

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026463.D
 Acq On : 11 Jul 2023 15:17
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:12:21 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

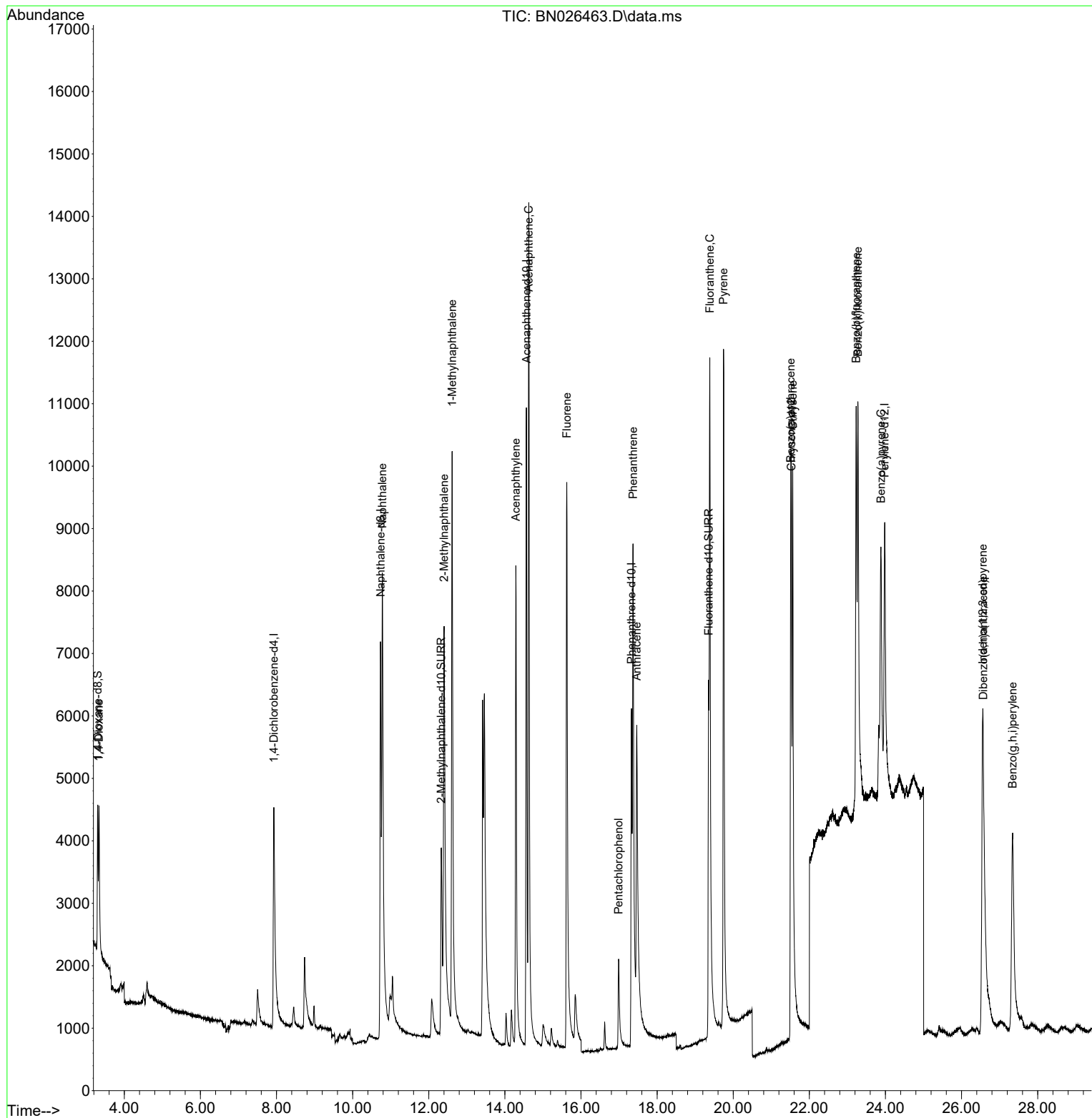
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4018	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	14001	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.567	164	7100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	9981	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	6582	0.400	ng/ul	0.01
23) Perylene-d12	23.981	264	6956	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1828	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6749	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	9541	0.381	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	1931	0.402	ng/ul	97
5) Naphthalene	10.781	128	15277	0.381	ng/ul	99
7) 2-Methylnaphthalene	12.404	142	7840	0.307	ng/ul	99
8) 1-Methylnaphthalene	12.613	142	8848	0.334	ng/ul	99
10) Acenaphthylene	14.289	152	12677	0.381	ng/ul	98
11) Acenaphthene	14.627	153	10355	0.381	ng/ul	99
12) Fluorene	15.626	166	9833	0.315	ng/ul	98
14) Pentachlorophenol	16.989	266	1625	0.454	ng/ul	99
15) Phenanthrene	17.369	178	12222	0.371	ng/ul	98
16) Anthracene	17.466	178	10142	0.346	ng/ul	95
19) Fluoranthene	19.383	202	13298	0.378	ng/ul	99
20) Pyrene	19.745	202	14376	0.393	ng/ul	97
21) Benzo(a)anthracene	21.511	228	9089	0.335	ng/ul	96
22) Chrysene	21.563	228	10700	0.379	ng/ul	99
24) Benzo(b)fluoranthene	23.232	252	10293	0.347	ng/ul	90
25) Benzo(k)fluoranthene	23.276	252	11611	0.389	ng/ul	92
26) Benzo(a)pyrene	23.881	252	9491	0.368	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.557	276	11108	0.394	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.570	278	8322	0.390	ng/ul#	89
29) Benzo(g,h,i)perylene	27.342	276	10283	0.410	ng/ul	97

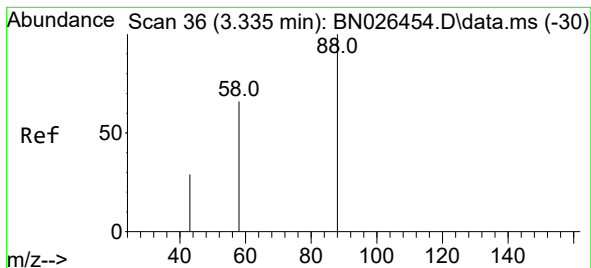
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.402 ng/ul

