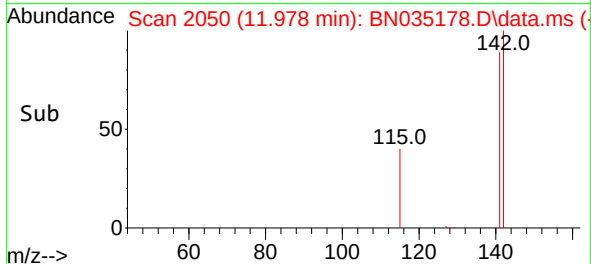
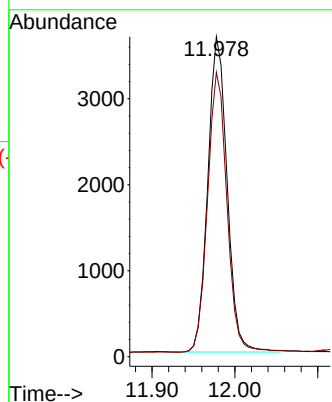
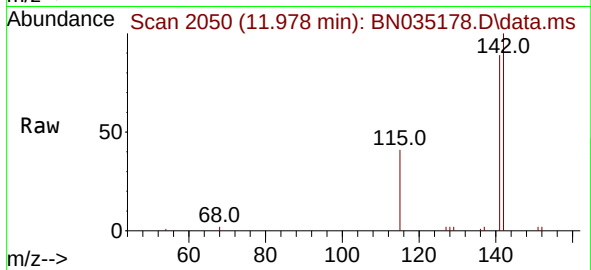




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

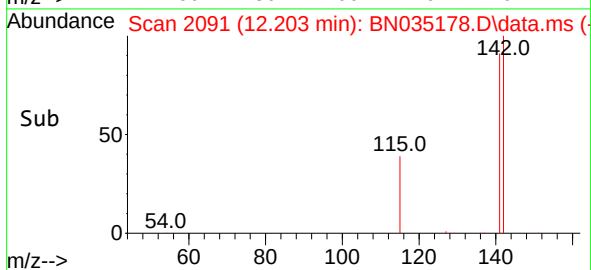
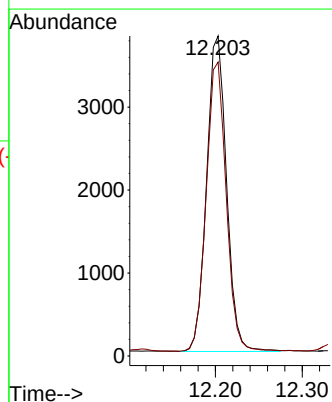
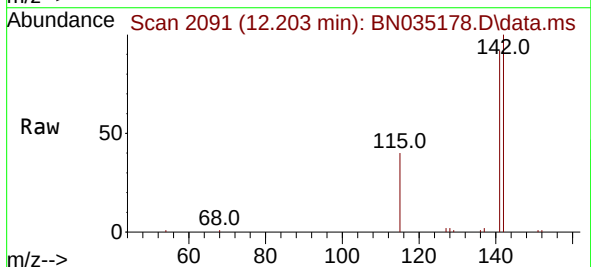
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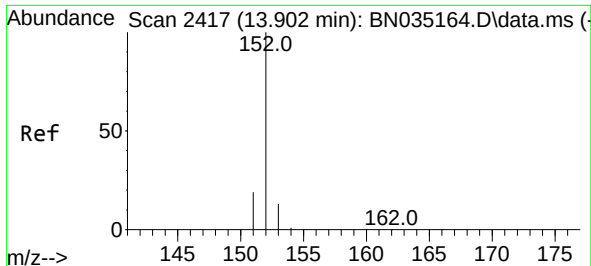
Tgt Ion:142 Resp: 5944
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

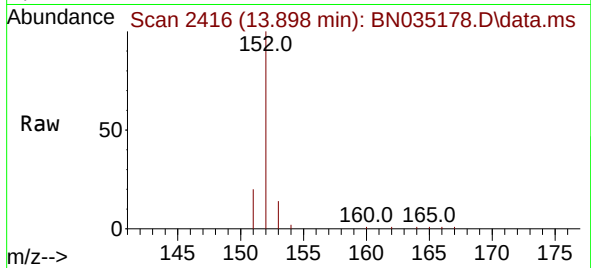
Tgt Ion:142 Resp: 6053
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7



