

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026515.D
 Acq On : 15 Jul 2023 16:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4358

Quant Time: Jul 16 00:54:59 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 : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

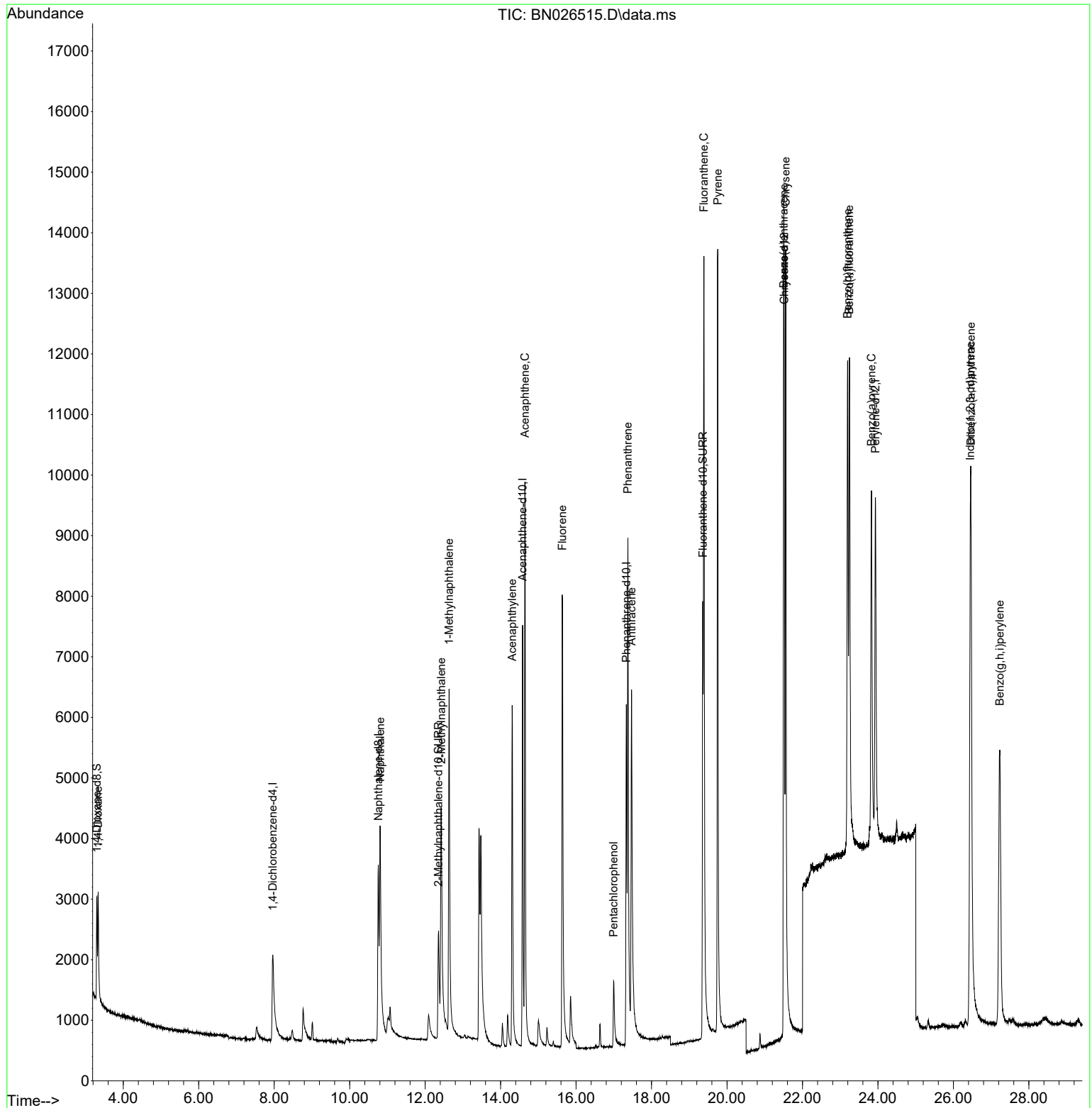
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	1997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	6905	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	4512	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	9155	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	8589	0.400	ng/ul	# 0.00
23) Perylene-d12	23.934	264	8895	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1328	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	3937	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	11011	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	1289	0.518	ng/ul	94
5) Naphthalene	10.809	128	7314	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	4314	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	4976	0.432	ng/ul	99
10) Acenaphthylene	14.306	152	8423	0.381	ng/ul	100
11) Acenaphthene	14.644	153	6426	0.382	ng/ul	99
12) Fluorene	15.634	166	7070	0.400	ng/ul	99
14) Pentachlorophenol	16.996	266	1176	0.509	ng/ul	96
15) Phenanthrene	17.372	178	10941	0.375	ng/ul	99
16) Anthracene	17.469	178	10032	0.396	ng/ul	98
19) Fluoranthene	19.386	202	13940	0.346	ng/ul#	96
20) Pyrene	19.754	202	15075	0.345	ng/ul#	95
21) Benzo(a)anthracene	21.502	228	12243	0.388	ng/ul	99
22) Chrysene	21.555	228	13162	0.366	ng/ul	99
24) Benzo(b)fluoranthene	23.195	252	12687	0.366	ng/ul	91
25) Benzo(k)fluoranthene	23.242	252	13755	0.379	ng/ul#	91
26) Benzo(a)pyrene	23.829	252	11707	0.380	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.447	276	14980	0.370	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.463	278	11959	0.385	ng/ul#	86
29) Benzo(g,h,i)perylene	27.228	276	12754	0.357	ng/ul#	89

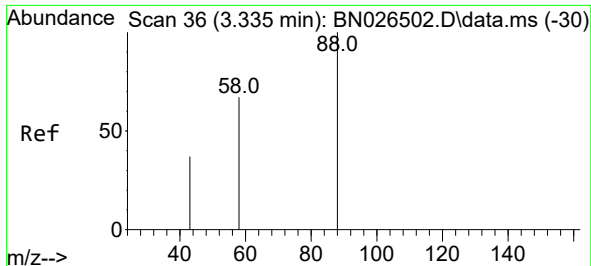
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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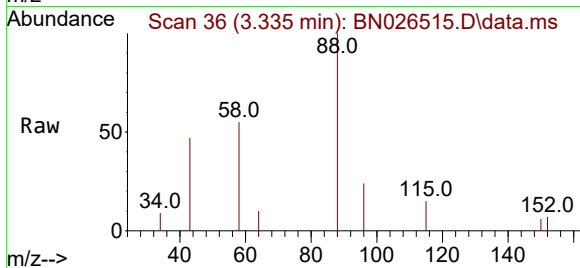
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