RT: 3.335 min Scan# 30

Delta R.T. -0.004 min

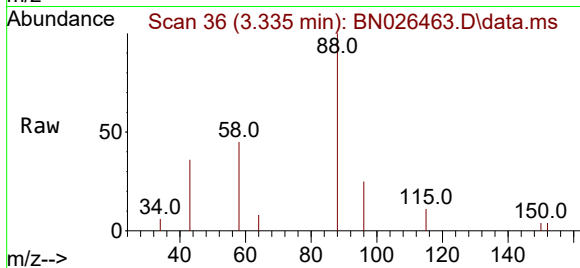
Lab File: BN026463.D

Acq: 11 Jul 2023 15:17

Instrument :

BNA_N

ClientSampleId :



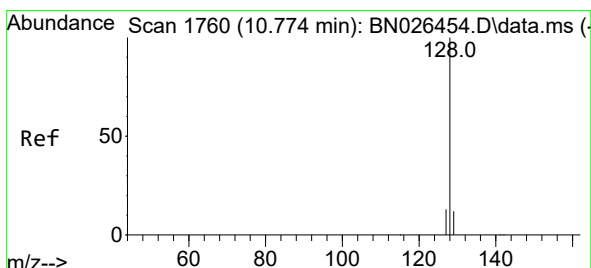
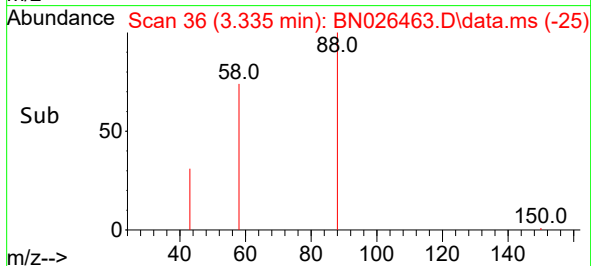
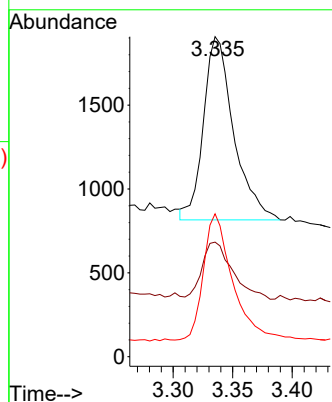
Tgt Ion: 88 Resp: 1931

Ion Ratio Lower Upper

88 100

43 35.8 29.5 44.3

58 44.7 37.4 56.2



#5

Naphthalene

Concen: 0.381 ng/ul

RT: 10.781 min Scan# 1761

Delta R.T. -0.005 min

Lab File: BN026463.D

Acq: 11 Jul 2023 15:17

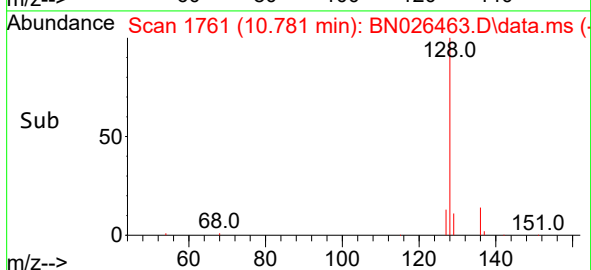
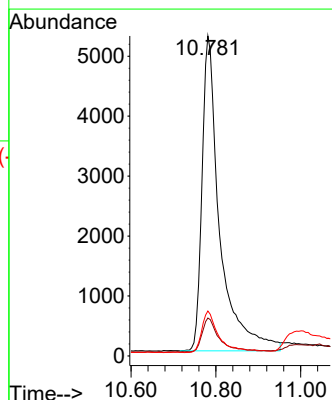
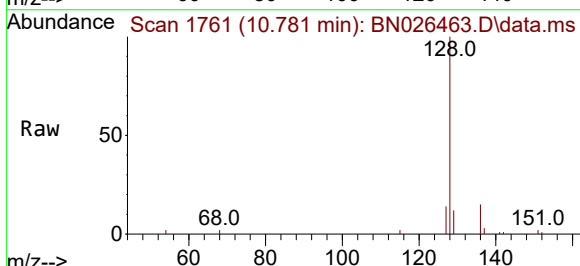
Tgt Ion: 128 Resp: 15277

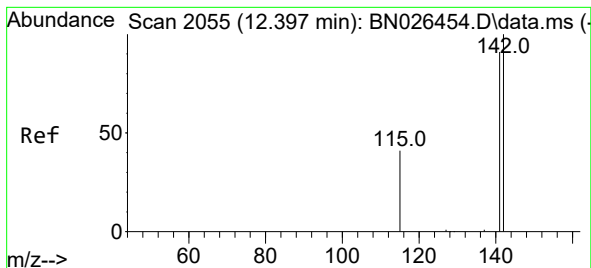
Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

127 14.1 10.7 16.1

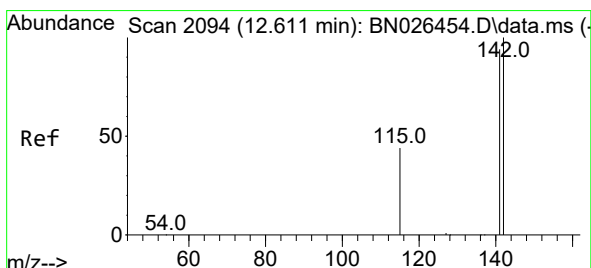
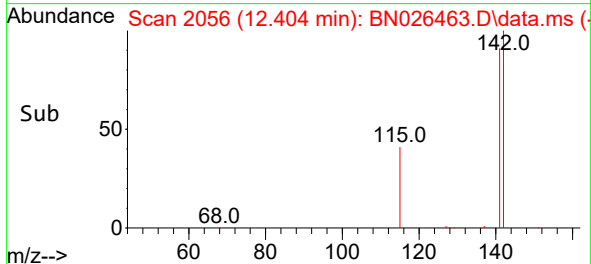
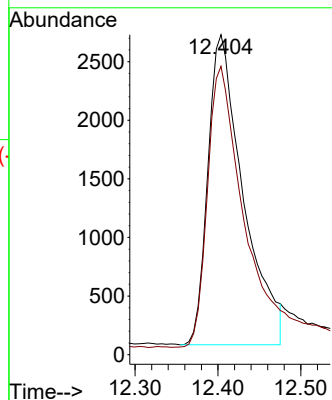
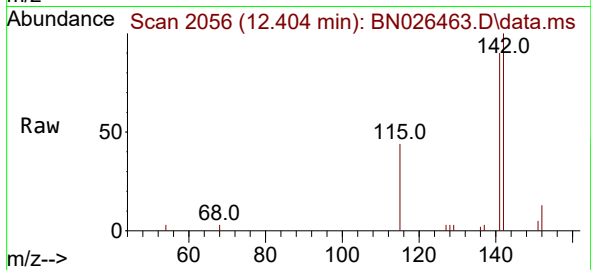




