

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026901.D
 Acq On : 15 Aug 2023 15:03
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4386

Quant Time: Aug 16 00:53:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

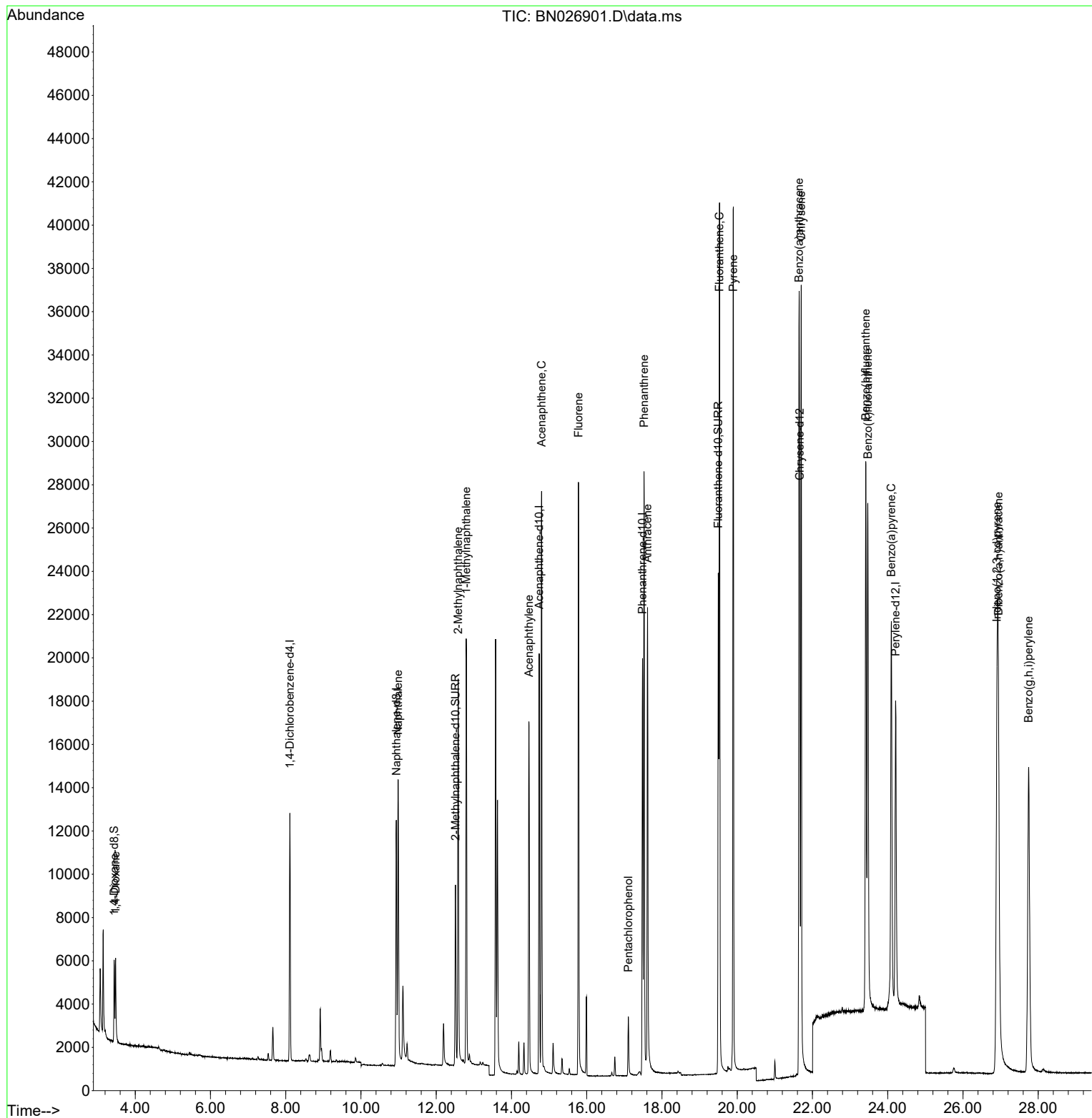
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	5819	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	17365	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	10741	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	24006	0.400	ng/ul	0.00
17) Chrysene-d12	21.662	240	21312	0.400	ng/ul	0.00
23) Perylene-d12	24.211	264	22462	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	2743	0.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	11223	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	27071	0.402	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	2741	0.389	ng/ul	97
5) Naphthalene	10.988	128	19103	0.389	ng/ul	99
7) 2-Methylnaphthalene	12.583	142	13059	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.797	142	13851	0.445	ng/ul	100
10) Acenaphthylene	14.462	152	19999	0.332	ng/ul	99
11) Acenaphthene	14.800	153	15906	0.382	ng/ul	99
12) Fluorene	15.781	166	18043	0.383	ng/ul	99
14) Pentachlorophenol	17.105	266	1992	0.293	ng/ul	99
15) Phenanthrene	17.523	178	30180	0.383	ng/ul	100
16) Anthracene	17.616	178	25405	0.356	ng/ul	100
19) Fluoranthene	19.529	202	35224	0.398	ng/ul	98
20) Pyrene	19.896	202	36294	0.384	ng/ul	97
21) Benzo(a)anthracene	21.641	228	31675	0.374	ng/ul	100
22) Chrysene	21.700	228	33501	0.400	ng/ul	99
24) Benzo(b)fluoranthene	23.419	252	36590	0.431	ng/ul	99
25) Benzo(k)fluoranthene	23.471	252	36218	0.432	ng/ul	98
26) Benzo(a)pyrene	24.097	252	32108	0.419	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.904	276	41935	0.418	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.941	278	32571	0.407	ng/ul	100
29) Benzo(g,h,i)perylene	27.746	276	35415	0.424	ng/ul	100

