

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035677.D
 Acq On : 18 Dec 2024 19:19
 Operator : RC/JU
 Sample : PB165589BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS589

Quant Time: Dec 19 01:26:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

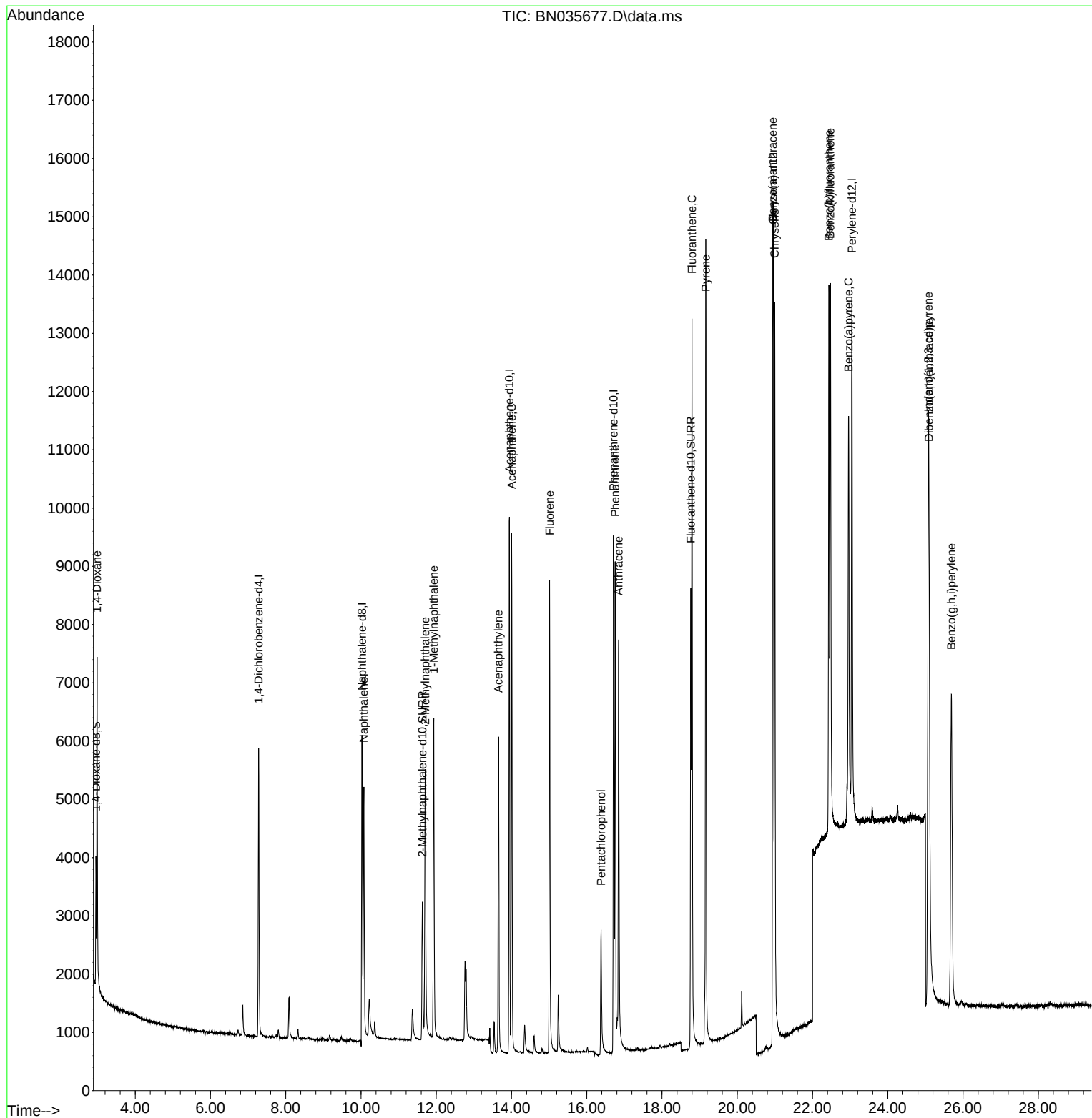
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7278	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5299	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11516	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	10277	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	11646	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1441	0.639	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	3724	0.359	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	10027	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.984	88	3767	1.655	ng/ul#	73
5) Naphthalene	10.075	128	5766	0.323	ng/ul	99
7) 2-Methylnaphthalene	11.708	142	3961	0.330	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	4220	0.339	ng/ul	99
10) Acenaphthylene	13.653	152	6519	0.318	ng/ul	99
11) Acenaphthene	14.004	153	5001	0.322	ng/ul	99
12) Fluorene	15.013	166	5661	0.313	ng/ul	99
14) Pentachlorophenol	16.380	266	1833	0.621	ng/ul	99
15) Phenanthrene	16.755	178	9332	0.324	ng/ul	100
16) Anthracene	16.848	178	8297	0.308	ng/ul	100
19) Fluoranthene	18.795	202	11599	0.316	ng/ul	99
20) Pyrene	19.163	202	12445	0.307	ng/ul	99
21) Benzo(a)anthracene	20.944	228	11269	0.331	ng/ul	99
22) Chrysene	20.996	228	12191	0.345	ng/ul	99
24) Benzo(b)fluoranthene	22.434	252	11372	0.331	ng/ul	98
25) Benzo(k)fluoranthene	22.475	252	13090	0.345	ng/ul	98
26) Benzo(a)pyrene	22.957	252	11304	0.340	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.078	276	16089	0.398	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.094	278	11001	0.356	ng/ul	96
29) Benzo(g,h,i)perylene	25.688	276	11531	0.355	ng/ul	98

