

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026120.D
 Acq On : 30 Jun 2023 08:29
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4322

Quant Time: Jul 01 00:53:52 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

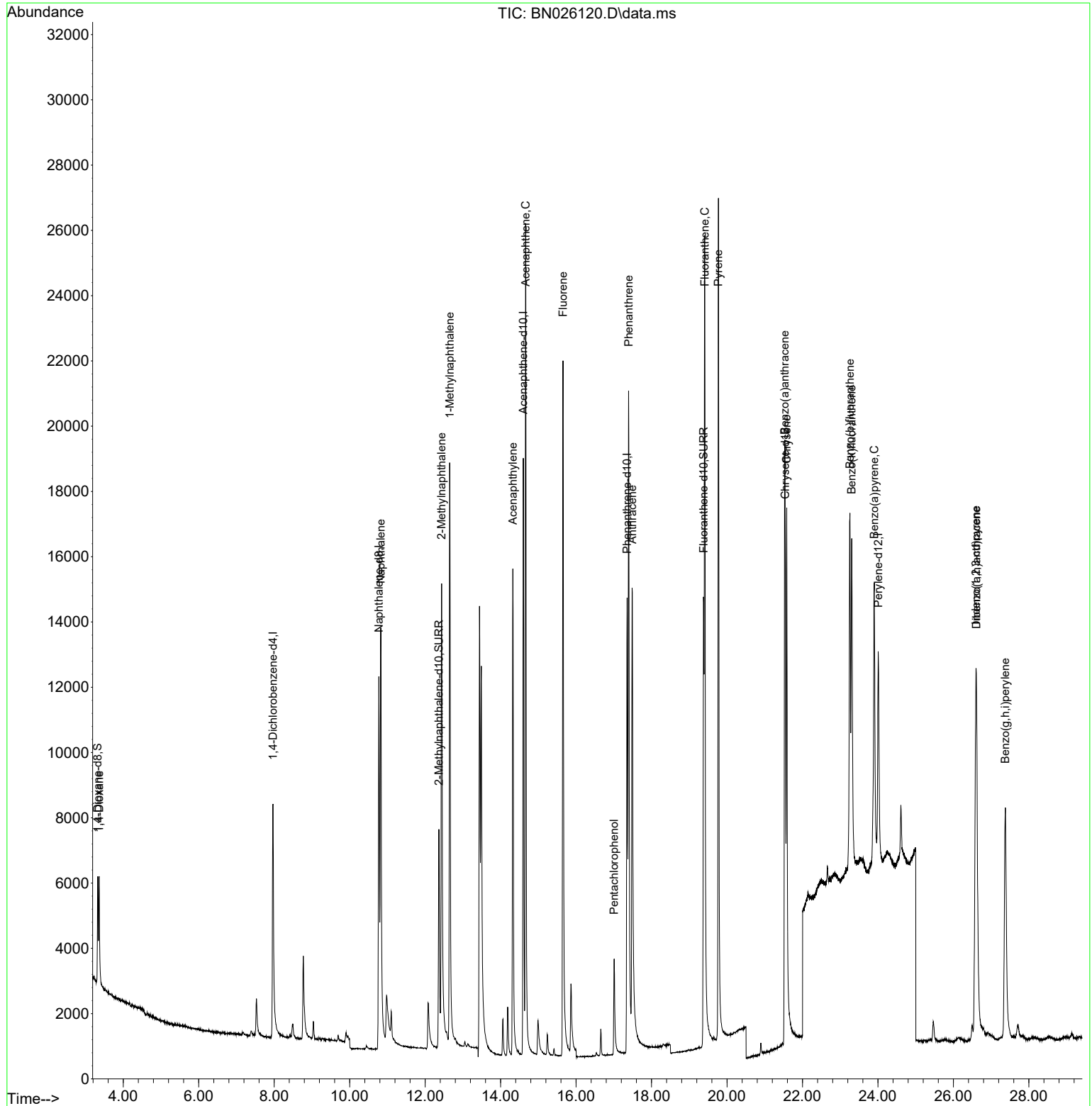
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	5759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	19810	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	11412	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	20792	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	11360	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	11263	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2312	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	11308	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	19297	0.446	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	2444	0.355	ng/ul	96
5) Naphthalene	10.825	128	22090	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.436	142	13381	0.370	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	14231	0.380	ng/ul	99
10) Acenaphthylene	14.325	152	21217	0.397	ng/ul	100
11) Acenaphthene	14.663	153	16933	0.387	ng/ul	99
12) Fluorene	15.653	166	17993	0.359	ng/ul	100
14) Pentachlorophenol	17.009	266	2735	0.367	ng/ul	99
15) Phenanthrene	17.393	178	25939	0.378	ng/ul	100
16) Anthracene	17.486	178	22325	0.366	ng/ul	98
19) Fluoranthene	19.410	202	26530	0.437	ng/ul	98
20) Pyrene	19.772	202	27096	0.429	ng/ul	98
21) Benzo(a)anthracene	21.526	228	17038	0.364	ng/ul	99
22) Chrysene	21.581	228	18026	0.370	ng/ul	99
24) Benzo(b)fluoranthene	23.256	252	17410	0.362	ng/ul	95
25) Benzo(k)fluoranthene	23.306	252	17667	0.366	ng/ul	95
26) Benzo(a)pyrene	23.902	252	16000	0.383	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.598	276	20733	0.455	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.608	278	15890	0.460	ng/ul	98
29) Benzo(g,h,i)perylene	27.376	276	18361	0.453	ng/ul	97

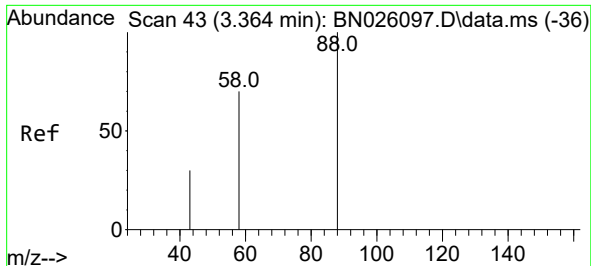
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026120.D
Acq On : 30 Jun 2023 08:29
Operator : MA/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

