

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025034.D
 Acq On : 20 Apr 2023 14:26
 Operator : CG/JU
 Sample : 02296-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

Quant Time: Apr 21 04:19:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

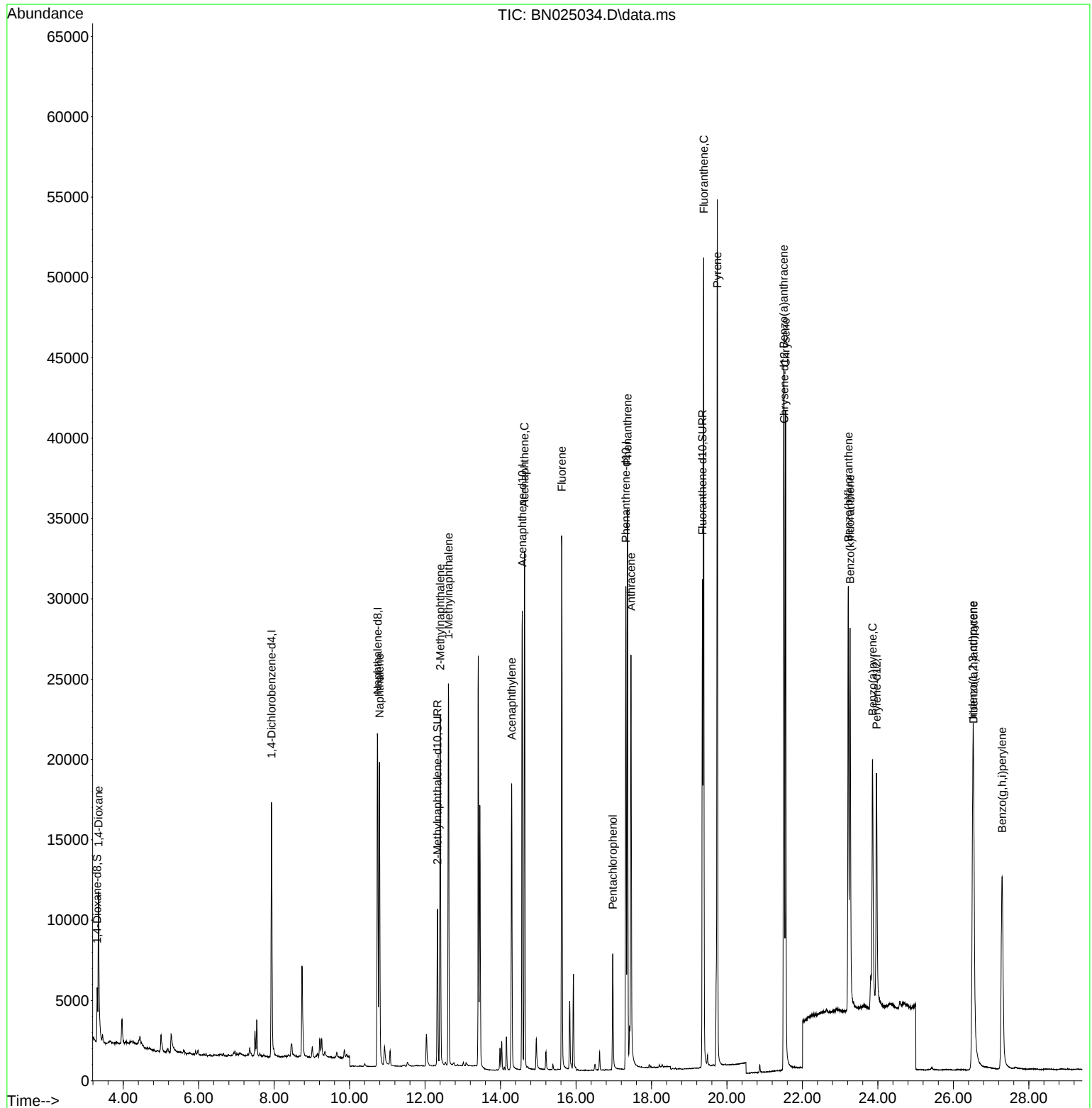
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	8876	0.400	ng/u1	0.00
4) Naphthalene-d8	10.743	136	27904	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.575	164	15877	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.322	188	34645	0.400	ng/u1	0.00
17) Chrysene-d12	21.517	240	25510	0.400	ng/u1	0.00
23) Perylene-d12	23.964	264	20627	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	2261	0.246	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.327	152	12787	0.357	ng/u1	0.00
18) Fluoranthene-d10	19.350	212	32402	0.482	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	6477	0.654	ng/u1	88
5) Naphthalene	10.792	128	27215	0.381	ng/u1	100
7) 2-Methylnaphthalene	12.404	142	15838	0.362	ng/u1	100
8) 1-Methylnaphthalene	12.618	142	16419	0.352	ng/u1	100
10) Acenaphthylene	14.293	152	21682	0.367	ng/u1	99
11) Acenaphthene	14.635	153	18590	0.373	ng/u1	99
12) Fluorene	15.620	166	21248	0.381	ng/u1	99
14) Pentachlorophenol	16.975	266	5212	0.766	ng/u1	100
15) Phenanthrene	17.364	178	37702	0.386	ng/u1	100
16) Anthracene	17.457	178	30329	0.379	ng/u1	100
19) Fluoranthene	19.382	202	43998	0.477	ng/u1	100
20) Pyrene	19.745	202	45003	0.475	ng/u1	100
21) Benzo(a)anthracene	21.503	228	34204	0.445	ng/u1	100
22) Chrysene	21.555	228	37571	0.448	ng/u1	99
24) Benzo(b)fluoranthene	23.215	252	34112	0.408	ng/u1	98
25) Benzo(k)fluoranthene	23.262	252	33855	0.421	ng/u1	99
26) Benzo(a)pyrene	23.859	252	26293	0.380	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.514	276	32566	0.408	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.537	278	25678	0.412	ng/u1	98
29) Benzo(g,h,i)perylene	27.292	276	28726	0.423	ng/u1	99

