

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
 Data File : BN026442.D
 Acq On : 10 Jul 2023 11:40
 Operator : MA/JU
 Sample : 03404-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 04:18:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

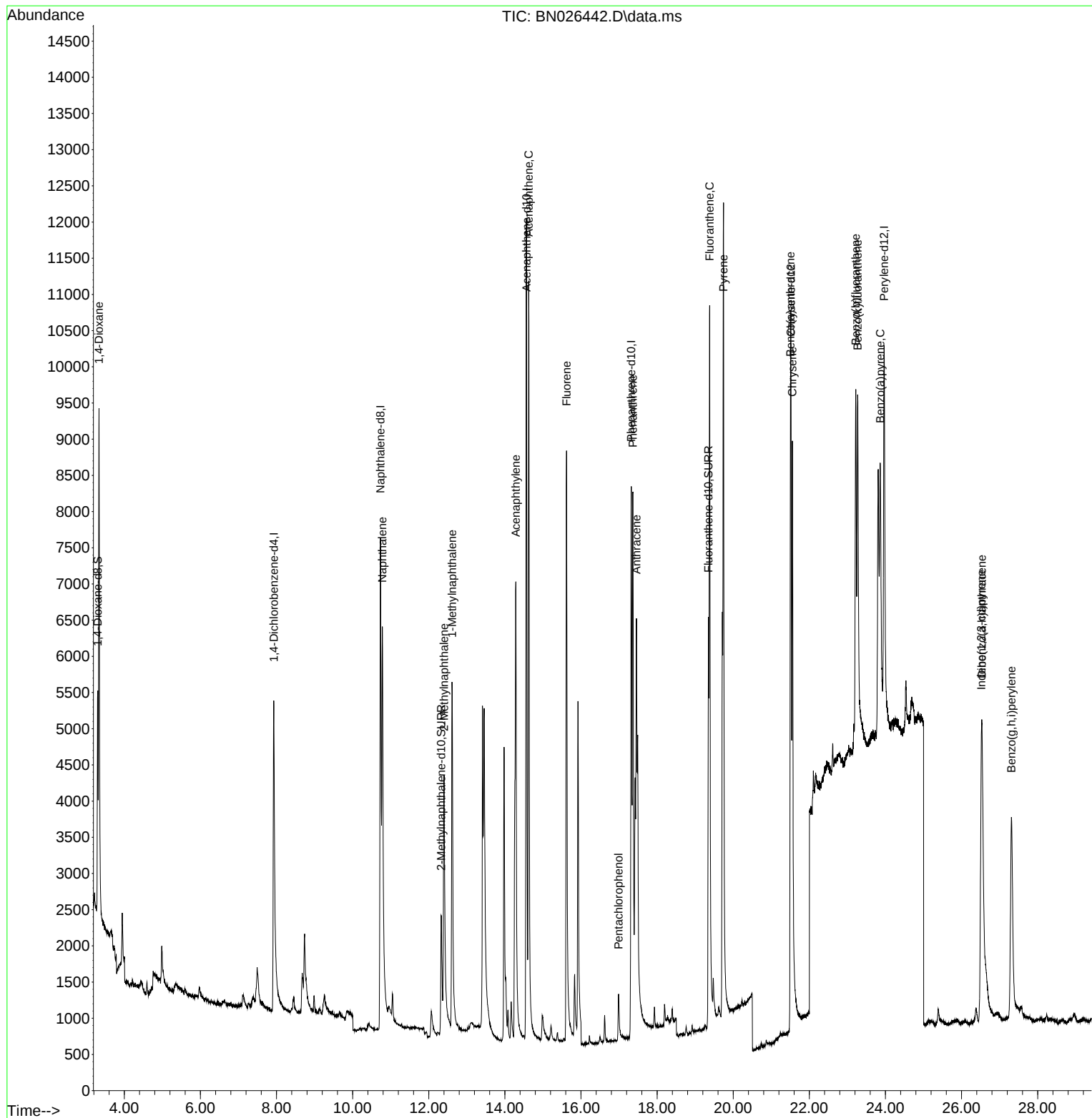
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	14129	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	11977	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	7697	0.400	ng/ul	0.00
23) Perylene-d12	23.963	264	7884	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2197	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	3441	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	7757	0.265	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	5405	1.105	ng/ul#	89
5) Naphthalene	10.780	128	10180	0.251	ng/ul	97
7) 2-Methylnaphthalene	12.402	142	3903	0.151	ng/ul	100
8) 1-Methylnaphthalene	12.611	142	4412	0.165	ng/ul	99
10) Acenaphthylene	14.287	152	8940	0.256	ng/ul	98
11) Acenaphthene	14.625	153	7125	0.249	ng/ul	100
12) Fluorene	15.620	166	7187	0.219	ng/ul	100
14) Pentachlorophenol	16.988	266	658	0.153	ng/ul	98
15) Phenanthrene	17.363	178	9983	0.252	ng/ul	98
16) Anthracene	17.456	178	9683	0.275	ng/ul	95
19) Fluoranthene	19.381	202	10666	0.259	ng/ul	99
20) Pyrene	19.744	202	11412	0.267	ng/ul	97
21) Benzo(a)anthracene	21.505	228	7549	0.238	ng/ul	98
22) Chrysene	21.554	228	8782	0.266	ng/ul	100
24) Benzo(b)fluoranthene	23.220	252	8244	0.245	ng/ul	84
25) Benzo(k)fluoranthene	23.270	252	8715	0.258	ng/ul#	84
26) Benzo(a)pyrene	23.864	252	7244	0.248	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.520	276	9131	0.286	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.536	278	6979	0.289	ng/ul#	87
29) Benzo(g,h,i)perylene	27.311	276	8260	0.291	ng/ul	98

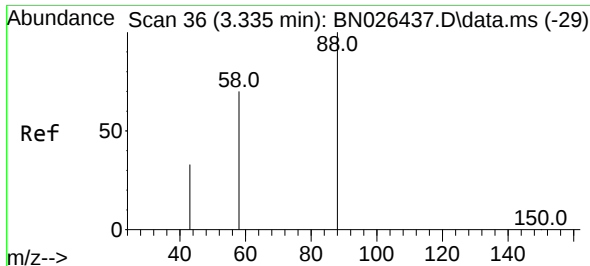
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
Data File : BN026442.D
Acq On : 10 Jul 2023 11:40
Operator : MA/JU
Sample : 03404-07MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

