

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035204.D
 Acq On : 20 Nov 2024 18:07
 Operator : RC/JU
 Sample : PB165087BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS087

Quant Time: Nov 20 23:25:51 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)

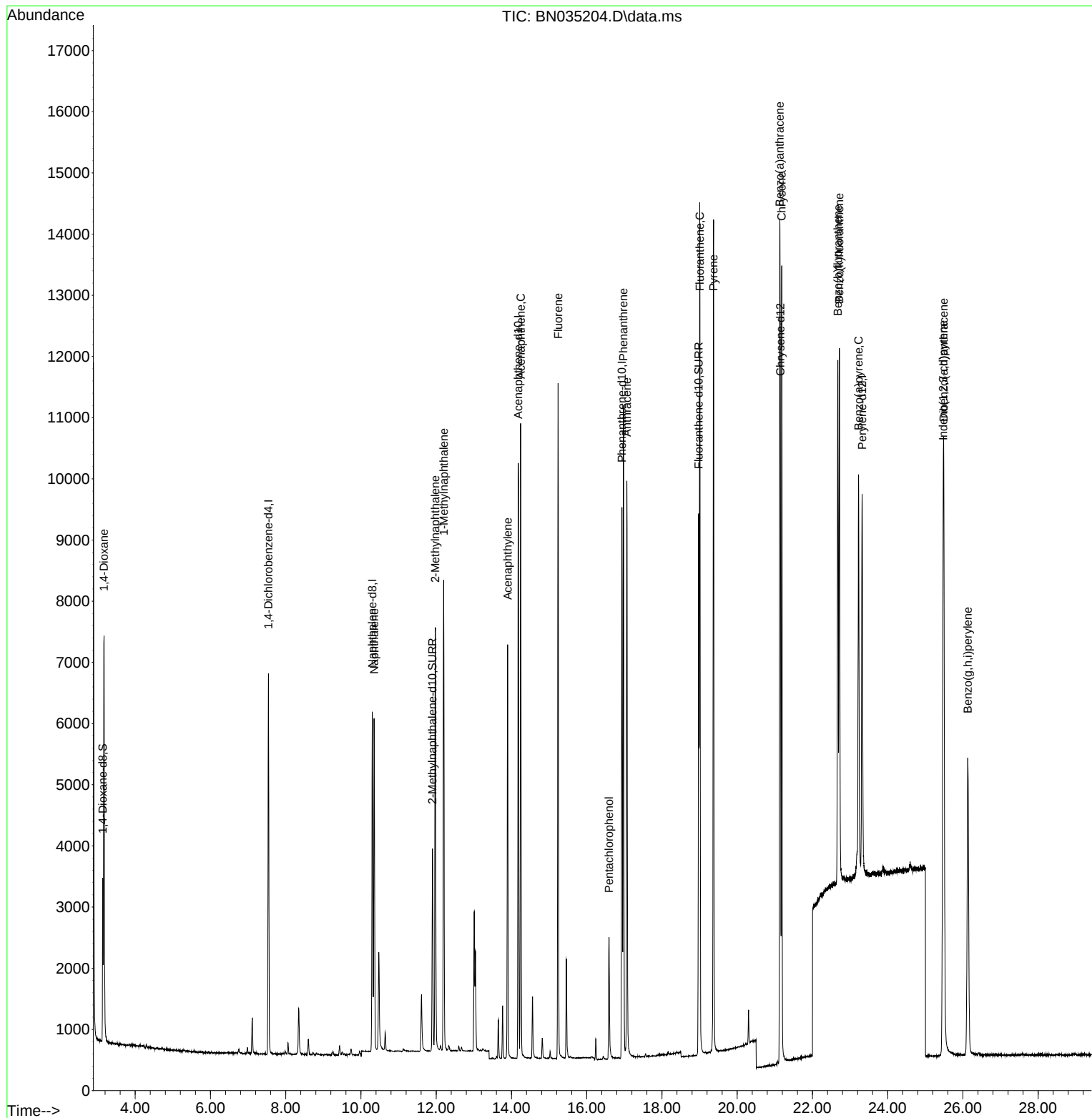
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3122	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	7619	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.180	164	5223	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	11205	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	7852	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	7902	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	1887	0.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	4509	0.404	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	10238	0.473	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	5392	1.741	ng/ul#	94
5) Naphthalene	10.350	128	7090	0.369	ng/ul	99
7) 2-Methylnaphthalene	11.978	142	5044	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.198	142	5110	0.380	ng/ul	100
10) Acenaphthylene	13.898	152	7559	0.365	ng/ul	100
11) Acenaphthene	14.245	153	5907	0.373	ng/ul	99
12) Fluorene	15.240	166	6908	0.371	ng/ul	99
14) Pentachlorophenol	16.591	266	1500	0.575	ng/ul	98
15) Phenanthrene	16.975	178	11028	0.372	ng/ul	99
16) Anthracene	17.068	178	10002	0.364	ng/ul	100
19) Fluoranthene	19.005	202	12215	0.447	ng/ul	100
20) Pyrene	19.372	202	12311	0.433	ng/ul	100
21) Benzo(a)anthracene	21.131	228	10522	0.386	ng/ul	99
22) Chrysene	21.183	228	11079	0.404	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	10495	0.402	ng/ul	99
25) Benzo(k)fluoranthene	22.714	252	11026	0.409	ng/ul	100
26) Benzo(a)pyrene	23.226	252	9326	0.391	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.477	276	12688	0.394	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.490	278	9978	0.395	ng/ul	99
29) Benzo(g,h,i)perylene	26.131	276	10017	0.394	ng/ul	99