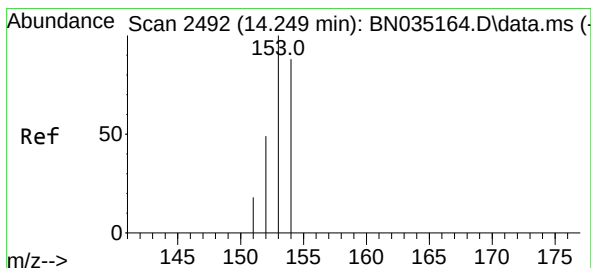
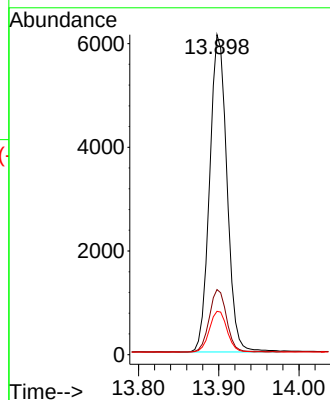


#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Instrument :
BNA_N
ClientSampleId :
SLCS074

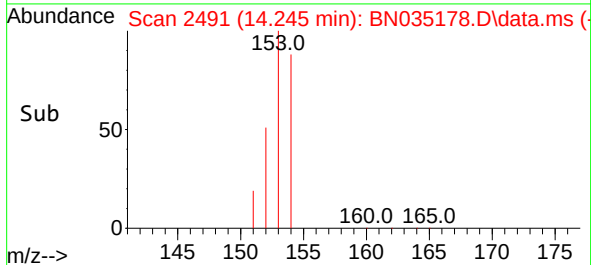
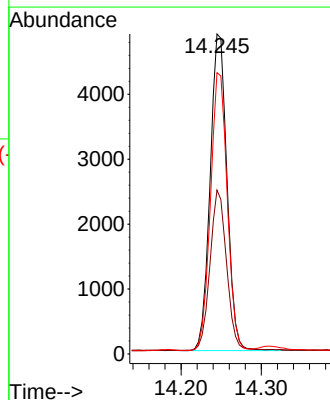
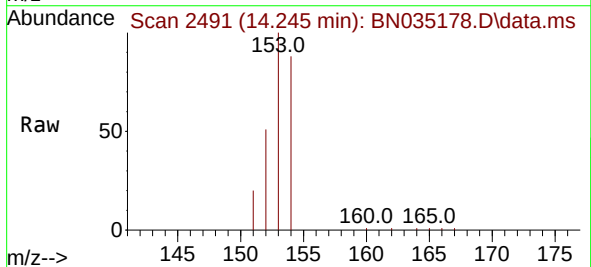


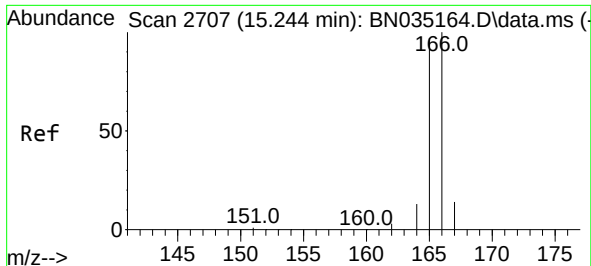
Tgt Ion:152 Resp: 9182
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Tgt Ion:153 Resp: 7104
Ion Ratio Lower Upper
153 100
152 51.2 41.4 62.0
154 87.9 71.2 106.8

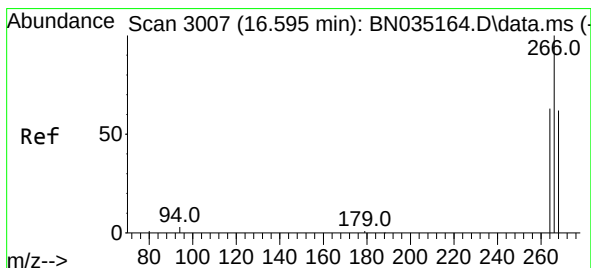
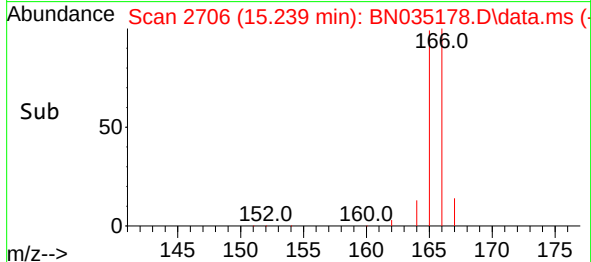
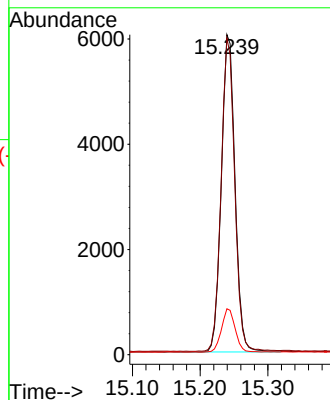
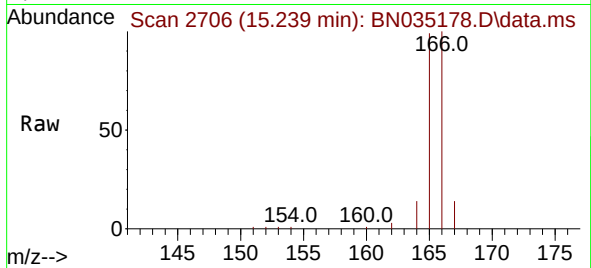




