

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
 Data File : BN033643.D
 Acq On : 28 Aug 2024 13:32
 Operator : MA/JU
 Sample : P3711-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E24A0MSD

Quant Time: Aug 28 15:07:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:48:09 2024
 Response via : Initial Calibration

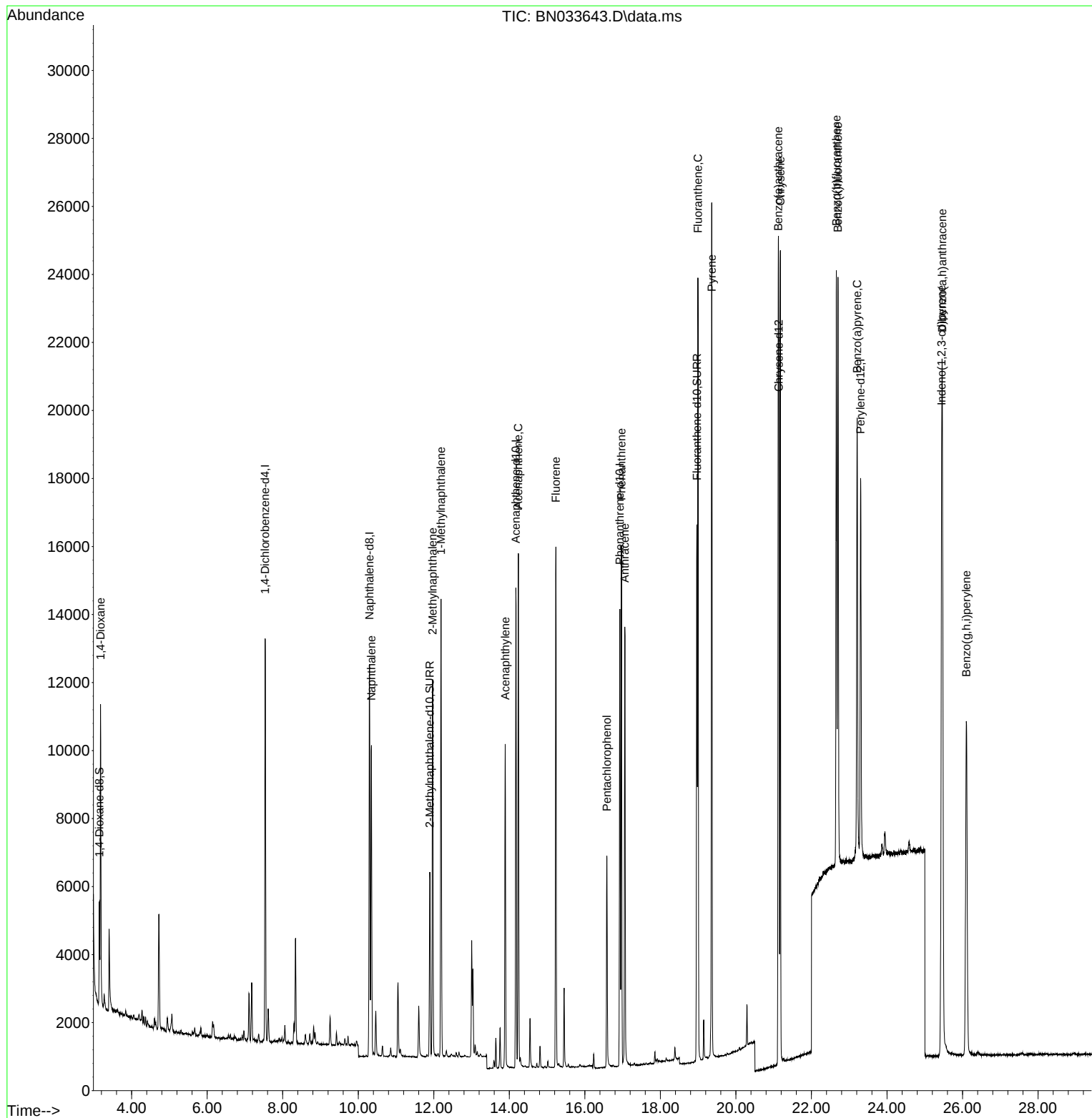
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	5594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	15220	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.174	164	7554	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	15718	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	12644	0.400	ng/ul	0.00
23) Perylene-d12	23.301	264	13871	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	1760	0.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	7069	0.324	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	17050	0.452	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	5200	0.815	ng/ul#	87
5) Naphthalene	10.349	128	12326	0.303	ng/ul	100
7) 2-Methylnaphthalene	11.971	142	7615	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.191	142	9010	0.340	ng/ul	99
10) Acenaphthylene	13.892	152	10665	0.311	ng/ul	99
11) Acenaphthene	14.239	153	8349	0.337	ng/ul	98
12) Fluorene	15.234	166	9442	0.341	ng/ul	100
14) Pentachlorophenol	16.581	266	4252	0.860	ng/ul	99
15) Phenanthrene	16.970	178	15732	0.339	ng/ul	100
16) Anthracene	17.058	178	13931	0.334	ng/ul	99
19) Fluoranthene	18.994	202	19050	0.382	ng/ul	99
20) Pyrene	19.361	202	20331	0.384	ng/ul	98
21) Benzo(a)anthracene	21.121	228	18977	0.381	ng/ul	99
22) Chrysene	21.176	228	19280	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.661	252	20009	0.372	ng/ul	99
25) Benzo(k)fluoranthene	22.702	252	20373	0.378	ng/ul	99
26) Benzo(a)pyrene	23.210	252	17726	0.410	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.448	276	24337	0.375	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.465	278	19021	0.377	ng/ul	100
29) Benzo(g,h,i)perylene	26.102	276	19130	0.377	ng/ul	99

