

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026019.D
 Acq On : 26 Jun 2023 10:17
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4314

Quant Time: Jun 27 01:37:25 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

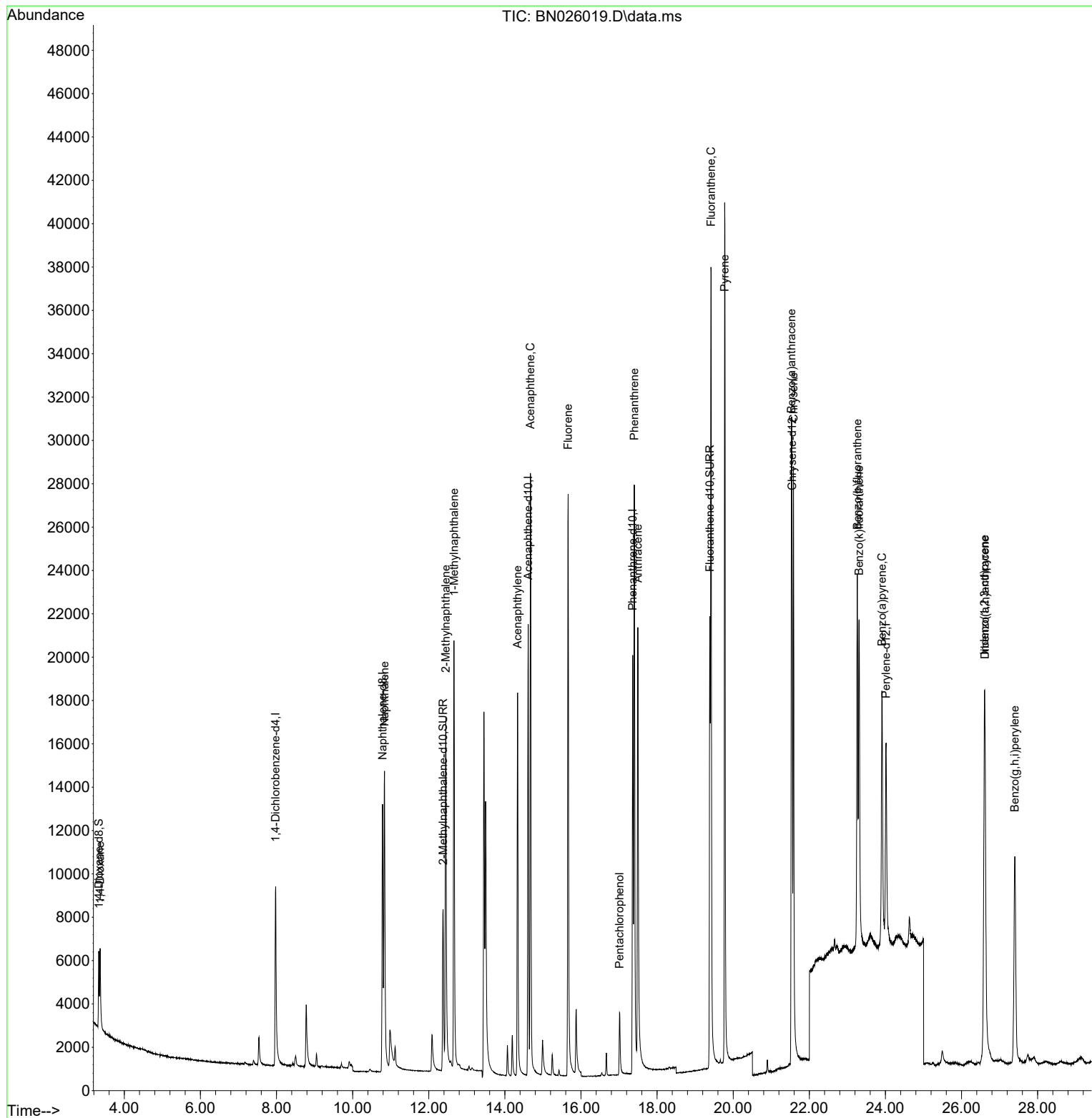
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6140	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	20143	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	12438	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	25950	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	16802	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	14395	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2625	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	12212	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	26833	0.420	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	2859	0.389	ng/ul	98
5) Naphthalene	10.836	128	22496	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.447	142	14257	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	15270	0.401	ng/ul	100
10) Acenaphthylene	14.334	152	23142	0.397	ng/ul	100
11) Acenaphthene	14.672	153	18630	0.391	ng/ul	99
12) Fluorene	15.662	166	20822	0.381	ng/ul	99
14) Pentachlorophenol	17.013	266	2465	0.265	ng/ul	99
15) Phenanthrene	17.402	178	33020	0.385	ng/ul	100
16) Anthracene	17.494	178	29125	0.382	ng/ul	99
19) Fluoranthene	19.419	202	37000	0.412	ng/ul	97
20) Pyrene	19.777	202	38217	0.409	ng/ul	99
21) Benzo(a)anthracene	21.529	228	26410	0.381	ng/ul	100
22) Chrysene	21.584	228	27141	0.376	ng/ul	99
24) Benzo(b)fluoranthene	23.262	252	23932	0.390	ng/ul	99
25) Benzo(k)fluoranthene	23.306	252	23925	0.388	ng/ul	99
26) Benzo(a)pyrene	23.908	252	20682	0.388	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.601	276	25339	0.435	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.614	278	19404	0.440	ng/ul	94
29) Benzo(g,h,i)perylene	27.399	276	21828	0.421	ng/ul	98

