

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035249.D
 Acq On : 22 Nov 2024 19:34
 Operator : RC/JU
 Sample : PB165200BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS200

Quant Time: Nov 22 22:32:11 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 : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

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

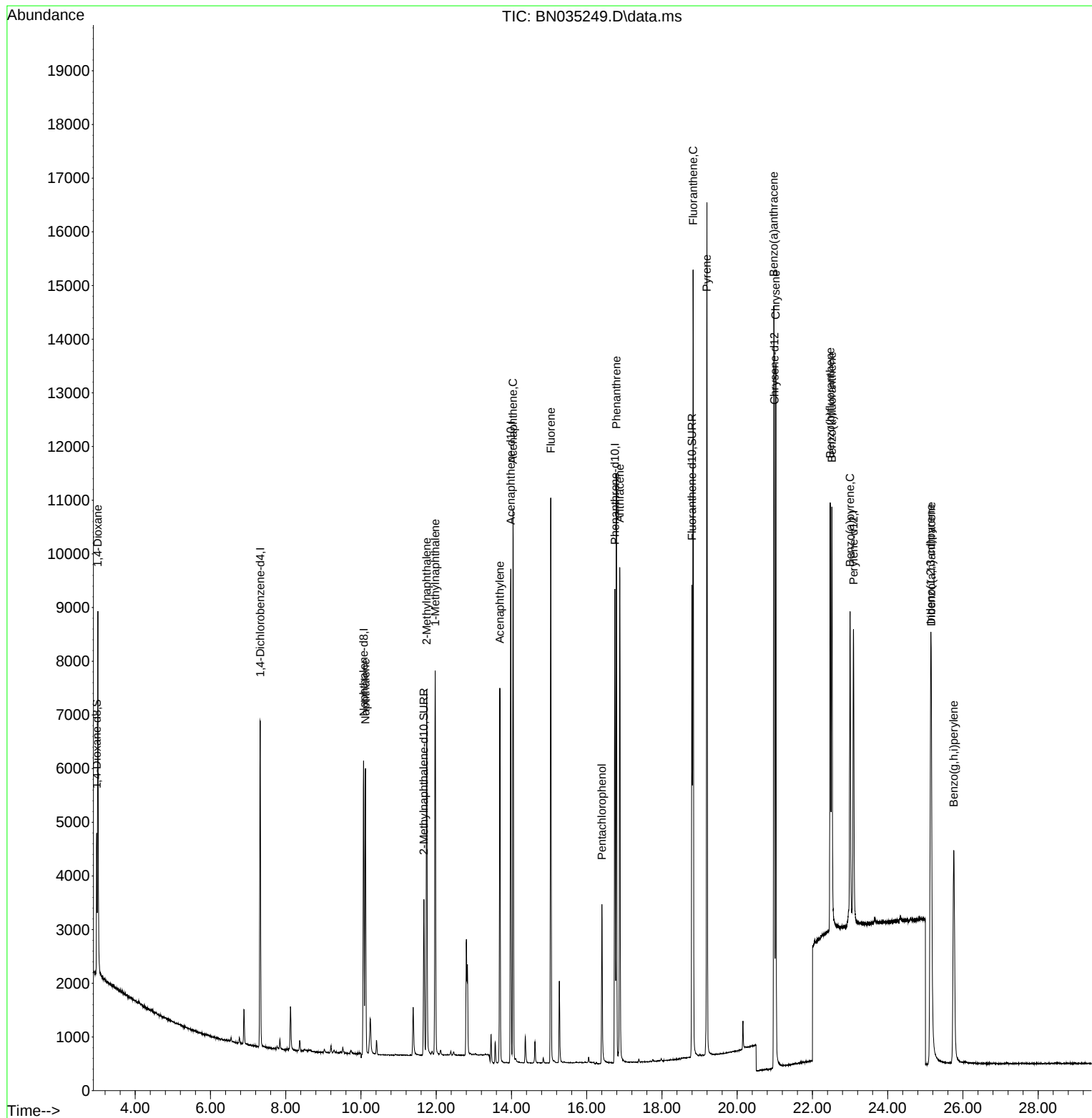
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.322	152	3041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.070	136	7749	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164	4800	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	10585	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	7608	0.400	ng/ul	# 0.00
23) Perylene-d12	23.092	264	6707	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	1745	0.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	4104	0.361	ng/ul	0.00
18) Fluoranthene-d10	18.796	212	10030	0.478	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.006	88	4845	1.606	ng/ul#	90
5) Naphthalene	10.119	128	7130	0.365	ng/ul	100
7) 2-Methylnaphthalene	11.747	142	4869	0.360	ng/ul	99
8) 1-Methylnaphthalene	11.972	142	4930	0.361	ng/ul	98
10) Acenaphthylene	13.690	152	7708	0.405	ng/ul	99
11) Acenaphthene	14.041	153	5721	0.393	ng/ul	97
12) Fluorene	15.045	166	6521	0.381	ng/ul	99
14) Pentachlorophenol	16.405	266	2049	0.831	ng/ul	98
15) Phenanthrene	16.789	178	10867	0.388	ng/ul	100
16) Anthracene	16.878	178	9817	0.378	ng/ul	99
19) Fluoranthene	18.828	202	12651	0.478	ng/ul#	92
20) Pyrene	19.195	202	12901	0.468	ng/ul#	90
21) Benzo(a)anthracene	20.973	228	10486	0.397	ng/ul	99
22) Chrysene	21.026	228	11180	0.421	ng/ul	100
24) Benzo(b)fluoranthene	22.472	252	9560	0.431	ng/ul	95
25) Benzo(k)fluoranthene	22.516	252	10082	0.441	ng/ul#	95
26) Benzo(a)pyrene	23.001	252	8383	0.414	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.141	276	10775	0.394	ng/ul#	75
28) Dibenzo(a,h)anthracene	25.158	278	8000	0.373	ng/ul#	94
29) Benzo(g,h,i)perylene	25.758	276	8379	0.388	ng/ul#	92