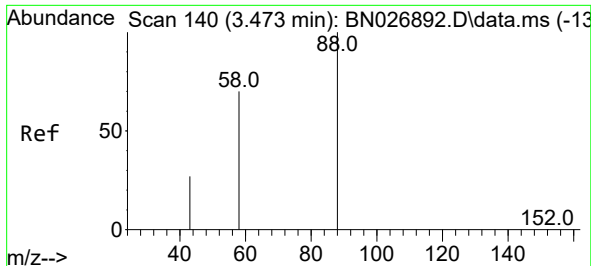
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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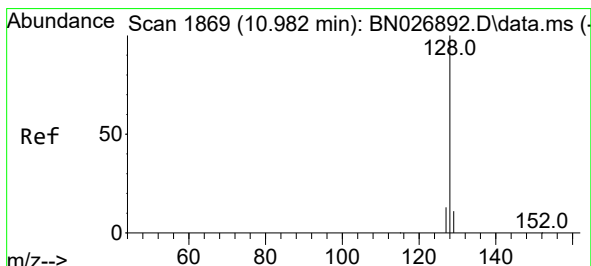
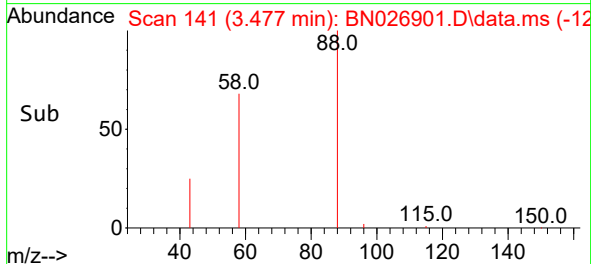
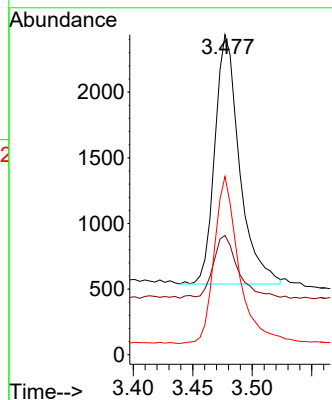
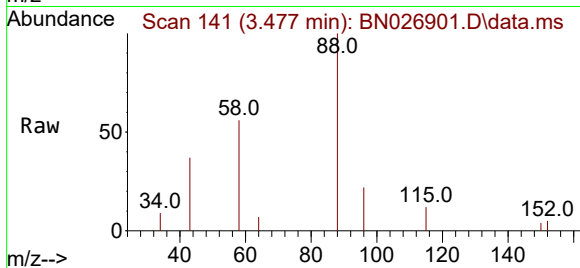




#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.477 min Scan# 140
Delta R.T. 0.004 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

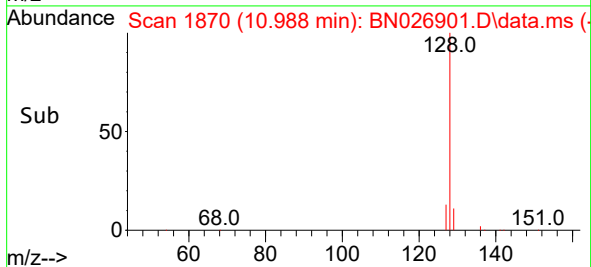
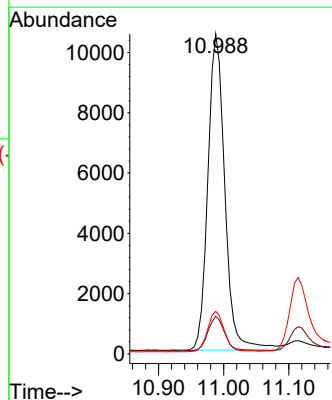
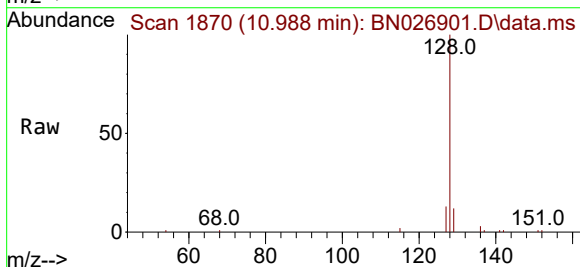
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

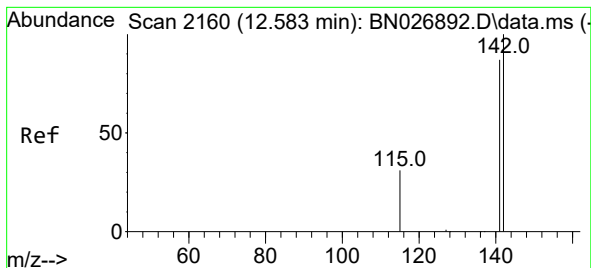
Tgt Ion: 88 Resp: 2741
Ion Ratio Lower Upper
88 100
43 37.2 28.0 42.0
58 55.7 46.0 69.0



#5
Naphthalene
Concen: 0.389 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion: 128 Resp: 19103
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.3 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.439 ng/ul

RT: 12.583 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BN026901.D

Acq: 15 Aug 2023 15:03

Instrument :

BNA_N

ClientSampleId :

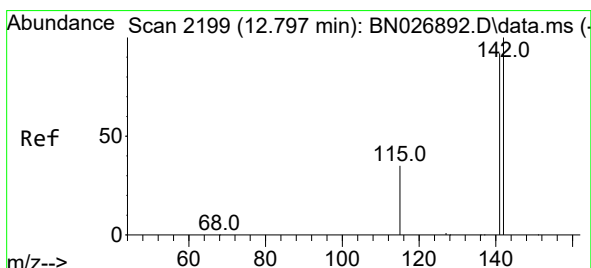
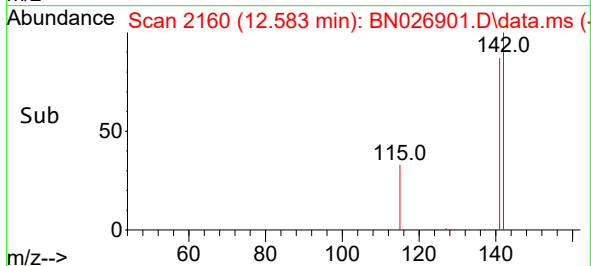
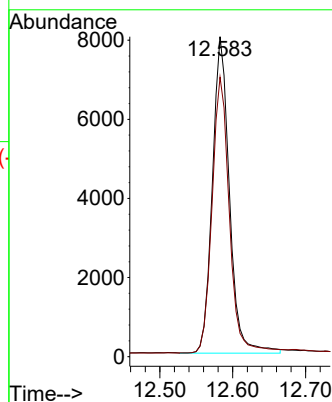
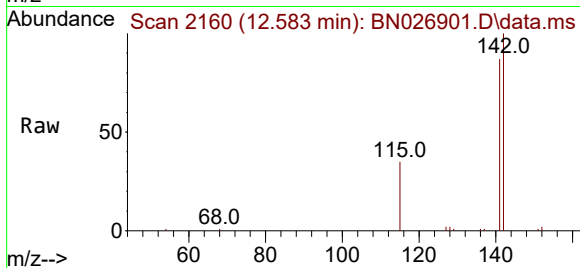
SSTD0.4386