#12
 Fluorene
 Concen: 0.327 ng/ul
 RT: 15.239 min Scan# 2706
 Delta R.T. -0.005 min
 Lab File: BN035178.D
 Acq: 20 Nov 2024 00:52

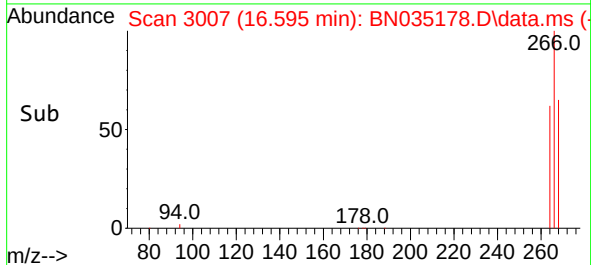
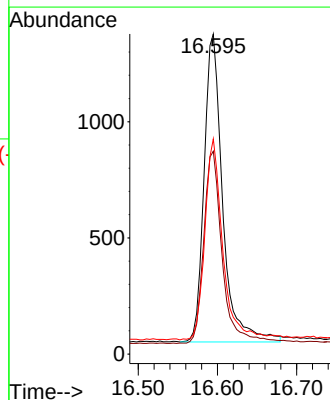
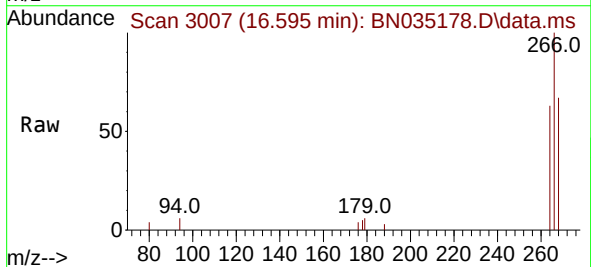
Instrument :
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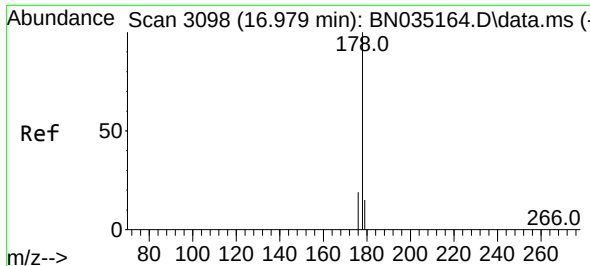
Tgt Ion:166 Resp: 8451
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 118.0
 167 14.3 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.586 ng/ul
 RT: 16.595 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BN035178.D
 Acq: 20 Nov 2024 00:52

Tgt Ion:266 Resp: 2157
 Ion Ratio Lower Upper
 266 100
 264 62.1 51.8 77.6
 268 63.4 51.3 76.9

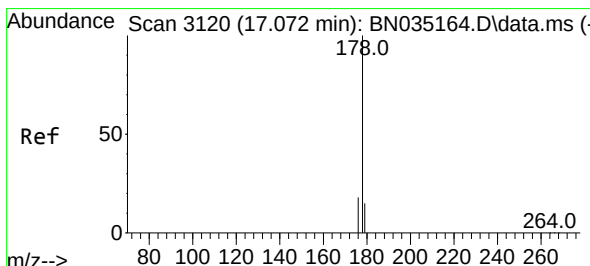
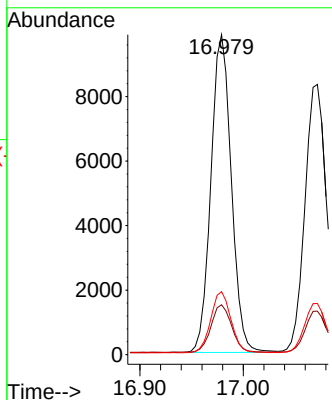
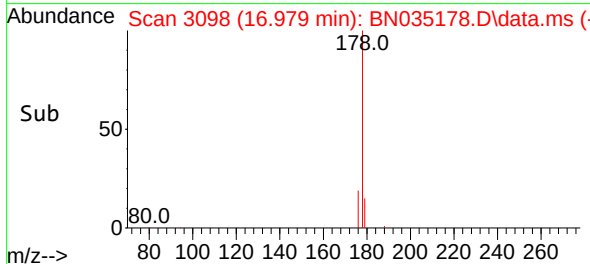
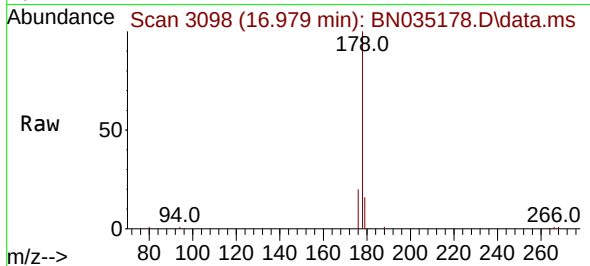




