

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035180.D
 Acq On : 20 Nov 2024 02:04
 Operator : RC/JU
 Sample : PB165062BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS062

Quant Time: Nov 20 02:33:53 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)

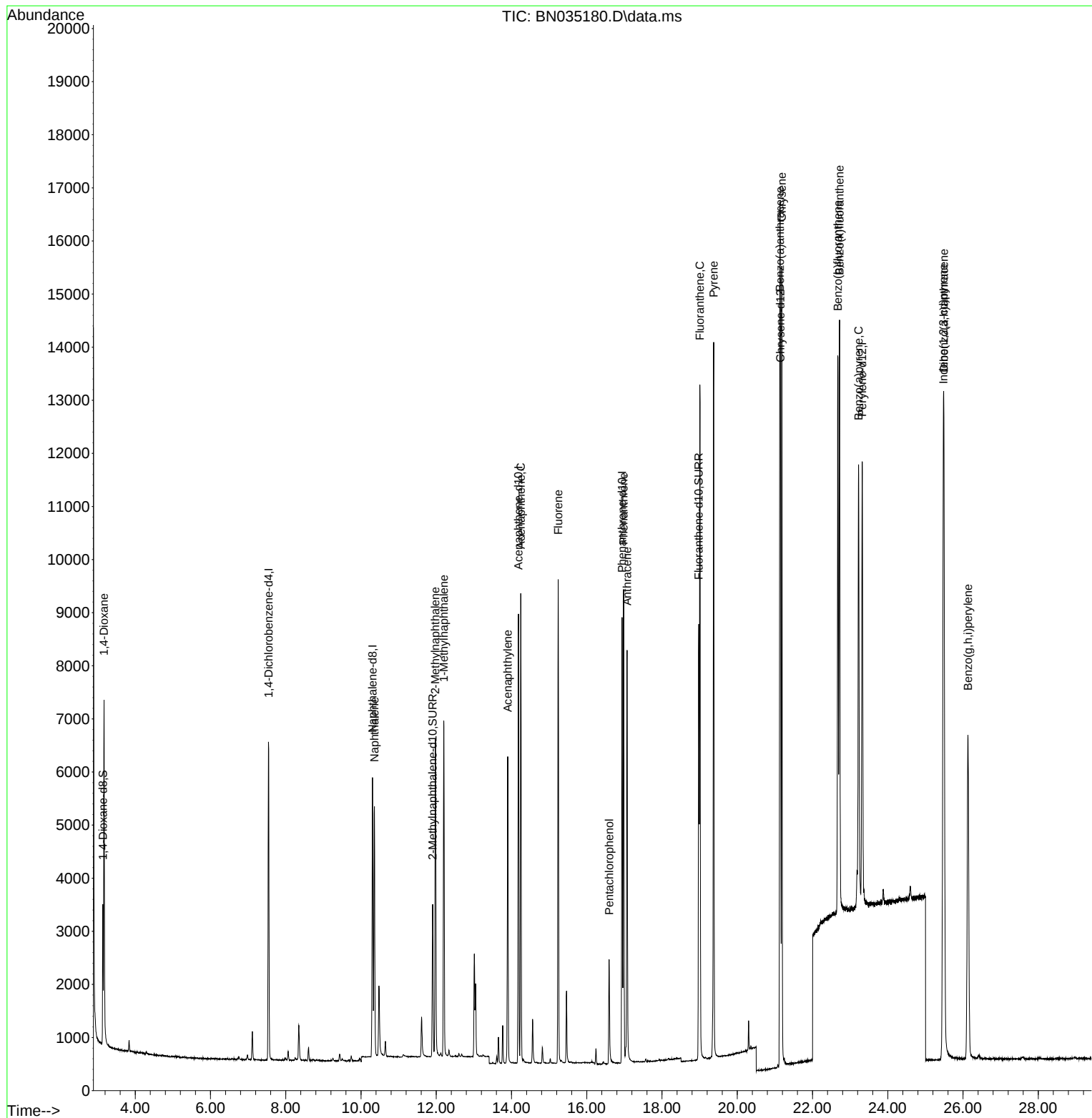
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3065	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	7134	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	4614	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	10038	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	9454	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	10406	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	1908	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	3911	0.374	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	9606	0.368	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	4878	1.604	ng/ul#	94
5) Naphthalene	10.355	128	6292	0.350	ng/ul	100
7) 2-Methylnaphthalene	11.978	142	4289	0.344	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	4377	0.348	ng/ul	99
10) Acenaphthylene	13.898	152	6389	0.349	ng/ul	98
11) Acenaphthene	14.245	153	4918	0.351	ng/ul	99
12) Fluorene	15.239	166	5672	0.345	ng/ul	100
14) Pentachlorophenol	16.595	266	1476	0.631	ng/ul	98
15) Phenanthrene	16.979	178	9281	0.350	ng/ul	100
16) Anthracene	17.072	178	8435	0.342	ng/ul	99
19) Fluoranthene	19.004	202	11487	0.349	ng/ul	100
20) Pyrene	19.372	202	12026	0.351	ng/ul	99
21) Benzo(a)anthracene	21.134	228	12235	0.373	ng/ul	100
22) Chrysene	21.183	228	12766	0.387	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	13115	0.381	ng/ul	98
25) Benzo(k)fluoranthene	22.717	252	13980	0.394	ng/ul	97
26) Benzo(a)pyrene	23.223	252	12104	0.385	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.477	276	16523	0.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.490	278	13001	0.391	ng/ul	98
29) Benzo(g,h,i)perylene	26.131	276	13043	0.390	ng/ul	99

