

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080823\
 Data File : BN026844.D
 Acq On : 08 Aug 2023 11:47
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 09 00:53:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

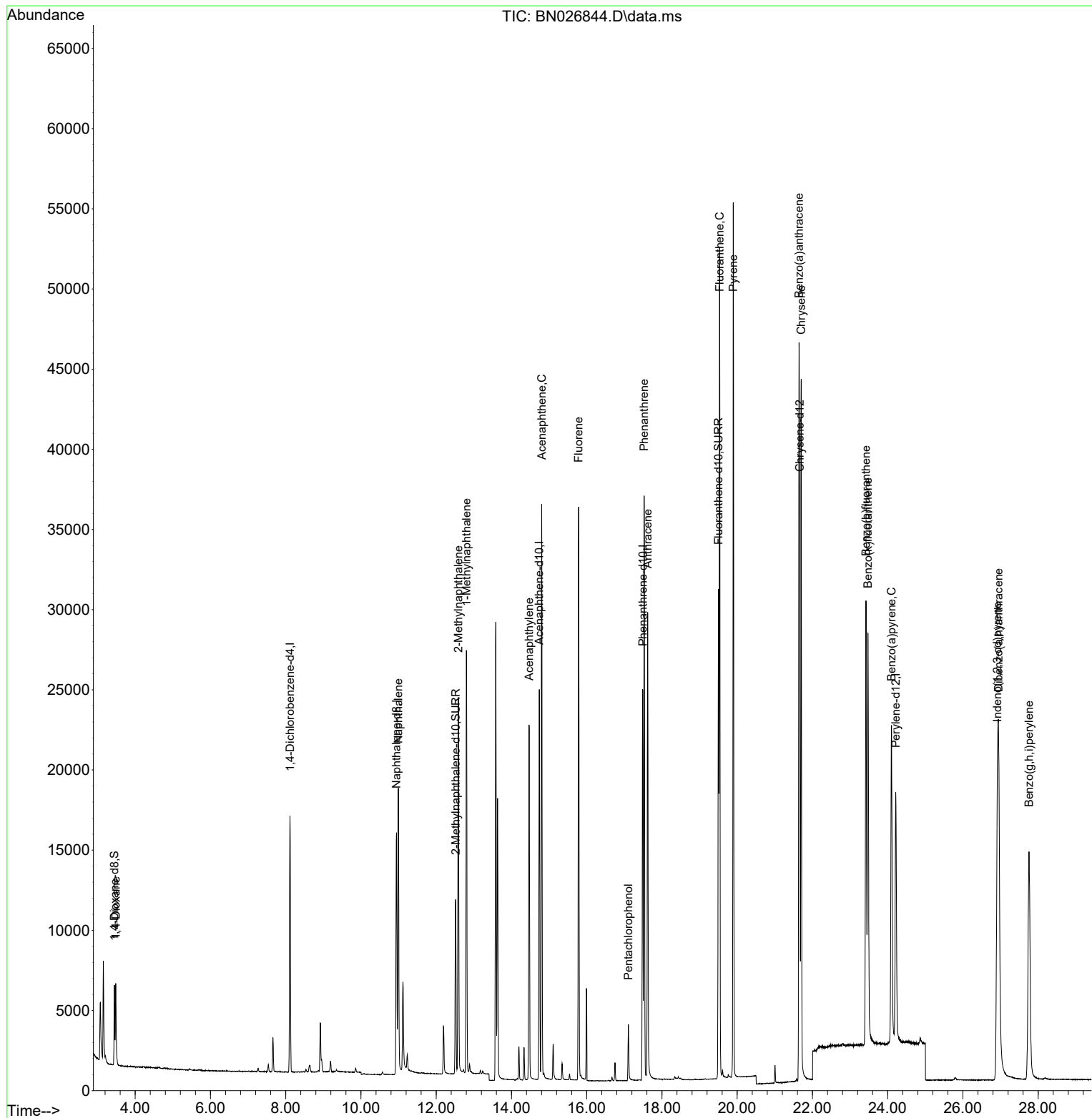
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	8038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	22548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.740	164	13524	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.489	188	30165	0.400	ng/ul	0.00
17) Chrysene-d12	21.659	240	25328	0.400	ng/ul	0.00
23) Perylene-d12	24.214	264	24638	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3704	0.388	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	14553	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.501	212	34038	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.481	88	3744	0.384	ng/ul	98
5) Naphthalene	10.993	128	24940	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	17112	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.803	142	17861	0.442	ng/ul	100
10) Acenaphthylene	14.467	152	25933	0.342	ng/ul	99
11) Acenaphthene	14.805	153	20095	0.383	ng/ul	99
12) Fluorene	15.785	166	22809	0.385	ng/ul	99
14) Pentachlorophenol	17.105	266	2467	0.289	ng/ul	100
15) Phenanthrene	17.527	178	37698	0.380	ng/ul	99
16) Anthracene	17.620	178	32602	0.364	ng/ul	100
19) Fluoranthene	19.534	202	44059	0.419	ng/ul	100
20) Pyrene	19.896	202	44550	0.397	ng/ul	97
21) Benzo(a)anthracene	21.644	228	38265	0.380	ng/ul	99
22) Chrysene	21.700	228	39938	0.402	ng/ul	99
24) Benzo(b)fluoranthene	23.421	252	41236	0.442	ng/ul	99
25) Benzo(k)fluoranthene	23.474	252	40025	0.435	ng/ul	100
26) Benzo(a)pyrene	24.100	252	35630	0.424	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.915	276	44599	0.405	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.948	278	34994	0.399	ng/ul	99
29) Benzo(g,h,i)perylene	27.757	276	36712	0.401	ng/ul	99