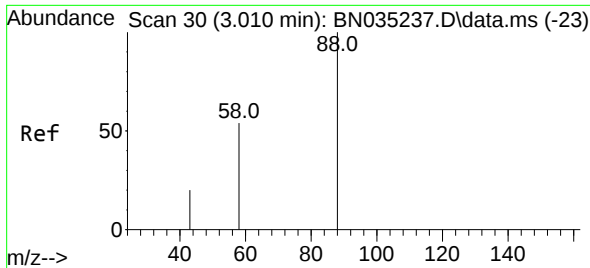
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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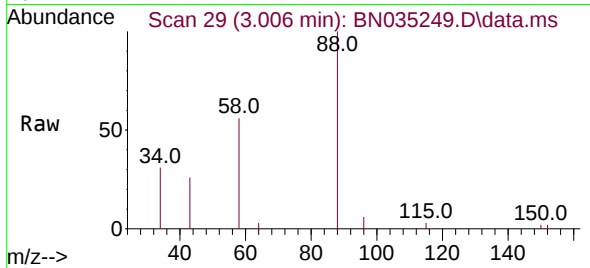
Quant Time: Nov 22 22:32:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



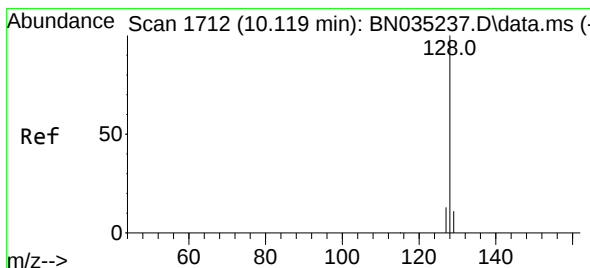
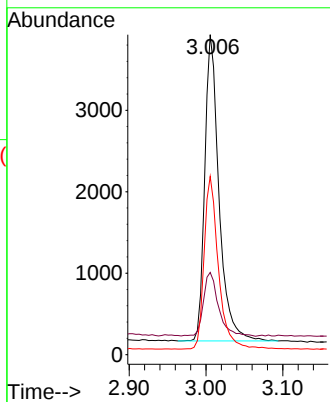
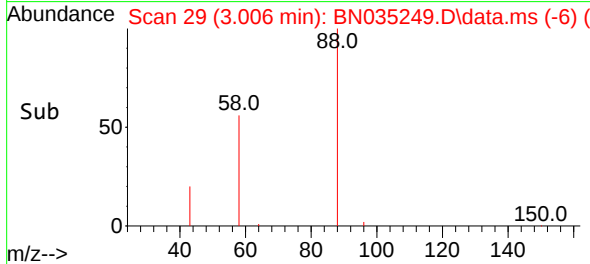


#2
1,4-Dioxane
Concen: 1.606 ng/ul
RT: 3.006 min Scan# 29
Delta R.T. -0.004 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Instrument :
BNA_N
ClientSampleId :
SLCS200

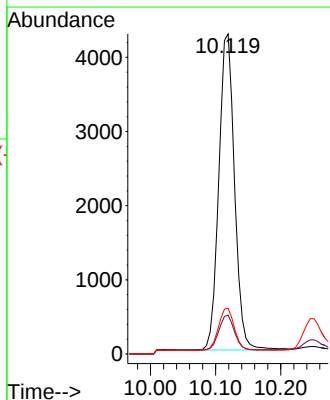
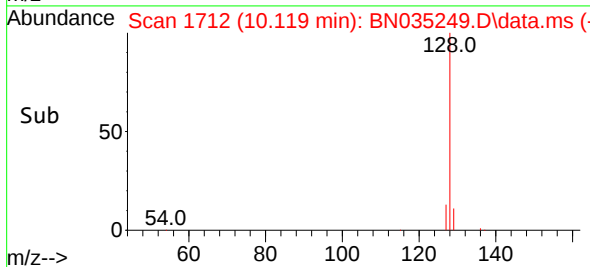
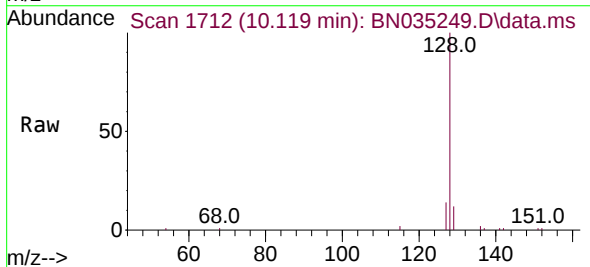


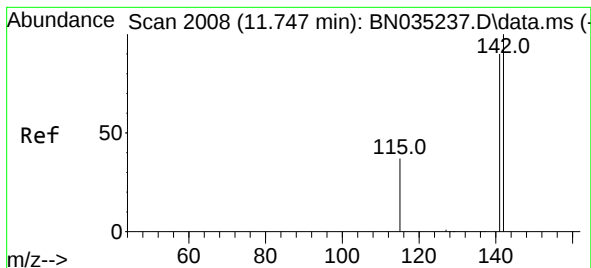
Tgt Ion: 88 Resp: 4845
Ion Ratio Lower Upper
88 100
43 25.7 20.6 31.0
58 55.7 36.2 54.4#



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.119 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion: 128 Resp: 7130
Ion Ratio Lower Upper
128 100
129 12.2 9.9 14.9
127 14.3 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.360 ng/ul

RT: 11.747 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BN035249.D

Acq: 22 Nov 2024 19:34

Instrument :

BNA_N

ClientSampleId :

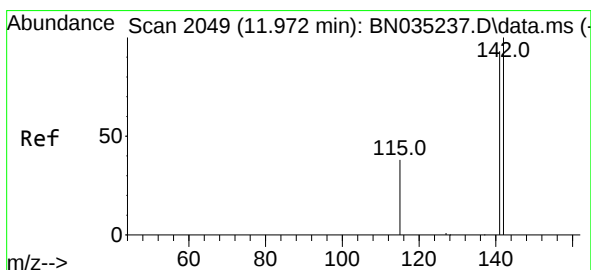
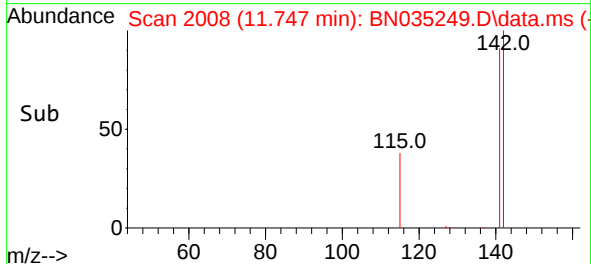
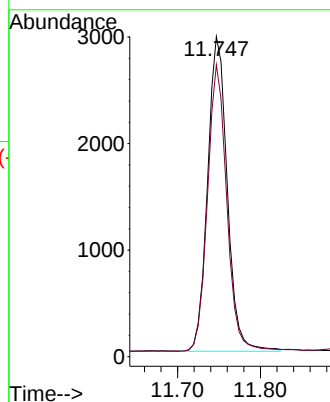
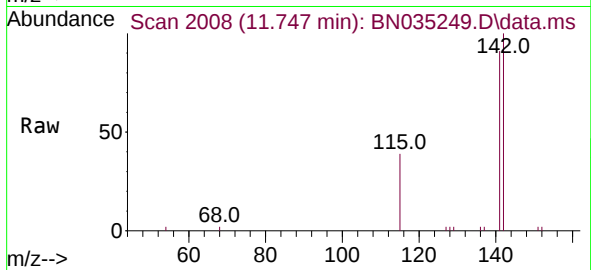
SLCS200