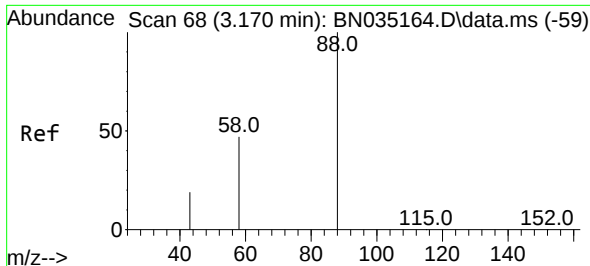
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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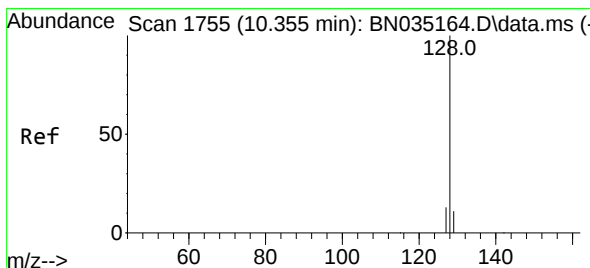
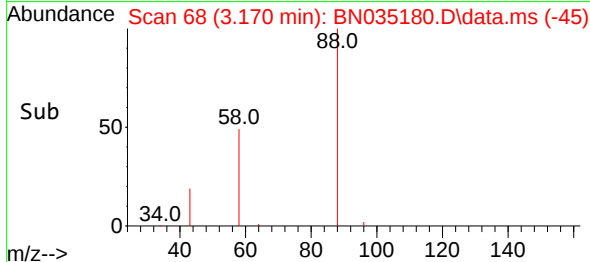
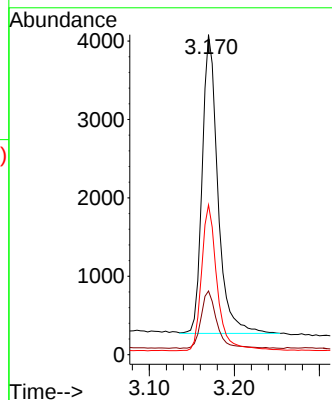
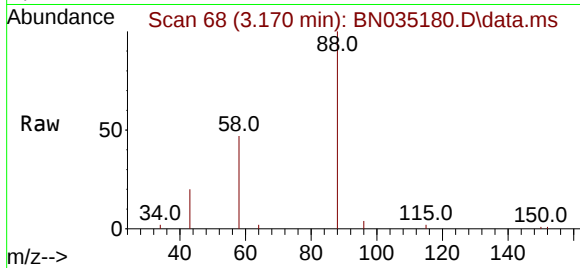




#2
1,4-Dioxane
Concen: 1.604 ng/ul
RT: 3.170 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

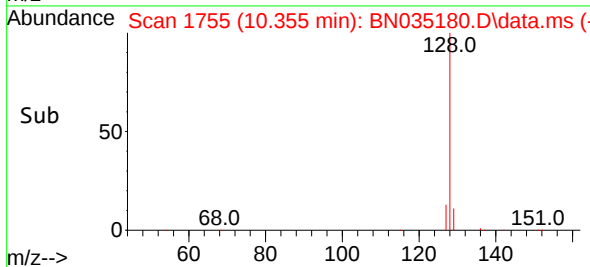
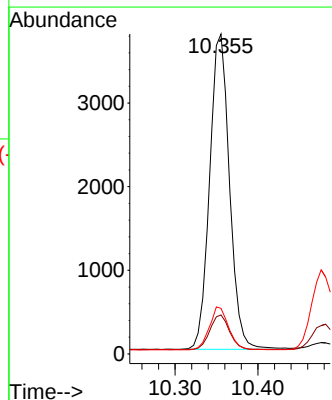
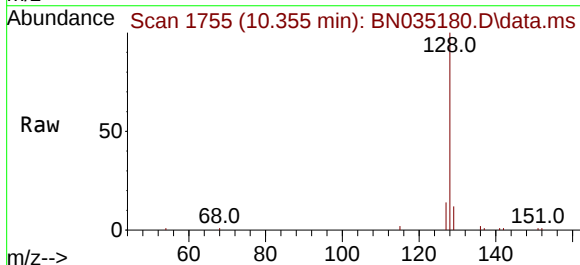
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BNA_N
ClientSampleId :
SLCS062

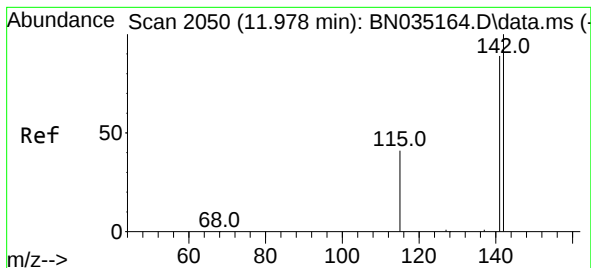
Tgt Ion: 88 Resp: 4878
Ion Ratio Lower Upper
88 100
43 19.9 20.6 31.0#
58 46.8 36.2 54.4



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:128 Resp: 6292
Ion Ratio Lower Upper
128 100
129 12.2 9.9 14.9
127 14.2 11.4 17.2

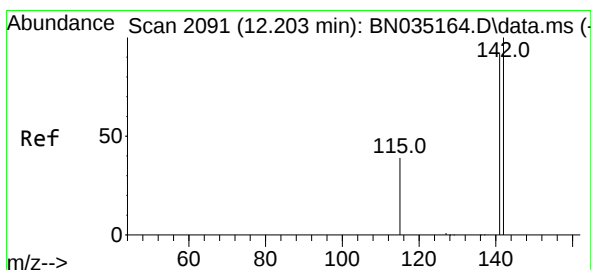
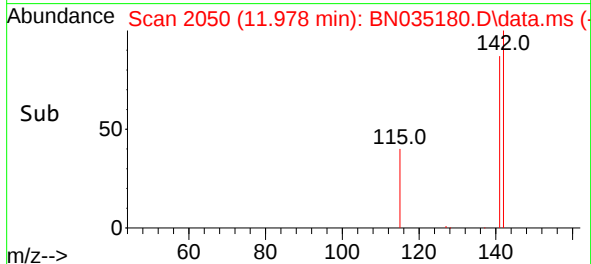
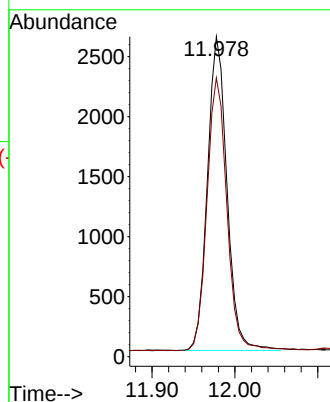
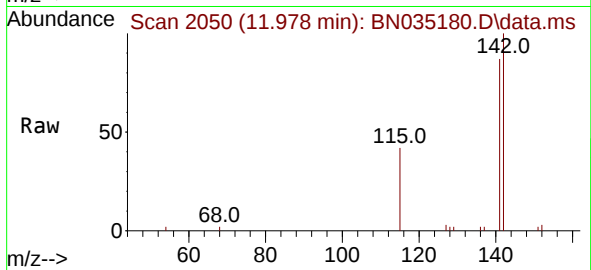




