

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
 Data File : BN026480.D
 Acq On : 12 Jul 2023 18:35
 Operator : MA/JU
 Sample : SSTD3.218
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2235

Quant Time: Jul 13 04:17:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 04:15:36 2023
 Response via : Initial Calibration

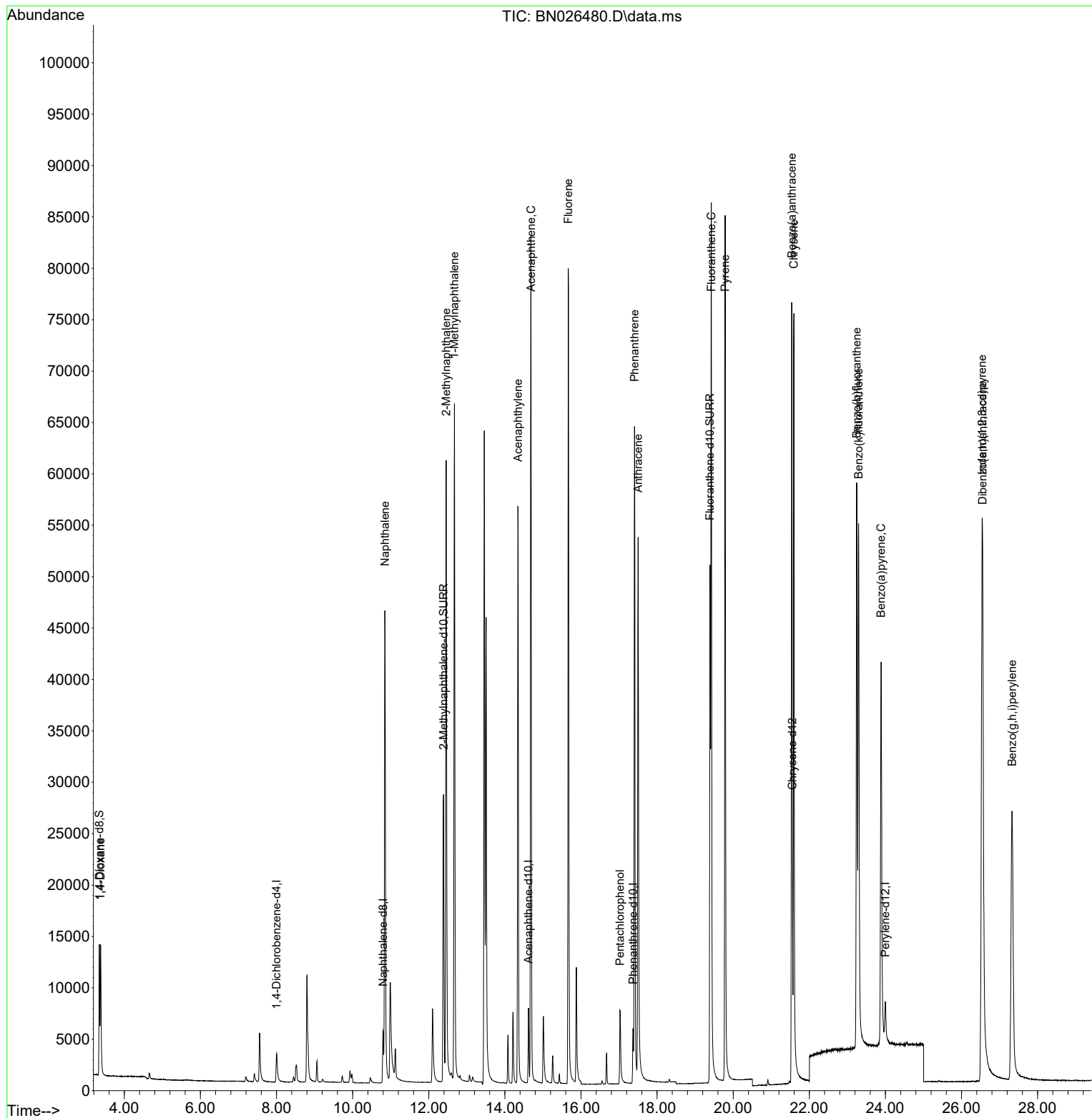
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2393	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.798	136	7589	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.621	164	4168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.368	188	7115	0.400	ng/ul	0.00
17) Chrysene-d12	21.555	240	5497	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	5921	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	9237	0.982	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	40071	3.906	ng/ul	-0.01
18) Fluoranthene-d10	19.391	212	62609	3.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	9527	1.576	ng/ul#	88
5) Naphthalene	10.847	128	70721	3.412	ng/ul	97
7) 2-Methylnaphthalene	12.458	142	45831	3.804	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	46780	3.597	ng/ul	100
10) Acenaphthylene	14.343	152	69130	3.481	ng/ul	97
11) Acenaphthene	14.686	153	51806	3.469	ng/ul	97
12) Fluorene	15.666	166	55566	3.579	ng/ul	99
14) Pentachlorophenol	17.026	266	6349	3.659	ng/ul	97
15) Phenanthrene	17.406	178	74649	3.346	ng/ul	97
16) Anthracene	17.503	178	70772	3.473	ng/ul	94
19) Fluoranthene	19.424	202	82983	3.422	ng/ul	96
20) Pyrene	19.786	202	85409	3.241	ng/ul	99
21) Benzo(a)anthracene	21.538	228	72195	3.672	ng/ul	97
22) Chrysene	21.593	228	73940	3.370	ng/ul	98
24) Benzo(b)fluoranthene	23.244	252	78475	3.480	ng/ul	81
25) Benzo(k)fluoranthene	23.294	252	81836	3.525	ng/ul#	81
26) Benzo(a)pyrene	23.885	252	70202	3.540	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.541	276	87234	3.486	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.554	278	68646	3.521	ng/ul#	78
29) Benzo(g,h,i)perylene	27.325	276	74216	3.304	ng/ul#	88