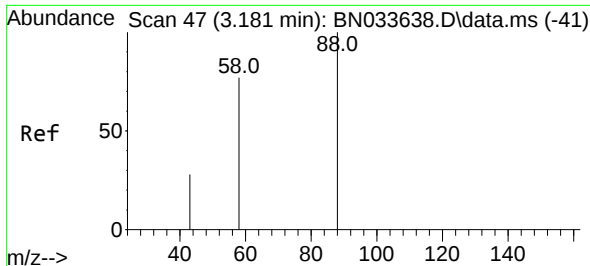
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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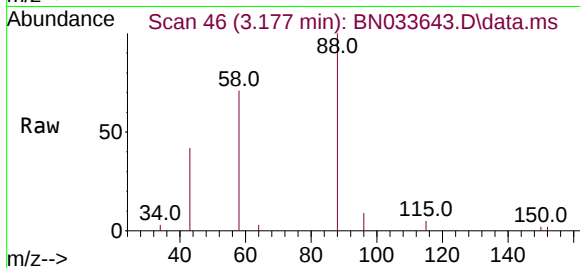
Quant Time: Aug 28 15:07:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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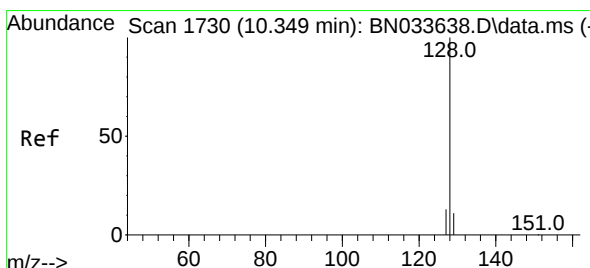
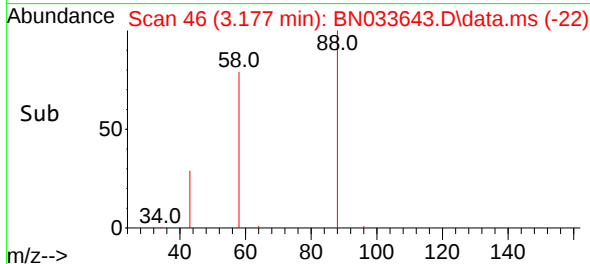
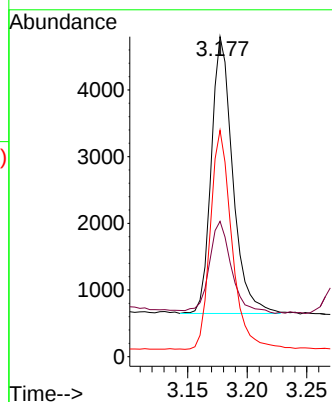


#2
1,4-Dioxane
Concen: 0.815 ng/ul
RT: 3.177 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Instrument :
BNA_N
ClientSampleId :
E24A0MSD

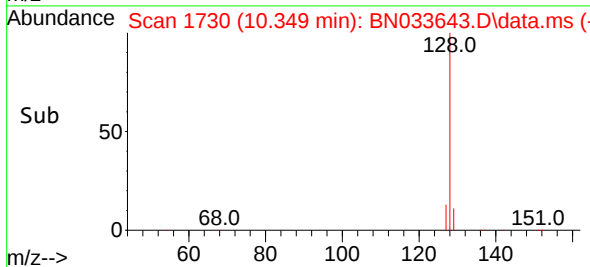
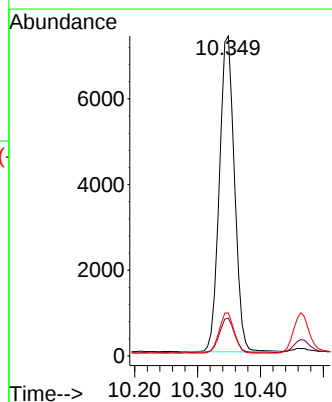
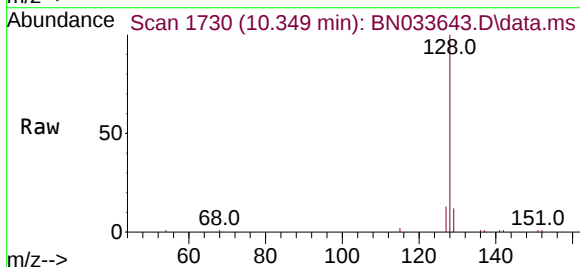


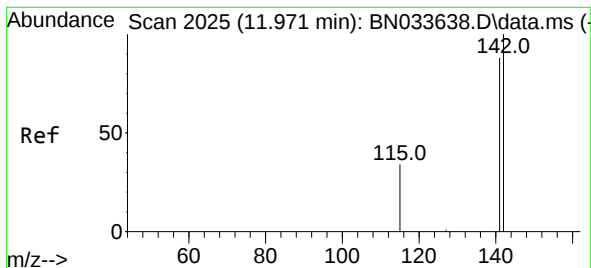
Tgt Ion: 88 Resp: 5200
Ion Ratio Lower Upper
88 100
43 42.3 47.0 70.4#
58 70.7 53.0 79.4



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion: 128 Resp: 12326
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.8 16.2

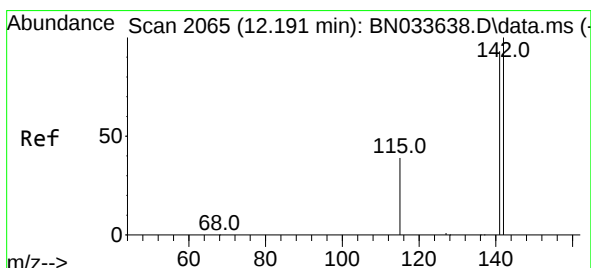
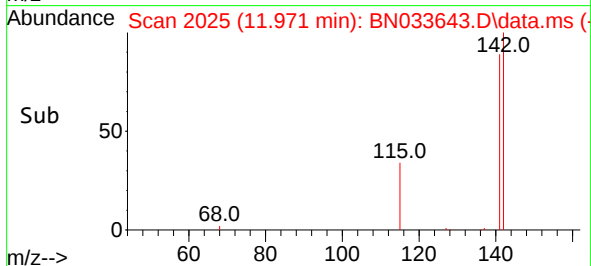
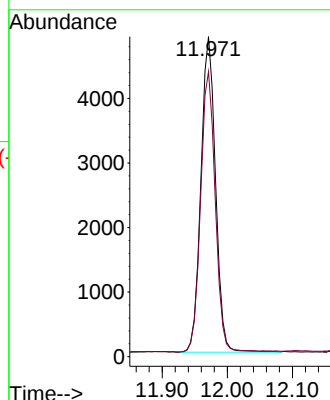
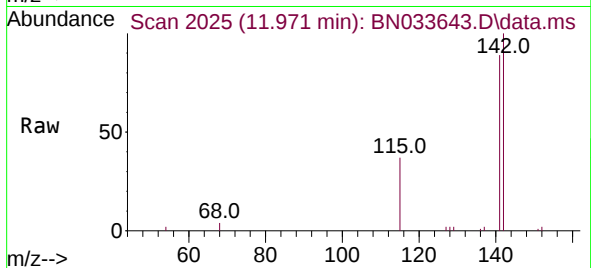