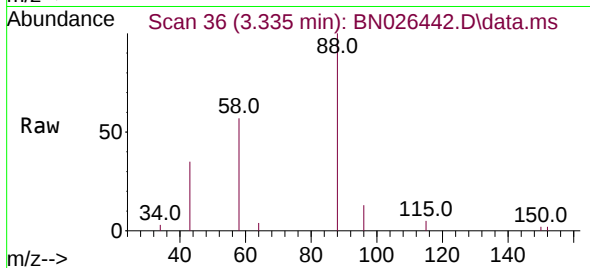
Quant Time: Jul 11 04:18:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration



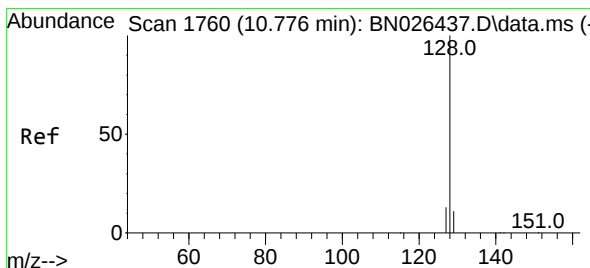
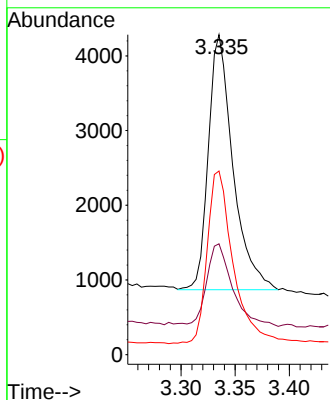
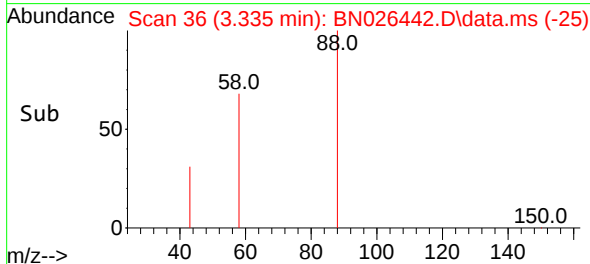


#2
 1,4-Dioxane
 Concen: 1.105 ng/ul
 RT: 3.335 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

Instrument :
 BNA_N
 ClientSampleId :

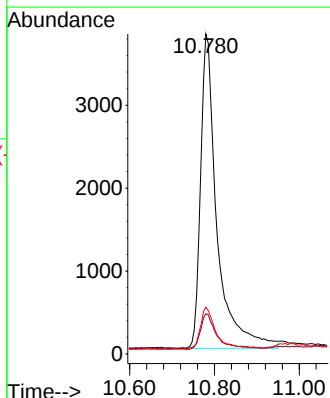
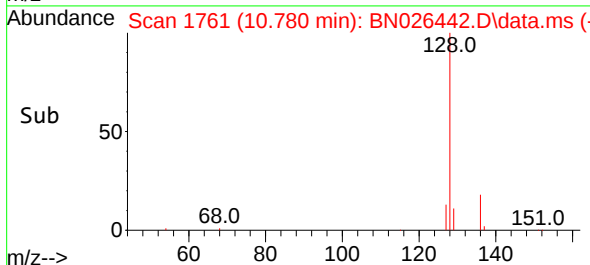
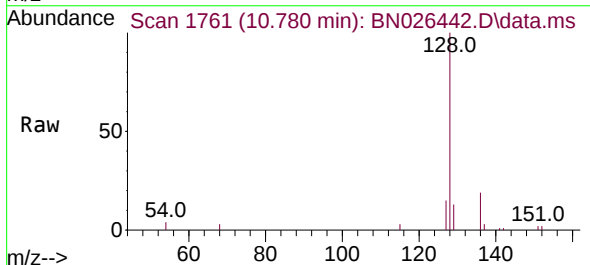


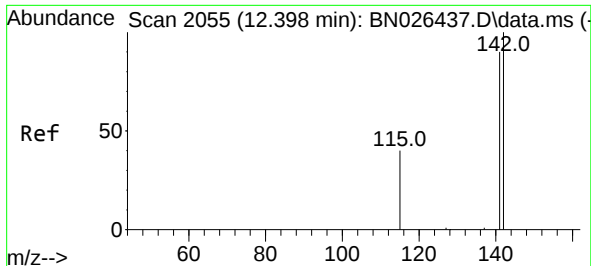
Tgt Ion: 88 Resp: 5405
 Ion Ratio Lower Upper
 88 100
 43 34.6 29.5 44.3
 58 57.4 37.4 56.2#



#5
 Naphthalene
 Concen: 0.251 ng/ul
 RT: 10.780 min Scan# 1761
 Delta R.T. -0.007 min
 Lab File: BN026442.D
 Acq: 10 Jul 2023 11:40

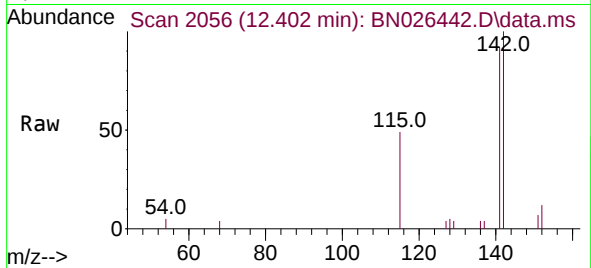
Tgt Ion:128 Resp: 10180
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.1 13.7
 127 14.6 10.7 16.1



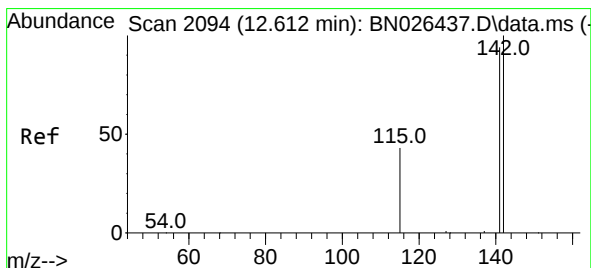
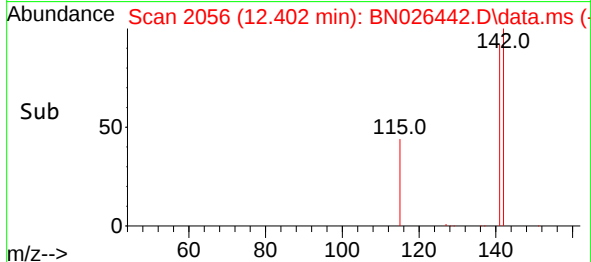
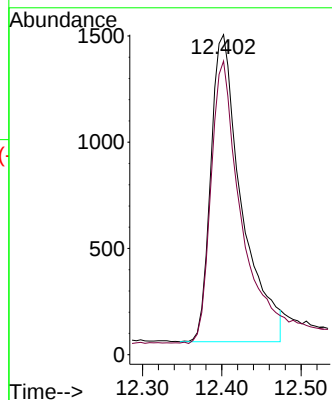