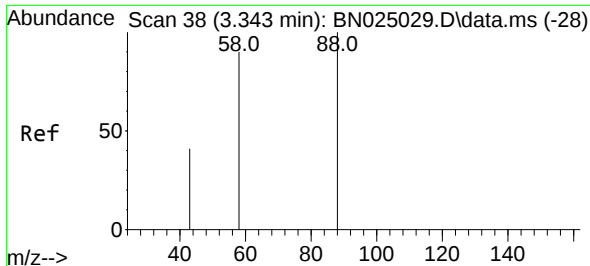
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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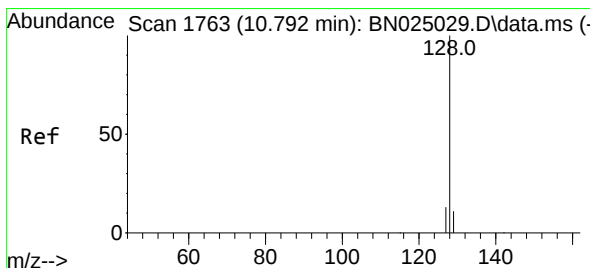
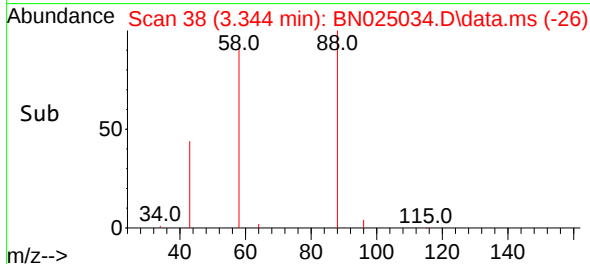
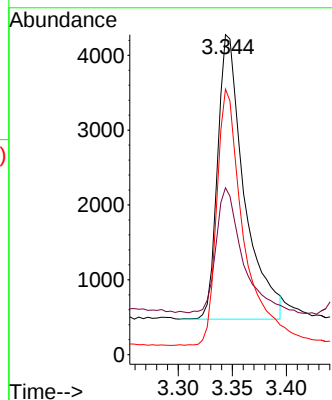
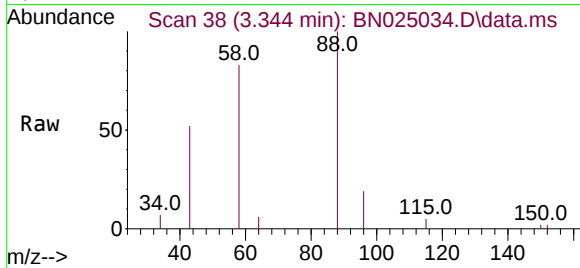


#2
 1,4-Dioxane
 Concen: 0.654 ng/ul
 RT: 3.344 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: BN025034.D
 Acq: 20 Apr 2023 14:26

Instrument :
 BNA_N
 ClientSampleId :
 DCBL6MSD

Tgt Ion: 88 Resp: 6477

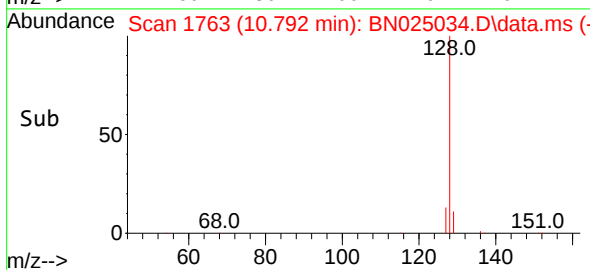
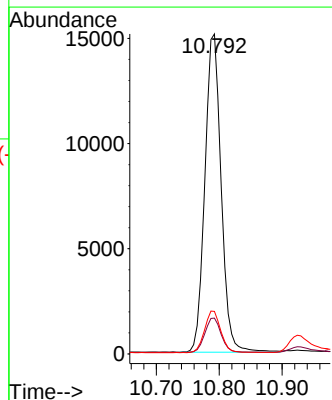
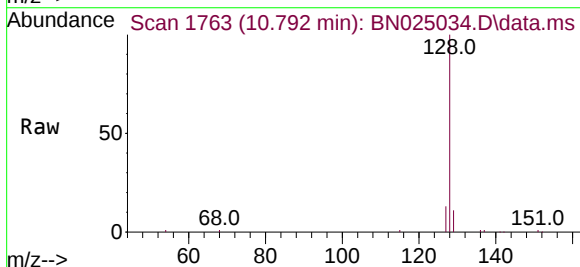
Ion	Ratio	Lower	Upper
88	100		
43	52.1	37.0	55.4
58	83.0	56.9	85.3

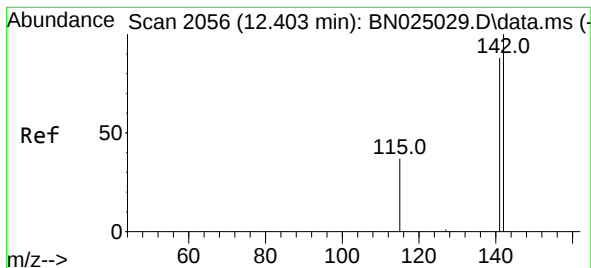


#5
 Naphthalene
 Concen: 0.381 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025034.D
 Acq: 20 Apr 2023 14:26

Tgt Ion: 128 Resp: 27215

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.7	16.1

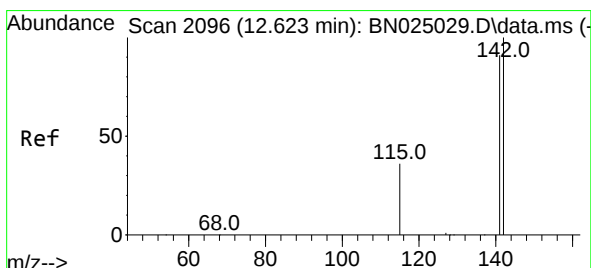
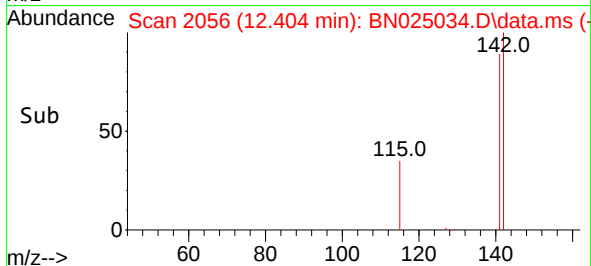
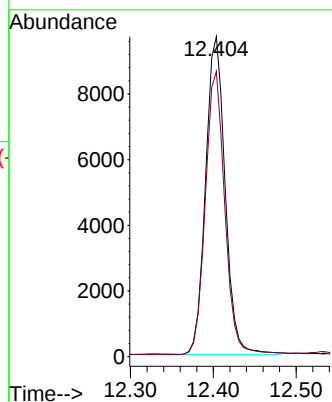
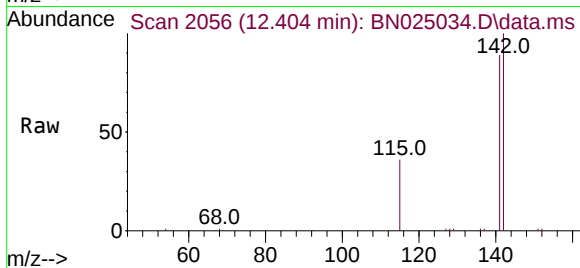