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

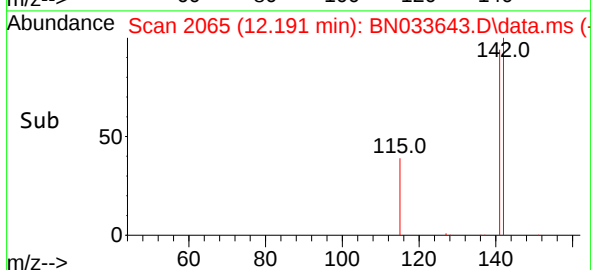
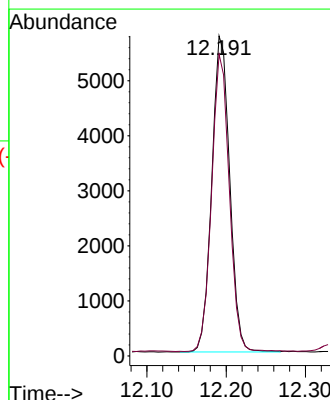
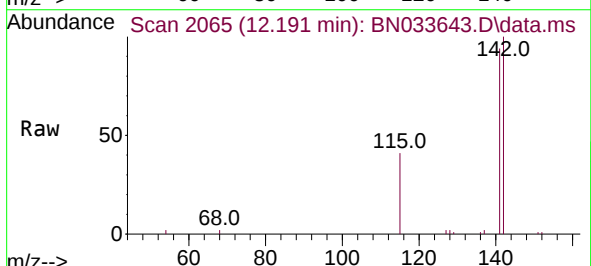
Instrument :
BNA_N
ClientSampleId :
E24A0MSD

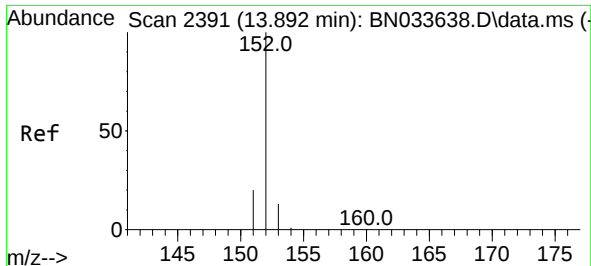
Tgt Ion:142 Resp: 7615
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:142 Resp: 9010
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4

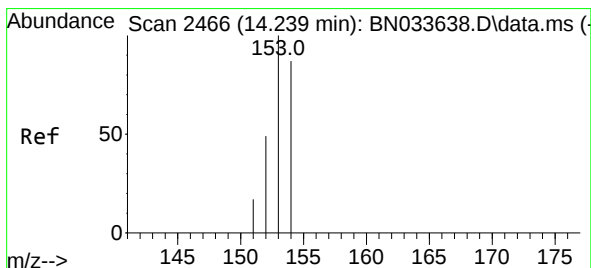
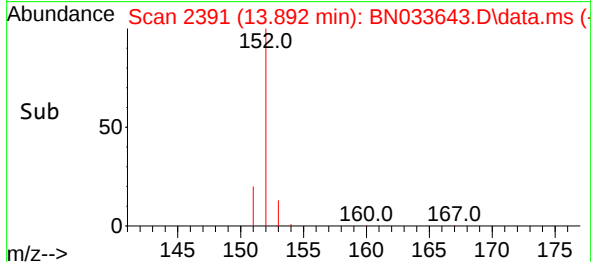
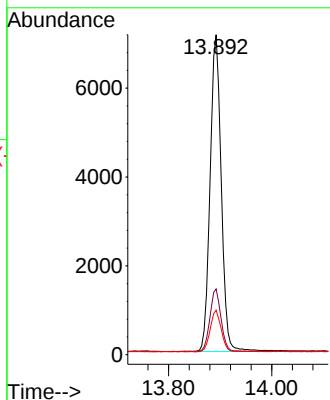
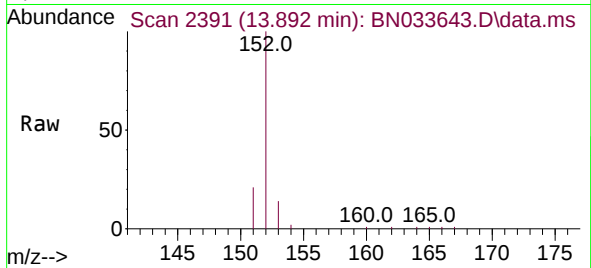




#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

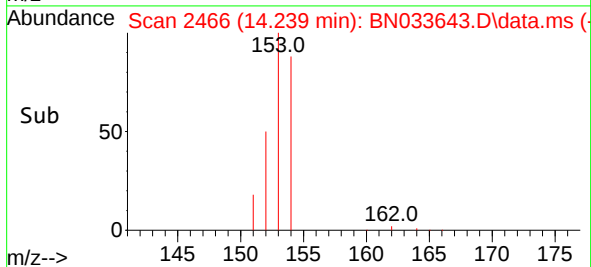
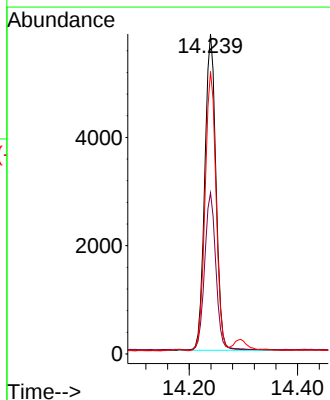
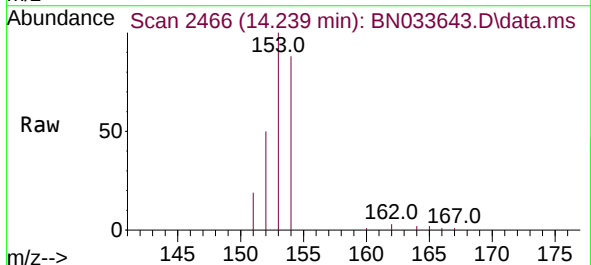
Instrument :
BNA_N
ClientSampleId :
E24A0MSD