#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Instrument :
BNA_N
ClientSampleId :

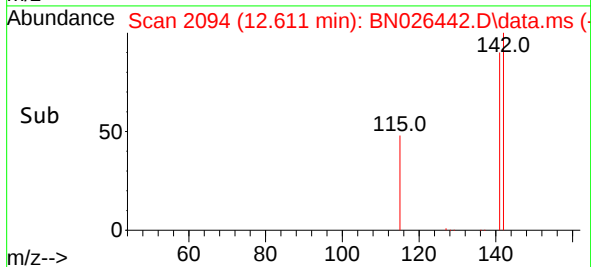
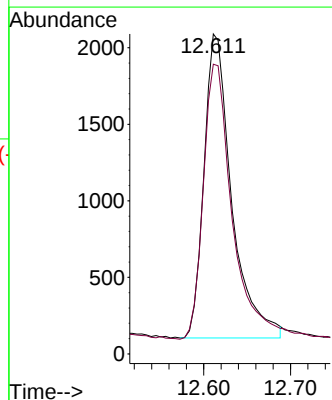
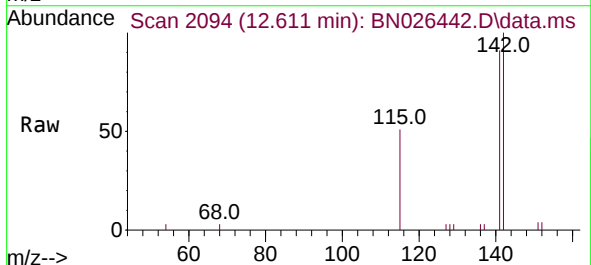


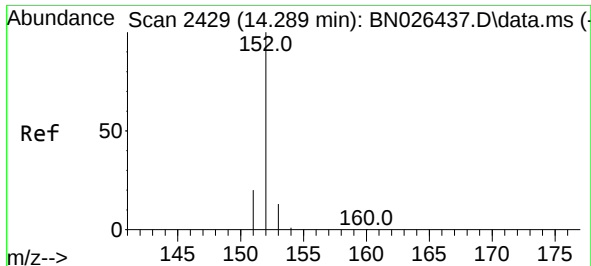
Tgt Ion:142 Resp: 3903
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.611 min Scan# 2094
Delta R.T. -0.007 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:142 Resp: 4412
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

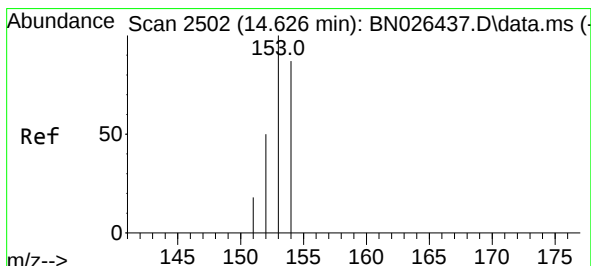
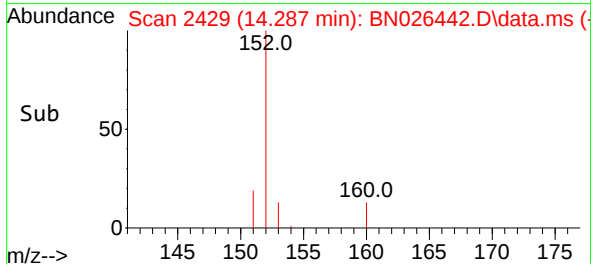
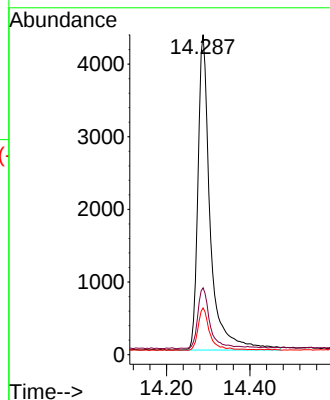
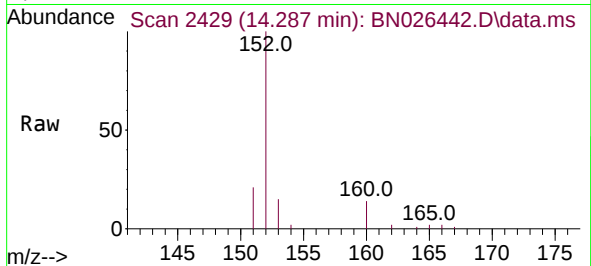




#10
Acenaphthylene
Concen: 0.256 ng/ul
RT: 14.287 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

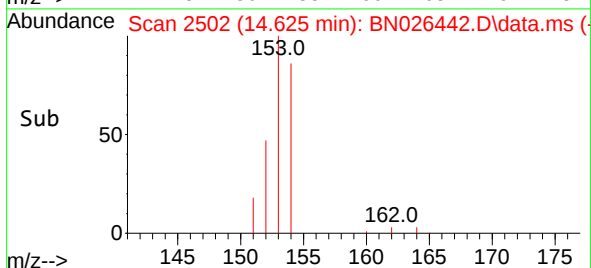
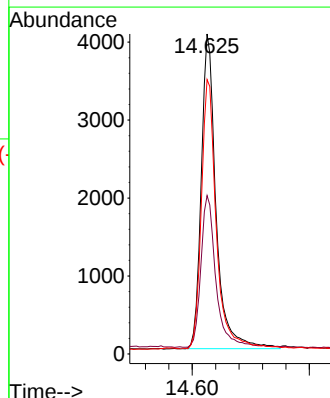
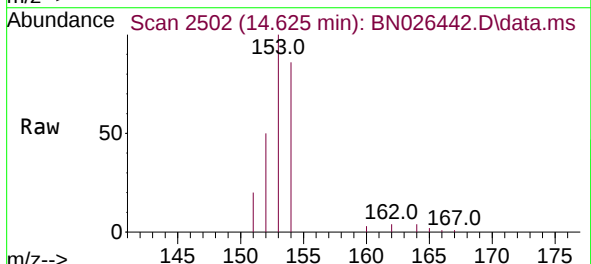
Instrument :
BNA_N
ClientSampleId :

