

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026007.D
 Acq On : 24 Jun 2023 16:12
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4312

Quant Time: Jun 24 23:50:02 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

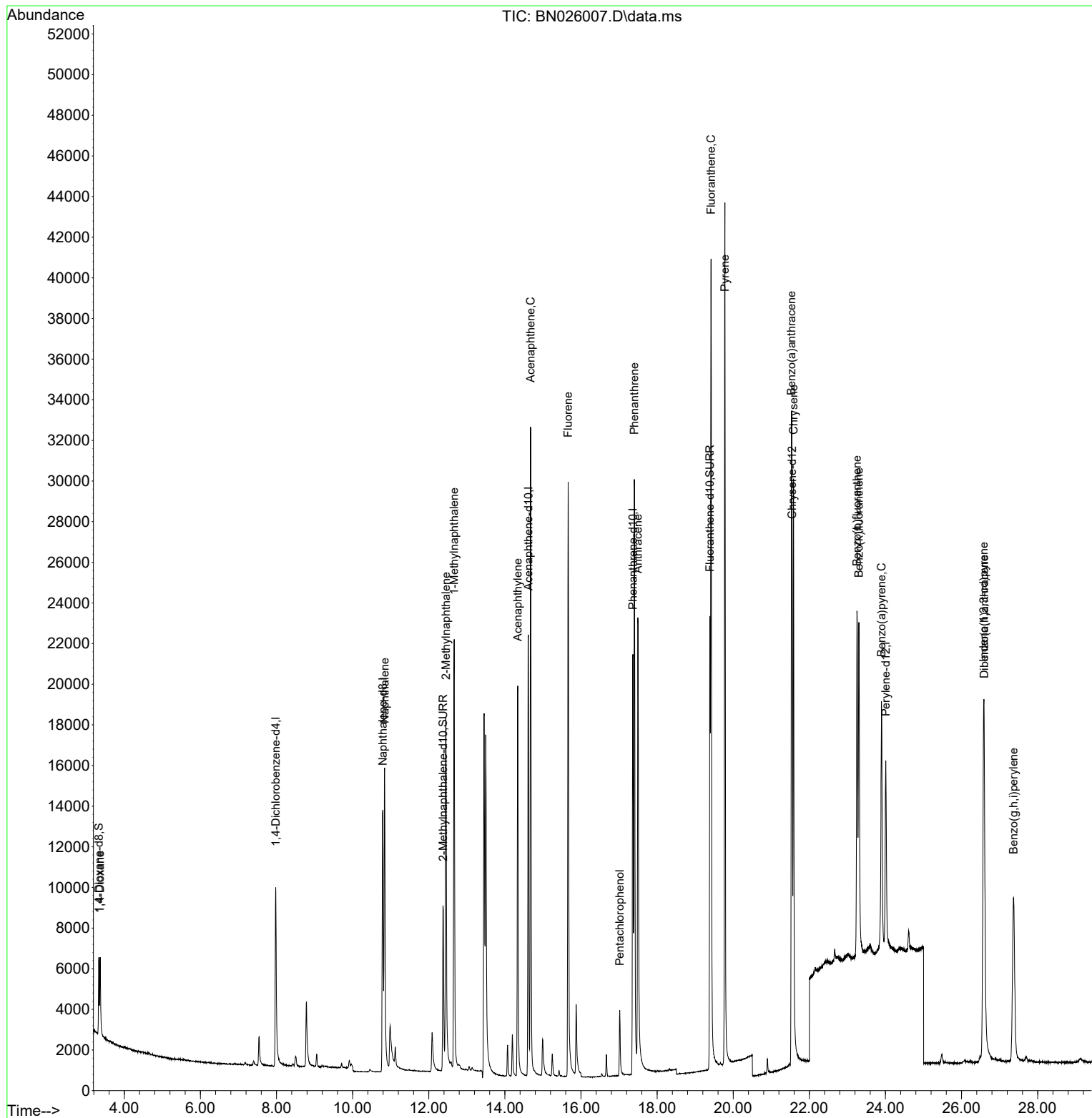
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	6480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	21373	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	13191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	27716	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	17533	0.400	ng/ul	0.00
23) Perylene-d12	24.007	264	15054	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2661	0.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	12927	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	28220	0.423	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	2904	0.375	ng/ul	99
5) Naphthalene	10.840	128	23905	0.390	ng/ul	100
7) 2-Methylnaphthalene	12.452	142	15140	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.666	142	16323	0.404	ng/ul	99
10) Acenaphthylene	14.338	152	25470	0.412	ng/ul	100
11) Acenaphthene	14.676	153	19922	0.394	ng/ul	99
12) Fluorene	15.662	166	22265	0.384	ng/ul	99
14) Pentachlorophenol	17.017	266	2634	0.265	ng/ul	99
15) Phenanthrene	17.401	178	35268	0.385	ng/ul	99
16) Anthracene	17.494	178	31655	0.389	ng/ul	99
19) Fluoranthene	19.418	202	39171	0.418	ng/ul	98
20) Pyrene	19.781	202	40457	0.415	ng/ul	97
21) Benzo(a)anthracene	21.531	228	27935	0.386	ng/ul	100
22) Chrysene	21.584	228	28488	0.379	ng/ul	100
24) Benzo(b)fluoranthene	23.253	252	24440	0.380	ng/ul	99
25) Benzo(k)fluoranthene	23.302	252	25021	0.388	ng/ul	98
26) Benzo(a)pyrene	23.896	252	21297	0.382	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.580	276	26499	0.435	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.594	278	20471	0.444	ng/ul	95
29) Benzo(g,h,i)perylene	27.368	276	22657	0.418	ng/ul	97