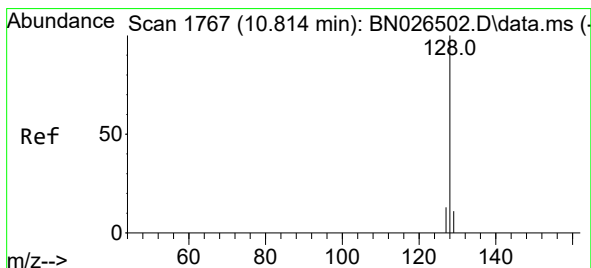
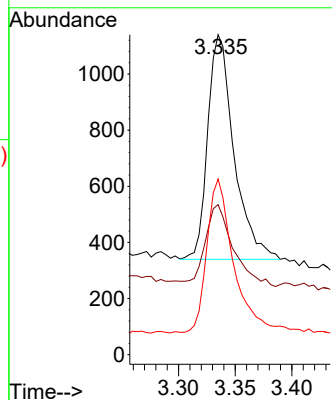
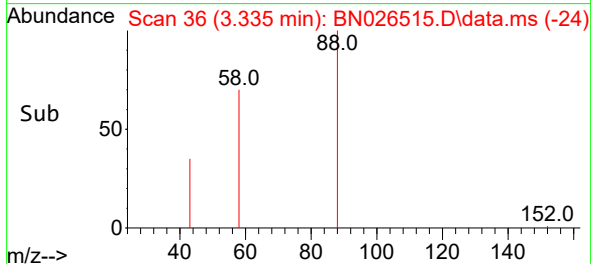
#2
1,4-Dioxane
Concen: 0.518 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4358



Tgt Ion: 88 Resp: 1289

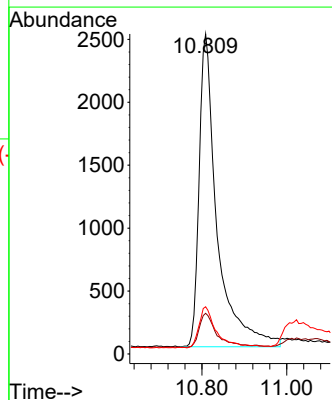
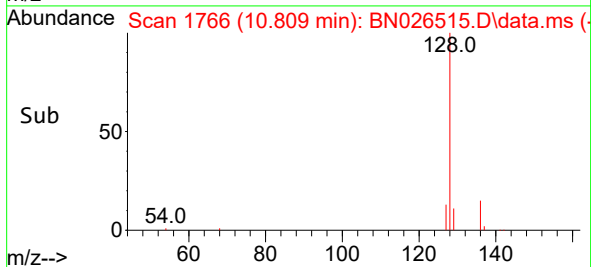
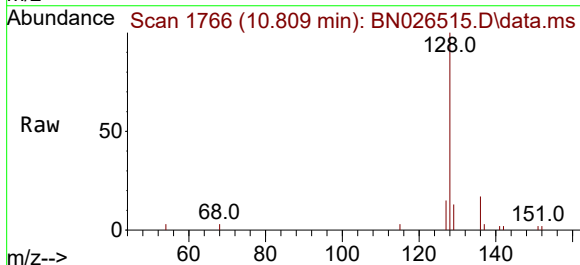
Ion	Ratio	Lower	Upper
88	100		
43	46.9	33.0	49.6
58	54.9	41.7	62.5

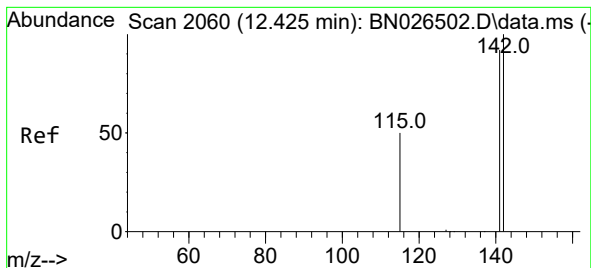


#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion: 128 Resp: 7314

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.2	15.2
127	14.7	11.4	17.0

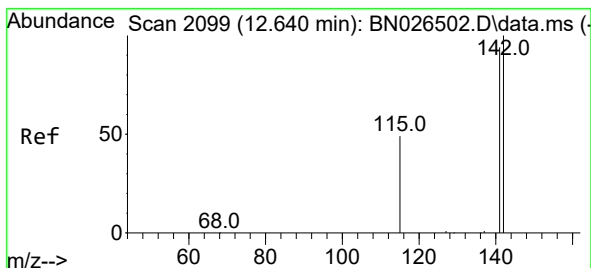
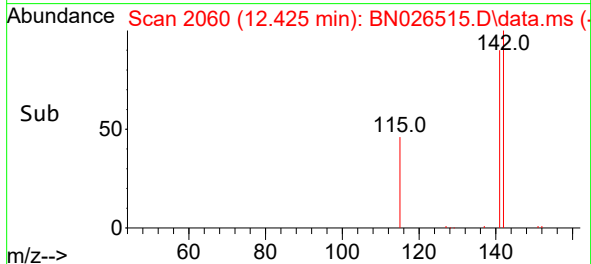
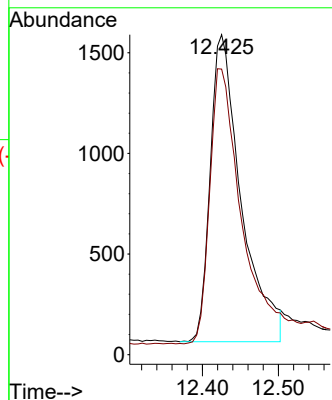
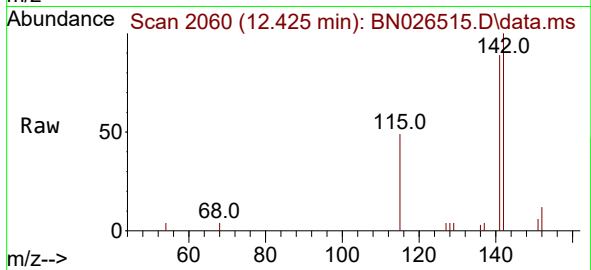