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

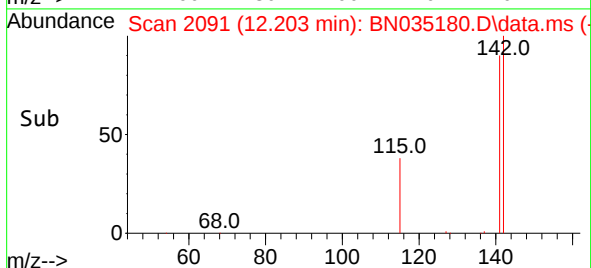
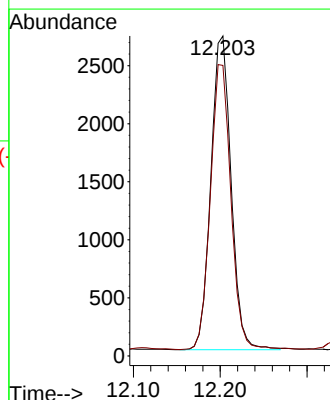
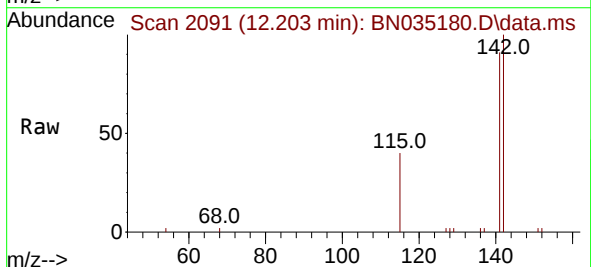
Instrument :
BNA_N
ClientSampleId :
SLCS062

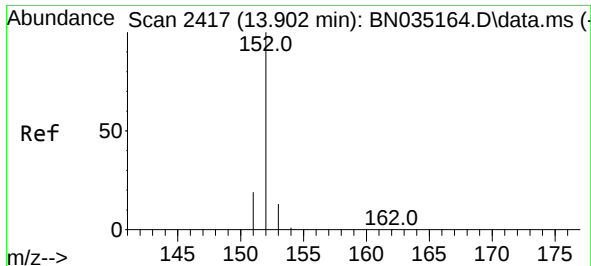
Tgt Ion:142 Resp: 4289
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:142 Resp: 4377
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7

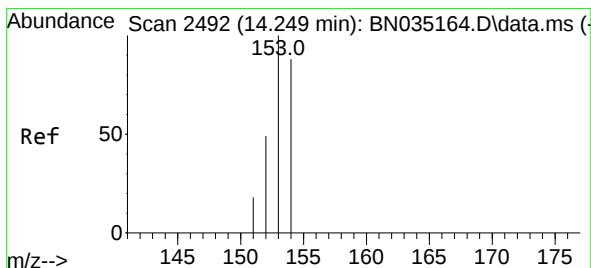
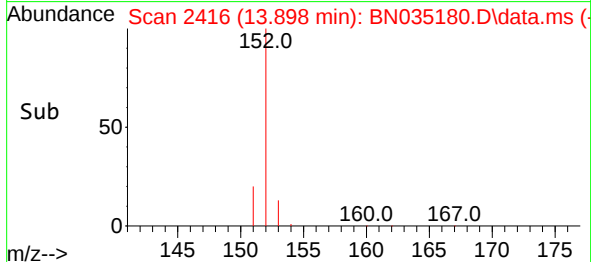
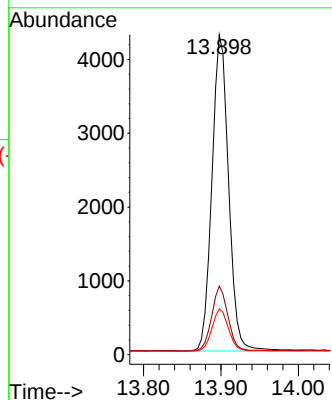
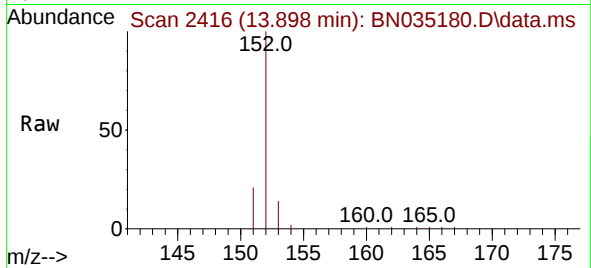




#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

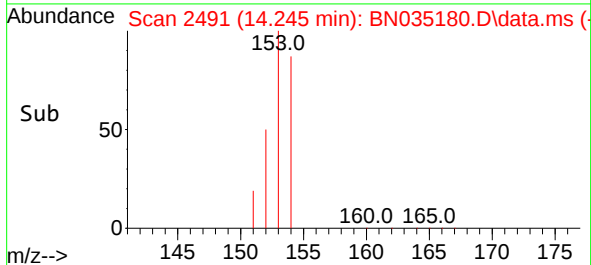
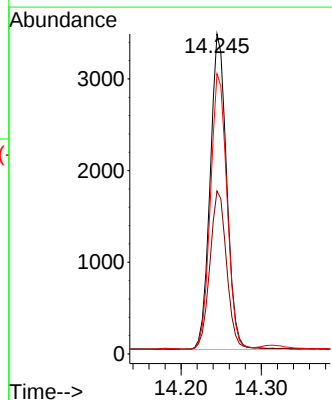
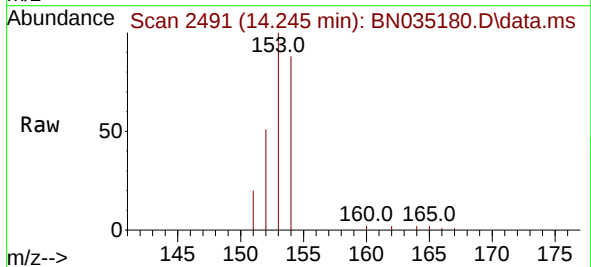
Instrument :
BNA_N
ClientSampleId :
SLCS062