Tgt Ion:142 Resp: 4869

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6



#8

1-Methylnaphthalene

Concen: 0.361 ng/ul

RT: 11.972 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BN035249.D

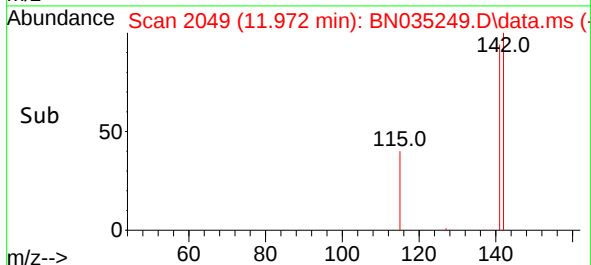
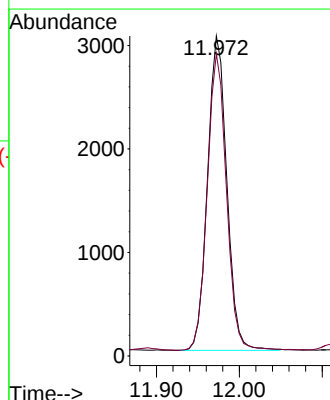
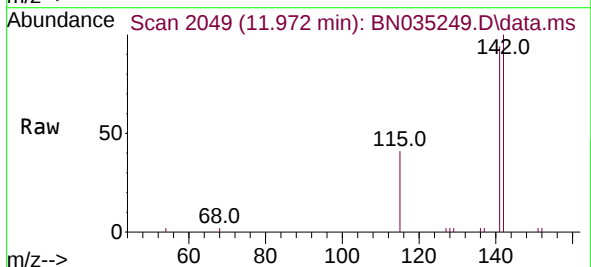
Acq: 22 Nov 2024 19:34

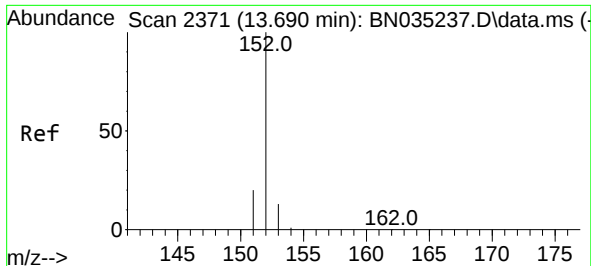
Tgt Ion:142 Resp: 4930

Ion Ratio Lower Upper

142 100

141 93.8 73.1 109.7

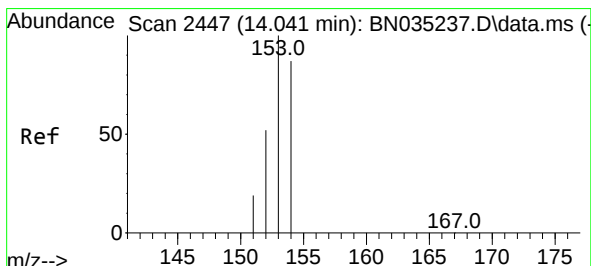
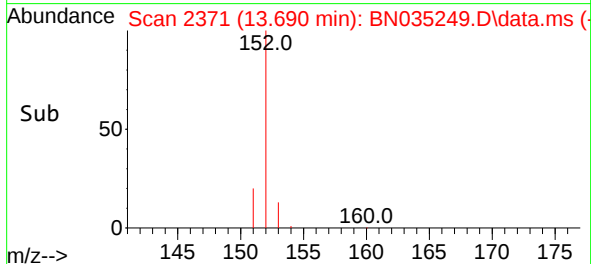
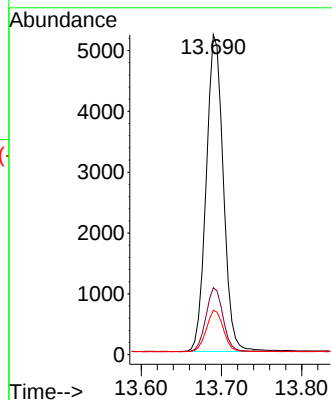
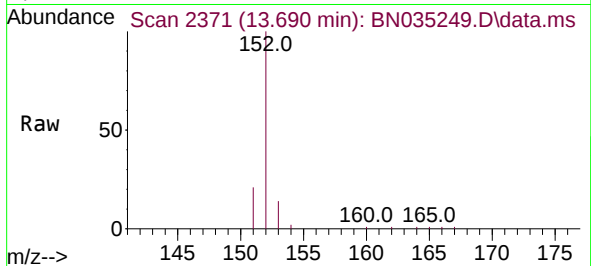




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 13.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

