

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
 Data File : BN026524.D
 Acq On : 15 Jul 2023 22:38
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4359

Quant Time: Jul 16 00:56:19 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)

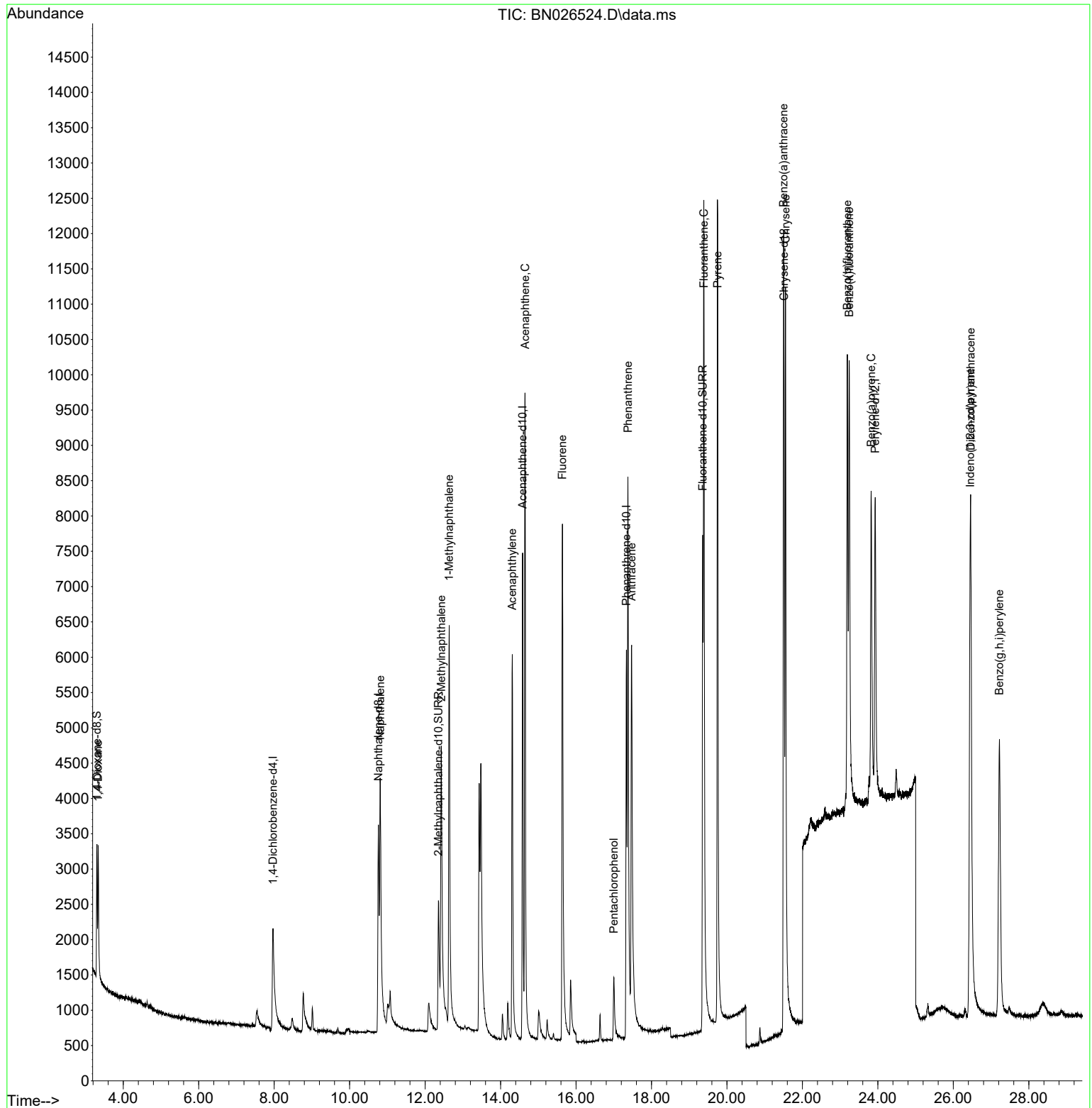
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	6979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	4603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	9127	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.513	240	7466	0.400	ng/ul	# 0.00
23) Perylene-d12	23.928	264	7188	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1350	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	3986	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	10647	0.411	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	1355	0.552	ng/ul	93
5) Naphthalene	10.813	128	7491	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.430	142	4430	0.407	ng/ul	100
8) 1-Methylnaphthalene	12.639	142	5074	0.436	ng/ul	99
10) Acenaphthylene	14.311	152	8508	0.377	ng/ul	99
11) Acenaphthene	14.648	153	6541	0.381	ng/ul	98
12) Fluorene	15.638	166	7216	0.401	ng/ul	98
14) Pentachlorophenol	17.004	266	1028	0.446	ng/ul	98
15) Phenanthrene	17.376	178	10866	0.374	ng/ul	99
16) Anthracene	17.473	178	9903	0.393	ng/ul	98
19) Fluoranthene	19.386	202	13374	0.382	ng/ul	96
20) Pyrene	19.748	202	14379	0.378	ng/ul	96
21) Benzo(a)anthracene	21.499	228	10445	0.381	ng/ul	97
22) Chrysene	21.551	228	11373	0.364	ng/ul	100
24) Benzo(b)fluoranthene	23.191	252	10183	0.364	ng/ul	95
25) Benzo(k)fluoranthene	23.238	252	11204	0.382	ng/ul	96
26) Benzo(a)pyrene	23.823	252	9275	0.372	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.446	276	12531	0.383	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.459	278	9975	0.398	ng/ul#	90
29) Benzo(g,h,i)perylene	27.221	276	10740	0.372	ng/ul#	90