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

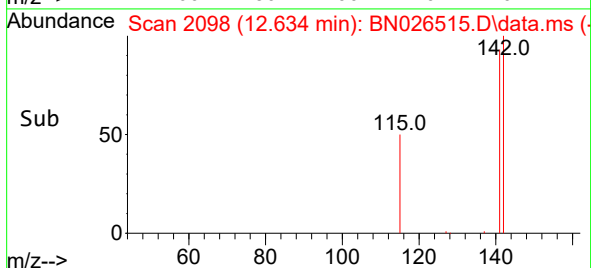
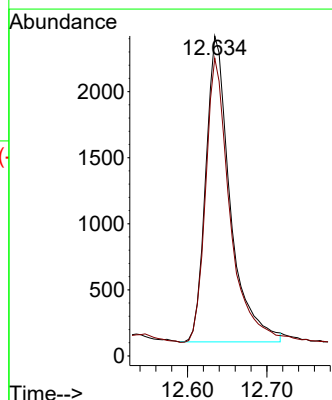
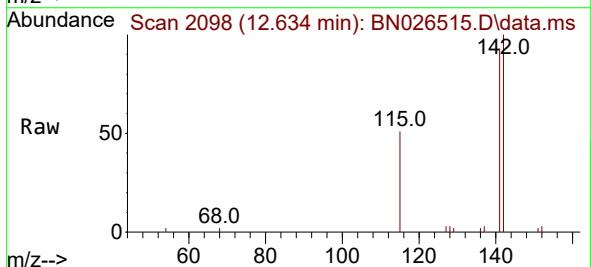
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

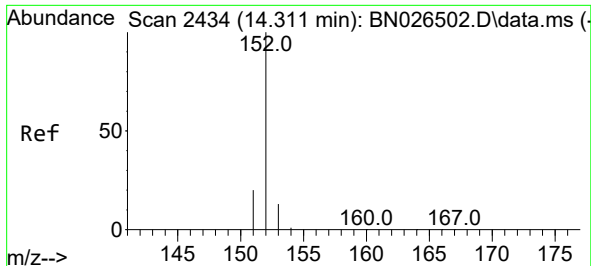
Tgt Ion:142 Resp: 4314
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:142 Resp: 4976
Ion Ratio Lower Upper
142 100
141 92.0 74.5 111.7

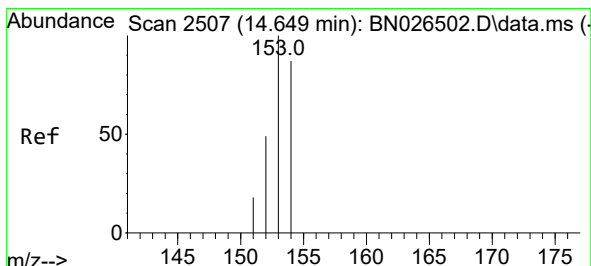
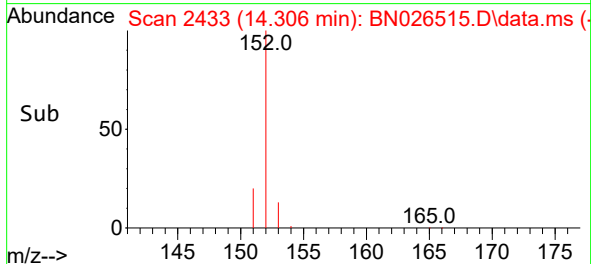
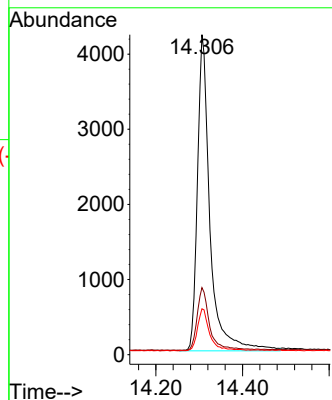
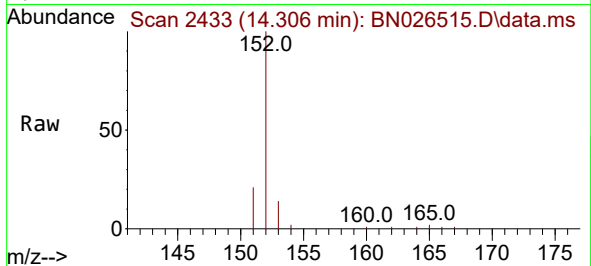




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

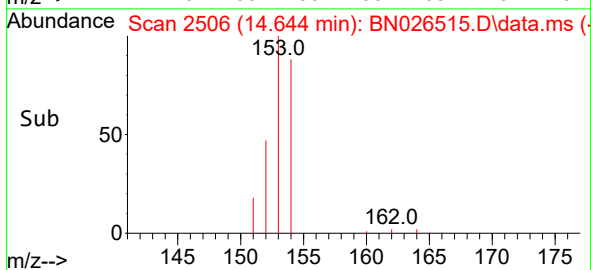
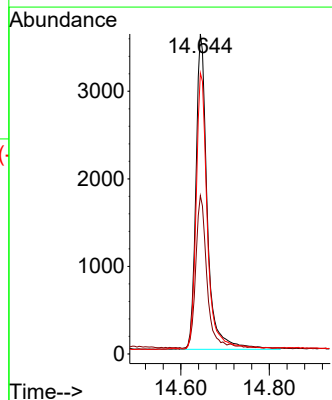
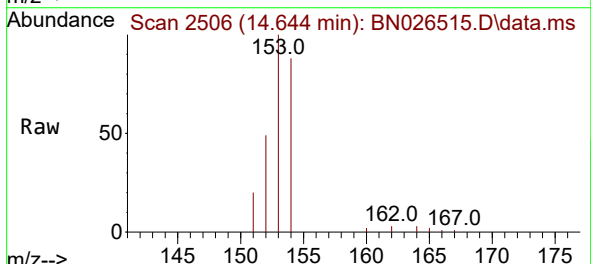
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