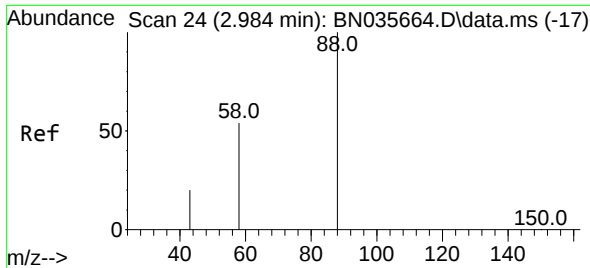
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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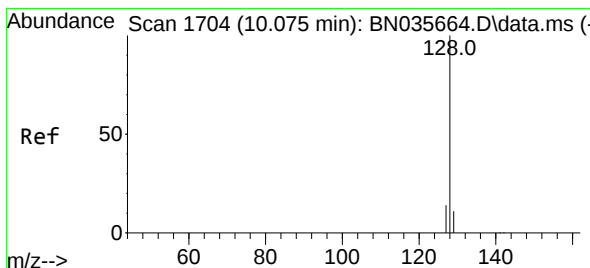
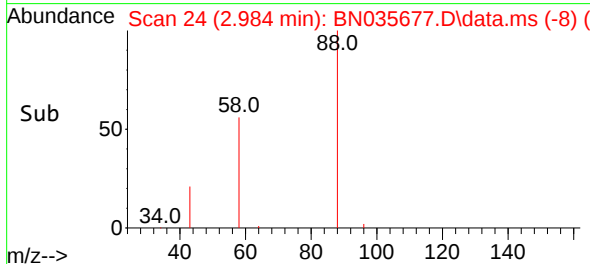
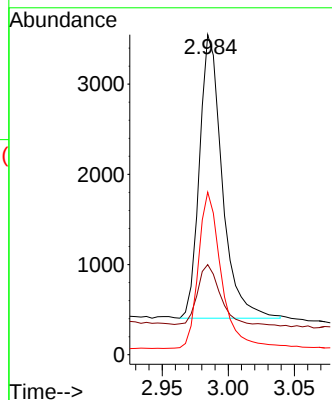
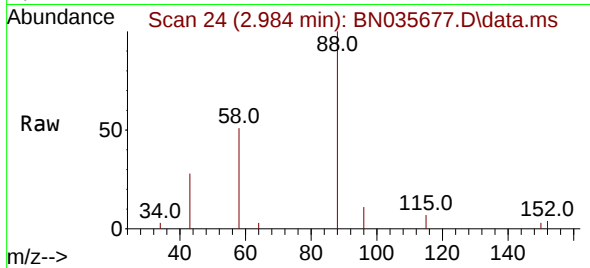




#2
 1,4-Dioxane
 Concen: 1.655 ng/ul
 RT: 2.984 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN035677.D
 Acq: 18 Dec 2024 19:19

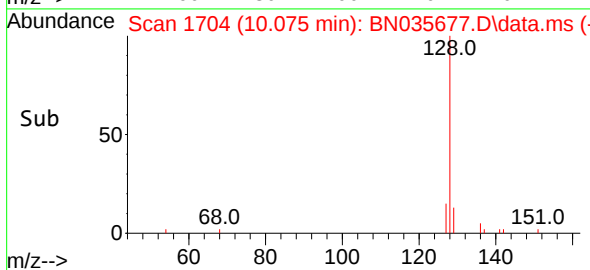
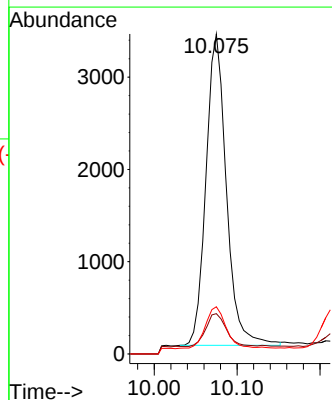
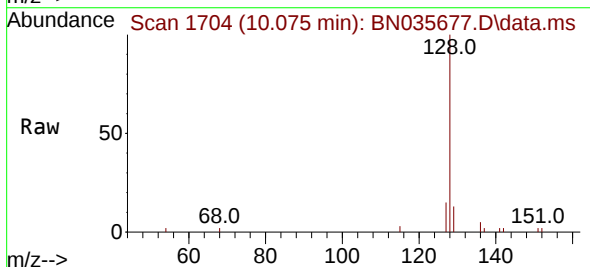
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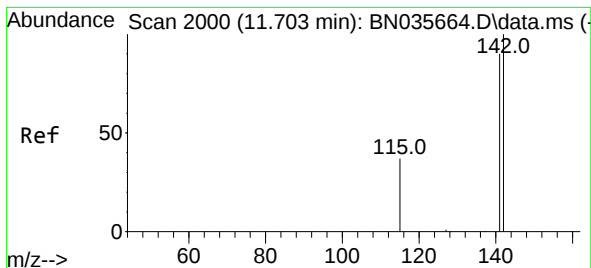
Tgt Ion: 88 Resp: 3767
 Ion Ratio Lower Upper
 88 100
 43 28.2 39.4 59.2#
 58 50.8 29.8 44.6#



#5
 Naphthalene
 Concen: 0.323 ng/ul
 RT: 10.075 min Scan# 1704
 Delta R.T. -0.005 min
 Lab File: BN035677.D
 Acq: 18 Dec 2024 19:19

Tgt Ion: 128 Resp: 5766
 Ion Ratio Lower Upper
 128 100
 129 12.6 10.8 16.2
 127 14.7 12.0 18.0

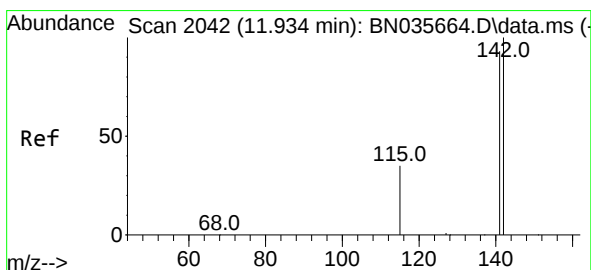
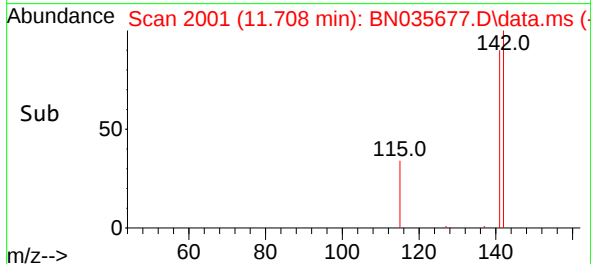
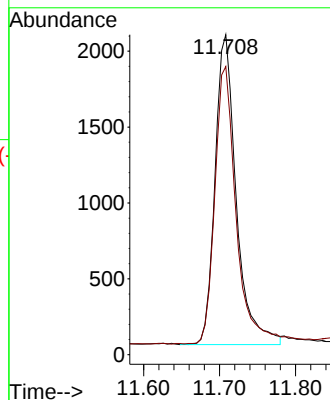
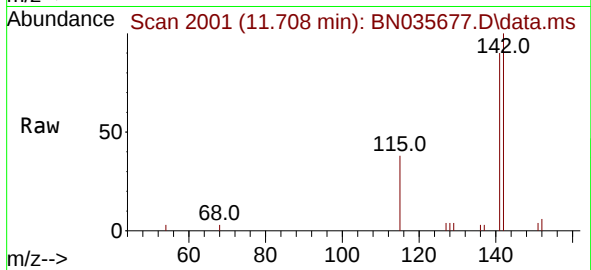