#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

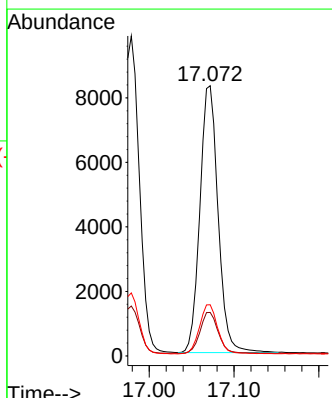
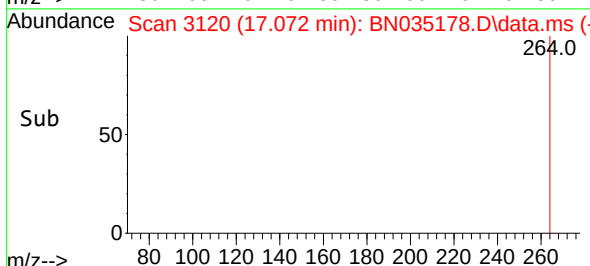
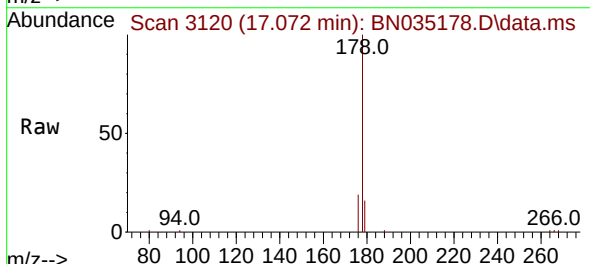
Instrument :
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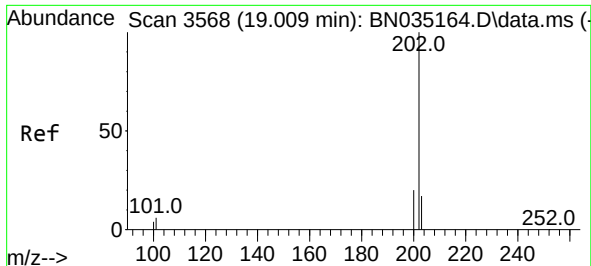
Tgt Ion:	178	Resp:	13522
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.9	19.3
176	19.7	15.6	23.4



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Tgt Ion:	178	Resp:	12344
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.9	19.3
176	18.9	15.4	23.2

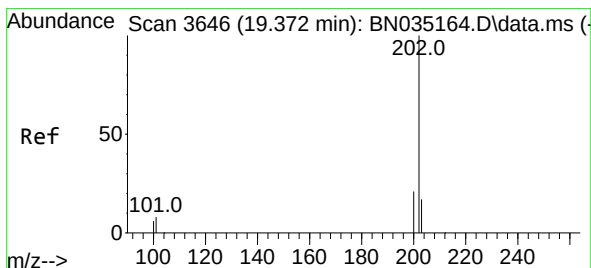
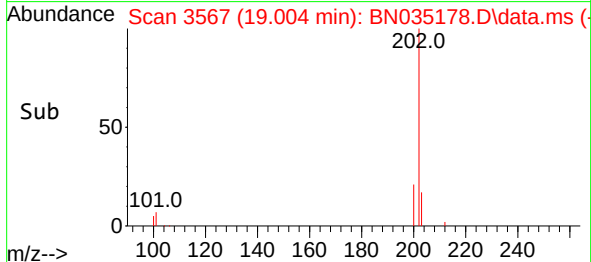
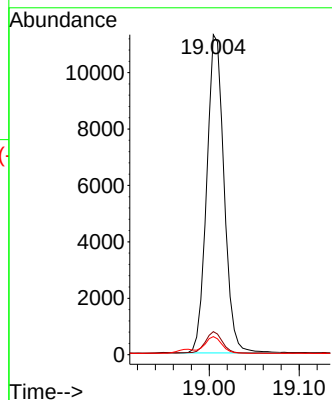
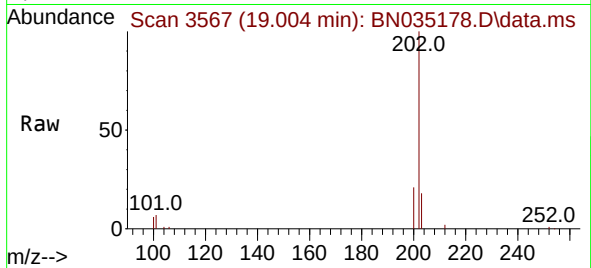