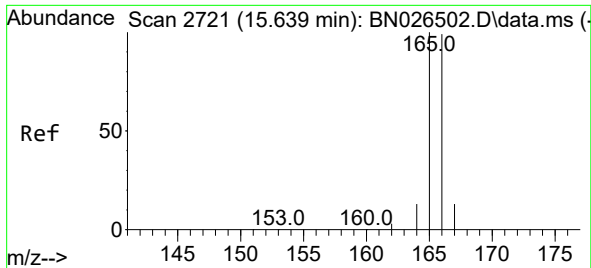
Tgt Ion:152 Resp: 8423
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6
153 14.4 11.4 17.2



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:153 Resp: 6426
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 87.8 69.3 103.9

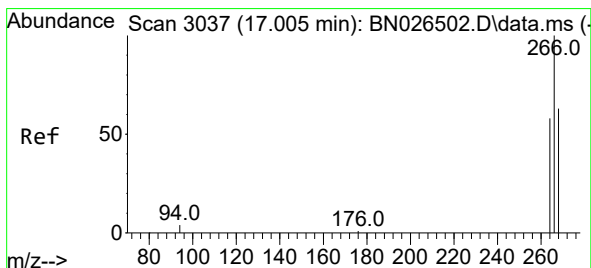
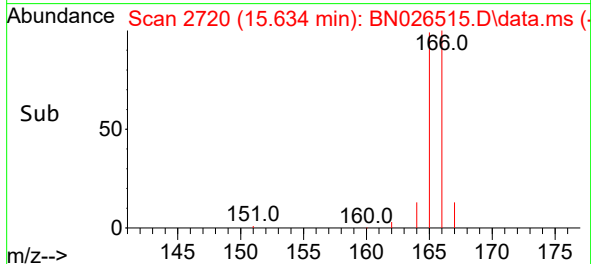
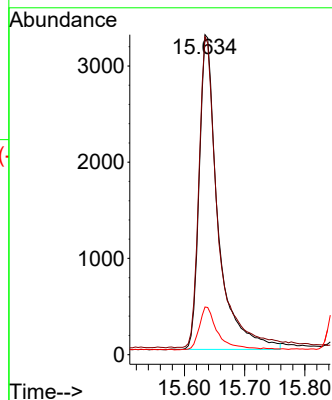
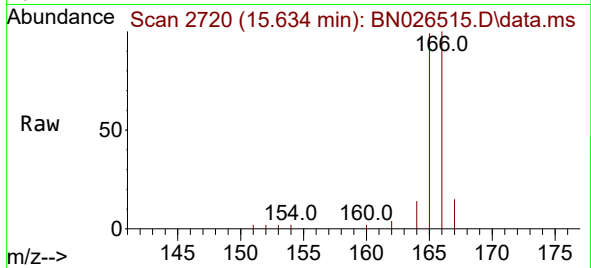




#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

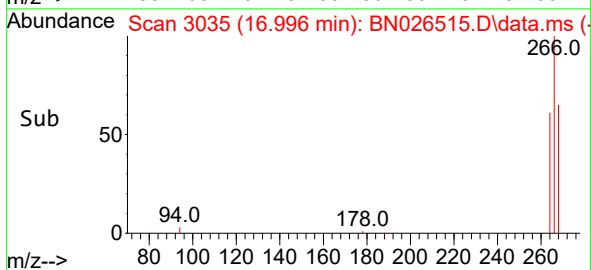
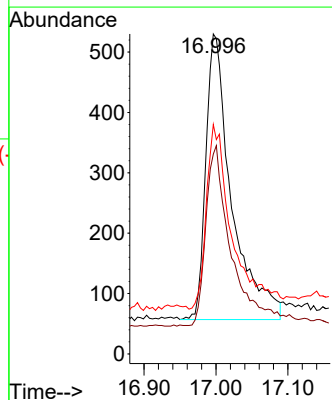
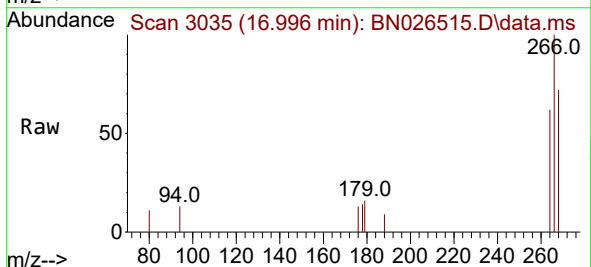
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

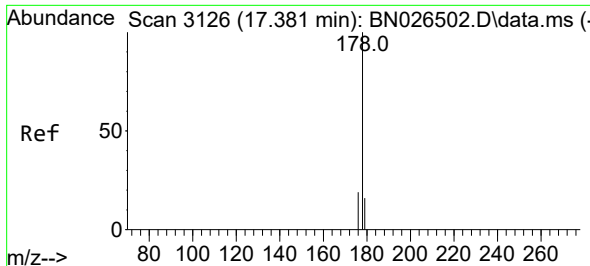
Tgt Ion:166 Resp: 7070
Ion Ratio Lower Upper
166 100
165 99.4 80.6 120.8
167 14.9 12.0 18.0



#14
Pentachlorophenol
Concen: 0.509 ng/ul
RT: 16.996 min Scan# 3035
Delta R.T. -0.009 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:266 Resp: 1176
Ion Ratio Lower Upper
266 100
264 61.1 52.0 78.0
268 64.3 53.0 79.6

