

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
 Data File : BN033642.D
 Acq On : 28 Aug 2024 12:56
 Operator : MA/JU
 Sample : P3711-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

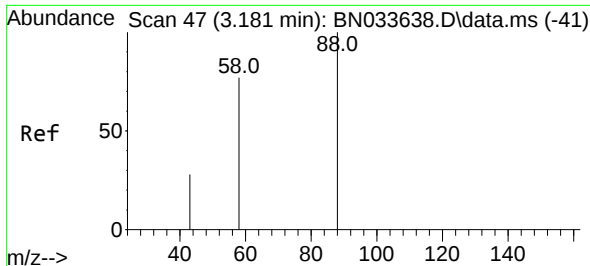
Instrument :
 BNA_N
 ClientSampleId :
 E24A0MS

Quant Time: Aug 28 15:06:29 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)

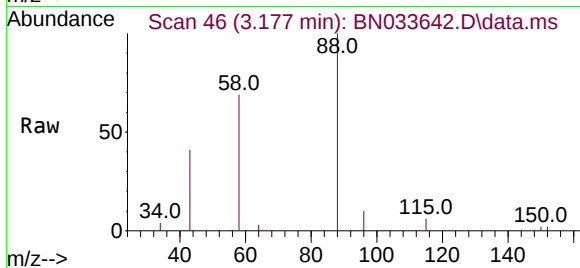
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	5118	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	14095	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.175	164	7099	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	15108	0.400	ng/ul	0.00
17) Chrysene-d12	21.139	240	12489	0.400	ng/ul	0.00
23) Perylene-d12	23.301	264	13673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	1652	0.314	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	6798	0.336	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	16957	0.455	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	5026	0.861	ng/ul#	87
5) Naphthalene	10.349	128	11652	0.309	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	7219	0.302	ng/ul	99
8) 1-Methylnaphthalene	12.191	142	8684	0.354	ng/ul	99
10) Acenaphthylene	13.892	152	10318	0.320	ng/ul	100
11) Acenaphthene	14.239	153	8115	0.349	ng/ul	98
12) Fluorene	15.234	166	9250	0.356	ng/ul	99
14) Pentachlorophenol	16.581	266	4087	0.860	ng/ul	99
15) Phenanthrene	16.970	178	15707	0.352	ng/ul	100
16) Anthracene	17.058	178	13832	0.345	ng/ul	99
19) Fluoranthene	18.994	202	19121	0.388	ng/ul	98
20) Pyrene	19.361	202	20399	0.390	ng/ul	98
21) Benzo(a)anthracene	21.121	228	19063	0.388	ng/ul	99
22) Chrysene	21.174	228	19414	0.391	ng/ul	99
24) Benzo(b)fluoranthene	22.658	252	19989	0.377	ng/ul	100
25) Benzo(k)fluoranthene	22.702	252	20300	0.382	ng/ul	99
26) Benzo(a)pyrene	23.208	252	17343	0.407	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.448	276	24124	0.377	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.465	278	18872	0.380	ng/ul	99
29) Benzo(g,h,i)perylene	26.099	276	18981	0.379	ng/ul	99

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



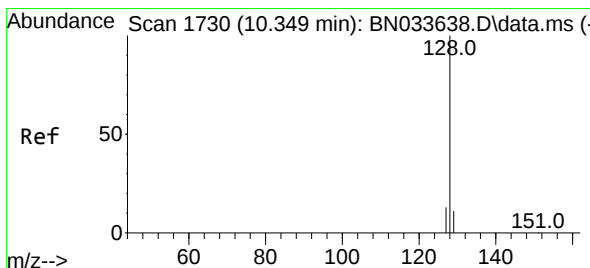
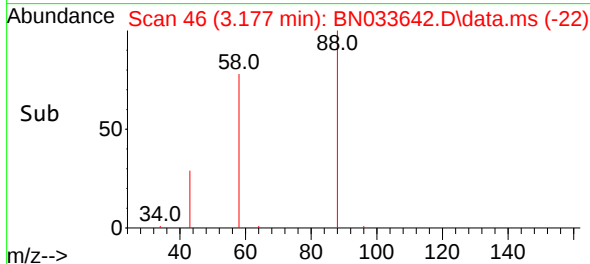
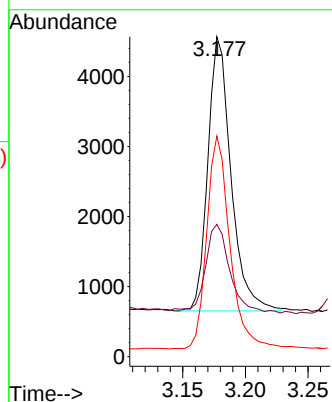
#2
1,4-Dioxane
Concen: 0.861 ng/ul
RT: 3.177 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Instrument :
BNA_N
ClientSampleId :
E24A0MS



Tgt Ion: 88 Resp: 5026

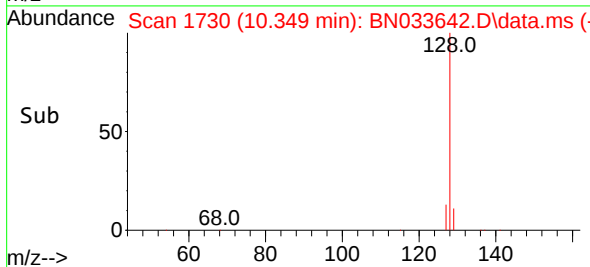
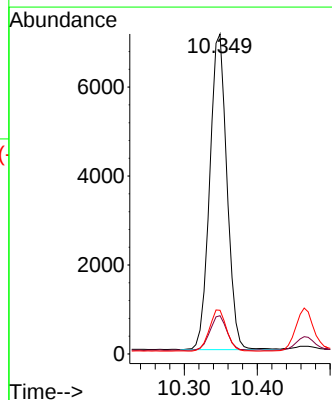
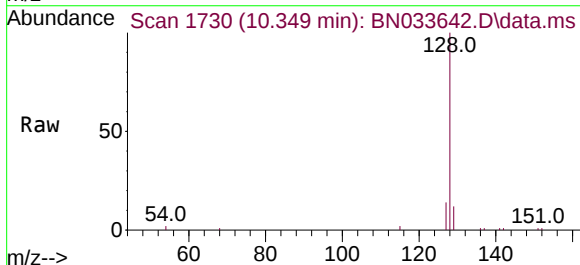
Ion	Ratio	Lower	Upper
88	100		
43	41.3	47.0	70.4#
58	68.9	53.0	79.4