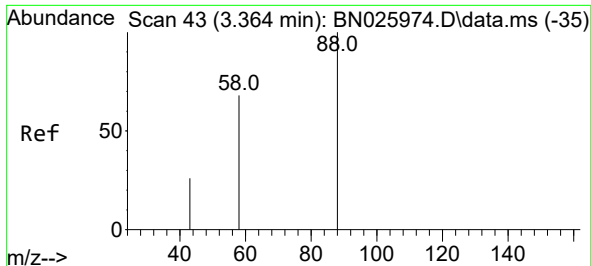
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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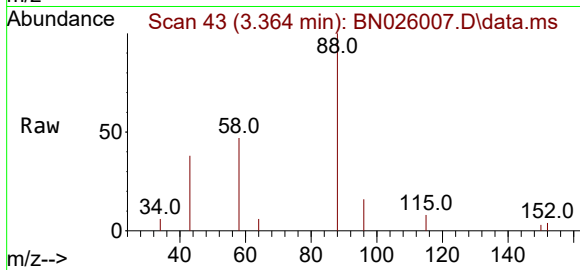
Quant Time: Jun 24 23:50:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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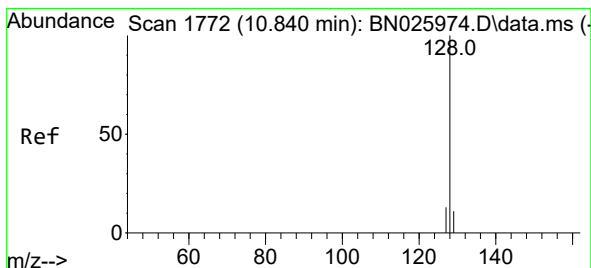
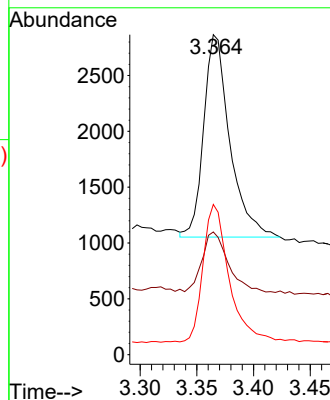
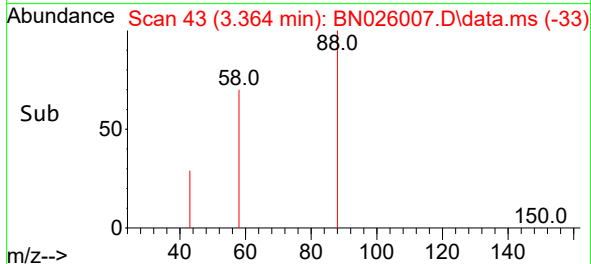


#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.364 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

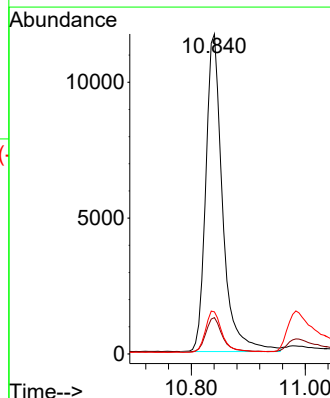
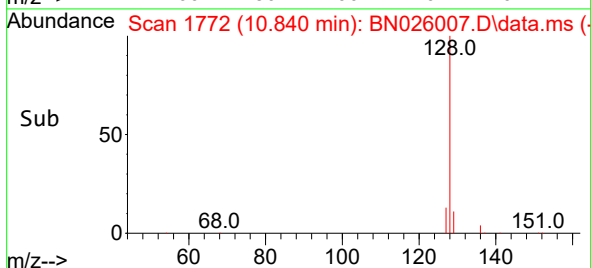
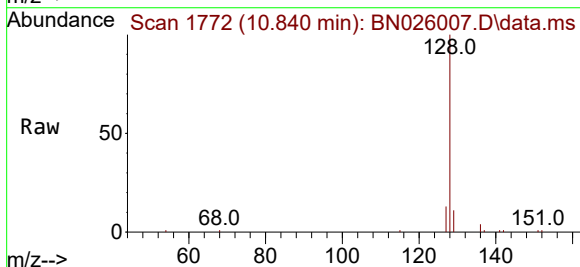


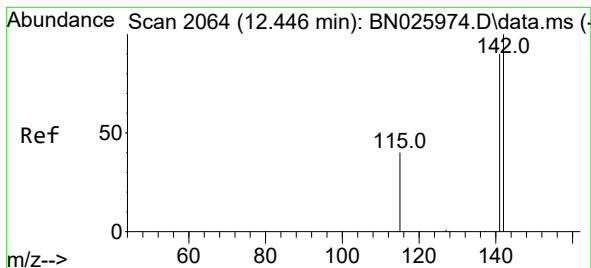
Tgt Ion: 88 Resp: 2904
Ion Ratio Lower Upper
88 100
43 38.3 29.5 44.3
58 47.0 37.4 56.2



#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion: 128 Resp: 23905
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.1 10.7 16.1

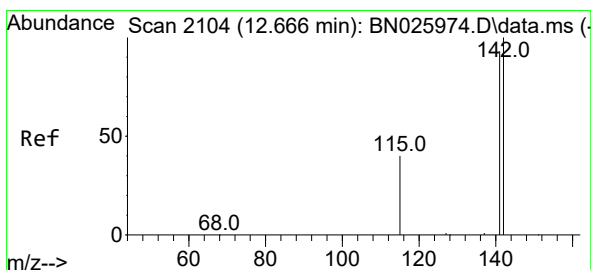
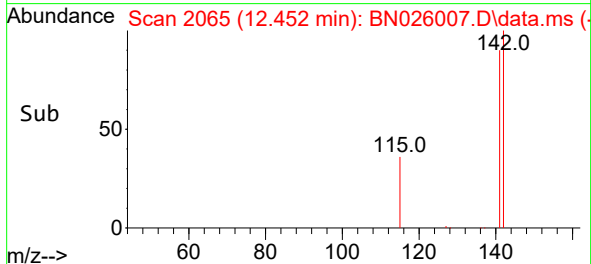
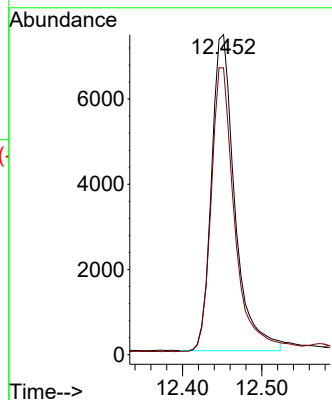
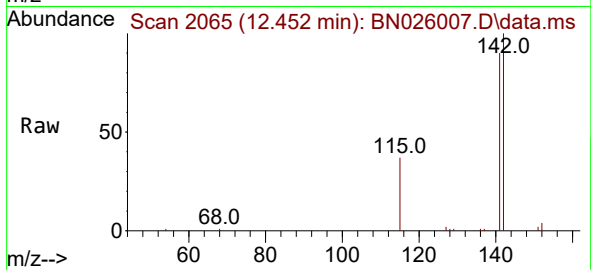