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.404 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

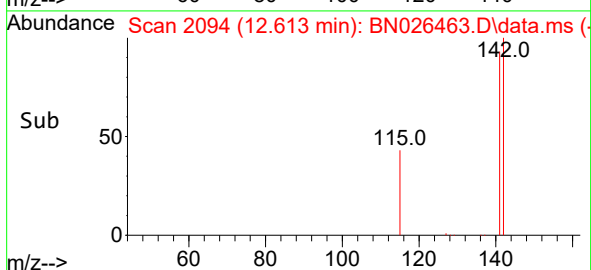
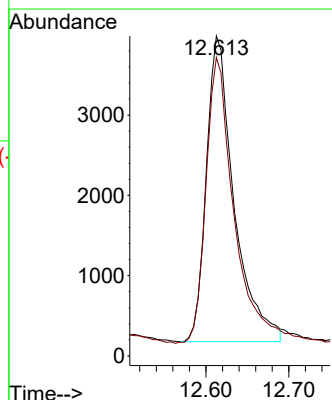
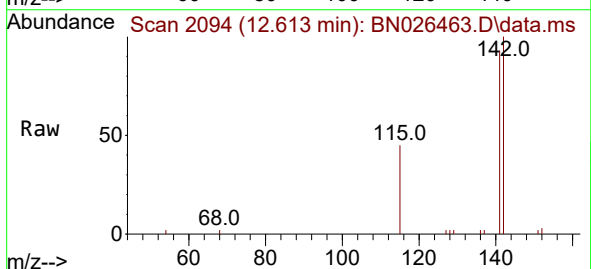
Instrument :
BNA_N
ClientSampleId :

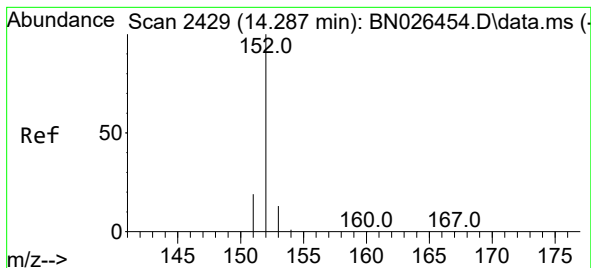
Tgt Ion:142 Resp: 7840
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.613 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Tgt Ion:142 Resp: 8848
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4





#10

Acenaphthylene

Concen: 0.381 ng/ul

RT: 14.289 min Scan# 2429

Delta R.T. -0.004 min

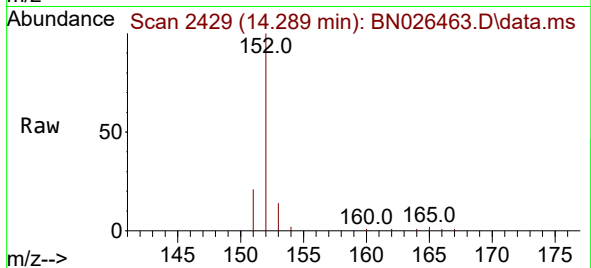
Lab File: BN026463.D

Acq: 11 Jul 2023 15:17

Instrument :

BNA_N

ClientSampleId :



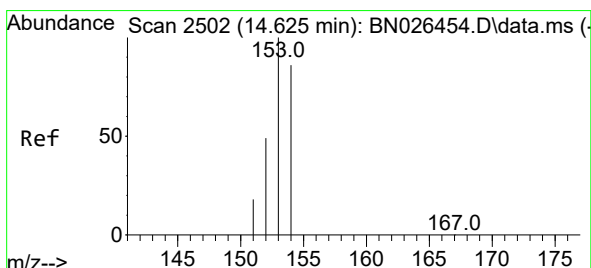
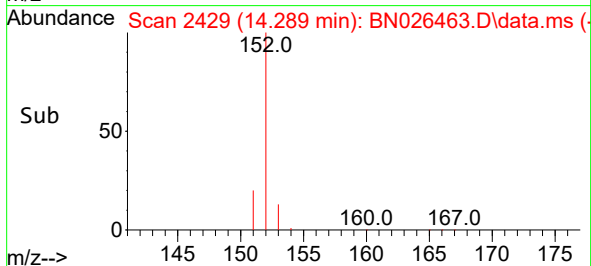
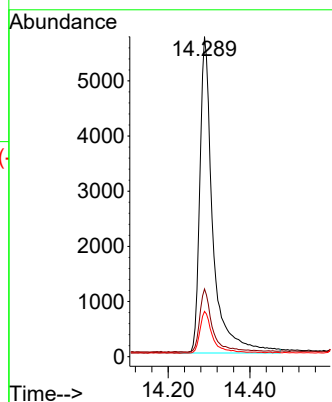
Tgt Ion:152 Resp: 12677

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

153 14.2 10.9 16.3



#11

Acenaphthene

Concen: 0.381 ng/ul

RT: 14.627 min Scan# 2502

Delta R.T. -0.004 min

Lab File: BN026463.D

Acq: 11 Jul 2023 15:17

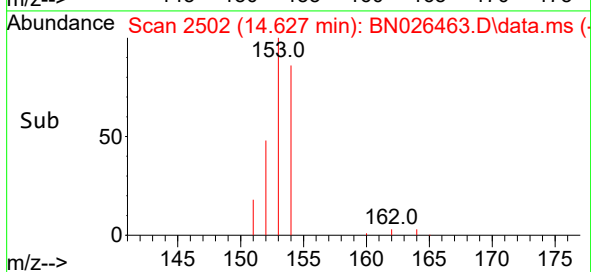
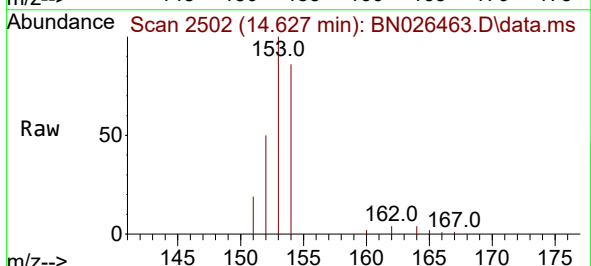
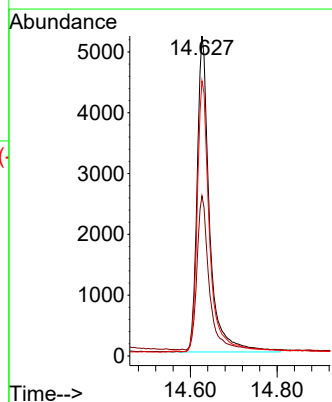
Tgt Ion:153 Resp: 10355