#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.404 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

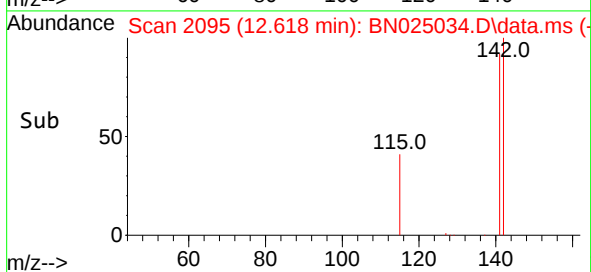
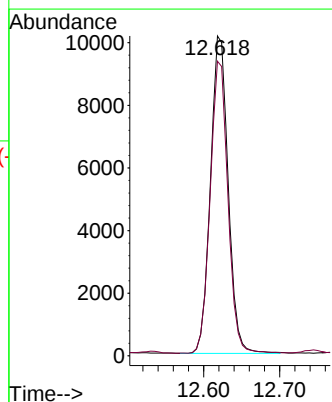
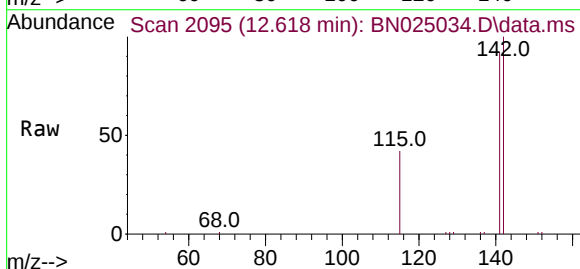
Instrument :
BNA_N
ClientSampleId :
DCBL6MSD

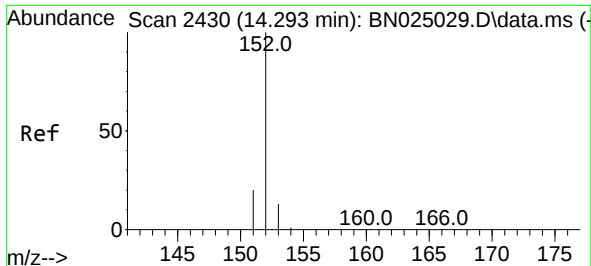
Tgt Ion:142 Resp: 15838
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:142 Resp: 16419
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

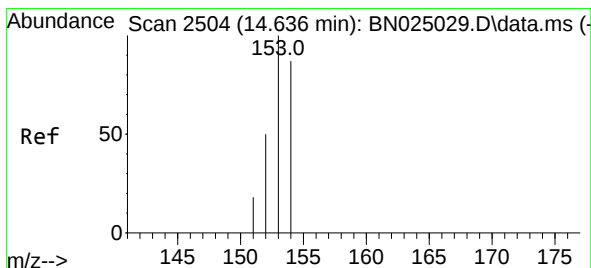
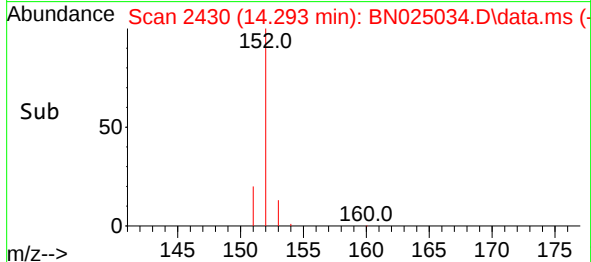
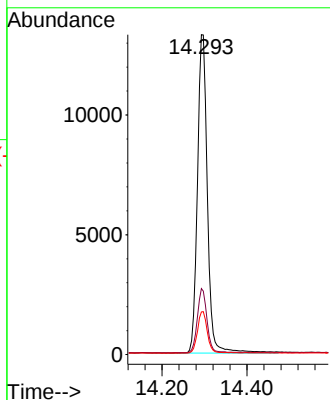
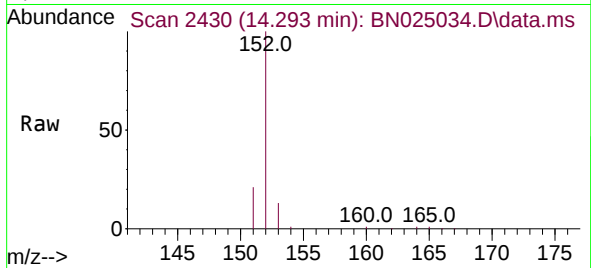




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

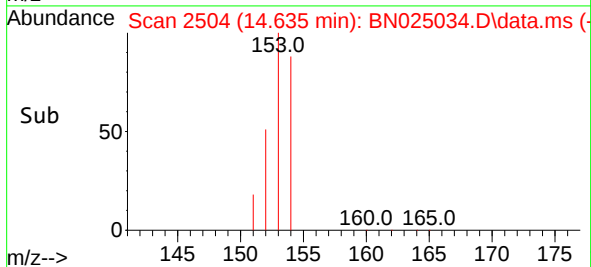
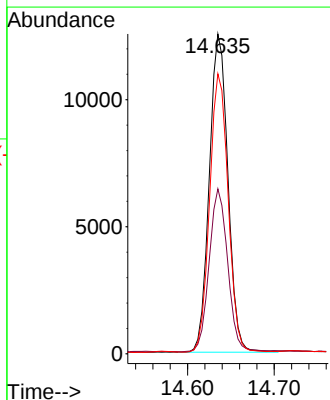
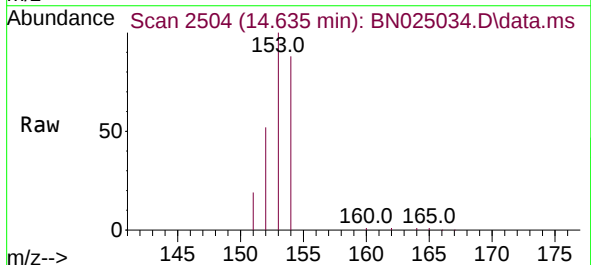
Instrument :
BNA_N
ClientSampleId :
DCBL6MSD

