

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026804.D
 Acq On : 03 Aug 2023 14:01
 Operator : MA/JU
 Sample : SST0.822
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8240

Quant Time: Aug 04 03:38:41 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 : Thu Aug 03 15:46:03 2023
 Response via : Initial Calibration

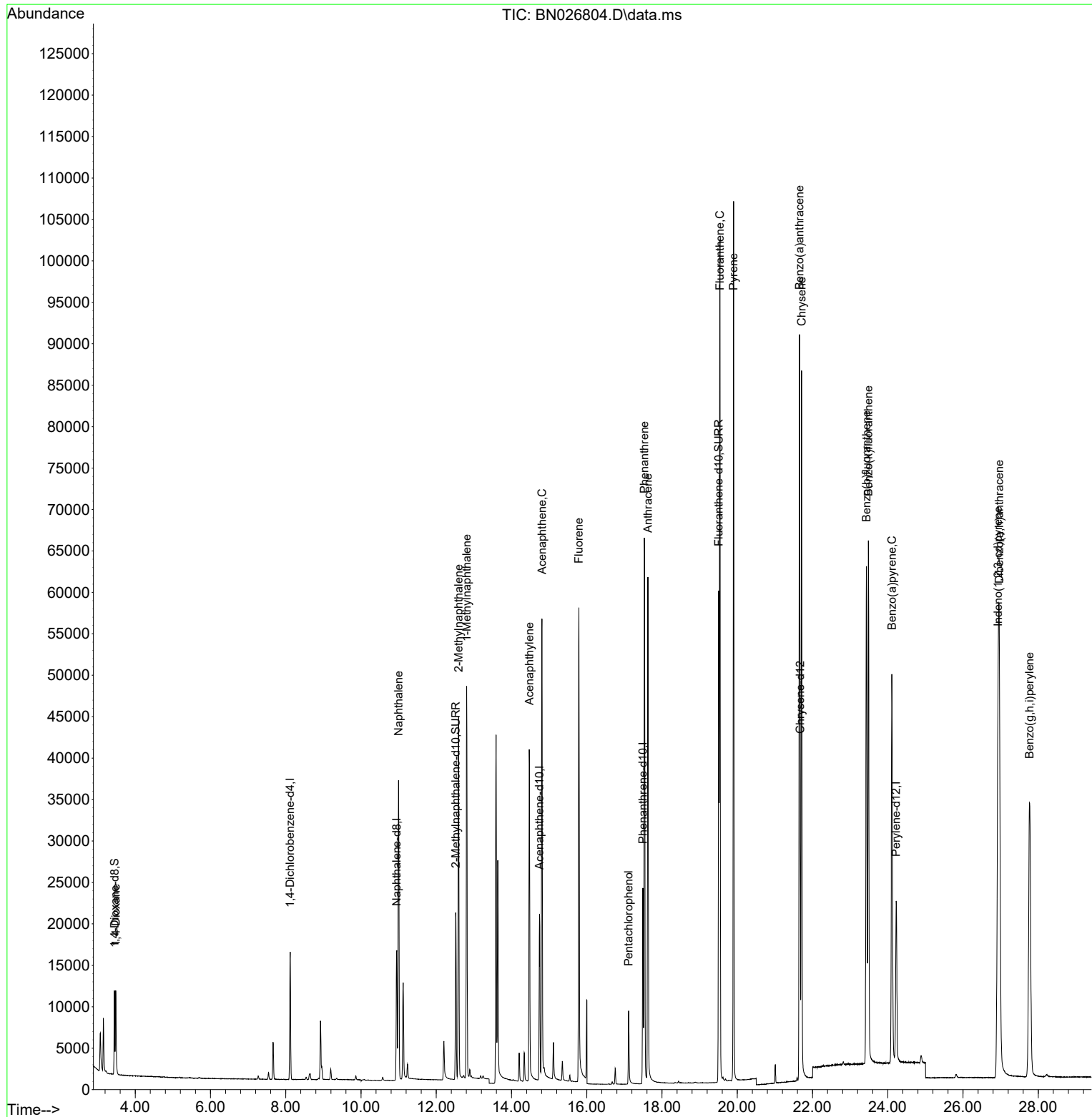
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	7690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	22274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	11753	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.489	188	28978	0.400	ng/ul	0.00
17) Chrysene-d12	21.671	240	25964	0.400	ng/ul	0.00
23) Perylene-d12	24.223	264	28985	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	7191	0.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	26297	0.802	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	64880	0.791	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.481	88	7481	0.803	ng/ul	94
5) Naphthalene	10.999	128	50223	0.798	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	30724	0.806	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	31844	0.798	ng/ul	99
10) Acenaphthylene	14.472	152	48710	0.740	ng/ul	99
11) Acenaphthene	14.809	153	34701	0.762	ng/ul	99
12) Fluorene	15.790	166	40106	0.778	ng/ul	97
14) Pentachlorophenol	17.114	266	6088	0.743	ng/ul	100
15) Phenanthrene	17.532	178	72000	0.756	ng/ul	99
16) Anthracene	17.624	178	66709	0.775	ng/ul	99
19) Fluoranthene	19.538	202	84666	0.785	ng/ul	100
20) Pyrene	19.901	202	88232	0.767	ng/ul	98
21) Benzo(a)anthracene	21.653	228	79983	0.775	ng/ul	99
22) Chrysene	21.709	228	79419	0.779	ng/ul	99
24) Benzo(b)fluoranthene	23.433	252	86601	0.790	ng/ul	98
25) Benzo(k)fluoranthene	23.486	252	85256	0.788	ng/ul	99
26) Benzo(a)pyrene	24.109	252	77888	0.787	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.932	276	101601	0.785	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.962	278	81128	0.787	ng/ul	98
29) Benzo(g,h,i)perylene	27.767	276	84231	0.782	ng/ul	99