#19
Fluoranthene
Concen: 0.394 ng/u1
RT: 19.004 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

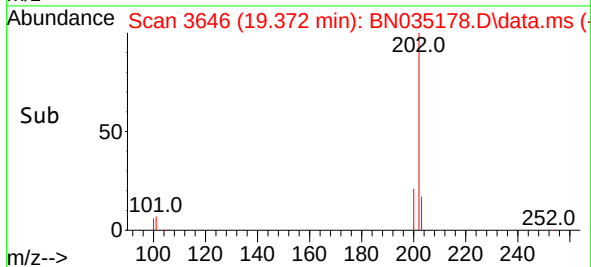
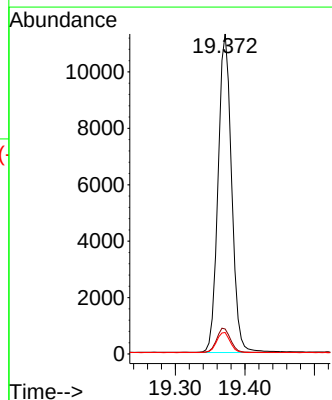
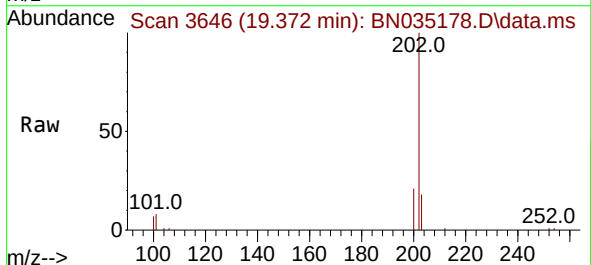
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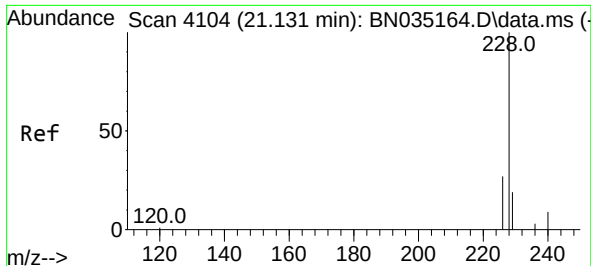
Tgt Ion:202 Resp: 15124
Ion Ratio Lower Upper
202 100
101 7.2 5.8 8.6
100 5.7 4.5 6.7



#20
Pyrene
Concen: 0.382 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

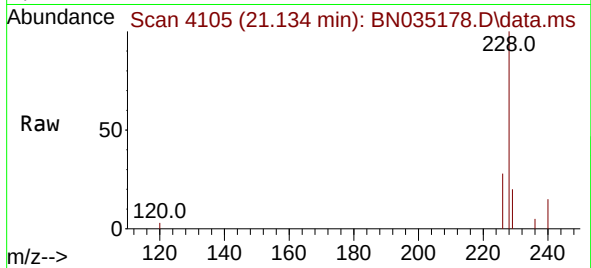
Tgt Ion:202 Resp: 15257
Ion Ratio Lower Upper
202 100
101 7.8 6.2 9.4
100 6.7 5.1 7.7



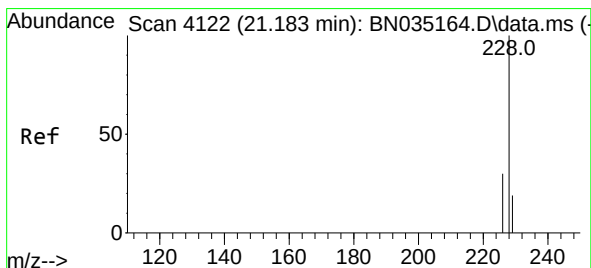
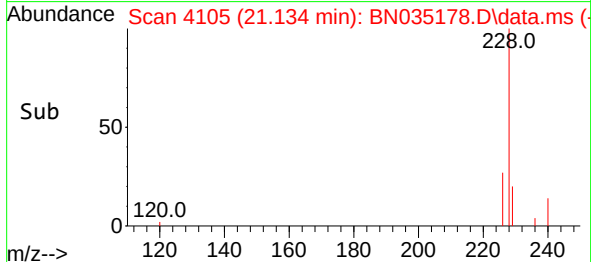
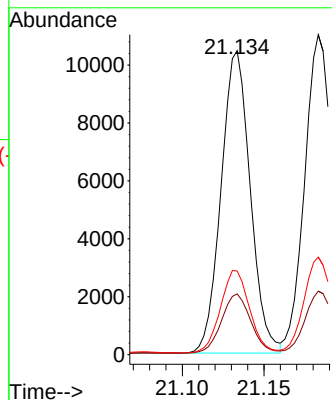