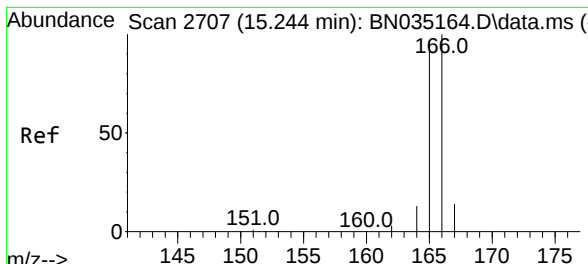
Tgt Ion:152 Resp: 6389
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 14.3 11.1 16.7



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:153 Resp: 4918
Ion Ratio Lower Upper
153 100
152 51.0 41.4 62.0
154 87.6 71.2 106.8

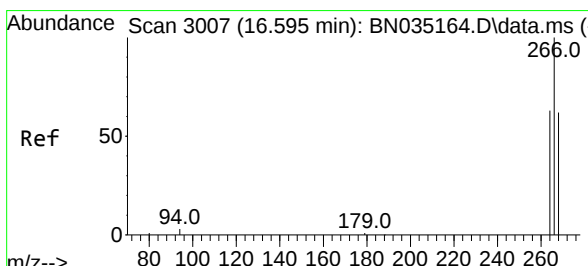
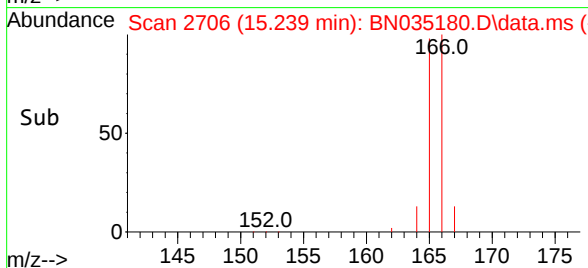
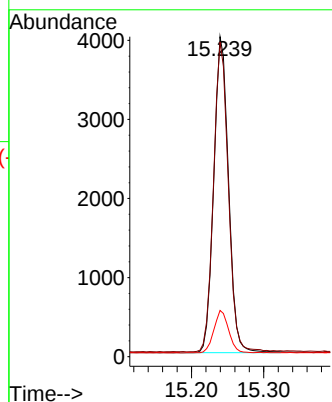
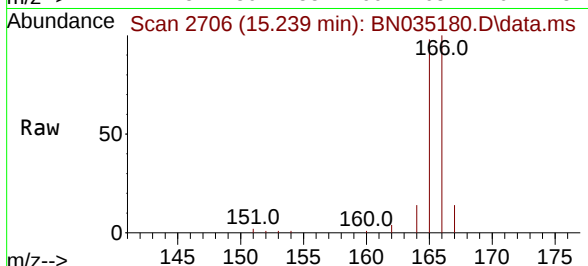




#12
 Fluorene
 Concen: 0.345 ng/ul
 RT: 15.239 min Scan# 2706
 Delta R.T. -0.005 min
 Lab File: BN035180.D
 Acq: 20 Nov 2024 02:04

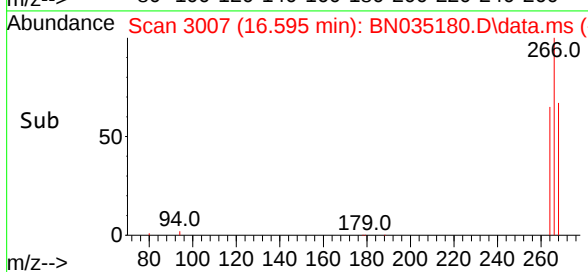
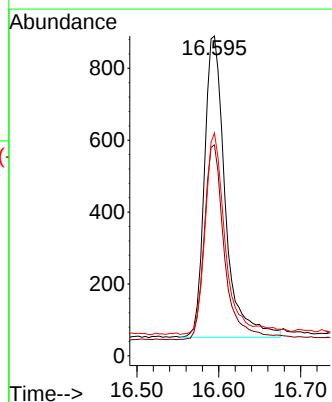
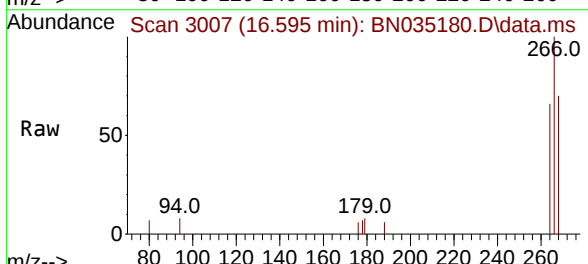
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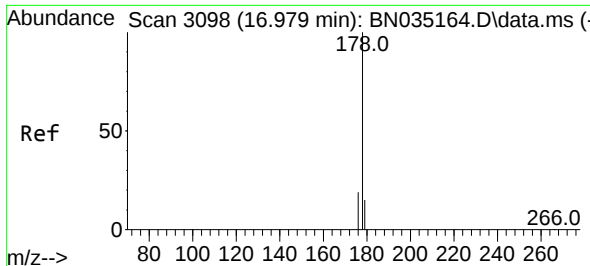
Tgt Ion:166	Resp:	5672
Ion Ratio	Lower	Upper
166	100	
165	98.3	78.6 118.0
167	14.5	11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.631 ng/ul
 RT: 16.595 min Scan# 3007
 Delta R.T. -0.004 min
 Lab File: BN035180.D
 Acq: 20 Nov 2024 02:04

Tgt Ion:266	Resp:	1476
Ion Ratio	Lower	Upper
266	100	
264	63.3	51.8 77.6
268	65.1	51.3 76.9