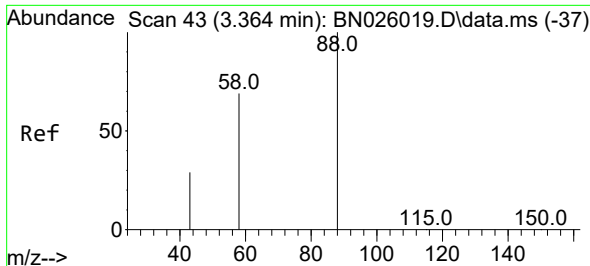
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 27 01:37:25 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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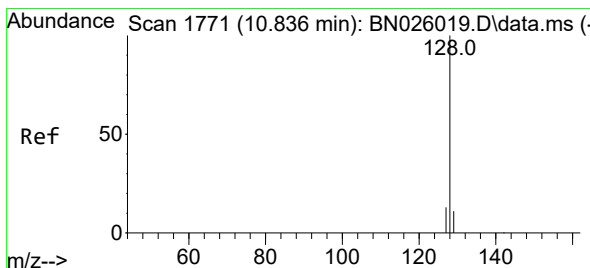
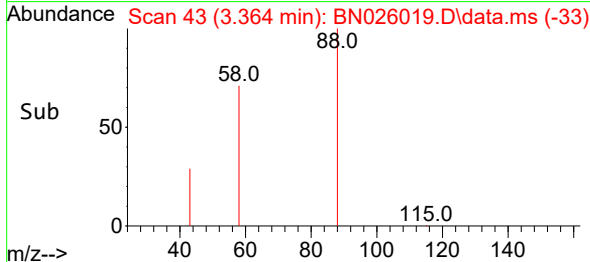
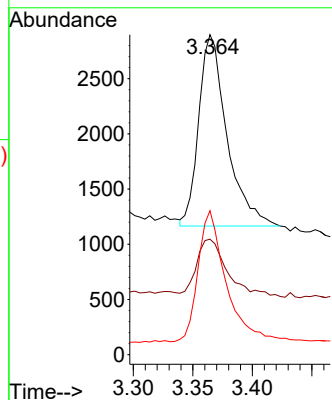
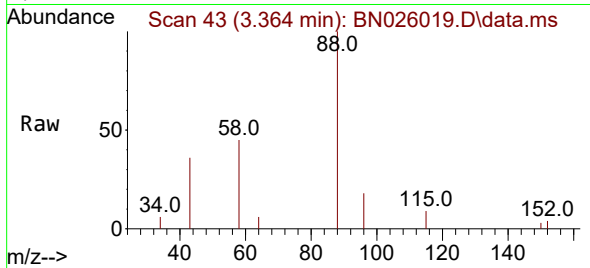




#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.364 min Scan# 43
Delta R.T. -0.009 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

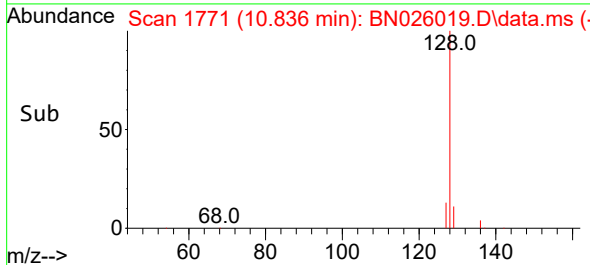
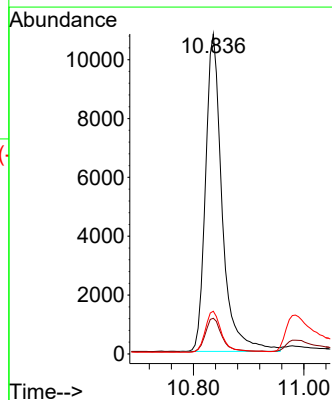
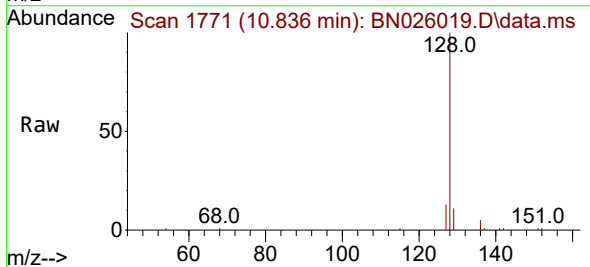
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

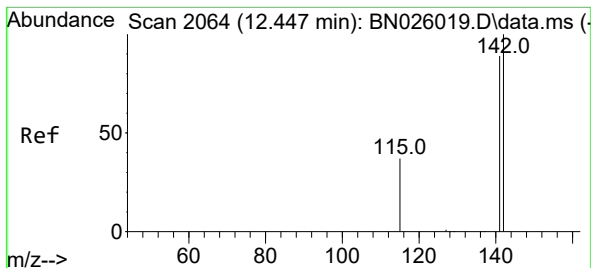
Tgt Ion: 88 Resp: 2859
Ion Ratio Lower Upper
88 100
43 36.1 29.5 44.3
58 45.0 37.4 56.2



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion: 128 Resp: 22496
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.4 10.7 16.1

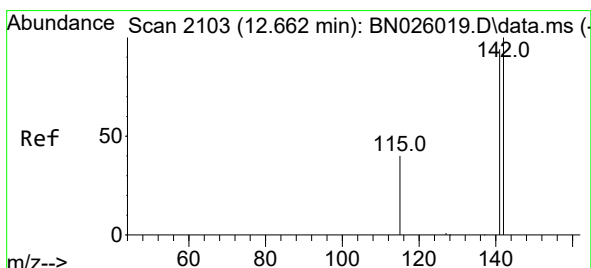
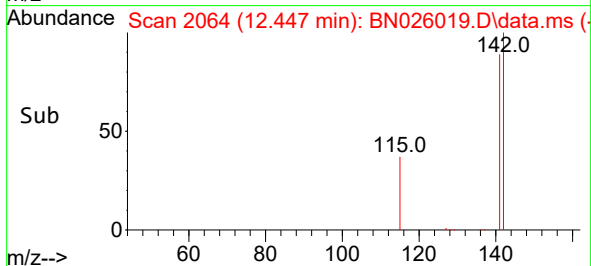
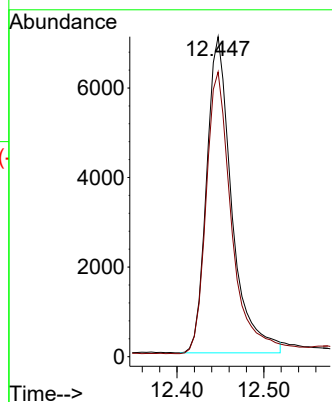
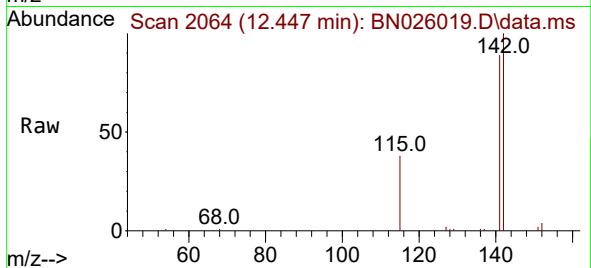