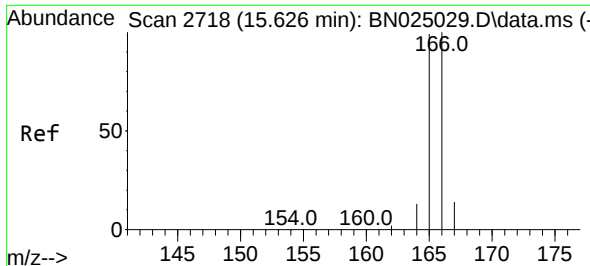
Tgt Ion:152 Resp: 21682
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:153 Resp: 18590
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 87.5 69.4 104.2

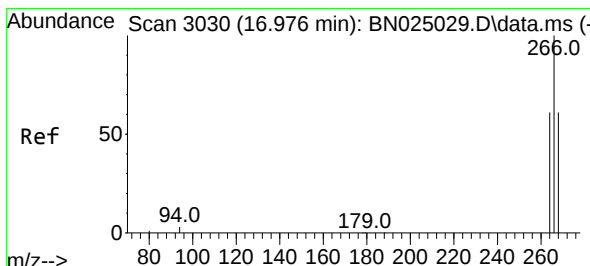
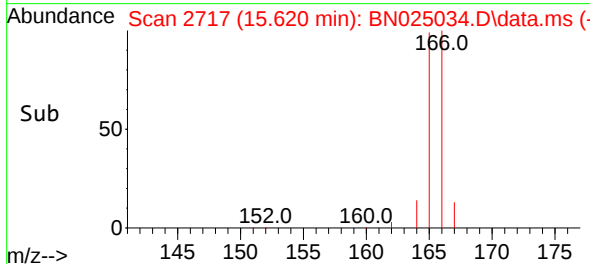
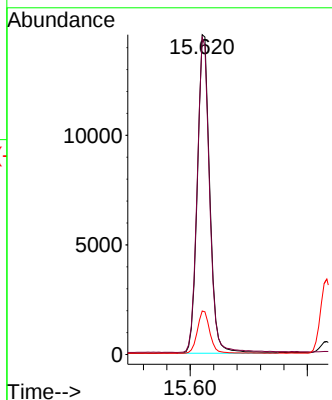
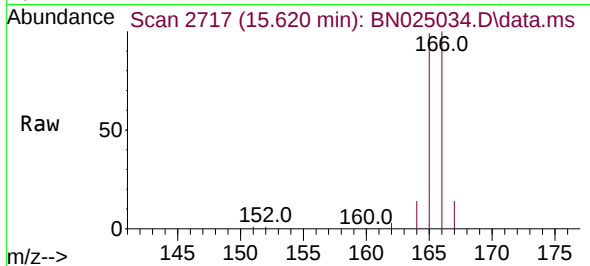




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.620 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

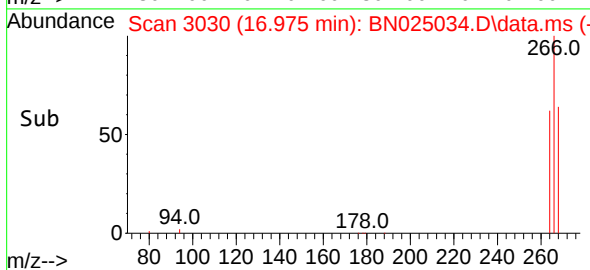
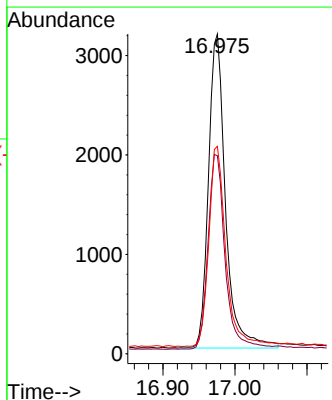
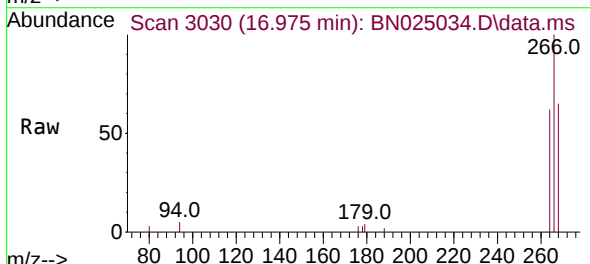
Instrument :
BNA_N
ClientSampleId :
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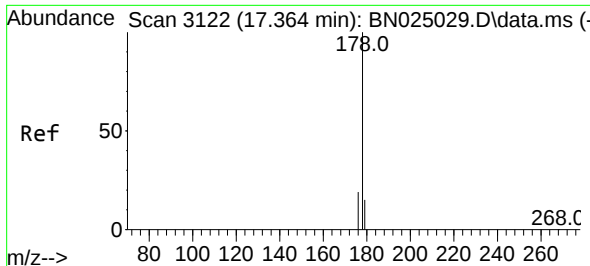
Tgt Ion:166 Resp: 21248
Ion Ratio Lower Upper
166 100
165 99.1 78.1 117.1
167 13.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.766 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:266 Resp: 5212
Ion Ratio Lower Upper
266 100
264 62.4 49.6 74.4
268 64.0 51.3 76.9