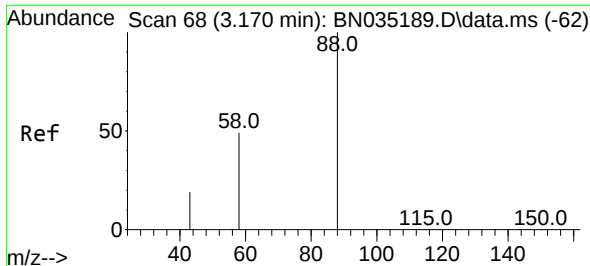
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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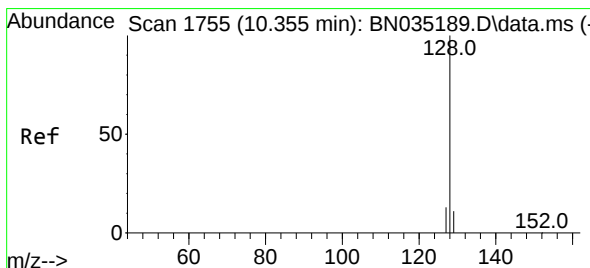
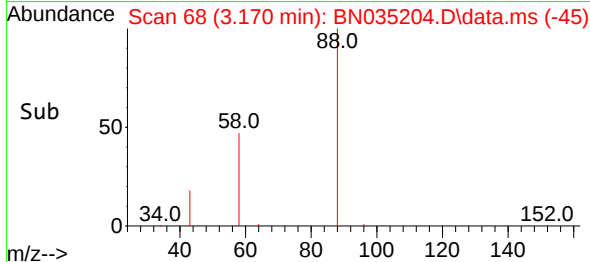
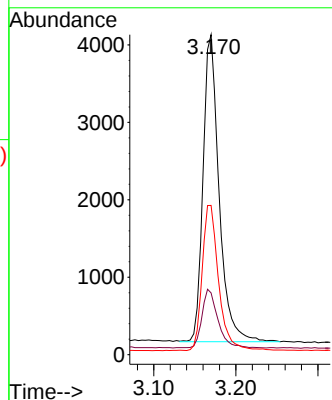
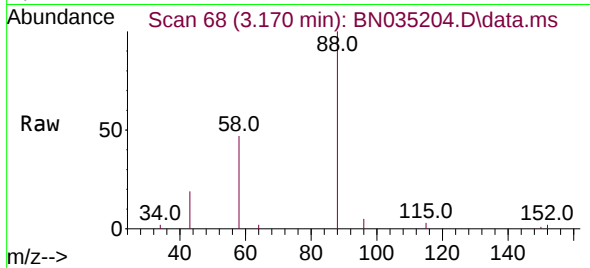




#2
 1,4-Dioxane
 Concen: 1.741 ng/ul
 RT: 3.170 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN035204.D
 Acq: 20 Nov 2024 18:07

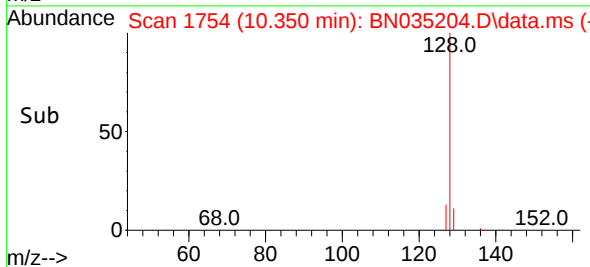
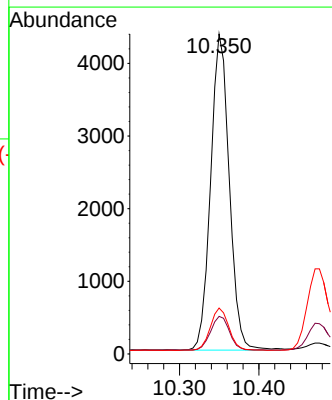
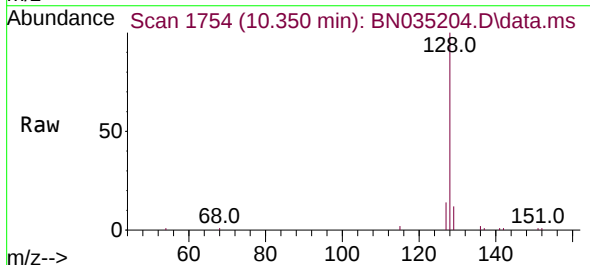
Instrument :
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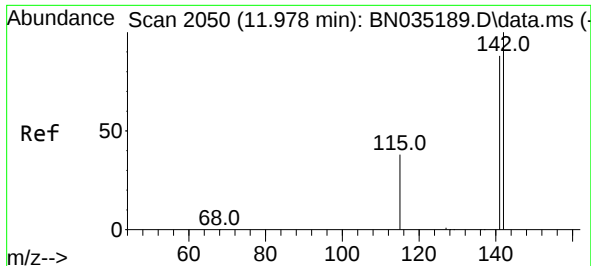
Tgt Ion: 88 Resp: 5392
 Ion Ratio Lower Upper
 88 100
 43 19.3 20.6 31.0#
 58 46.6 36.2 54.4



#5
 Naphthalene
 Concen: 0.369 ng/ul
 RT: 10.350 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BN035204.D
 Acq: 20 Nov 2024 18:07

Tgt Ion: 128 Resp: 7090
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.9 14.9
 127 14.4 11.4 17.2

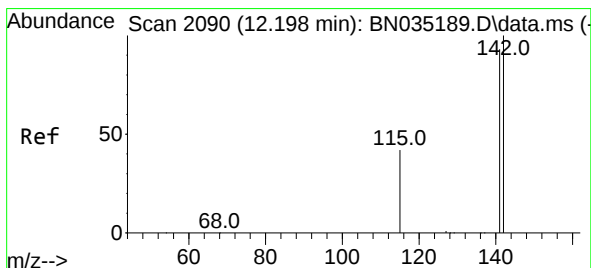
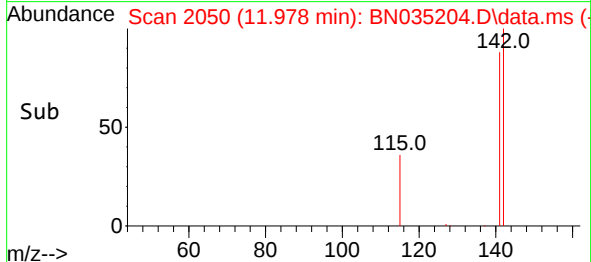
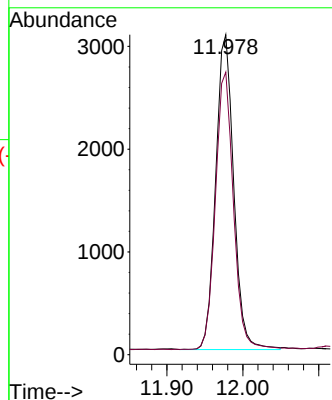
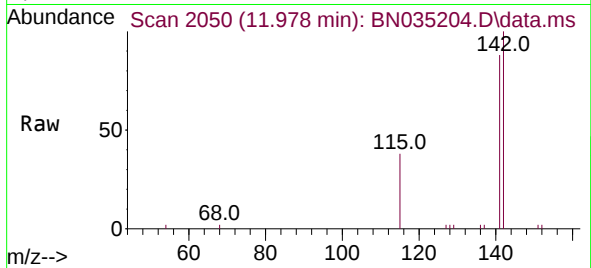