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

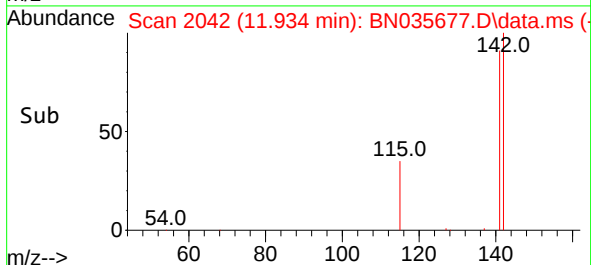
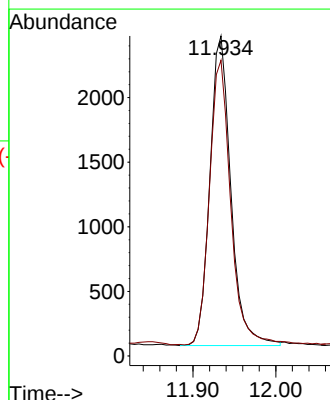
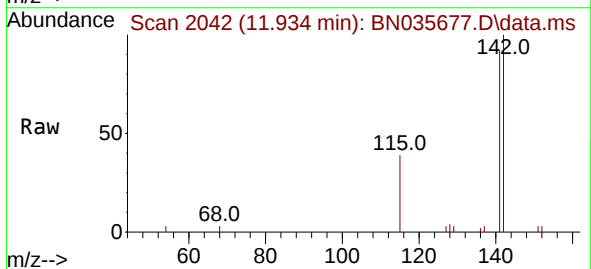
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BNA_N
ClientSampleId :
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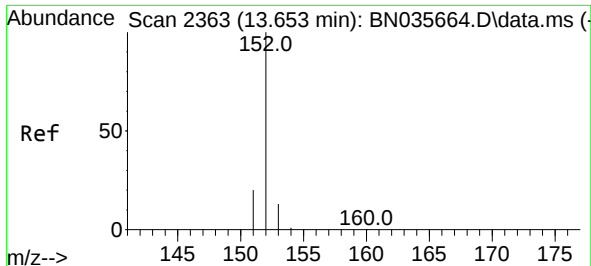
Tgt Ion:142 Resp: 3961
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Tgt Ion:142 Resp: 4220
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1

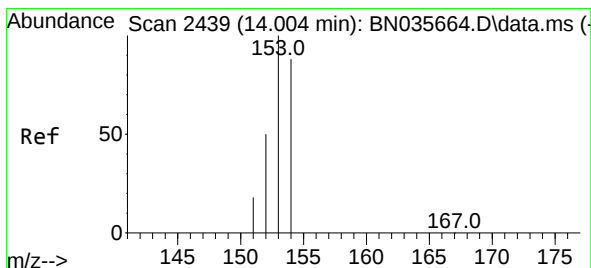
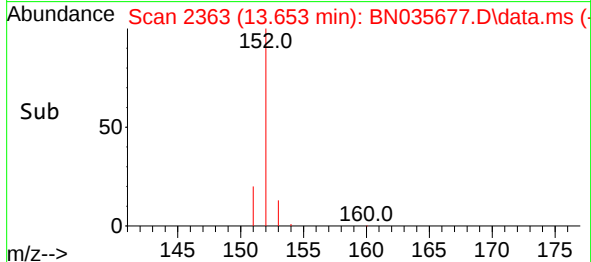
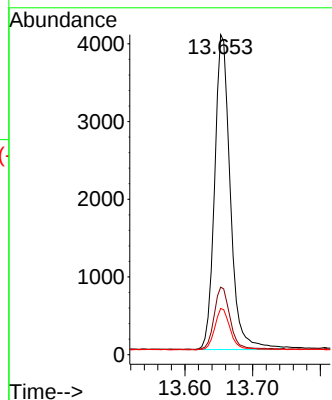
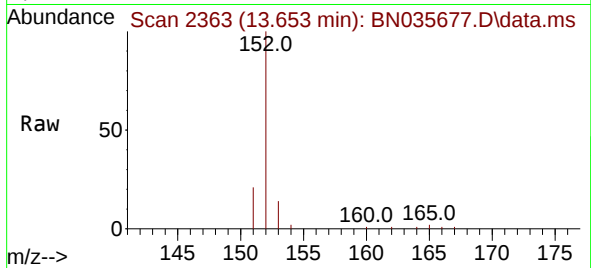




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 13.653 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

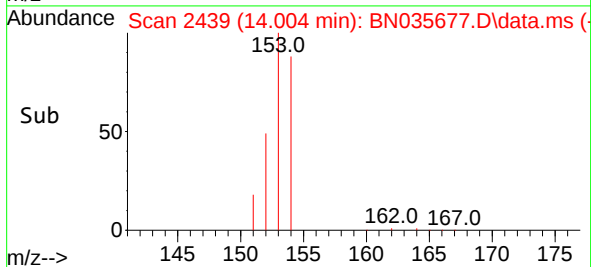
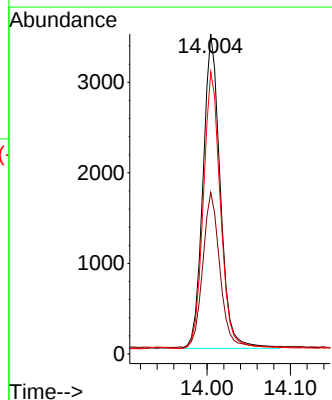
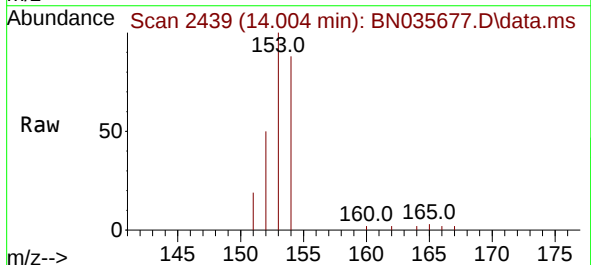
Instrument :
BNA_N
ClientSampleId :
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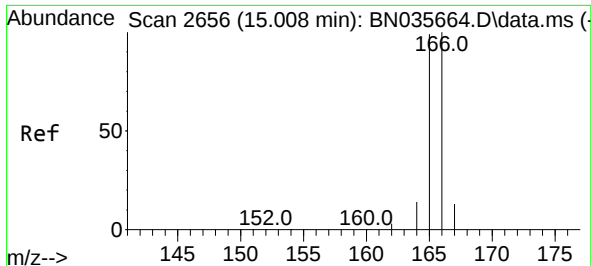
Tgt Ion:152 Resp: 6519
Ion Ratio Lower Upper
152 100
151 21.1 17.6 26.4
153 14.4 11.4 17.2