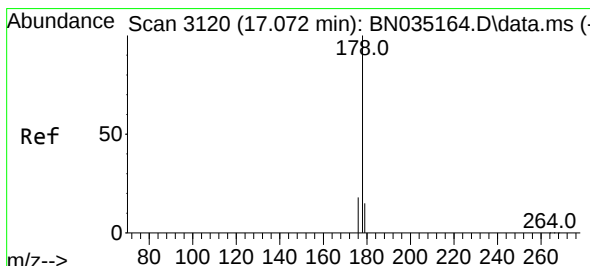
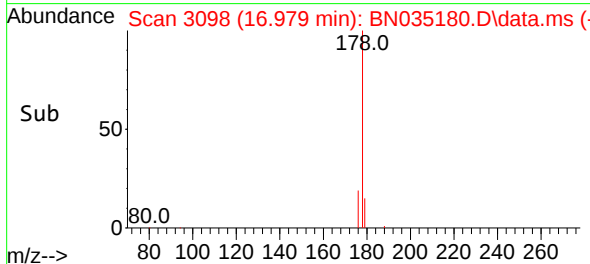
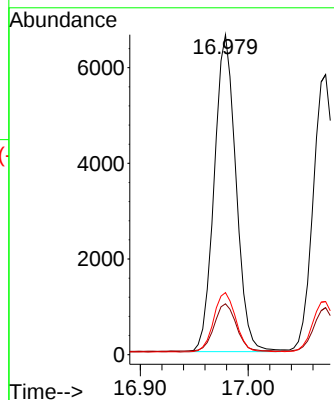
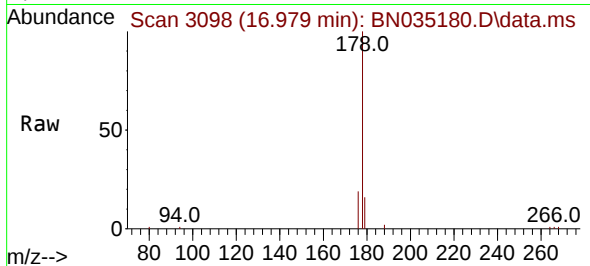




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

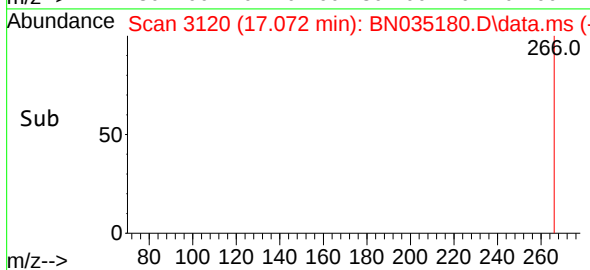
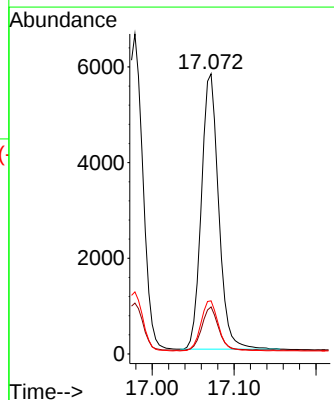
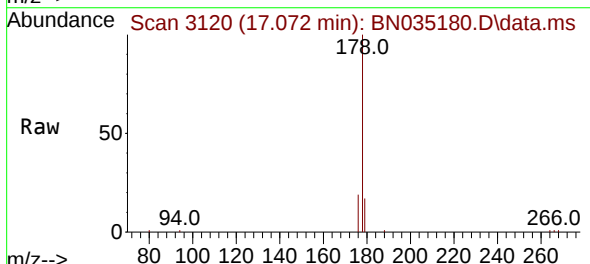
Instrument :
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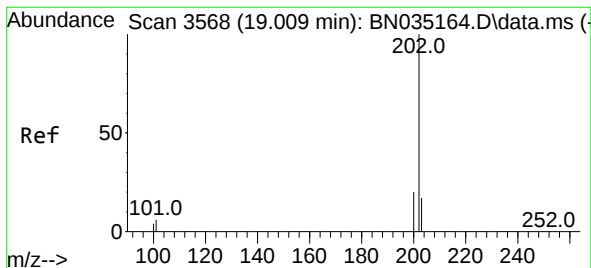
Tgt Ion:178	Resp:	9281
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.9 19.3
176	19.4	15.6 23.4



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:178	Resp:	8435
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.9 19.3
176	19.0	15.4 23.2





#19

Fluoranthene

Concen: 0.349 ng/ul

RT: 19.004 min Scan# 3567

Delta R.T. -0.005 min

Lab File: BN035180.D

Acq: 20 Nov 2024 02:04

Instrument :

BNA_N

ClientSampleId :

SLCS062

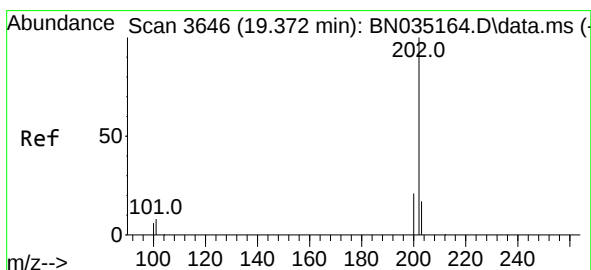
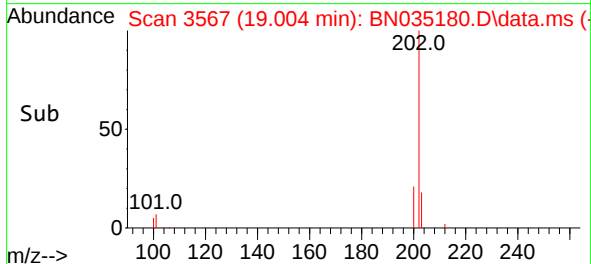
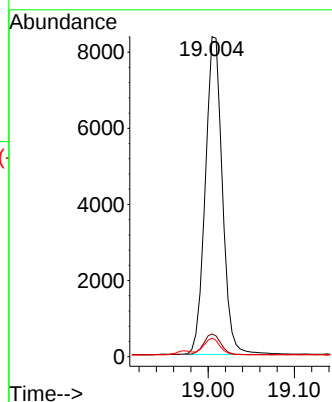
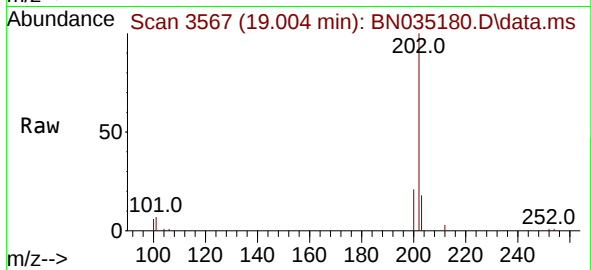
Tgt Ion:202 Resp: 11487