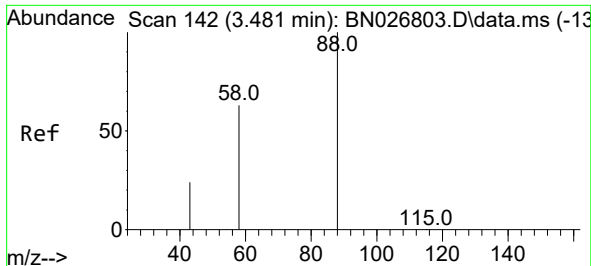
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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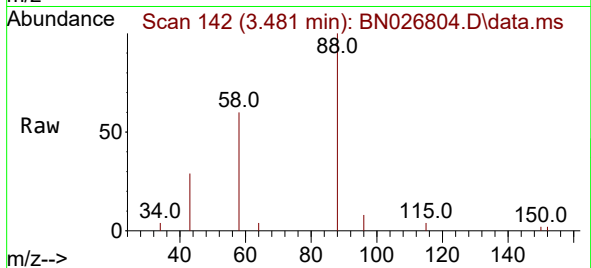
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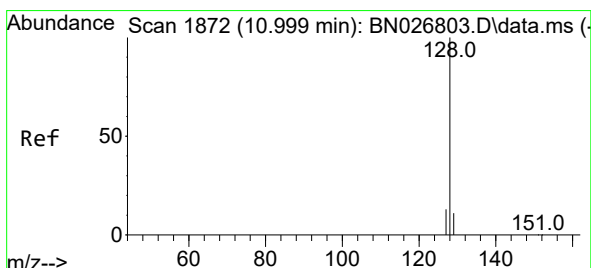
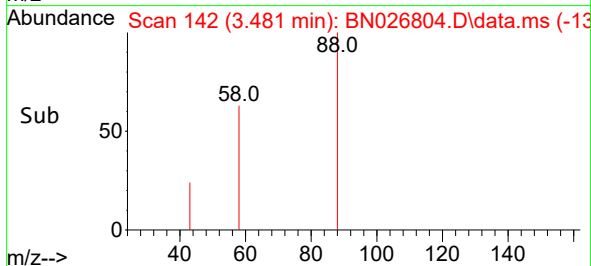
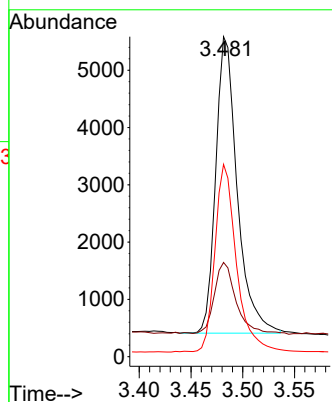
#2
1,4-Dioxane
Concen: 0.803 ng/ul
RT: 3.481 min Scan# 142
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240



Tgt Ion: 88 Resp: 7481

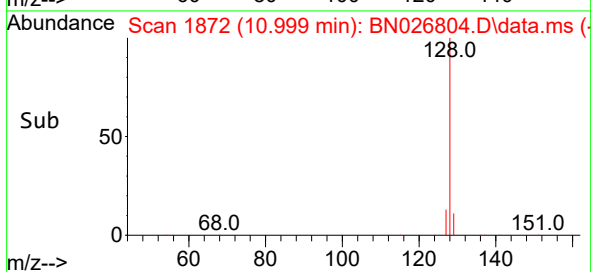
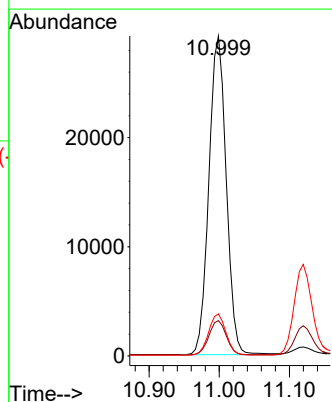
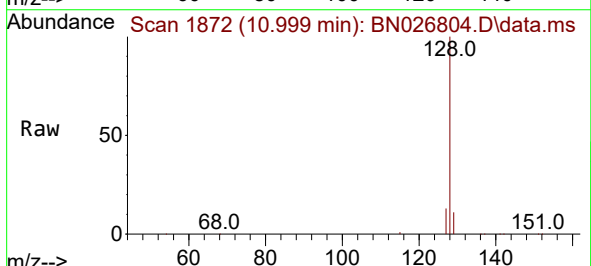
Ion	Ratio	Lower	Upper
88	100		
43	29.4	28.0	42.0
58	60.1	46.0	69.0

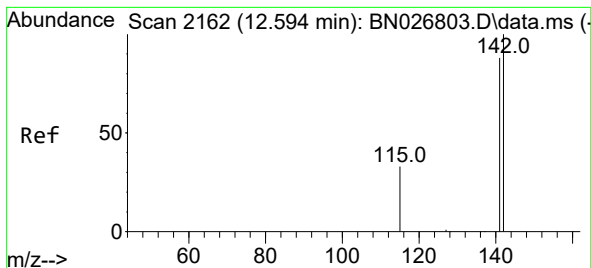


#5
Naphthalene
Concen: 0.798 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion: 128 Resp: 50223

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.2	10.5	15.7

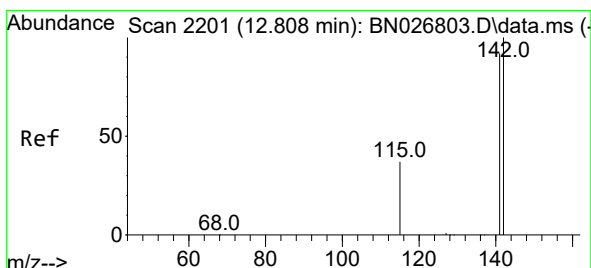
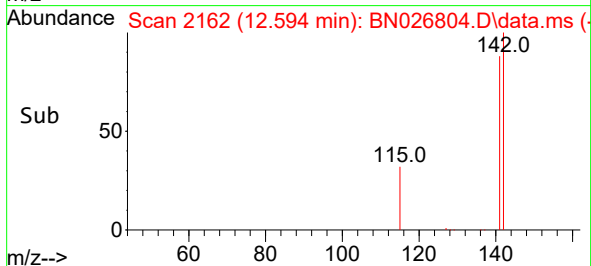
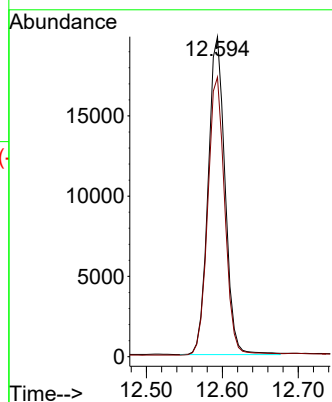
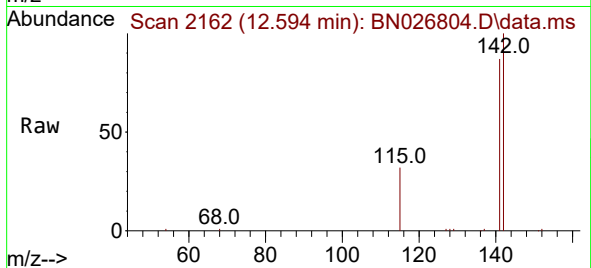