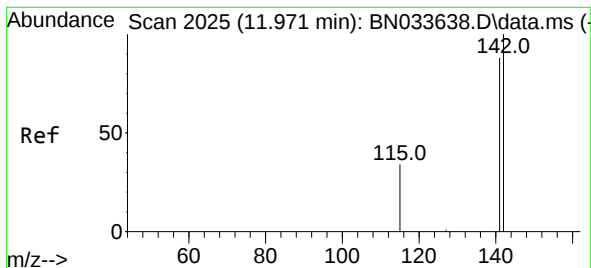


#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion: 128 Resp: 11652

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.6	10.8	16.2

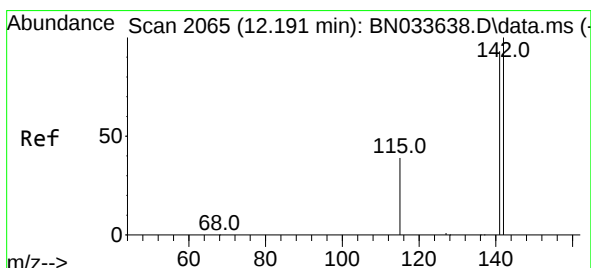
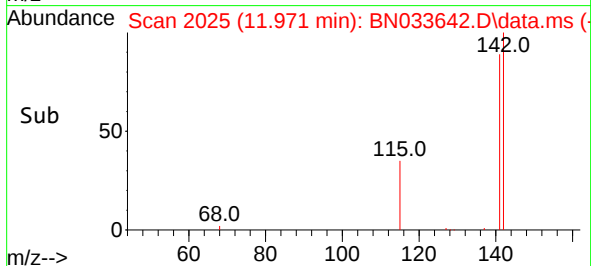
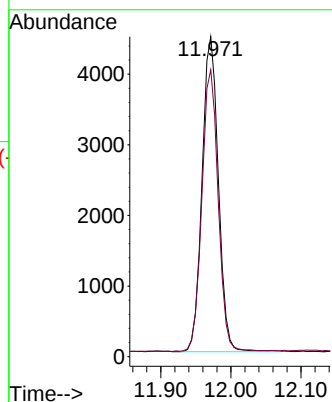
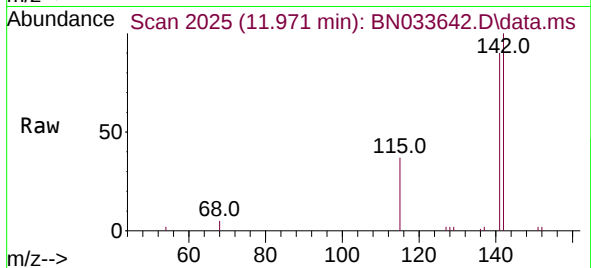




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

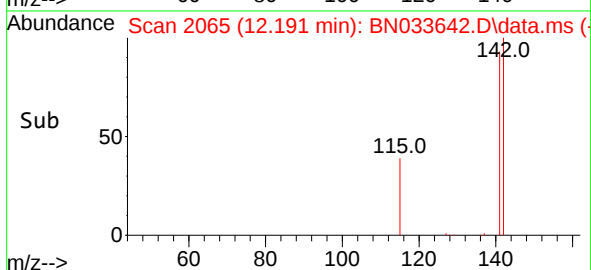
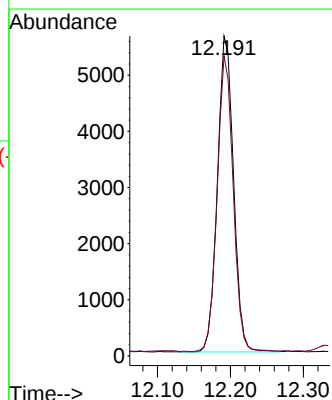
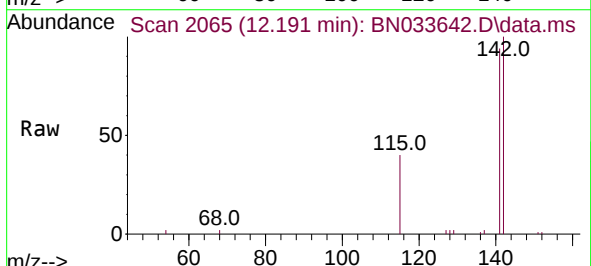
Instrument :
BNA_N
ClientSampleId :
E24A0MS

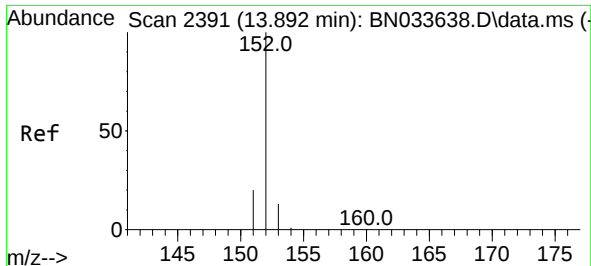
Tgt Ion:142 Resp: 7219
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion:142 Resp: 8684
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4