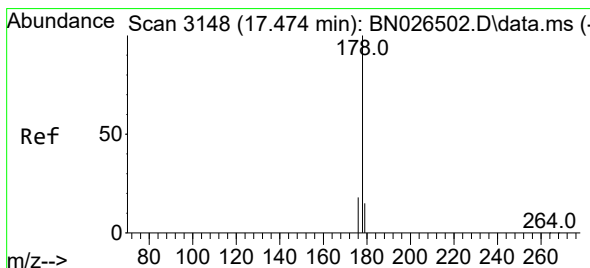
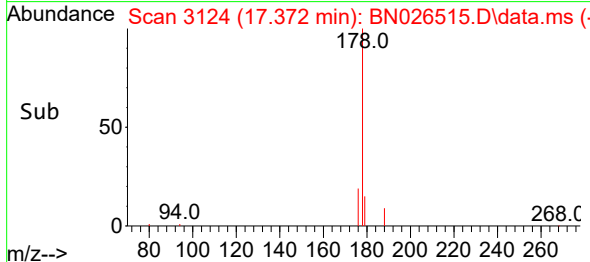
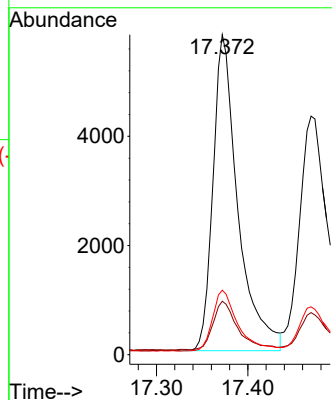
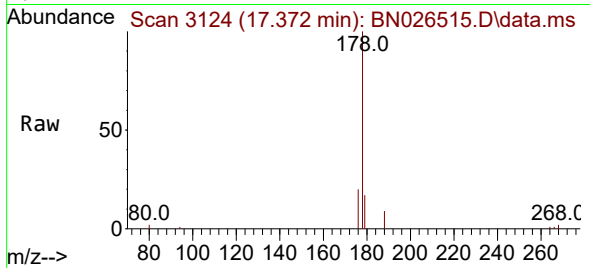




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.372 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

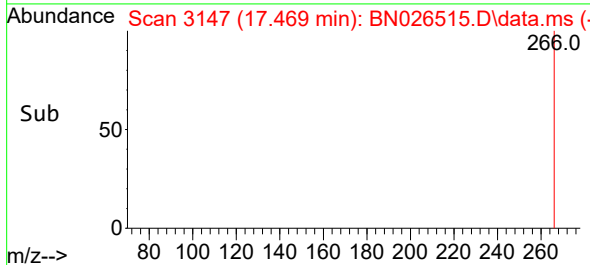
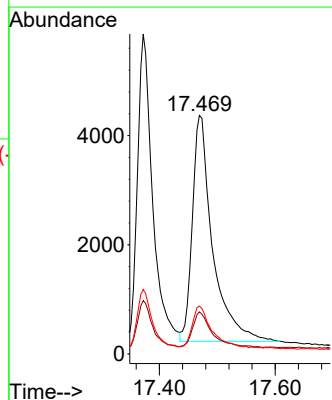
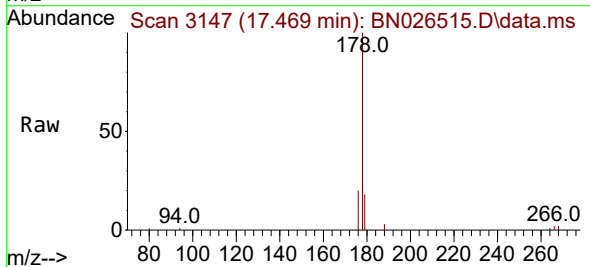
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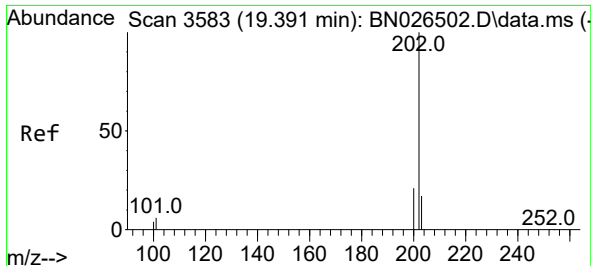
Tgt Ion:178 Resp: 10941
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.2 16.5 24.7



#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:178 Resp: 10032
Ion Ratio Lower Upper
178 100
179 17.7 14.8 22.2
176 20.1 16.6 25.0

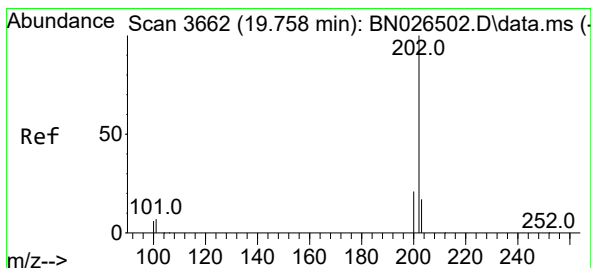
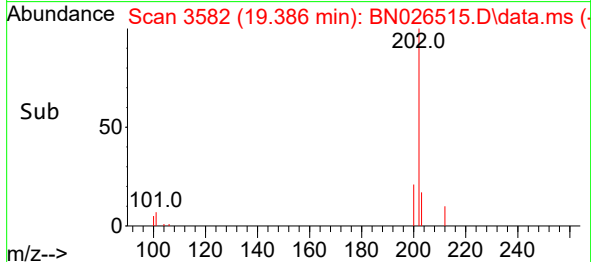
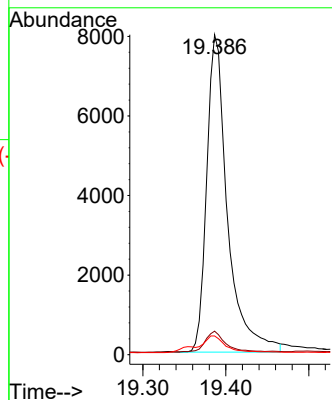
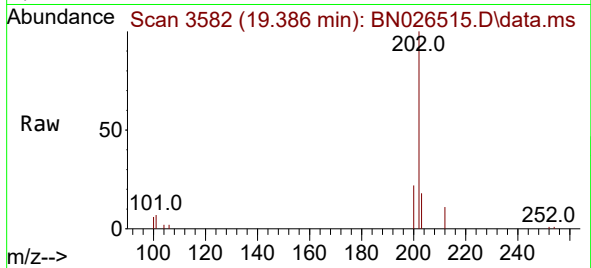