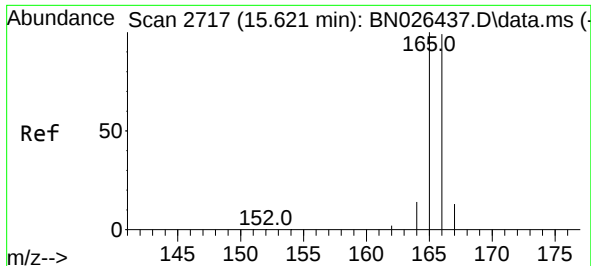
Tgt Ion:152 Resp: 8940
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 14.6 10.9 16.3



#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.625 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

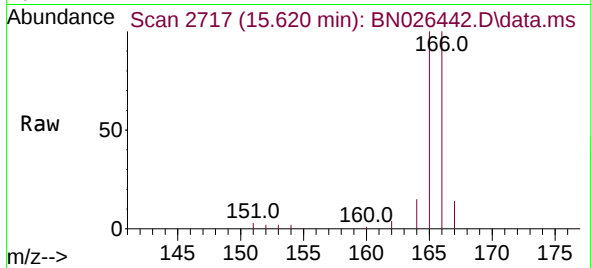
Tgt Ion:153 Resp: 7125
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 85.7 68.9 103.3





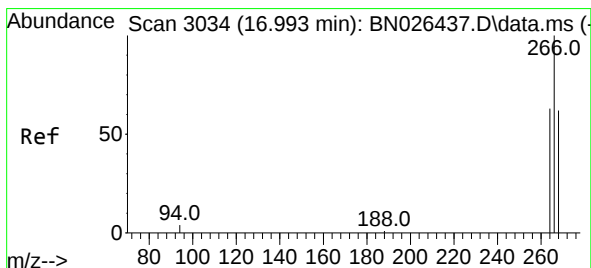
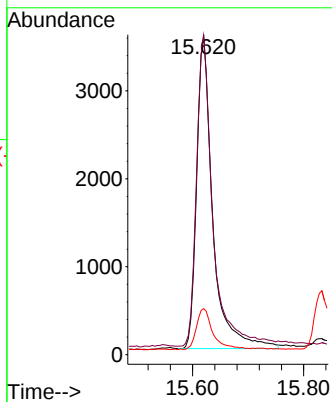
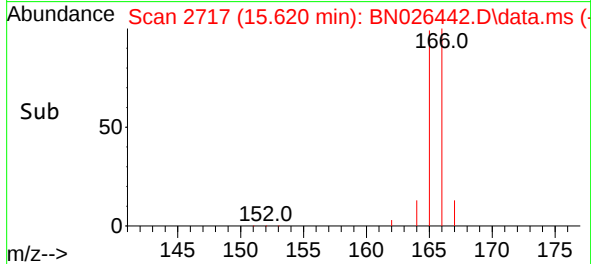
#12
Fluorene
Concen: 0.219 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Instrument :
BNA_N
ClientSampleId :

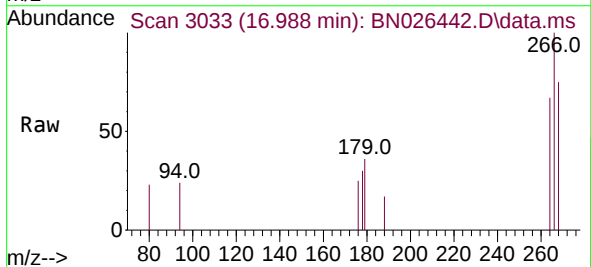


Tgt Ion:166 Resp: 7187

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	14.4	10.8	16.2

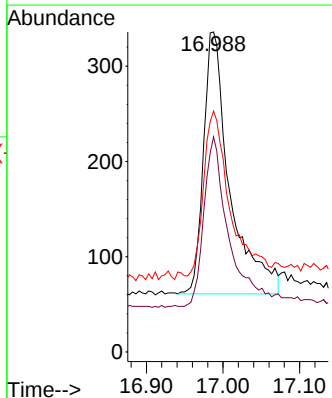
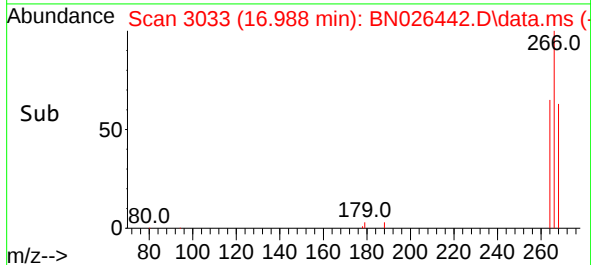


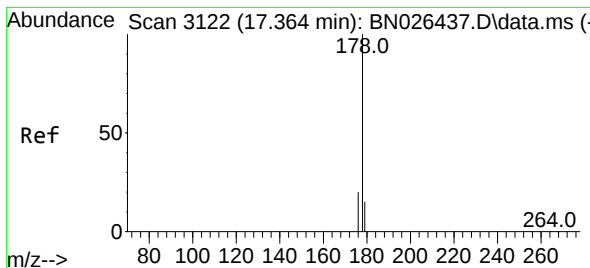
#14
Pentachlorophenol
Concen: 0.153 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. -0.009 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40