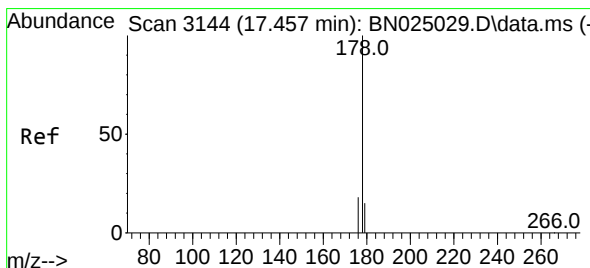
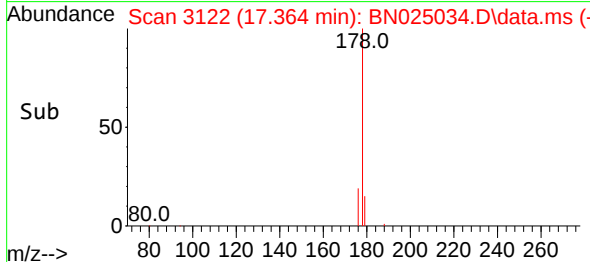
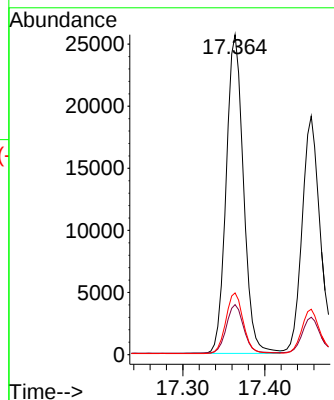
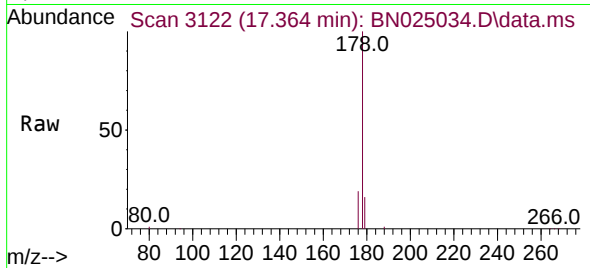




#15
Phenanthrene
Concen: 0.386 ng/u1
RT: 17.364 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

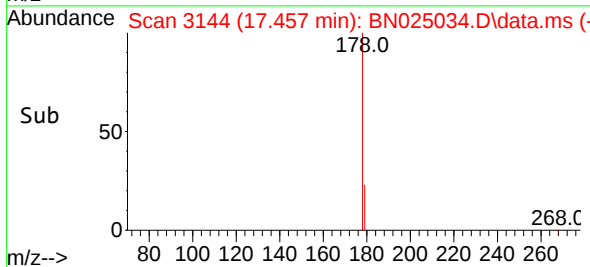
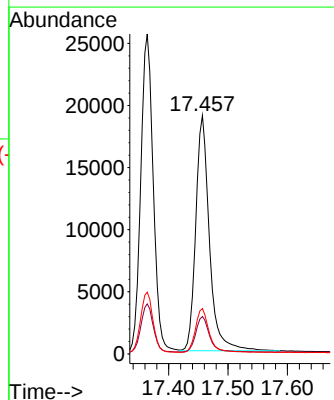
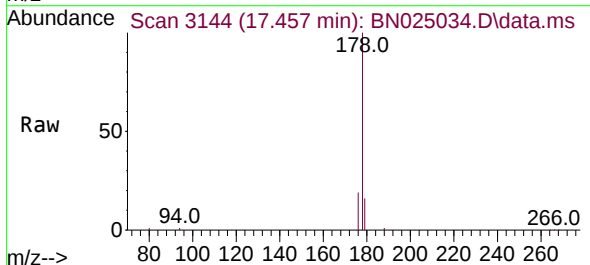
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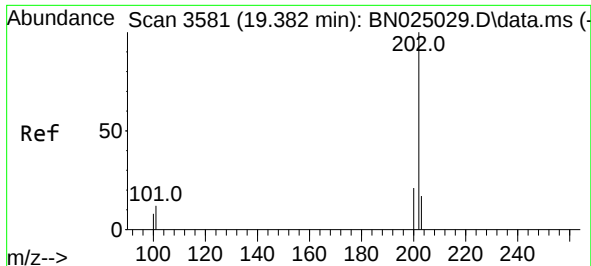
Tgt Ion:178 Resp: 37702
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.379 ng/u1
RT: 17.457 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:178 Resp: 30329
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.3 22.9

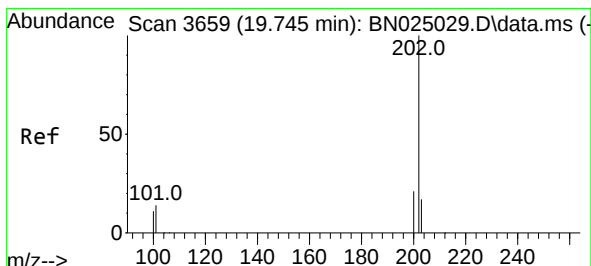
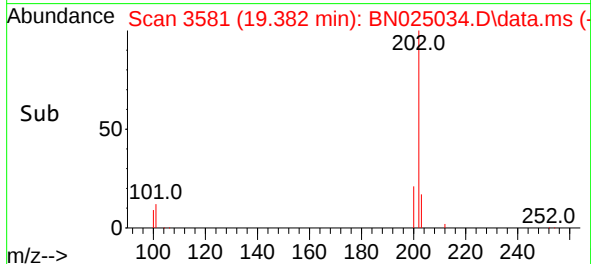
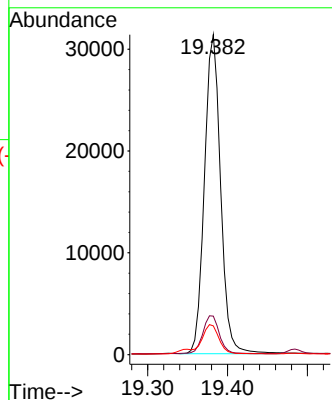
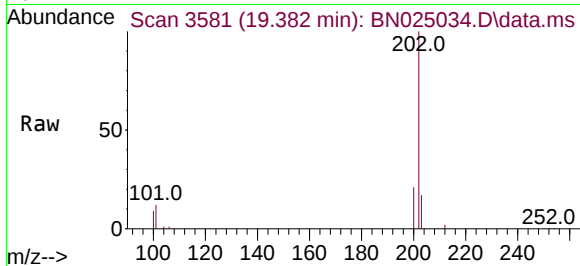




#19
Fluoranthene
Concen: 0.477 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