#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

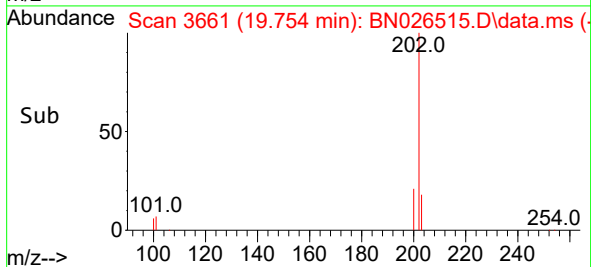
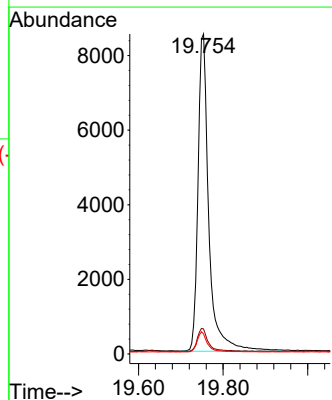
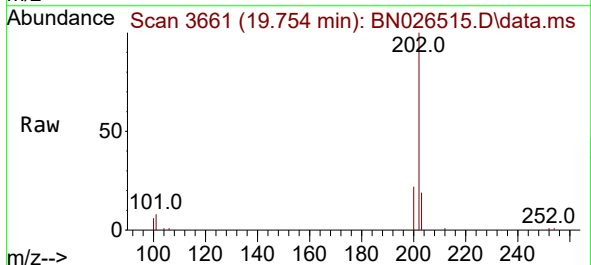
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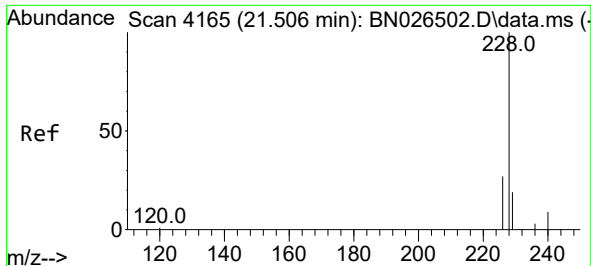
Tgt Ion:202 Resp: 13940
Ion Ratio Lower Upper
202 100
101 7.3 7.0 10.4
100 5.9 6.0 9.0#



#20
Pyrene
Concen: 0.345 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:202 Resp: 15075
Ion Ratio Lower Upper
202 100
101 7.8 8.0 12.0#
100 6.3 6.2 9.2

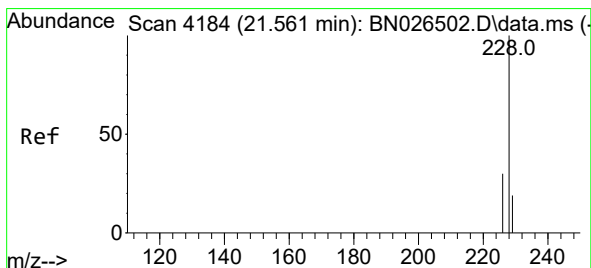
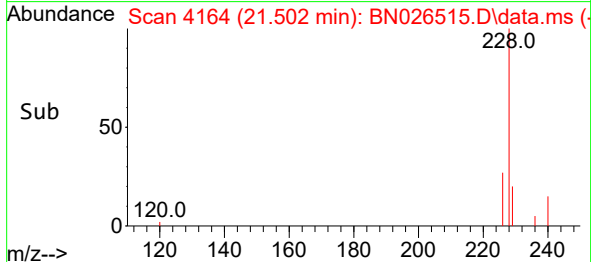
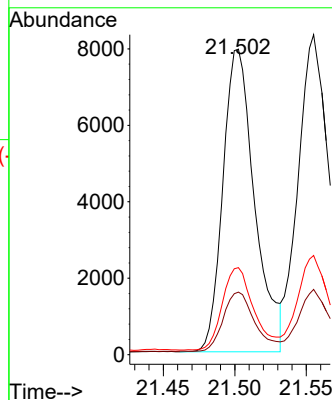
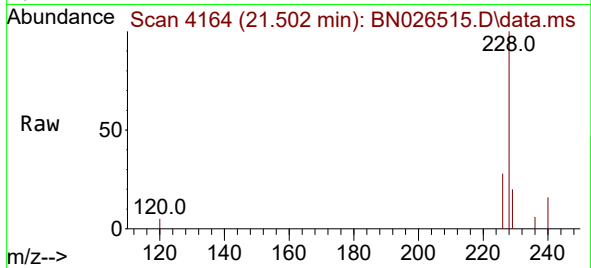




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.502 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

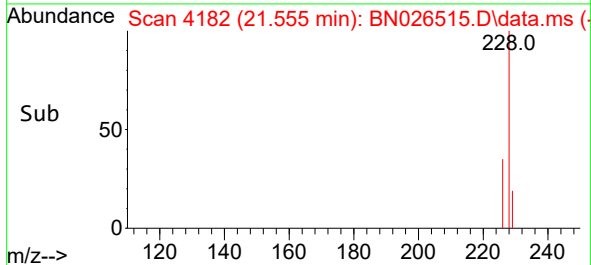
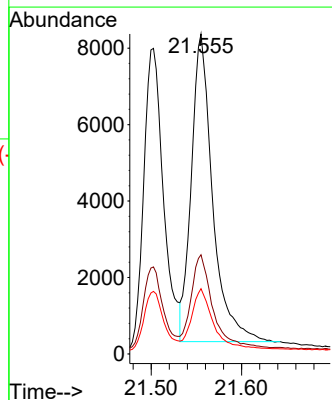
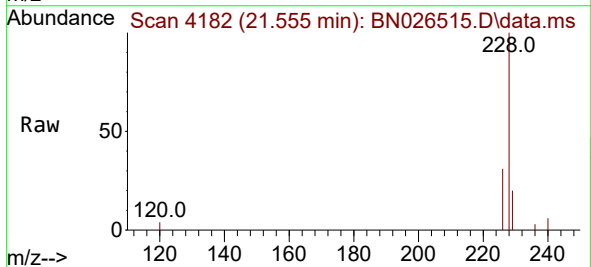
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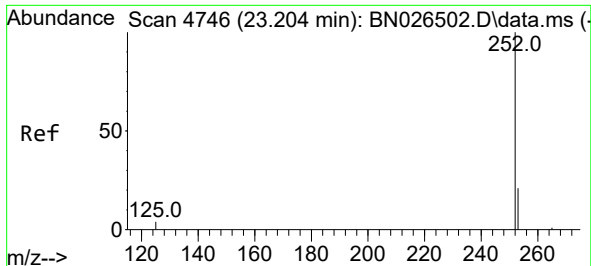
Tgt Ion:228 Resp: 12243
Ion Ratio Lower Upper
228 100
229 20.5 16.7 25.1
226 28.5 23.5 35.3