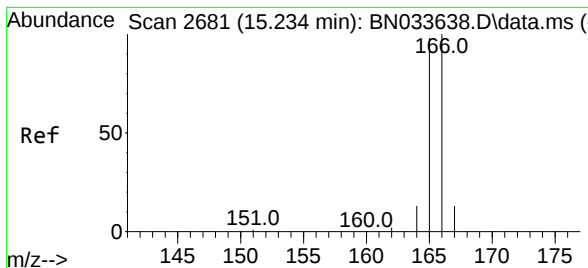
Tgt Ion:	152	Resp:	10665
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	13.9	10.8	16.2



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:	153	Resp:	8349
Ion Ratio	Lower	Upper	
153	100		
152	50.3	39.8	59.8
154	88.3	69.0	103.6





#12

Fluorene

Concen: 0.341 ng/ul

RT: 15.234 min Scan# 2

Delta R.T. 0.001 min

Lab File: BN033643.D

Acq: 28 Aug 2024 13:32

Instrument :

BNA_N

ClientSampleId :

E24A0MSD

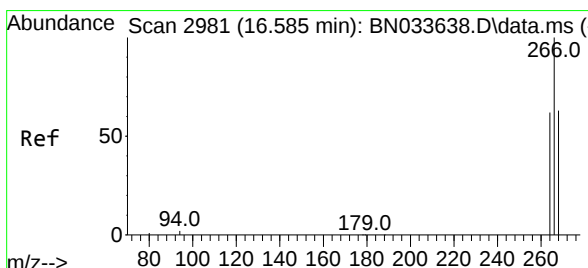
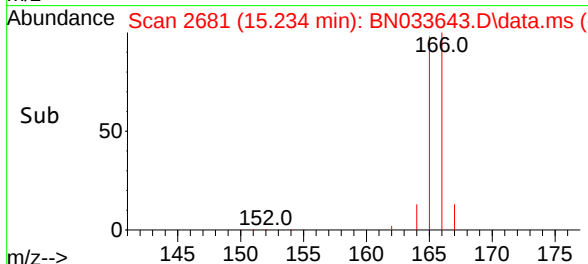
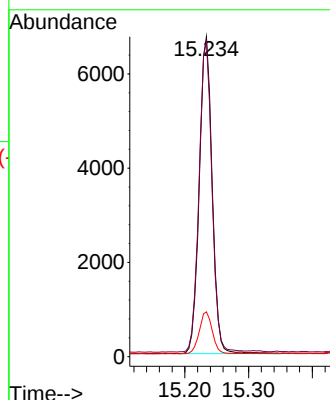
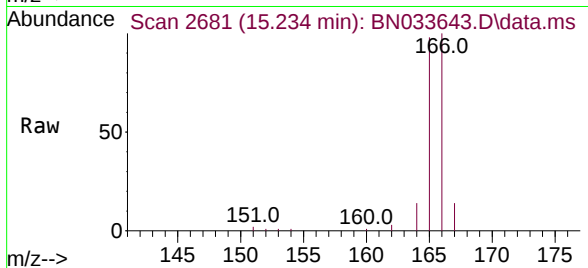
Tgt Ion:166 Resp: 9442

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

167 14.0 11.4 17.0



#14

Pentachlorophenol

Concen: 0.860 ng/ul

RT: 16.581 min Scan# 2980

Delta R.T. -0.003 min

Lab File: BN033643.D

Acq: 28 Aug 2024 13:32

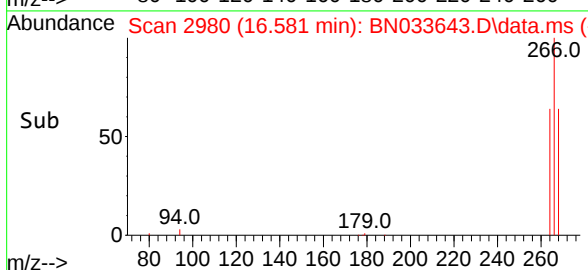
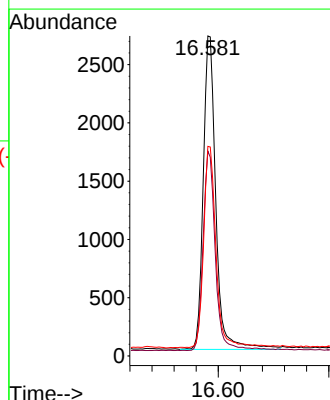
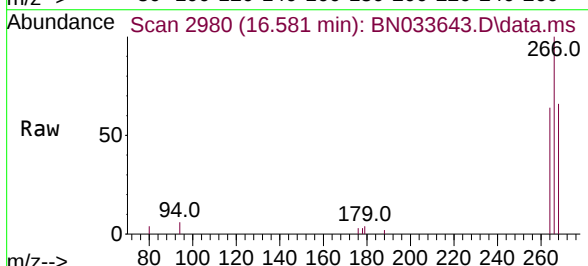
Tgt Ion:266 Resp: 4252