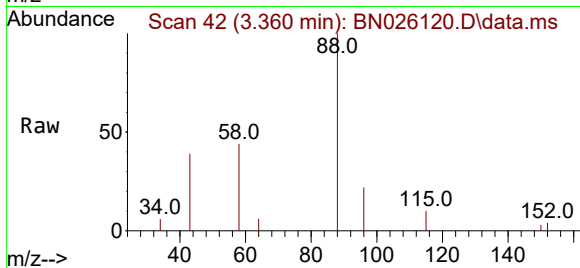
Quant Time: Jul 01 00:53:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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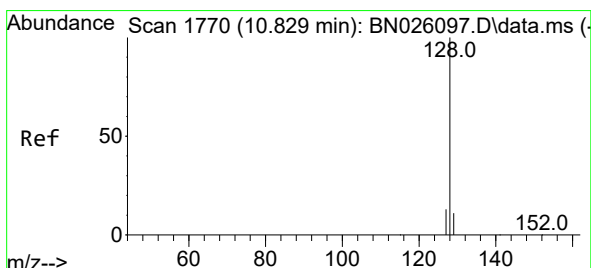
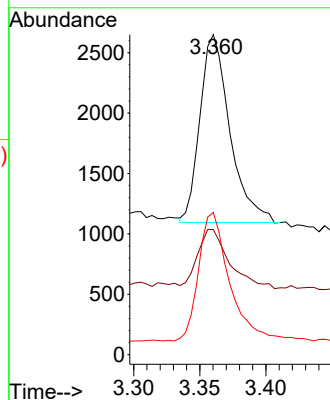
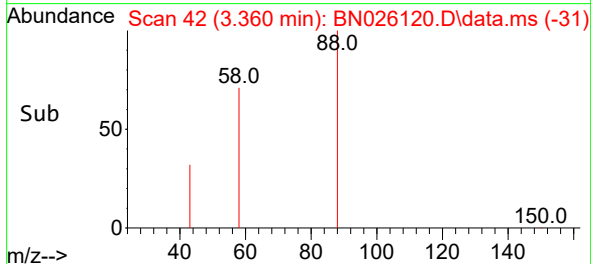
#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.360 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

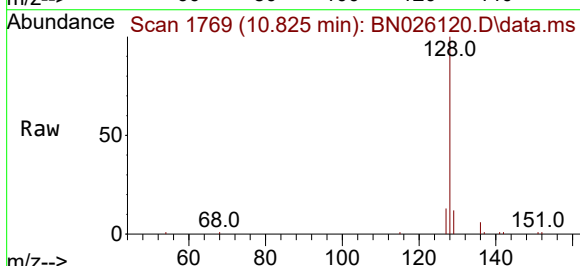


Tgt Ion: 88 Resp: 2444

Ion	Ratio	Lower	Upper
88	100		
43	39.1	29.5	44.3
58	44.5	37.4	56.2

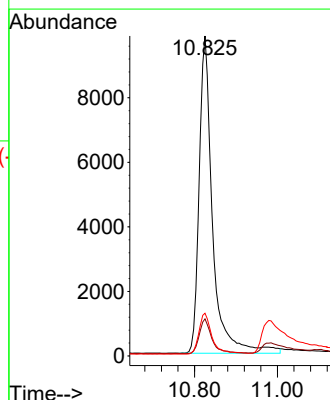
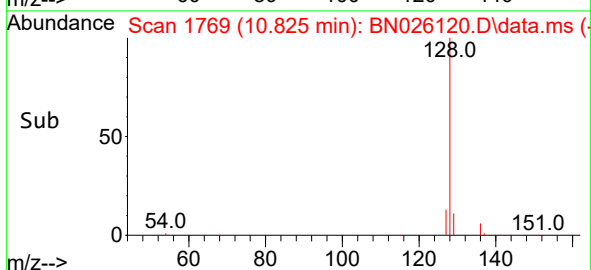


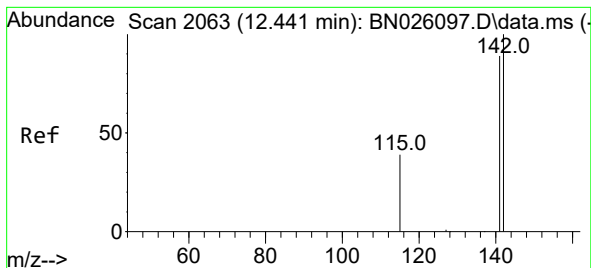
#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29



Tgt Ion: 128 Resp: 22090

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.4	10.7	16.1

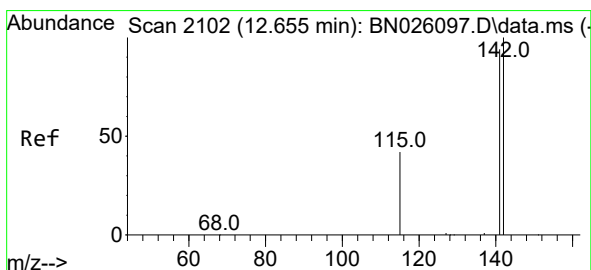
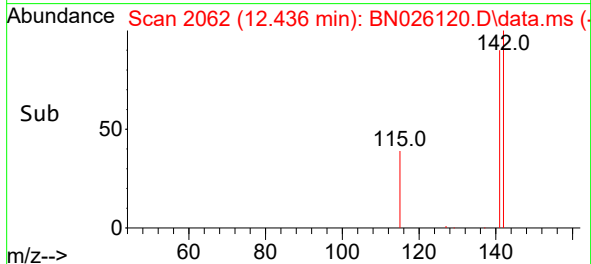
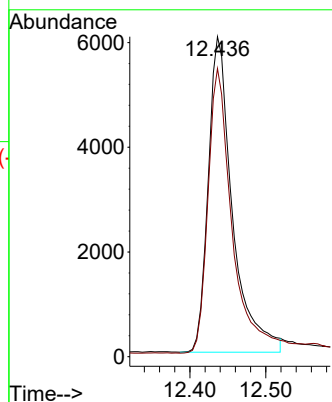
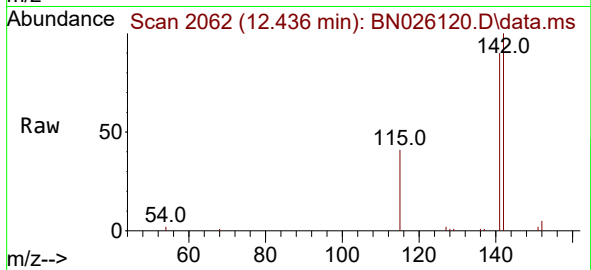