Tgt Ion:142 Resp: 13059

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.445 ng/ul

RT: 12.797 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BN026901.D

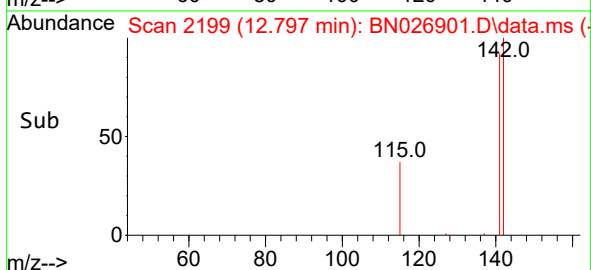
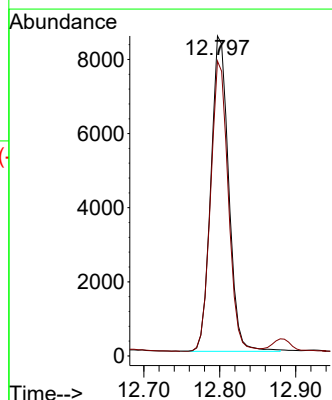
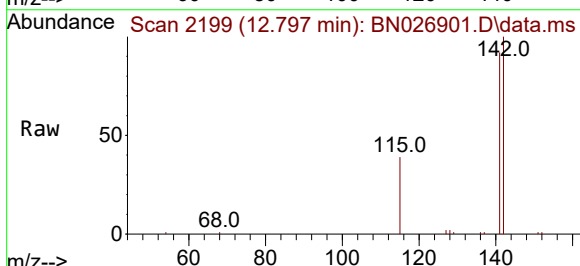
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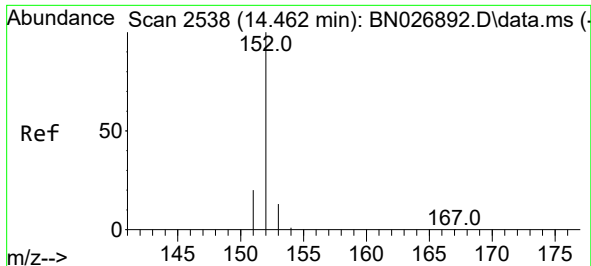
Tgt Ion:142 Resp: 13851

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

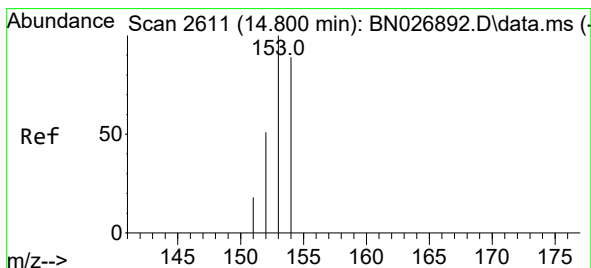
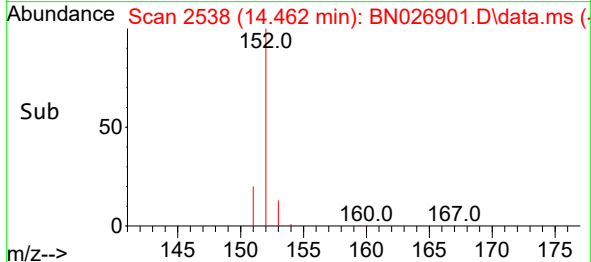
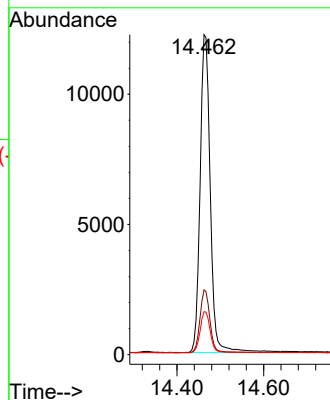
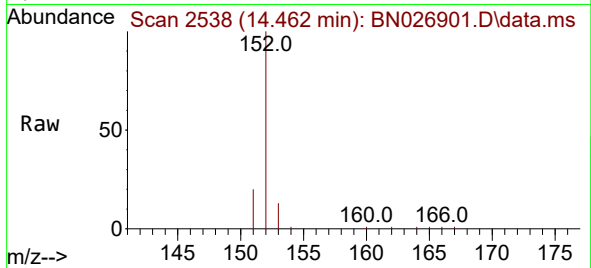




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.462 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

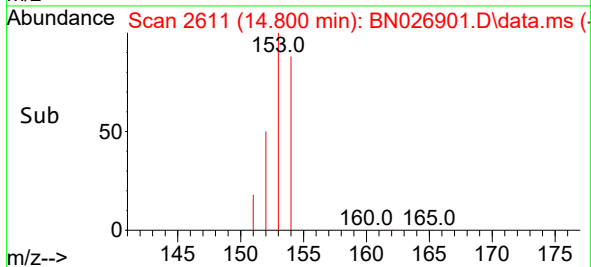
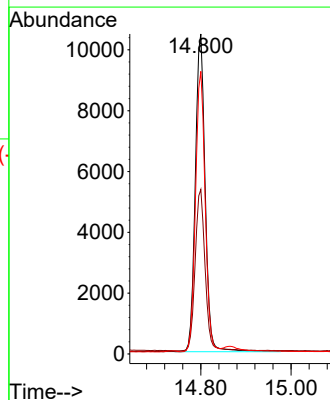
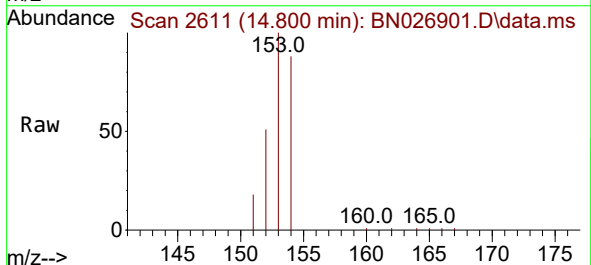
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