Tgt Ion:266 Resp: 658

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.5	75.7
268	62.8	51.6	77.4





#15

Phenanthrene

Concen: 0.252 ng/ul

RT: 17.363 min Scan# 3122

Delta R.T. -0.005 min

Lab File: BN026442.D

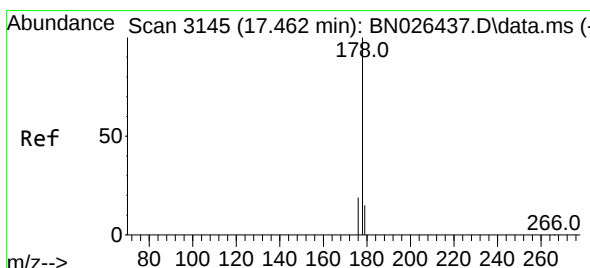
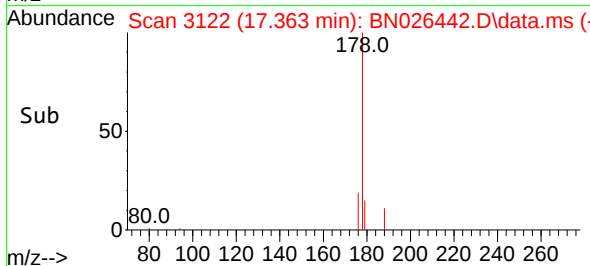
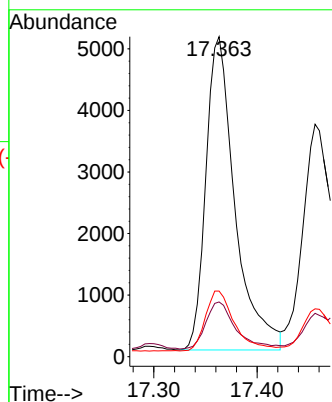
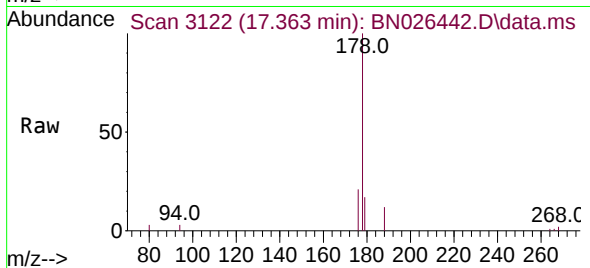
Acq: 10 Jul 2023 11:40

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	178	Resp:	9983
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	20.5	15.8	23.6



#16

Anthracene

Concen: 0.275 ng/ul

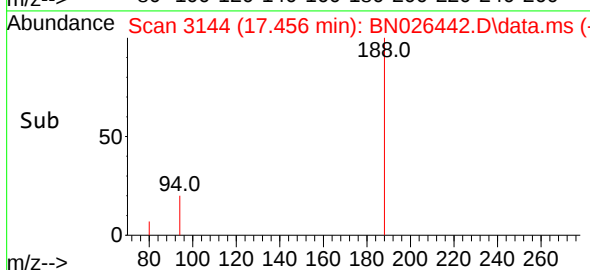
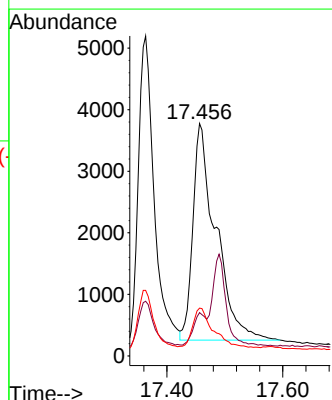
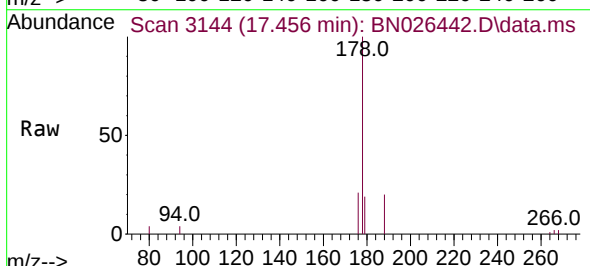
RT: 17.456 min Scan# 3144

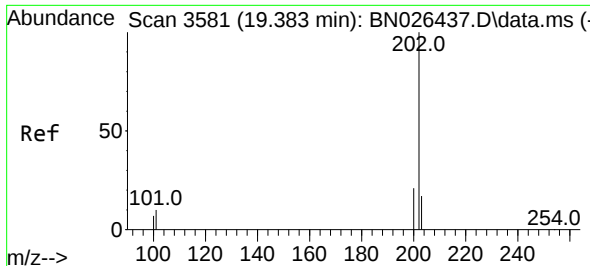
Delta R.T. -0.009 min

Lab File: BN026442.D

Acq: 10 Jul 2023 11:40

Tgt Ion:	178	Resp:	9683
Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.6	18.8
176	20.6	15.1	22.7

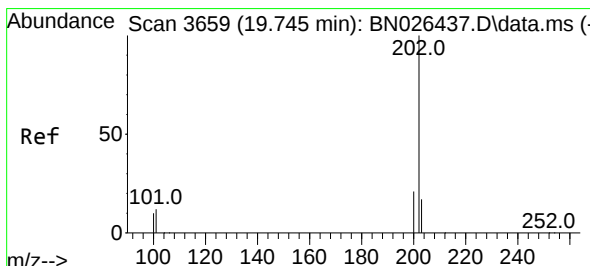
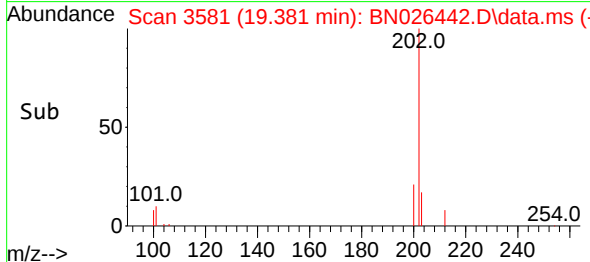
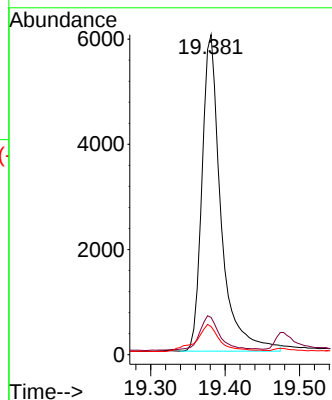
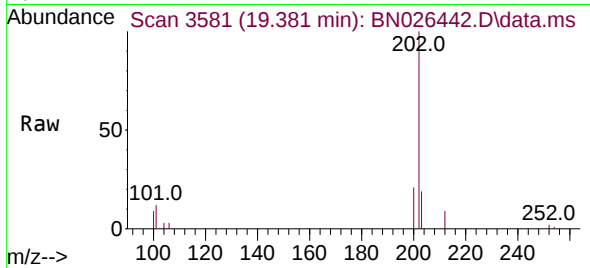




#19
Fluoranthene
Concen: 0.259 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.006 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