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

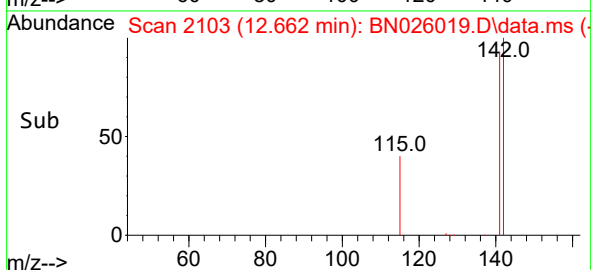
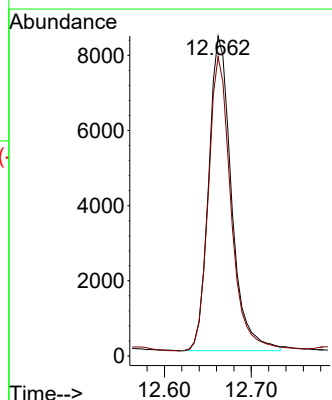
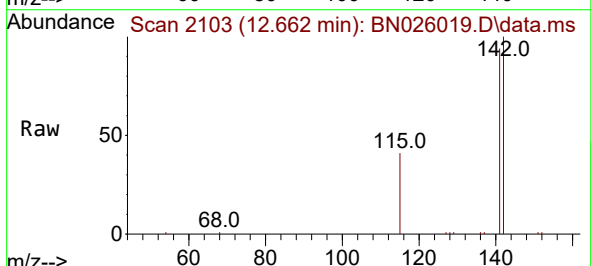
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

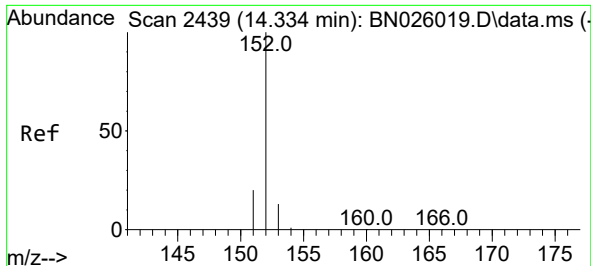
Tgt Ion:142 Resp: 14257
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion:142 Resp: 15270
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

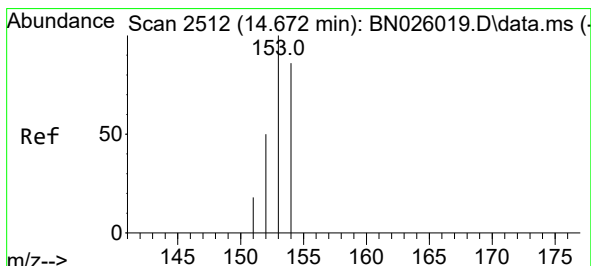
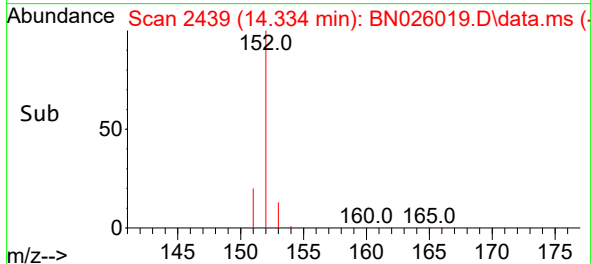
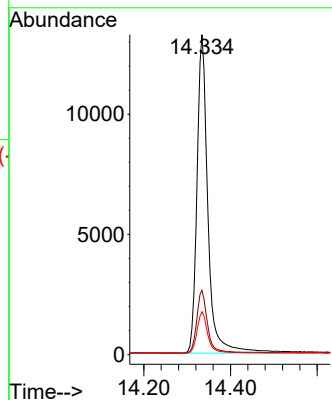
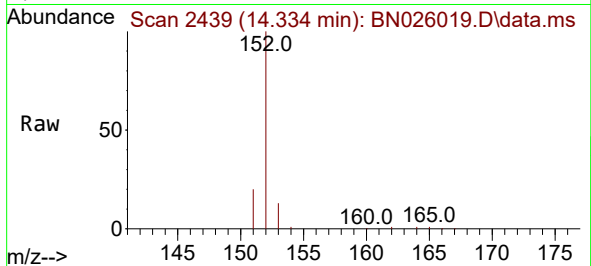




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

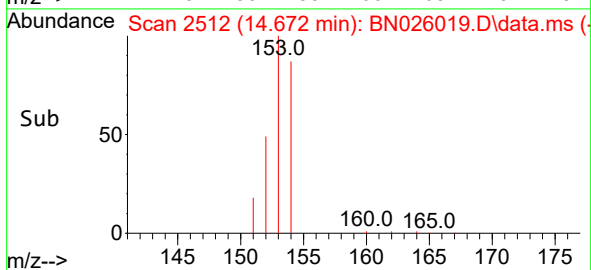
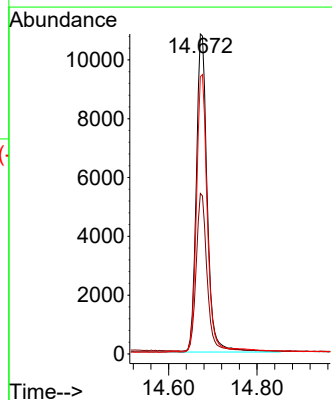
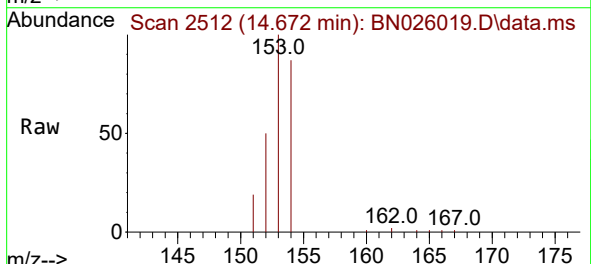
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