Ion Ratio Lower Upper

202 100

101 7.1 5.8 8.6

100 5.8 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: BN035180.D

Acq: 20 Nov 2024 02:04

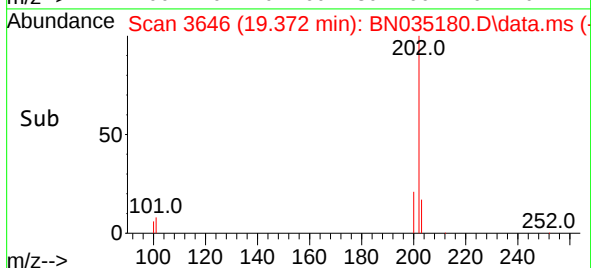
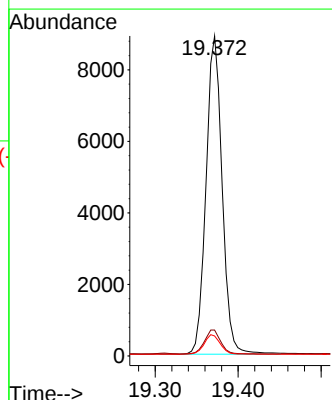
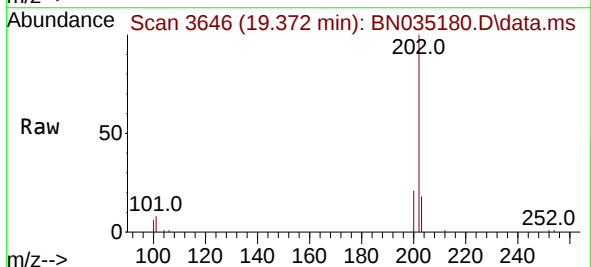
Tgt Ion:202 Resp: 12026

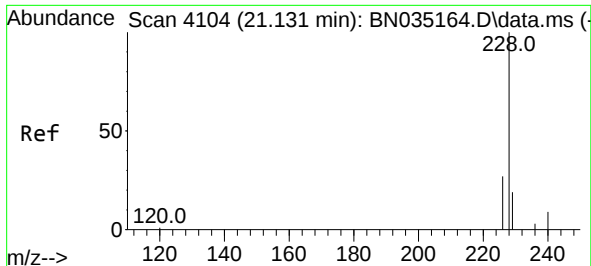
Ion Ratio Lower Upper

202 100

101 8.1 6.2 9.4

100 6.3 5.1 7.7

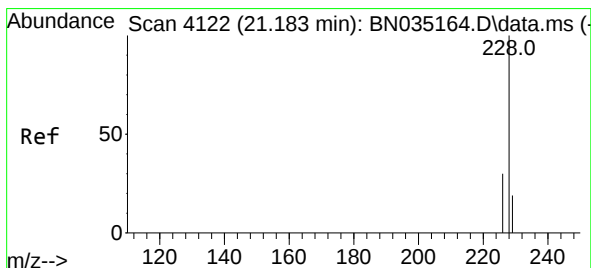
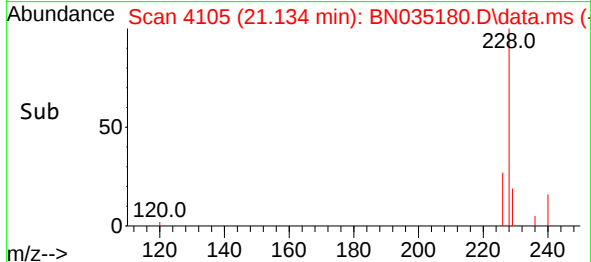
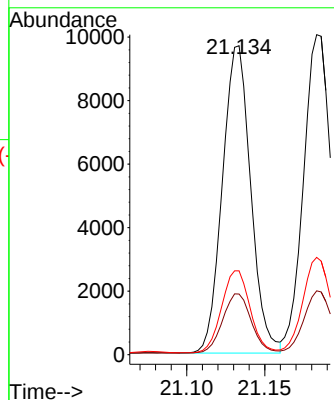
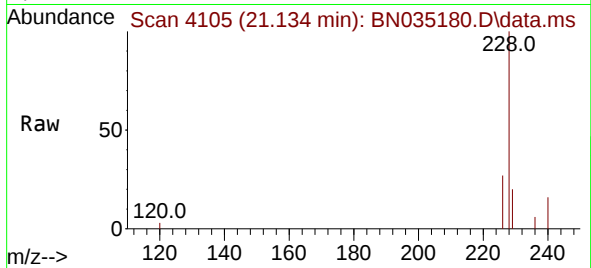




#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.134 min Scan# 4105
Delta R.T. -0.006 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

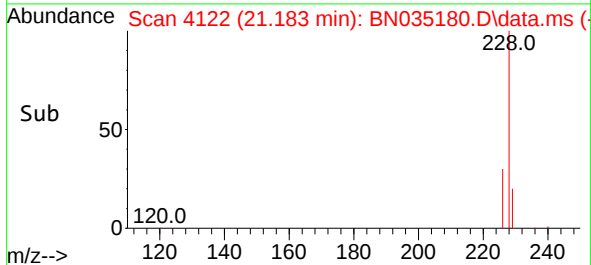
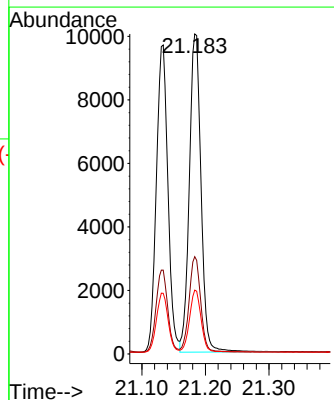
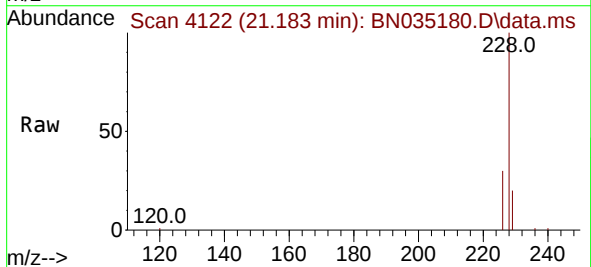
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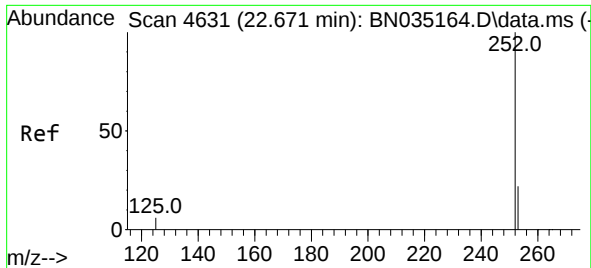
Tgt Ion:228 Resp: 12235
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.1 21.8 32.8