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

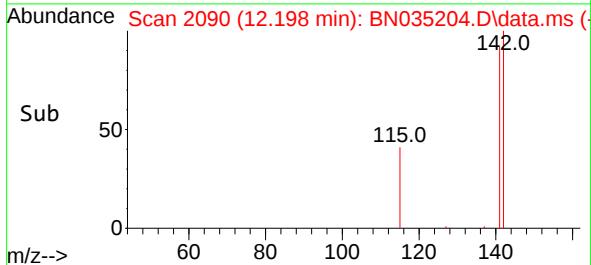
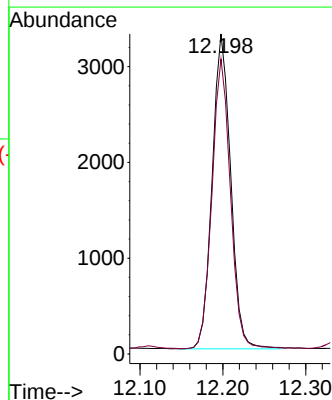
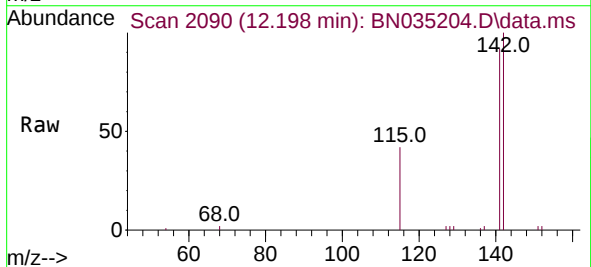
Instrument :
BNA_N
ClientSampleId :
SLCS087

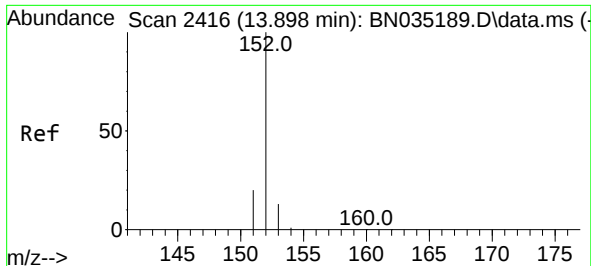
Tgt Ion:142 Resp: 5044
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

Tgt Ion:142 Resp: 5110
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

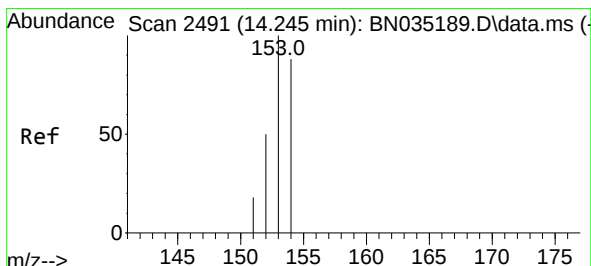
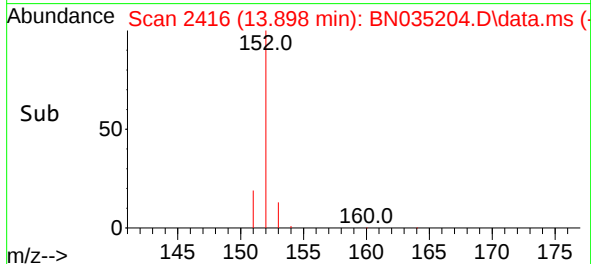
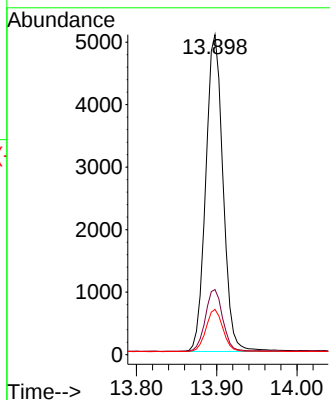
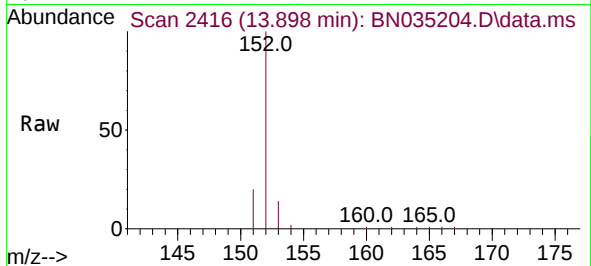




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

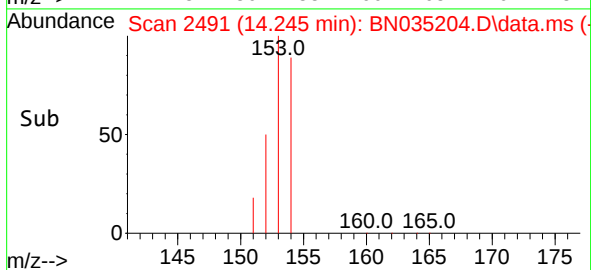
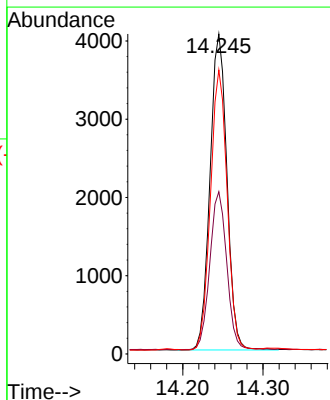
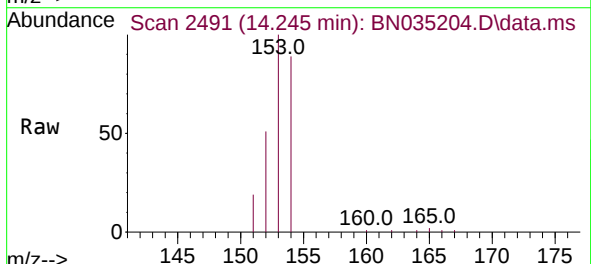
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BNA_N
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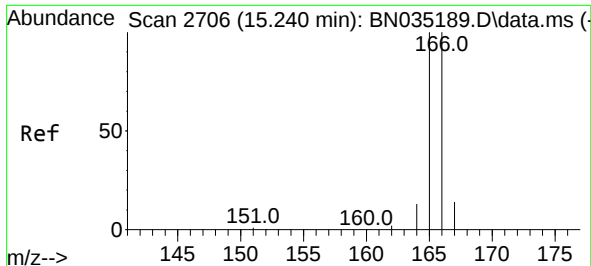
Tgt Ion:152 Resp: 7559
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