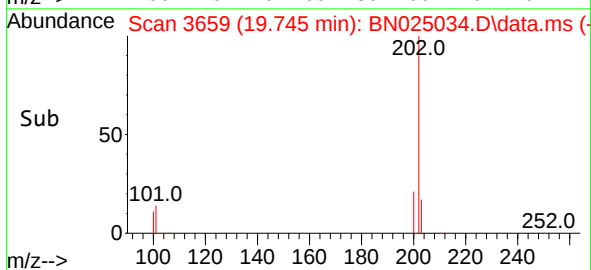
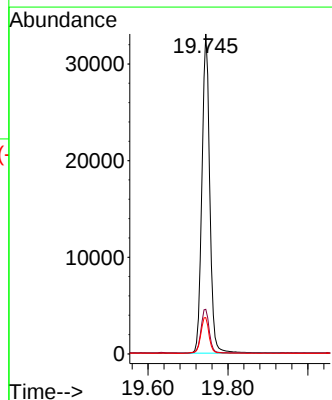
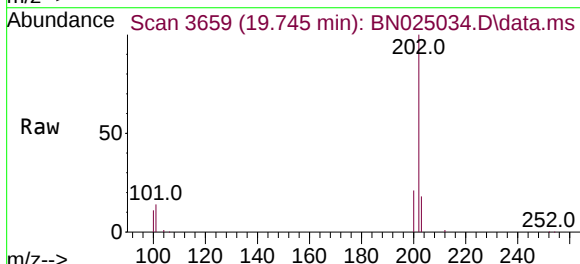
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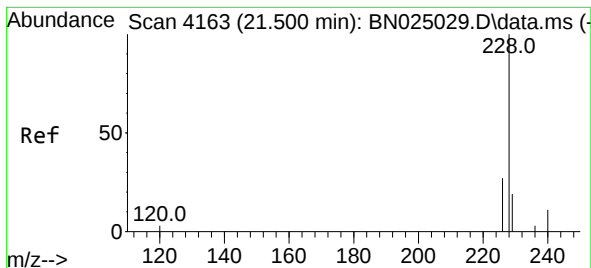
Tgt Ion:202 Resp: 43998
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.475 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:202 Resp: 45003
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.3 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.445 ng/ul

RT: 21.503 min Scan# 4163

Delta R.T. 0.003 min

Lab File: BN025034.D

Acq: 20 Apr 2023 14:26

Instrument :

BNA_N

ClientSampleId :

DCBL6MSD

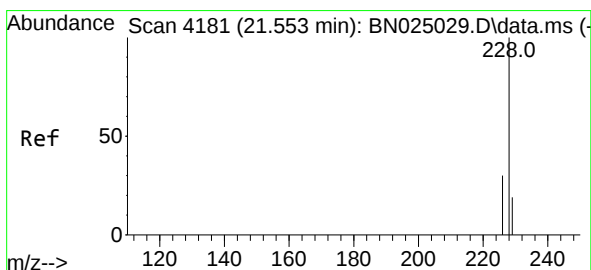
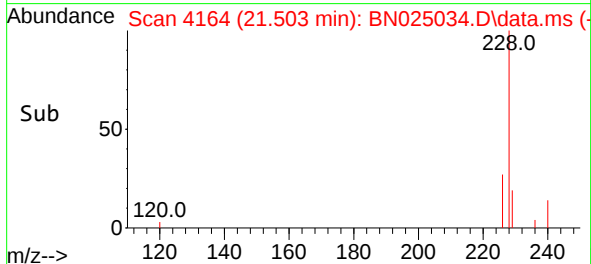
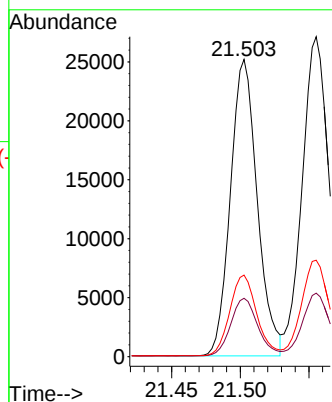
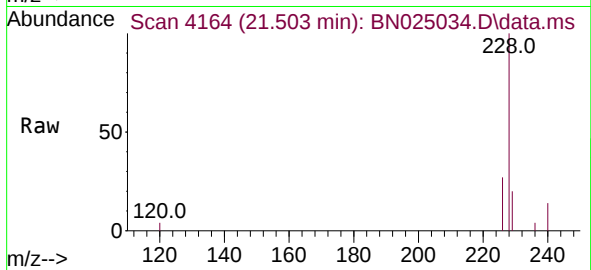
Tgt Ion:228 Resp: 34204

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.4 22.1 33.1



#22

Chrysene

Concen: 0.448 ng/ul

RT: 21.555 min Scan# 4182

Delta R.T. 0.003 min

Lab File: BN025034.D

Acq: 20 Apr 2023 14:26

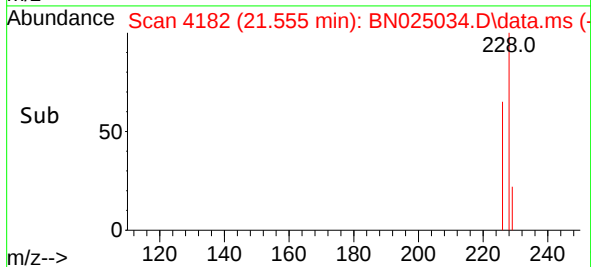
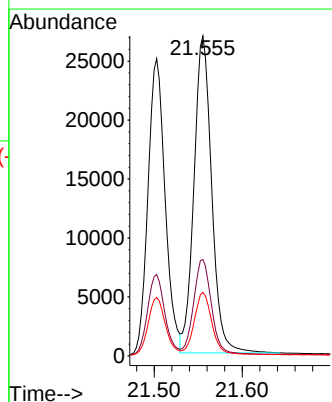
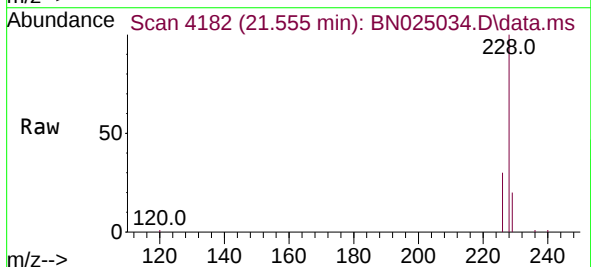
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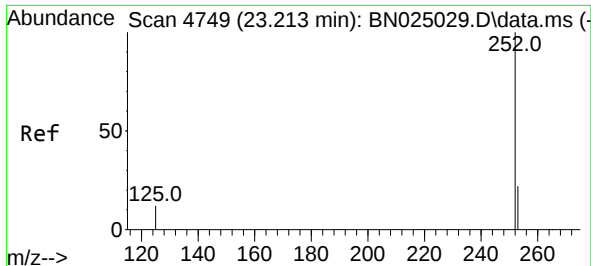
Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.8 15.8 23.6