#7
2-Methylnaphthalene
Concen: 0.806 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

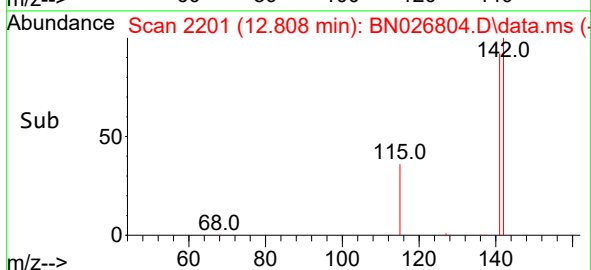
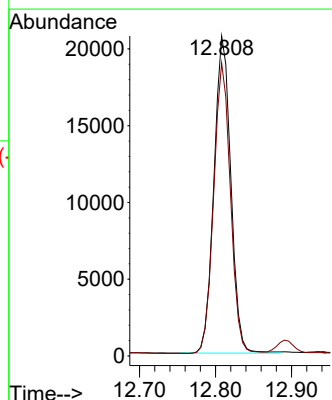
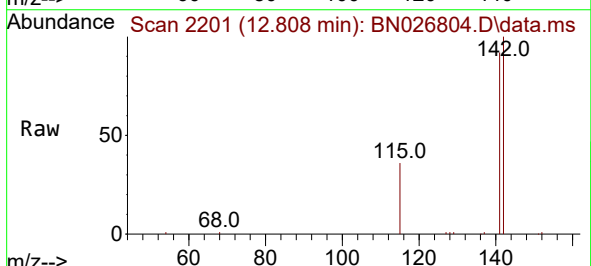
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

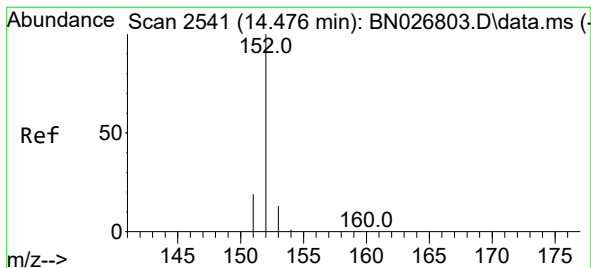
Tgt Ion:142 Resp: 30724
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.798 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion:142 Resp: 31844
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8





#10

Acenaphthylene

Concen: 0.740 ng/ul

RT: 14.472 min Scan# 2541

Delta R.T. -0.005 min

Lab File: BN026804.D

Acq: 03 Aug 2023 14:01

Instrument :

BNA_N

ClientSampleId :

SSTD0.8240

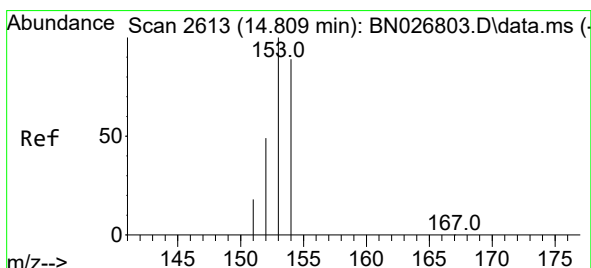
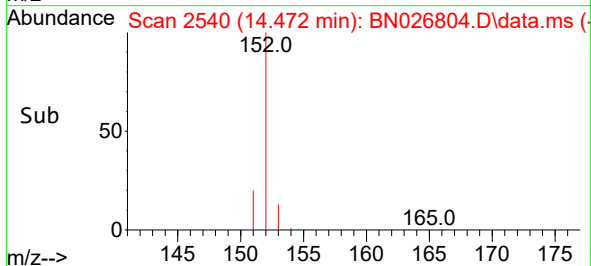
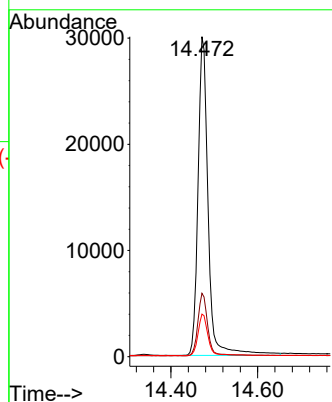
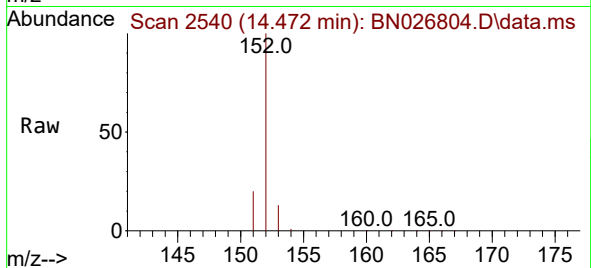
Tgt Ion:152 Resp: 48710

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.3 11.0 16.6



#11

Acenaphthene

Concen: 0.762 ng/ul

RT: 14.809 min Scan# 2613

Delta R.T. -0.000 min

Lab File: BN026804.D

Acq: 03 Aug 2023 14:01

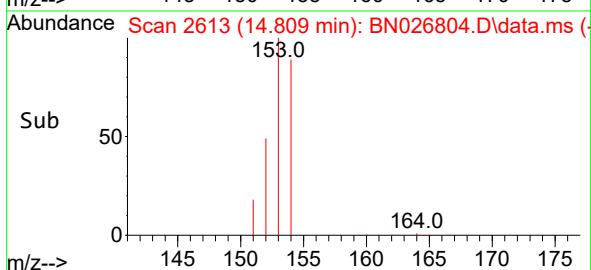
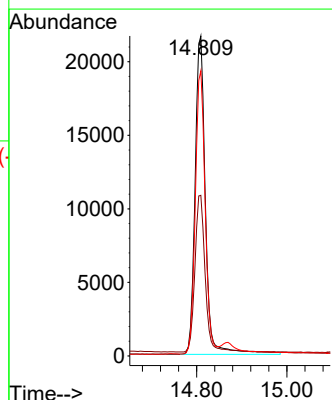
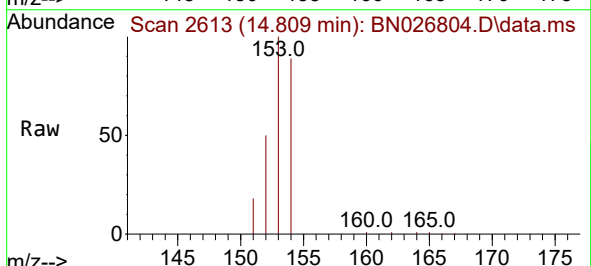
Tgt Ion:153 Resp: 34701