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.452 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

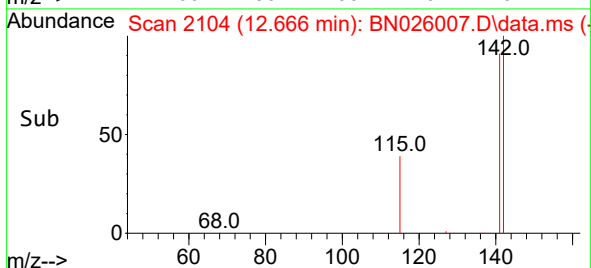
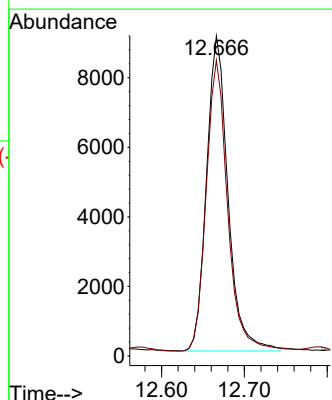
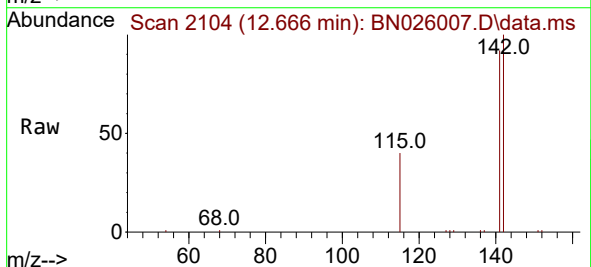
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

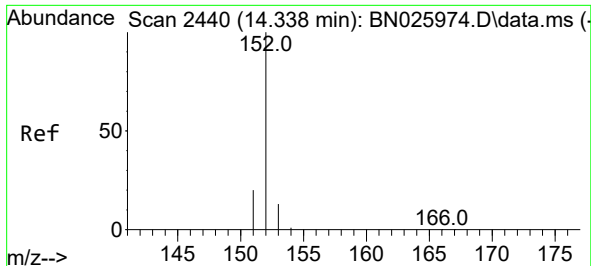
Tgt Ion:142 Resp: 15140
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:142 Resp: 16323
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4

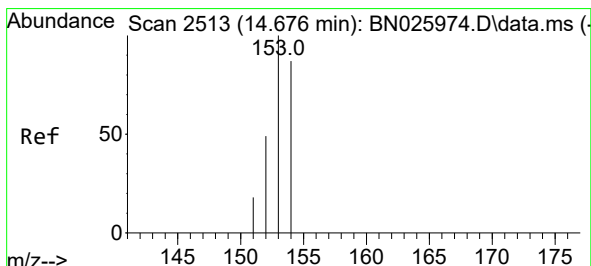
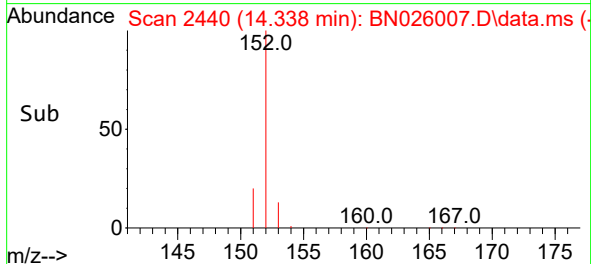
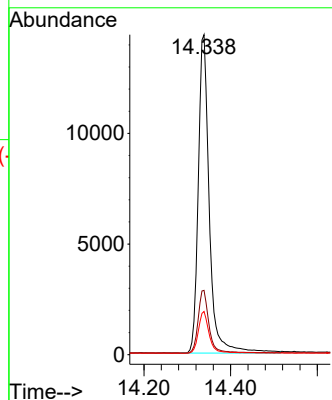
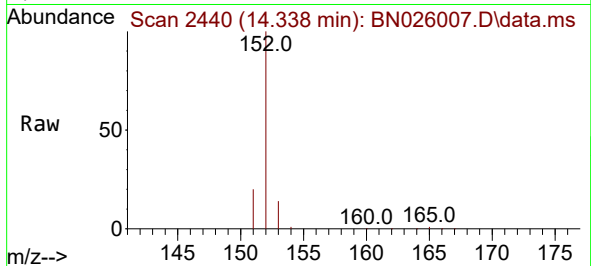




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

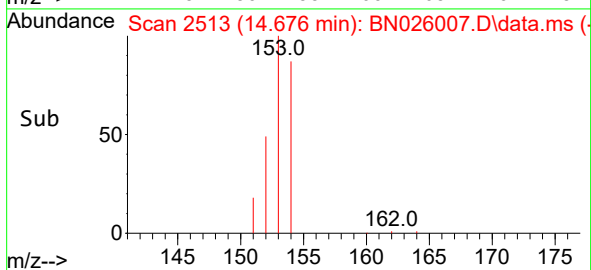
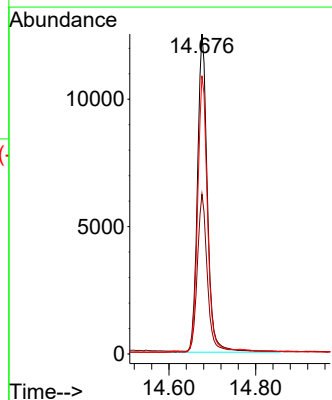
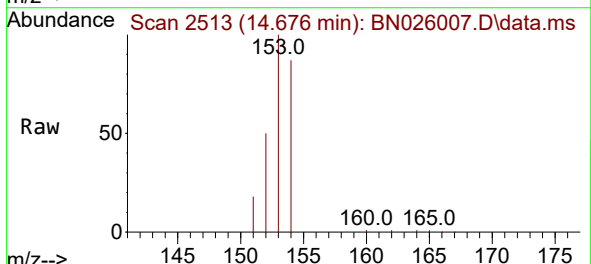
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BNA_N
ClientSampleId :
SSTD0.4312