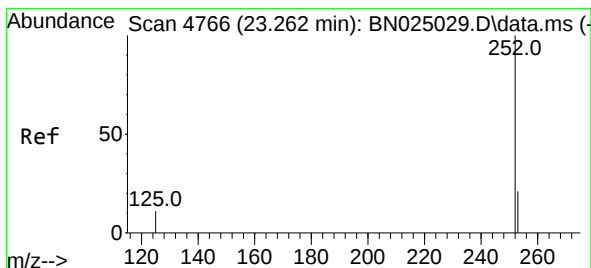
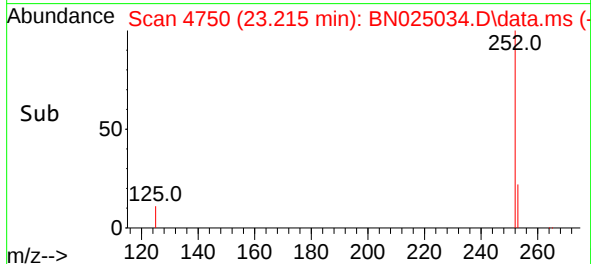
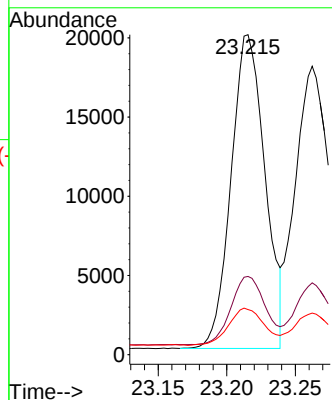
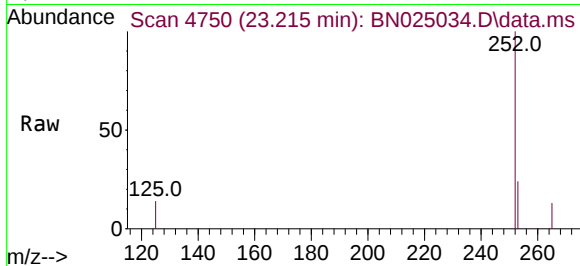




#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 23.215 min Scan# 4749
Delta R.T. 0.003 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

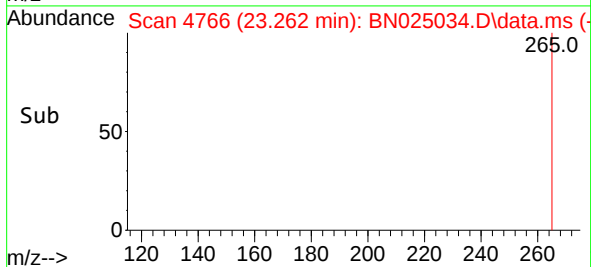
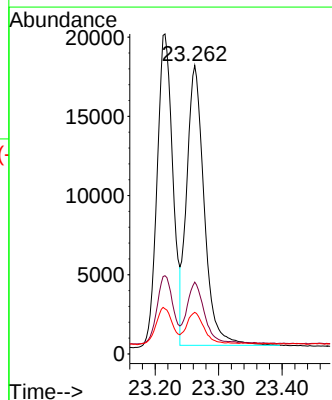
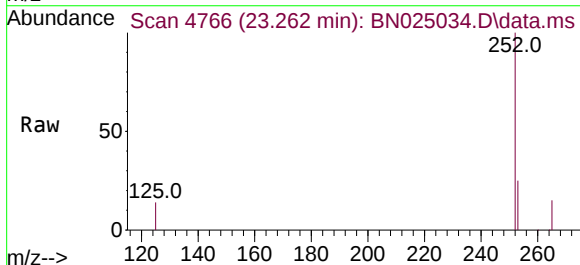
Instrument :
BNA_N
ClientSampleId :
DCBL6MSD

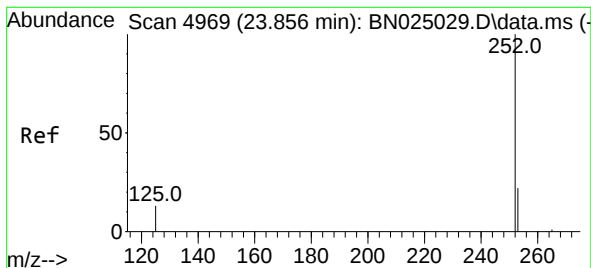
Tgt Ion:252 Resp: 34112
Ion Ratio Lower Upper
252 100
253 24.4 0.0 50.2
125 14.1 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. -0.000 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:252 Resp: 33855
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 14.4 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.859 min Scan# 4969

Delta R.T. 0.003 min

Lab File: BN025034.D

Acq: 20 Apr 2023 14:26

Instrument :

BNA_N

ClientSampleId :