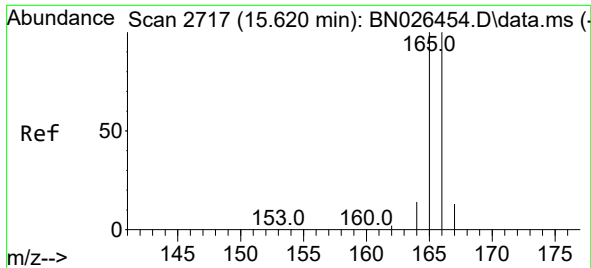
Ion Ratio Lower Upper

153 100

152 50.0 39.4 59.0

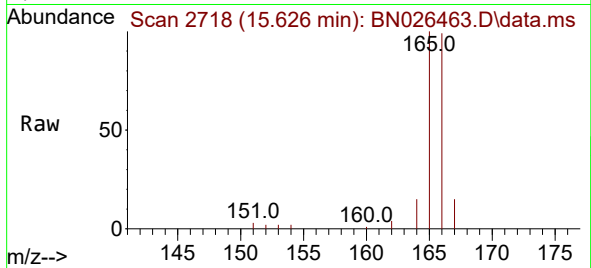
154 86.0 68.9 103.3



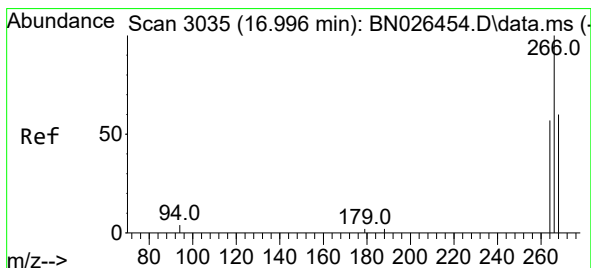
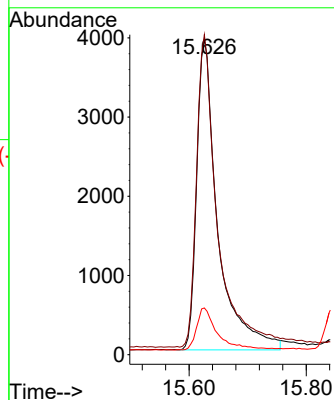


#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.626 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Instrument :
BNA_N
ClientSampleId :

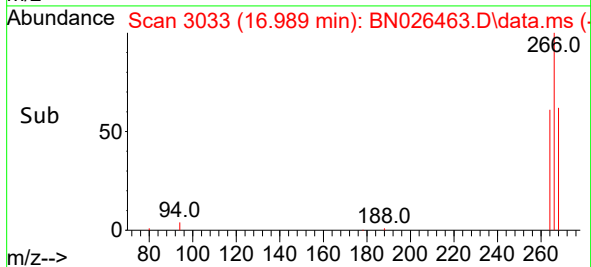
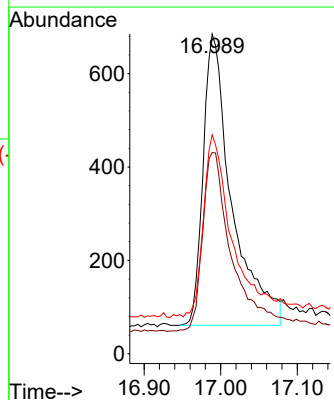
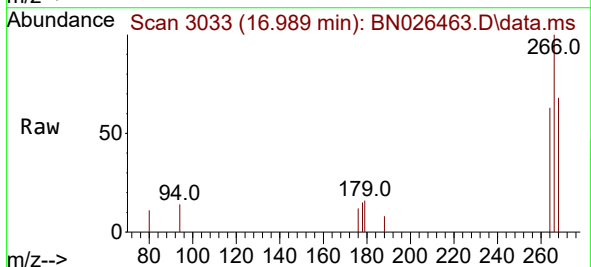


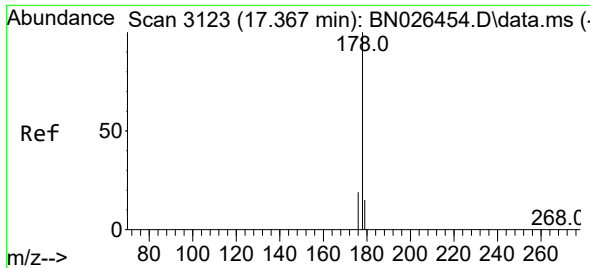
Tgt Ion:166 Resp: 9833
Ion Ratio Lower Upper
166 100
165 101.5 79.9 119.9
167 14.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.454 ng/ul
RT: 16.989 min Scan# 3033
Delta R.T. -0.007 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Tgt Ion:266 Resp: 1625
Ion Ratio Lower Upper
266 100
264 62.7 50.5 75.7
268 63.9 51.6 77.4