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

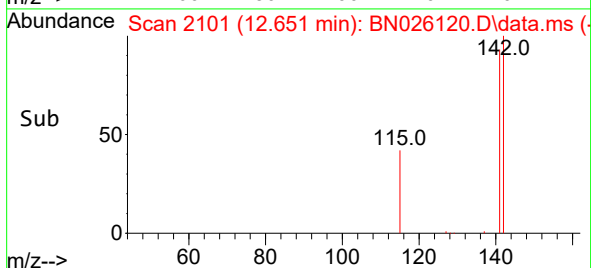
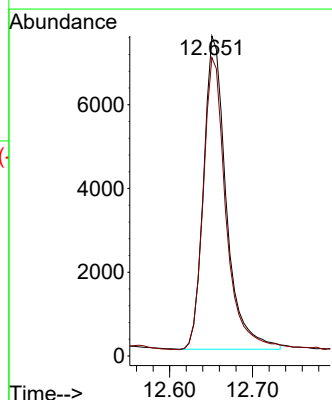
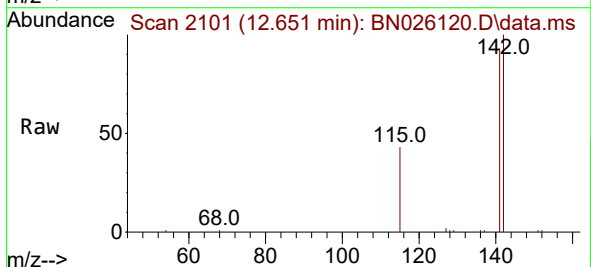
Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

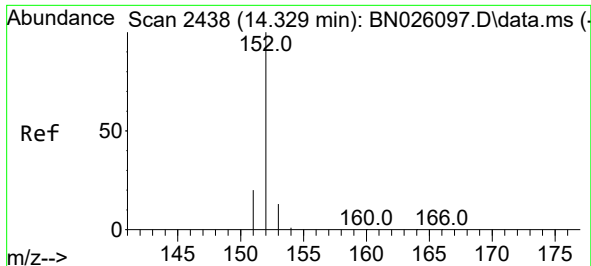
Tgt Ion:142 Resp: 13381
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:142 Resp: 14231
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4

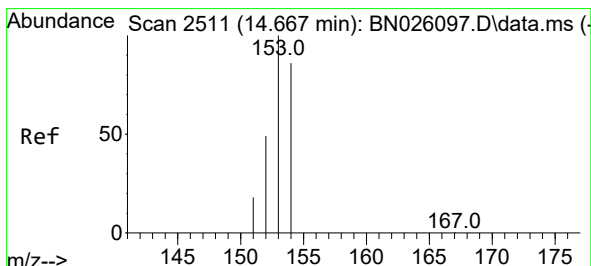
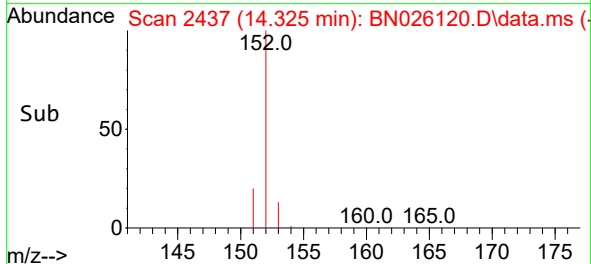
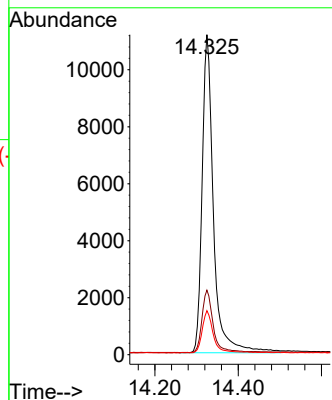
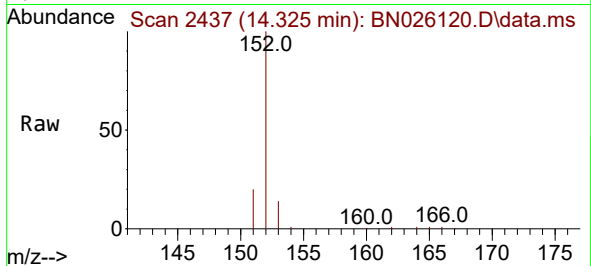




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.325 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

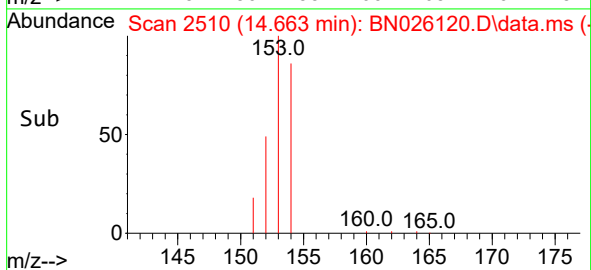
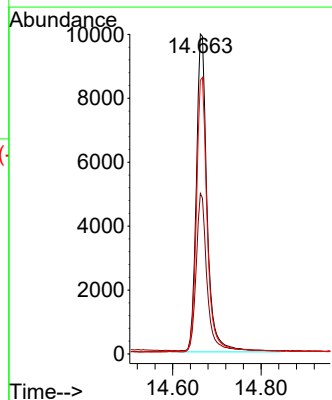
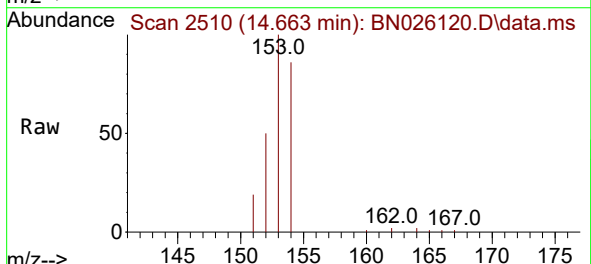
Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