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.004 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Tgt Ion:153 Resp: 5001
Ion Ratio Lower Upper
153 100
152 50.5 39.8 59.6
154 88.2 69.8 104.8

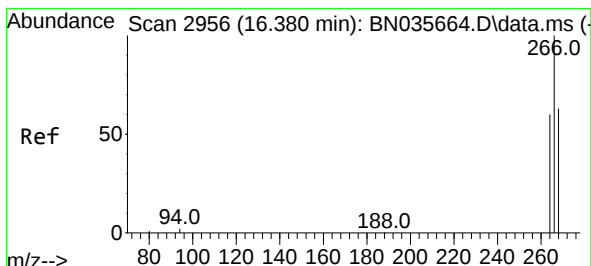
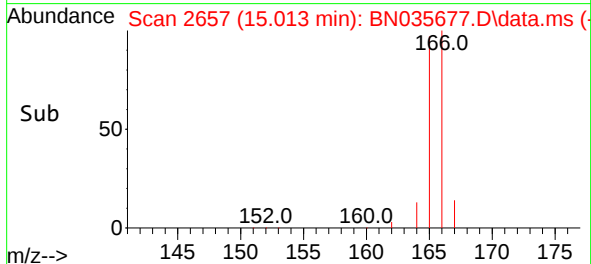
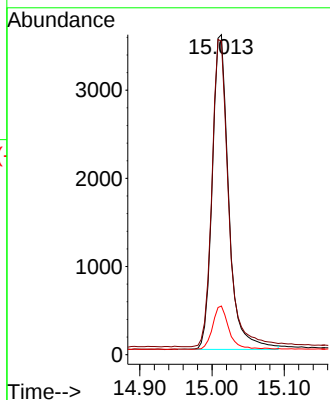
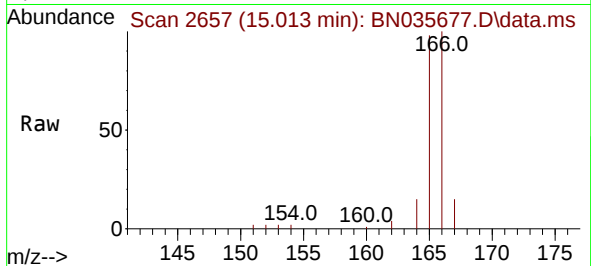




#12
 Fluorene
 Concen: 0.313 ng/ul
 RT: 15.013 min Scan# 2657
 Delta R.T. 0.000 min
 Lab File: BN035677.D
 Acq: 18 Dec 2024 19:19

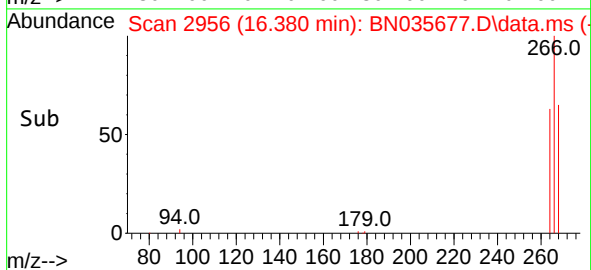
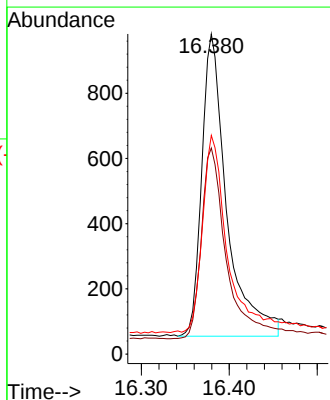
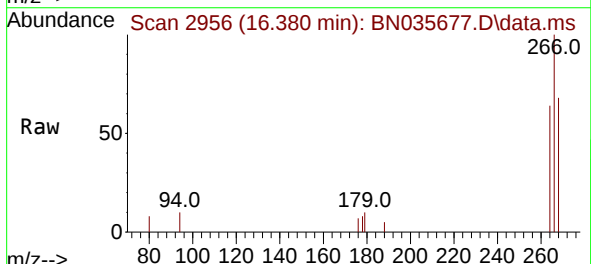
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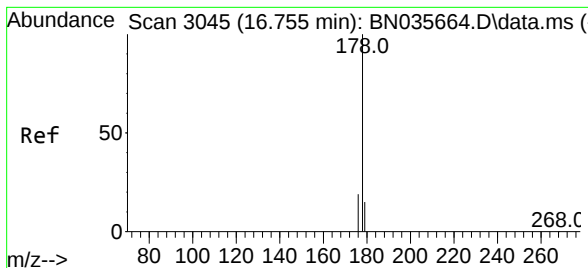
Tgt Ion:	166	Resp:	5661
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.5	119.3
167	15.2	11.8	17.8



#14
 Pentachlorophenol
 Concen: 0.621 ng/ul
 RT: 16.380 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BN035677.D
 Acq: 18 Dec 2024 19:19

Tgt Ion:	266	Resp:	1833
Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.9	74.9
268	65.2	52.8	79.2





#15

Phenanthrene

Concen: 0.324 ng/ul

RT: 16.755 min Scan# 3045

Delta R.T. -0.004 min

Lab File: BN035677.D

Acq: 18 Dec 2024 19:19

Instrument :

BNA_N

ClientSampleId :