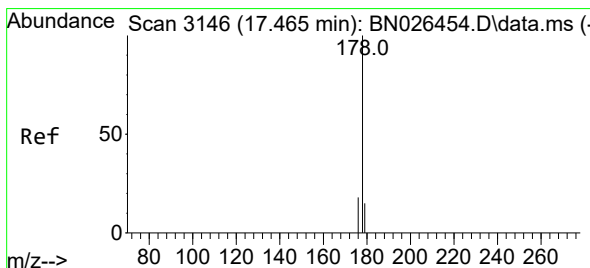
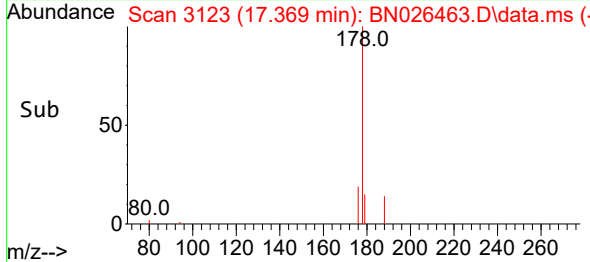
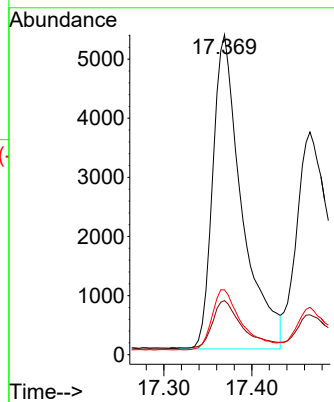
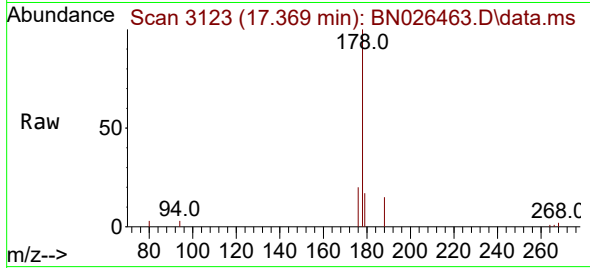




#15
 Phenanthrene
 Concen: 0.371 ng/ul
 RT: 17.369 min Scan# 3123
 Delta R.T. 0.001 min
 Lab File: BN026463.D
 Acq: 11 Jul 2023 15:17

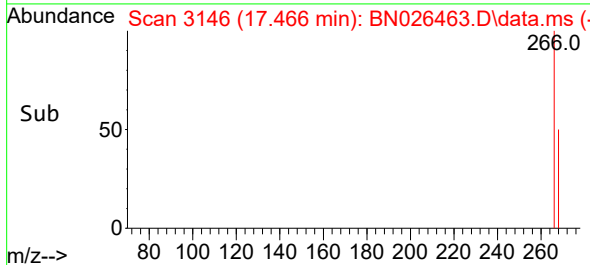
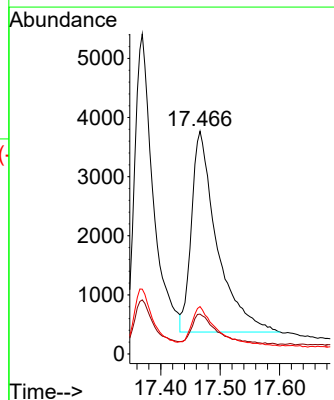
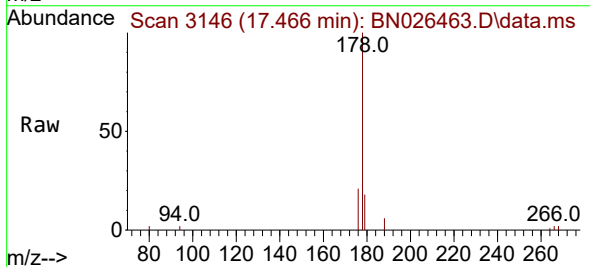
Instrument :
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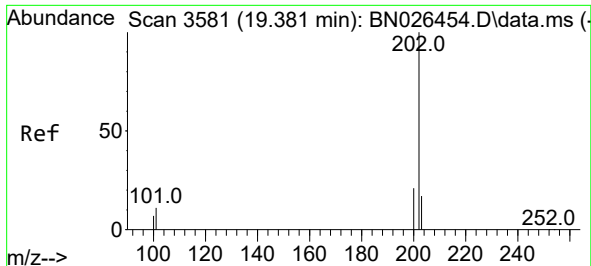
Tgt Ion:178 Resp: 12222
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.6 19.0
 176 20.3 15.8 23.6



#16
 Anthracene
 Concen: 0.346 ng/ul
 RT: 17.466 min Scan# 3146
 Delta R.T. 0.001 min
 Lab File: BN026463.D
 Acq: 11 Jul 2023 15:17

Tgt Ion:178 Resp: 10142
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.6 18.8
 176 21.3 15.1 22.7

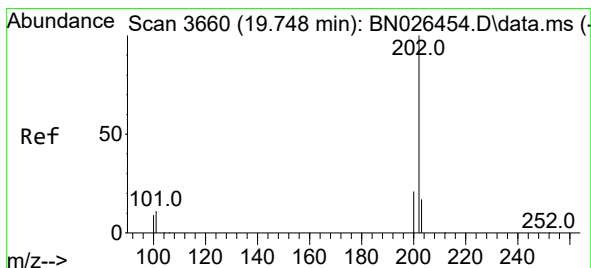
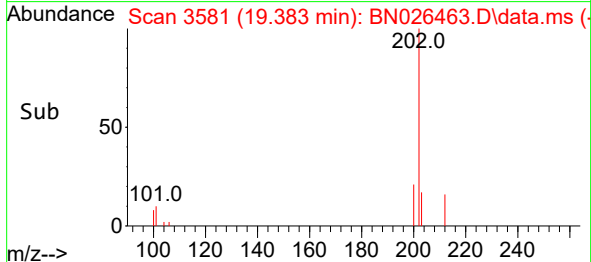
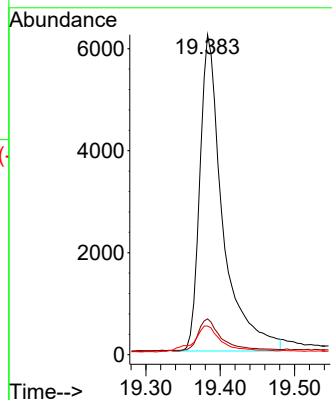
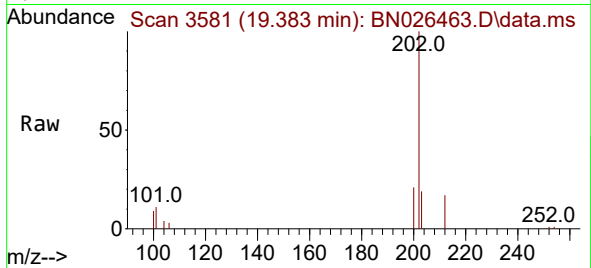