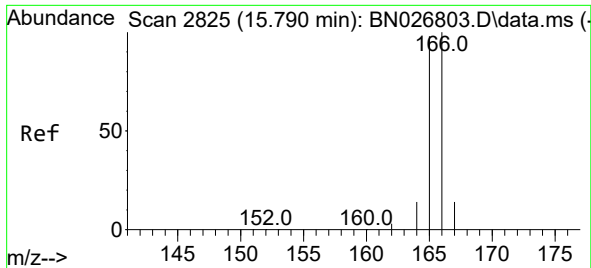
Ion Ratio Lower Upper

153 100

152 50.2 41.1 61.7

154 89.1 71.6 107.4

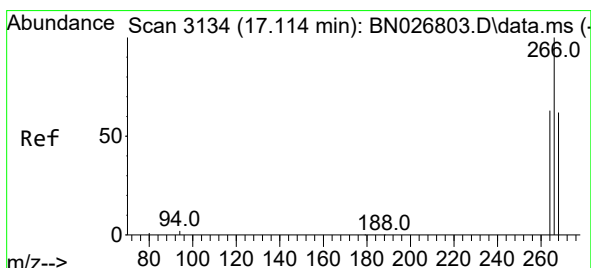
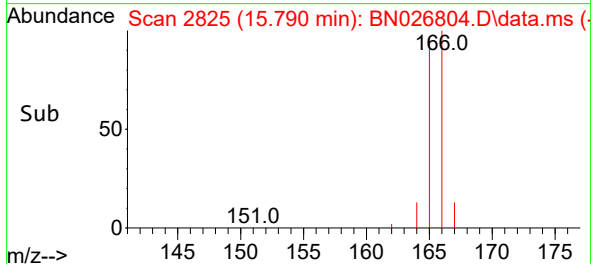
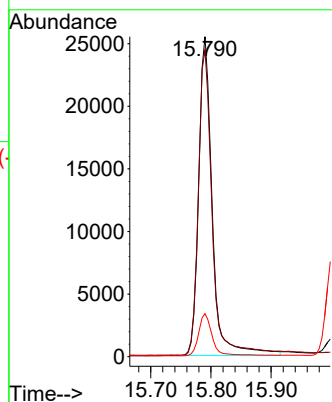
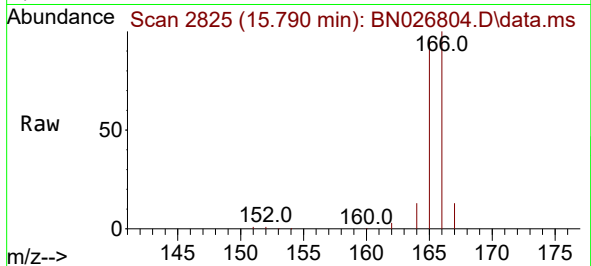




#12
Fluorene
Concen: 0.778 ng/ul
RT: 15.790 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

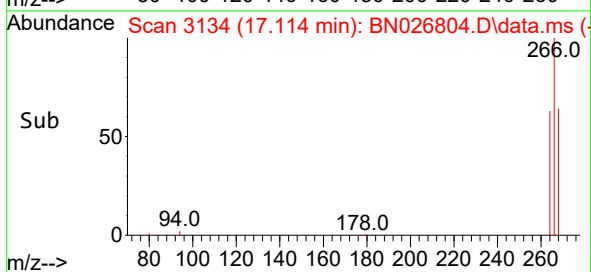
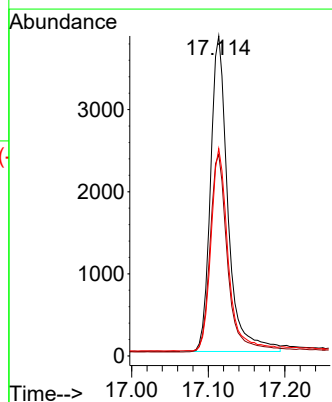
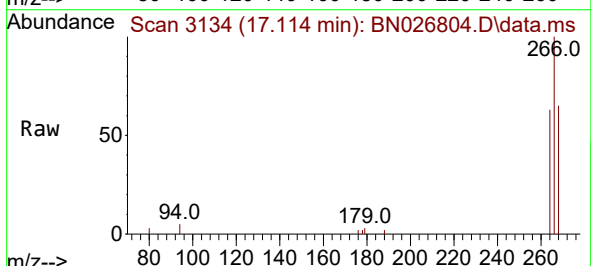
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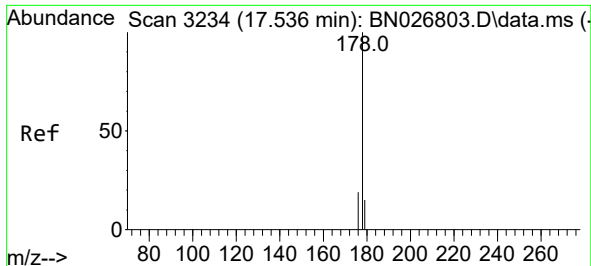
Tgt Ion:166 Resp: 40106
Ion Ratio Lower Upper
166 100
165 95.9 79.1 118.7
167 13.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.743 ng/ul
RT: 17.114 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion:266 Resp: 6088
Ion Ratio Lower Upper
266 100
264 63.3 50.4 75.6
268 63.6 51.2 76.8