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:228 Resp: 12766
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 20.0 16.0 24.0

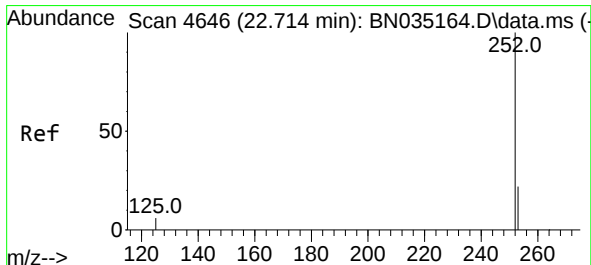
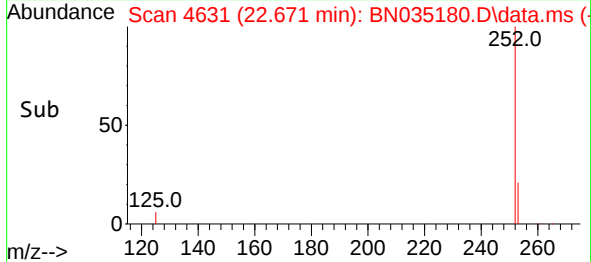
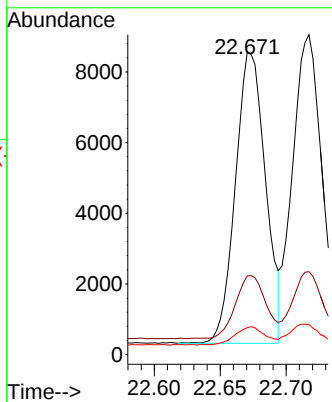
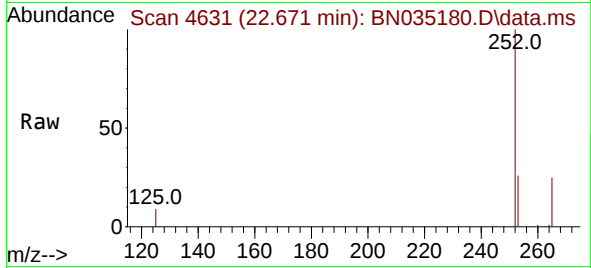




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 22.671 min Scan# 4631
Delta R.T. -0.012 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

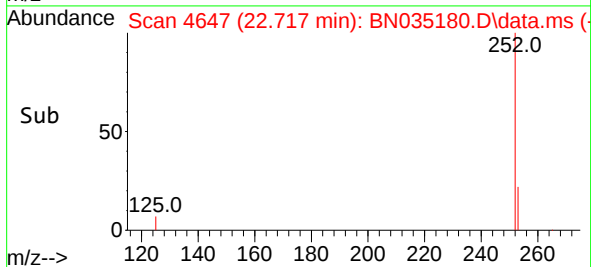
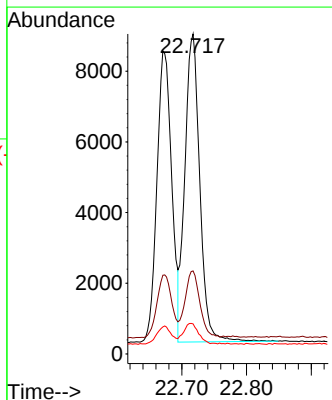
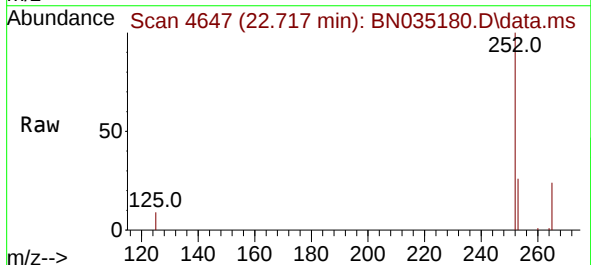
Instrument :
BNA_N
ClientSampleId :
SLCS062

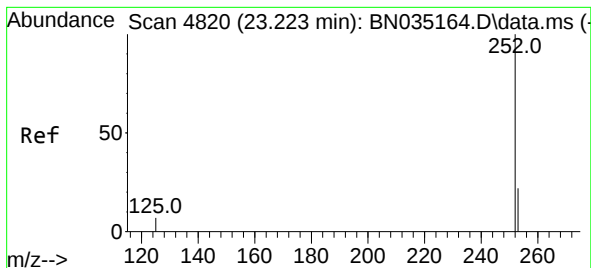
Tgt Ion:252 Resp: 13115
Ion Ratio Lower Upper
252 100
253 26.0 0.0 54.0
125 8.9 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:252 Resp: 13980
Ion Ratio Lower Upper
252 100
253 25.9 21.8 32.6
125 9.4 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.223 min Scan# 4820

Delta R.T. -0.009 min

Lab File: BN035180.D

Acq: 20 Nov 2024 02:04

Instrument :

BNA_N

ClientSampleId :