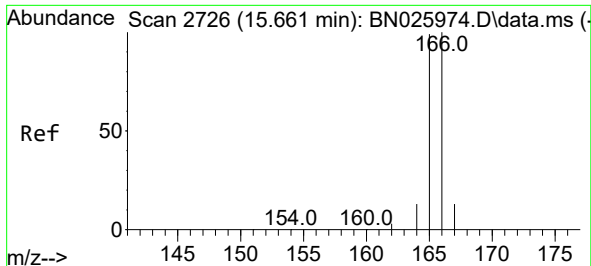
Tgt Ion:152 Resp: 25470
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:153 Resp: 19922
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 86.9 68.9 103.3

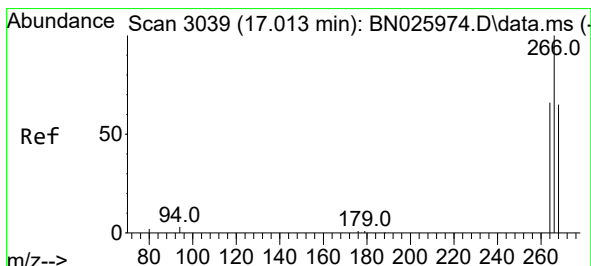
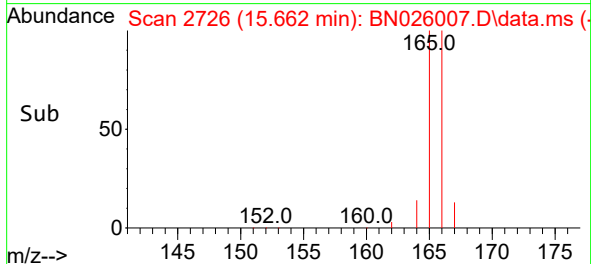
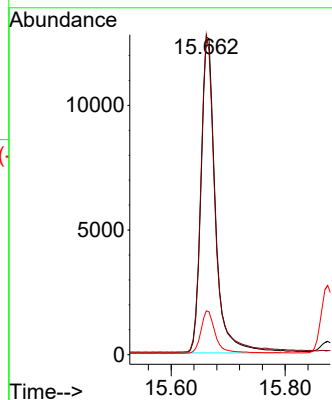
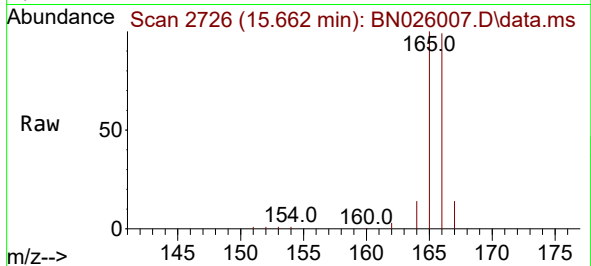




#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

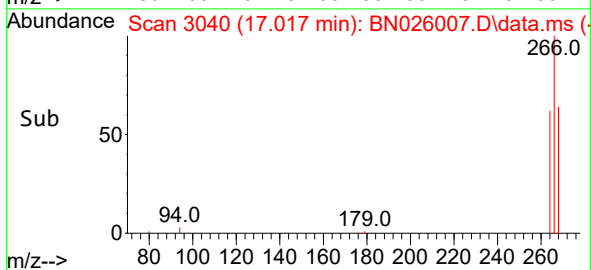
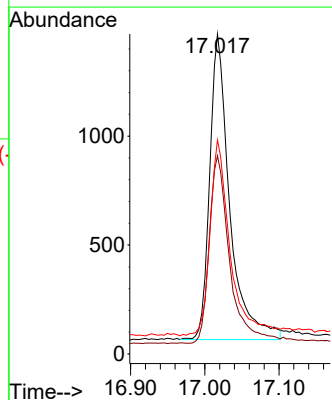
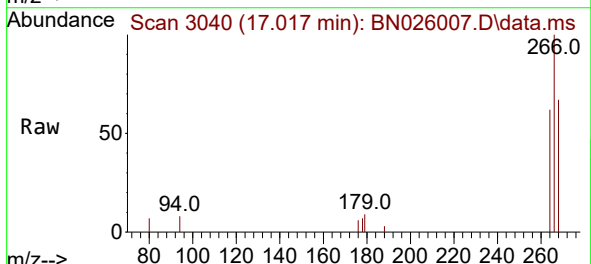
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BNA_N
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SSTD0.4312

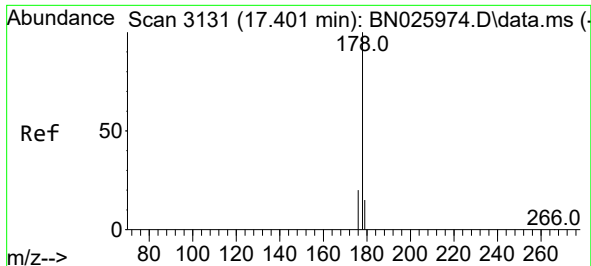
Tgt Ion:166 Resp: 22265
Ion Ratio Lower Upper
166 100
165 100.7 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.265 ng/ul
RT: 17.017 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:266 Resp: 2634
Ion Ratio Lower Upper
266 100
264 62.4 50.5 75.7
268 64.3 51.6 77.4