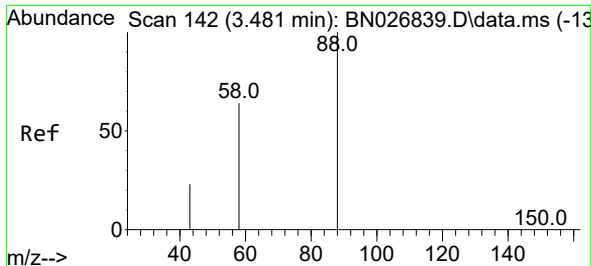
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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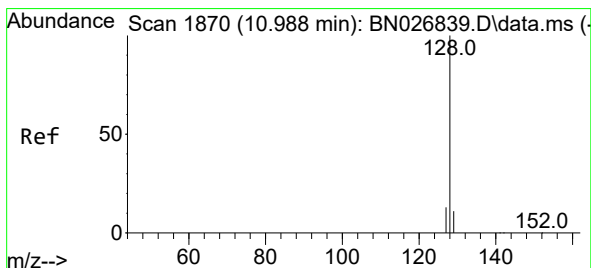
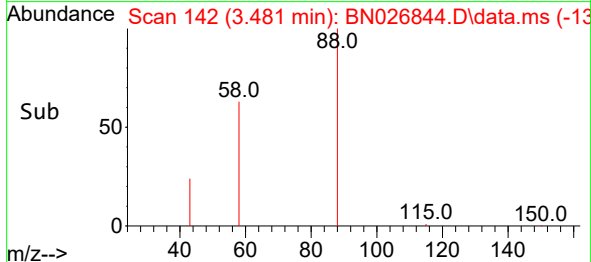
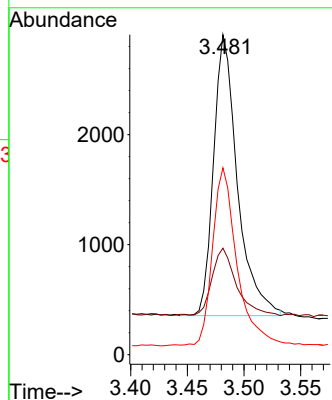
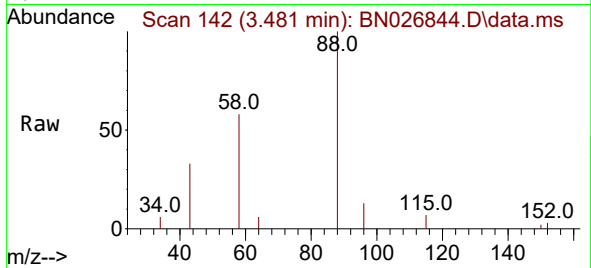




#2
1,4-Dioxane
Concen: 0.384 ng/ul
RT: 3.481 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

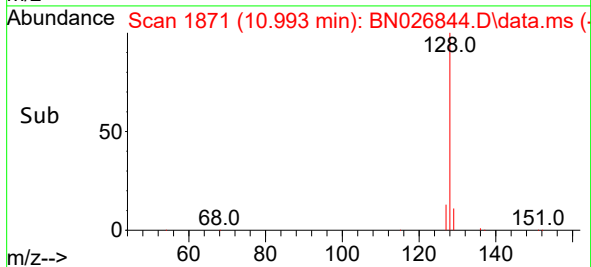
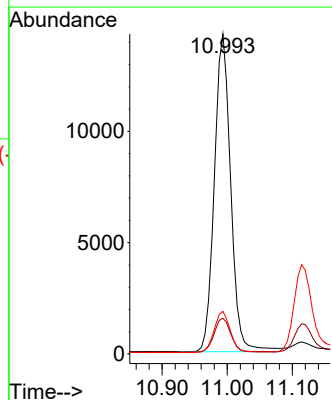
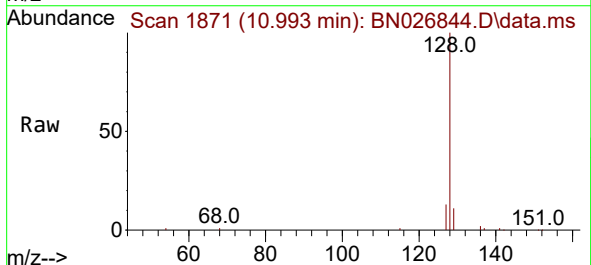
Instrument :
BNA_N
ClientSampleId :

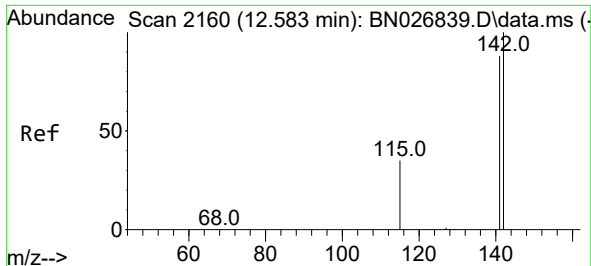
Tgt Ion: 88 Resp: 3744
Ion Ratio Lower Upper
88 100
43 33.3 28.0 42.0
58 58.4 46.0 69.0



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.993 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

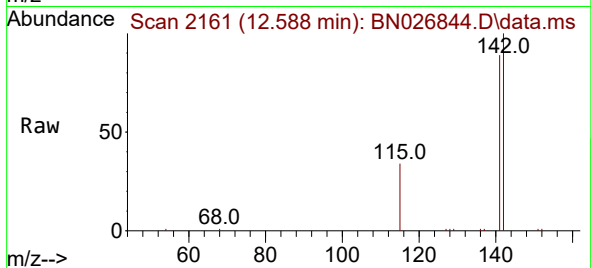
Tgt Ion:128 Resp: 24940
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.5 15.7



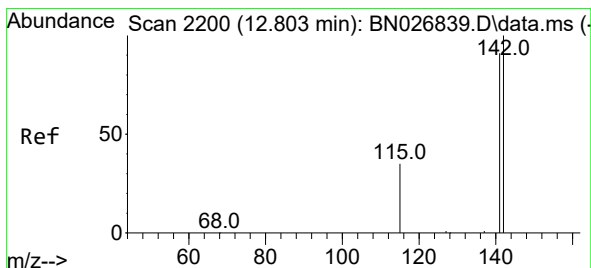
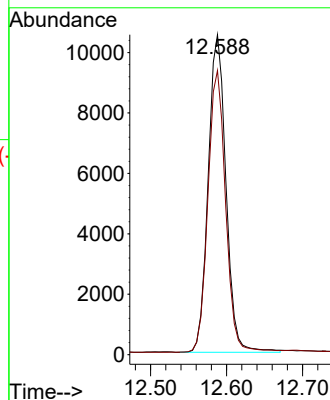
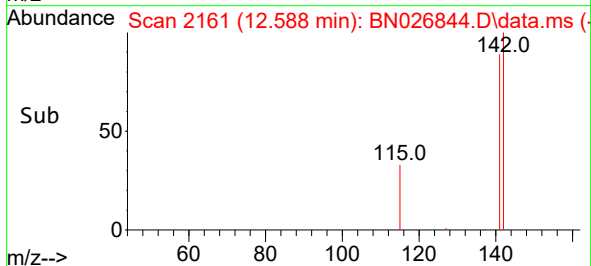