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.555 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

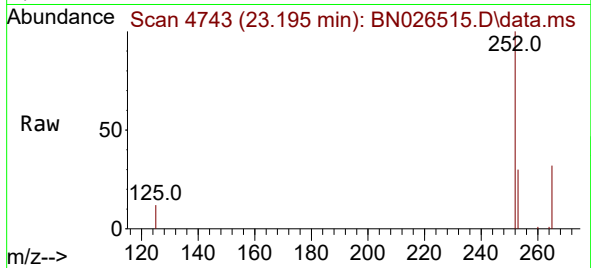
Tgt Ion:228 Resp: 13162
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 20.4 16.4 24.6



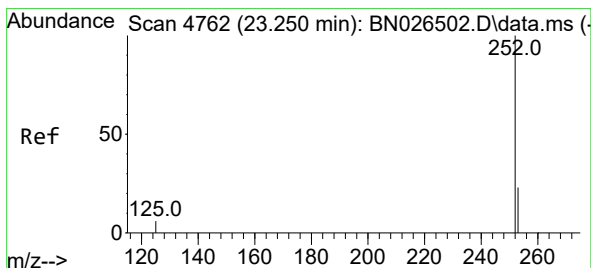
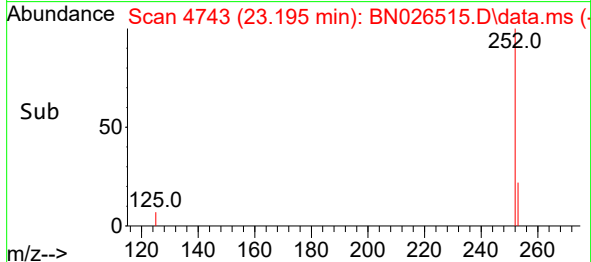
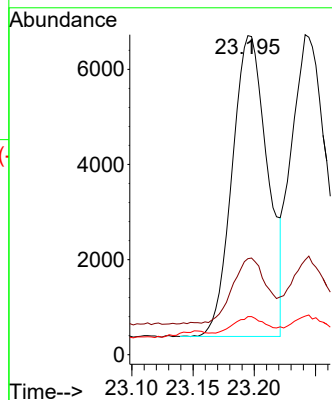


#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.009 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

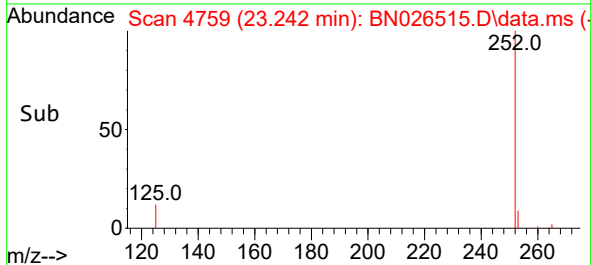
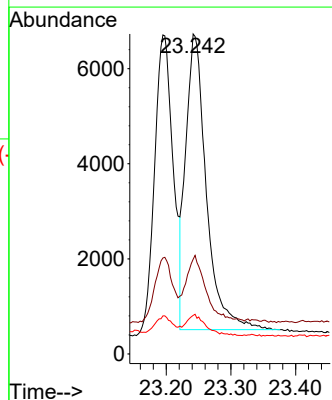
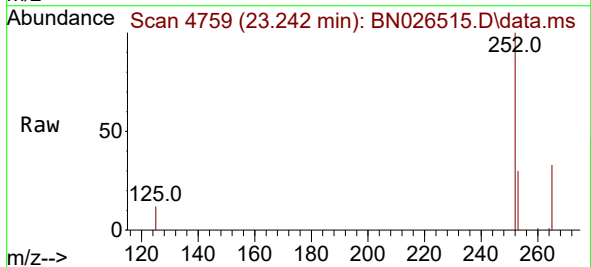


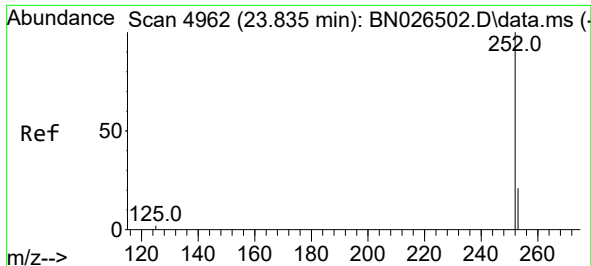
Tgt Ion:252 Resp: 12687
Ion Ratio Lower Upper
252 100
253 30.1 0.0 68.6
125 11.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.242 min Scan# 4759
Delta R.T. -0.009 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:252 Resp: 13755
Ion Ratio Lower Upper
252 100
253 29.6 27.2 40.8
125 12.1 13.4 20.2#