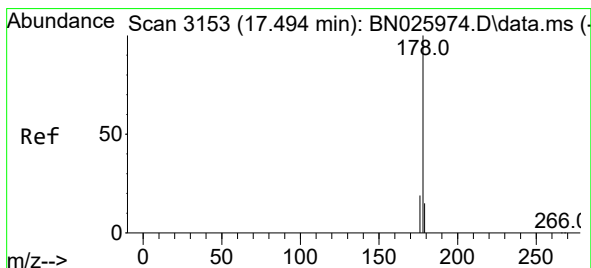
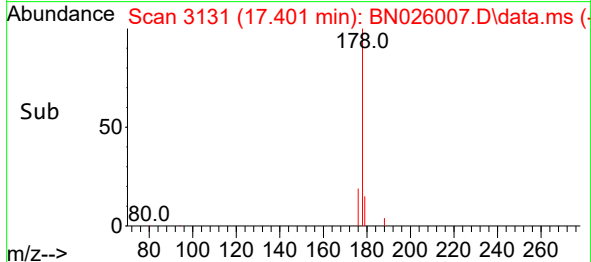
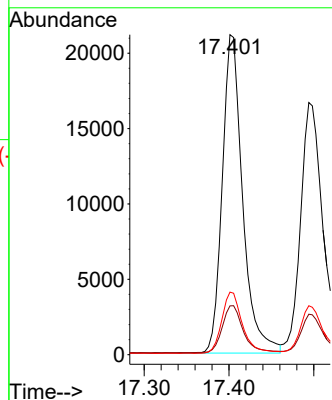
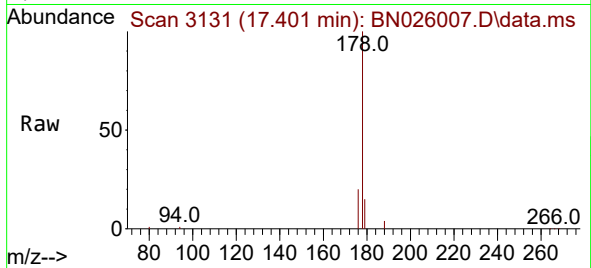




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

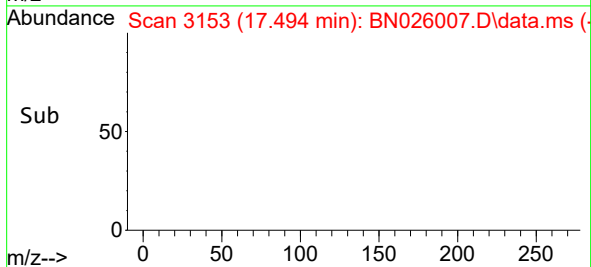
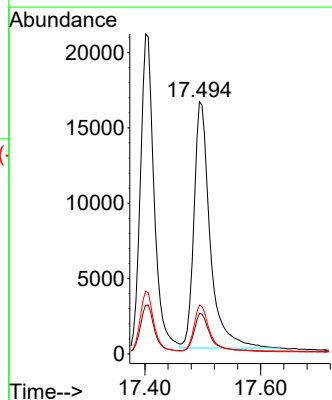
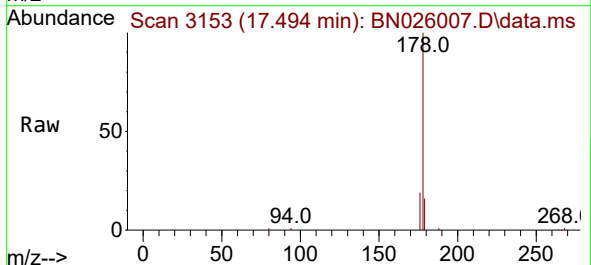
Instrument :
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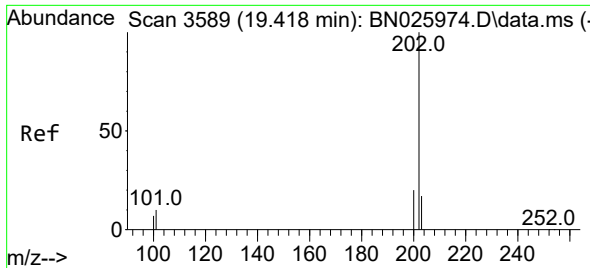
Tgt Ion:178 Resp: 35268
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.494 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:178 Resp: 31655
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.4 15.1 22.7

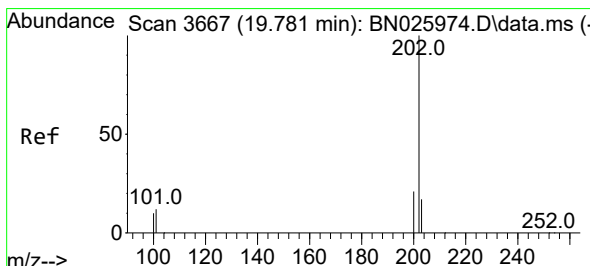
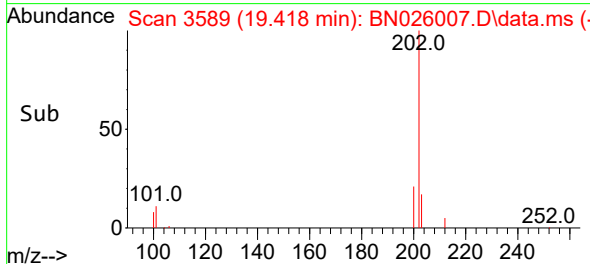
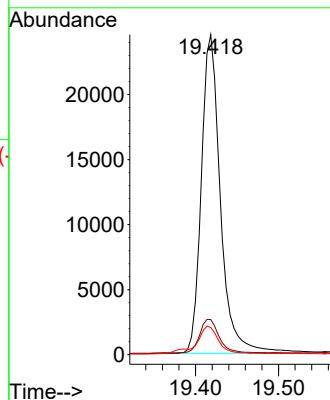
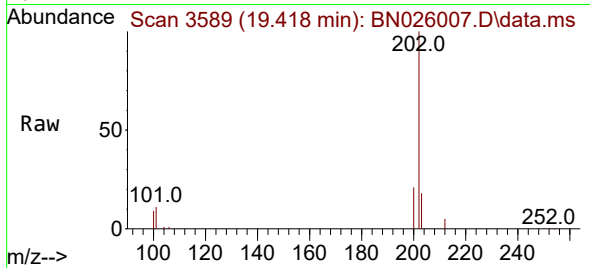