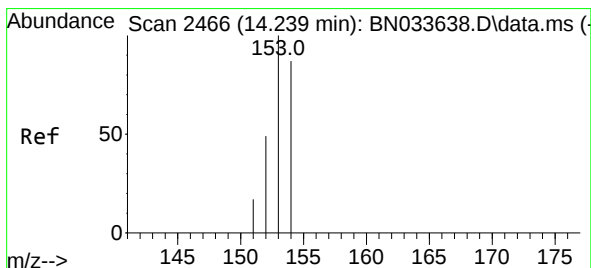
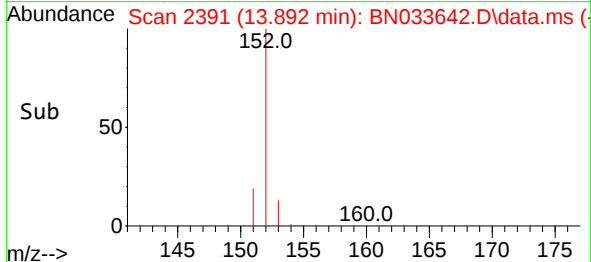
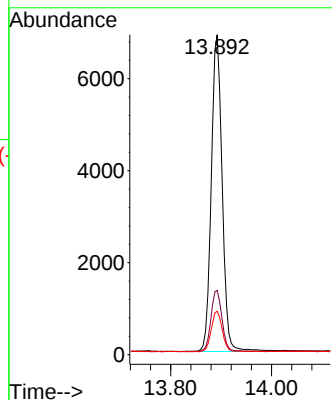
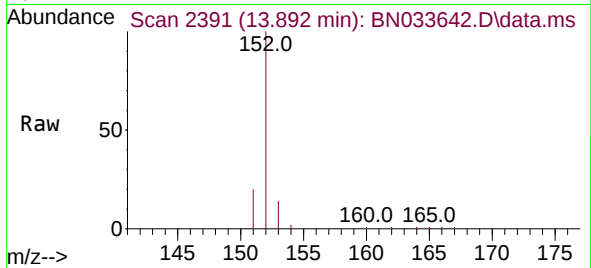




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

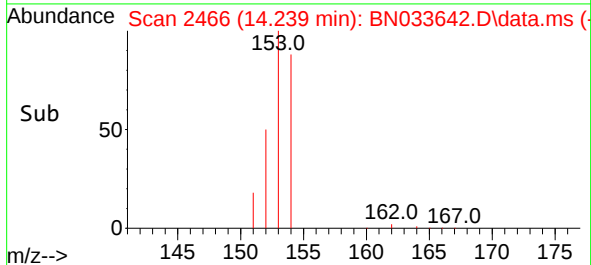
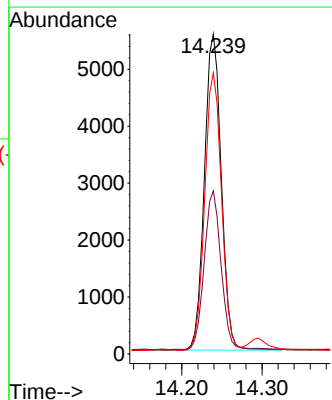
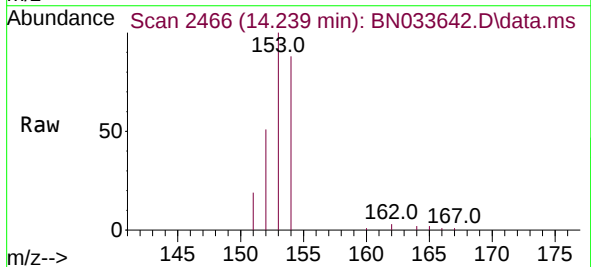
Instrument :
BNA_N
ClientSampleId :
E24A0MS

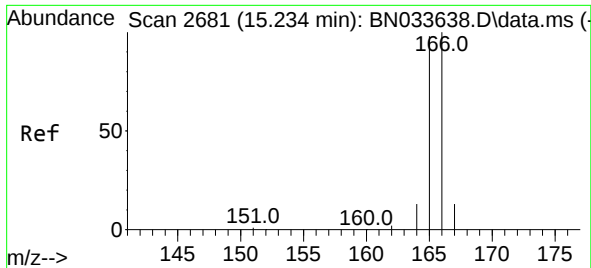
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.6	10.8	16.2



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.8	59.8
154	87.9	69.0	103.6

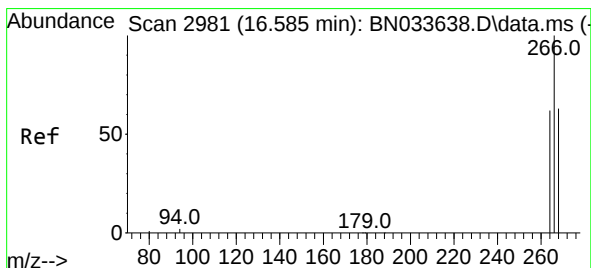
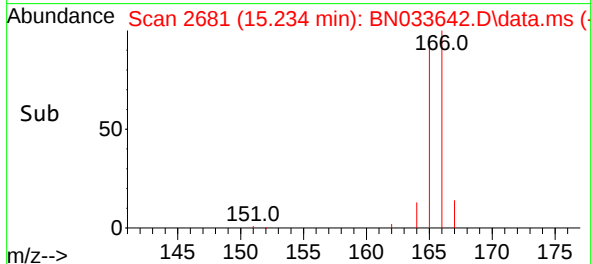
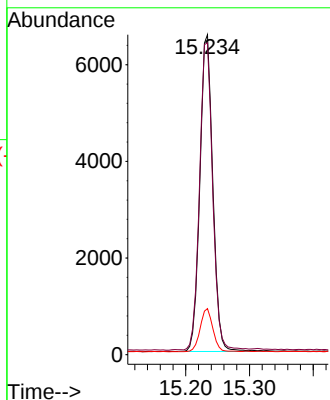
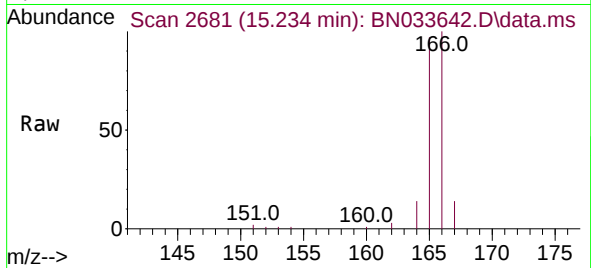