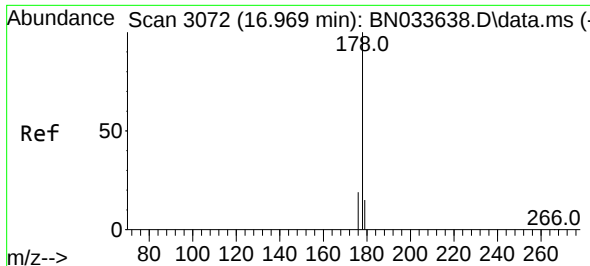
Ion Ratio Lower Upper

266 100

264 62.3 50.3 75.5

268 63.6 51.7 77.5

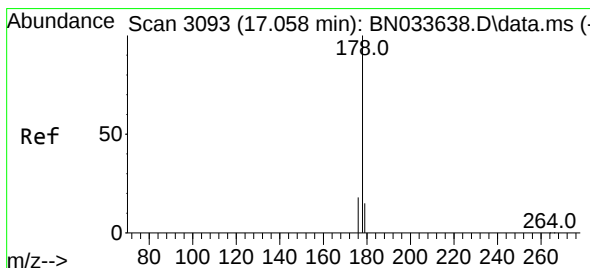
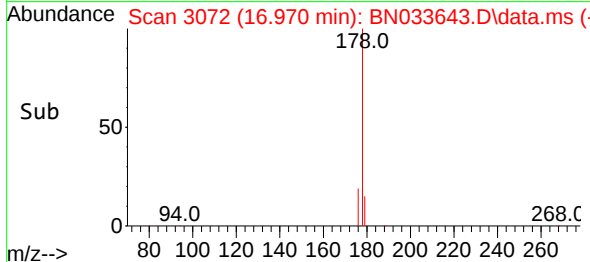
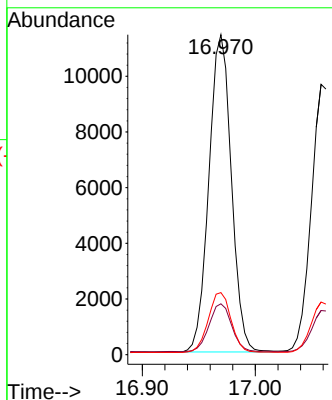
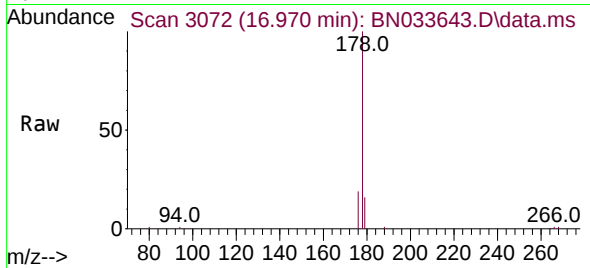




#15
Phenanthrene
Concen: 0.339 ng/u1
RT: 16.970 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

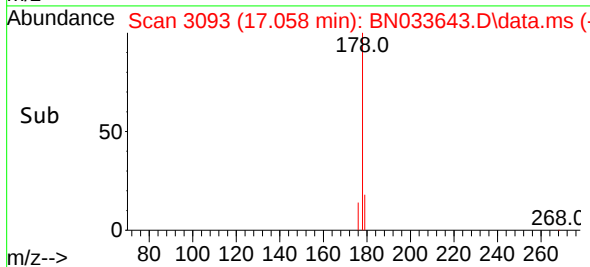
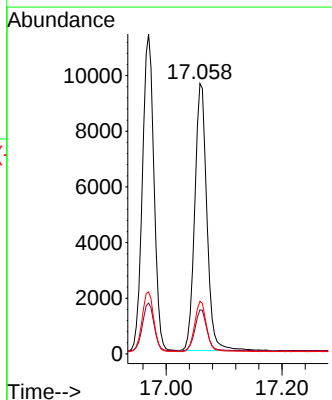
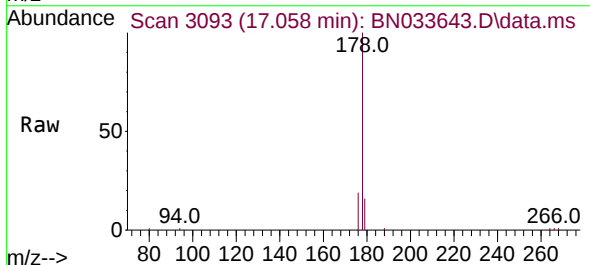
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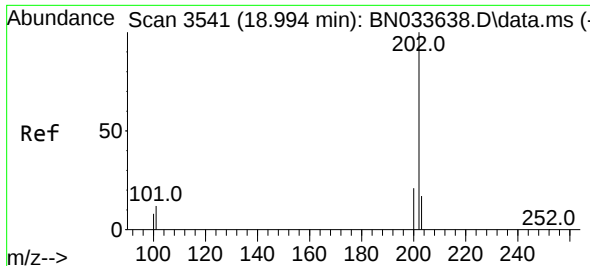
Tgt Ion:	178	Resp:	15732
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	19.4	15.7	23.5



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:	178	Resp:	13931
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.4
176	19.4	15.2	22.8

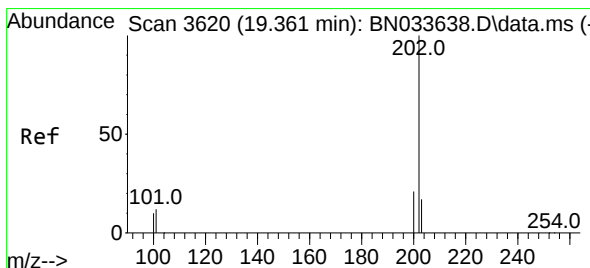
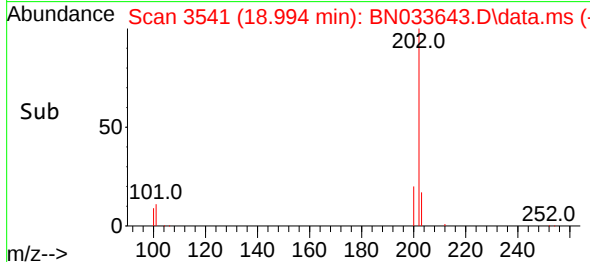
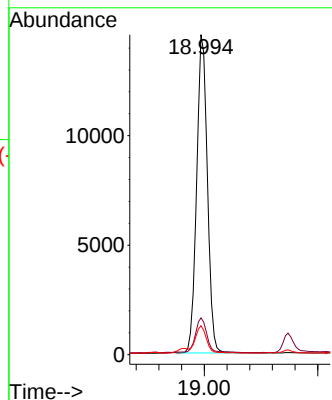
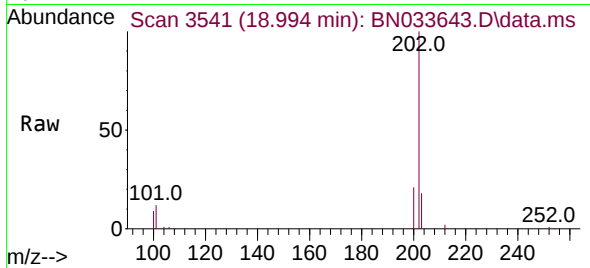




#19
Fluoranthene
Concen: 0.382 ng/u1
RT: 18.994 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