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.134 min Scan# 4105
Delta R.T. -0.006 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Instrument :
BNA_N
ClientSampleId :
SLCS074

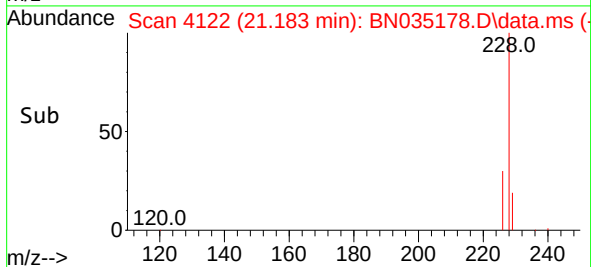
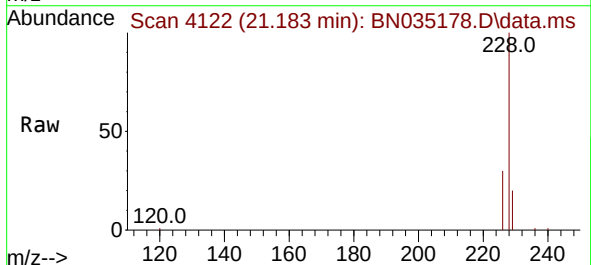
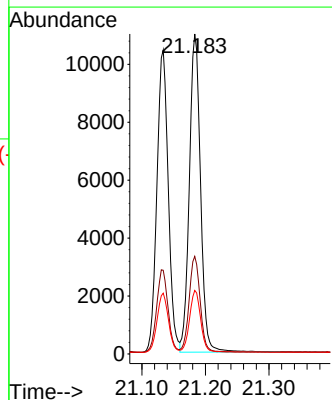


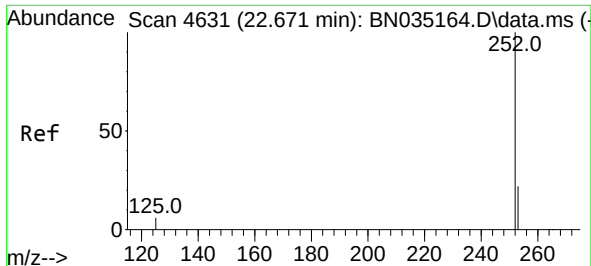
Tgt Ion:228 Resp: 12974
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.5 21.8 32.8



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

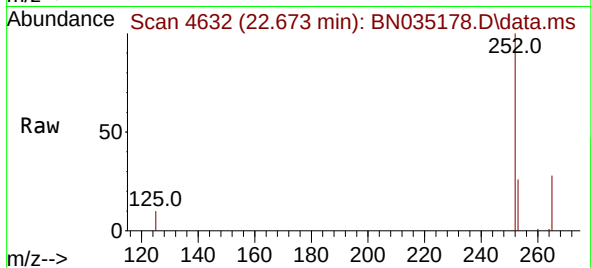
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Ion Ratio Lower Upper
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226 30.5 24.7 37.1
229 19.8 16.0 24.0



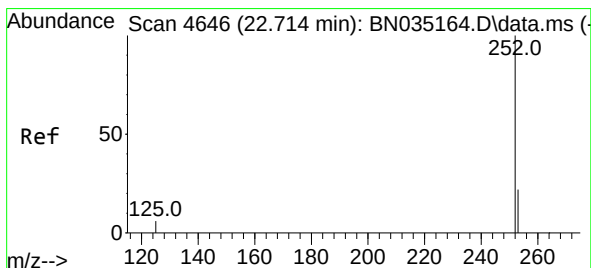
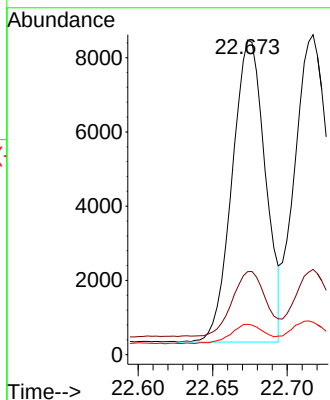


#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.673 min Scan# 4631
Delta R.T. -0.009 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Instrument :
BNA_N
ClientSampleId :
SLCS074