SLCS589

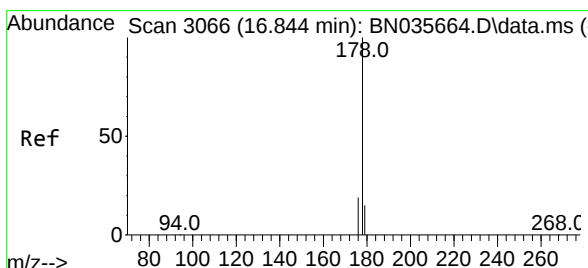
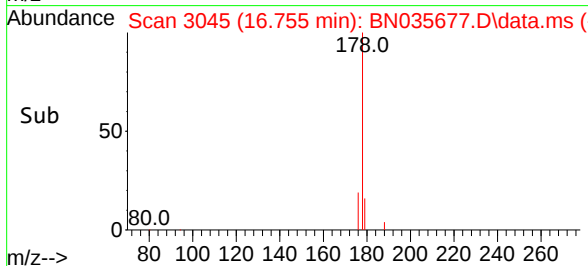
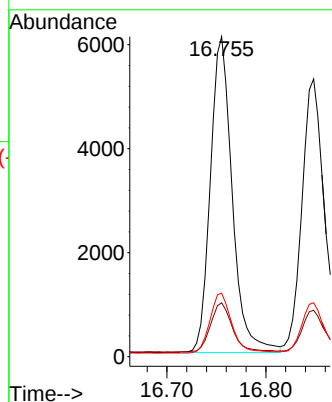
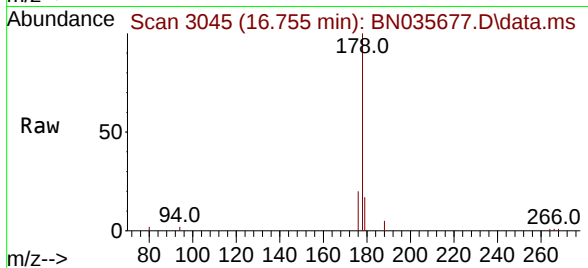
Tgt Ion:178 Resp: 9332

Ion Ratio Lower Upper

178 100

179 16.8 13.3 19.9

176 19.8 15.8 23.8



#16

Anthracene

Concen: 0.308 ng/ul

RT: 16.848 min Scan# 3067

Delta R.T. 0.000 min

Lab File: BN035677.D

Acq: 18 Dec 2024 19:19

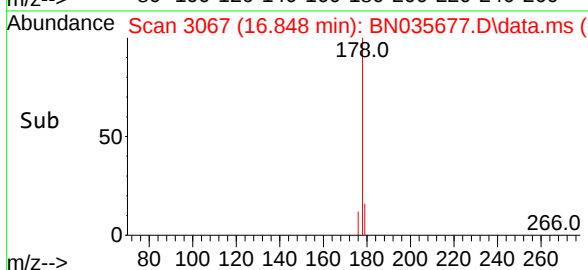
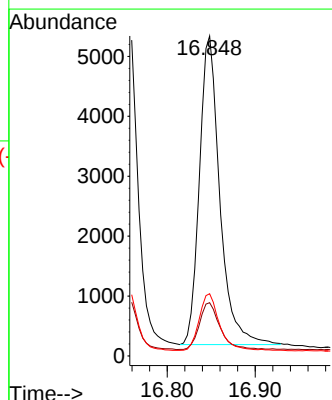
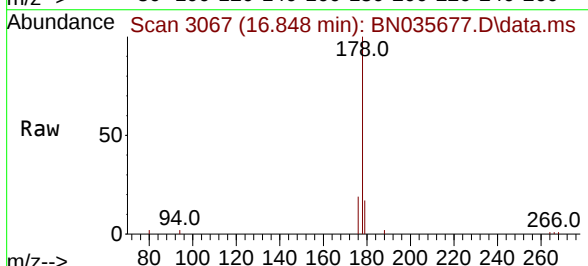
Tgt Ion:178 Resp: 8297

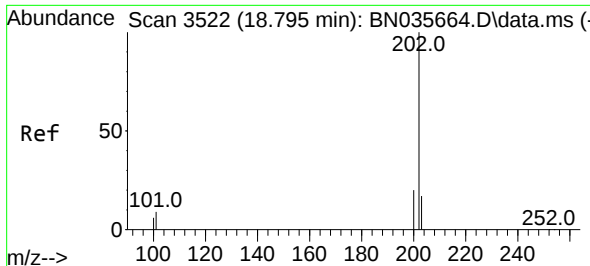
Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.0

176 19.4 15.4 23.0

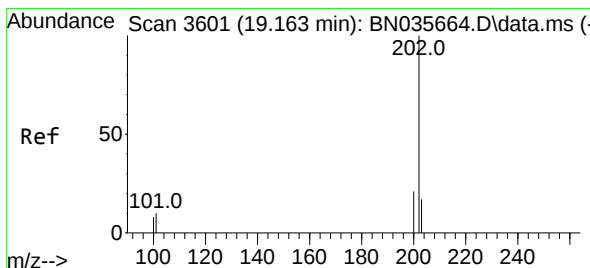
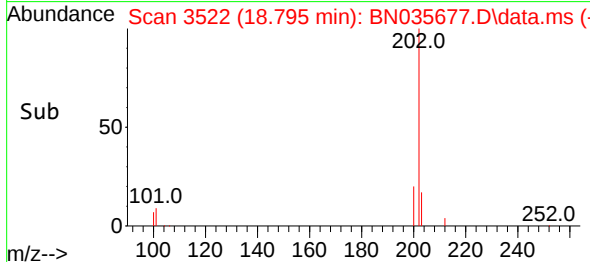
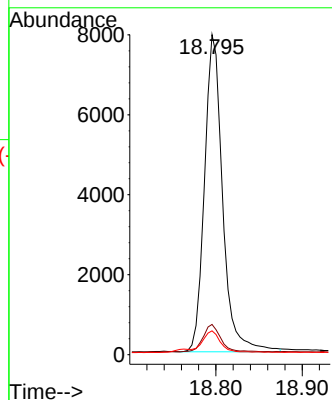
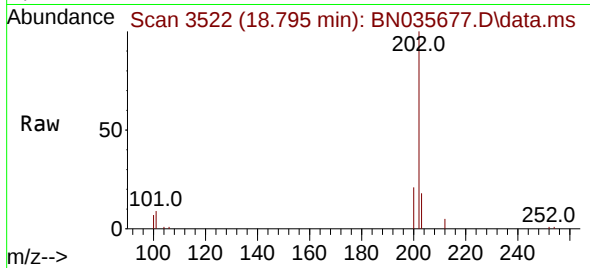