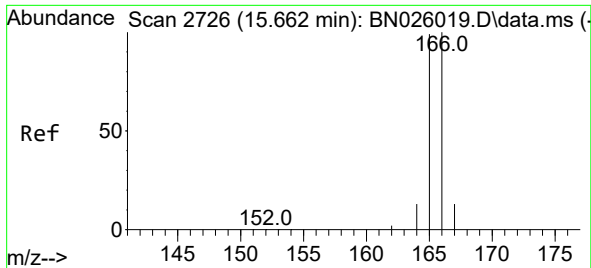
Tgt Ion:152 Resp: 23142
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.672 min Scan# 2512
Delta R.T. -0.009 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion:153 Resp: 18630
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.0
154 86.7 68.9 103.3

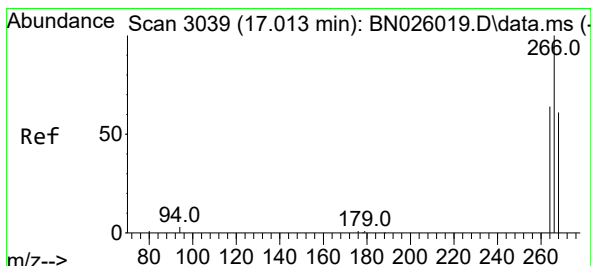
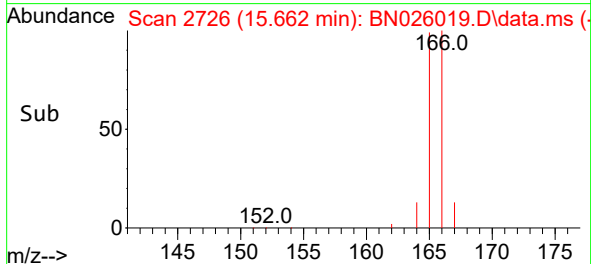
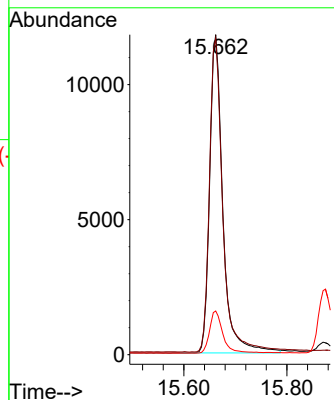
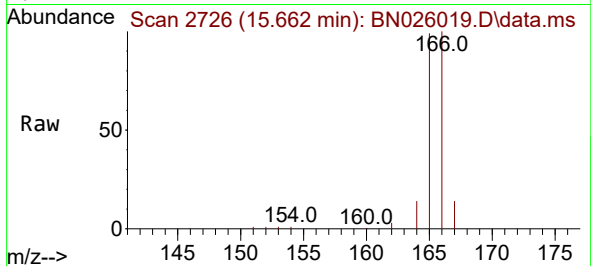




#12
 Fluorene
 Concen: 0.381 ng/ul
 RT: 15.662 min Scan# 2726
 Delta R.T. -0.005 min
 Lab File: BN026019.D
 Acq: 26 Jun 2023 10:17

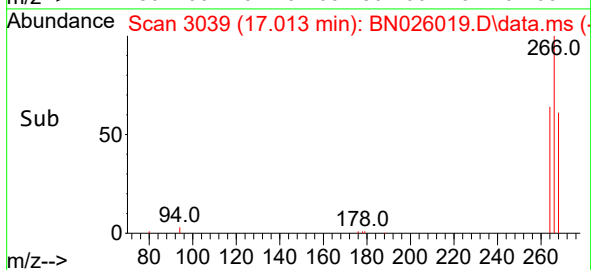
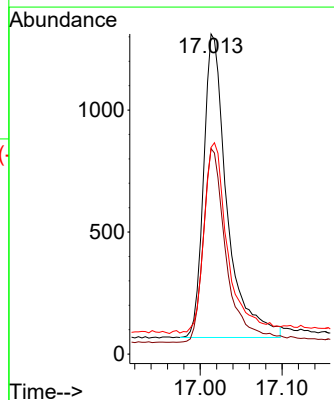
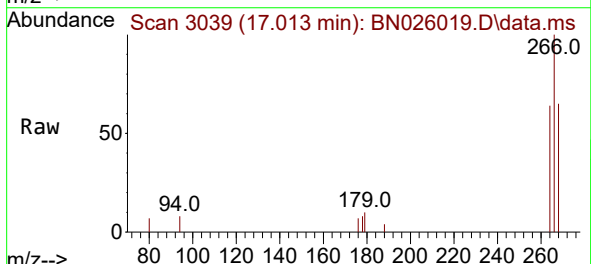
Instrument :
 BNA_N
 ClientSampleId :
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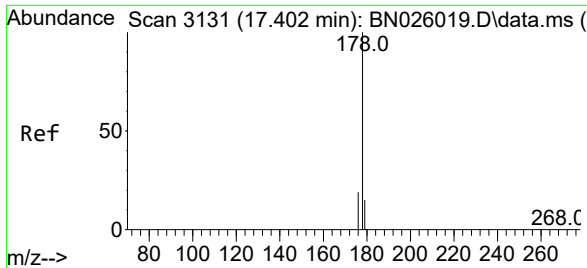
Tgt Ion:166 Resp: 20822
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.9 119.9
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.265 ng/ul
 RT: 17.013 min Scan# 3039
 Delta R.T. -0.004 min
 Lab File: BN026019.D
 Acq: 26 Jun 2023 10:17

Tgt Ion:266 Resp: 2465
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.5 75.7
 268 63.9 51.6 77.4