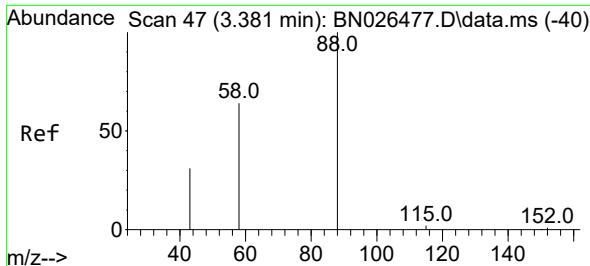
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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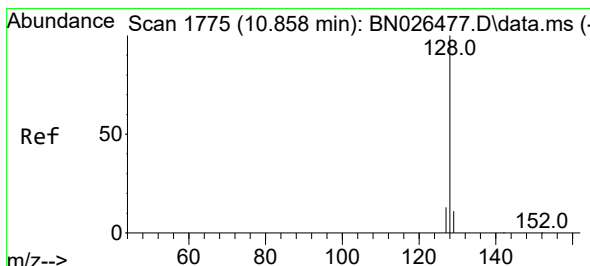
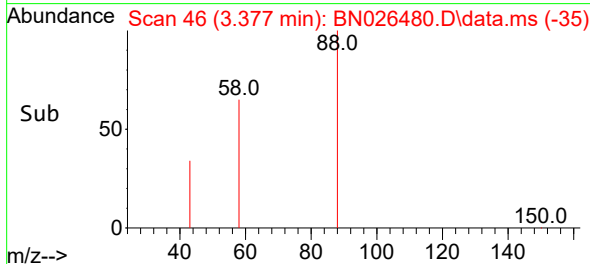
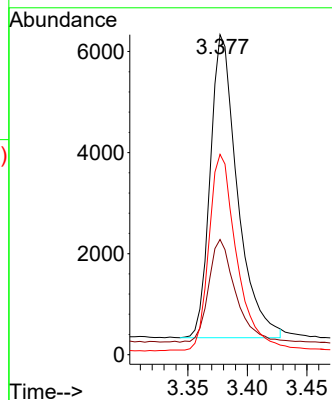
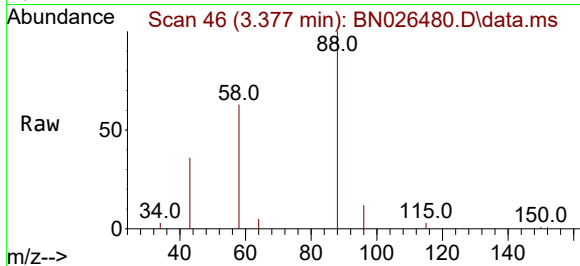




#2
1,4-Dioxane
Concen: 1.576 ng/ul
RT: 3.377 min Scan# 46
Delta R.T. -0.004 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

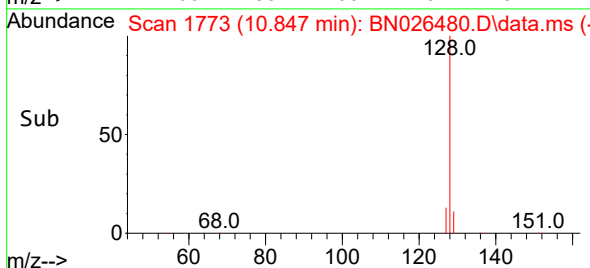
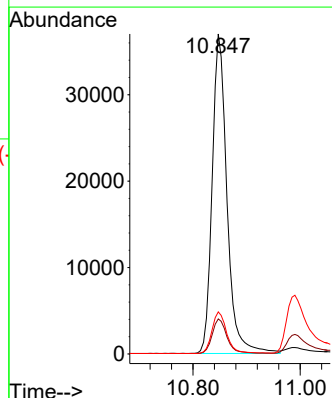
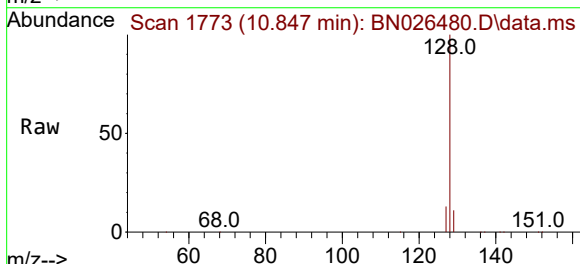
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

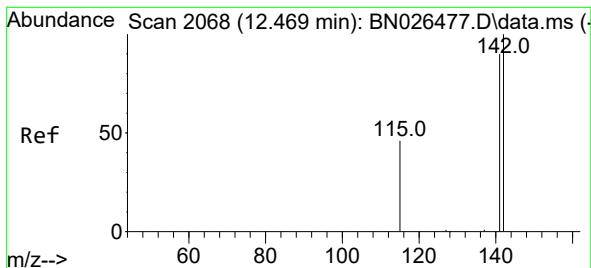
Tgt Ion: 88 Resp: 9527
Ion Ratio Lower Upper
88 100
43 36.0 33.0 49.6
58 62.6 41.7 62.5#



#5
Naphthalene
Concen: 3.412 ng/ul
RT: 10.847 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:128 Resp: 70721
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 13.2 11.4 17.0

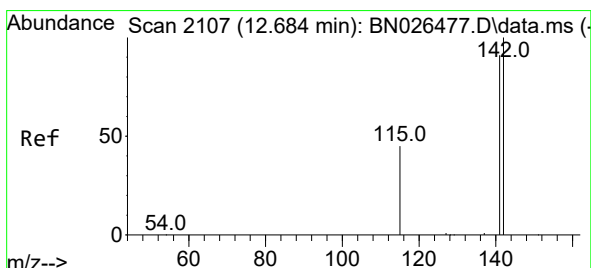
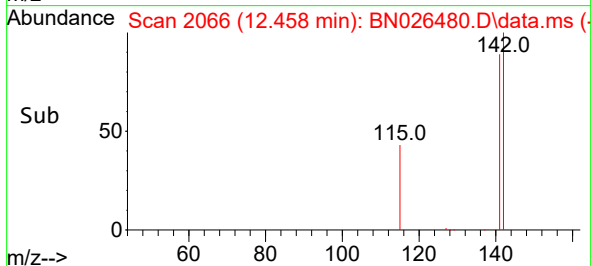
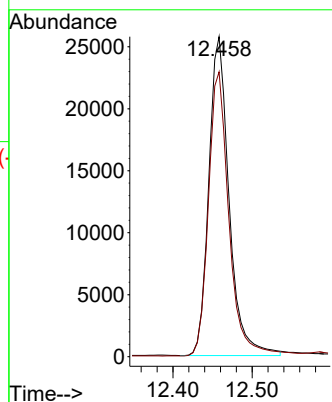
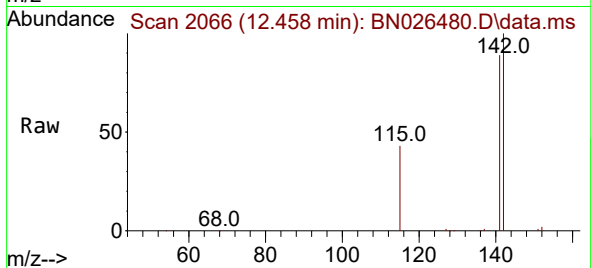