Tgt Ion:153 Resp: 5907
Ion Ratio Lower Upper
153 100
152 50.7 41.4 62.0
154 88.7 71.2 106.8

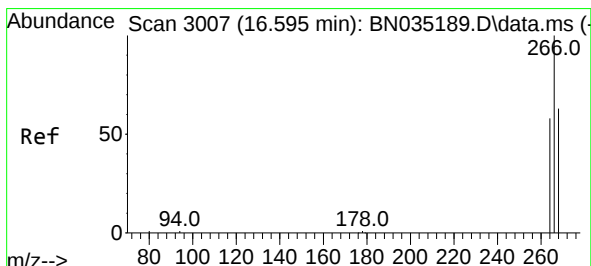
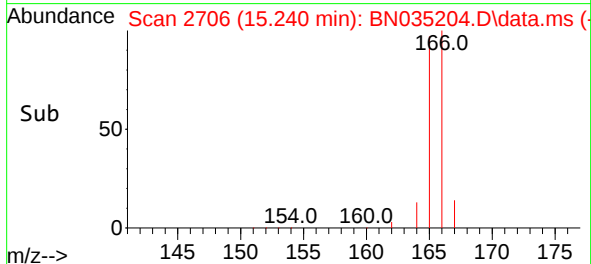
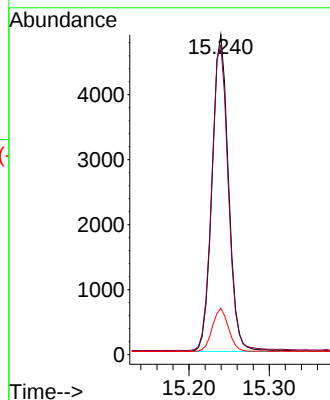
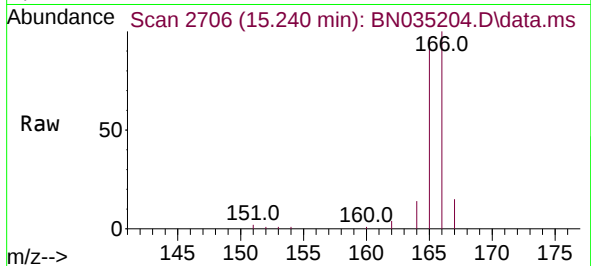




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.240 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

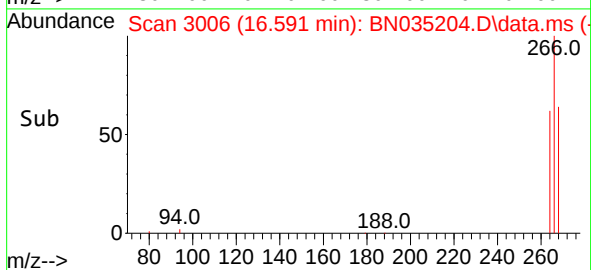
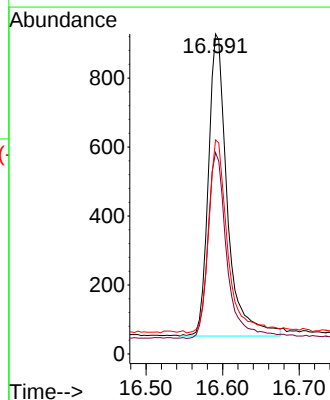
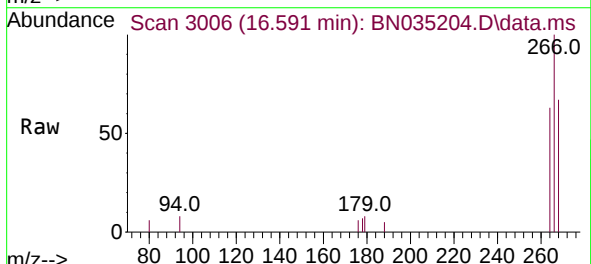
Instrument :
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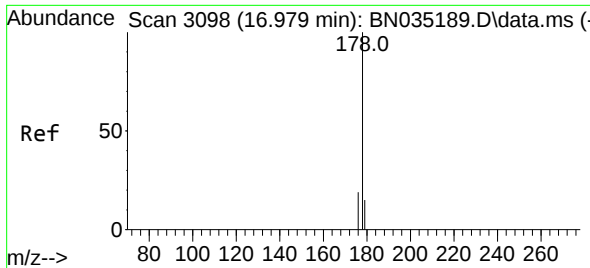
Tgt Ion:166 Resp: 6908
Ion Ratio Lower Upper
166 100
165 96.8 78.6 118.0
167 14.5 11.8 17.6



#14
Pentachlorophenol
Concen: 0.575 ng/ul
RT: 16.591 min Scan# 3006
Delta R.T. -0.009 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

Tgt Ion:266 Resp: 1500
Ion Ratio Lower Upper
266 100
264 61.8 51.8 77.6
268 64.3 51.3 76.9