#7
2-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.588 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

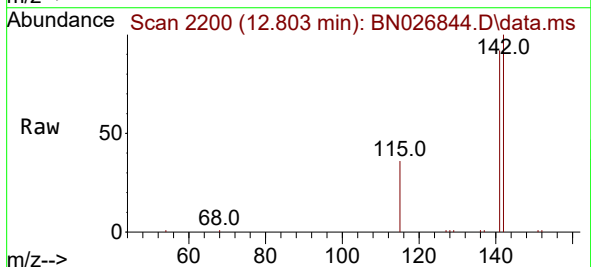
Instrument :
BNA_N
ClientSampleId :



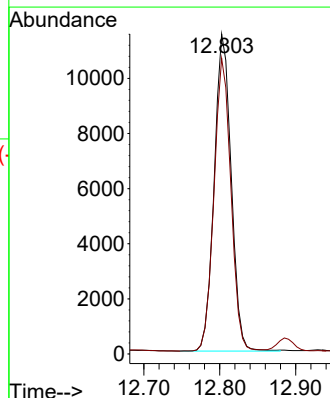
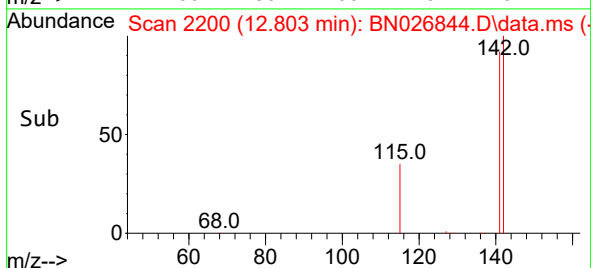
Tgt Ion:142 Resp: 17112
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3

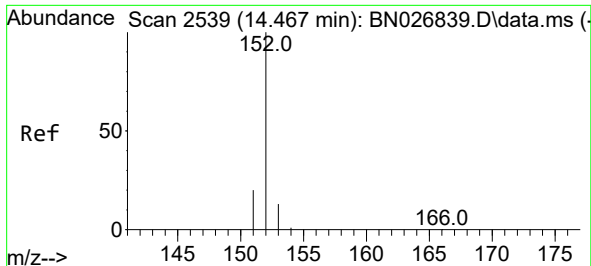


#8
1-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.803 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47



Tgt Ion:142 Resp: 17861
Ion Ratio Lower Upper
142 100
141 92.0 73.2 109.8

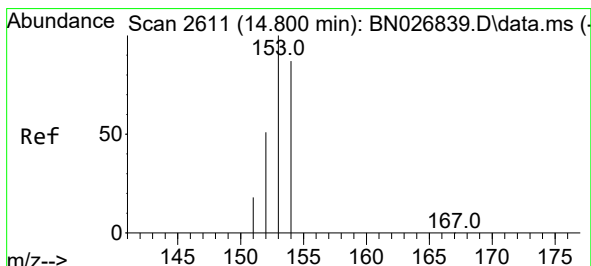
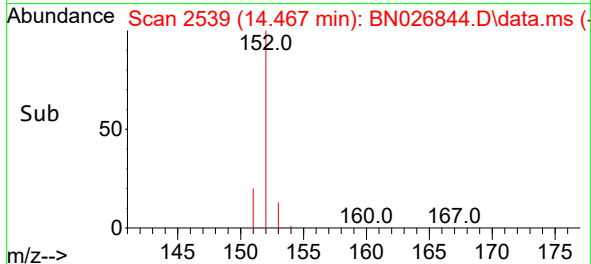
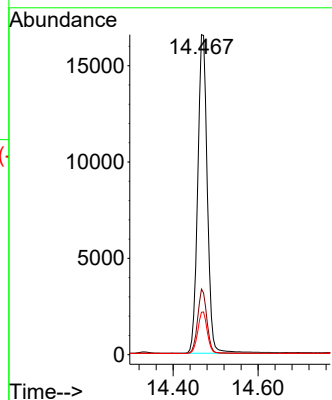
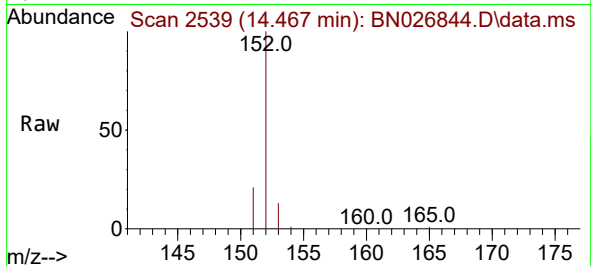




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. -0.009 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

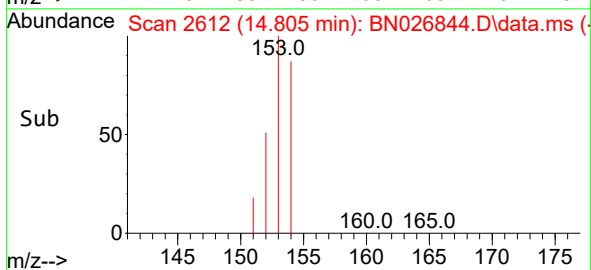
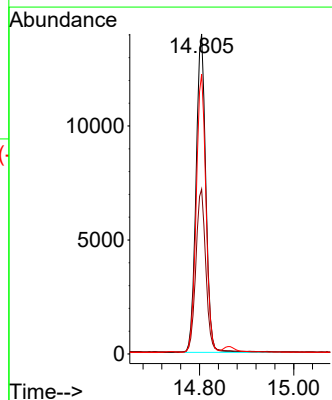
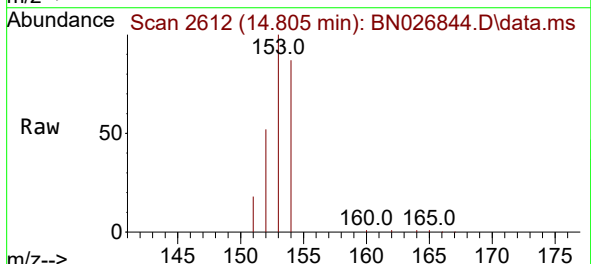
Instrument :
BNA_N
ClientSampleId :