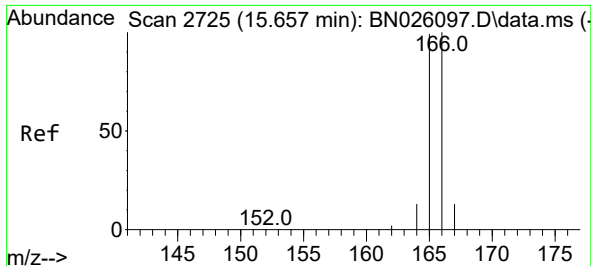
Tgt Ion:152 Resp: 21217
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.009 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:153 Resp: 16933
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.0
154 85.5 68.9 103.3

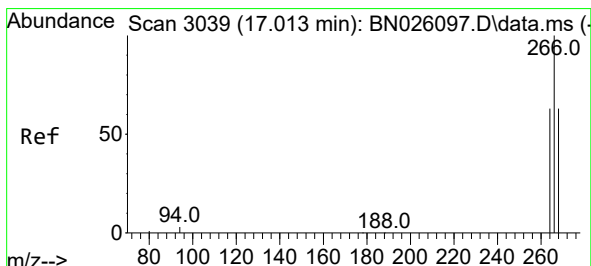
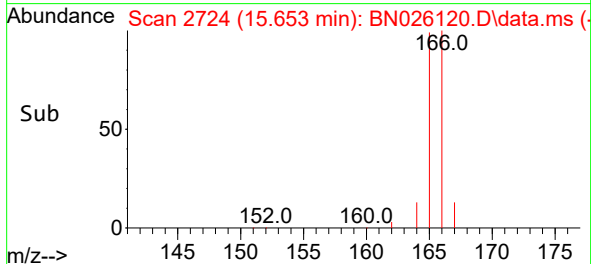
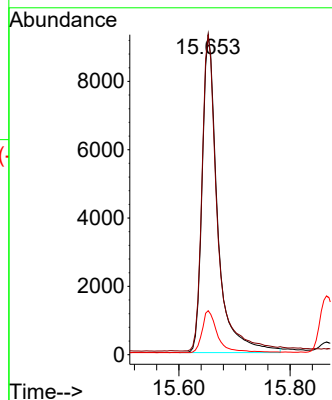
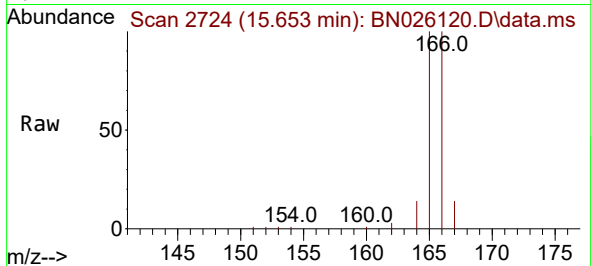




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

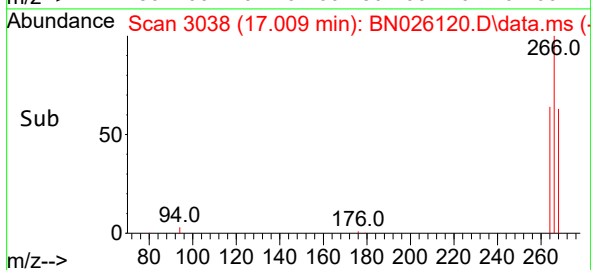
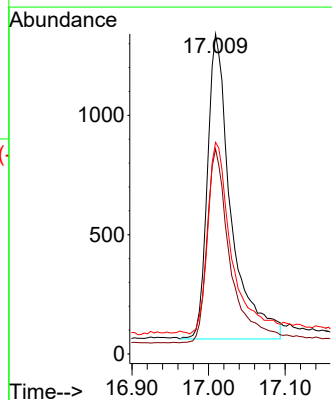
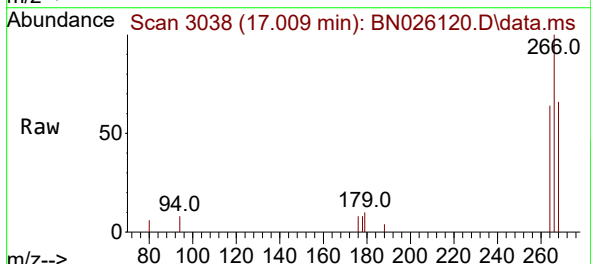
Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

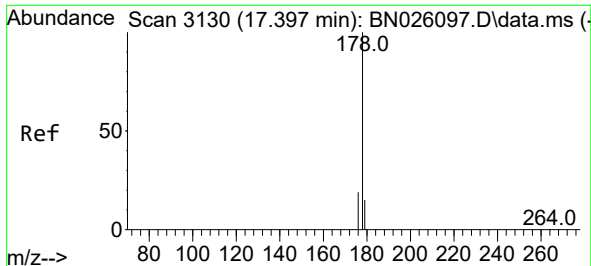
Tgt Ion:166 Resp: 17993
Ion Ratio Lower Upper
166 100
165 99.9 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.367 ng/ul
RT: 17.009 min Scan# 3038
Delta R.T. -0.008 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:266 Resp: 2735
Ion Ratio Lower Upper
266 100
264 62.7 50.5 75.7
268 63.7 51.6 77.4