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

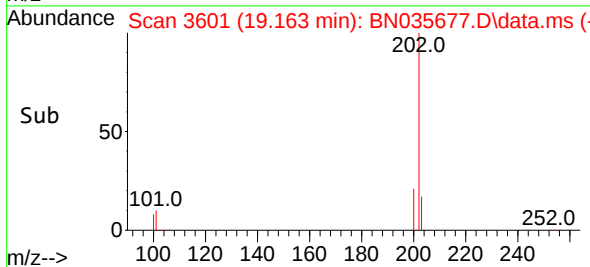
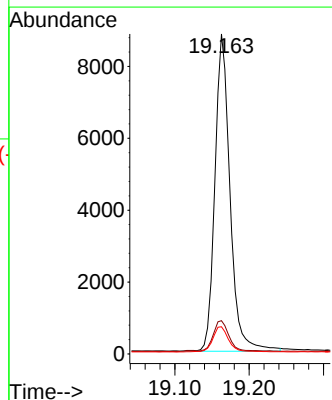
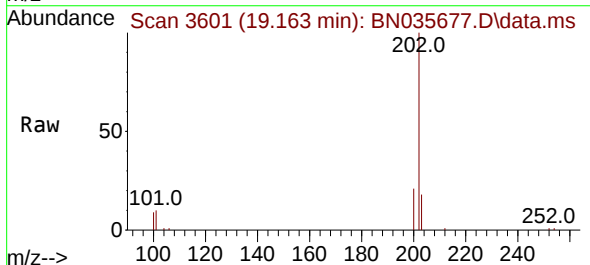
Instrument :
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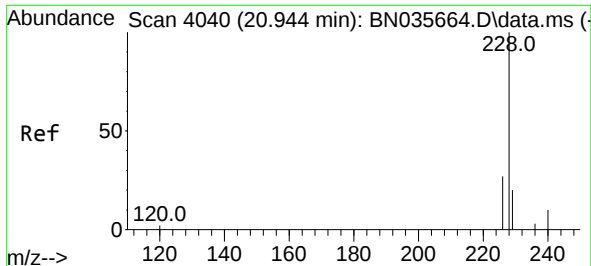
Tgt Ion:202 Resp: 11599
Ion Ratio Lower Upper
202 100
101 9.4 7.3 10.9
100 7.4 5.4 8.0



#20
Pyrene
Concen: 0.307 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Tgt Ion:202 Resp: 12445
Ion Ratio Lower Upper
202 100
101 10.4 8.5 12.7
100 8.5 6.5 9.7

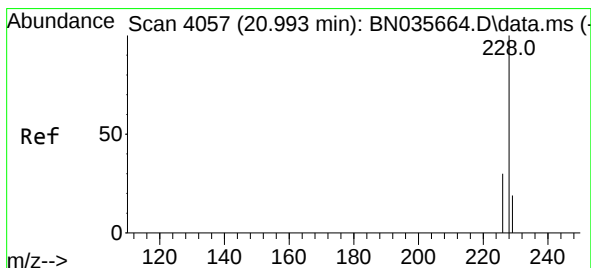
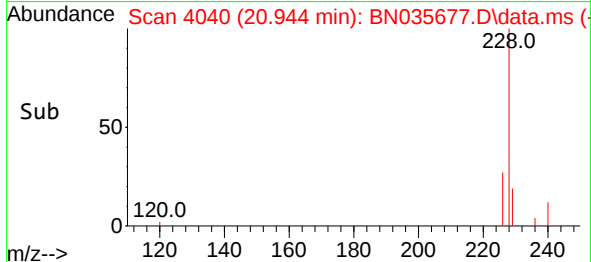
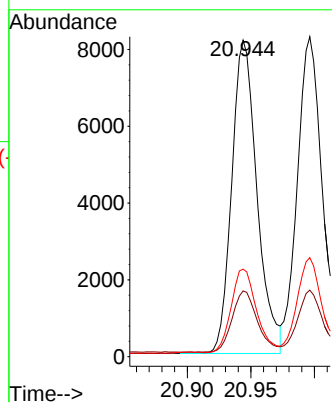
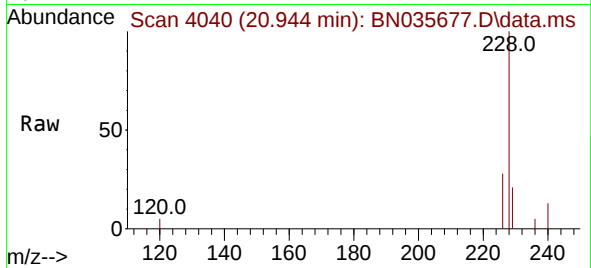




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

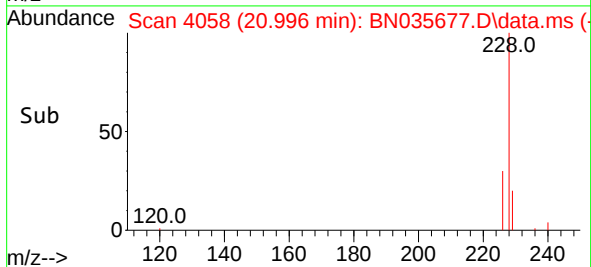
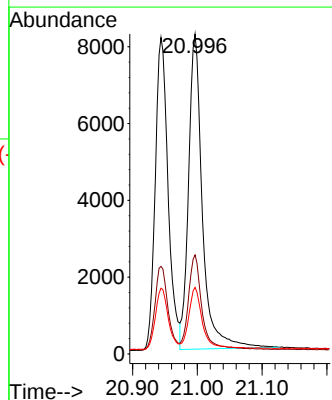
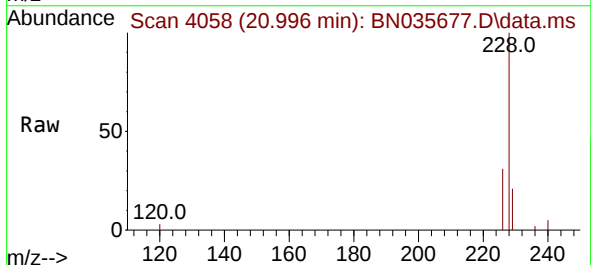
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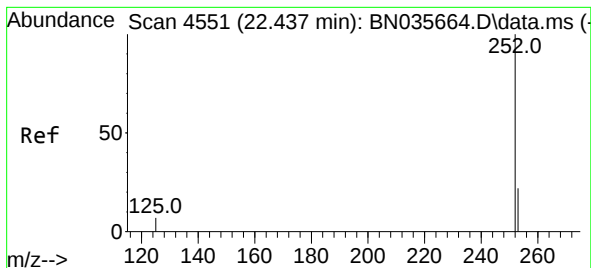
Tgt Ion:228 Resp: 11269
Ion Ratio Lower Upper
228 100
229 20.8 16.6 25.0
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.345 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Tgt Ion:228 Resp: 12191
Ion Ratio Lower Upper
228 100
226 30.9 25.1 37.7
229 20.8 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.331 ng/ul