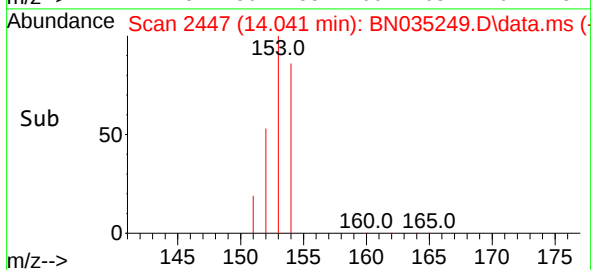
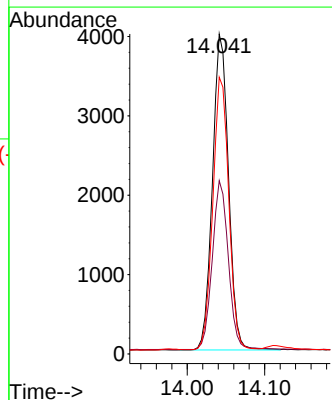
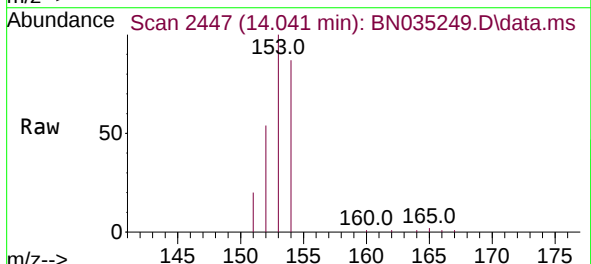
Instrument :
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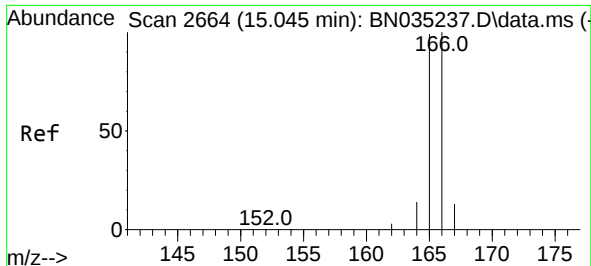
Tgt Ion:152 Resp: 7708
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.041 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion:153 Resp: 5721
Ion Ratio Lower Upper
153 100
152 54.1 41.4 62.0
154 86.5 71.2 106.8

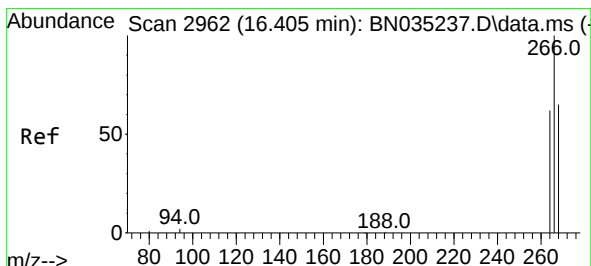
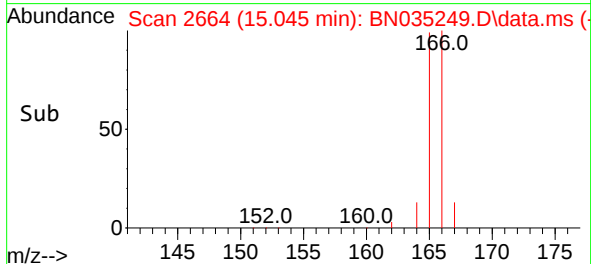
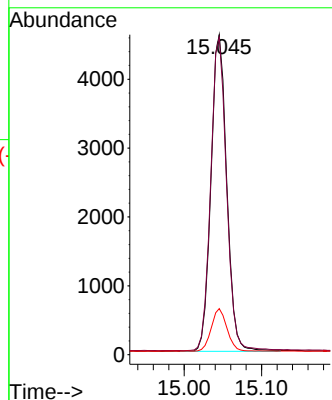
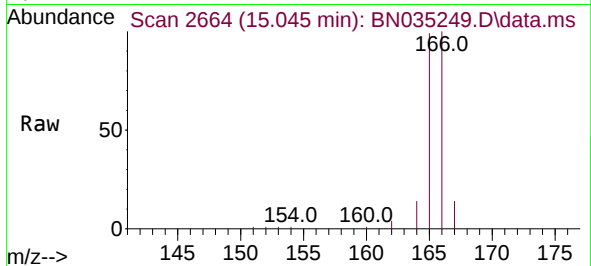




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.045 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

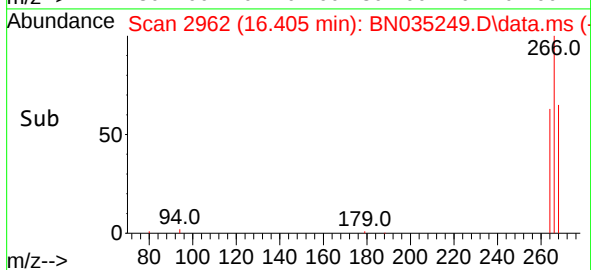
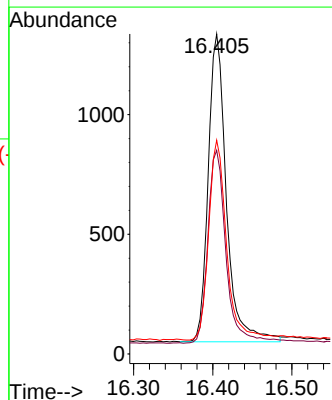
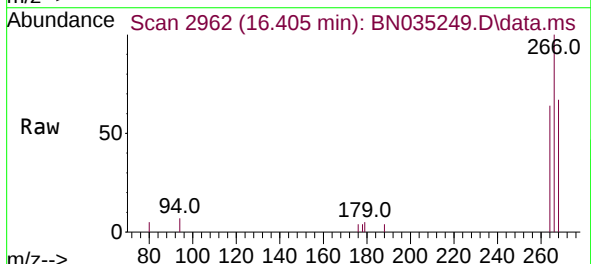
Instrument :
BNA_N
ClientSampleId :
SLCS200

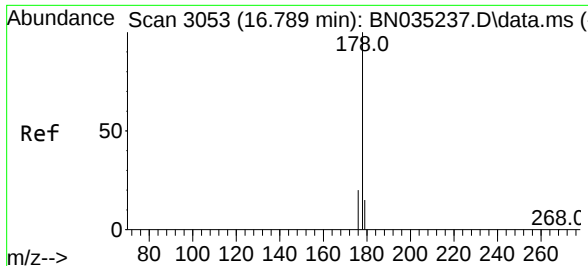
Tgt Ion:166 Resp: 6521
Ion Ratio Lower Upper
166 100
165 99.2 78.6 118.0
167 14.4 11.8 17.6



#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 16.405 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion:266 Resp: 2049
Ion Ratio Lower Upper
266 100
264 62.7 51.8 77.6
268 64.6 51.3 76.9