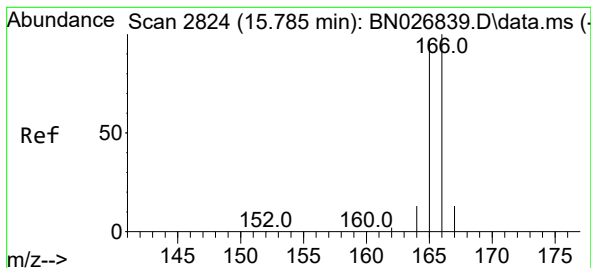
Tgt Ion:152 Resp: 25933
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.805 min Scan# 2612
Delta R.T. -0.005 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

Tgt Ion:153 Resp: 20095
Ion Ratio Lower Upper
153 100
152 51.5 41.1 61.7
154 87.4 71.6 107.4





#12

Fluorene

Concen: 0.385 ng/ul

RT: 15.785 min Scan# 21

Delta R.T. -0.005 min

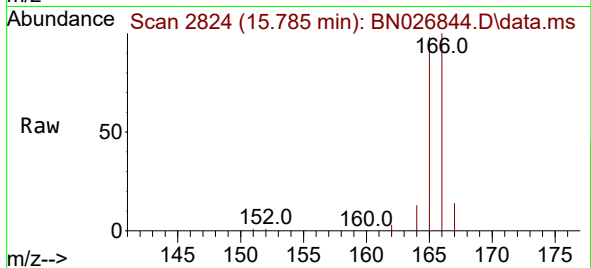
Lab File: BN026844.D

Acq: 08 Aug 2023 11:47

Instrument :

BNA_N

ClientSampleId :



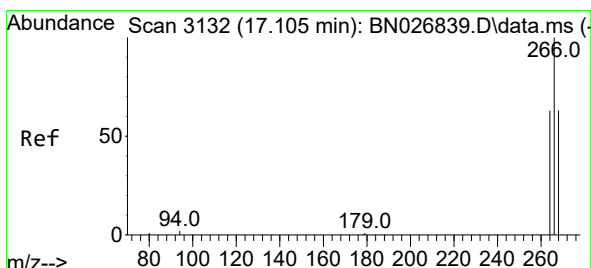
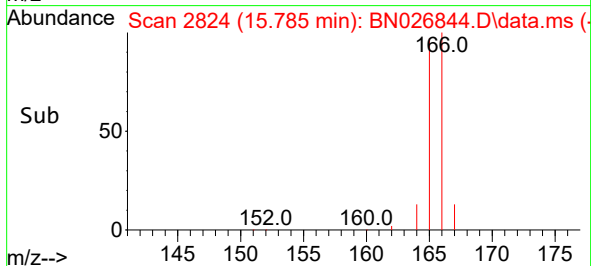
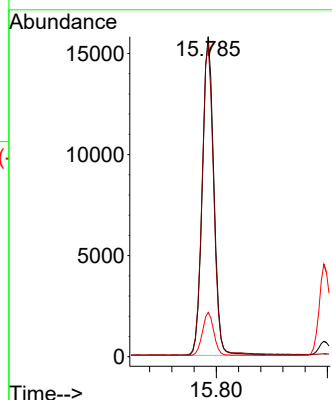
Tgt Ion:166 Resp: 22809

Ion Ratio Lower Upper

166 100

165 97.7 79.1 118.7

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.289 ng/ul

RT: 17.105 min Scan# 3132

Delta R.T. -0.009 min

Lab File: BN026844.D

Acq: 08 Aug 2023 11:47

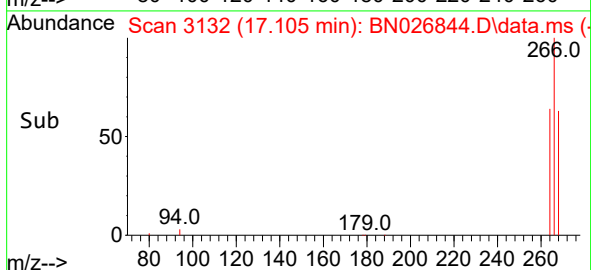
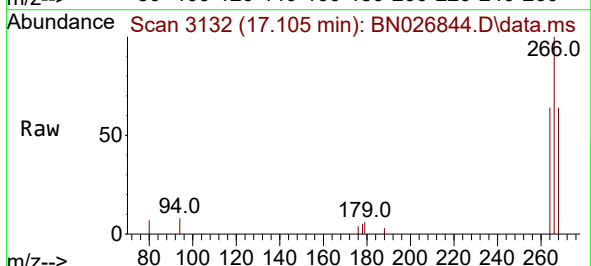
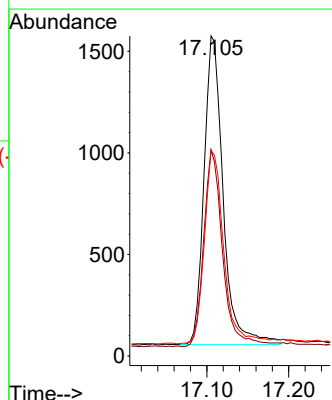
Tgt Ion:266 Resp: 2467