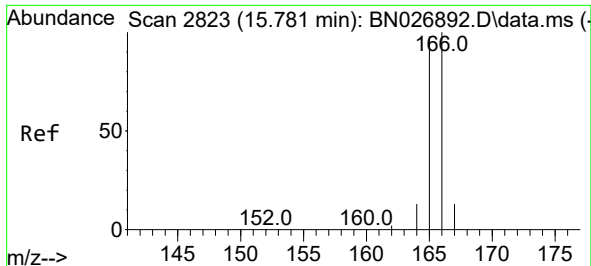
Tgt Ion:	152	Resp:	19999
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.4	11.0	16.6



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion:	153	Resp:	15906
Ion Ratio	Lower	Upper	
153	100		
152	51.4	41.1	61.7
154	88.3	71.6	107.4

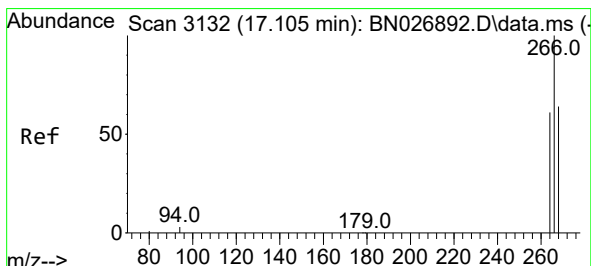
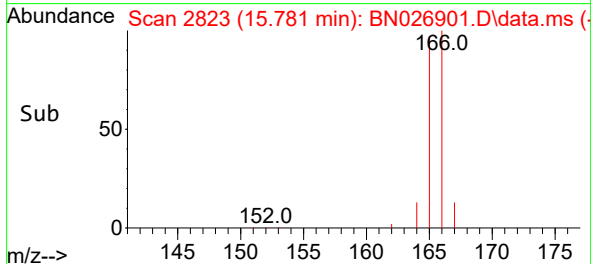
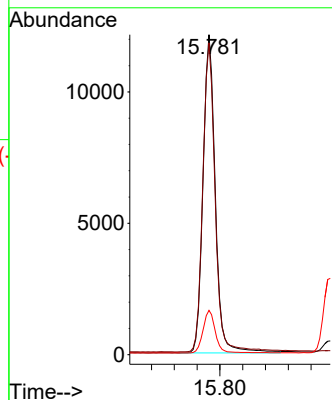
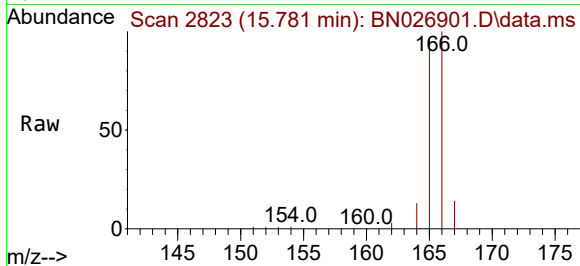




#12
 Fluorene
 Concen: 0.383 ng/ul
 RT: 15.781 min Scan# 2823
 Delta R.T. 0.000 min
 Lab File: BN026901.D
 Acq: 15 Aug 2023 15:03

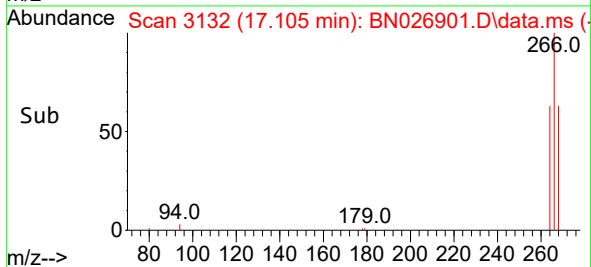
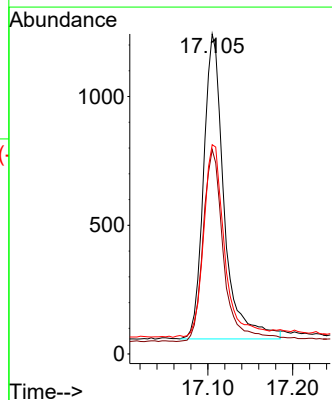
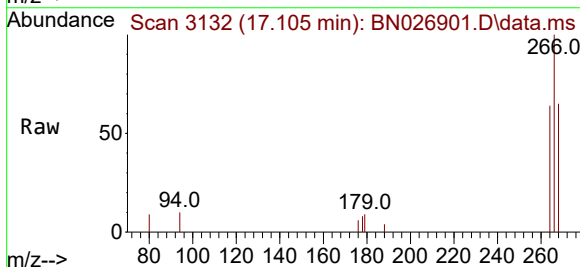
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4386

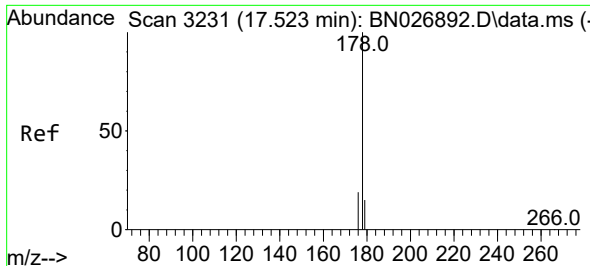
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.1	118.7
167	13.9	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.293 ng/ul
 RT: 17.105 min Scan# 3132
 Delta R.T. 0.000 min
 Lab File: BN026901.D
 Acq: 15 Aug 2023 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.4	75.6
268	66.0	51.2	76.8