#12
 Fluorene
 Concen: 0.356 ng/ul
 RT: 15.234 min Scan# 2080
 Delta R.T. 0.001 min
 Lab File: BN033642.D
 Acq: 28 Aug 2024 12:56

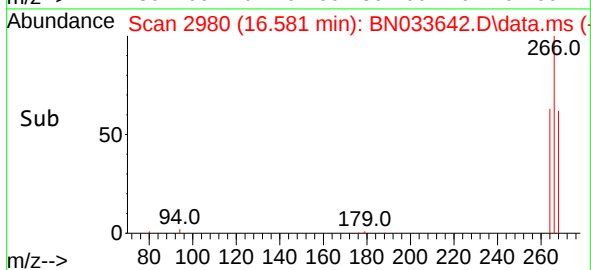
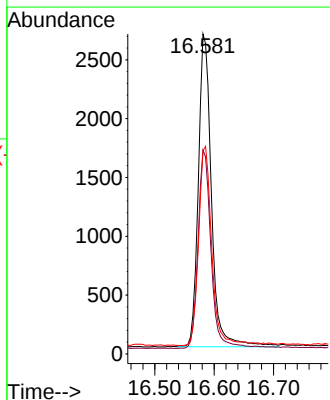
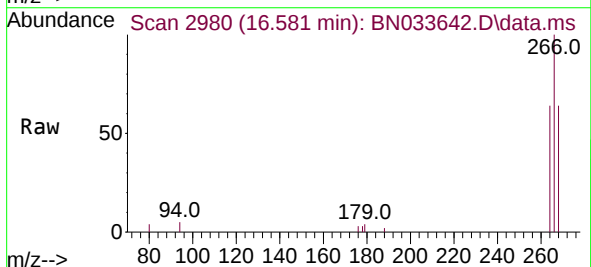
Instrument :
 BNA_N
 ClientSampleId :
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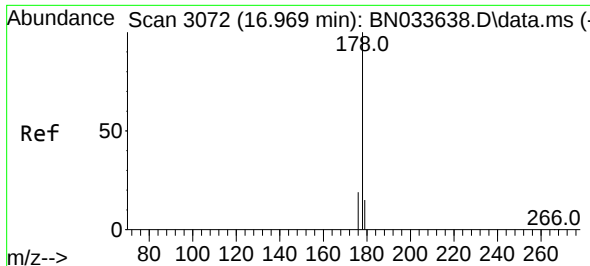
Tgt Ion:166 Resp: 9250
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.1 118.7
 167 14.4 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.860 ng/ul
 RT: 16.581 min Scan# 2980
 Delta R.T. -0.003 min
 Lab File: BN033642.D
 Acq: 28 Aug 2024 12:56

Tgt Ion:266 Resp: 4087
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.3 75.5
 268 64.1 51.7 77.5

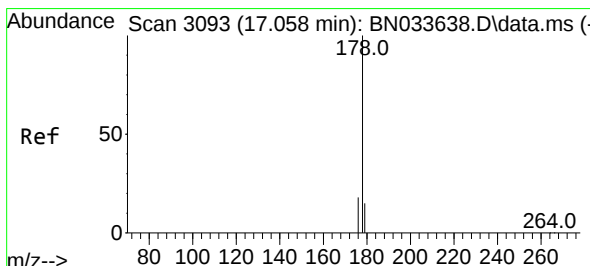
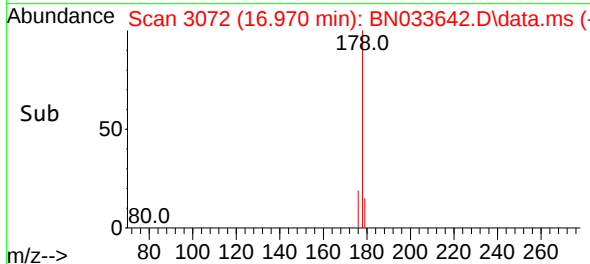
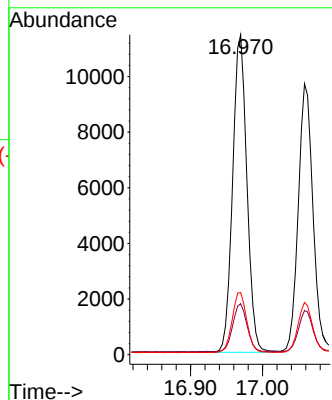
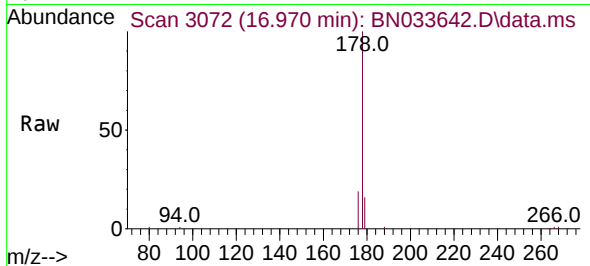




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 16.970 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