DCBL6MSD

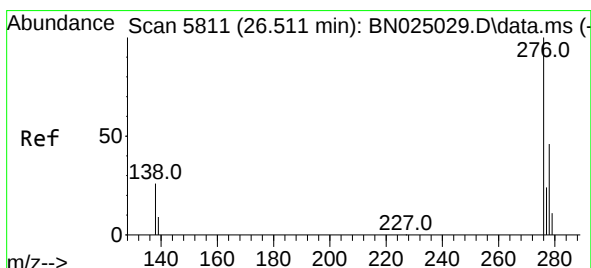
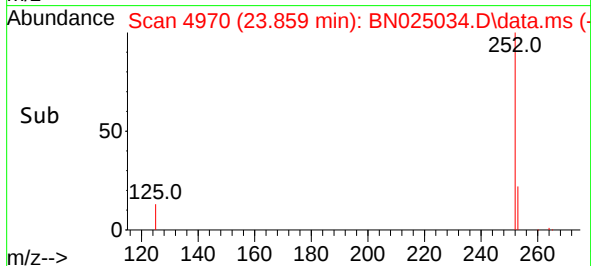
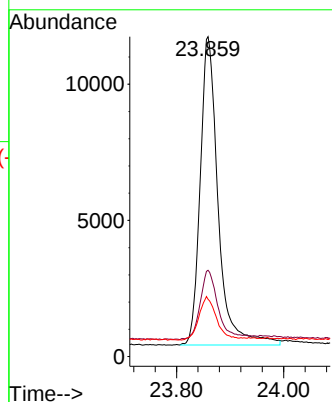
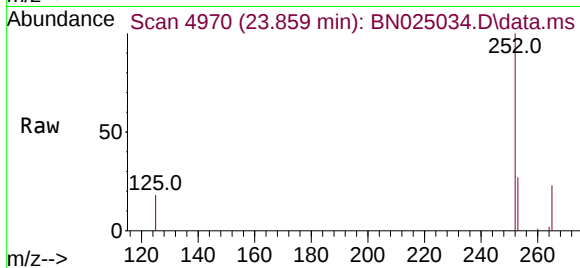
Tgt Ion:252 Resp: 26293

Ion Ratio Lower Upper

252 100

253 27.0 21.4 32.2

125 17.9 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/ul

RT: 26.514 min Scan# 5812

Delta R.T. 0.003 min

Lab File: BN025034.D

Acq: 20 Apr 2023 14:26

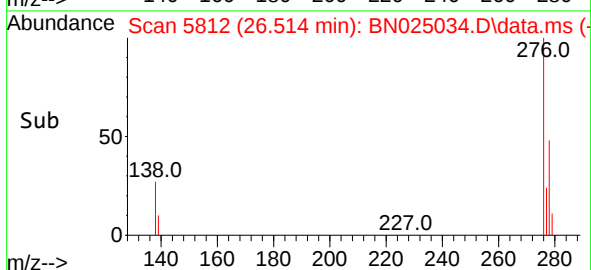
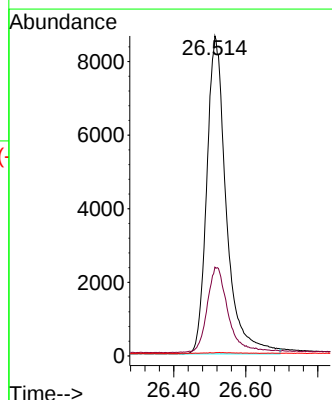
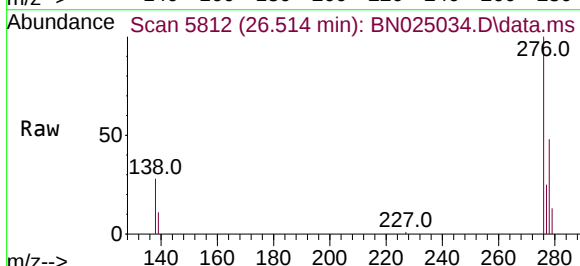
Tgt Ion:276 Resp: 32566

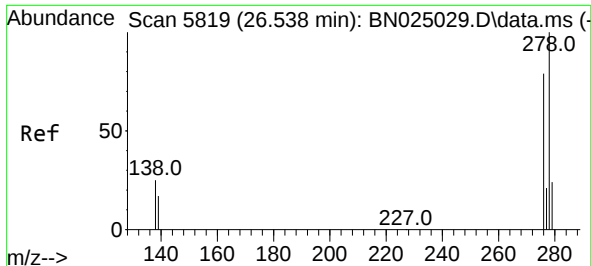
Ion Ratio Lower Upper

276 100

138 28.5 21.9 32.9

227 0.2 0.1 0.1#

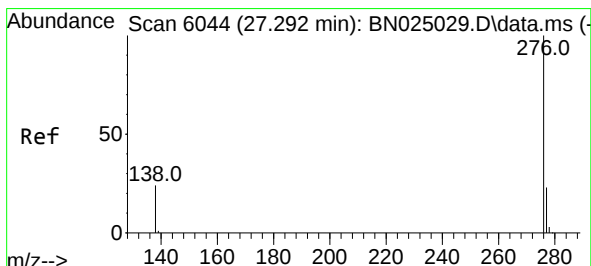
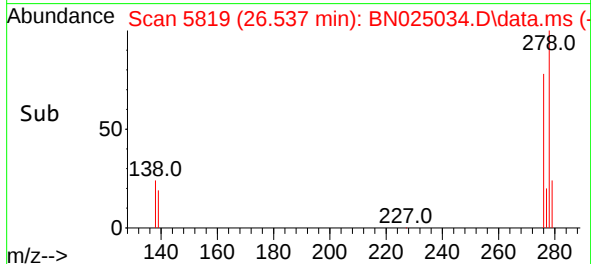
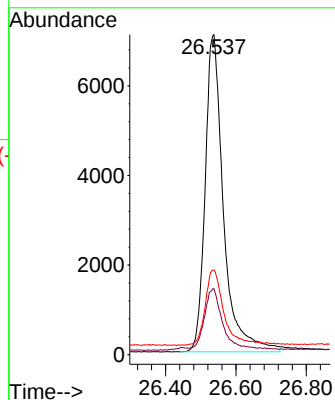
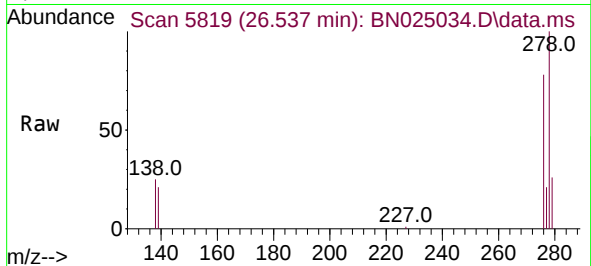




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.000 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Instrument :
BNA_N
ClientSampleId :
DCBL6MSD

Tgt Ion:	278	Resp:	25678
Ion Ratio	Lower	Upper	
278	100		
139	20.6	17.0	25.6
279	26.4	21.8	32.8



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 27.292 min Scan# 6044
Delta R.T. -0.000 min
Lab File: BN025034.D
Acq: 20 Apr 2023 14:26

Tgt Ion:	276	Resp:	28726
Ion Ratio	Lower	Upper	
276	100		
138	25.9	20.3	30.5
277	24.8	19.8	29.6