#7
2-Methylnaphthalene
Concen: 3.804 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

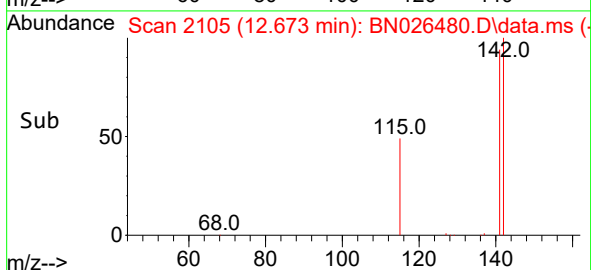
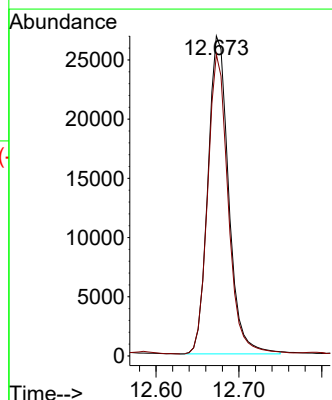
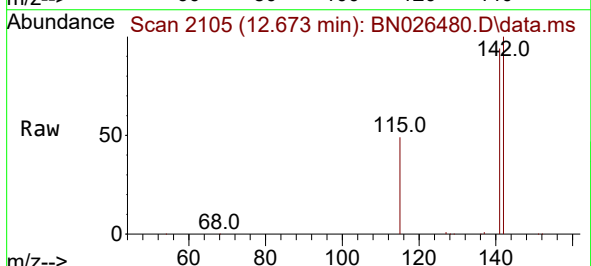
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

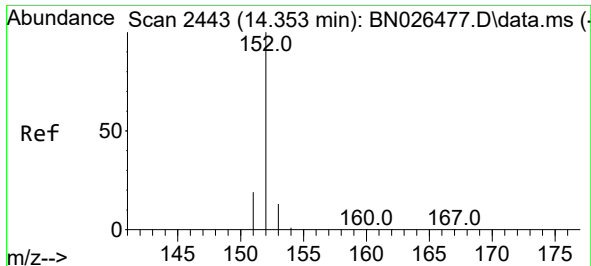
Tgt Ion:142 Resp: 45831
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5



#8
1-Methylnaphthalene
Concen: 3.597 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:142 Resp: 46780
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

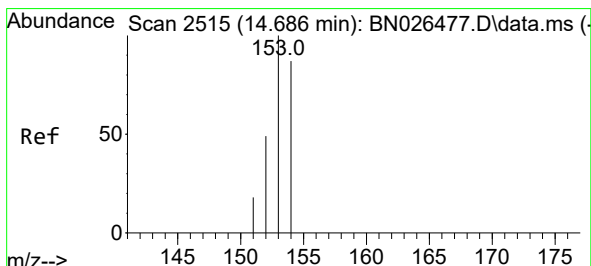
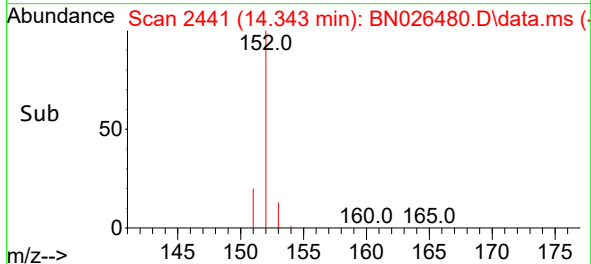
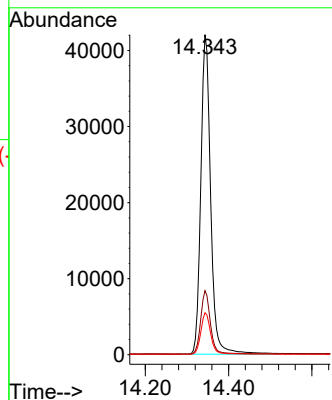
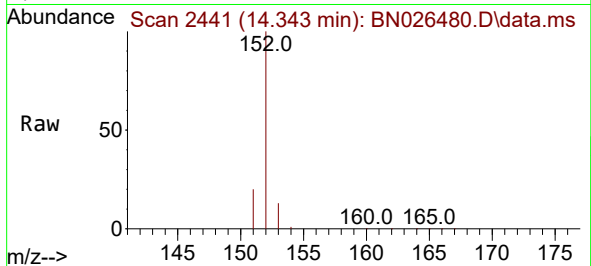




#10
Acenaphthylene
Concen: 3.481 ng/ul
RT: 14.343 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

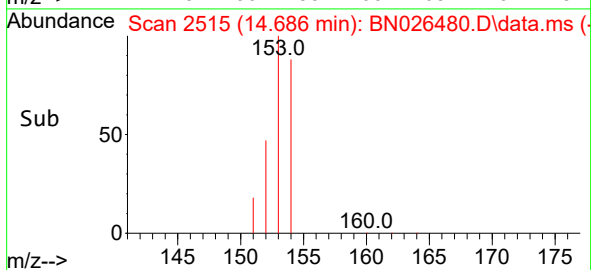
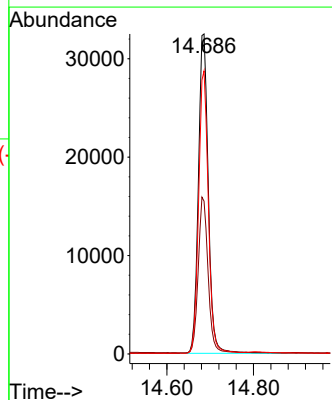
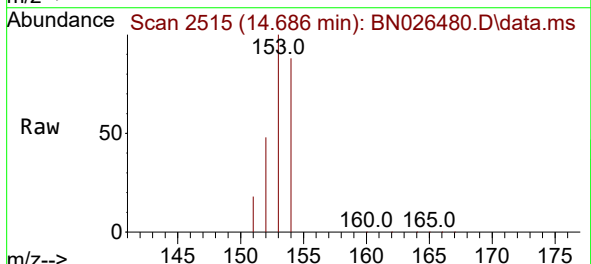
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BNA_N
ClientSampleId :
SSTD3.2235