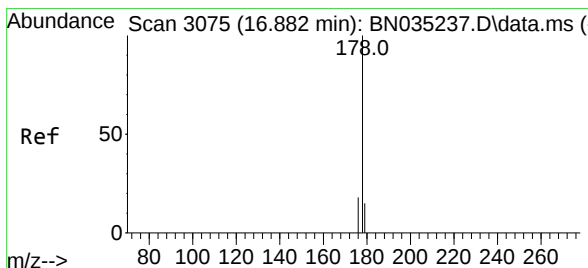
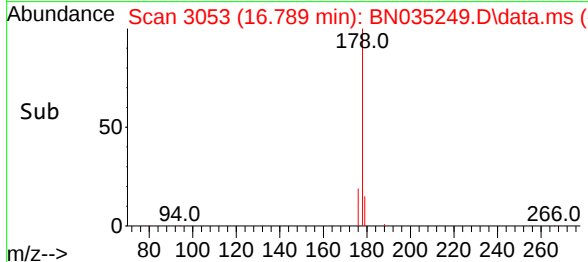
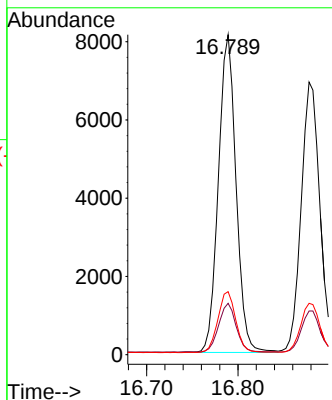
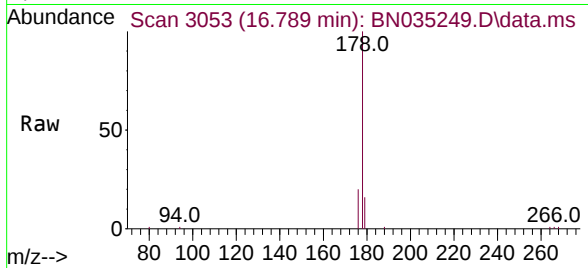




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 16.789 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

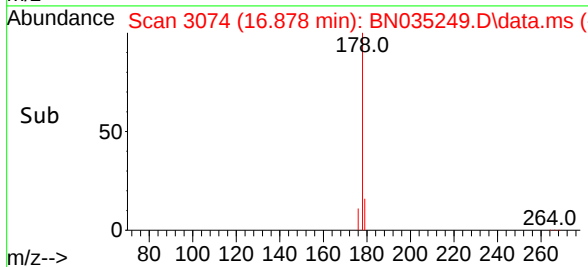
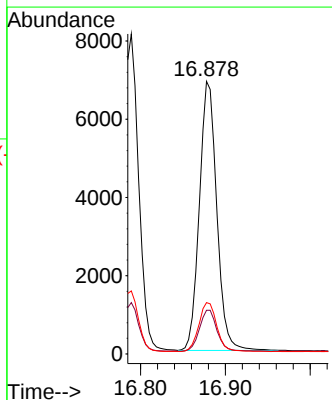
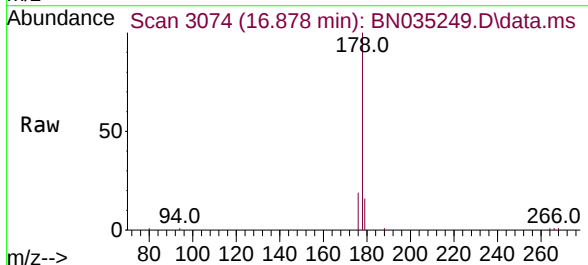
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ClientSampleId :
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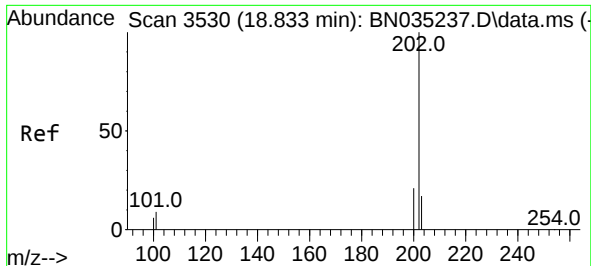
Tgt Ion:178	Resp:	10867
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.9 19.3
176	19.7	15.6 23.4



#16
Anthracene
Concen: 0.378 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion:178	Resp:	9817
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.9 19.3
176	18.8	15.4 23.2

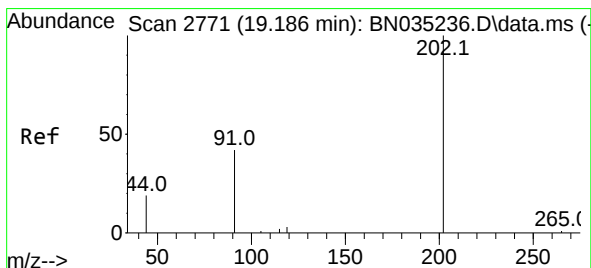
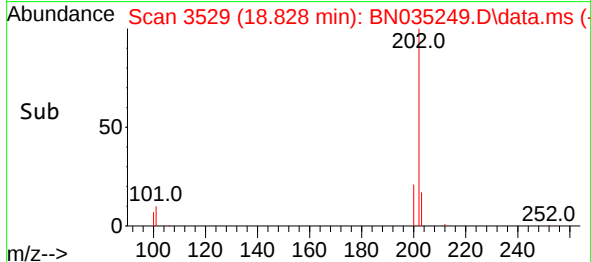
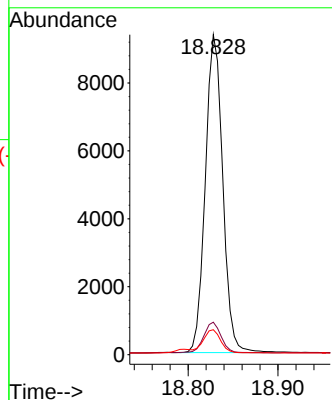
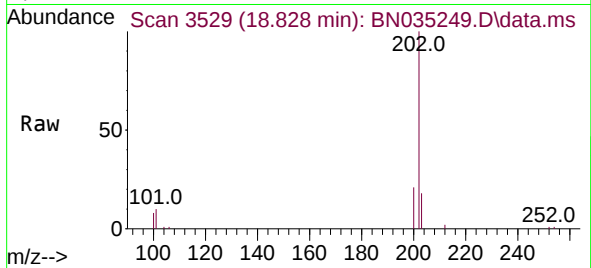