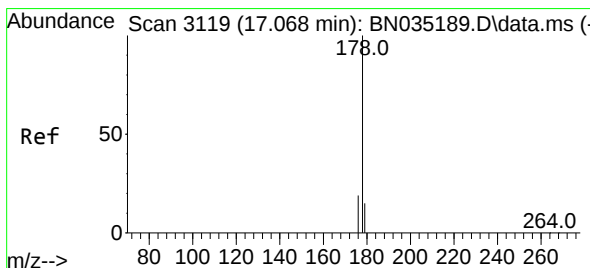
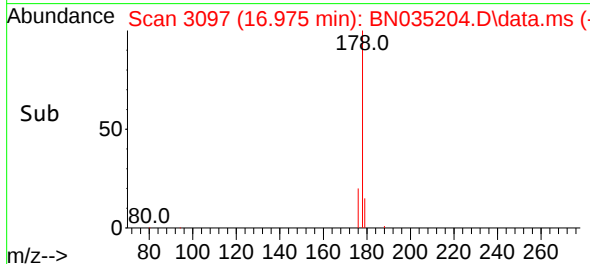
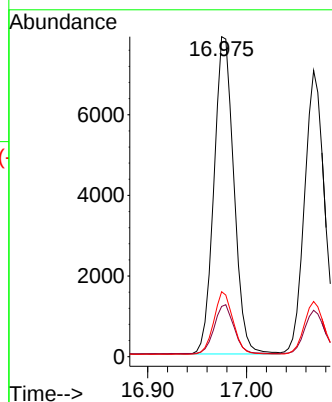
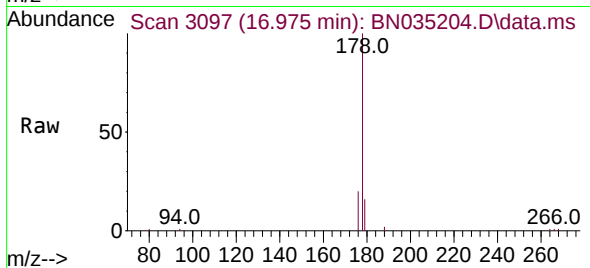




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.009 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

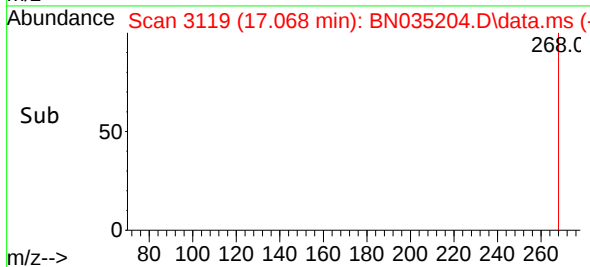
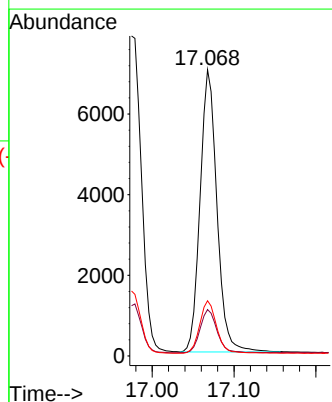
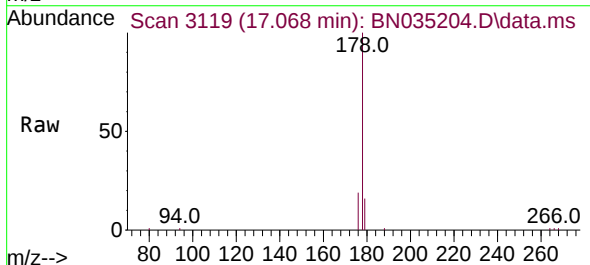
Instrument :
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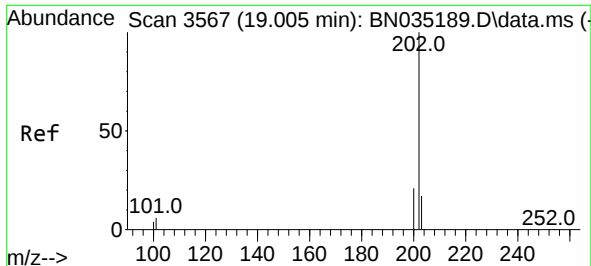
Tgt Ion:178 Resp: 11028
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.3 15.6 23.4



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

Tgt Ion:178 Resp: 10002
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.3 15.4 23.2





#19

Fluoranthene

Concen: 0.447 ng/ul

RT: 19.005 min Scan# 3567

Delta R.T. -0.005 min

Lab File: BN035204.D

Acq: 20 Nov 2024 18:07

Instrument :

BNA_N

ClientSampleId :

SLCS087

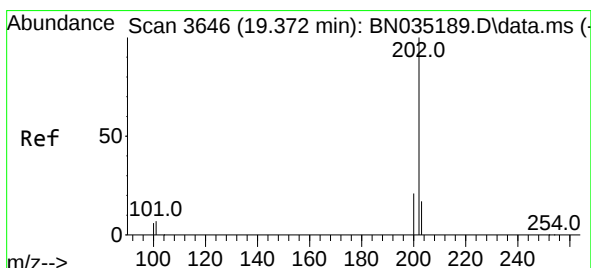
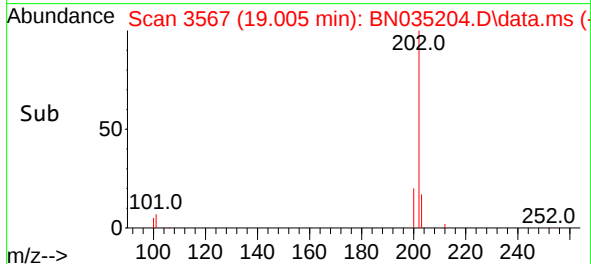
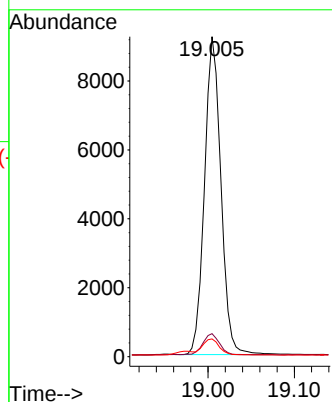
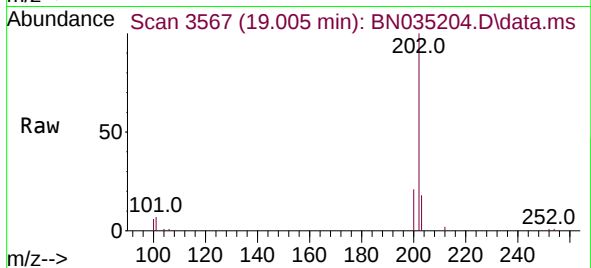
Tgt Ion:202 Resp: 12215