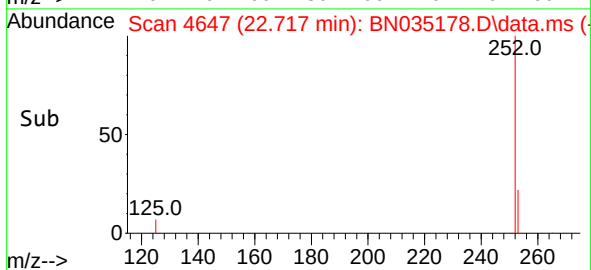
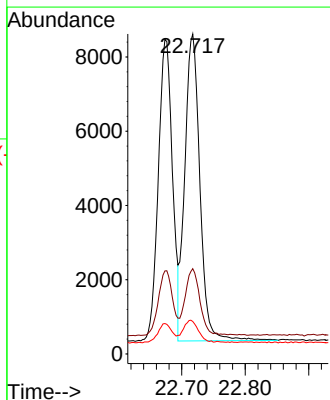
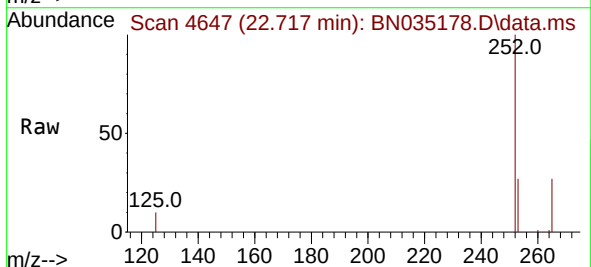


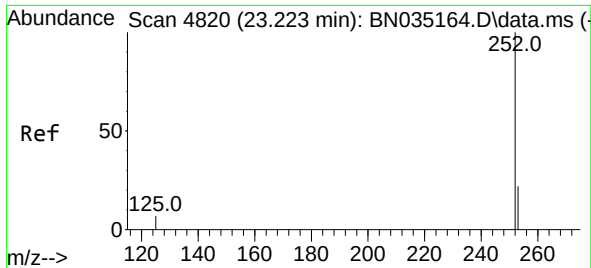
Tgt Ion:252 Resp: 12586
Ion Ratio Lower Upper
252 100
253 26.4 0.0 54.0
125 9.7 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Tgt Ion:252 Resp: 13684
Ion Ratio Lower Upper
252 100
253 26.7 21.8 32.6
125 10.2 8.6 12.8

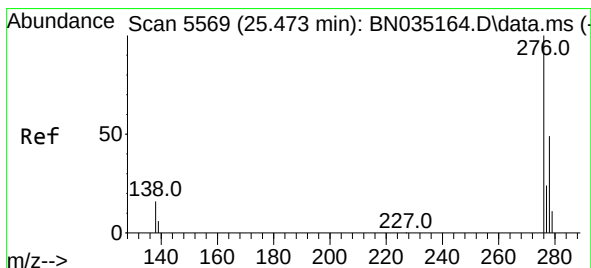
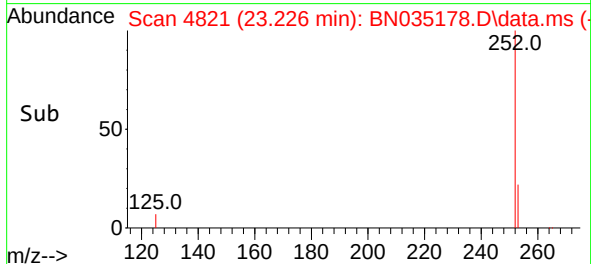
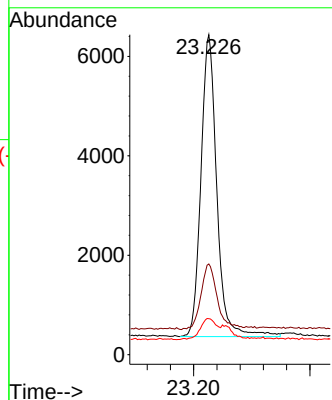
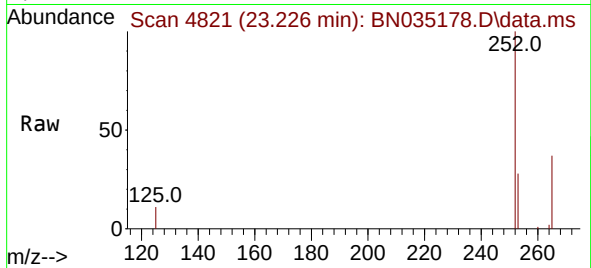