RT: 22.434 min Scan# 4551

Delta R.T. -0.009 min

Lab File: BN035677.D

Acq: 18 Dec 2024 19:19

Instrument :

BNA_N

ClientSampleId :

SLCS589

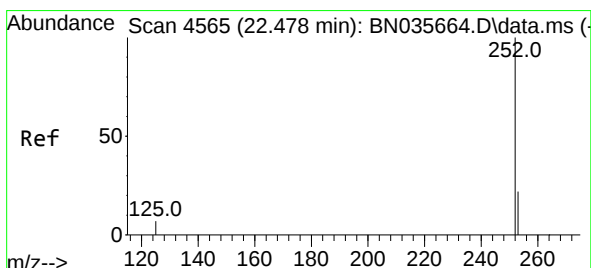
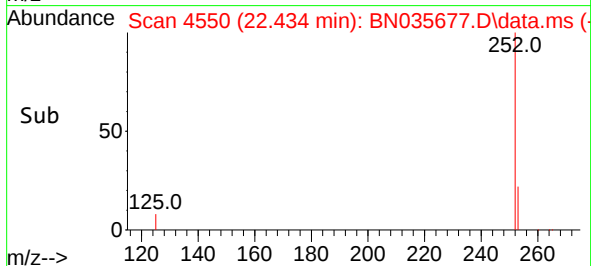
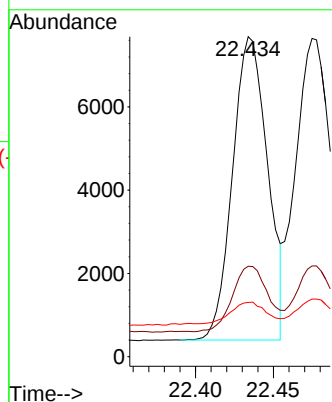
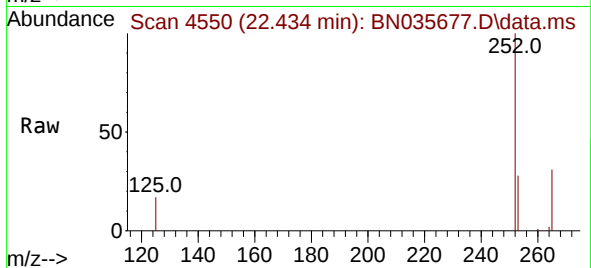
Tgt Ion:252 Resp: 11372

Ion Ratio Lower Upper

252 100

253 28.3 0.0 56.4

125 17.0 0.0 37.6



#25

Benzo(k)fluoranthene

Concen: 0.345 ng/ul

RT: 22.475 min Scan# 4564

Delta R.T. -0.006 min

Lab File: BN035677.D

Acq: 18 Dec 2024 19:19

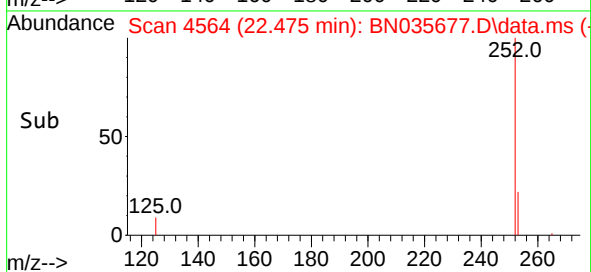
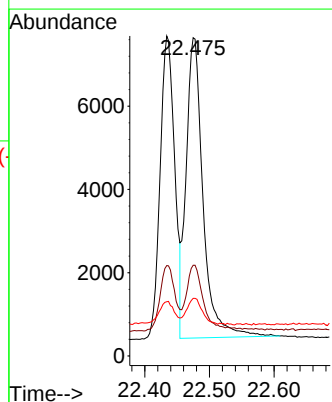
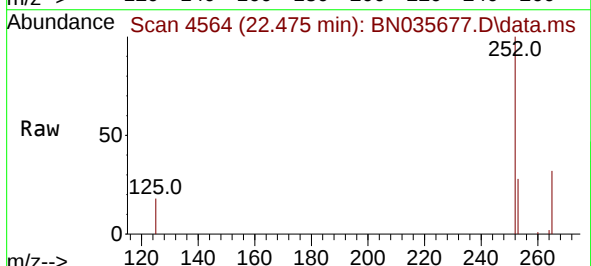
Tgt Ion:252 Resp: 13090