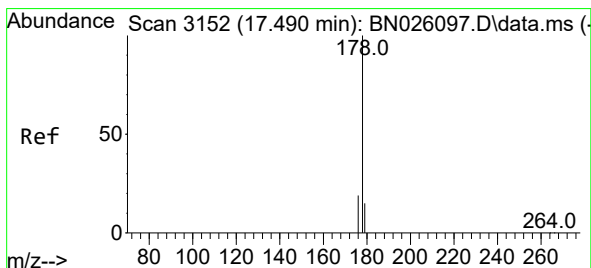
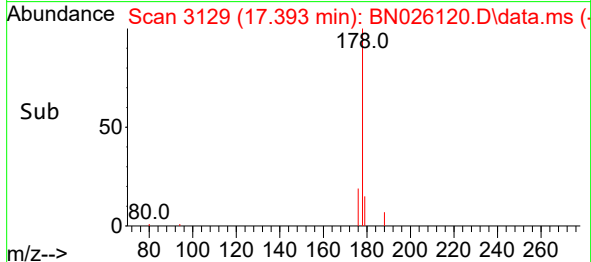
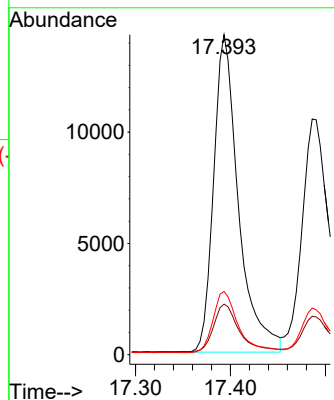
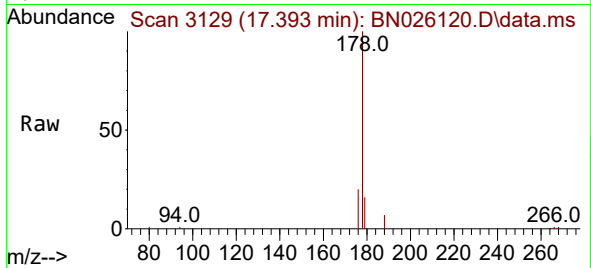




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

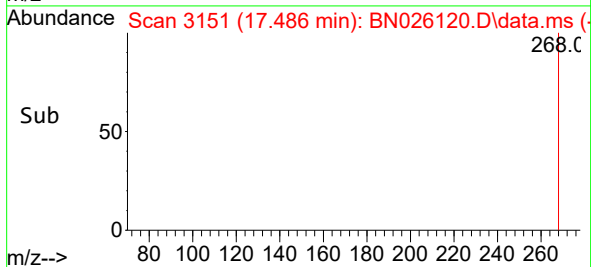
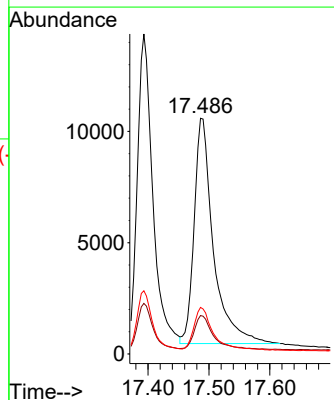
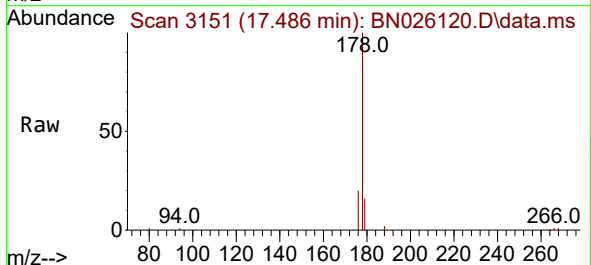
Instrument :
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ClientSampleId :
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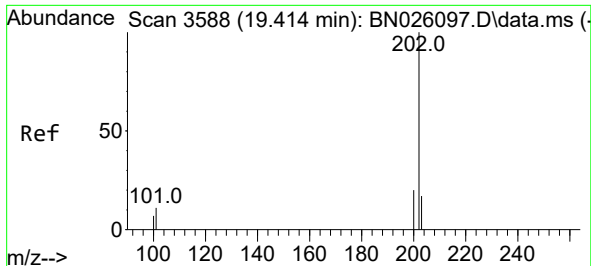
Tgt Ion:178 Resp: 25939
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:178 Resp: 22325
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.8 15.1 22.7

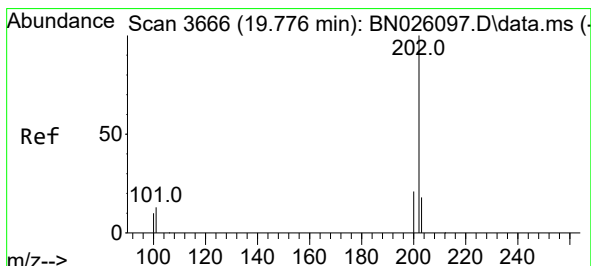
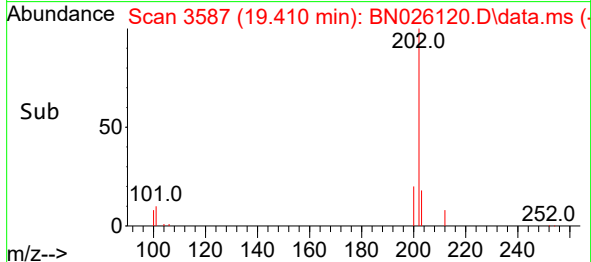
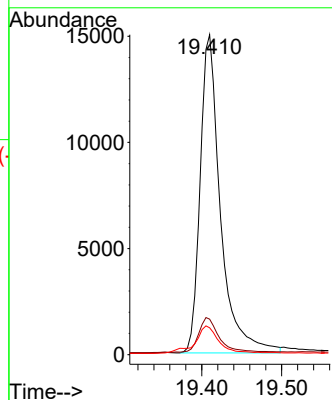
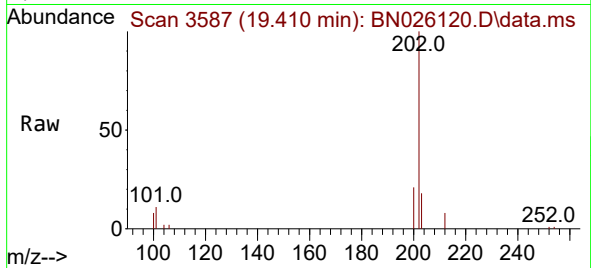