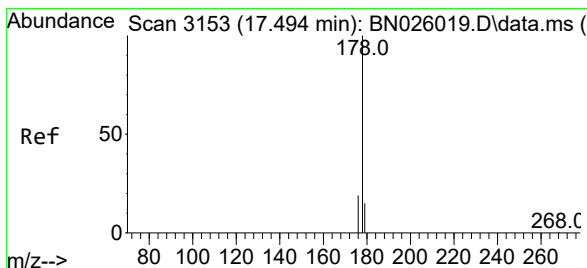
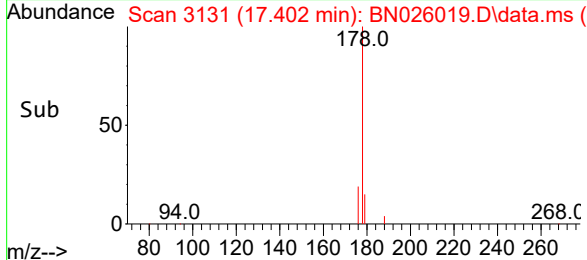
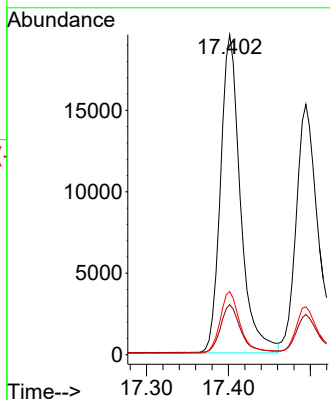
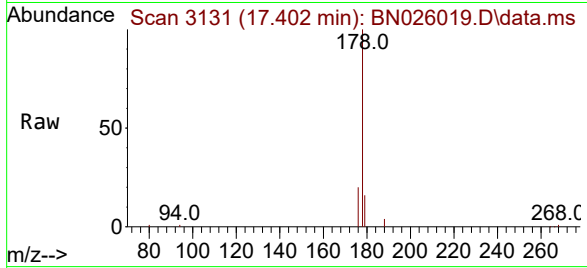




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

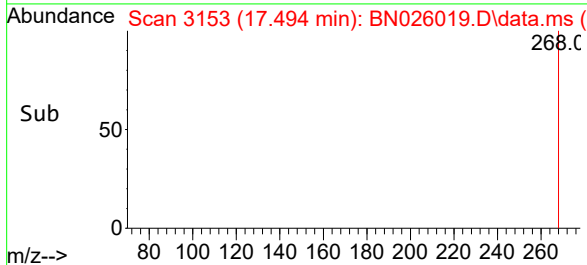
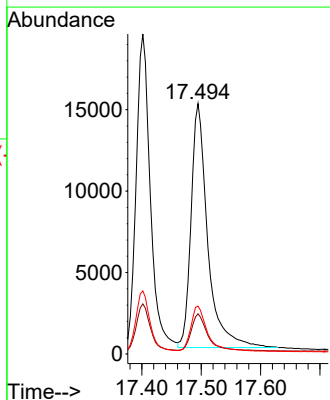
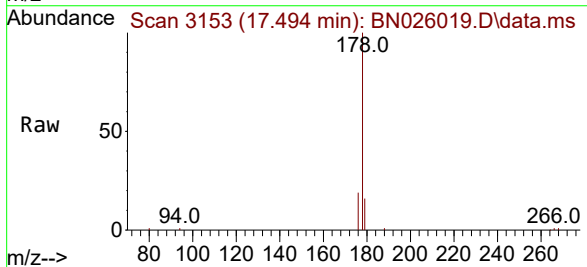
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

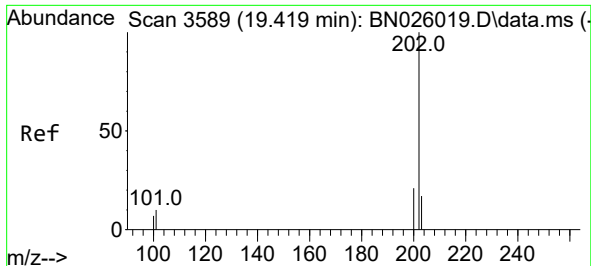
Tgt Ion:	178	Resp:	33020
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.7	15.8	23.6



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.494 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion:	178	Resp:	29125
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	18.8
176	19.1	15.1	22.7





#19

Fluoranthene

Concen: 0.412 ng/ul

RT: 19.419 min Scan# 3589

Delta R.T. -0.000 min

Lab File: BN026019.D

Acq: 26 Jun 2023 10:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4314

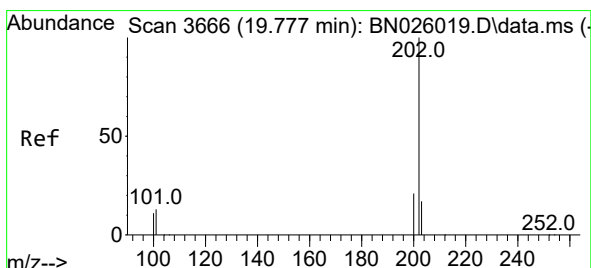
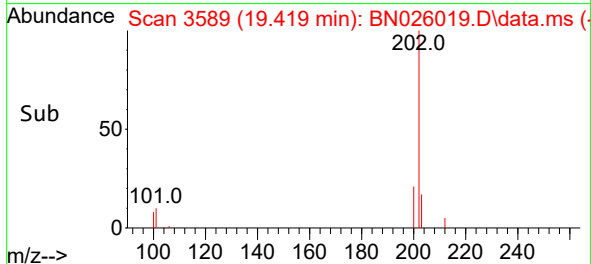
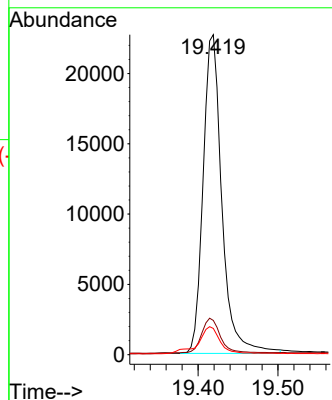
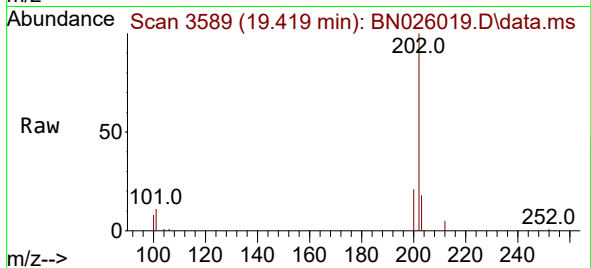
Tgt Ion:202 Resp: 37000