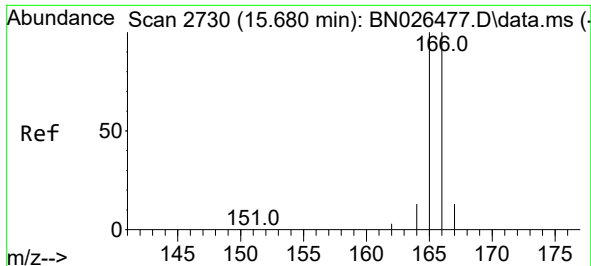
Tgt Ion:152 Resp: 69130
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.1 11.4 17.2



#11
Acenaphthene
Concen: 3.469 ng/ul
RT: 14.686 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:153 Resp: 51806
Ion Ratio Lower Upper
153 100
152 47.8 40.2 60.4
154 88.4 69.3 103.9

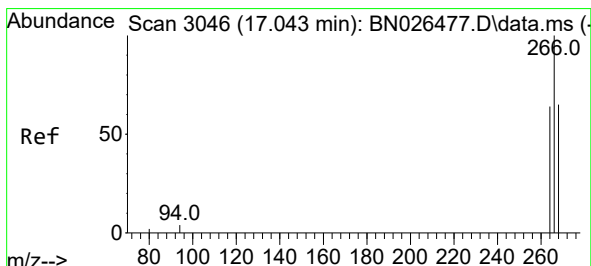
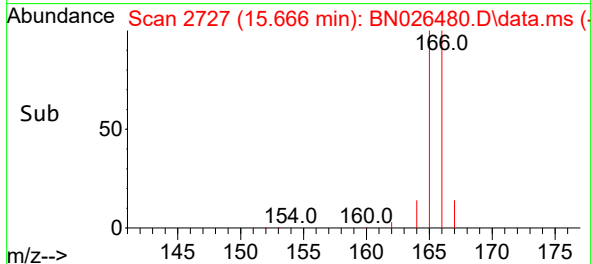
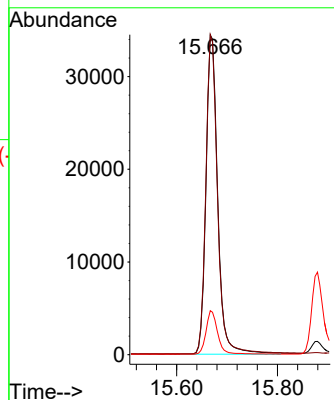
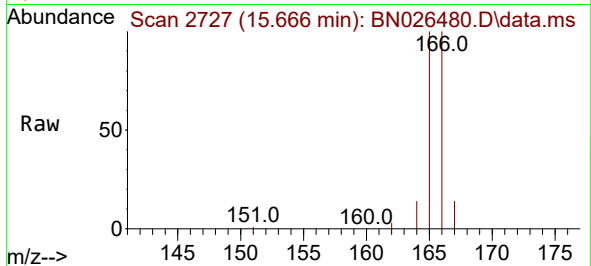




#12
Fluorene
Concen: 3.579 ng/ul
RT: 15.666 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

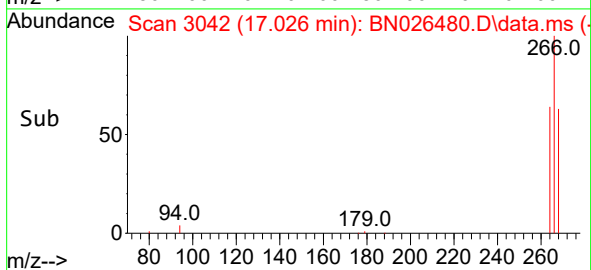
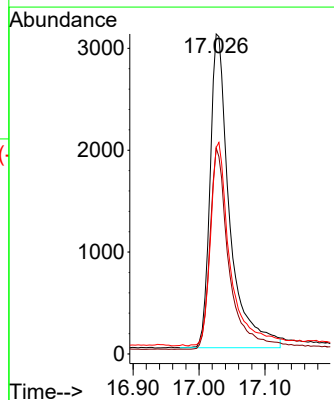
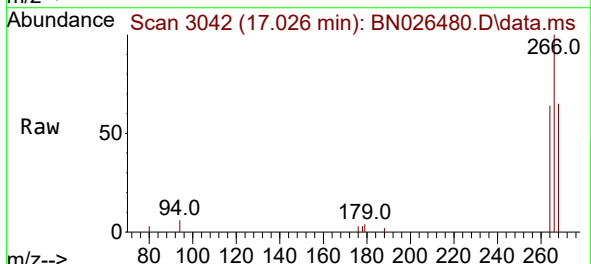
Instrument :
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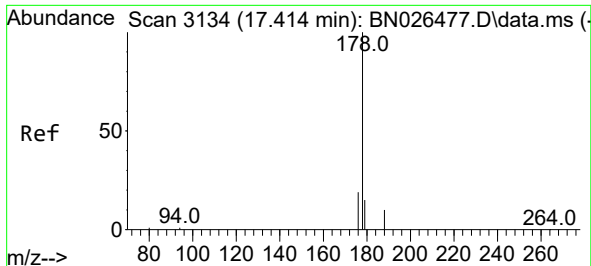
Tgt Ion:166 Resp: 55566
Ion Ratio Lower Upper
166 100
165 100.1 80.6 120.8
167 13.7 12.0 18.0



#14
Pentachlorophenol
Concen: 3.659 ng/ul
RT: 17.026 min Scan# 3042
Delta R.T. -0.017 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:266 Resp: 6349
Ion Ratio Lower Upper
266 100
264 62.6 52.0 78.0
268 64.7 53.0 79.6