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

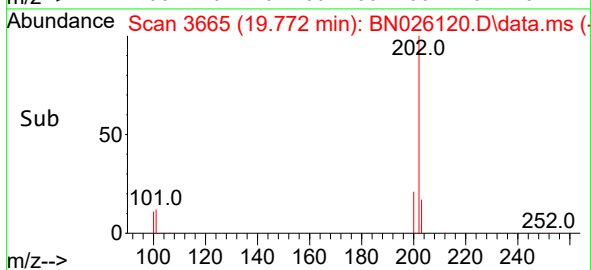
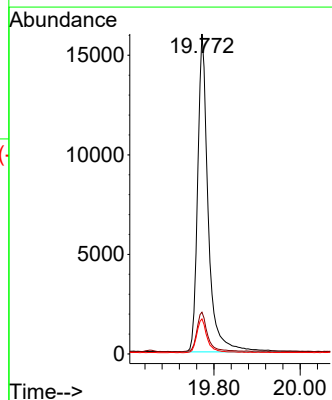
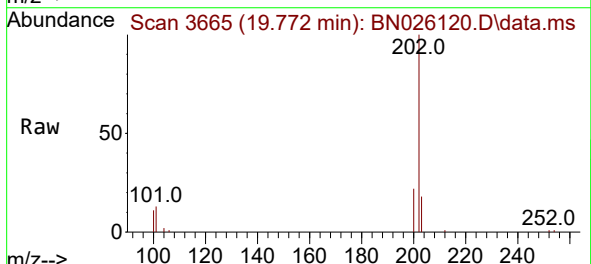
Instrument :
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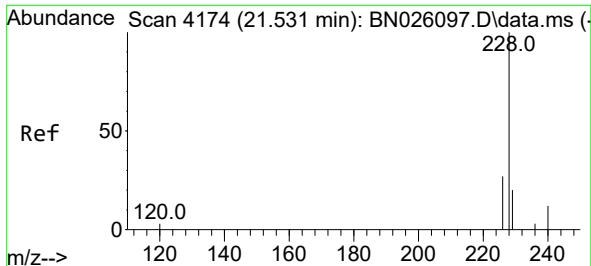
Tgt Ion:202 Resp: 26530
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.4 7.3 10.9



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

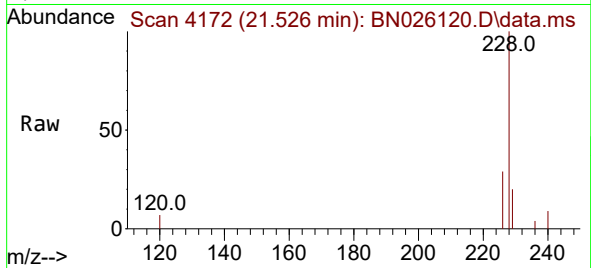
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Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 11.0 9.1 13.7



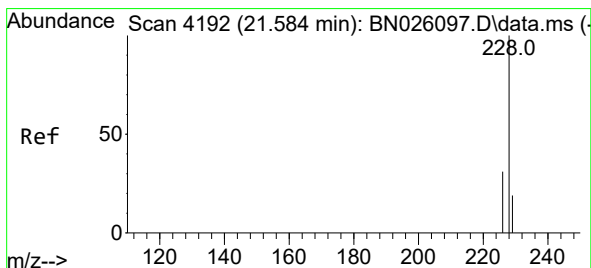
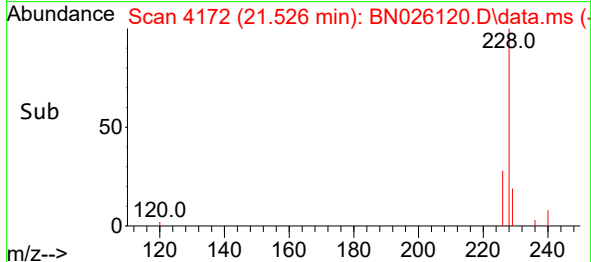
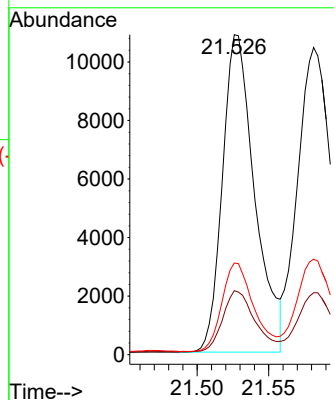


#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Instrument :
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SSTD0.4322

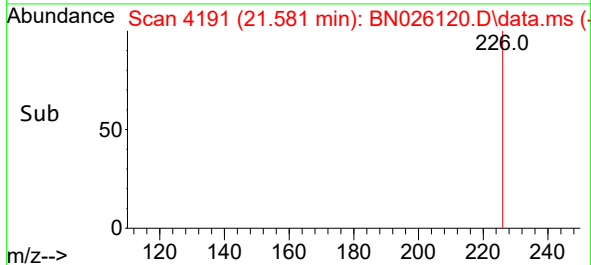
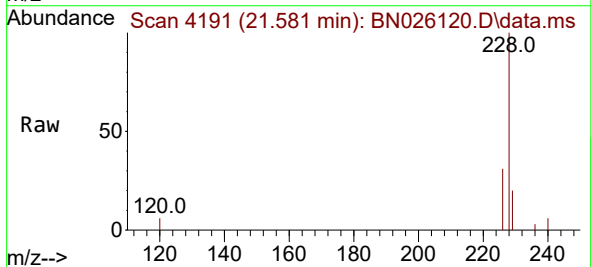
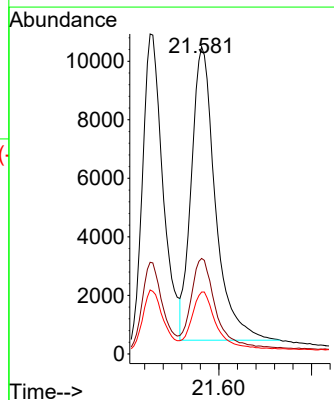


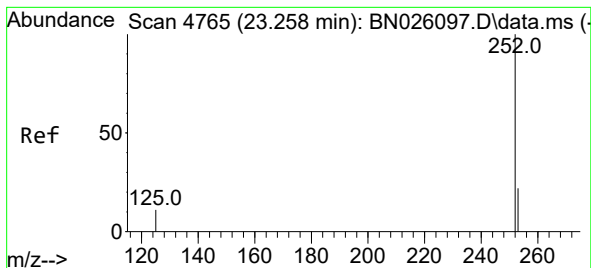
Tgt Ion:228 Resp: 17038
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:228 Resp: 18026
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 20.2 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.362 ng/ul