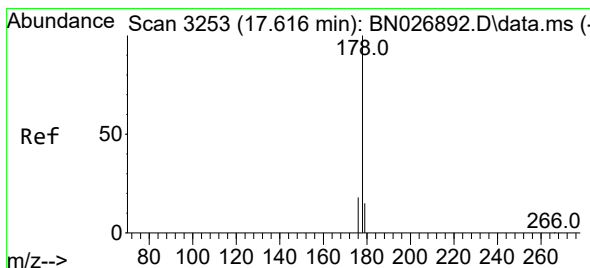
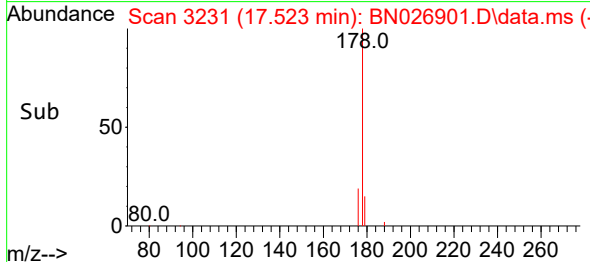
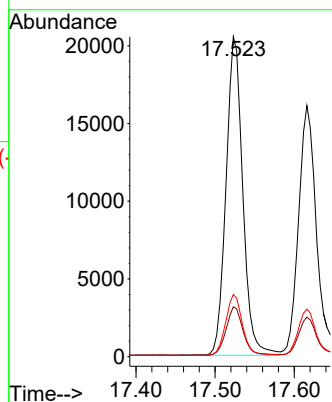
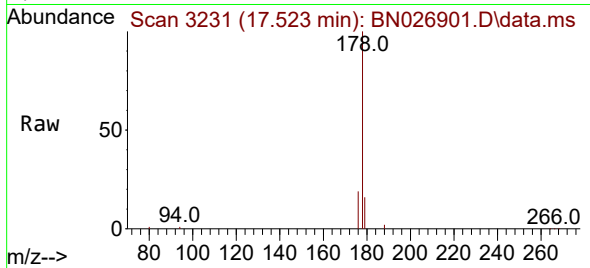




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.523 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

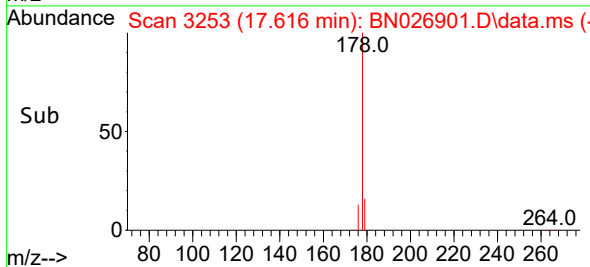
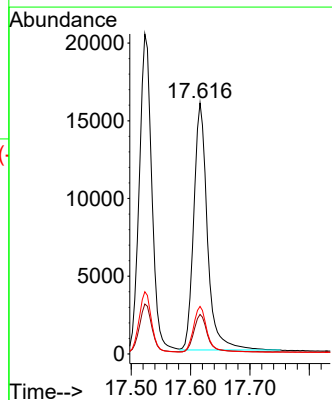
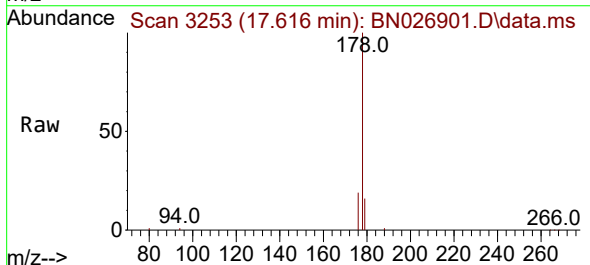
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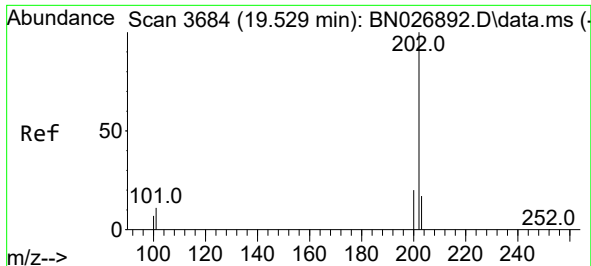
Tgt Ion:178 Resp: 30180
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.616 min Scan# 3253
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion:178 Resp: 25405
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.9 15.0 22.6

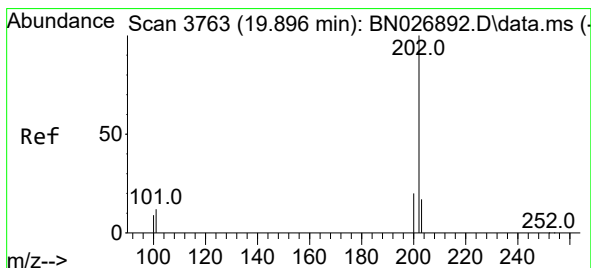
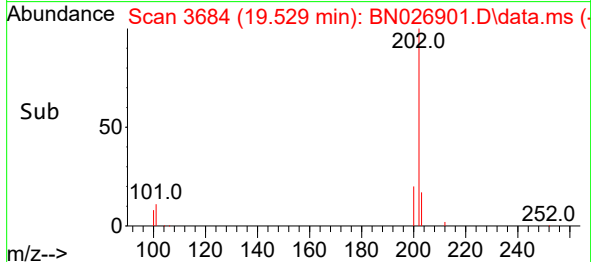
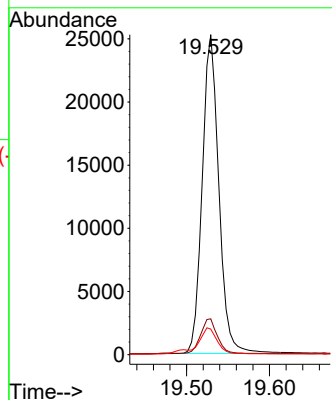
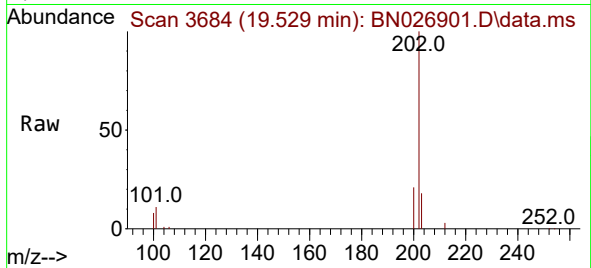




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.529 min Scan# 3684
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