#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.383 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

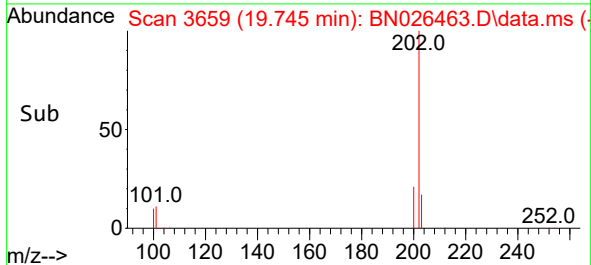
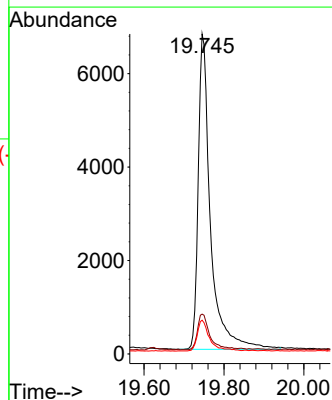
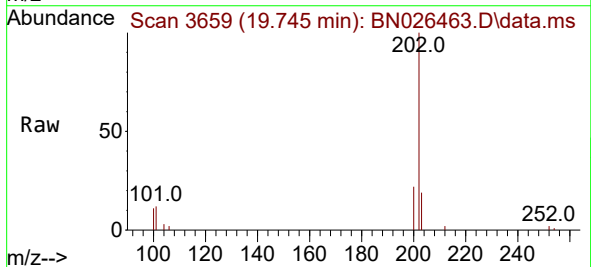
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BNA_N
ClientSampleId :

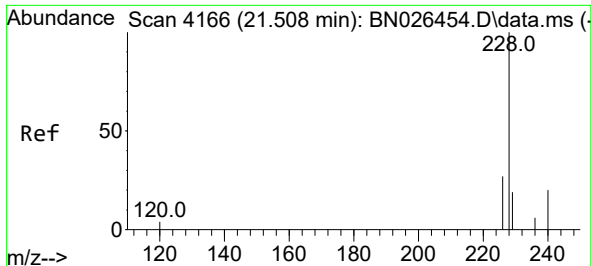
Tgt Ion:202 Resp: 13298
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

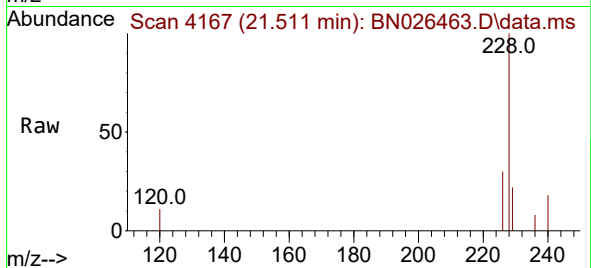
Tgt Ion:202 Resp: 14376
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.6 9.1 13.7



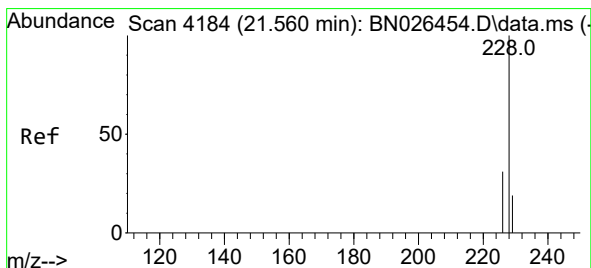
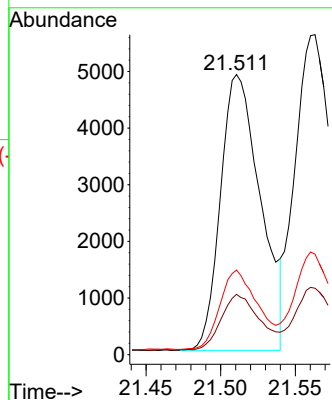
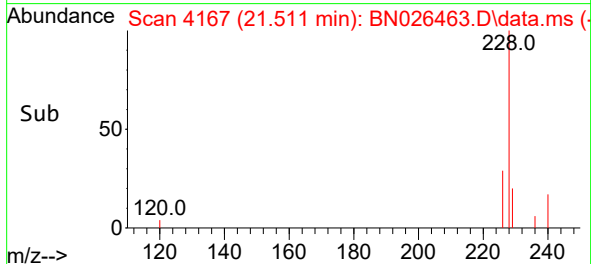


#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. 0.011 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Instrument :
BNA_N
ClientSampleId :

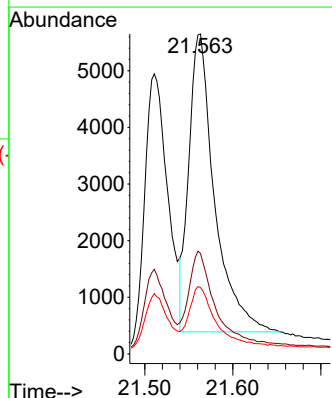
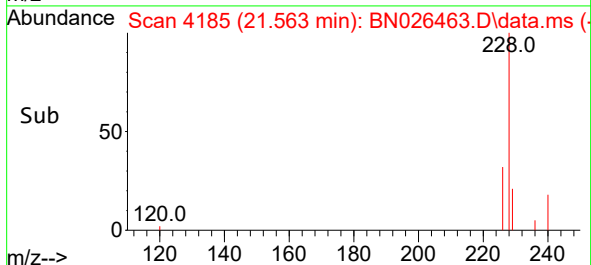
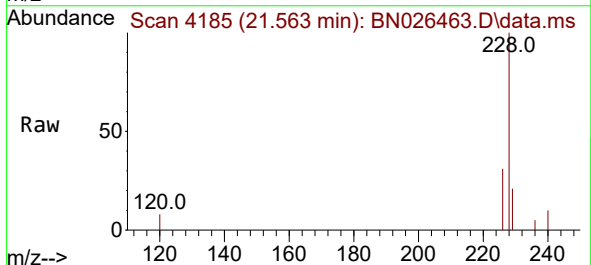