#19
Fluoranthene
Concen: 0.478 ng/ul
RT: 18.828 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

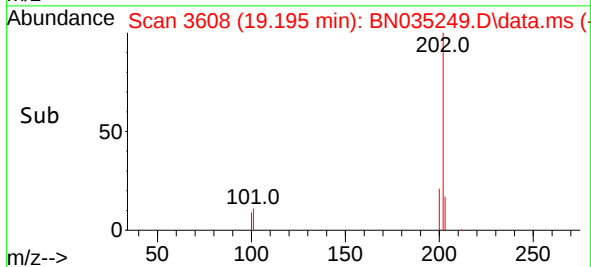
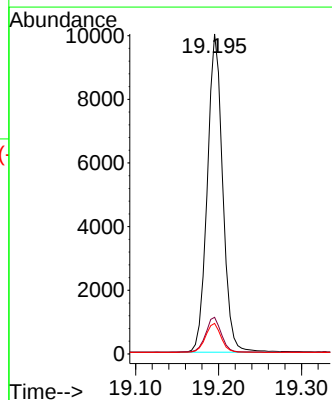
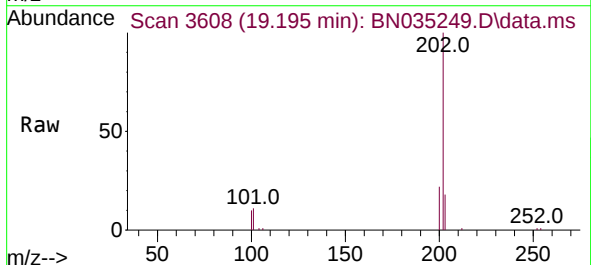
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ClientSampleId :
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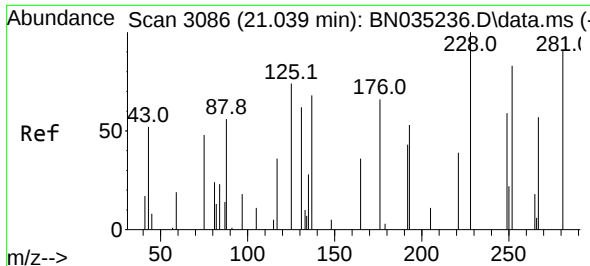
Tgt Ion:202 Resp: 12651
Ion Ratio Lower Upper
202 100
101 10.1 5.8 8.6#
100 7.8 4.5 6.7#



#20
Pyrene
Concen: 0.468 ng/ul
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion:202 Resp: 12901
Ion Ratio Lower Upper
202 100
101 11.4 6.2 9.4#
100 9.6 5.1 7.7#

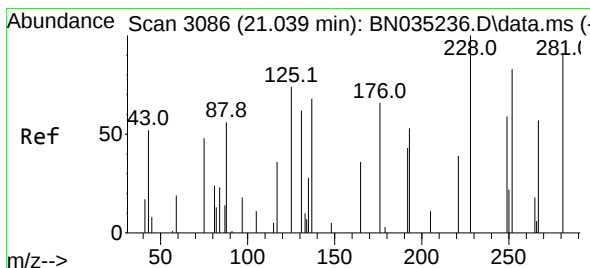
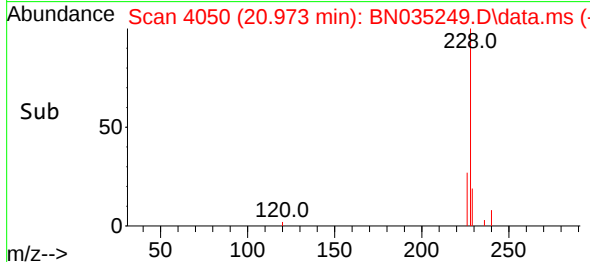
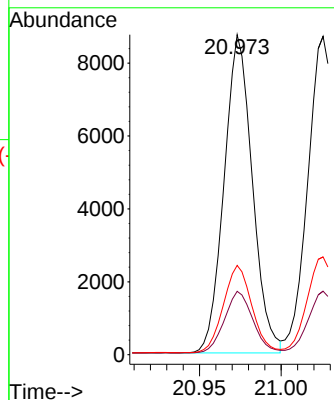
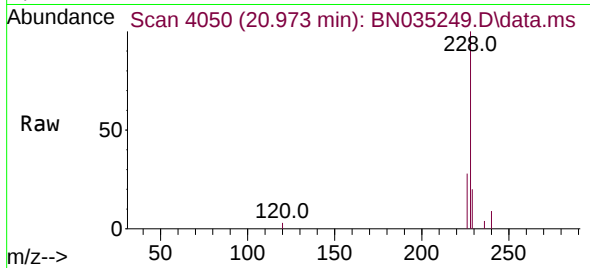




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

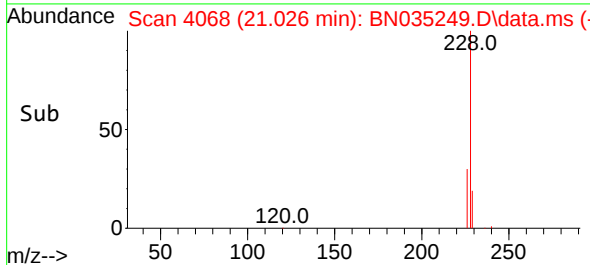
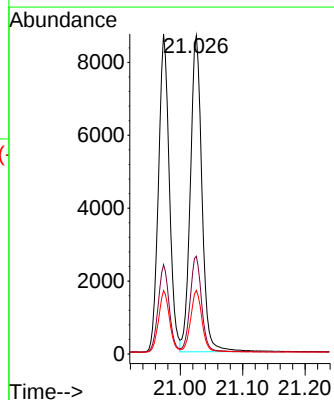
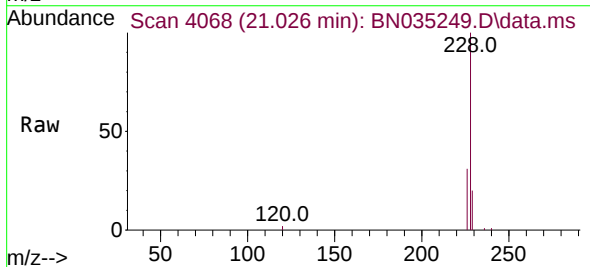
Instrument :
BNA_N
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SLCS200