Ion Ratio Lower Upper

202 100

101 10.7 9.5 14.3

100 8.2 7.3 10.9



#20

Pyrene

Concen: 0.409 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN026019.D

Acq: 26 Jun 2023 10:17

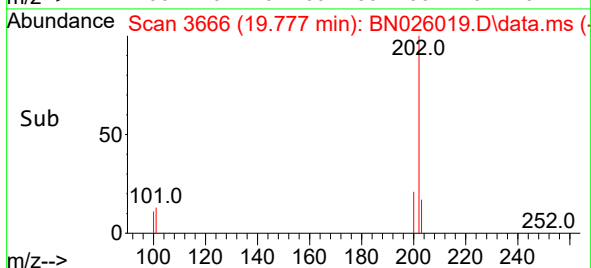
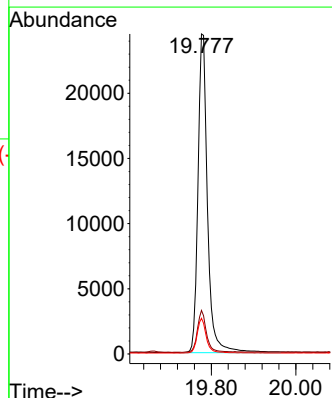
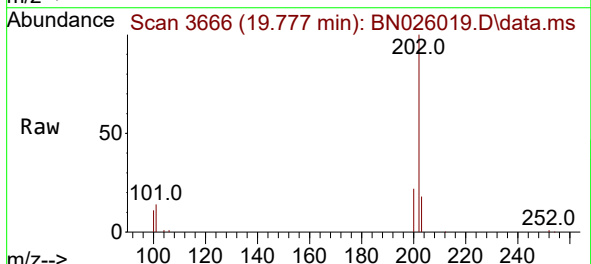
Tgt Ion:202 Resp: 38217

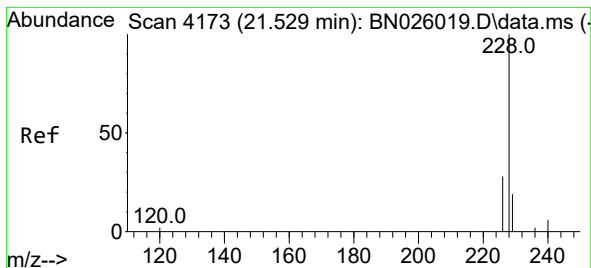
Ion Ratio Lower Upper

202 100

101 13.6 11.4 17.0

100 11.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.381 ng/ul

RT: 21.529 min Scan# 4173

Delta R.T. -0.003 min

Lab File: BN026019.D

Acq: 26 Jun 2023 10:17

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BNA_N

ClientSampleId :

SSTD0.4314

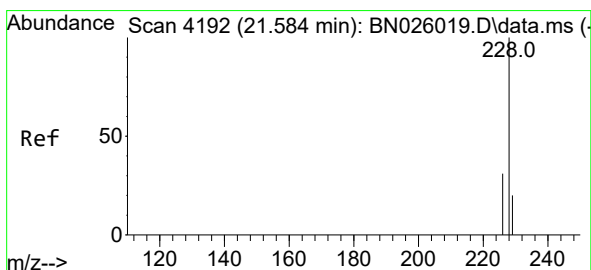
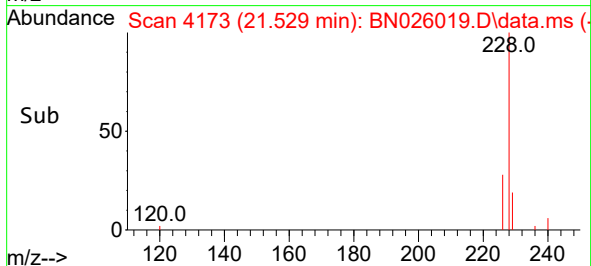
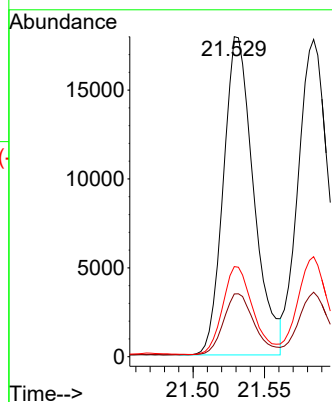
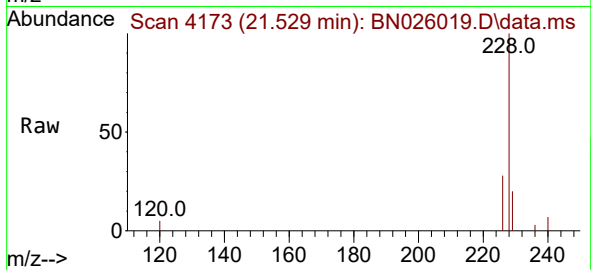
Tgt Ion:228 Resp: 26410

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 28.2 22.5 33.7



#22

Chrysene

Concen: 0.376 ng/ul

RT: 21.584 min Scan# 4192

Delta R.T. -0.000 min

Lab File: BN026019.D

Acq: 26 Jun 2023 10:17

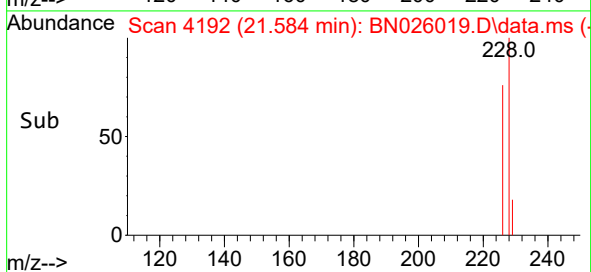
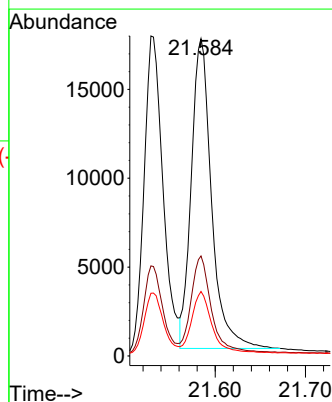
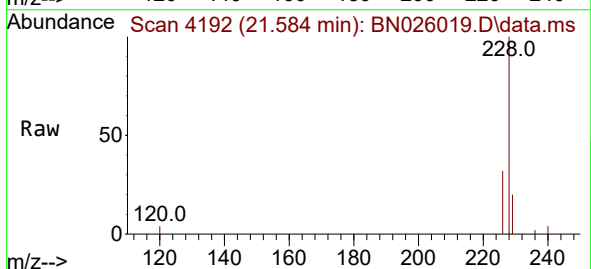
Tgt Ion:228 Resp: 27141