RT: 23.256 min Scan# 4764

Delta R.T. 0.003 min

Lab File: BN026120.D

Acq: 30 Jun 2023 08:29

Instrument :

BNA_N

ClientSampleId :

SSTD0.4322

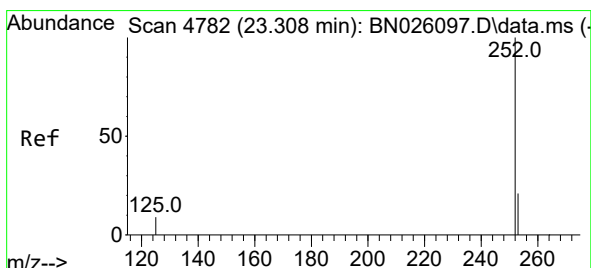
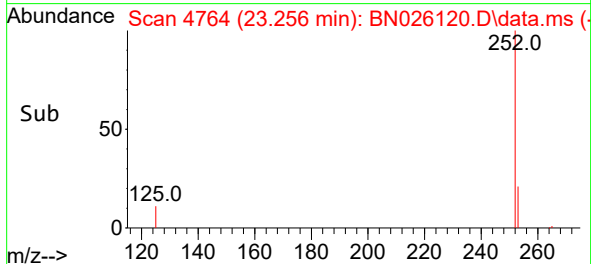
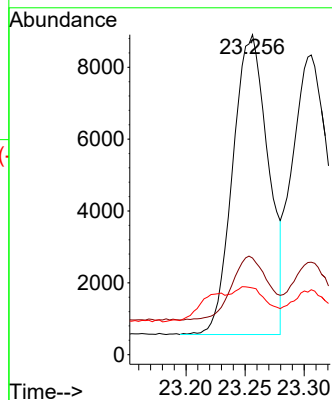
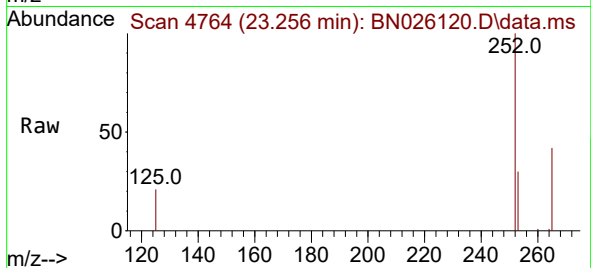
Tgt Ion:252 Resp: 17410

Ion Ratio Lower Upper

252 100

253 30.2 0.0 55.6

125 20.9 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.366 ng/ul

RT: 23.306 min Scan# 4781

Delta R.T. 0.003 min

Lab File: BN026120.D

Acq: 30 Jun 2023 08:29

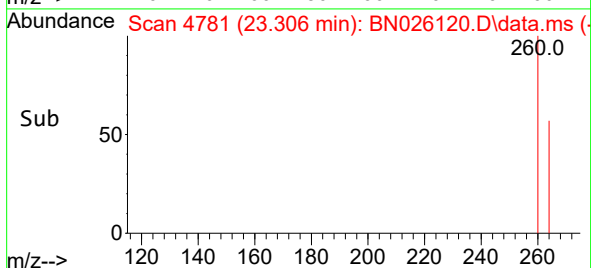
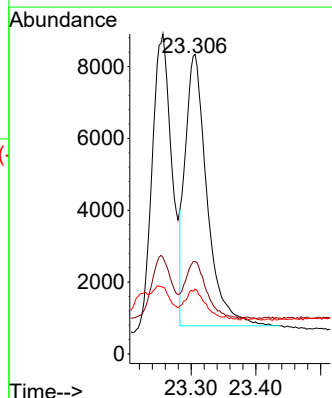
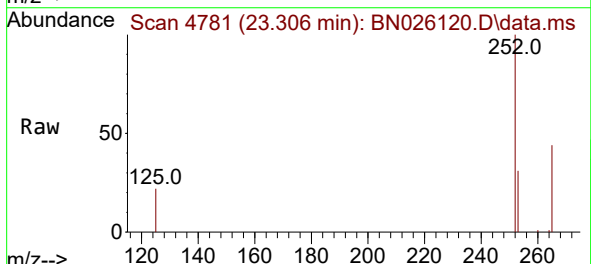
Tgt Ion:252 Resp: 17667