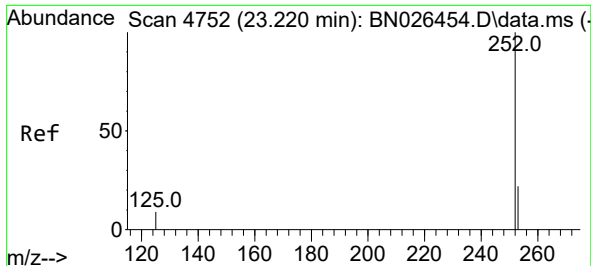
Tgt Ion:228 Resp: 9089
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 30.2 22.5 33.7



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.563 min Scan# 4185
Delta R.T. 0.011 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

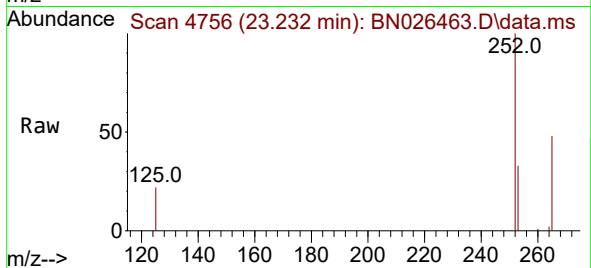
Tgt Ion:228 Resp: 10700
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.7 15.7 23.5



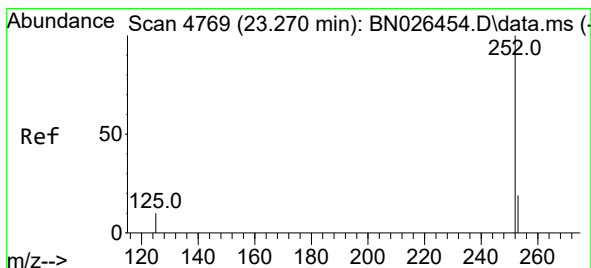
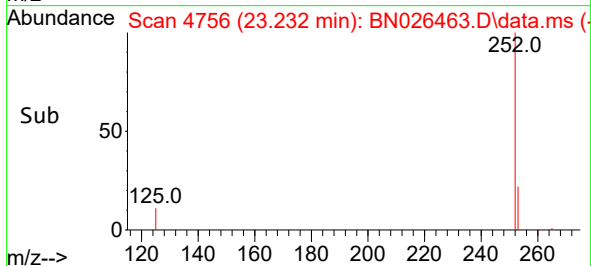
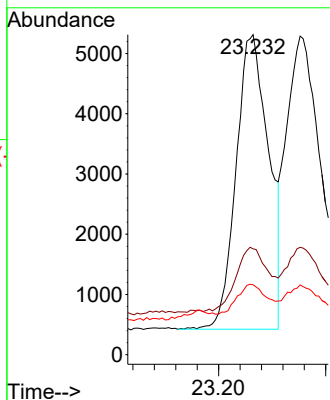


#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.232 min Scan# 4756
Delta R.T. 0.014 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Instrument :
BNA_N
ClientSampleId :

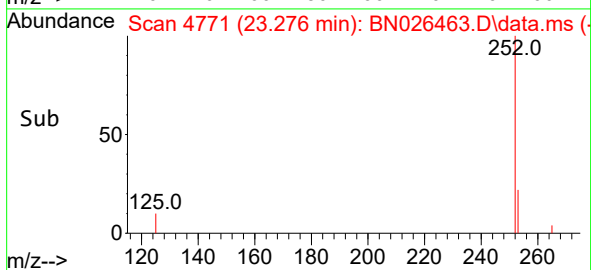
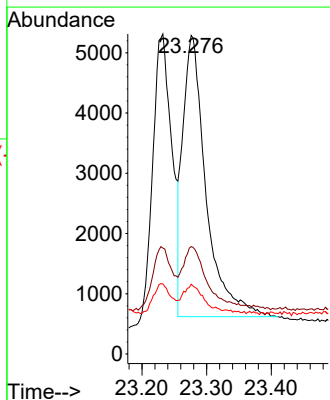
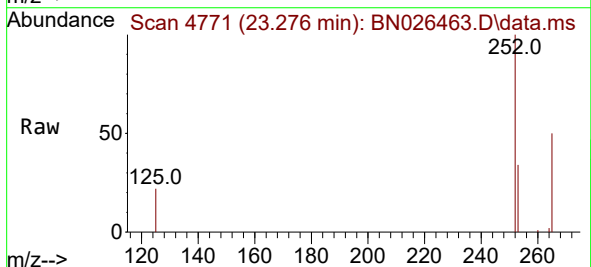


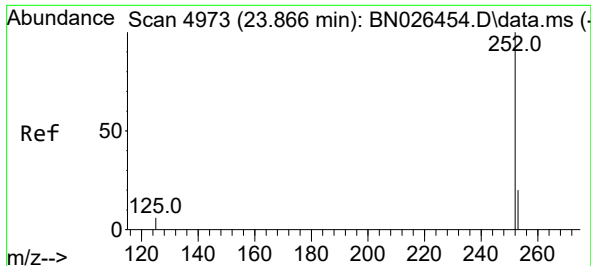
Tgt Ion:252 Resp: 10293
Ion Ratio Lower Upper
252 100
253 33.1 0.0 55.6
125 21.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.276 min Scan# 4771
Delta R.T. 0.014 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

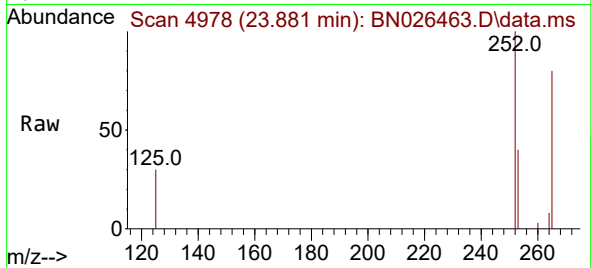
Tgt Ion:252 Resp: 11611
Ion Ratio Lower Upper
252 100
253 33.7 23.2 34.8
125 21.9 15.0 22.4