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

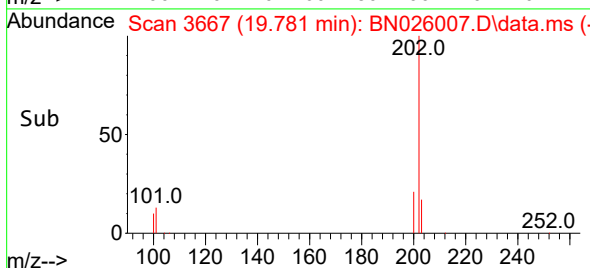
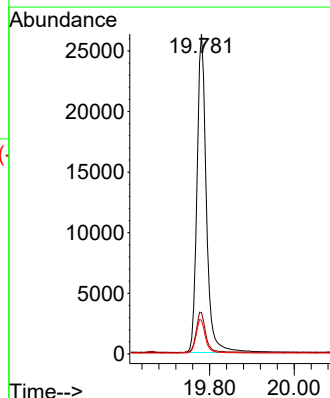
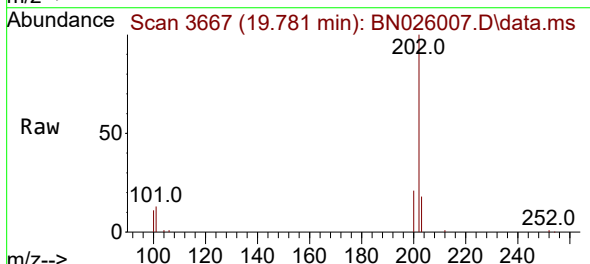
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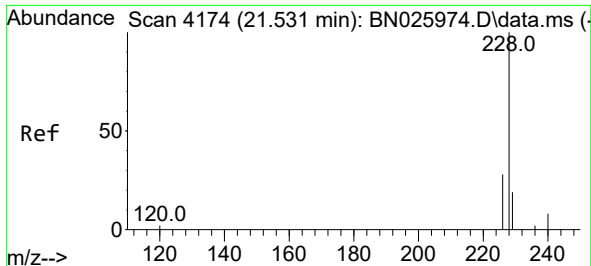
Tgt Ion:202 Resp: 39171
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 0.415 ng/ul
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

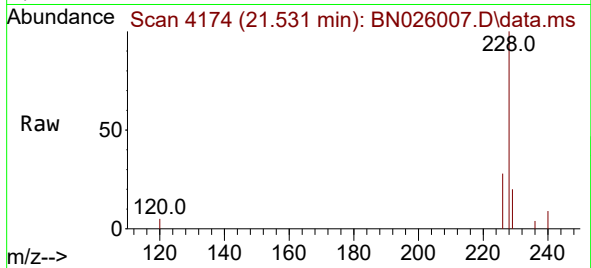
Tgt Ion:202 Resp: 40457
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.6 9.1 13.7



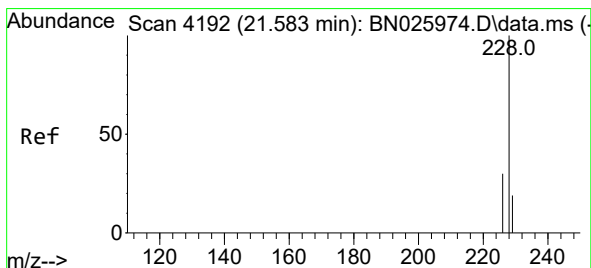
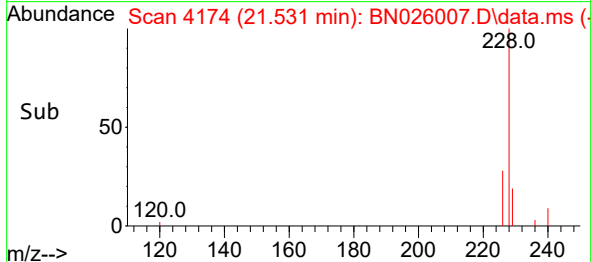
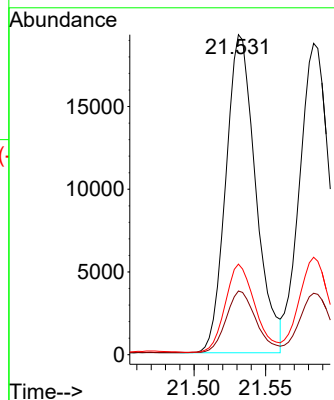


#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. -0.001 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Instrument :
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SSTD0.4312

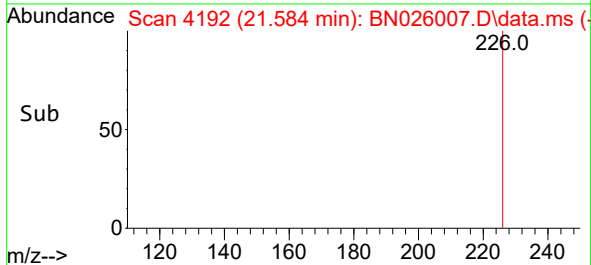
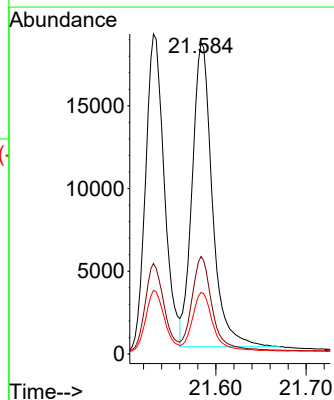
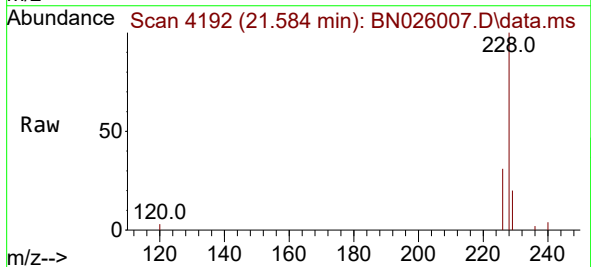


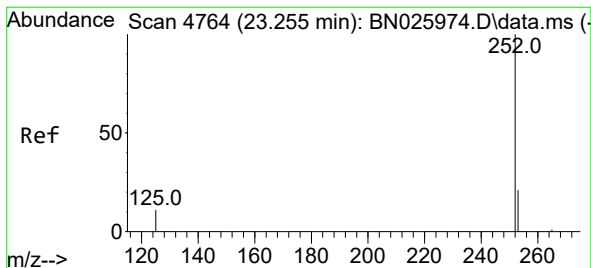
Tgt Ion:228 Resp: 27935
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.001 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:228 Resp: 28488
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 19.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.380 ng/ul