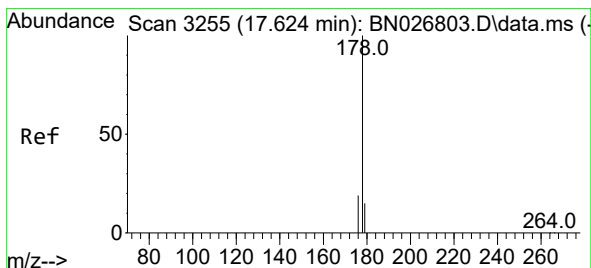
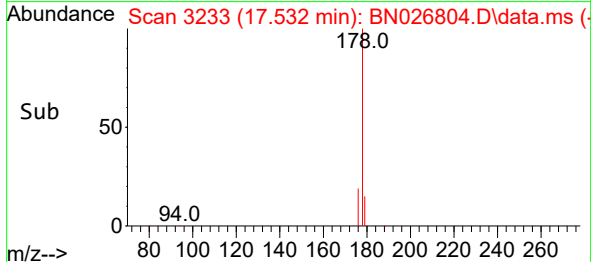
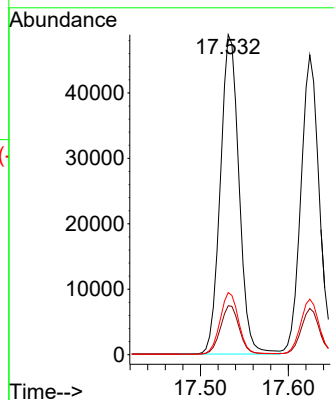
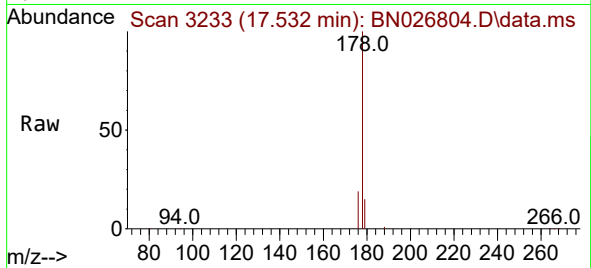




#15
Phenanthrene
Concen: 0.756 ng/ul
RT: 17.532 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

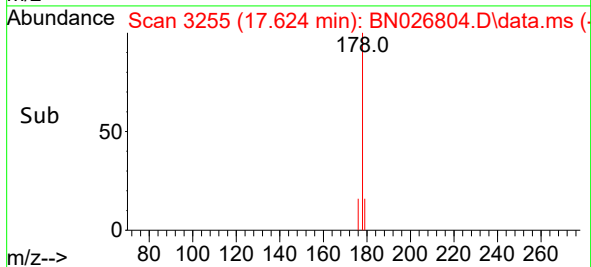
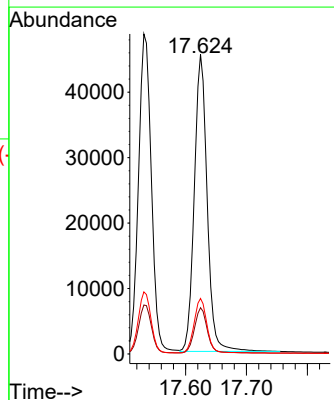
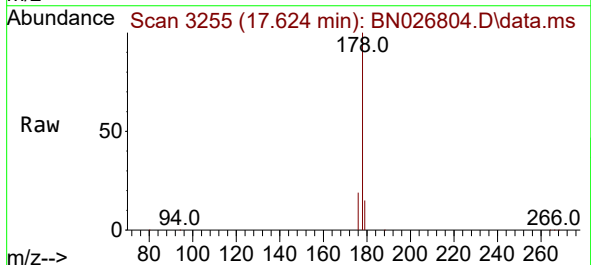
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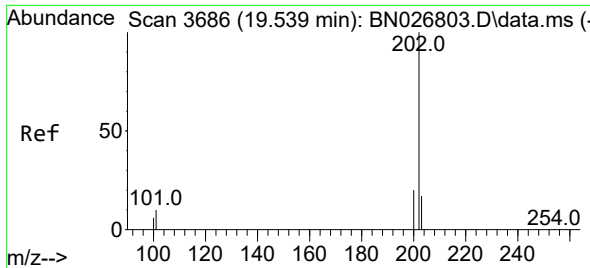
Tgt Ion:178 Resp: 72000
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.775 ng/ul
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion:178 Resp: 66709
Ion Ratio Lower Upper
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179 15.4 12.6 19.0
176 18.5 15.0 22.6

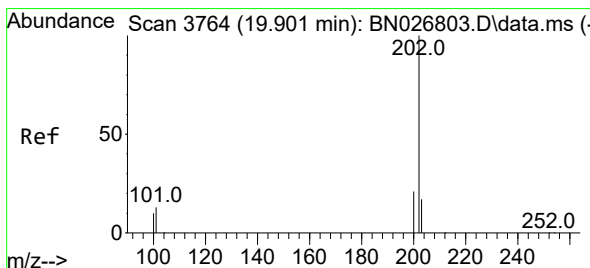
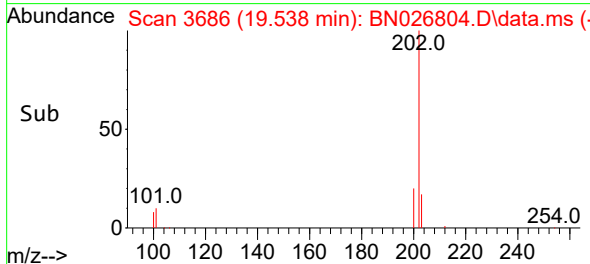
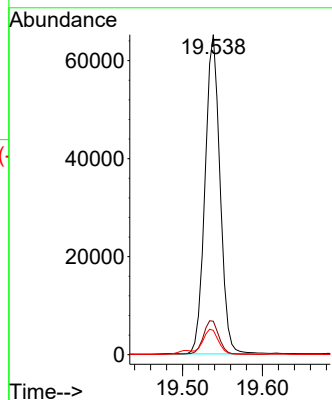
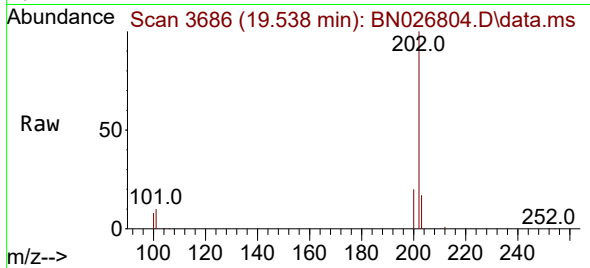




#19
Fluoranthene
Concen: 0.785 ng/ul
RT: 19.538 min Scan# 3686
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