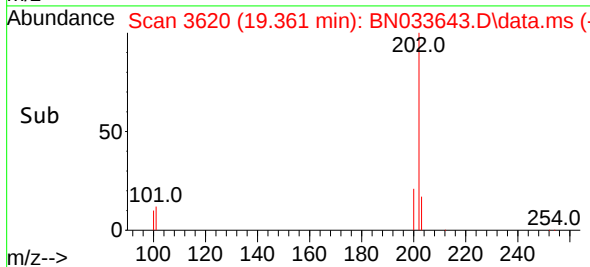
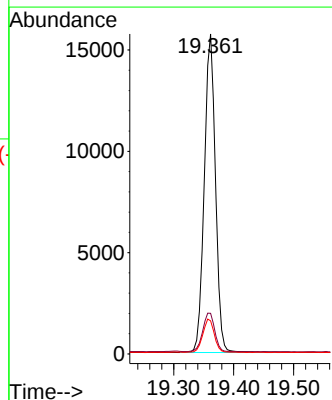
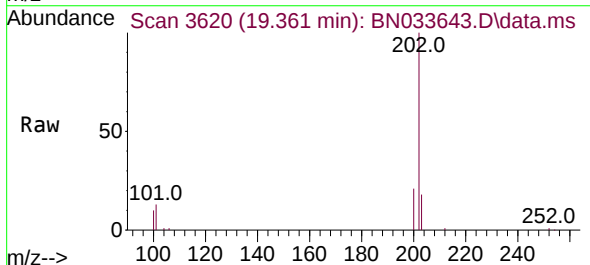
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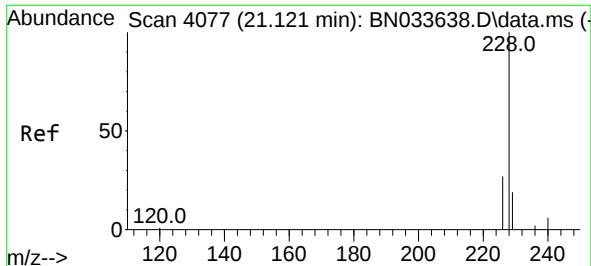
Tgt Ion:202 Resp: 19050
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
100 9.1 6.7 10.1



#20
Pyrene
Concen: 0.384 ng/u1
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:202 Resp: 20331
Ion Ratio Lower Upper
202 100
101 12.7 10.8 16.2
100 10.4 8.7 13.1

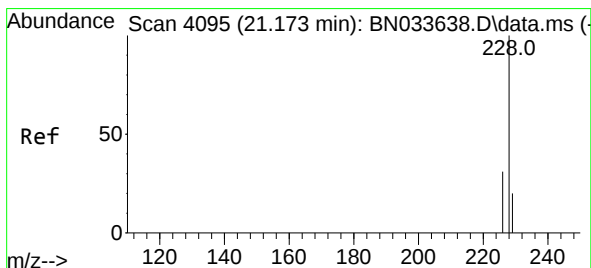
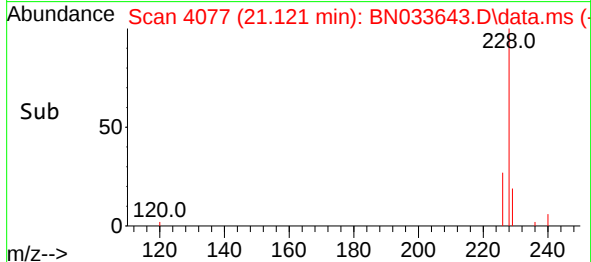
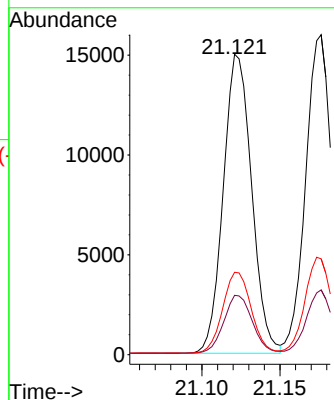
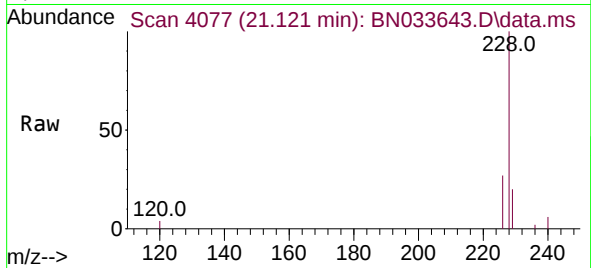




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.121 min Scan# 4077
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

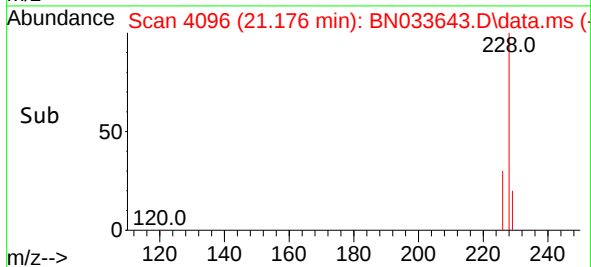
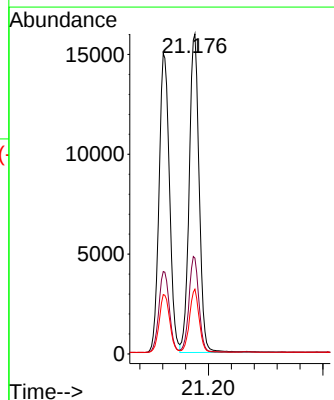
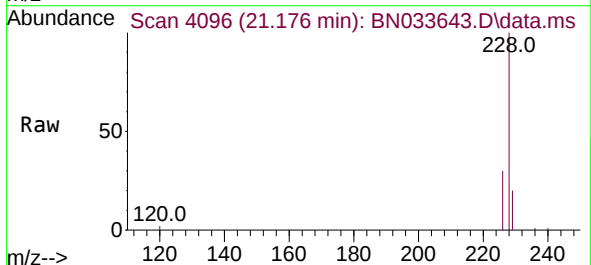
Instrument :
BNA_N
ClientSampleId :
E24A0MSD