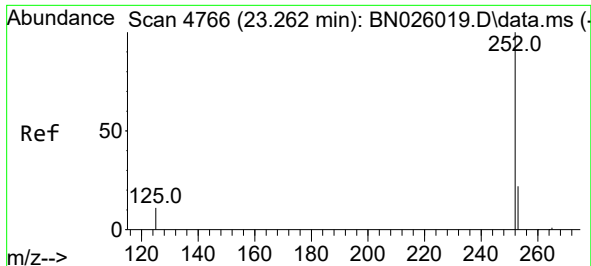
Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 20.3 15.7 23.5

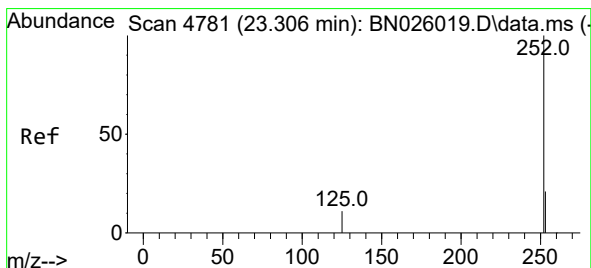
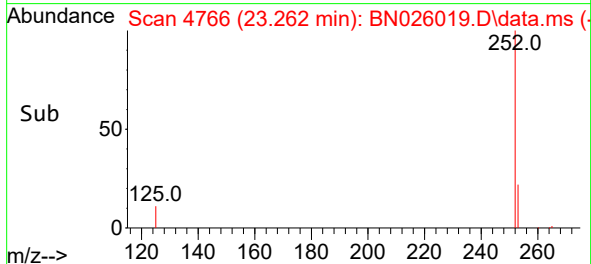
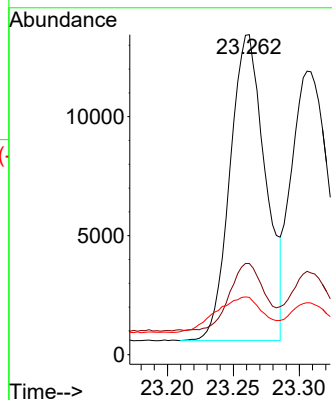
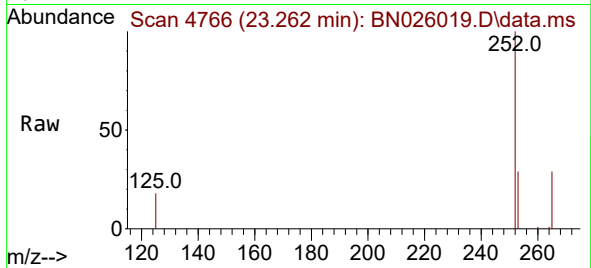




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. 0.006 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

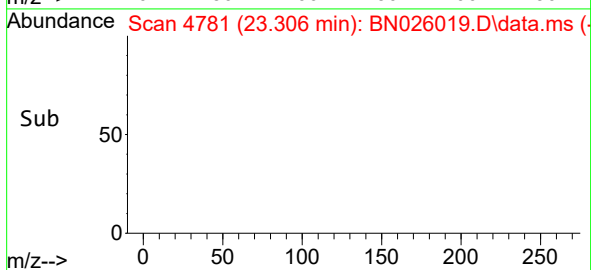
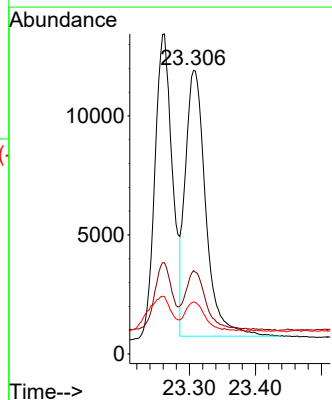
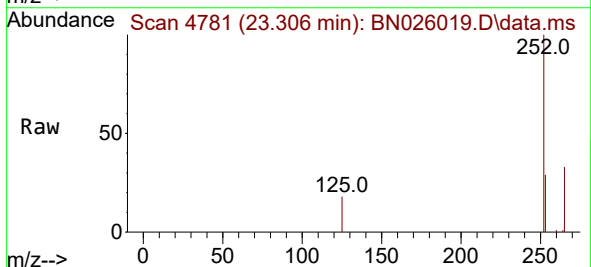
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

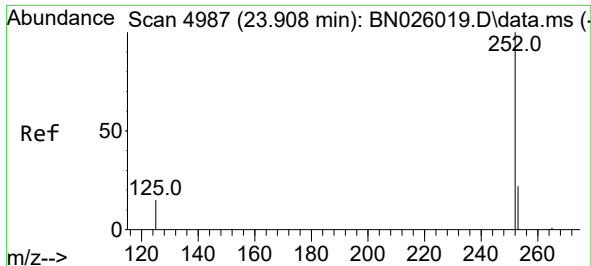
Tgt Ion:252 Resp: 23932
Ion Ratio Lower Upper
252 100
253 28.5 0.0 55.6
125 17.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.306 min Scan# 4781
Delta R.T. -0.003 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion:252 Resp: 23925
Ion Ratio Lower Upper
252 100
253 29.4 23.2 34.8
125 18.3 15.0 22.4