SLCS062

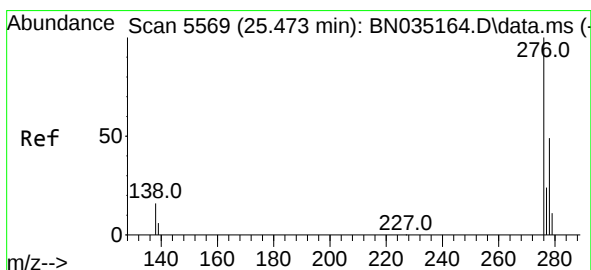
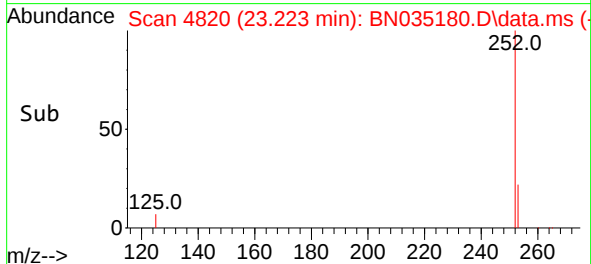
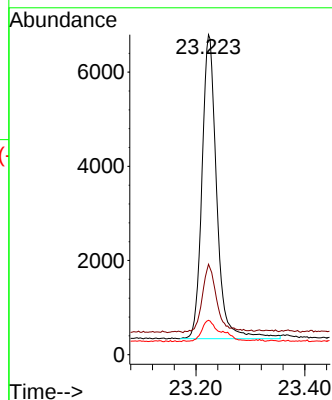
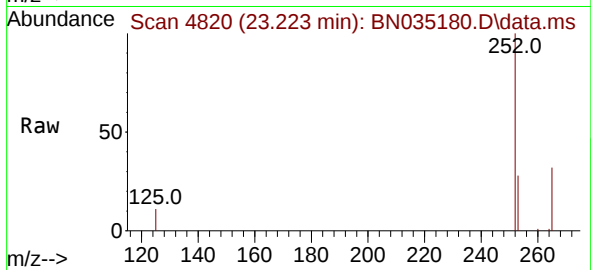
Tgt Ion:252 Resp: 12104

Ion Ratio Lower Upper

252 100

253 28.2 22.9 34.3

125 10.8 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng/ul

RT: 25.477 min Scan# 5570

Delta R.T. -0.010 min

Lab File: BN035180.D

Acq: 20 Nov 2024 02:04

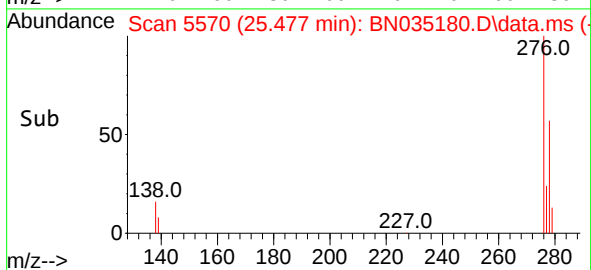
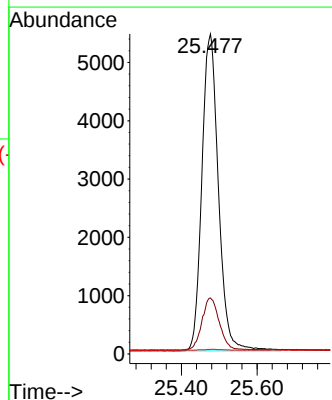
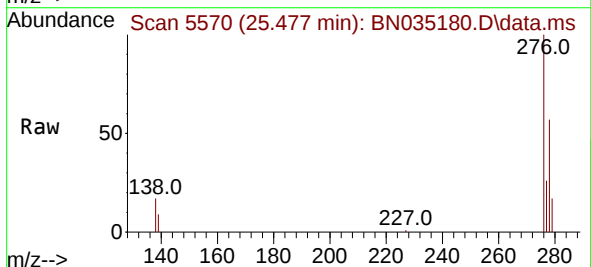
Tgt Ion:276 Resp: 16523

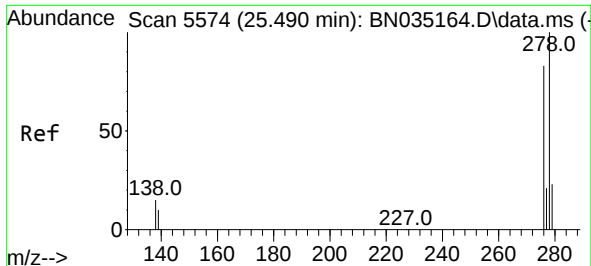
Ion Ratio Lower Upper

276 100

138 17.4 13.8 20.8

227 0.4 0.2 0.4

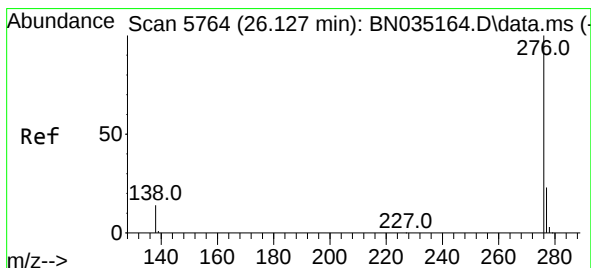
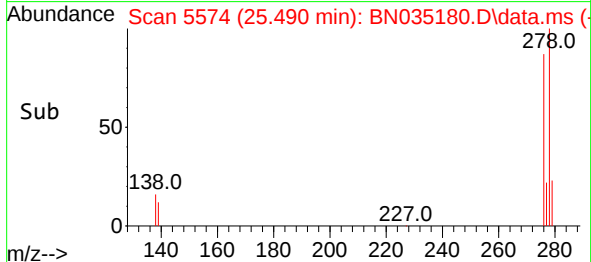
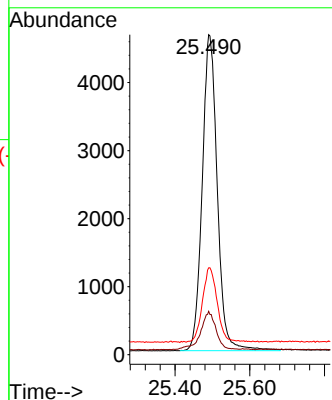
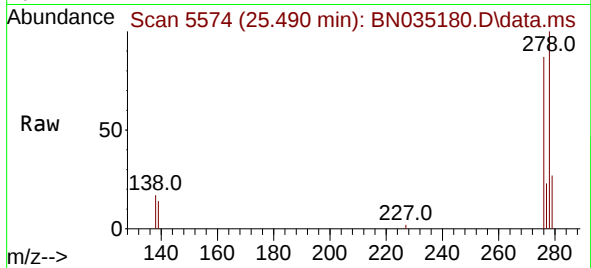




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 25.490 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Instrument :
BNA_N
ClientSampleId :
SLCS062

Tgt Ion:278 Resp: 13001
Ion Ratio Lower Upper
278 100
139 13.5 10.7 16.1
279 27.2 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035180.D
Acq: 20 Nov 2024 02:04

Tgt Ion:276 Resp: 13043
Ion Ratio Lower Upper
276 100
138 16.0 13.0 19.6
277 25.3 20.5 30.7