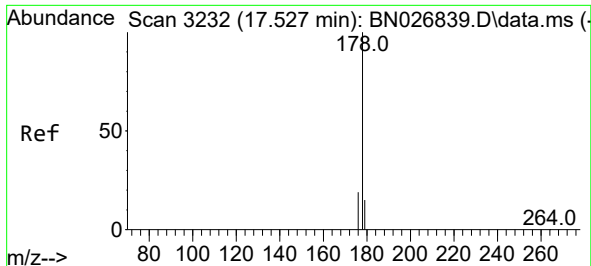
Ion Ratio Lower Upper

266 100

264 63.1 50.4 75.6

268 64.0 51.2 76.8

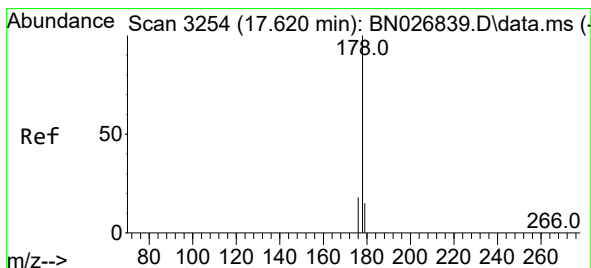
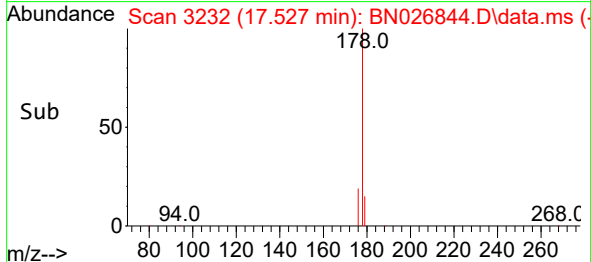
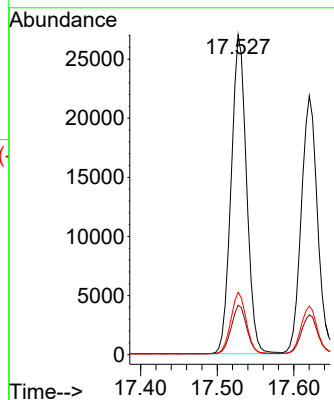
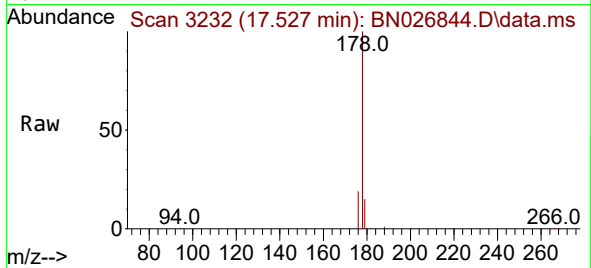




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.527 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

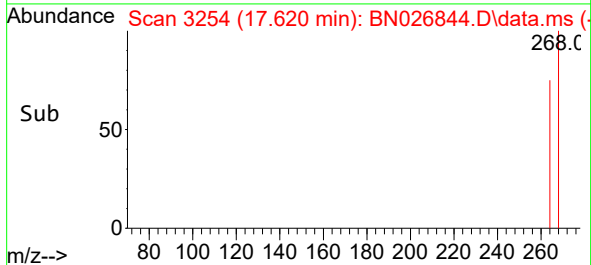
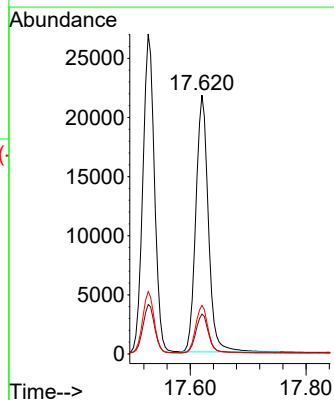
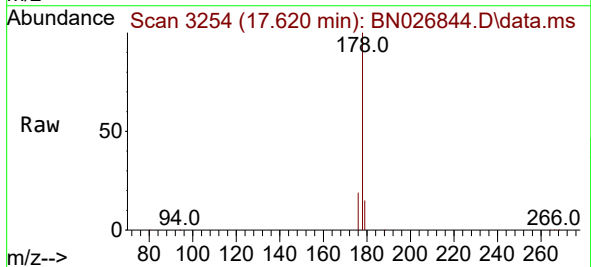
Instrument :
BNA_N
ClientSampleId :

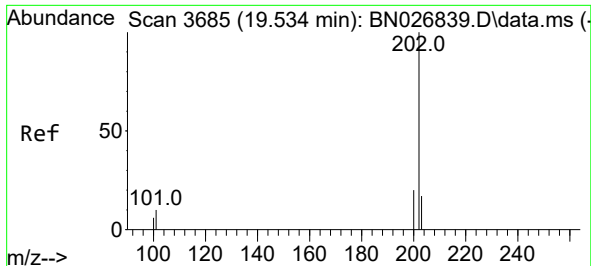
Tgt Ion:178 Resp: 37698
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.620 min Scan# 3254
Delta R.T. -0.004 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

Tgt Ion:178 Resp: 32602
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.8 15.0 22.6

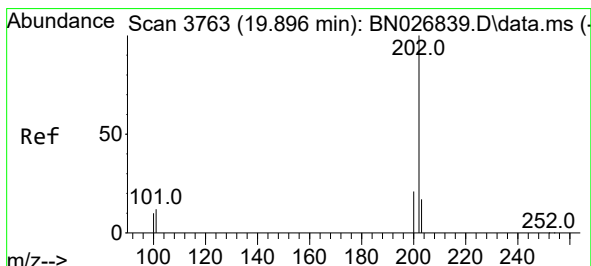
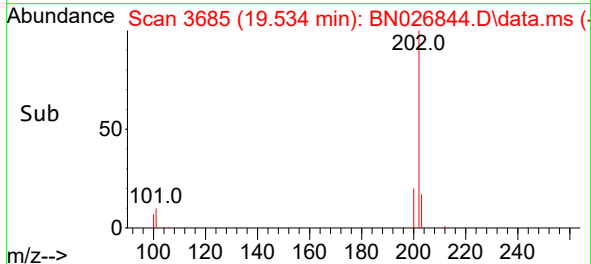
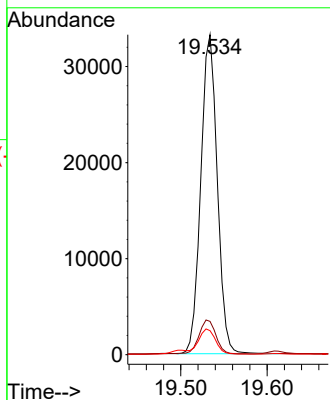
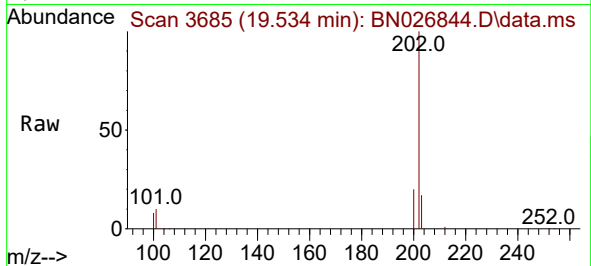