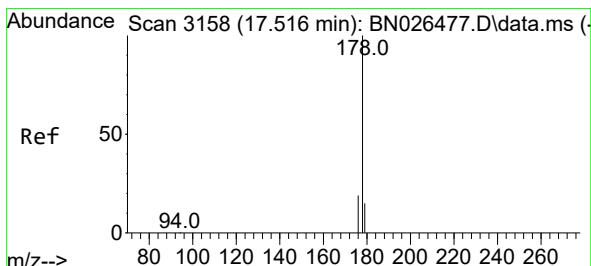
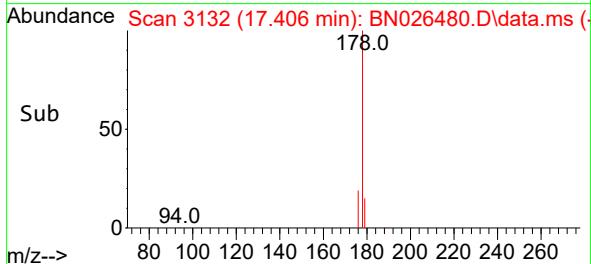
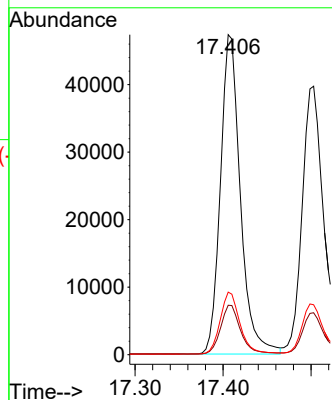
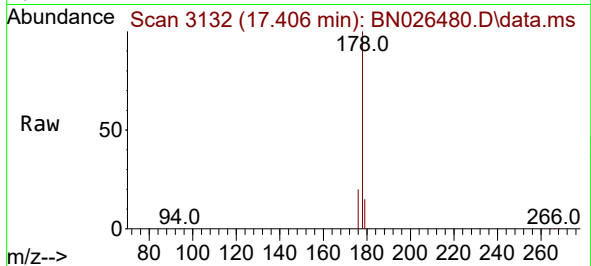




#15
Phenanthrene
Concen: 3.346 ng/ul
RT: 17.406 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

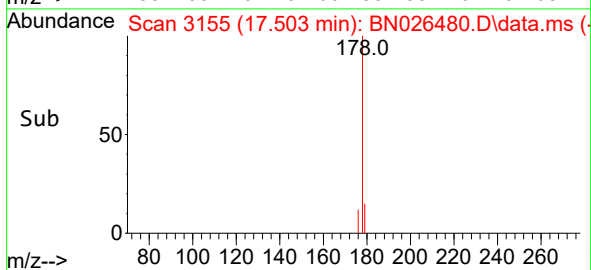
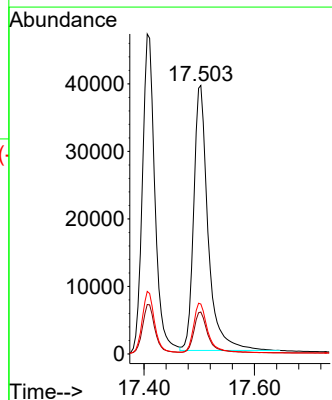
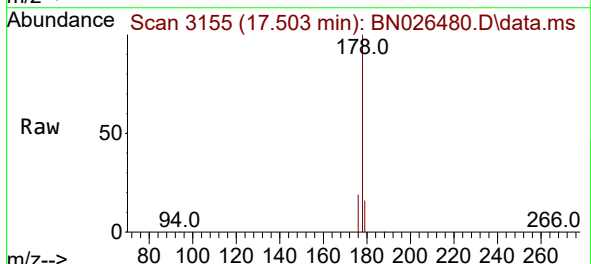
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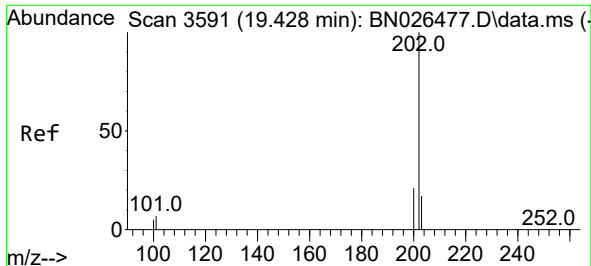
Tgt Ion:178 Resp: 74649
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.5 16.5 24.7



#16
Anthracene
Concen: 3.473 ng/ul
RT: 17.503 min Scan# 3155
Delta R.T. -0.013 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:178 Resp: 70772
Ion Ratio Lower Upper
178 100
179 15.6 14.8 22.2
176 18.6 16.6 25.0

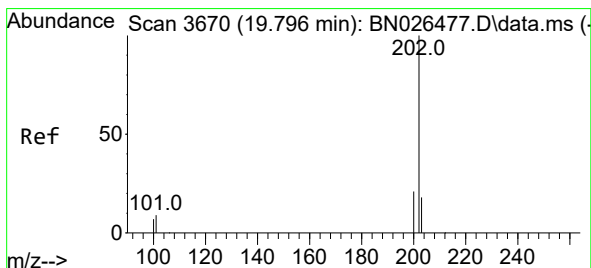
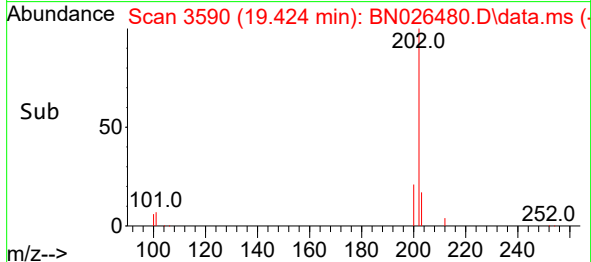
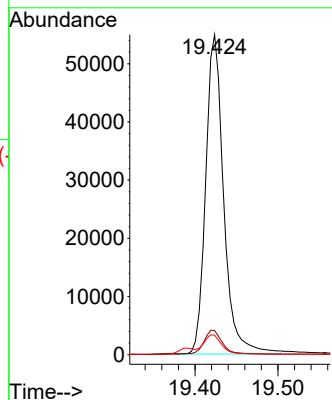
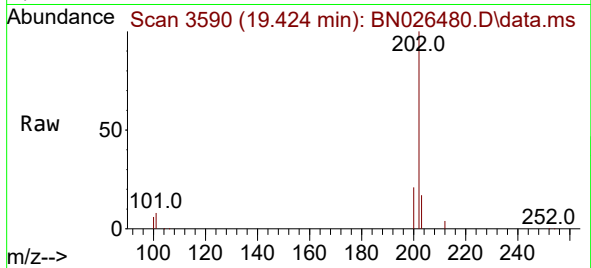




#19
Fluoranthene
Concen: 3.422 ng/ul
RT: 19.424 min Scan# 3590
Delta R.T. -0.005 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