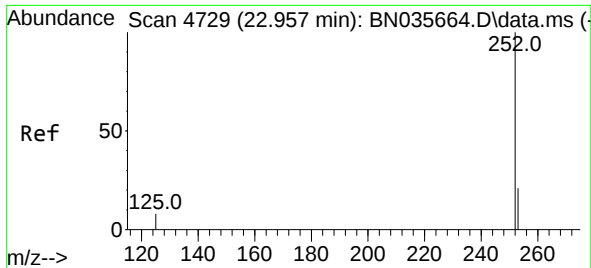
Ion Ratio Lower Upper

252 100

253 28.5 22.1 33.1

125 18.1 15.3 22.9

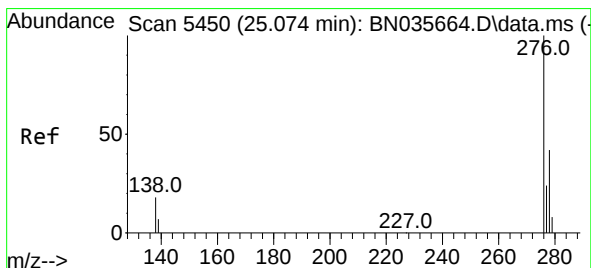
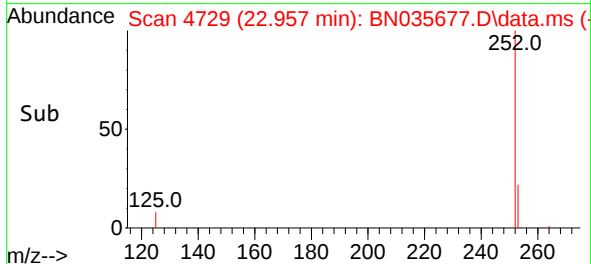
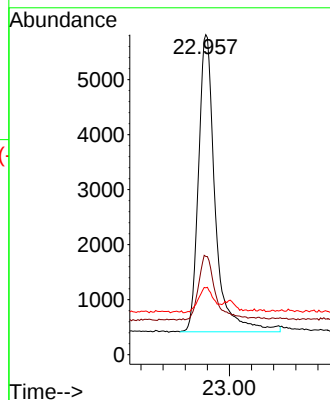
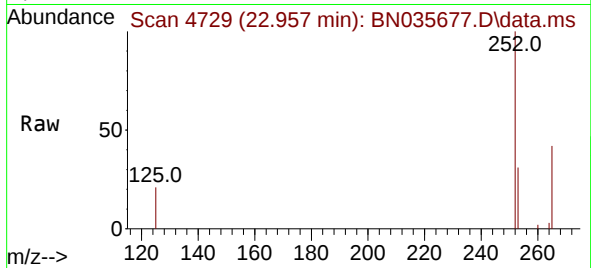




#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

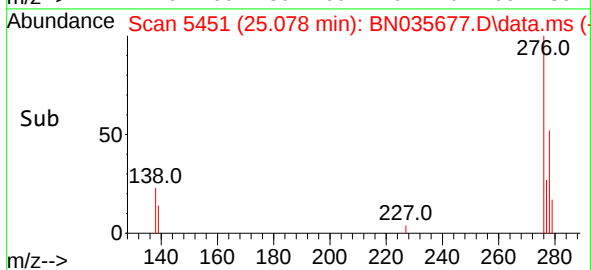
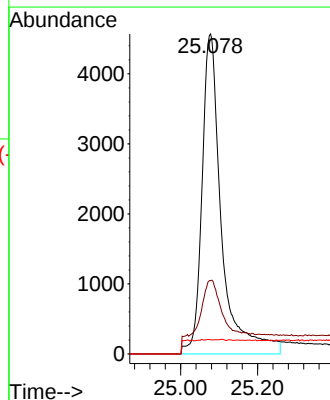
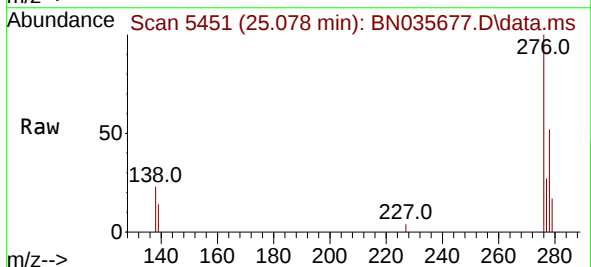
Instrument :
BNA_N
ClientSampleId :
SLCS589

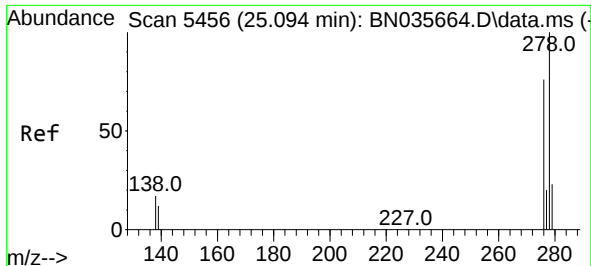
Tgt Ion:	252	Resp:	11304
Ion Ratio	Lower	Upper	
252	100		
253	30.7	24.1	36.1
125	20.9	19.1	28.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Tgt Ion:	276	Resp:	16089
Ion Ratio	Lower	Upper	
276	100		
138	16.5	14.7	22.1
227	0.0	21.6	32.4

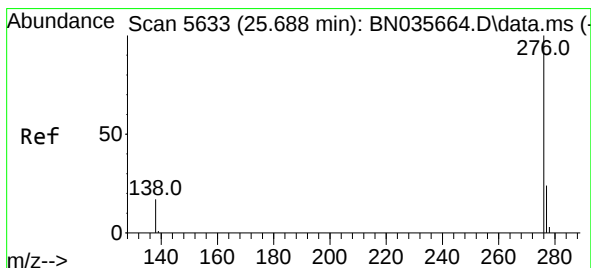
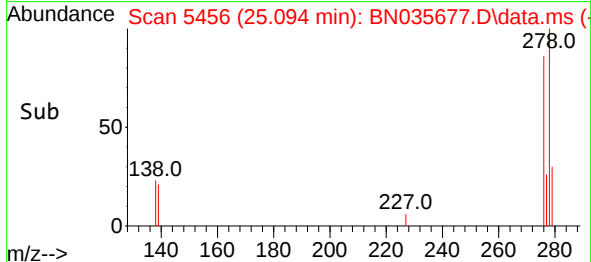
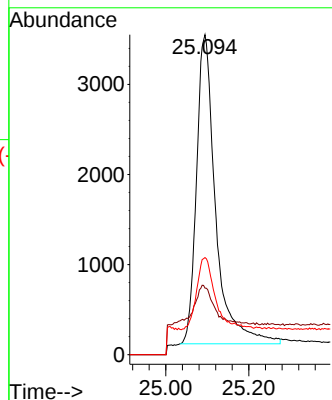
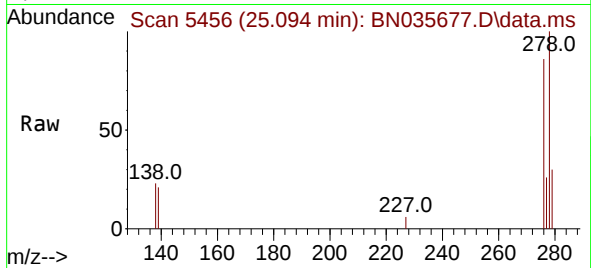




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 25.094 min Scan# 5456
Delta R.T. -0.007 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Instrument :
BNA_N
ClientSampleId :
SLCS589

Tgt Ion:	278	Resp:	11001
Ion Ratio	Lower	Upper	
278	100		
139	20.8	19.8	29.8
279	30.3	24.0	36.0



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 25.688 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BN035677.D
Acq: 18 Dec 2024 19:19

Tgt Ion:	276	Resp:	11531
Ion Ratio	Lower	Upper	
276	100		
138	22.6	19.6	29.4
277	26.8	21.6	32.4