#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.534 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

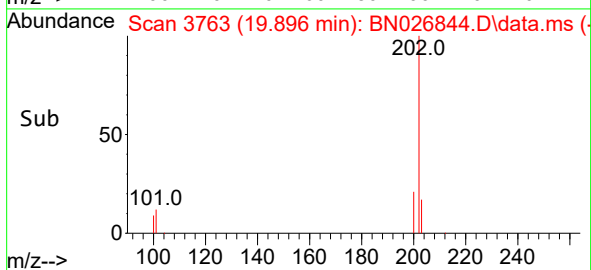
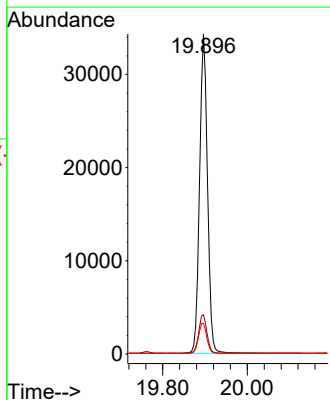
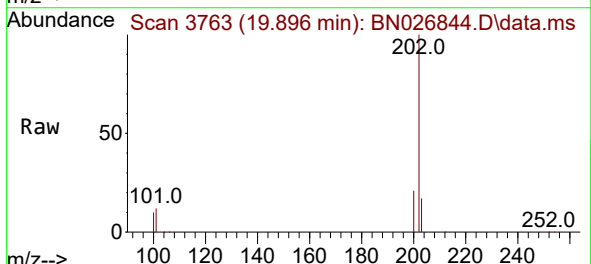
Instrument :
BNA_N
ClientSampleId :

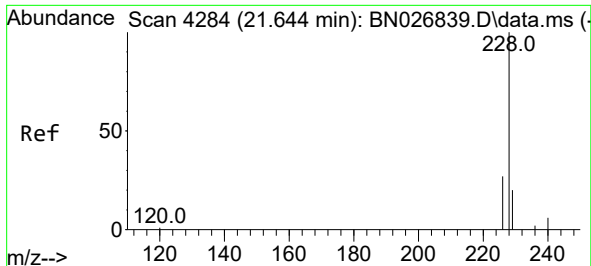
Tgt Ion:202 Resp: 44059
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.5 6.2 9.2



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.896 min Scan# 3763
Delta R.T. -0.005 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

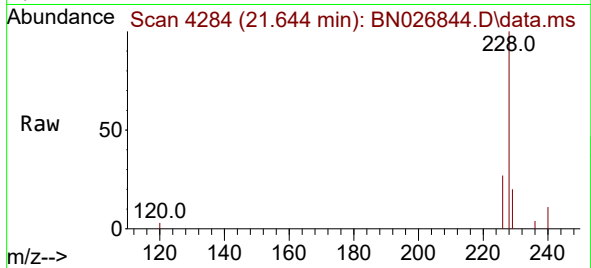
Tgt Ion:202 Resp: 44550
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.6 8.5 12.7



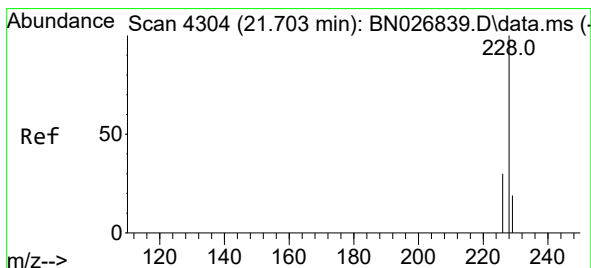
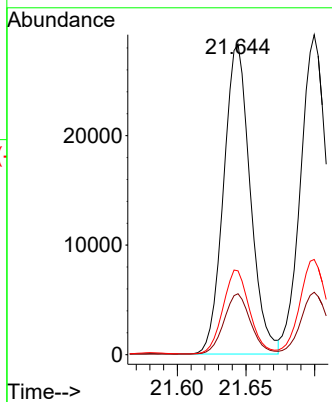
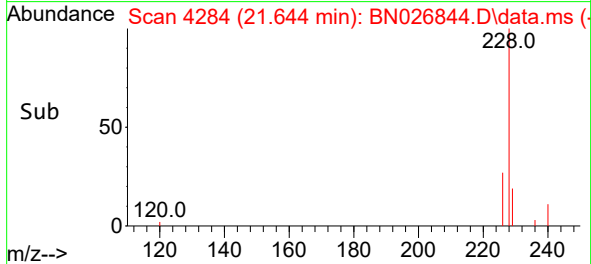


#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.644 min Scan# 431
Delta R.T. -0.009 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

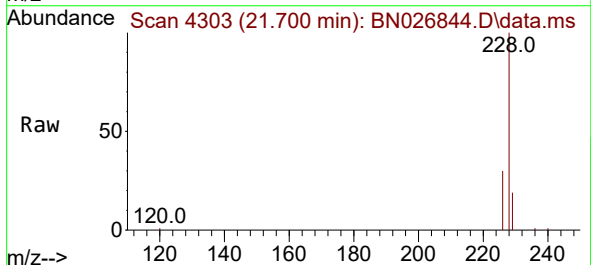
Instrument :
BNA_N
ClientSampleId :



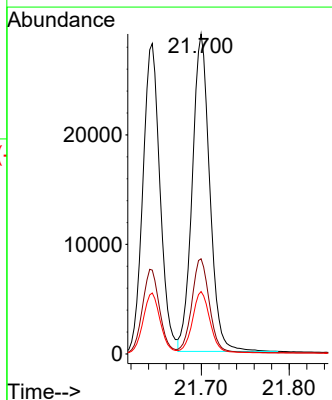
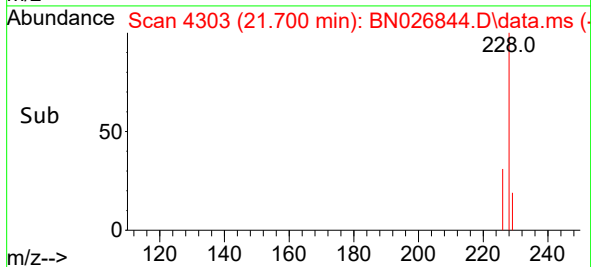
Tgt Ion:228 Resp: 38265
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.0 22.2 33.2