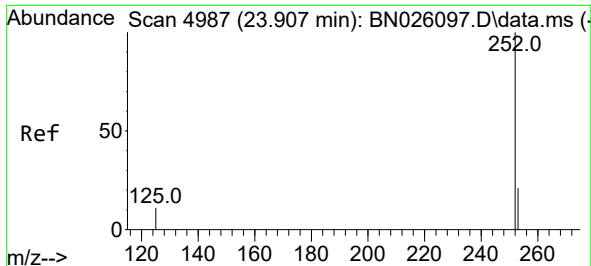
Ion Ratio Lower Upper

252 100

253 30.9 23.2 34.8

125 21.7 15.0 22.4

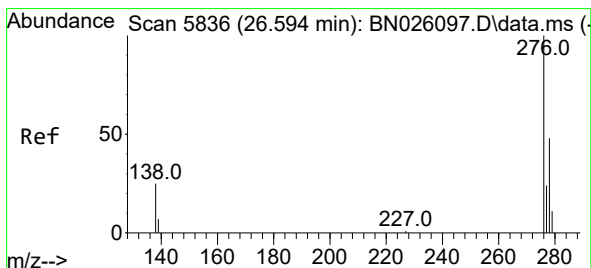
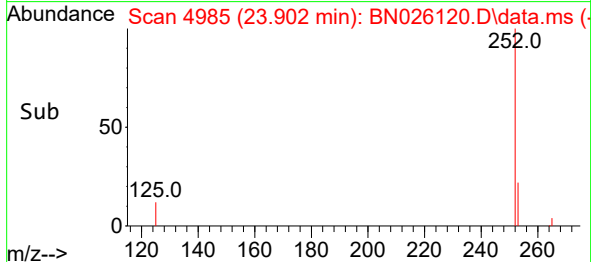
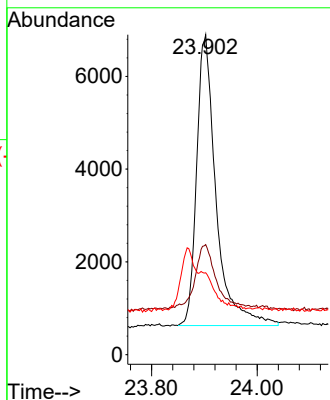
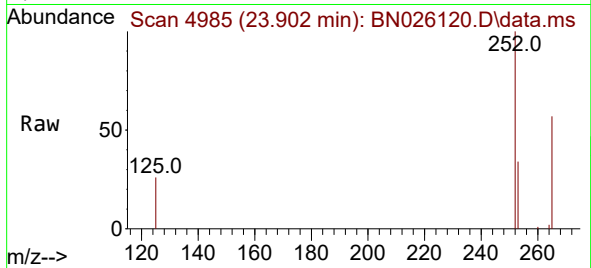




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.902 min Scan# 4987
Delta R.T. -0.003 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

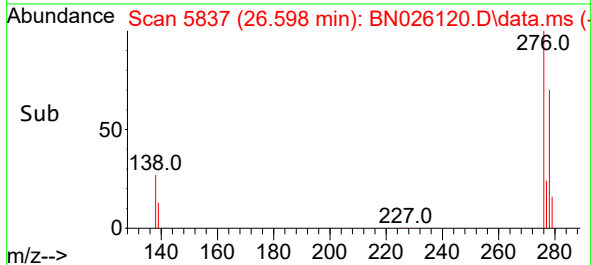
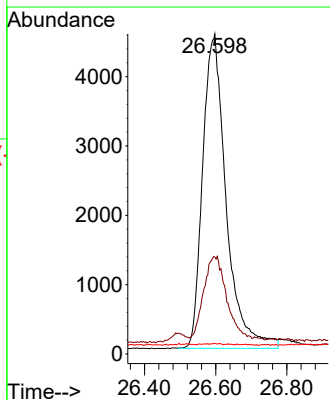
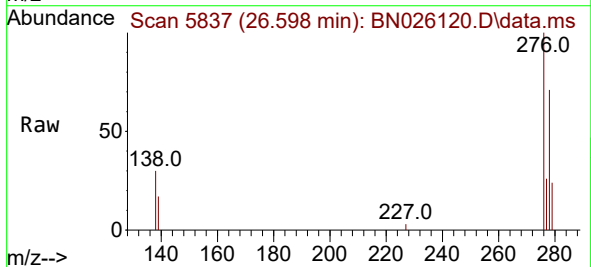
Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

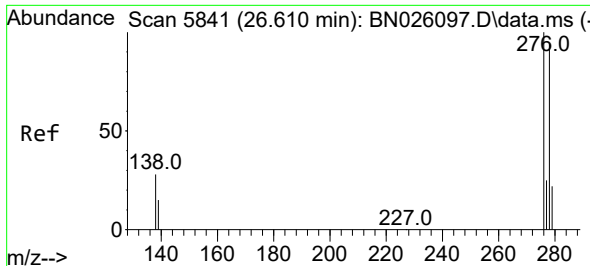
Tgt Ion:252 Resp: 16000
Ion Ratio Lower Upper
252 100
253 34.4 26.0 39.0
125 25.6 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:276 Resp: 20733
Ion Ratio Lower Upper
276 100
138 25.7 24.5 36.7
227 0.0 0.0 0.0#

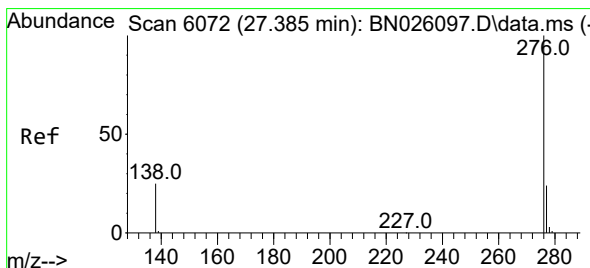
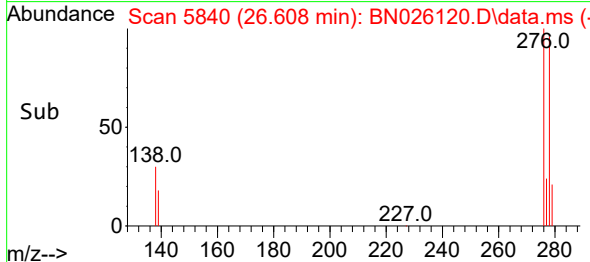
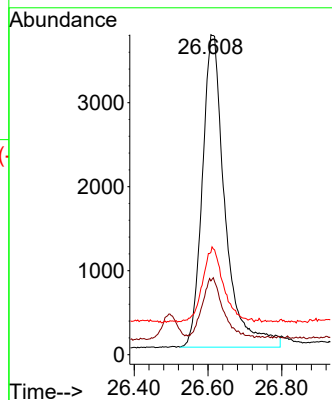
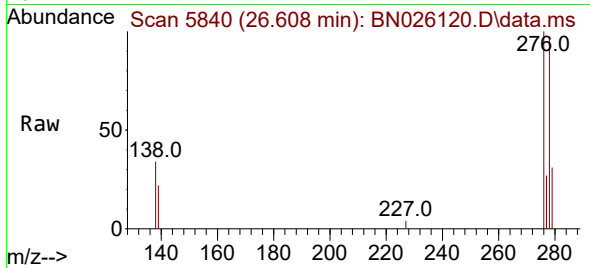




#28
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.608 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

Tgt Ion:278 Resp: 15890
Ion Ratio Lower Upper
278 100
139 23.0 19.0 28.4
279 32.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.010 min
Lab File: BN026120.D
Acq: 30 Jun 2023 08:29

Tgt Ion:276 Resp: 18361
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 26.7 20.0 30.0