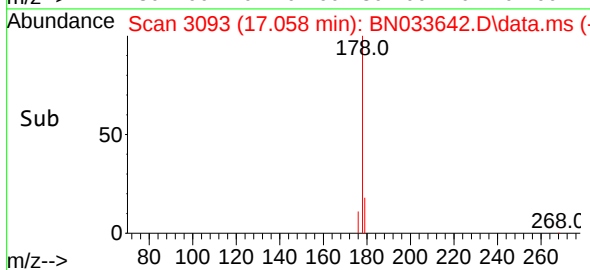
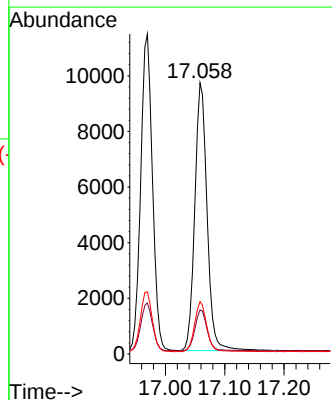
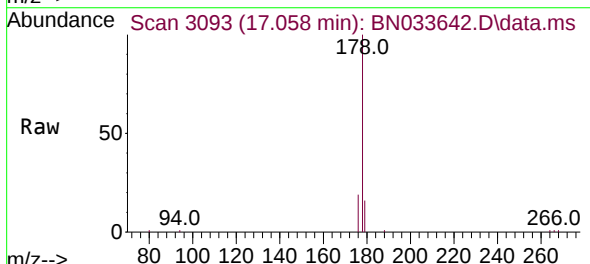
Instrument :
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ClientSampleId :
E24A0MS

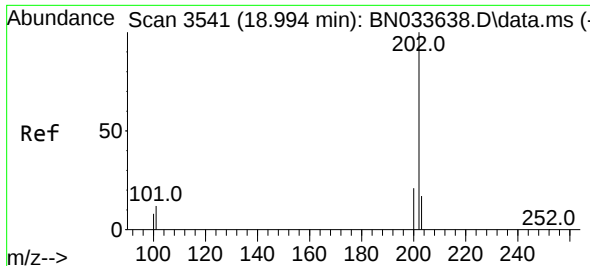
Tgt Ion:	178	Resp:	15707
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	19.4	15.7	23.5



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion:	178	Resp:	13832
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.0	19.4
176	19.3	15.2	22.8

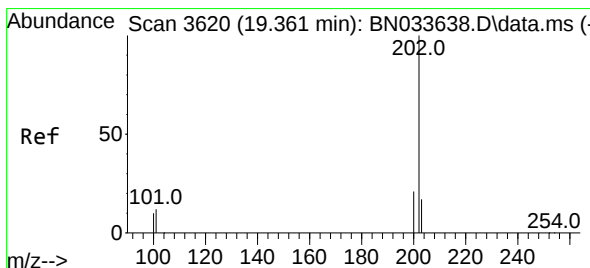
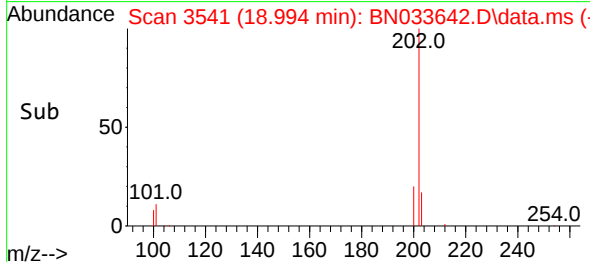
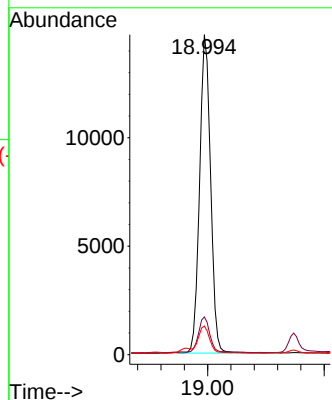
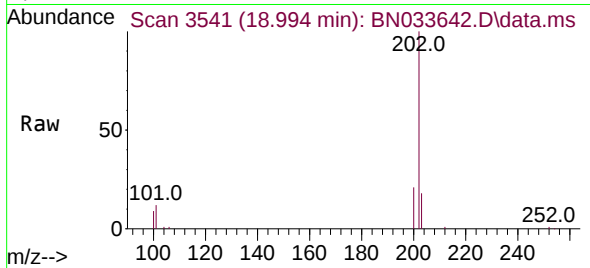




#19
Fluoranthene
Concen: 0.388 ng/u1
RT: 18.994 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

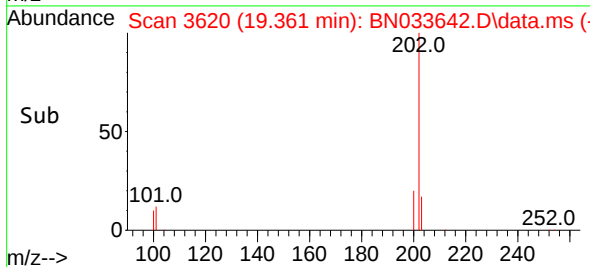
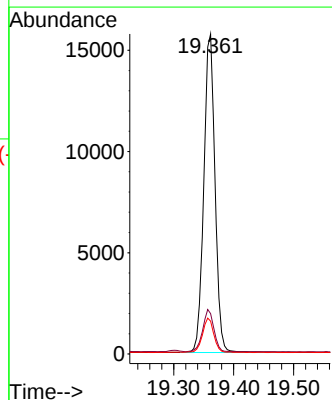
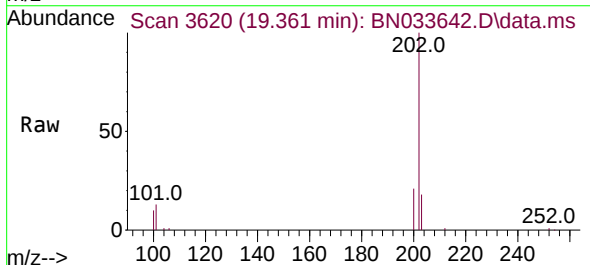
Instrument :
BNA_N
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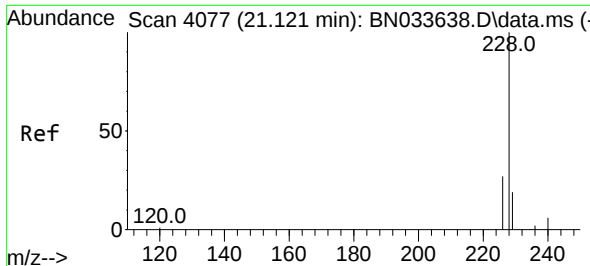
Tgt Ion:202 Resp: 19121
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
100 9.0 6.7 10.1