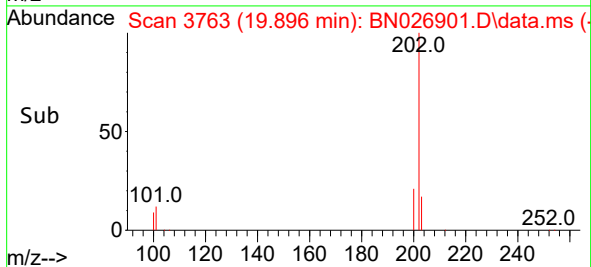
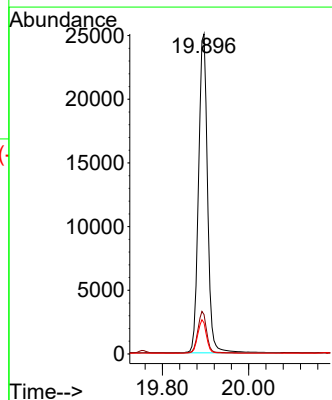
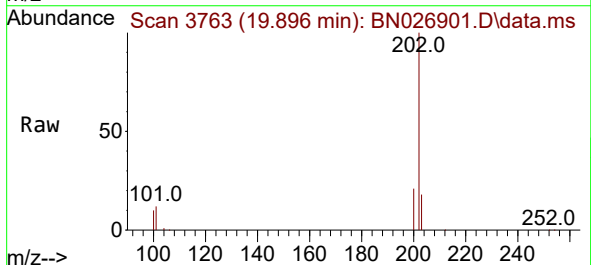
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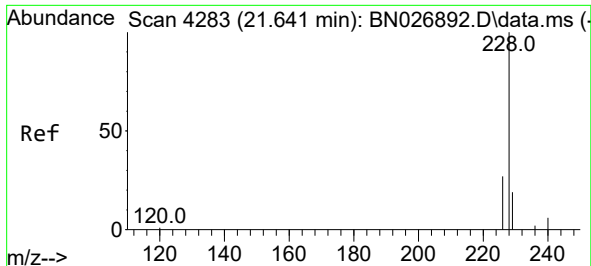
Tgt Ion:202 Resp: 35224
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 8.0 6.2 9.2



#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.896 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion:202 Resp: 36294
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.7 8.5 12.7

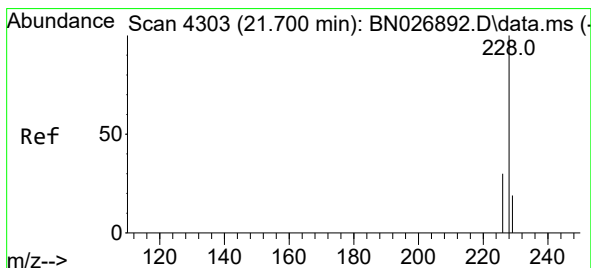
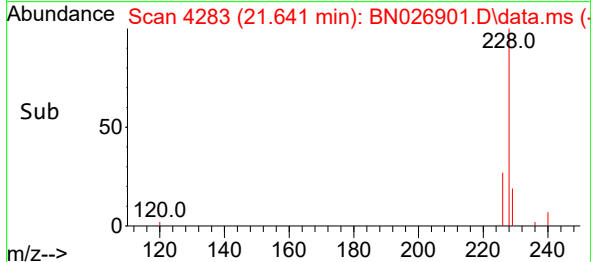
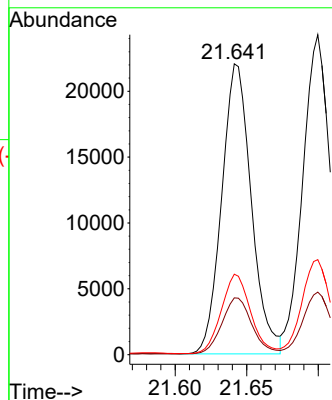
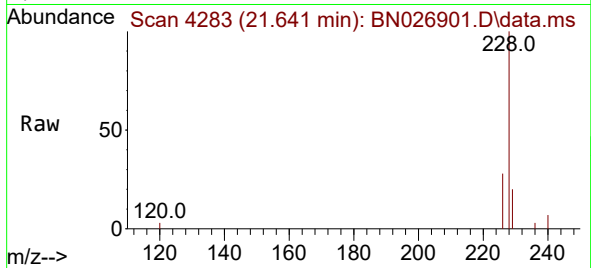




#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.641 min Scan# 4283
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

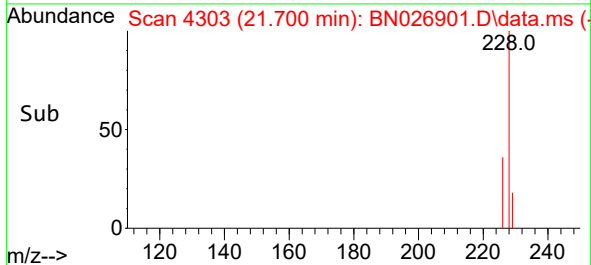
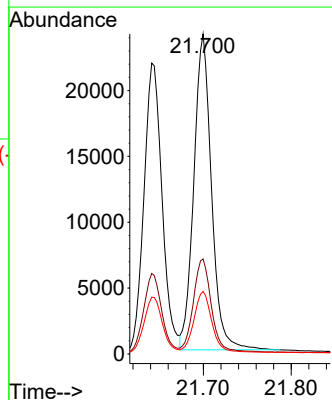
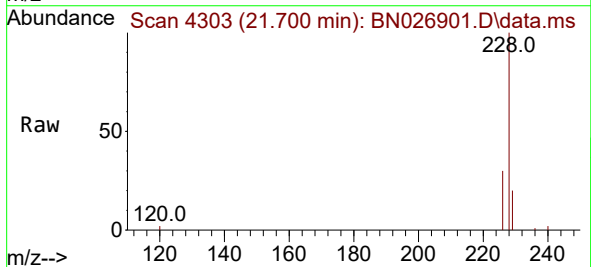
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