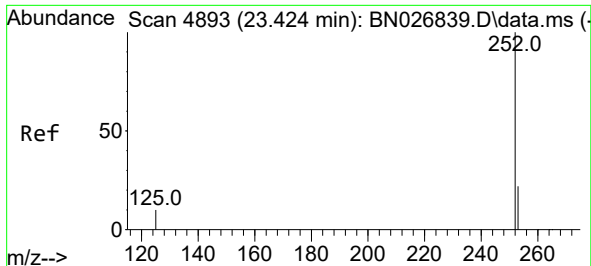


#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.700 min Scan# 4303
Delta R.T. -0.009 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47



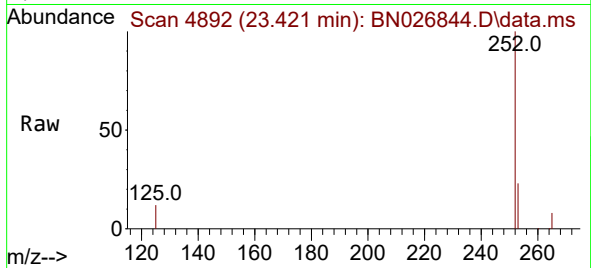
Tgt Ion:228 Resp: 39938
Ion Ratio Lower Upper
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226 29.7 24.6 36.8
229 19.5 15.8 23.6



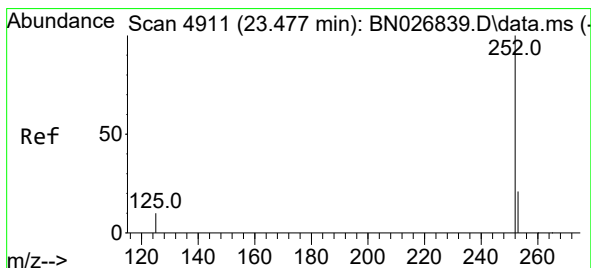
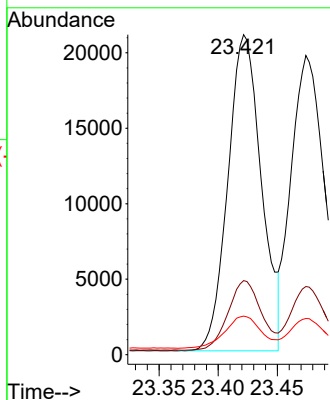


#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.421 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

Instrument :
BNA_N
ClientSampleId :

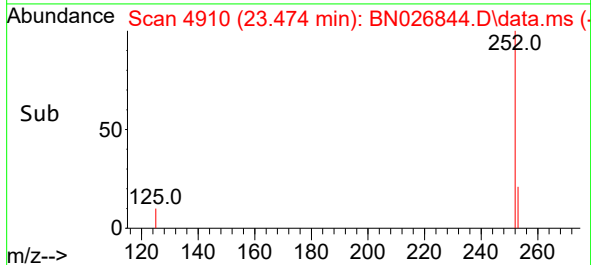
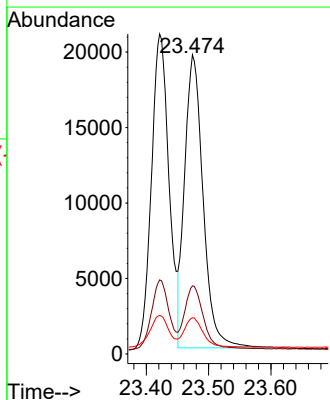
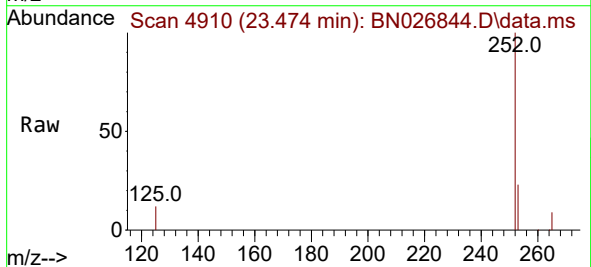


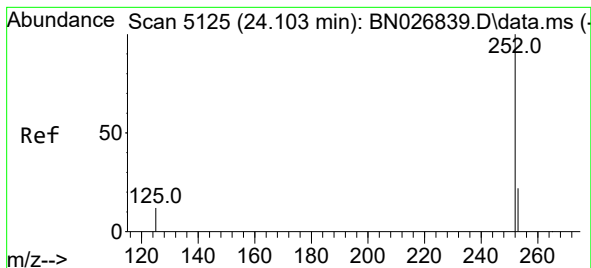
Tgt Ion:252 Resp: 41236
Ion Ratio Lower Upper
252 100
253 23.1 0.0 46.8
125 12.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.474 min Scan# 4910
Delta R.T. -0.012 min
Lab File: BN026844.D
Acq: 08 Aug 2023 11:47

Tgt Ion:252 Resp: 40025
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 12.1 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.424 ng/ul

RT: 24.100 min Scan# 51

Delta R.T. -0.012 min

Lab File: BN026844.D

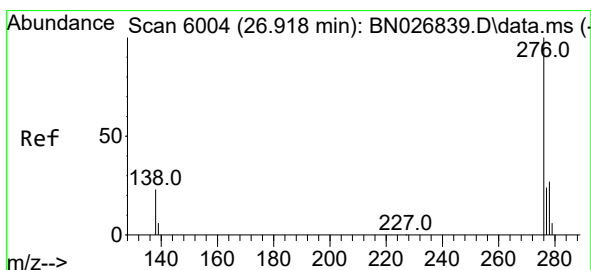
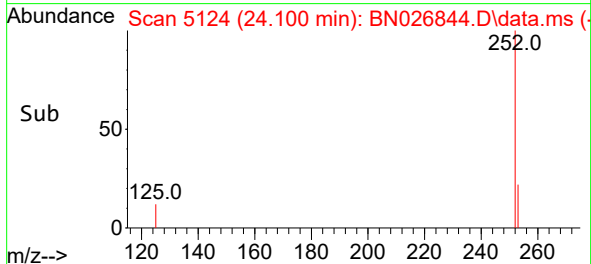
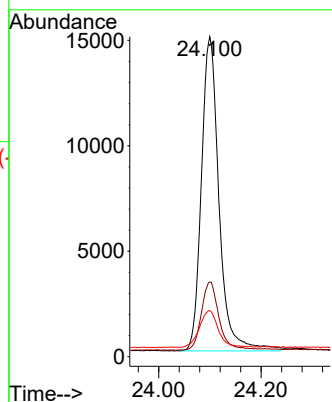
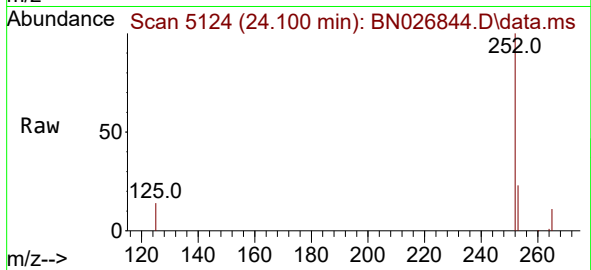
Acq: 08 Aug 2023 11:47