Ion Ratio Lower Upper

202 100

101 7.2 5.8 8.6

100 5.5 4.5 6.7



#20

Pyrene

Concen: 0.433 ng/ul

RT: 19.372 min Scan# 3646

Delta R.T. -0.005 min

Lab File: BN035204.D

Acq: 20 Nov 2024 18:07

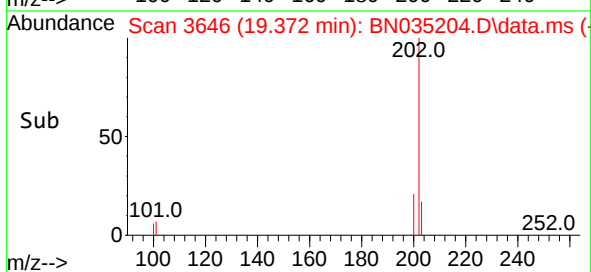
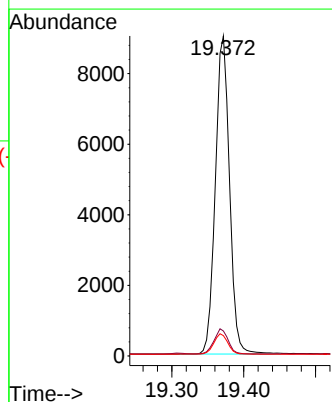
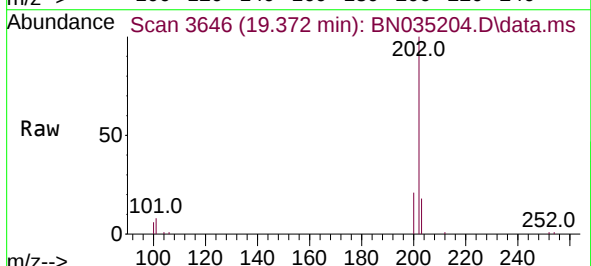
Tgt Ion:202 Resp: 12311

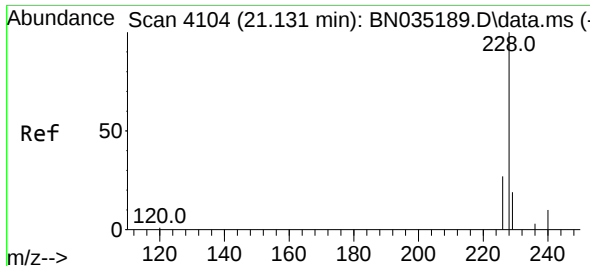
Ion Ratio Lower Upper

202 100

101 7.8 6.2 9.4

100 6.3 5.1 7.7

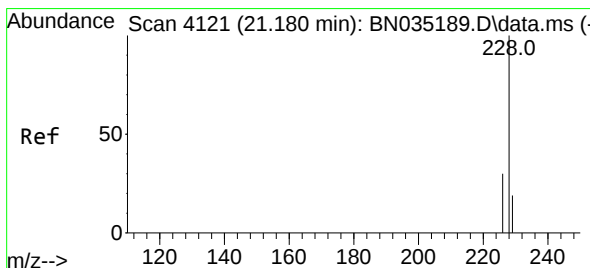
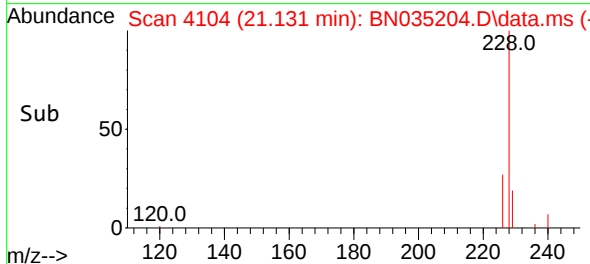
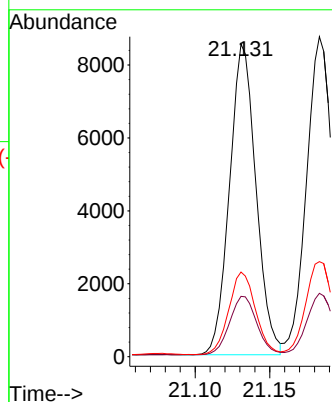
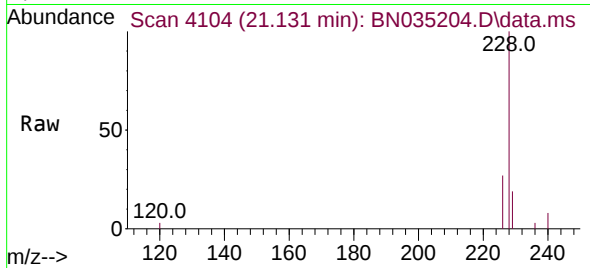




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. -0.009 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

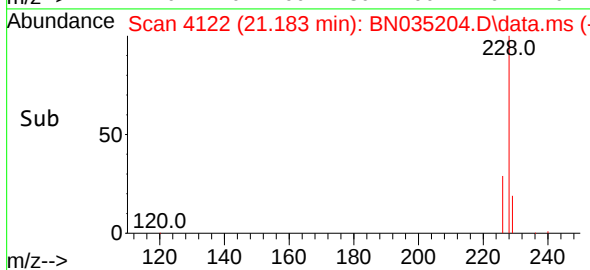
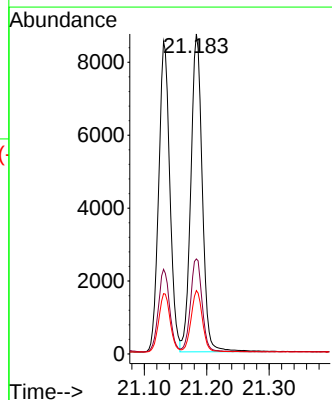
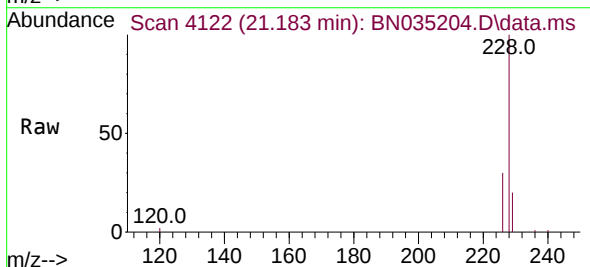
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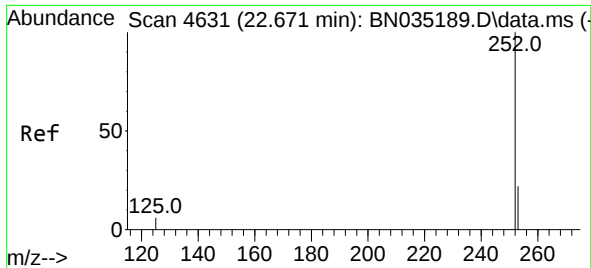
Tgt Ion:228 Resp: 10522
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.8
226 27.1 21.8 32.8