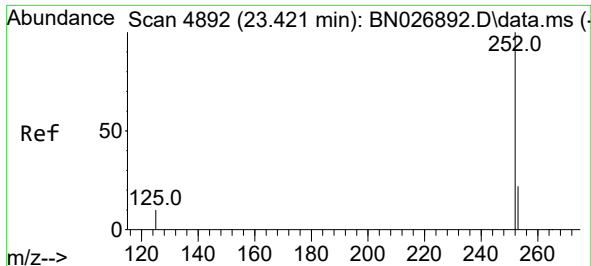
Tgt Ion:228 Resp: 31675
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.700 min Scan# 4303
Delta R.T. 0.000 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion:228 Resp: 33501
Ion Ratio Lower Upper
228 100
226 29.7 24.6 36.8
229 19.5 15.8 23.6

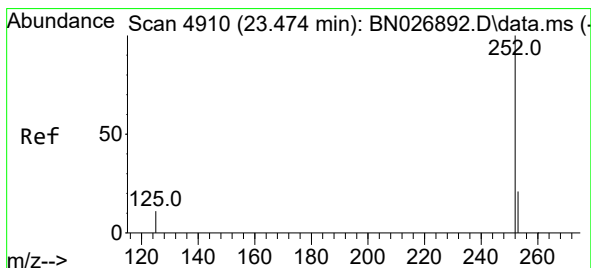
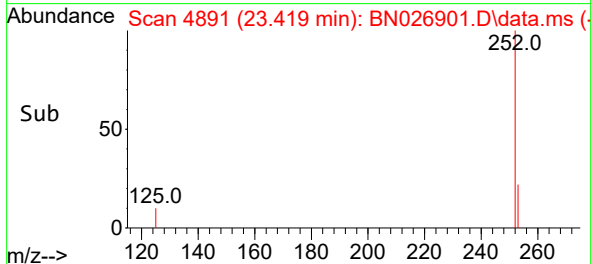
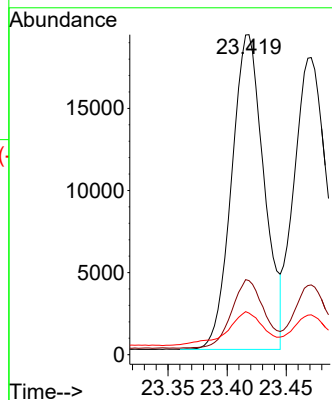
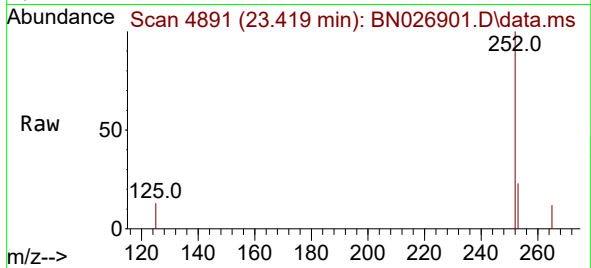




#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.419 min Scan# 4891
Delta R.T. -0.003 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

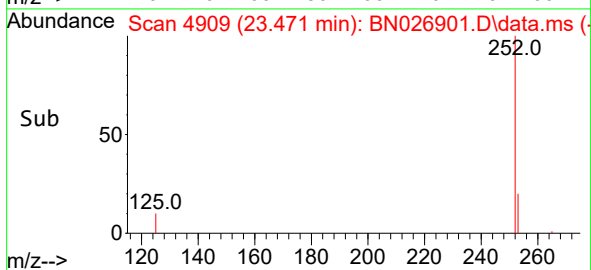
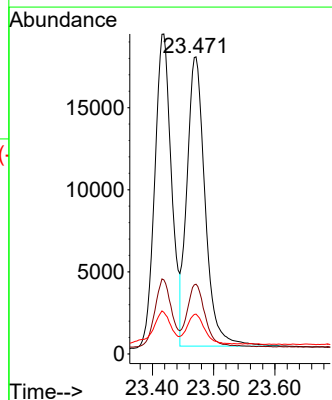
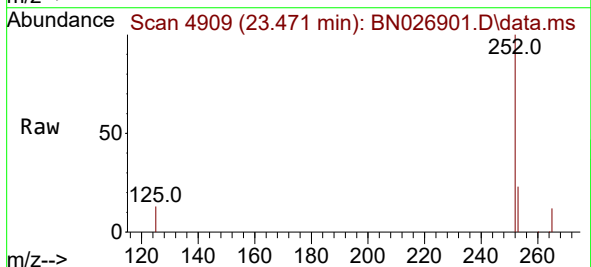
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

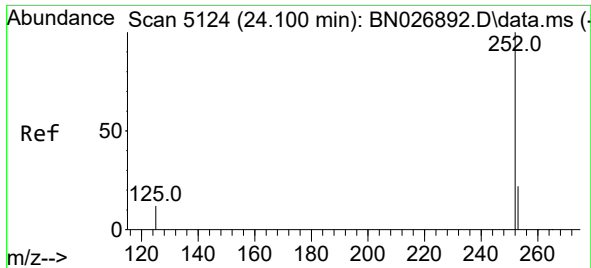
Tgt Ion:252 Resp: 36590
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.8
125 13.0 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.432 ng/ul
RT: 23.471 min Scan# 4909
Delta R.T. -0.003 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion:252 Resp: 36218
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 13.4 9.9 14.9

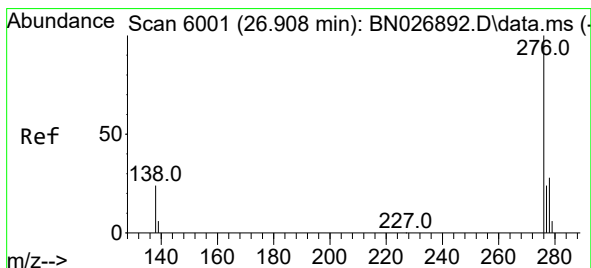
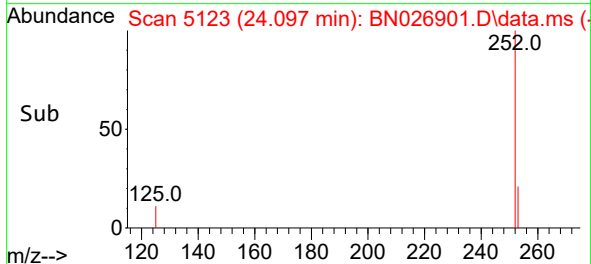
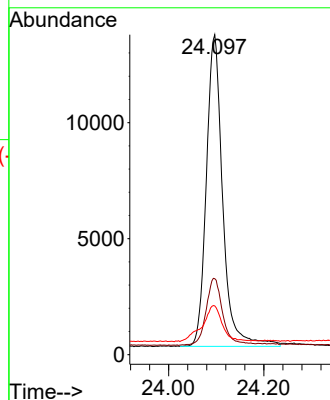
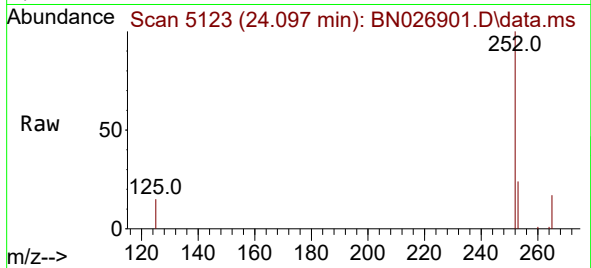