RT: 23.253 min Scan# 4763

Delta R.T. -0.004 min

Lab File: BN026007.D

Acq: 24 Jun 2023 16:12

Instrument :

BNA_N

ClientSampleId :

SSTD0.4312

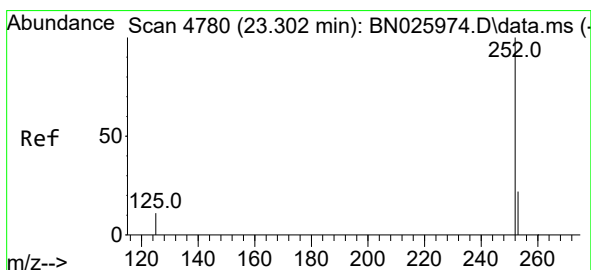
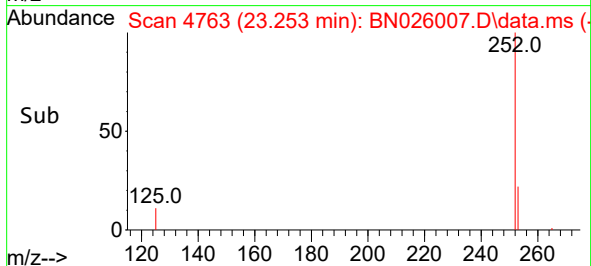
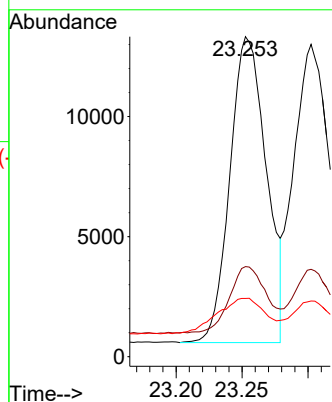
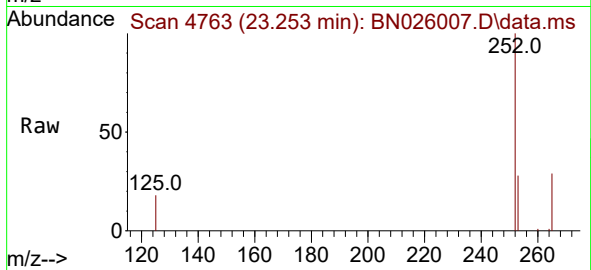
Tgt Ion:252 Resp: 24440

Ion Ratio Lower Upper

252 100

253 28.1 0.0 55.6

125 18.2 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.388 ng/ul

RT: 23.302 min Scan# 4780

Delta R.T. -0.007 min

Lab File: BN026007.D

Acq: 24 Jun 2023 16:12

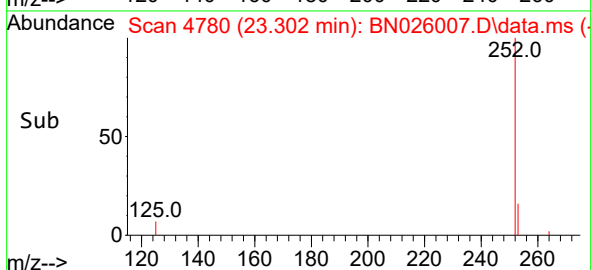
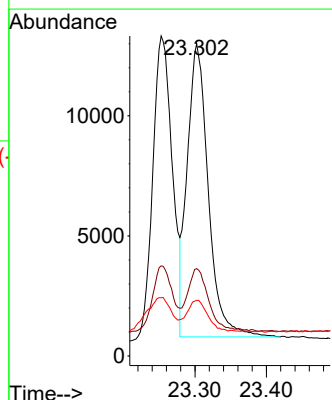
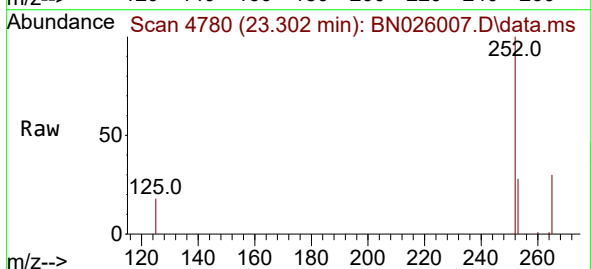
Tgt Ion:252 Resp: 25021