#20
Pyrene
Concen: 0.390 ng/u1
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion:202 Resp: 20399
Ion Ratio Lower Upper
202 100
101 12.6 10.8 16.2
100 10.2 8.7 13.1

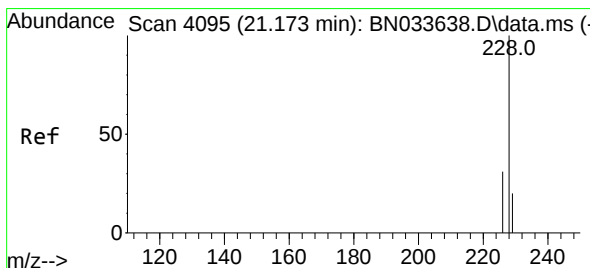
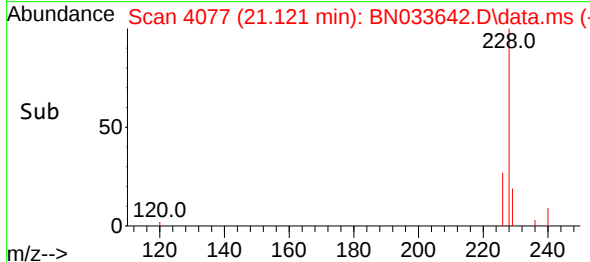
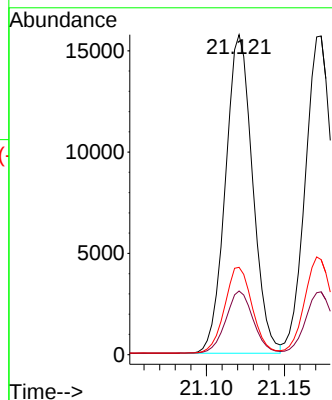
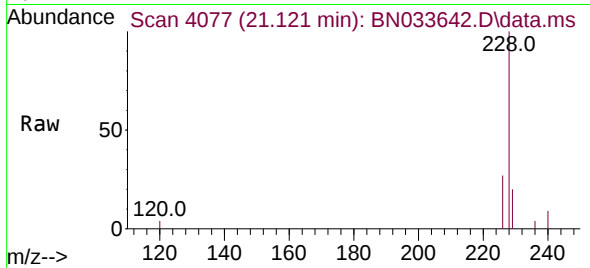




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.121 min Scan# 4077
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

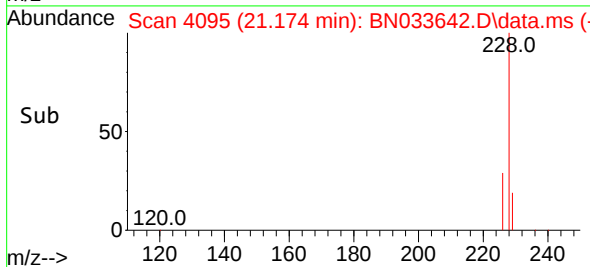
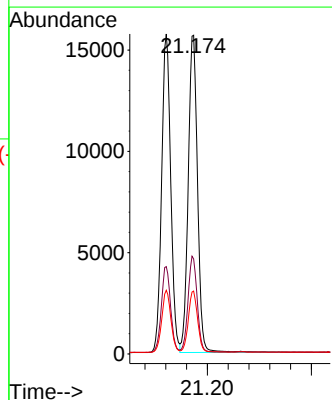
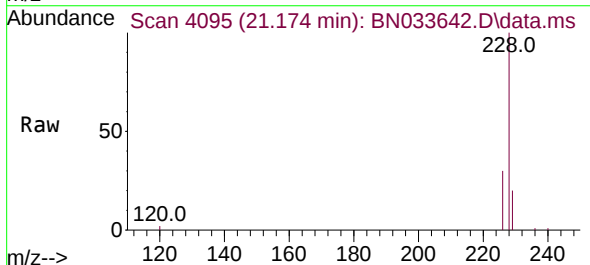
Instrument :
BNA_N
ClientSampleId :
E24A0MS

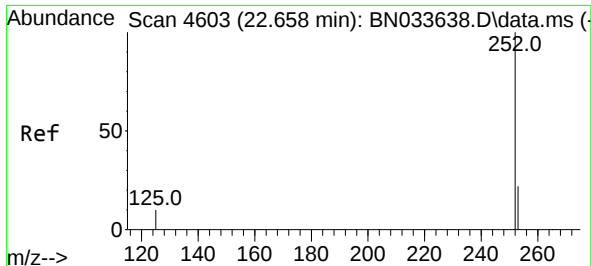
Tgt Ion:228 Resp: 19063
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.174 min Scan# 4095
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion:228 Resp: 19414
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.7 15.6 23.4