#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 24.097 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

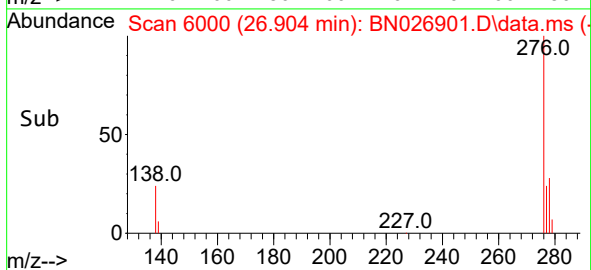
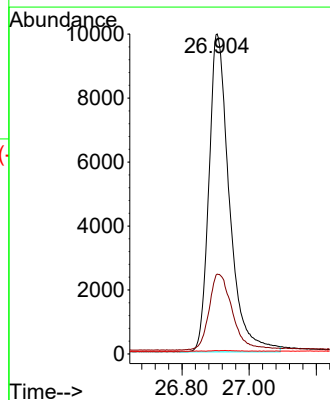
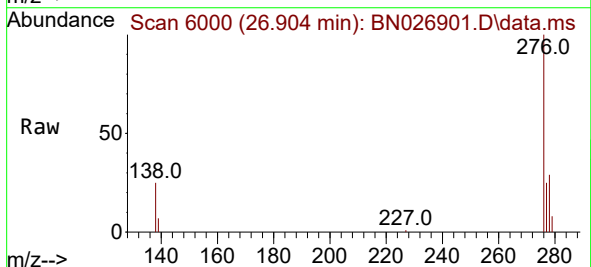
Instrument :
BNA_N
ClientSampleId :
SSTD0.4386

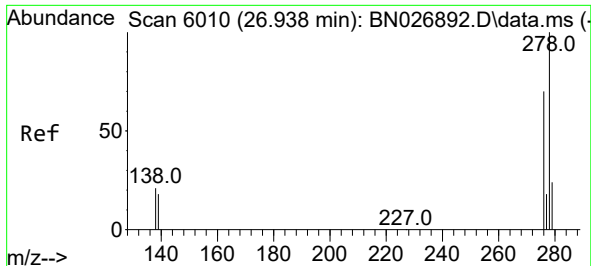
Tgt Ion:252 Resp: 32108
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.6
125 15.2 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. -0.003 min
Lab File: BN026901.D
Acq: 15 Aug 2023 15:03

Tgt Ion:276 Resp: 41935
Ion Ratio Lower Upper
276 100
138 27.2 21.6 32.4
227 0.1 0.0 0.0#

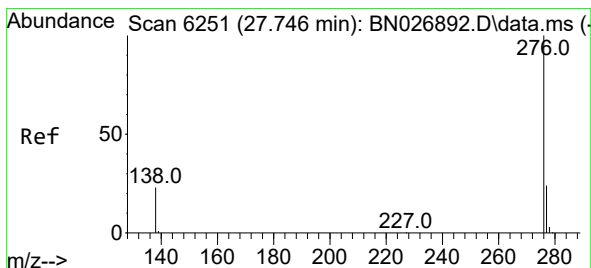
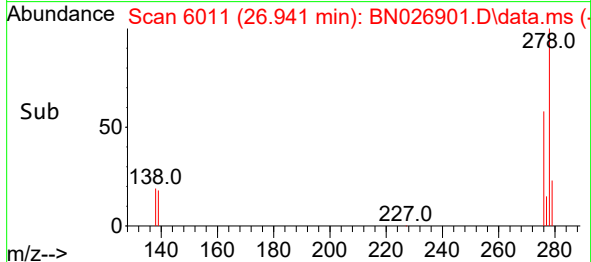
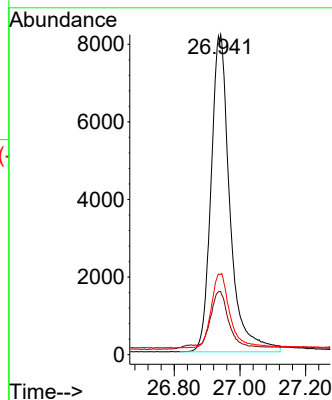
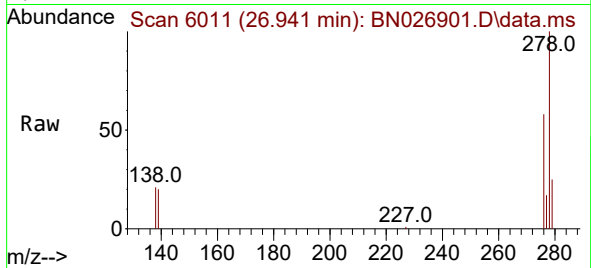




#28
 Dibenzo(a,h)anthracene
 Concen: 0.407 ng/ul
 RT: 26.941 min Scan# 6011
 Delta R.T. 0.003 min
 Lab File: BN026901.D
 Acq: 15 Aug 2023 15:03

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4386

Tgt Ion:278 Resp: 32571
 Ion Ratio Lower Upper
 278 100
 139 19.7 15.7 23.5
 279 25.2 20.2 30.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.424 ng/ul
 RT: 27.746 min Scan# 6251
 Delta R.T. 0.000 min
 Lab File: BN026901.D
 Acq: 15 Aug 2023 15:03

Tgt Ion:276 Resp: 35415
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 24.8 19.8 29.8