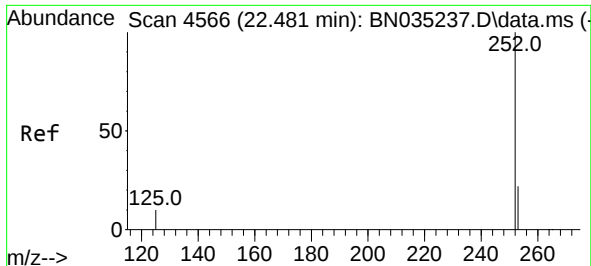
Tgt Ion:228 Resp: 10486
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.9 21.8 32.8



#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.026 min Scan# 4068
Delta R.T. -0.003 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

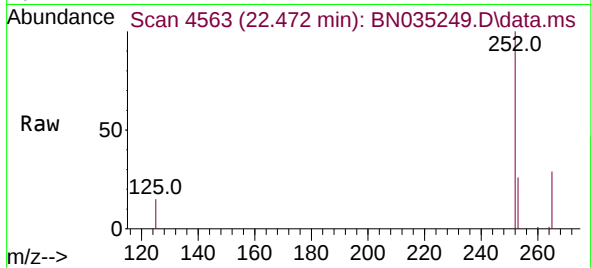
Tgt Ion:228 Resp: 11180
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 19.9 16.0 24.0



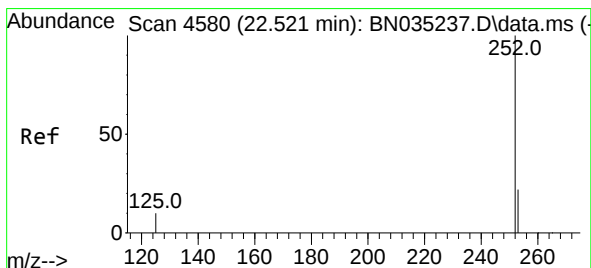
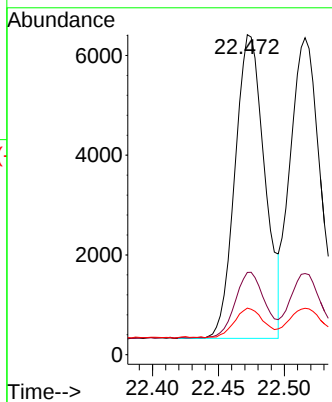


#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Instrument :
BNA_N
ClientSampleId :
SLCS200

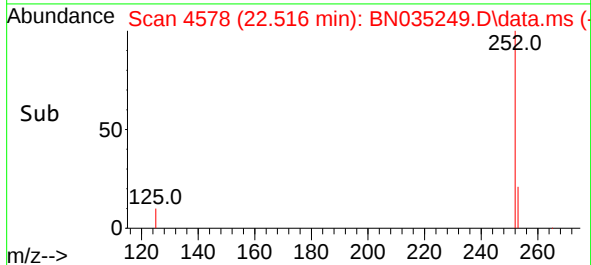
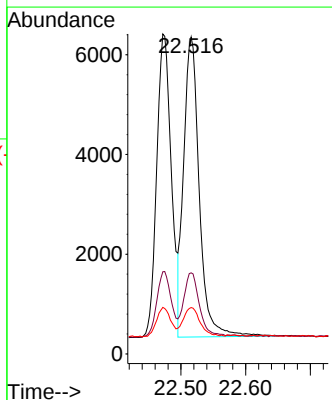
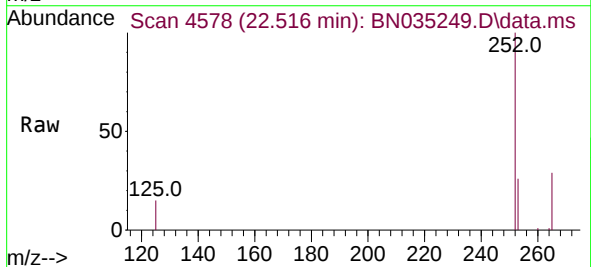


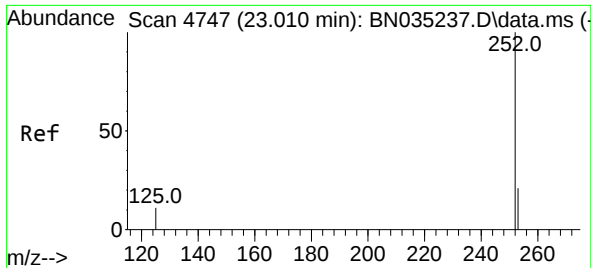
Tgt Ion:252 Resp: 9560
Ion Ratio Lower Upper
252 100
253 25.7 0.0 54.0
125 14.6 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 22.516 min Scan# 4578
Delta R.T. -0.006 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

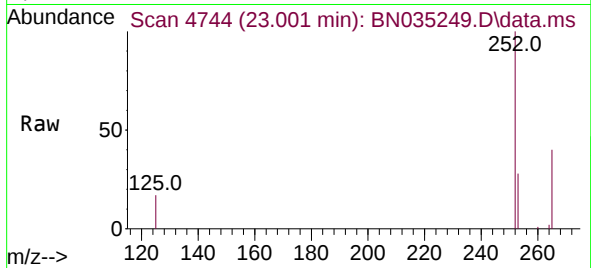
Tgt Ion:252 Resp: 10082
Ion Ratio Lower Upper
252 100
253 25.6 21.8 32.6
125 14.6 8.6 12.8#