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

Tgt Ion:228 Resp: 11079
Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 19.8 16.0 24.0

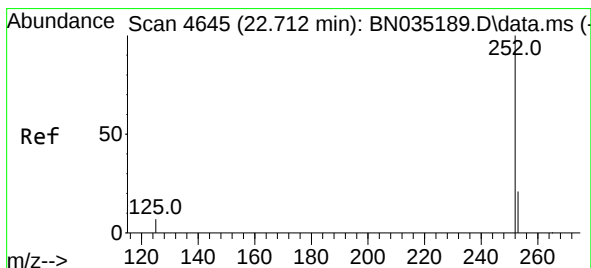
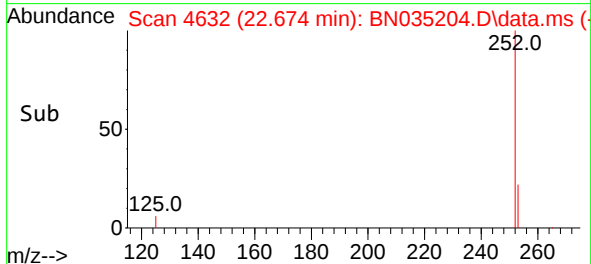
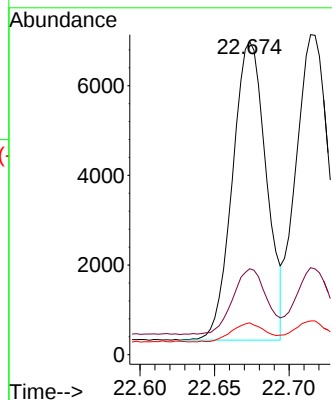
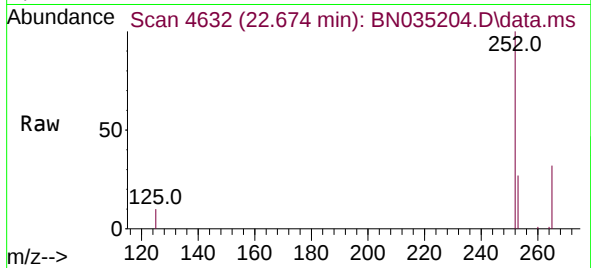




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.009 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

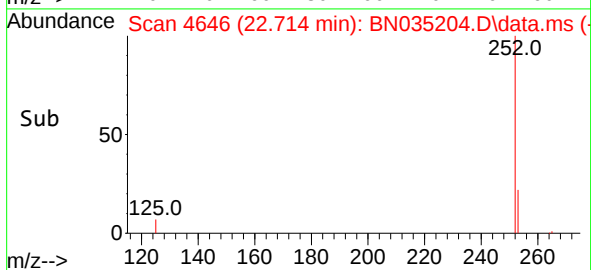
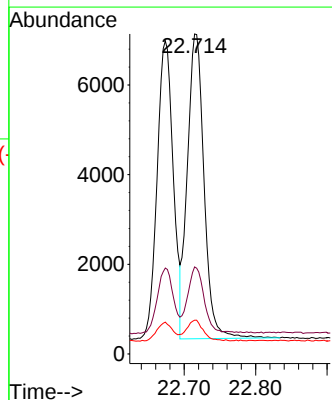
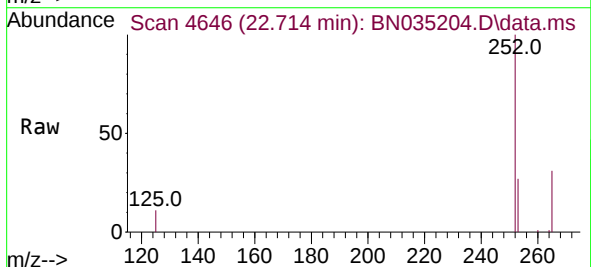
Instrument :
BNA_N
ClientSampleId :
SLCS087

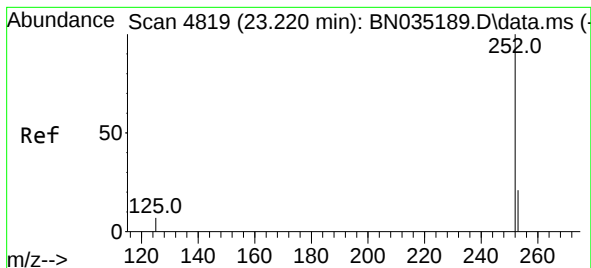
Tgt Ion:252 Resp: 10495
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.0
125 10.2 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 0.409 ng/ul
RT: 22.714 min Scan# 4646
Delta R.T. -0.009 min
Lab File: BN035204.D
Acq: 20 Nov 2024 18:07

Tgt Ion:252 Resp: 11026
Ion Ratio Lower Upper
252 100
253 27.2 21.8 32.6
125 10.5 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.391 ng/ul

RT: 23.226 min Scan# 4819

Delta R.T. -0.006 min

Lab File: BN035204.D

Acq: 20 Nov 2024 18:07

Instrument :

BNA_N

ClientSampleId :

SLCS087

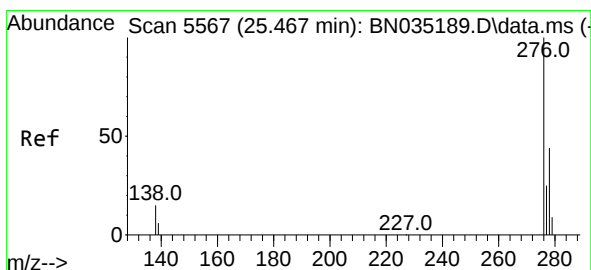
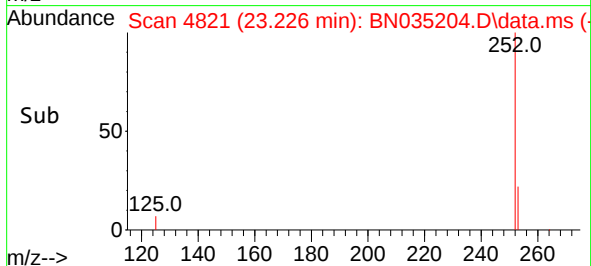
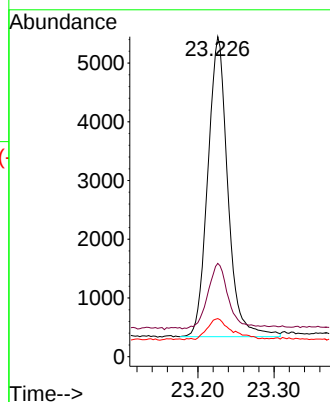
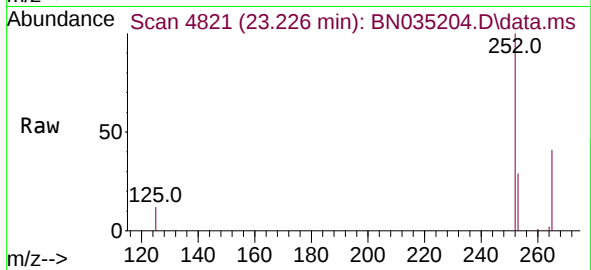
Tgt Ion:252 Resp: 9326