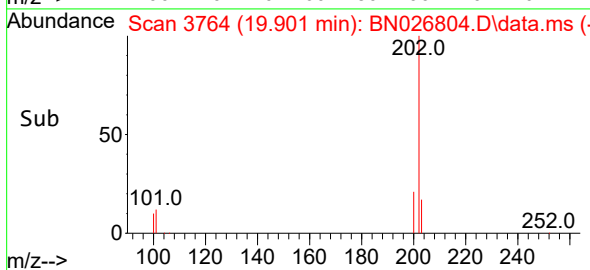
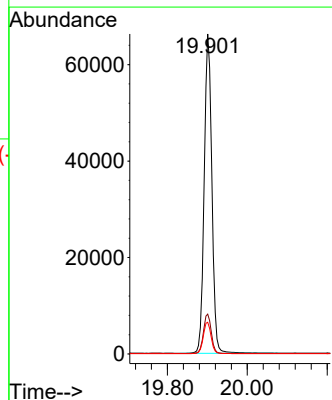
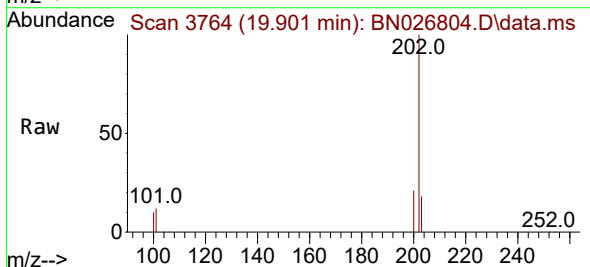
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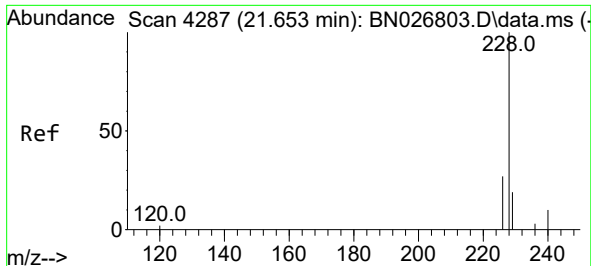
Tgt Ion:202 Resp: 84666
Ion Ratio Lower Upper
202 100
101 10.4 8.3 12.5
100 7.6 6.2 9.2



#20
Pyrene
Concen: 0.767 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

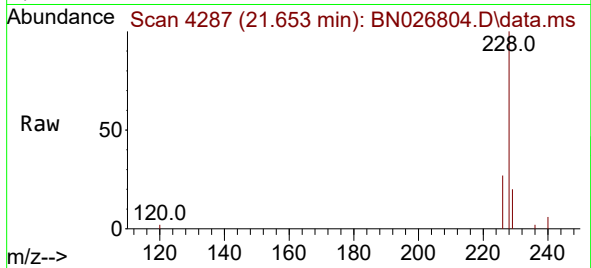
Tgt Ion:202 Resp: 88232
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.9 8.5 12.7



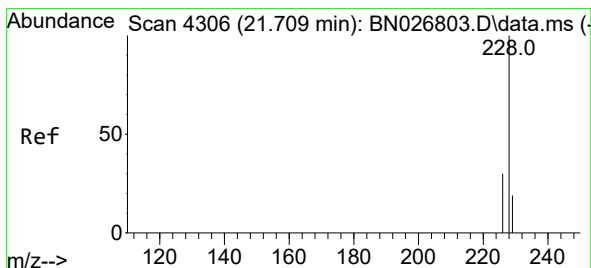
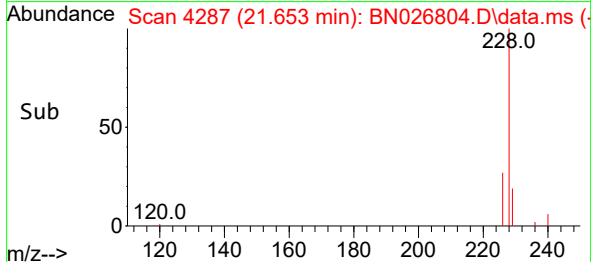
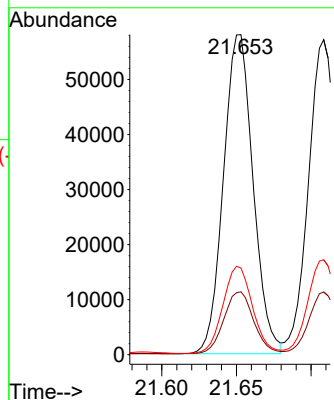


#21
Benzo(a)anthracene
Concen: 0.775 ng/ul
RT: 21.653 min Scan# 4287
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

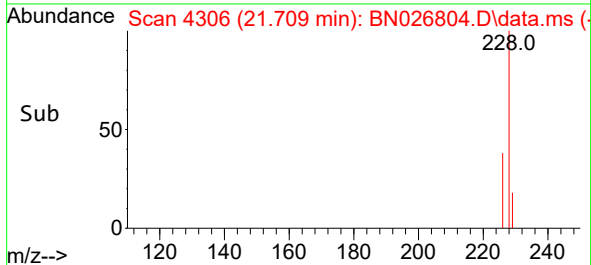
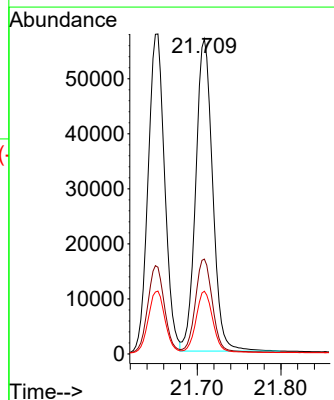
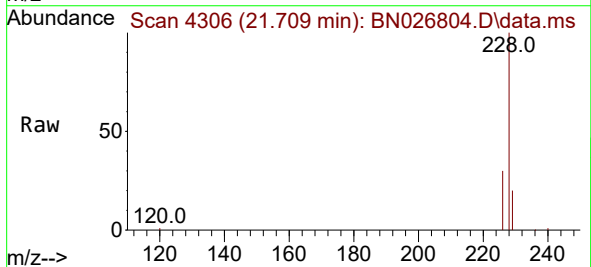