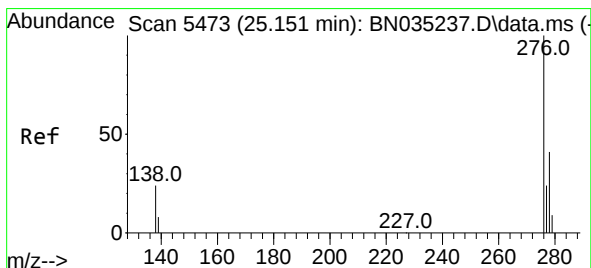
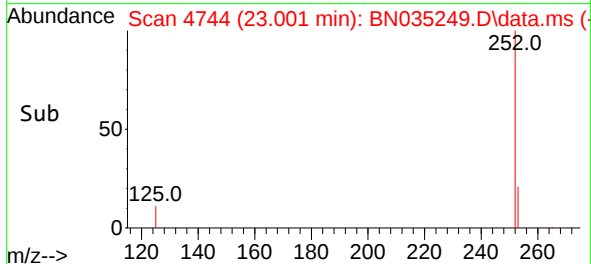
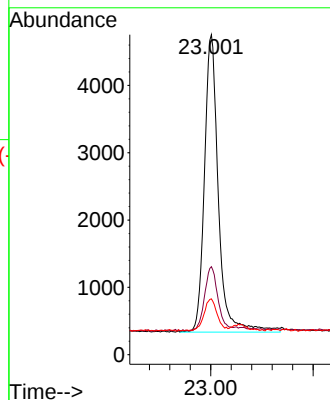


#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.001 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Instrument :
BNA_N
ClientSampleId :
SLCS200

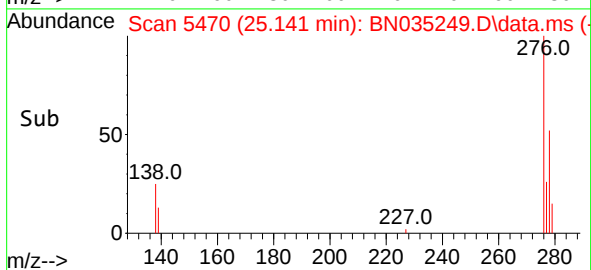
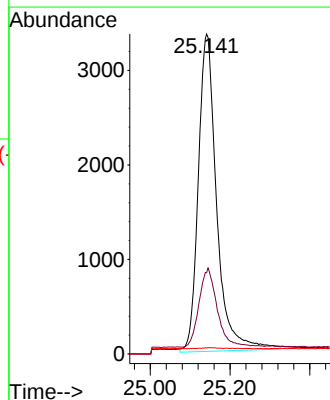
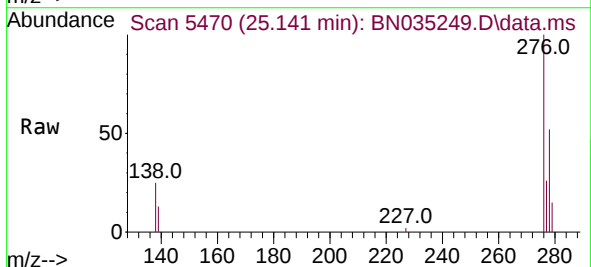


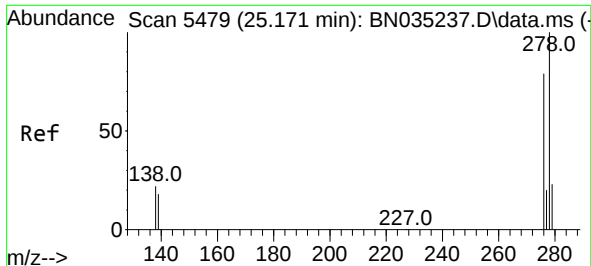
Tgt Ion:252 Resp: 8383
Ion Ratio Lower Upper
252 100
253 27.5 22.9 34.3
125 17.4 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 25.141 min Scan# 5470
Delta R.T. -0.010 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion:276 Resp: 10775
Ion Ratio Lower Upper
276 100
138 28.2 13.8 20.8#
227 0.0 0.2 0.4#

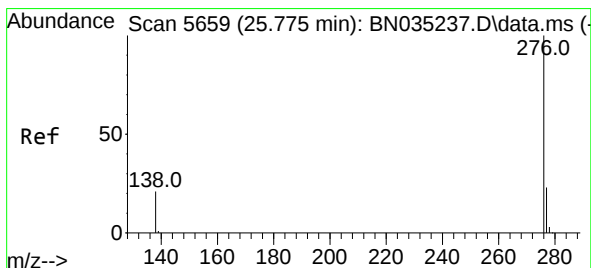
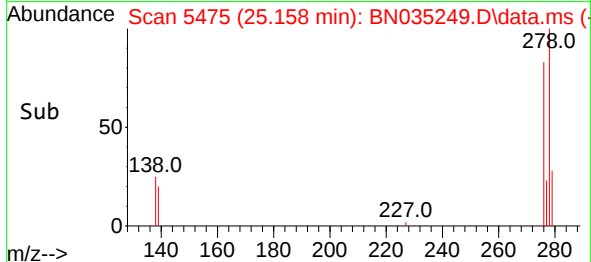
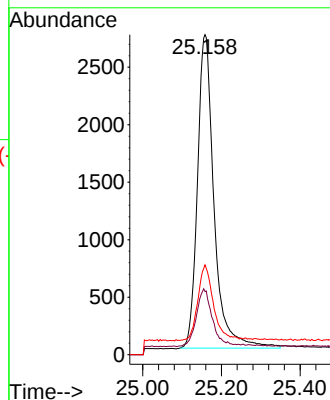
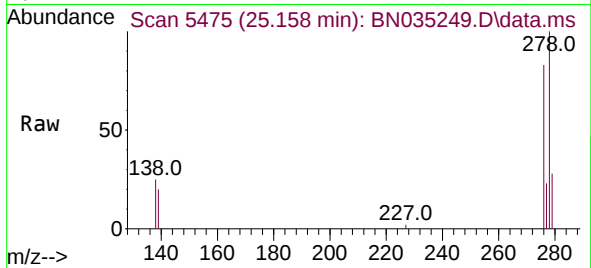




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 25.158 min Scan# 5475
Delta R.T. -0.013 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Instrument :
BNA_N
ClientSampleId :
SLCS200

Tgt Ion:278 Resp: 8000
Ion Ratio Lower Upper
278 100
139 19.8 10.7 16.1#
279 28.1 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 25.758 min Scan# 5654
Delta R.T. -0.017 min
Lab File: BN035249.D
Acq: 22 Nov 2024 19:34

Tgt Ion:276 Resp: 8379
Ion Ratio Lower Upper
276 100
138 24.1 13.0 19.6#
277 24.9 20.5 30.7