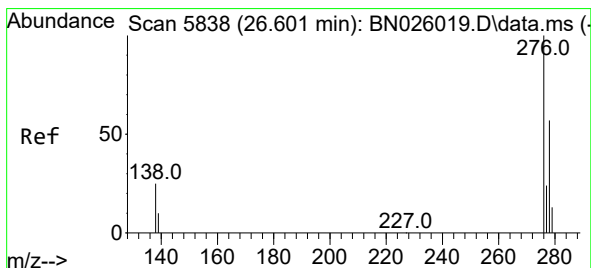
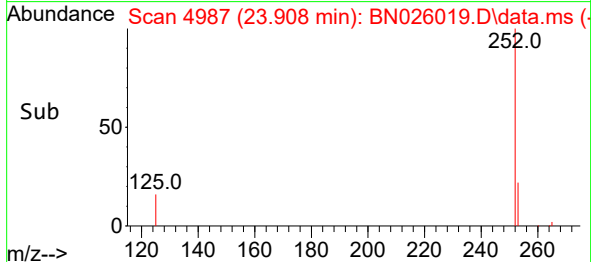
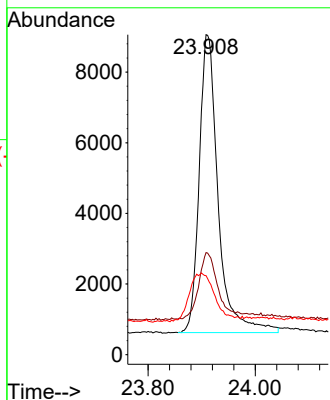
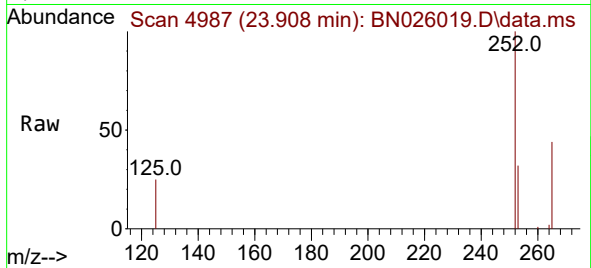




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. -0.000 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

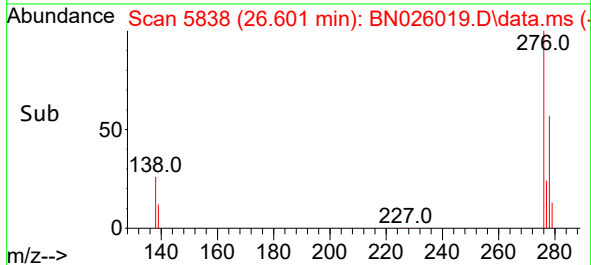
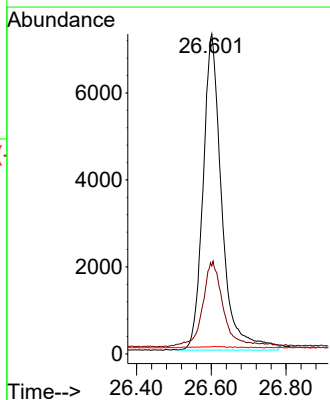
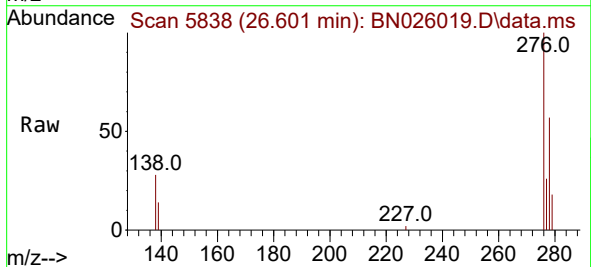
Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

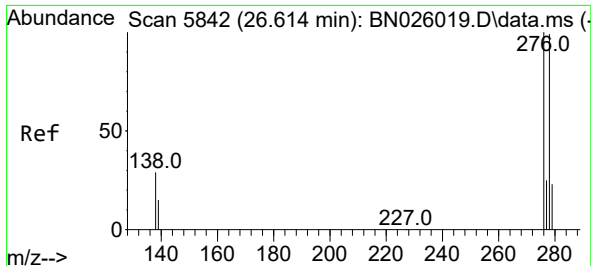
Tgt Ion:252 Resp: 20682
Ion Ratio Lower Upper
252 100
253 31.9 26.0 39.0
125 24.7 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. 0.007 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion:276 Resp: 25339
Ion Ratio Lower Upper
276 100
138 29.8 24.5 36.7
227 0.0 0.0 0.0

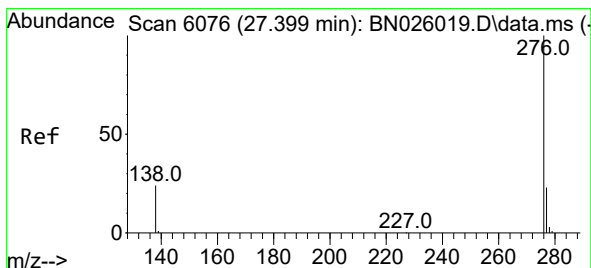
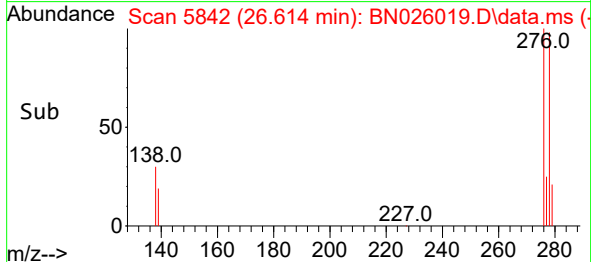
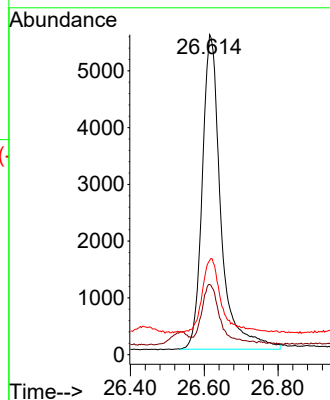
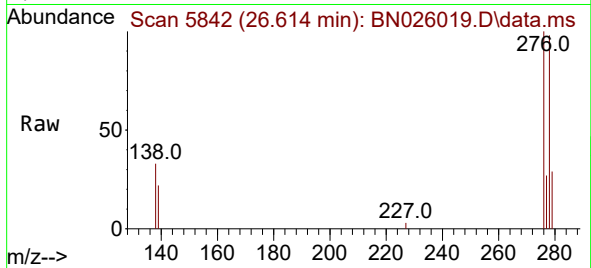




#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.614 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.4314

Tgt Ion:278 Resp: 19404
Ion Ratio Lower Upper
278 100
139 21.9 19.0 28.4
279 29.5 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.399 min Scan# 6076
Delta R.T. 0.013 min
Lab File: BN026019.D
Acq: 26 Jun 2023 10:17

Tgt Ion:276 Resp: 21828
Ion Ratio Lower Upper
276 100
138 27.1 23.4 35.0
277 25.1 20.0 30.0