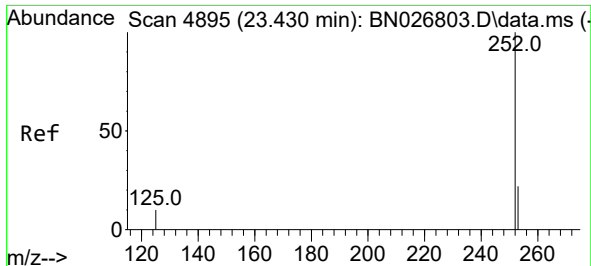
Tgt Ion:228 Resp: 79983
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.779 ng/ul
RT: 21.709 min Scan# 4306
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion:228 Resp: 79419
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.9 15.8 23.6

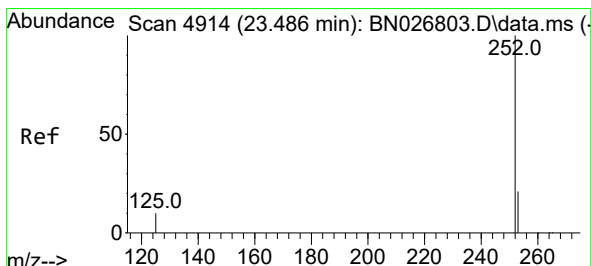
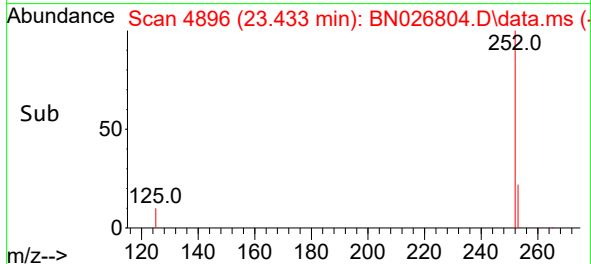
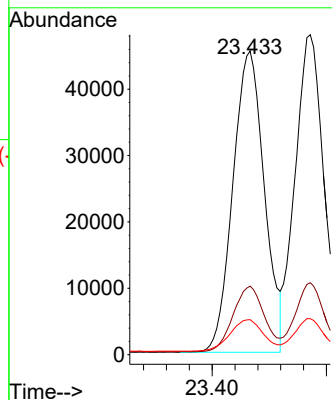
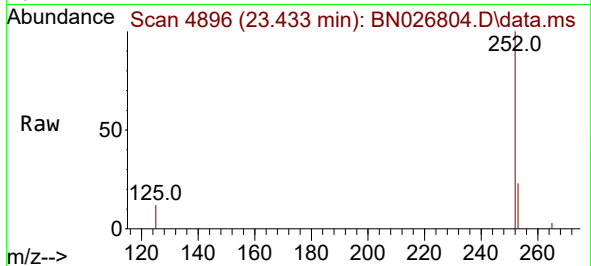




#24
Benzo(b)fluoranthene
Concen: 0.790 ng/ul
RT: 23.433 min Scan# 4896
Delta R.T. 0.003 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

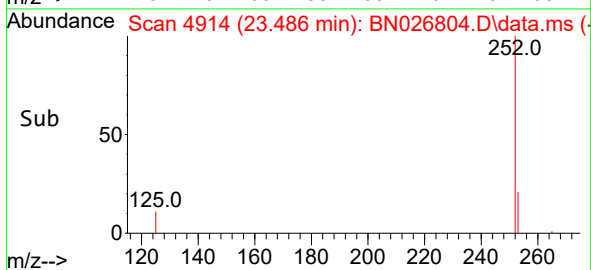
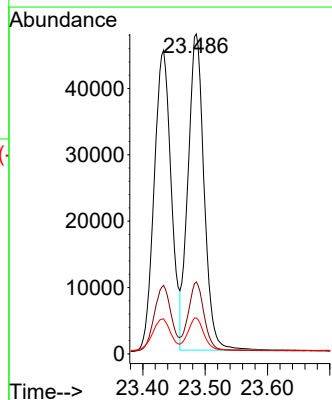
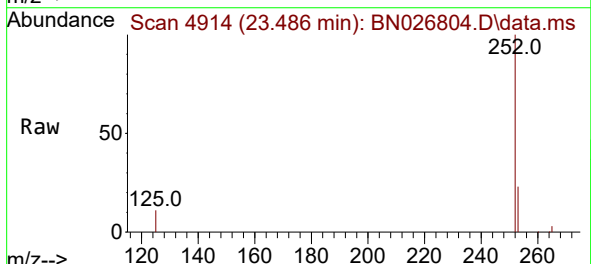
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

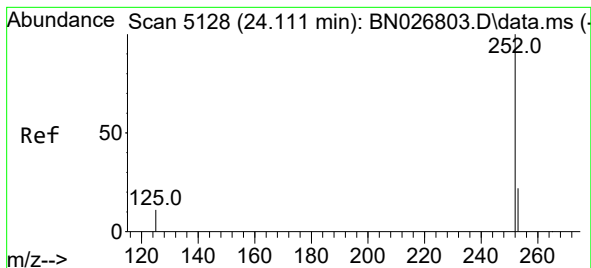
Tgt Ion:252 Resp: 86601
Ion Ratio Lower Upper
252 100
253 22.6 0.0 46.8
125 11.5 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.788 ng/ul
RT: 23.486 min Scan# 4914
Delta R.T. -0.000 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion:252 Resp: 85256
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.2 9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.787 ng/ul

RT: 24.109 min Scan# 51

Delta R.T. -0.003 min

Lab File: BN026804.D

Acq: 03 Aug 2023 14:01

Instrument :

BNA_N

ClientSampleId :