Instrument :

BN026844.D

ClientSampleId :

Tgt Ion:252	Resp:	35630
Ion Ratio	Lower	Upper
252	100	
253	23.4	19.0 28.6
125	14.4	11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.405 ng/ul

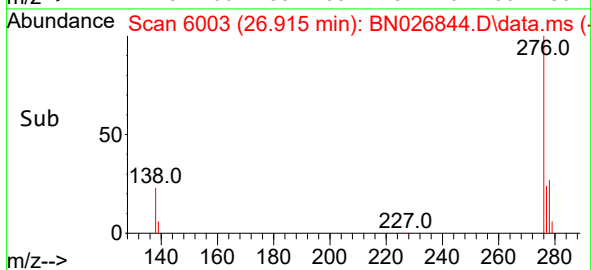
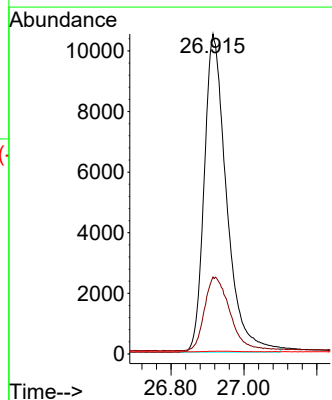
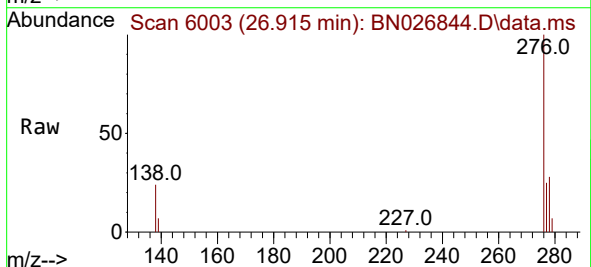
RT: 26.915 min Scan# 6003

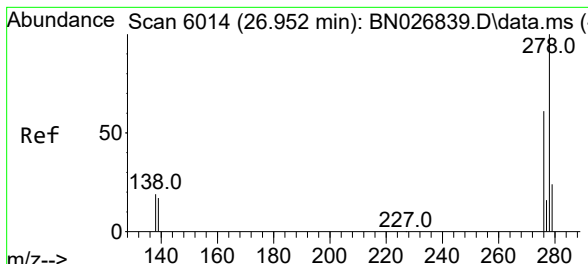
Delta R.T. -0.014 min

Lab File: BN026844.D

Acq: 08 Aug 2023 11:47

Tgt Ion:276	Resp:	44599
Ion Ratio	Lower	Upper
276	100	
138	26.4	21.6 32.4
227	0.1	0.0 0.0#

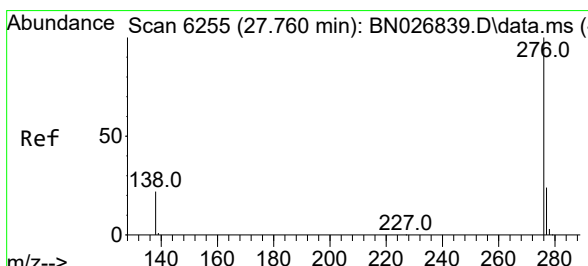
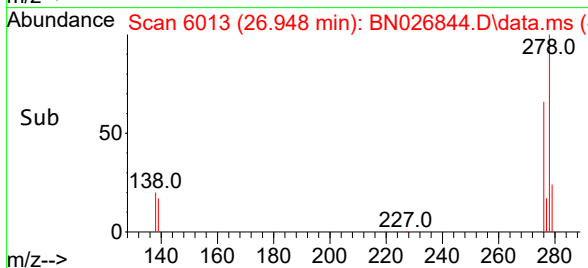
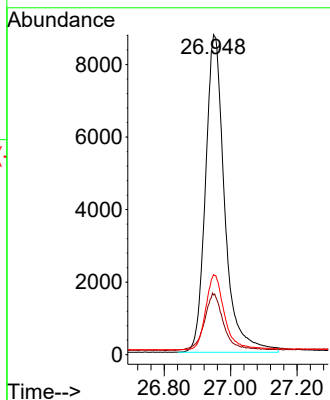
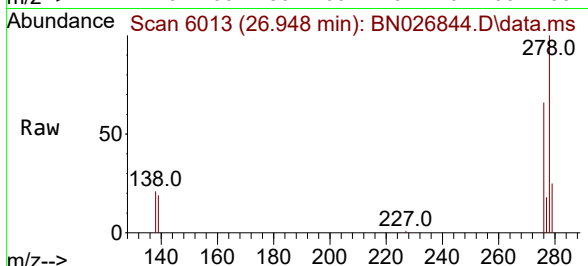




#28
 Dibenzo(a,h)anthracene
 Concen: 0.399 ng/ul
 RT: 26.948 min Scan# 6013
 Delta R.T. -0.020 min
 Lab File: BN026844.D
 Acq: 08 Aug 2023 11:47

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:	278	Resp:	34994
Ion Ratio	Lower	Upper	
278	100		
139	18.7	15.7	23.5
279	25.0	20.2	30.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.401 ng/ul
 RT: 27.757 min Scan# 6254
 Delta R.T. -0.014 min
 Lab File: BN026844.D
 Acq: 08 Aug 2023 11:47

Tgt Ion:	276	Resp:	36712
Ion Ratio	Lower	Upper	
276	100		
138	23.9	19.3	28.9
277	24.1	19.8	29.8