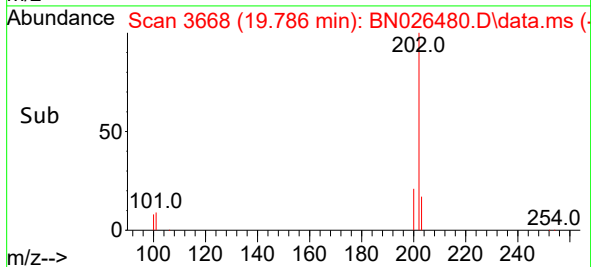
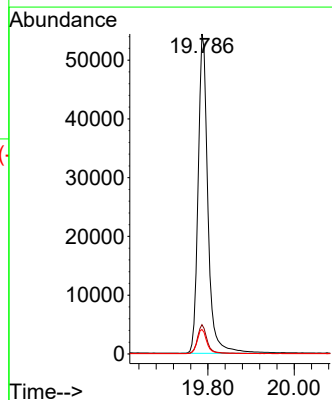
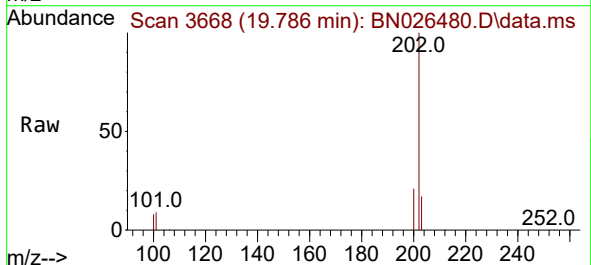
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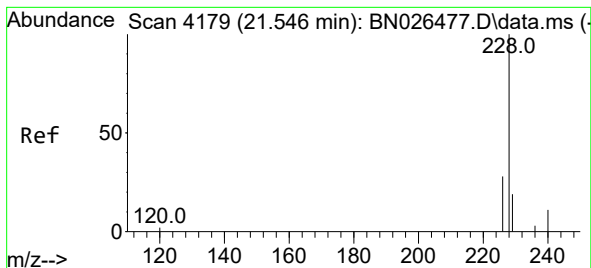
Tgt Ion:202 Resp: 82983
Ion Ratio Lower Upper
202 100
101 7.6 7.0 10.4
100 6.1 6.0 9.0



#20
Pyrene
Concen: 3.241 ng/ul
RT: 19.786 min Scan# 3668
Delta R.T. -0.009 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:202 Resp: 85409
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 7.6 6.2 9.2





#21

Benzo(a)anthracene

Concen: 3.672 ng/ul

RT: 21.538 min Scan# 4179

Delta R.T. -0.009 min

Lab File: BN026480.D

Acq: 12 Jul 2023 18:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2235

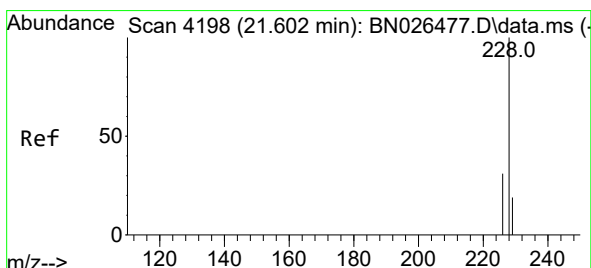
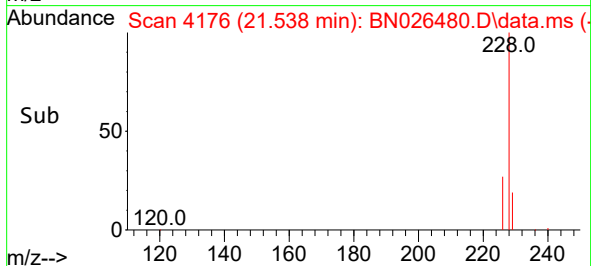
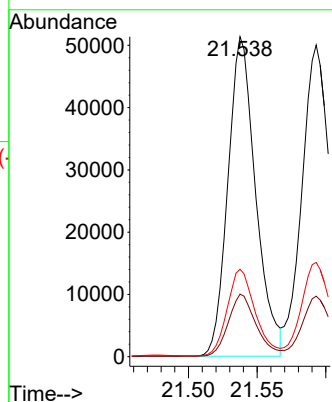
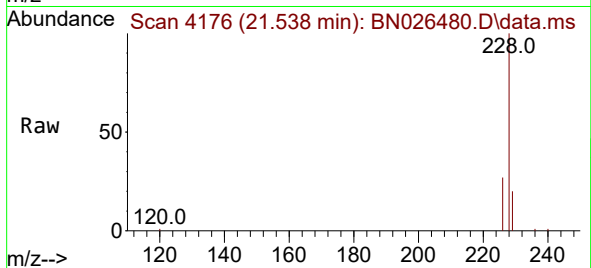
Tgt Ion:228 Resp: 72195

Ion Ratio Lower Upper

228 100

229 19.6 16.7 25.1

226 27.3 23.5 35.3



#22

Chrysene

Concen: 3.370 ng/ul

RT: 21.593 min Scan# 4195

Delta R.T. -0.009 min

Lab File: BN026480.D

Acq: 12 Jul 2023 18:35

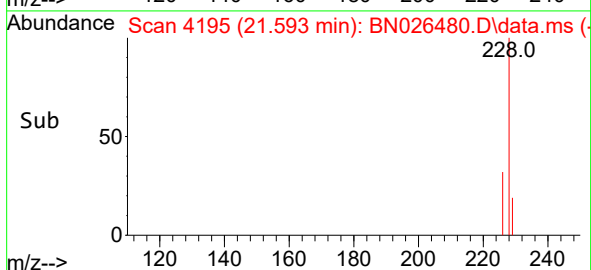
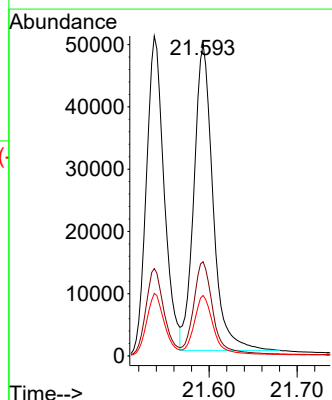
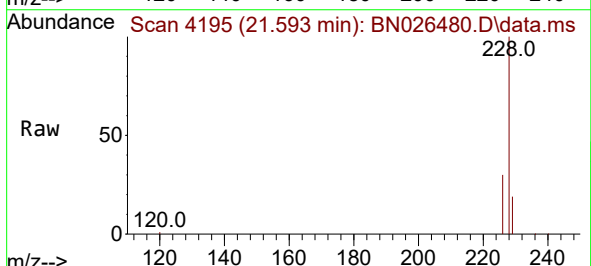
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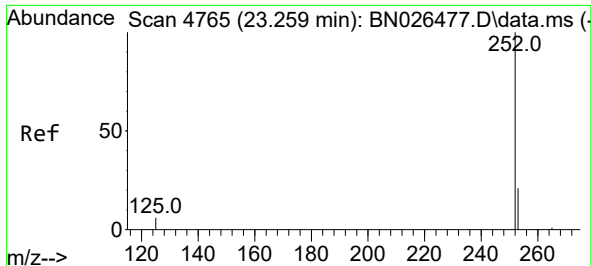
Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