#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

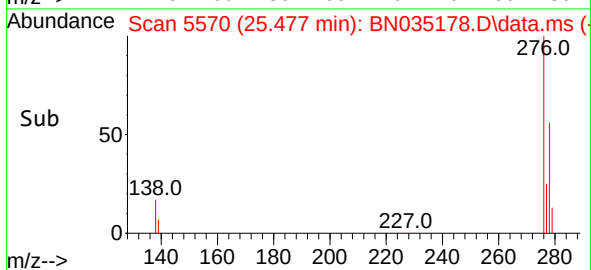
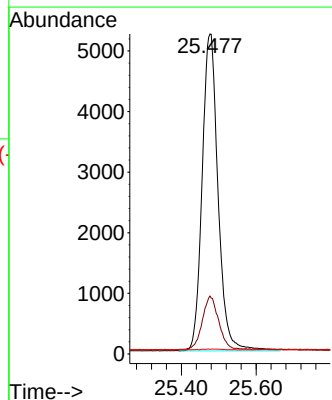
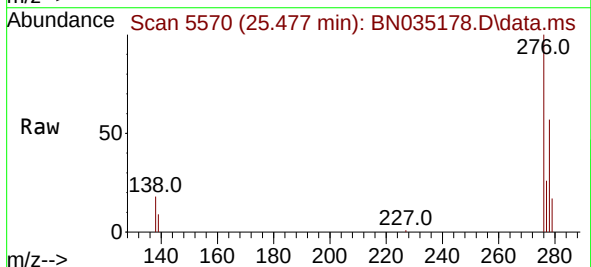
Instrument :
BNA_N
ClientSampleId :
SLCS074

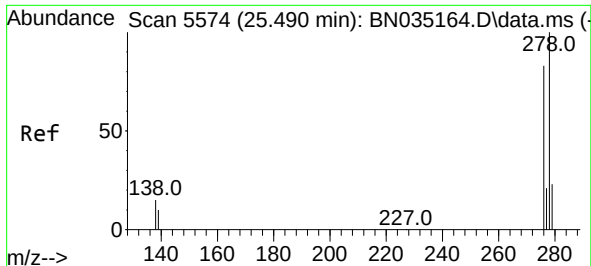
Tgt Ion:252 Resp: 11472
Ion Ratio Lower Upper
252 100
253 28.4 22.9 34.3
125 11.2 9.4 14.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 25.477 min Scan# 5570
Delta R.T. -0.010 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

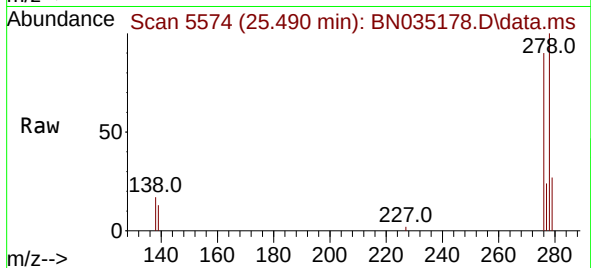
Tgt Ion:276 Resp: 15469
Ion Ratio Lower Upper
276 100
138 17.4 13.8 20.8
227 0.0 0.2 0.4



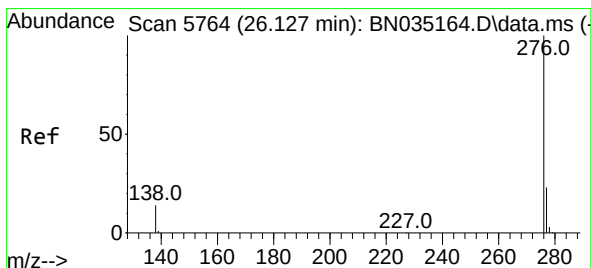
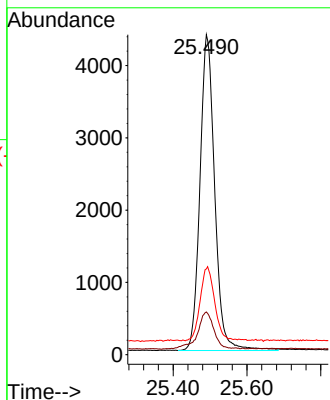
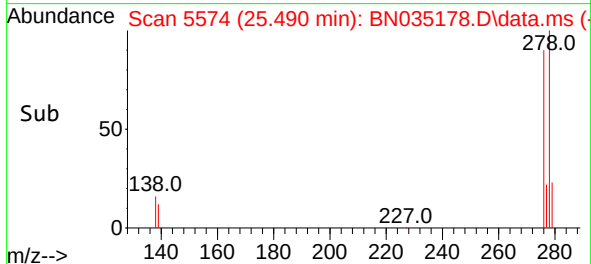


#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 25.490 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Instrument :
BNA_N
ClientSampleId :
SLCS074



Tgt Ion:278 Resp: 12095
Ion Ratio Lower Upper
278 100
139 13.3 10.7 16.1
279 26.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035178.D
Acq: 20 Nov 2024 00:52

Tgt Ion:276 Resp: 12043
Ion Ratio Lower Upper
276 100
138 16.6 13.0 19.6
277 25.1 20.5 30.7