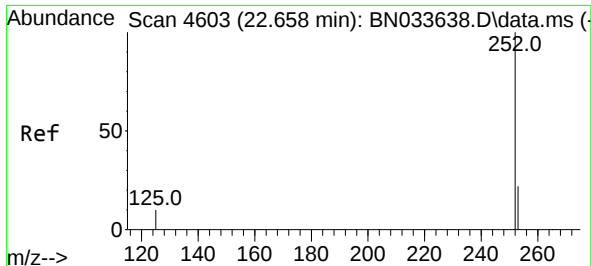
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Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.176 min Scan# 4096
Delta R.T. 0.004 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:228 Resp: 19280
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 20.3 15.6 23.4

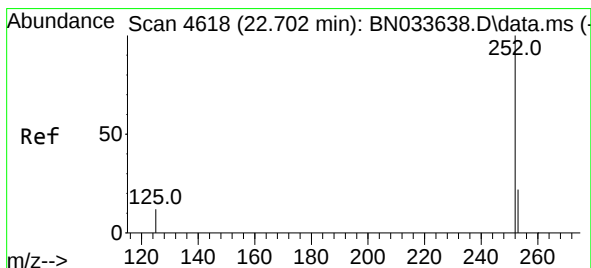
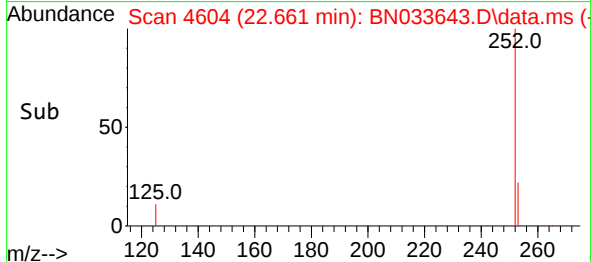
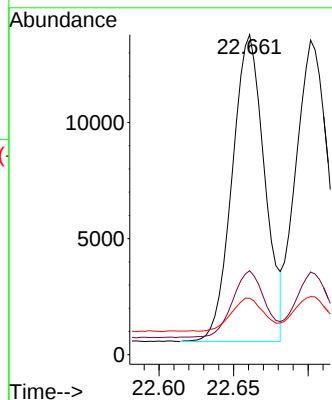
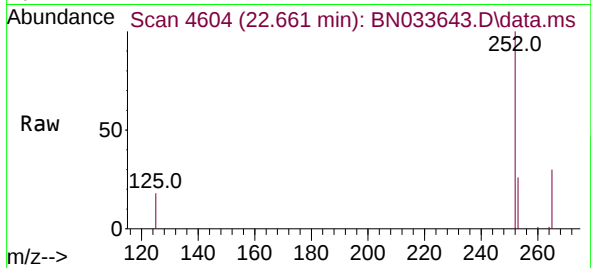




#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 22.661 min Scan# 4604
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

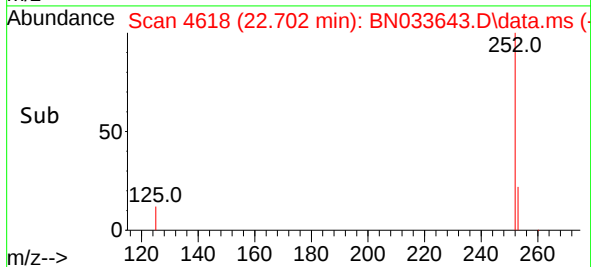
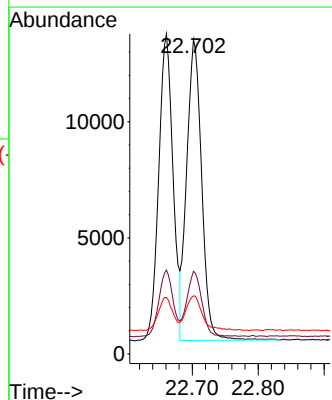
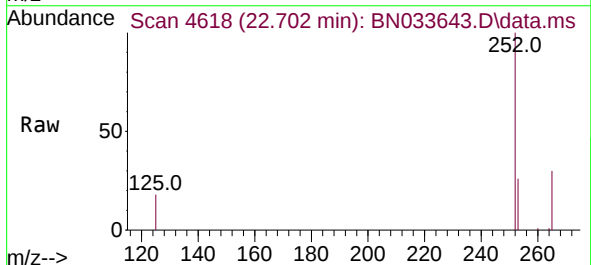
Instrument :
BNA_N
ClientSampleId :
E24A0MSD

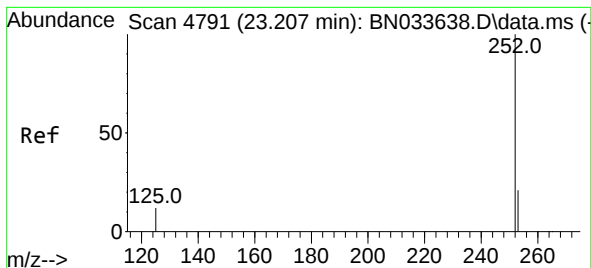
Tgt Ion:252 Resp: 20009
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.8
125 17.7 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:252 Resp: 20373
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.0
125 18.5 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 23.210 min Scan# 4791

Delta R.T. 0.004 min

Lab File: BN033643.D

Acq: 28 Aug 2024 13:32

Instrument :

BNA_N

ClientSampleId :