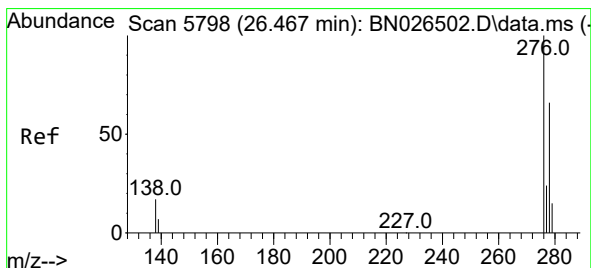
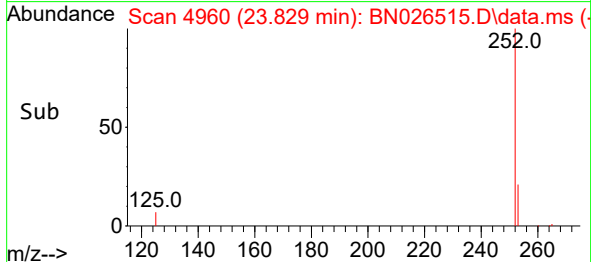
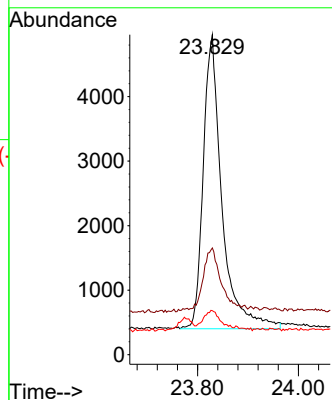
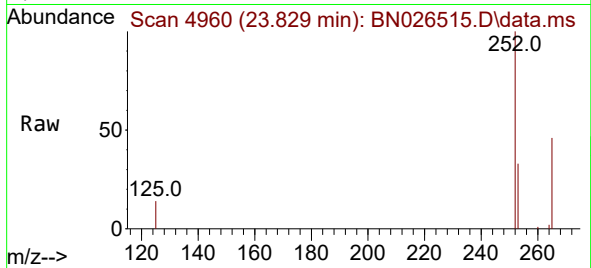




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.829 min Scan# 4962
Delta R.T. -0.006 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

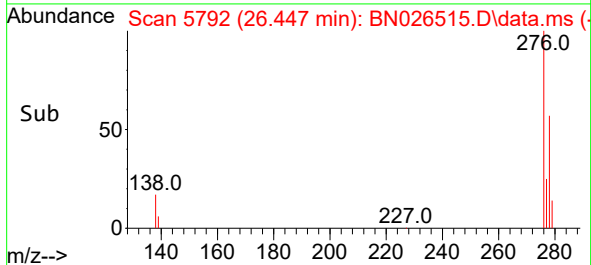
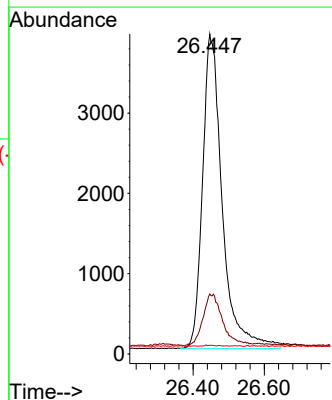
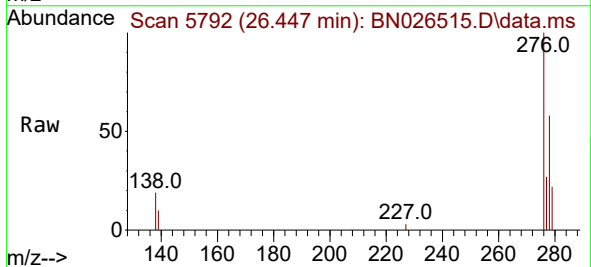
Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

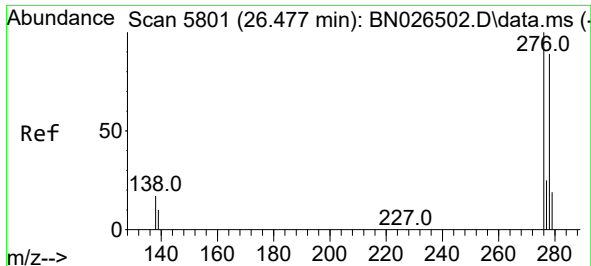
Tgt Ion:252 Resp: 11707
Ion Ratio Lower Upper
252 100
253 33.3 32.6 49.0
125 13.7 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.447 min Scan# 5792
Delta R.T. -0.020 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:276 Resp: 14980
Ion Ratio Lower Upper
276 100
138 16.9 22.2 33.4#
227 0.1 0.1 0.1#

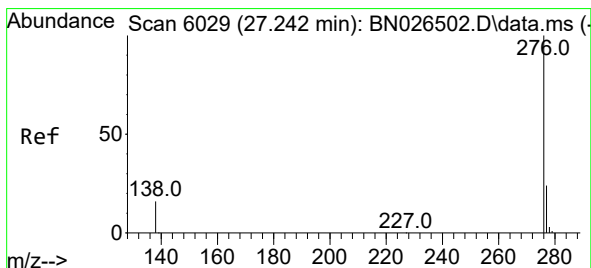
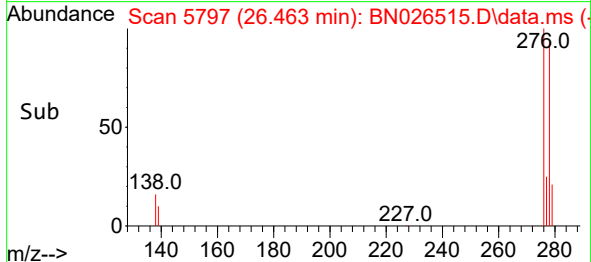
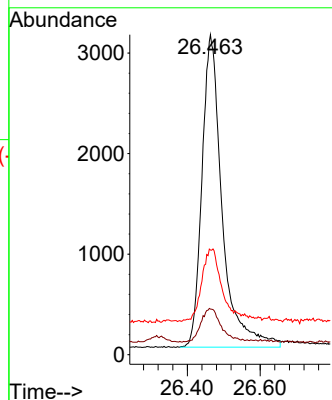
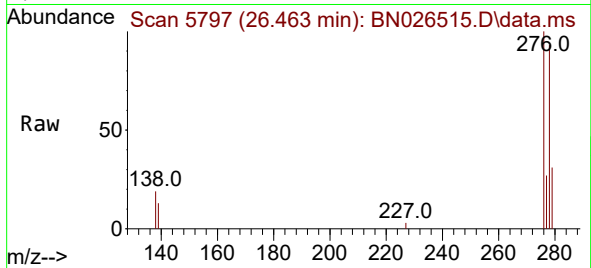




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 26.463 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4358

Tgt Ion:278 Resp: 11959
Ion Ratio Lower Upper
278 100
139 14.3 18.9 28.3#
279 32.7 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.228 min Scan# 6025
Delta R.T. -0.014 min
Lab File: BN026515.D
Acq: 15 Jul 2023 16:53

Tgt Ion:276 Resp: 12754
Ion Ratio Lower Upper
276 100
138 17.6 22.6 34.0#
277 26.8 21.8 32.8