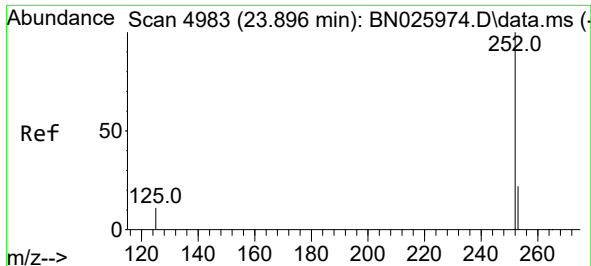
Ion Ratio Lower Upper

252 100

253 27.9 23.2 34.8

125 17.8 15.0 22.4

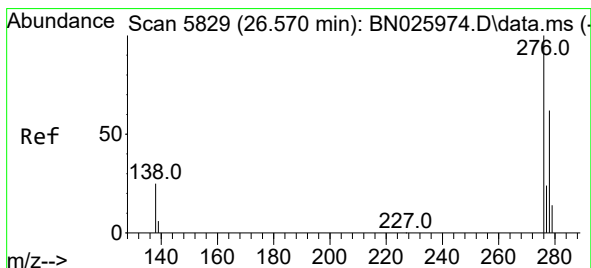
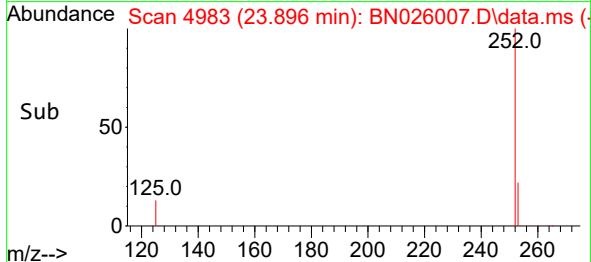
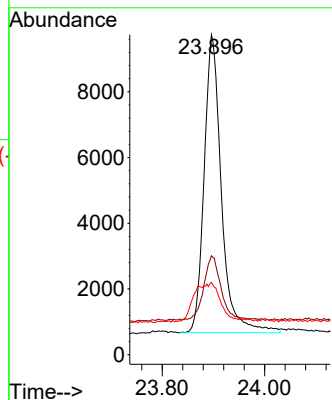
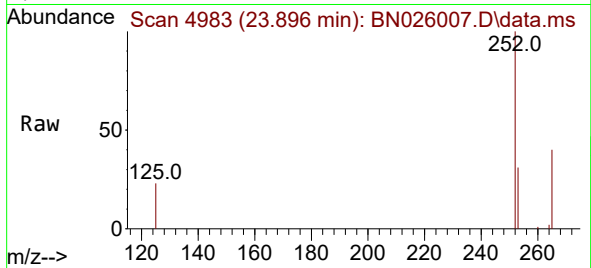




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. -0.013 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

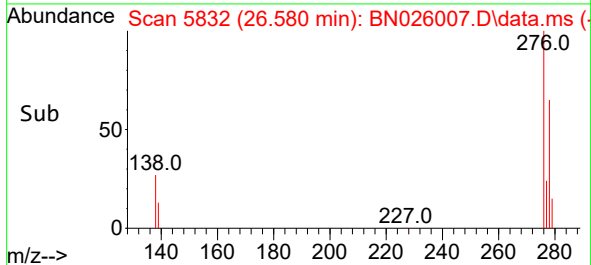
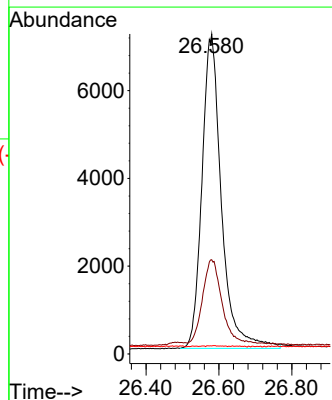
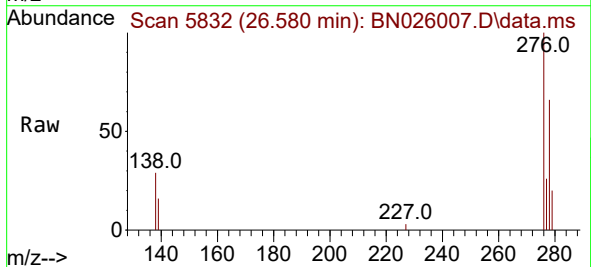
Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

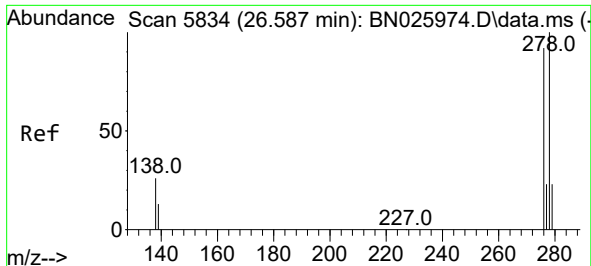
Tgt Ion:252 Resp: 21297
Ion Ratio Lower Upper
252 100
253 30.9 26.0 39.0
125 22.6 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:276 Resp: 26499
Ion Ratio Lower Upper
276 100
138 27.4 24.5 36.7
227 0.2 0.0 0.0#

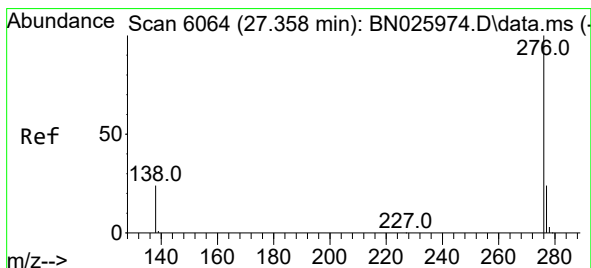
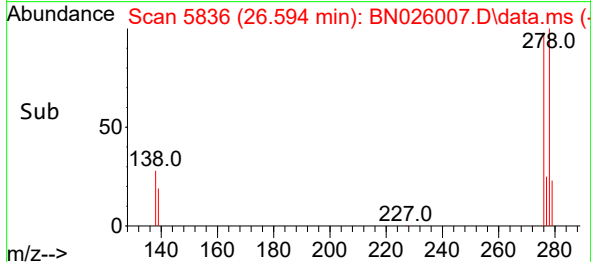
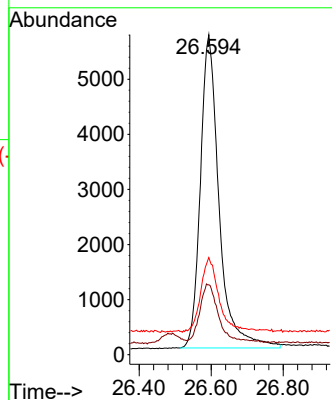
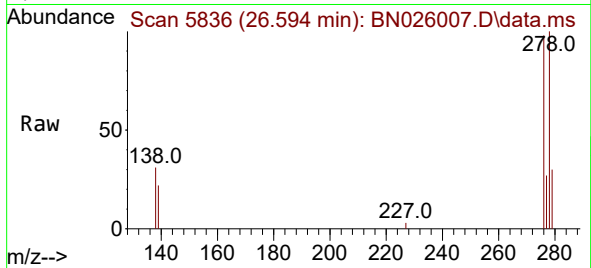




#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.028 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Instrument :
BNA_N
ClientSampleId :
SSTD0.4312

Tgt Ion:278 Resp: 20471
Ion Ratio Lower Upper
278 100
139 21.9 19.0 28.4
279 30.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.418 ng/ul
RT: 27.368 min Scan# 6067
Delta R.T. -0.018 min
Lab File: BN026007.D
Acq: 24 Jun 2023 16:12

Tgt Ion:276 Resp: 22657
Ion Ratio Lower Upper
276 100
138 27.3 23.4 35.0
277 25.8 20.0 30.0