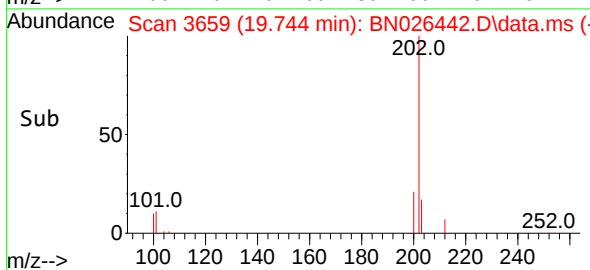
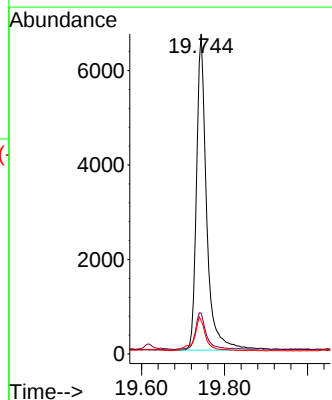
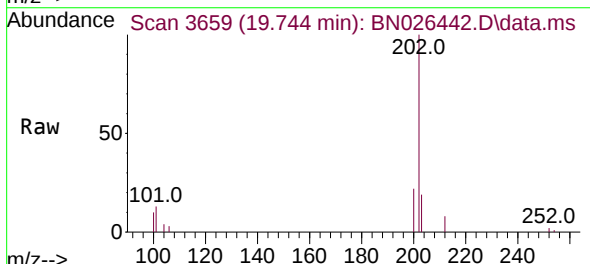
Instrument :
BNA_N
ClientSampleId :

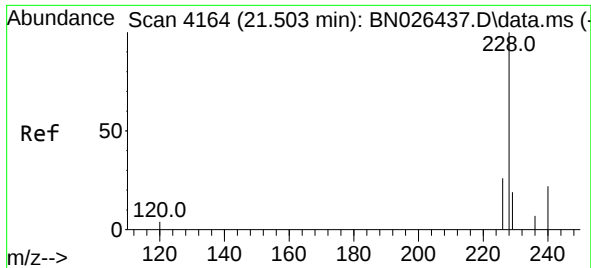
Tgt Ion:202 Resp: 10666
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.267 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.006 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

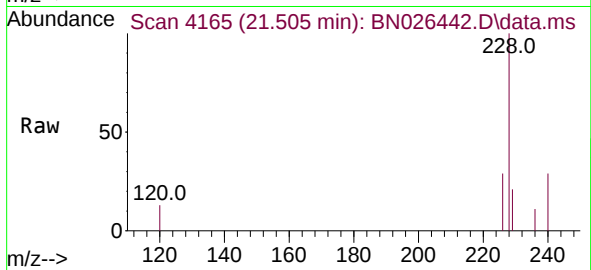
Tgt Ion:202 Resp: 11412
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.4 9.1 13.7



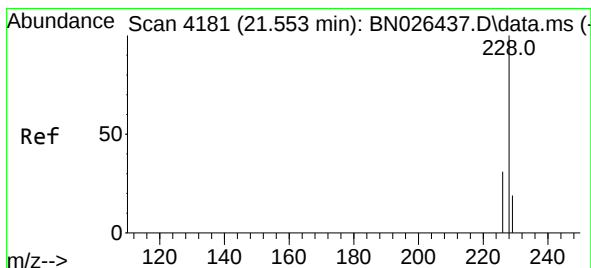
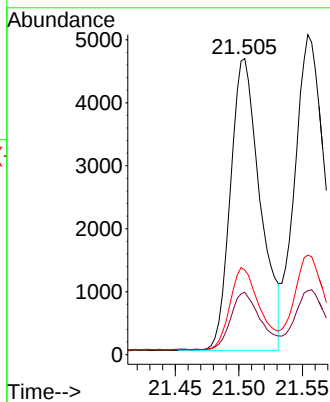
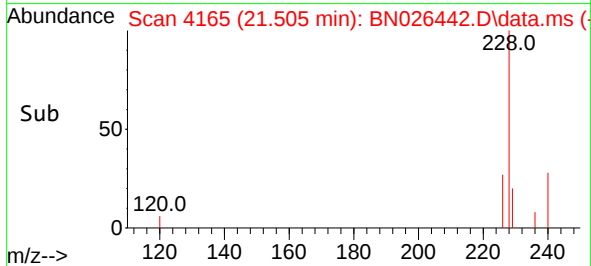


#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.005 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Instrument :
BNA_N
ClientSampleId :

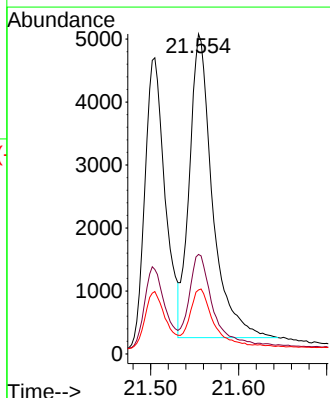
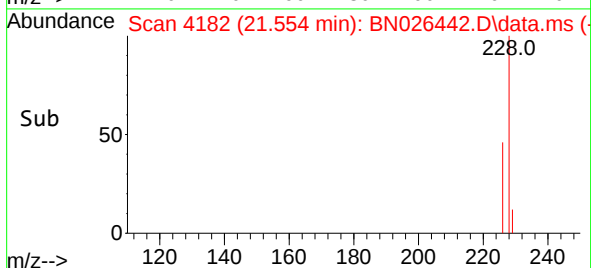
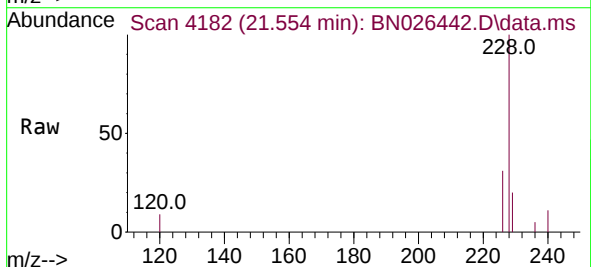


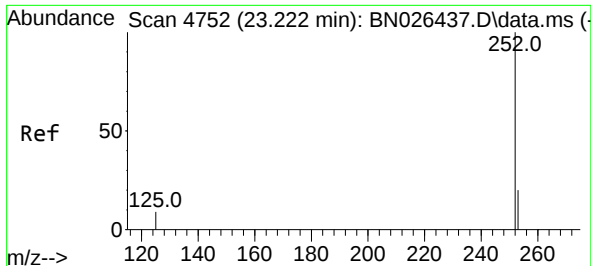
Tgt Ion:228 Resp: 7549
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.266 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.002 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:228 Resp: 8782
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 20.0 15.7 23.5