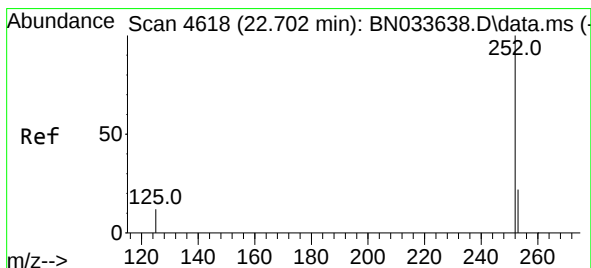
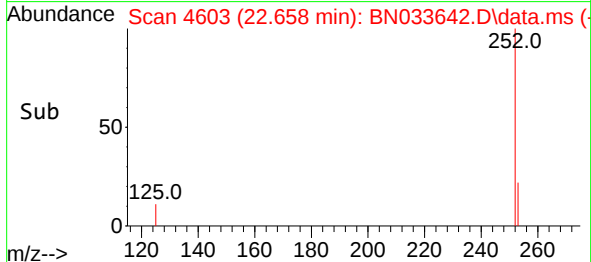
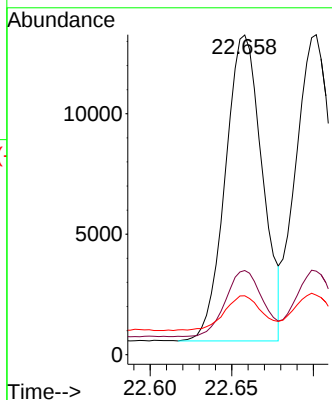
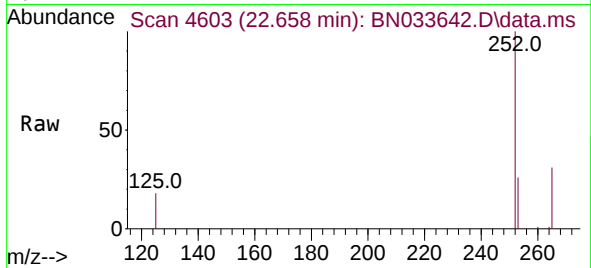




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. -0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

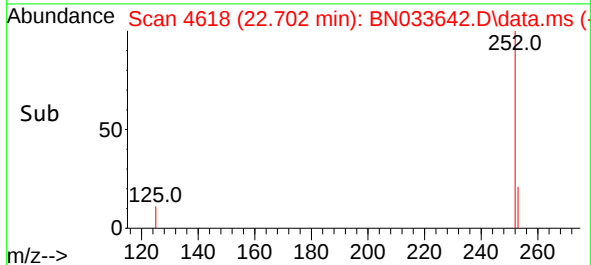
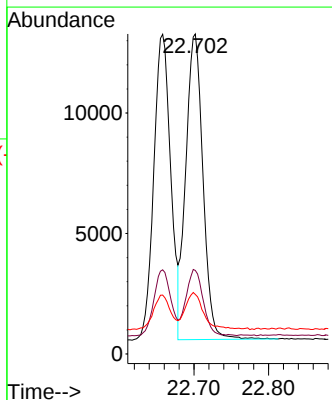
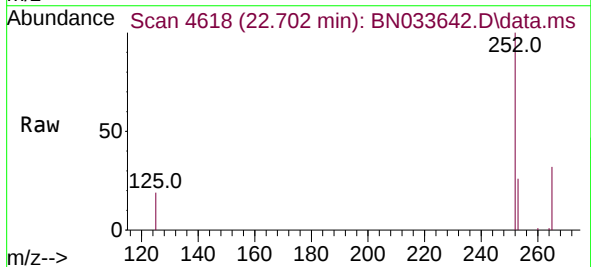
Instrument :
BNA_N
ClientSampleId :
E24A0MS

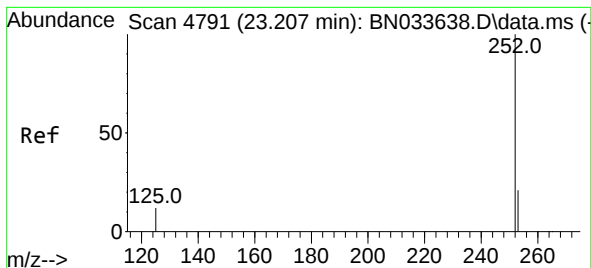
Tgt Ion:252 Resp: 19989
Ion Ratio Lower Upper
252 100
253 26.3 0.0 52.8
125 18.4 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion:252 Resp: 20300
Ion Ratio Lower Upper
252 100
253 26.1 21.4 32.0
125 18.6 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.208 min Scan# 4791

Delta R.T. 0.001 min

Lab File: BN033642.D

Acq: 28 Aug 2024 12:56

Instrument :

BNA_N

ClientSampleId :

E24A0MS

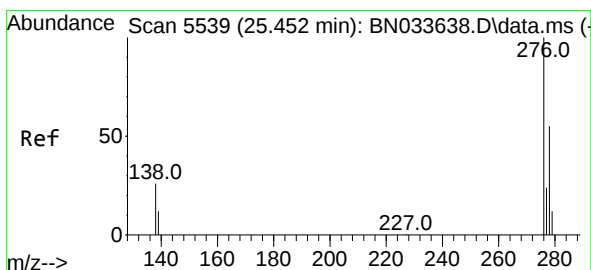
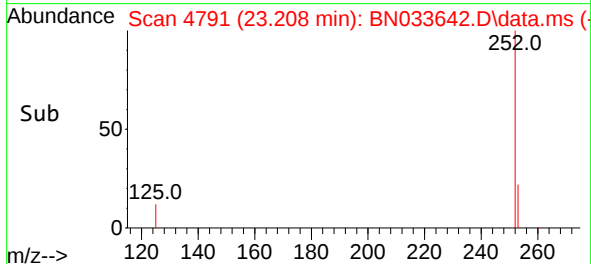
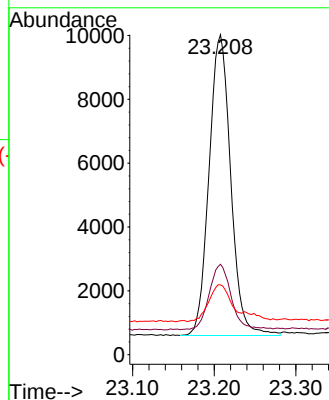
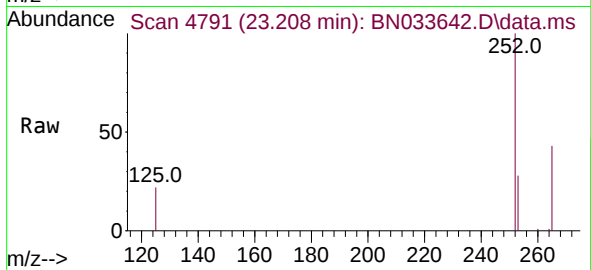
Tgt Ion:252 Resp: 17343