229 19.4 16.4 24.6

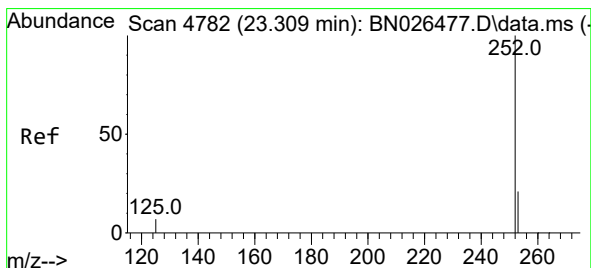
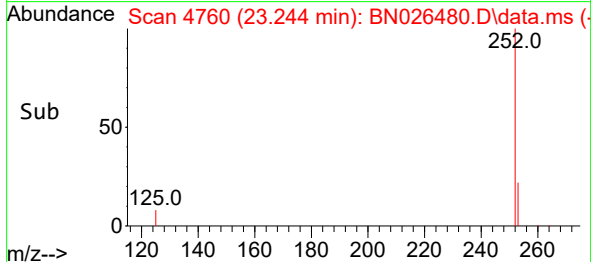
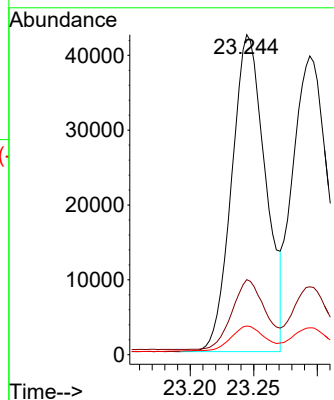
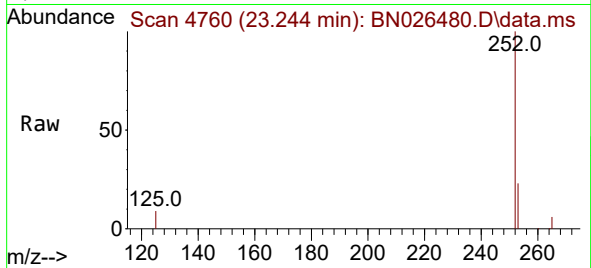




#24
Benzo(b)fluoranthene
Concen: 3.480 ng/ul
RT: 23.244 min Scan# 4765
Delta R.T. -0.015 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

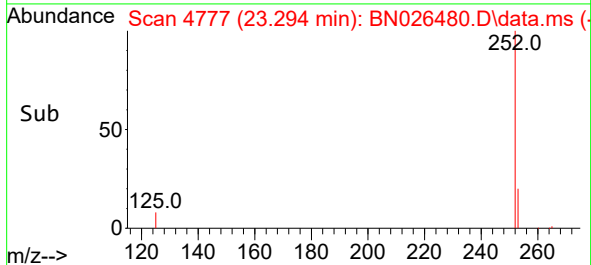
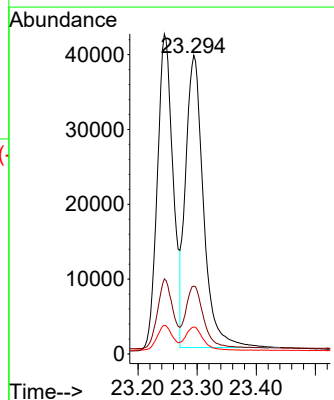
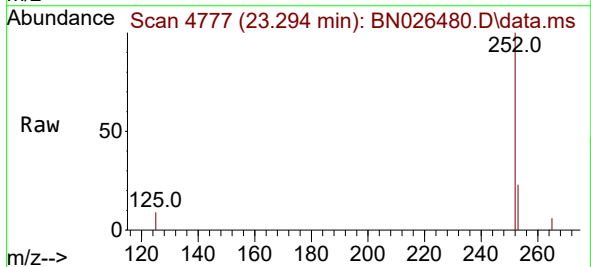
Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

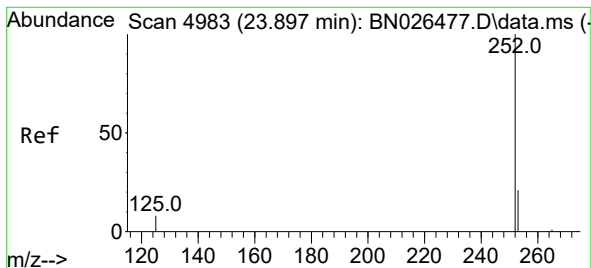
Tgt Ion:252 Resp: 78475
Ion Ratio Lower Upper
252 100
253 23.5 0.0 68.6
125 8.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 3.525 ng/ul
RT: 23.294 min Scan# 4777
Delta R.T. -0.015 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:252 Resp: 81836
Ion Ratio Lower Upper
252 100
253 22.7 27.2 40.8#
125 9.0 13.4 20.2#





#26

Benzo(a)pyrene

Concen: 3.540 ng/ul

RT: 23.885 min Scan# 49

Delta R.T. -0.012 min

Lab File: BN026480.D

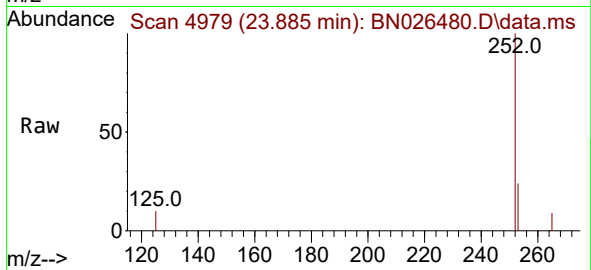
Acq: 12 Jul 2023 18:35

Instrument :

BNA_N

ClientSampleId :