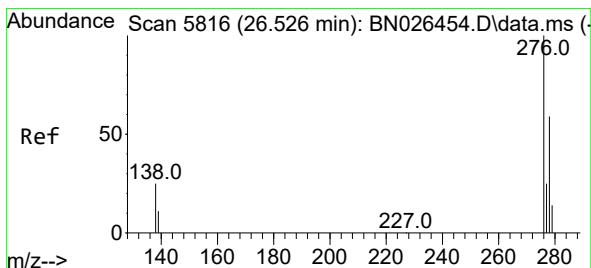
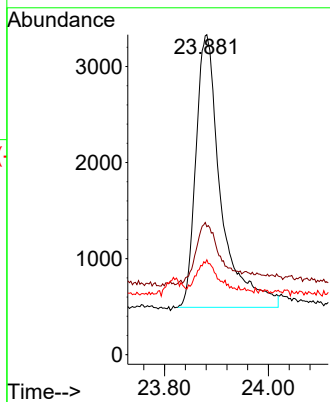
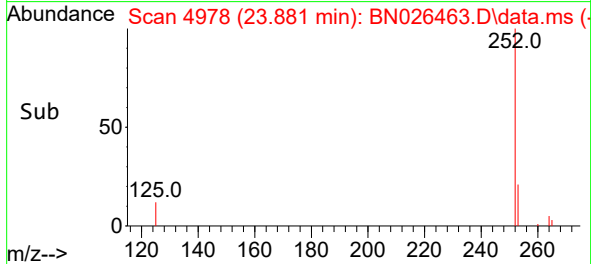


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.881 min Scan# 4978
Delta R.T. 0.011 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

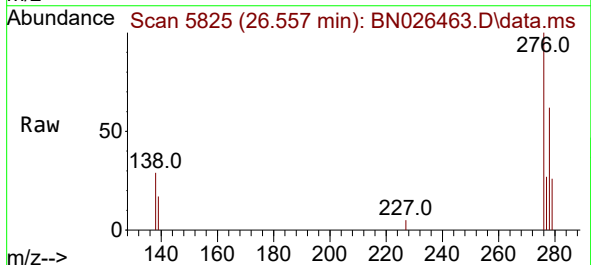
Instrument :
BNA_N
ClientSampleId :



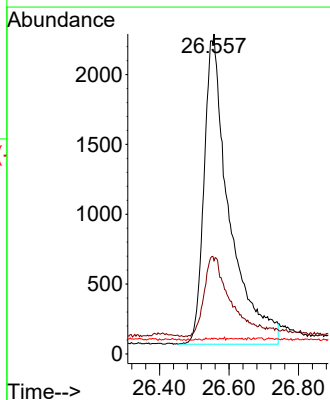
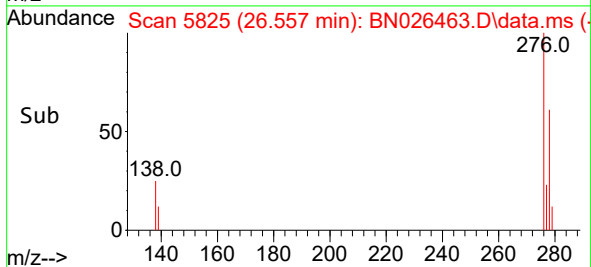
Tgt Ion:252 Resp: 9491
Ion Ratio Lower Upper
252 100
253 40.0 26.0 39.0#
125 29.6 17.3 25.9#

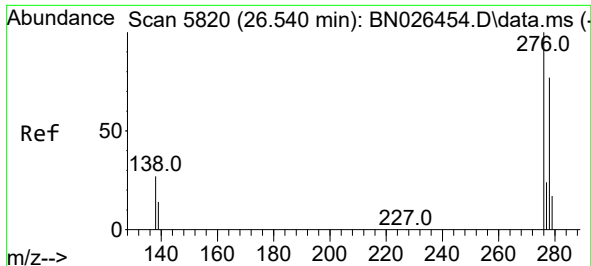


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. 0.016 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17



Tgt Ion:276 Resp: 11108
Ion Ratio Lower Upper
276 100
138 28.3 24.5 36.7
227 0.1 0.0 0.0#

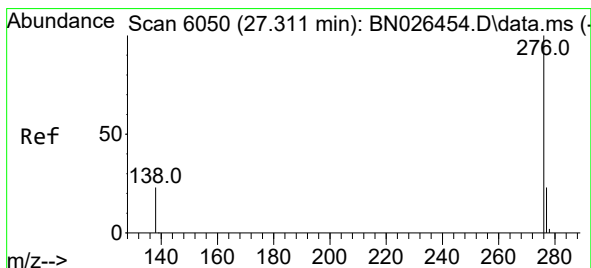
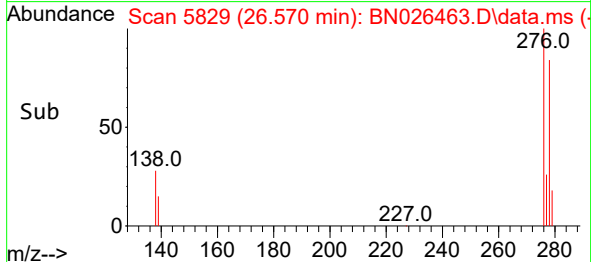
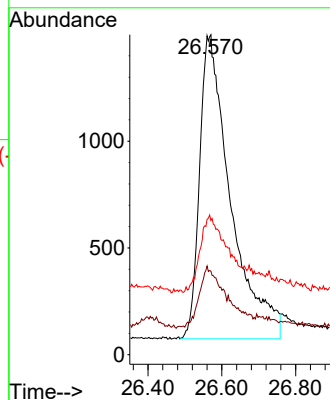
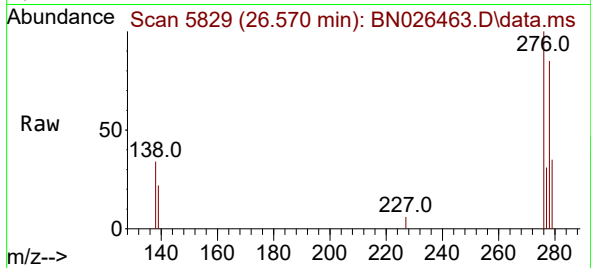




#28
Dibenzo(a,h)anthracene
Concen: 0.390 ng/ul
RT: 26.570 min Scan# 5829
Delta R.T. 0.009 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8322
Ion Ratio Lower Upper
278 100
139 26.1 19.0 28.4
279 42.0 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 27.342 min Scan# 6059
Delta R.T. 0.006 min
Lab File: BN026463.D
Acq: 11 Jul 2023 15:17

Tgt Ion:276 Resp: 10283
Ion Ratio Lower Upper
276 100
138 28.7 23.4 35.0
277 27.5 20.0 30.0