Ion Ratio Lower Upper

252 100

253 28.2 22.8 34.2

125 21.8 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

RT: 25.448 min Scan# 5538

Delta R.T. -0.002 min

Lab File: BN033642.D

Acq: 28 Aug 2024 12:56

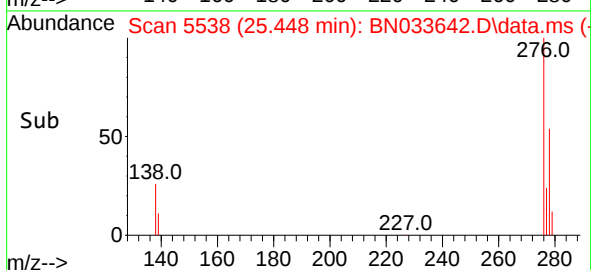
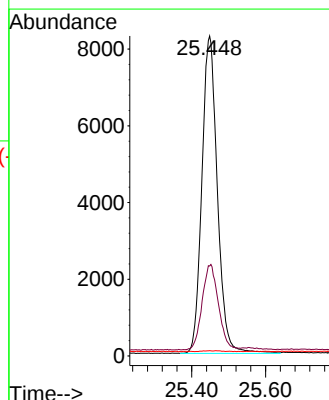
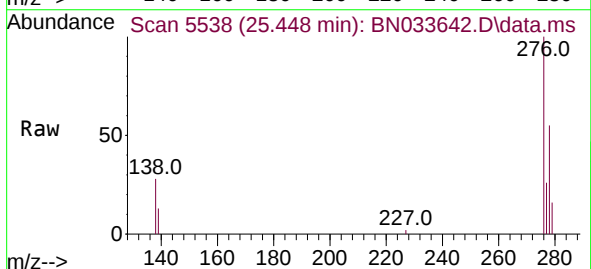
Tgt Ion:276 Resp: 24124

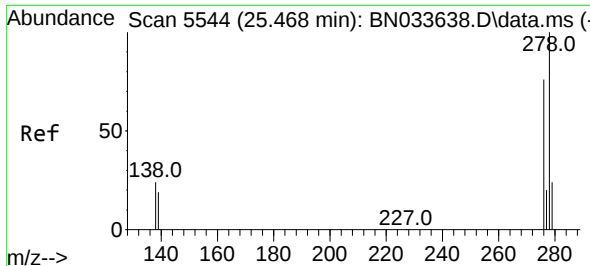
Ion Ratio Lower Upper

276 100

138 28.6 22.3 33.5

227 0.2 0.2 0.4

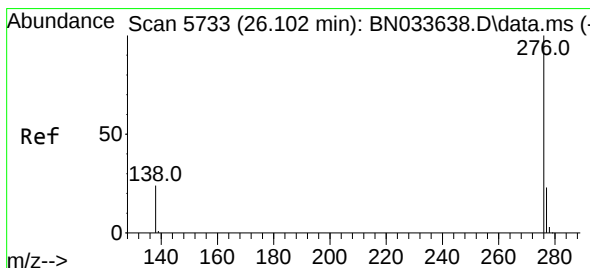
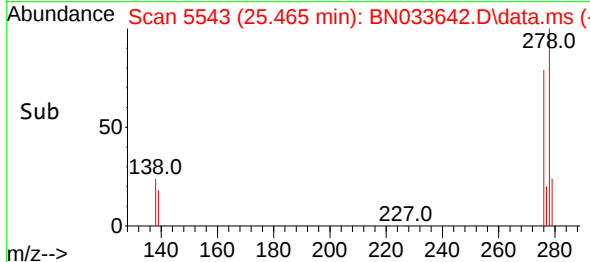
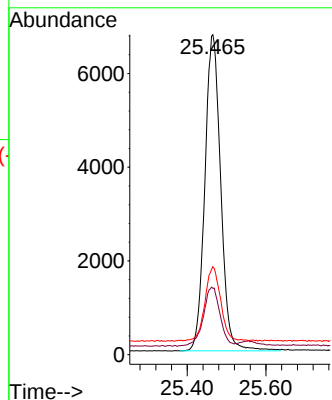
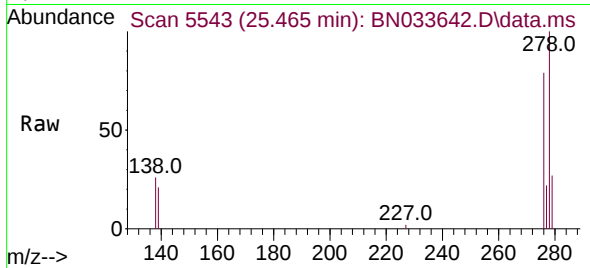




#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.465 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Instrument :
BNA_N
ClientSampleId :
E24A0MS

Tgt Ion:278 Resp: 18872
Ion Ratio Lower Upper
278 100
139 20.7 17.3 25.9
279 27.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.099 min Scan# 5732
Delta R.T. 0.001 min
Lab File: BN033642.D
Acq: 28 Aug 2024 12:56

Tgt Ion:276 Resp: 18981
Ion Ratio Lower Upper
276 100
138 26.5 20.8 31.2
277 24.8 20.2 30.4