SSTD3.2235



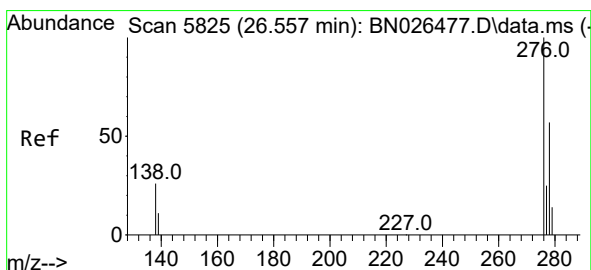
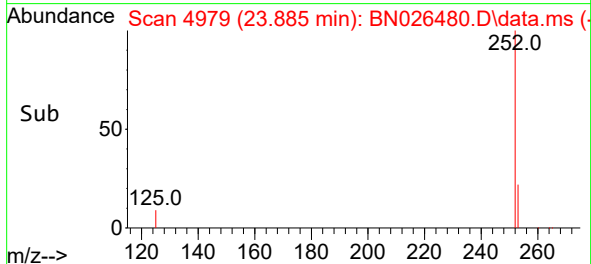
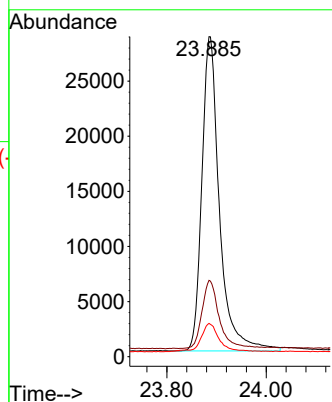
Tgt Ion:252 Resp: 70202

Ion Ratio Lower Upper

252 100

253 23.9 32.6 49.0#

125 10.4 19.3 28.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.486 ng/ul

RT: 26.541 min Scan# 5820

Delta R.T. -0.017 min

Lab File: BN026480.D

Acq: 12 Jul 2023 18:35

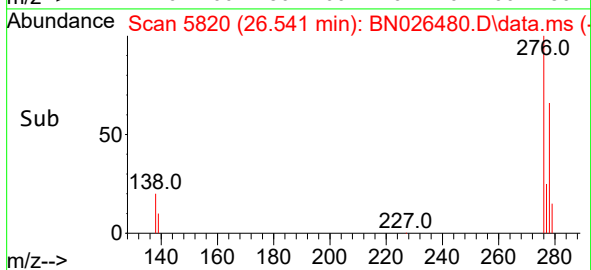
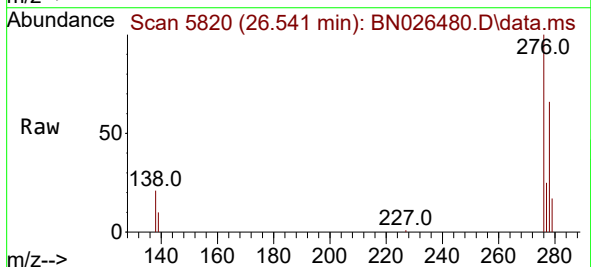
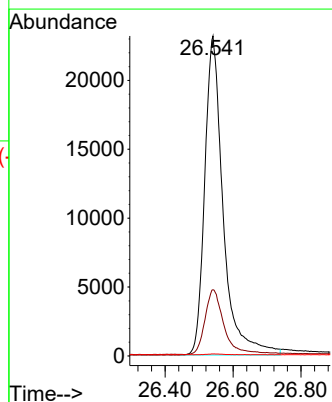
Tgt Ion:276 Resp: 87234

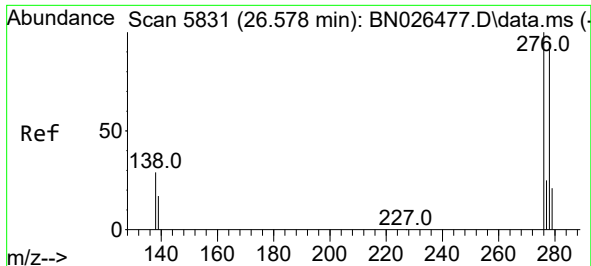
Ion Ratio Lower Upper

276 100

138 21.1 22.2 33.4#

227 0.2 0.1 0.1#

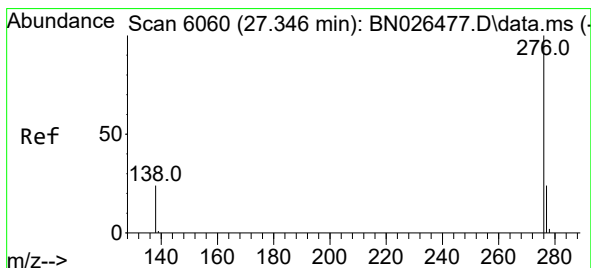
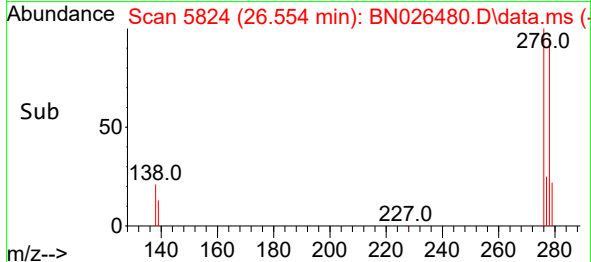
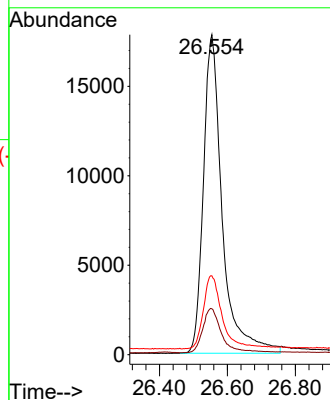
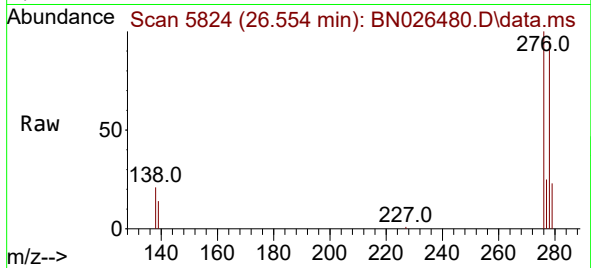




#28
Dibenzo(a,h)anthracene
Concen: 3.521 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.024 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2235

Tgt Ion:278 Resp: 68646
Ion Ratio Lower Upper
278 100
139 14.4 18.9 28.3#
279 24.7 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 3.304 ng/ul
RT: 27.325 min Scan# 6054
Delta R.T. -0.020 min
Lab File: BN026480.D
Acq: 12 Jul 2023 18:35

Tgt Ion:276 Resp: 74216
Ion Ratio Lower Upper
276 100
138 18.5 22.6 34.0#
277 24.2 21.8 32.8