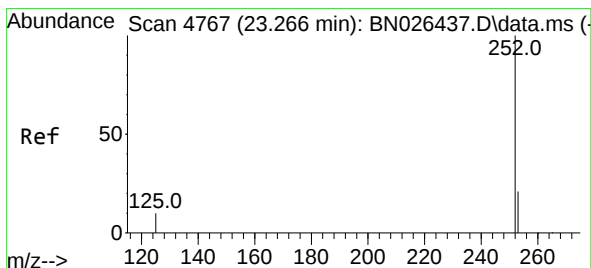
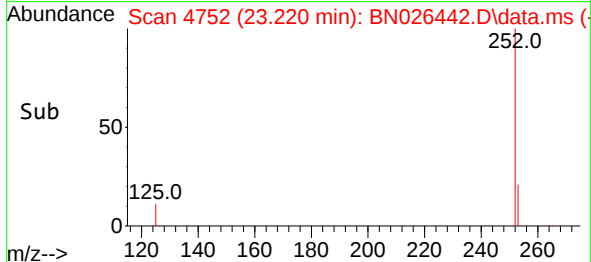
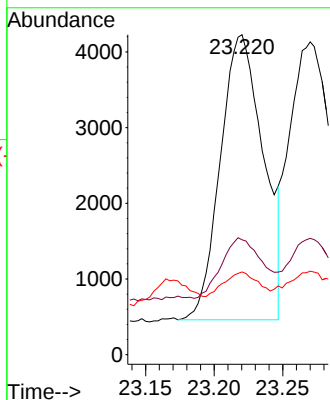
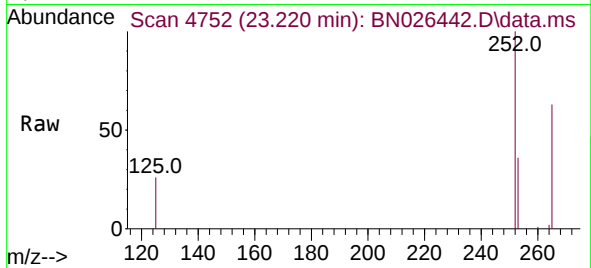




#24
Benzo(b)fluoranthene
Concen: 0.245 ng/ul
RT: 23.220 min Scan# 4752
Delta R.T. 0.002 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

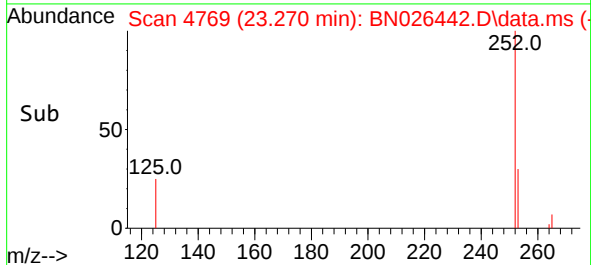
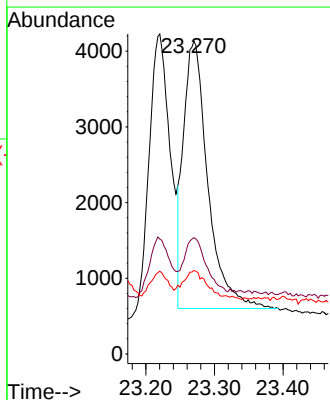
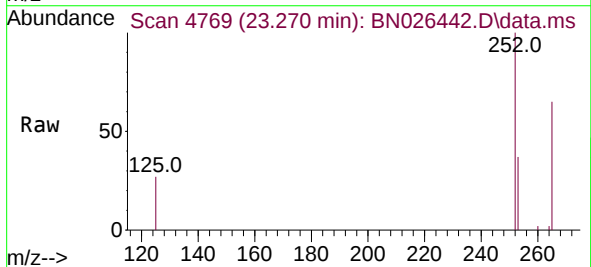
Instrument :
BNA_N
ClientSampleId :

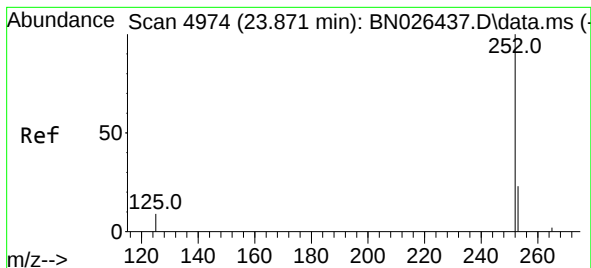
Tgt Ion:252 Resp: 8244
Ion Ratio Lower Upper
252 100
253 35.9 0.0 55.6
125 25.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.258 ng/ul
RT: 23.270 min Scan# 4769
Delta R.T. 0.008 min
Lab File: BN026442.D
Acq: 10 Jul 2023 11:40

Tgt Ion:252 Resp: 8715
Ion Ratio Lower Upper
252 100
253 37.2 23.2 34.8#
125 26.7 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.248 ng/ul

RT: 23.864 min Scan# 4974

Delta R.T. -0.007 min

Lab File: BN026442.D

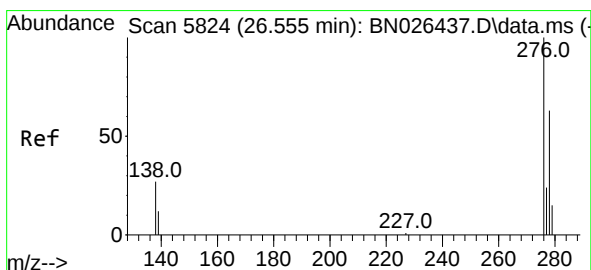
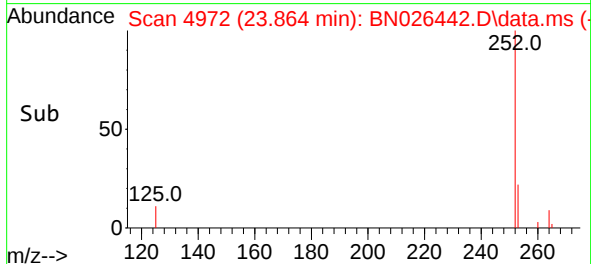
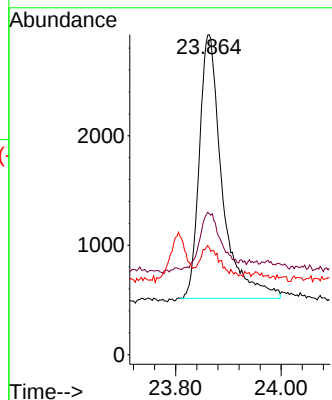
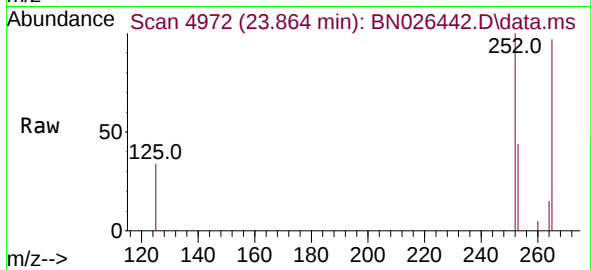
Acq: 10 Jul 2023 11:40