SSTD0.8240

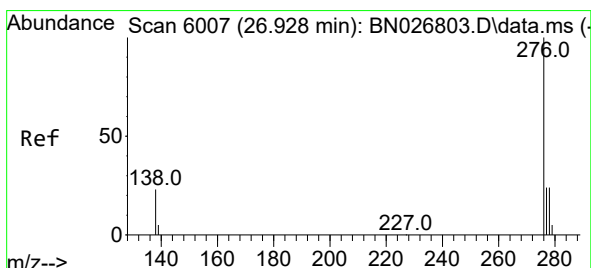
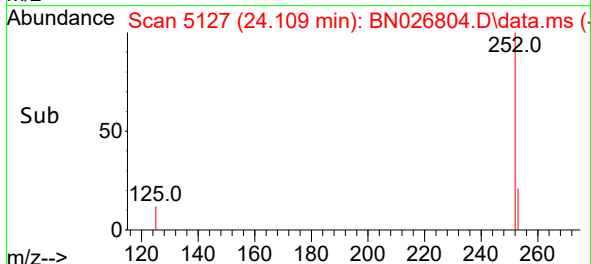
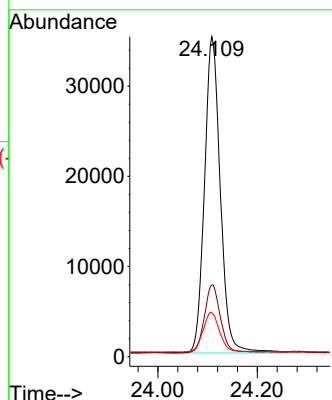
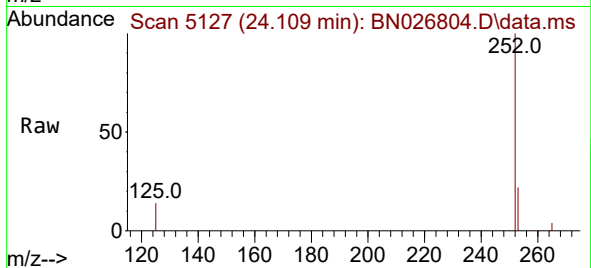
Tgt Ion:252 Resp: 77888

Ion Ratio Lower Upper

252 100

253 22.4 19.0 28.6

125 13.7 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.785 ng/ul

RT: 26.932 min Scan# 6008

Delta R.T. 0.003 min

Lab File: BN026804.D

Acq: 03 Aug 2023 14:01

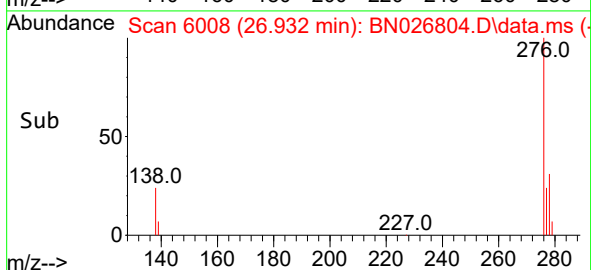
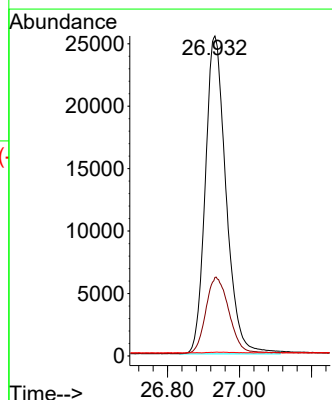
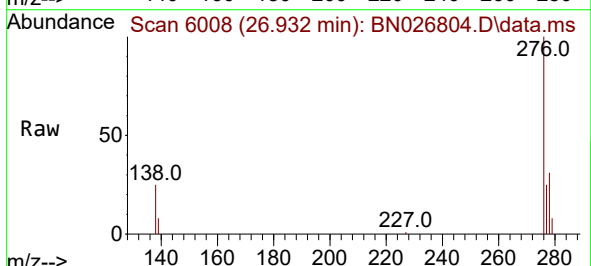
Tgt Ion:276 Resp: 101601

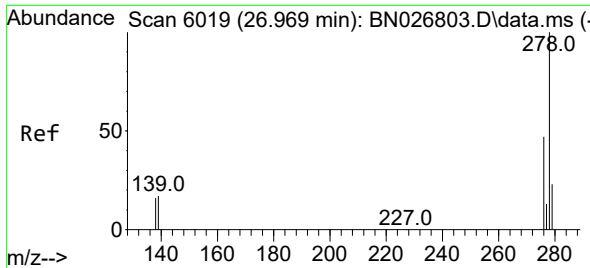
Ion Ratio Lower Upper

276 100

138 26.9 21.6 32.4

227 0.0 0.0 0.0

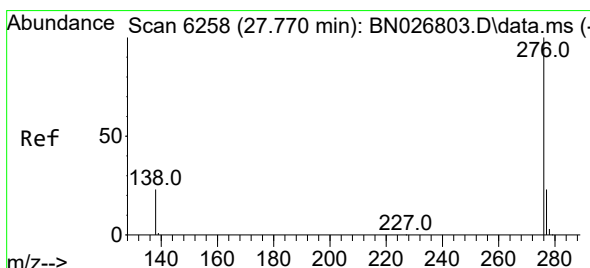
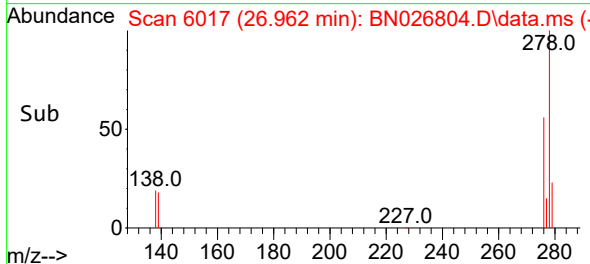
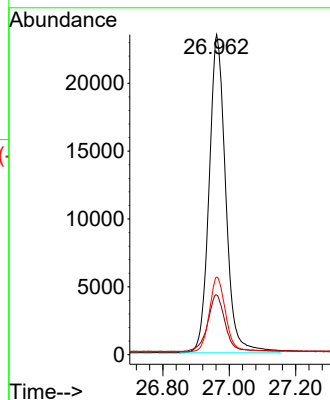
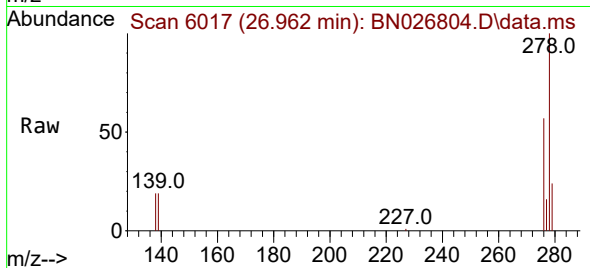




#28
Dibenzo(a,h)anthracene
Concen: 0.787 ng/ul
RT: 26.962 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

Tgt Ion:278 Resp: 81128
Ion Ratio Lower Upper
278 100
139 18.7 15.7 23.5
279 24.2 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.782 ng/ul
RT: 27.767 min Scan# 6257
Delta R.T. -0.003 min
Lab File: BN026804.D
Acq: 03 Aug 2023 14:01

Tgt Ion:276 Resp: 84231
Ion Ratio Lower Upper
276 100
138 23.7 19.3 28.9
277 24.3 19.8 29.8