E24A0MSD

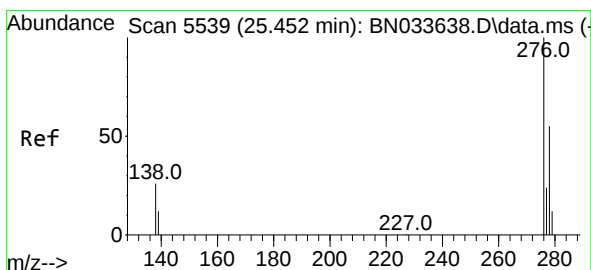
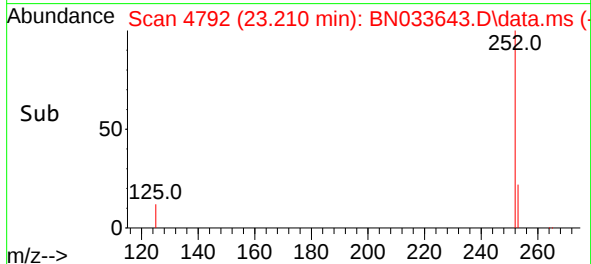
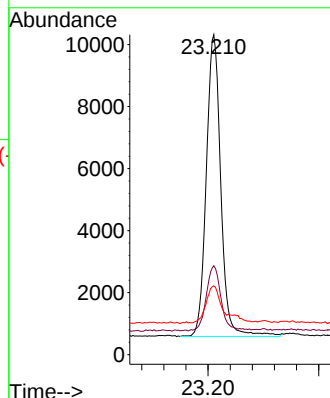
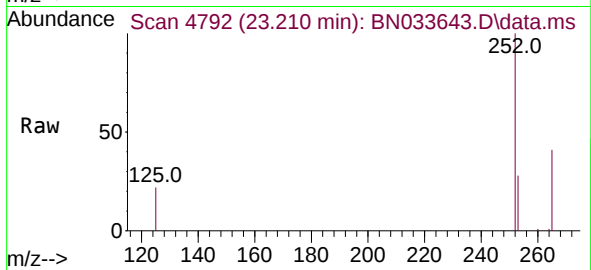
Tgt Ion:252 Resp: 17726

Ion Ratio Lower Upper

252 100

253 27.8 22.8 34.2

125 21.5 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng/ul

RT: 25.448 min Scan# 5538

Delta R.T. -0.002 min

Lab File: BN033643.D

Acq: 28 Aug 2024 13:32

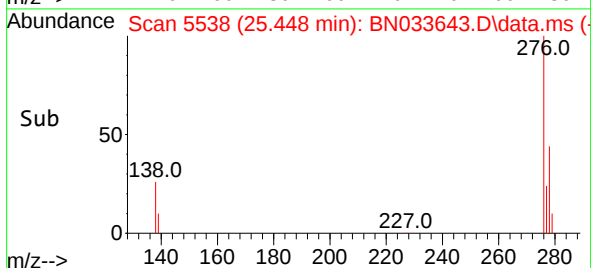
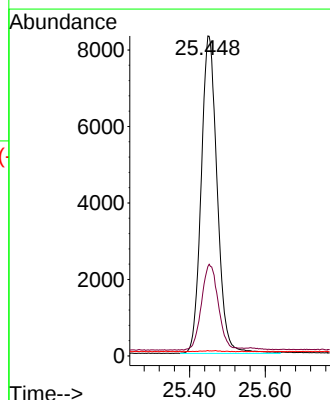
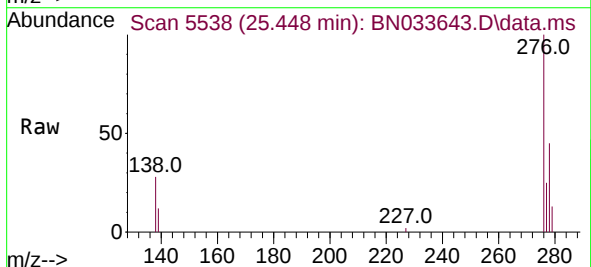
Tgt Ion:276 Resp: 24337

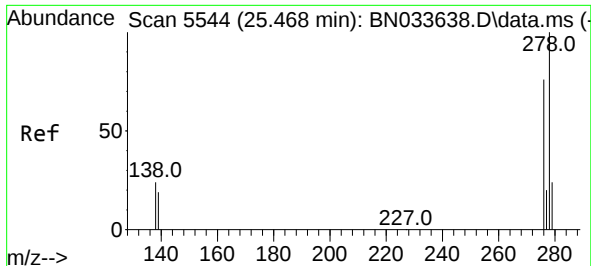
Ion Ratio Lower Upper

276 100

138 29.2 22.3 33.5

227 0.1 0.2 0.4



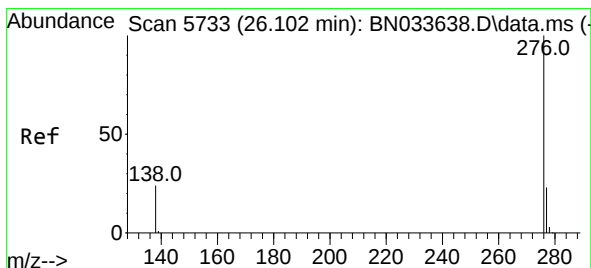
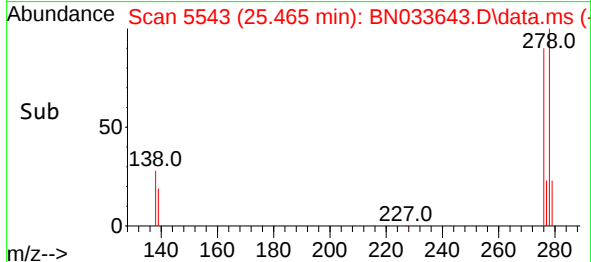
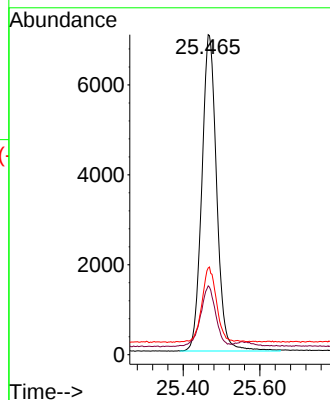
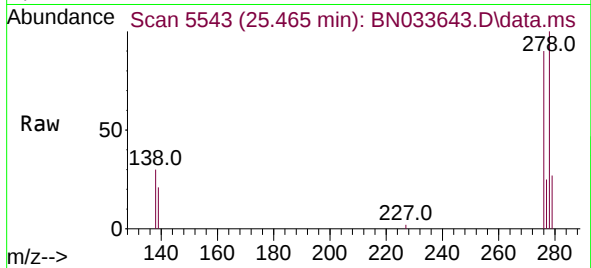


#28
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 25.465 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Instrument :
BNA_N
ClientSampleId :
E24A0MSD

Tgt Ion:278 Resp: 19021

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.3	25.9
279	27.1	21.5	32.3



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.102 min Scan# 5733
Delta R.T. 0.005 min
Lab File: BN033643.D
Acq: 28 Aug 2024 13:32

Tgt Ion:276 Resp: 19130

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.8	31.2
277	25.4	20.2	30.4