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	7244
Ion Ratio	Lower	Upper
252	100	
253	44.0	26.0 39.0#
125	33.5	17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.286 ng/ul

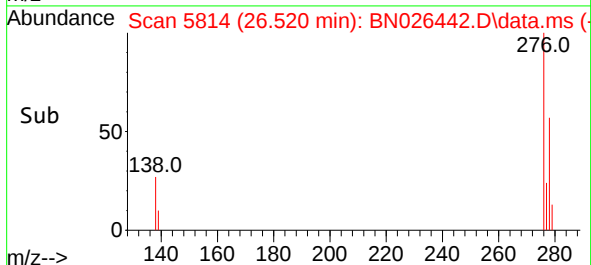
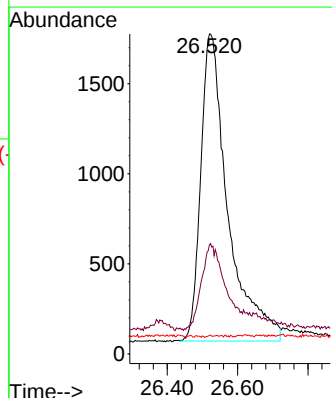
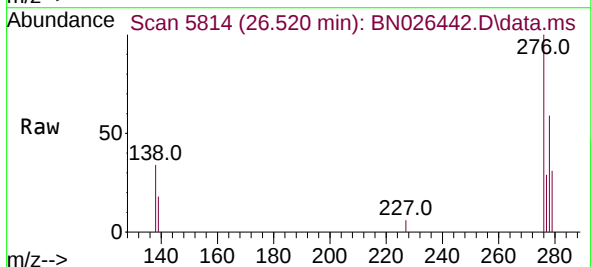
RT: 26.520 min Scan# 5814

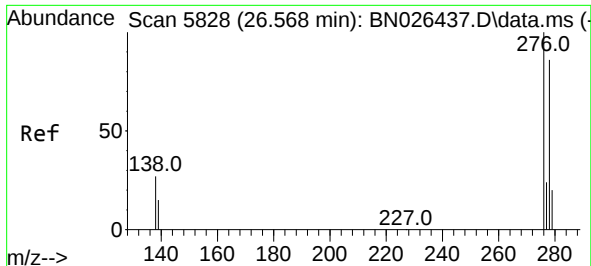
Delta R.T. -0.021 min

Lab File: BN026442.D

Acq: 10 Jul 2023 11:40

Tgt Ion:276	Resp:	9131
Ion Ratio	Lower	Upper
276	100	
138	29.9	24.5 36.7
227	0.1	0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.289 ng/ul

RT: 26.536 min Scan# 5819

Delta R.T. -0.024 min

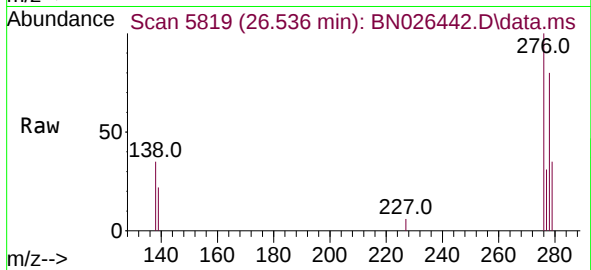
Lab File: BN026442.D

Acq: 10 Jul 2023 11:40

Instrument :

BNA_N

ClientSampleId :



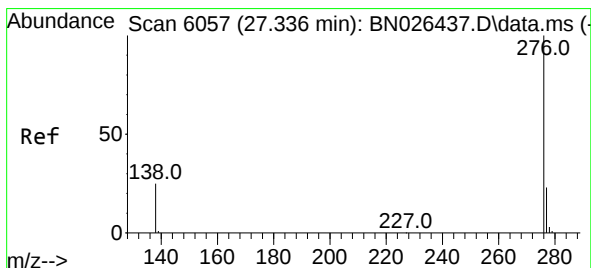
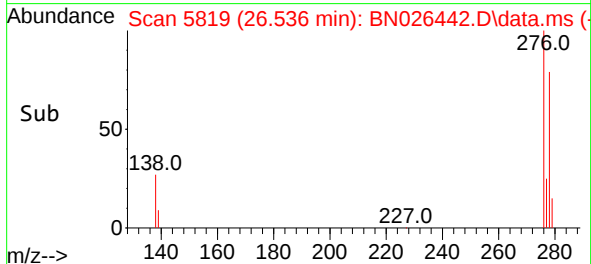
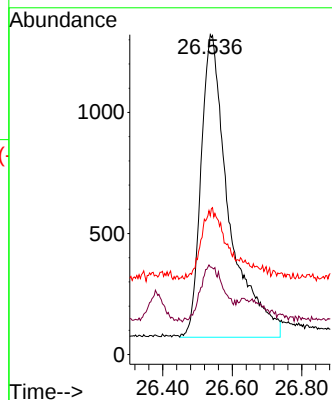
Tgt Ion:278 Resp: 6979

Ion Ratio Lower Upper

278 100

139 27.4 19.0 28.4

279 43.4 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.291 ng/ul

RT: 27.311 min Scan# 6050

Delta R.T. -0.024 min

Lab File: BN026442.D

Acq: 10 Jul 2023 11:40

Tgt Ion:276 Resp: 8260

Ion Ratio Lower Upper

276 100

138 28.6 23.4 35.0

277 26.5 20.0 30.0