Ion Ratio Lower Upper

252 100

253 29.1 22.9 34.3

125 11.9 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.394 ng/ul

RT: 25.477 min Scan# 5570

Delta R.T. -0.010 min

Lab File: BN035204.D

Acq: 20 Nov 2024 18:07

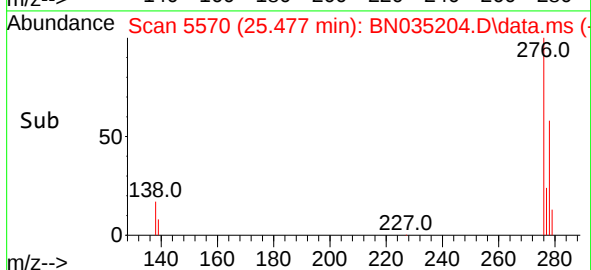
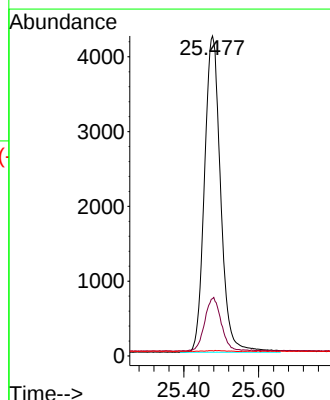
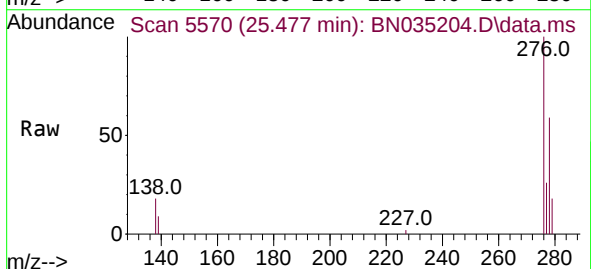
Tgt Ion:276 Resp: 12688

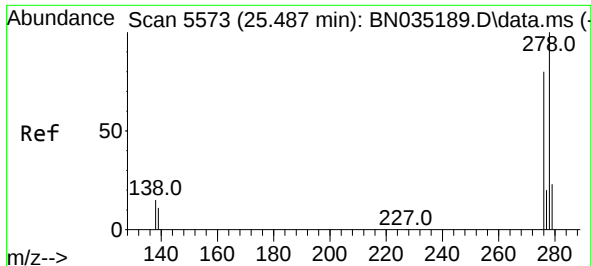
Ion Ratio Lower Upper

276 100

138 17.2 13.8 20.8

227 0.2 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.395 ng/ul

RT: 25.490 min Scan# 51

Delta R.T. -0.017 min

Lab File: BN035204.D

Acq: 20 Nov 2024 18:07

Instrument :

BNA_N

ClientSampleId :

SLCS087

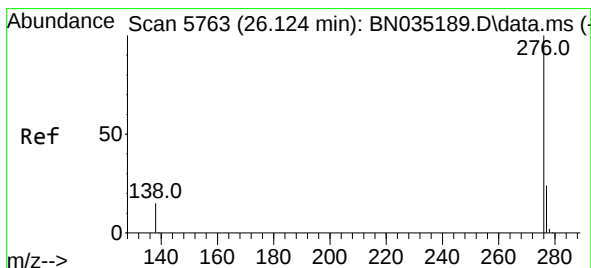
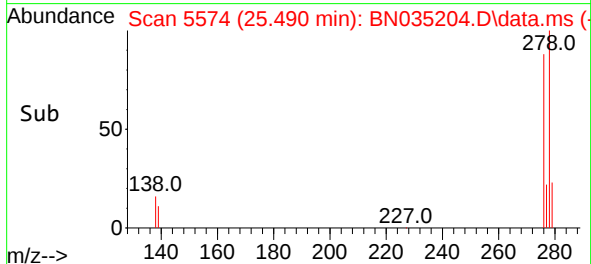
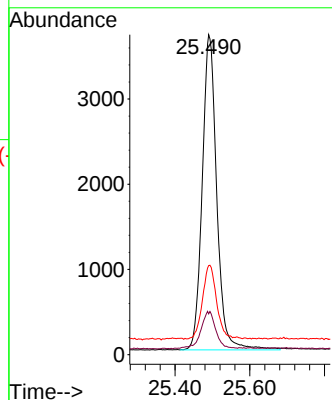
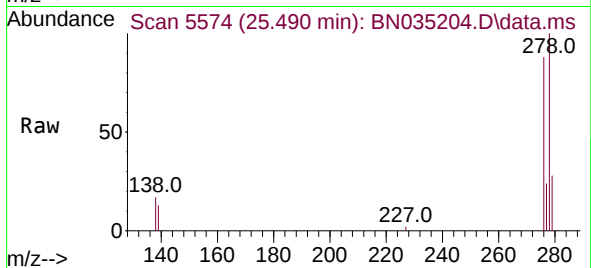
Tgt Ion:278 Resp: 9978

Ion Ratio Lower Upper

278 100

139 12.8 10.7 16.1

279 27.9 22.8 34.2



#29

Benzo(g,h,i)perylene

Concen: 0.394 ng/ul

RT: 26.131 min Scan# 5765

Delta R.T. -0.010 min

Lab File: BN035204.D

Acq: 20 Nov 2024 18:07

Tgt Ion:276 Resp: 10017

Ion Ratio Lower Upper

276 100

138 16.5 13.0 19.6

277 25.0 20.5 30.7