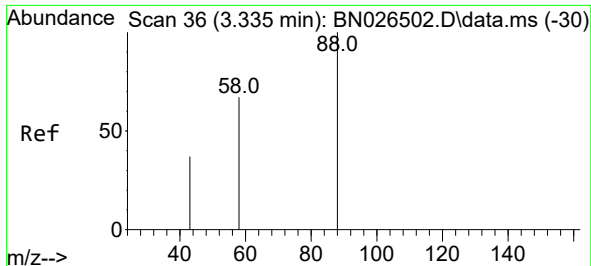
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
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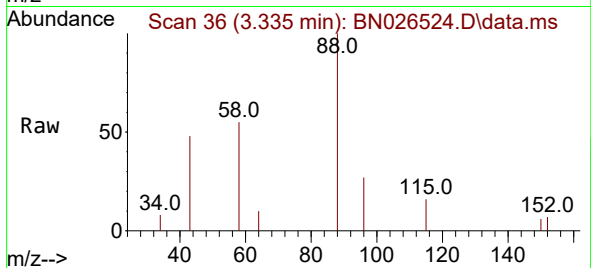
Quant Time: Jul 16 00:56:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
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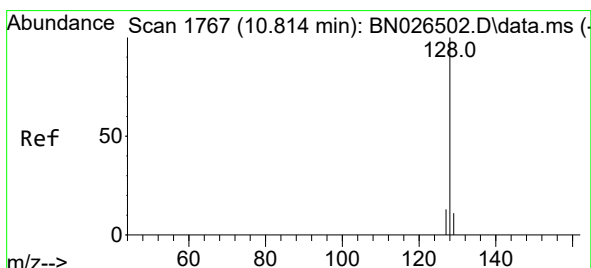
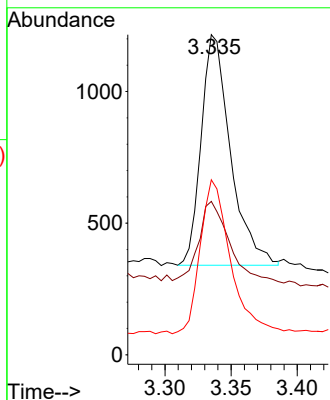
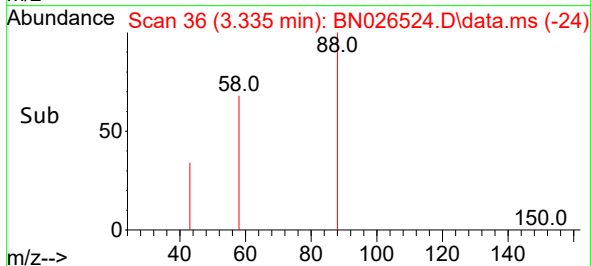
#2
1,4-Dioxane
Concen: 0.552 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4359



Tgt Ion: 88 Resp: 1355

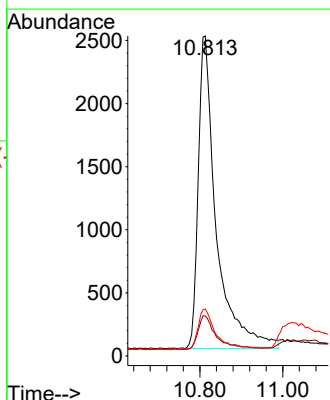
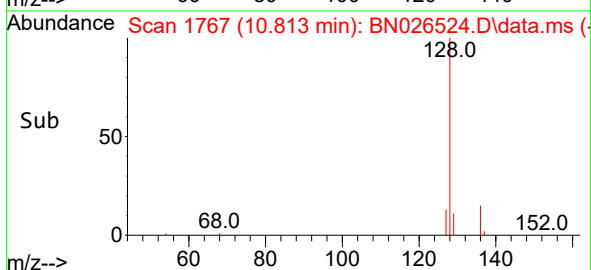
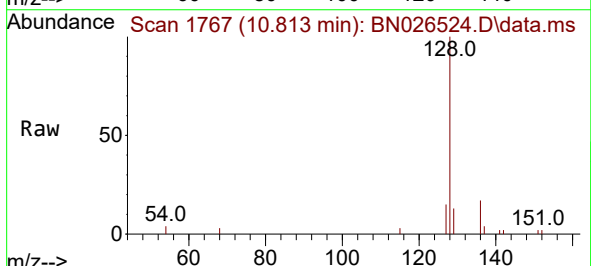
Ion	Ratio	Lower	Upper
88	100		
43	47.9	33.0	49.6
58	54.7	41.7	62.5

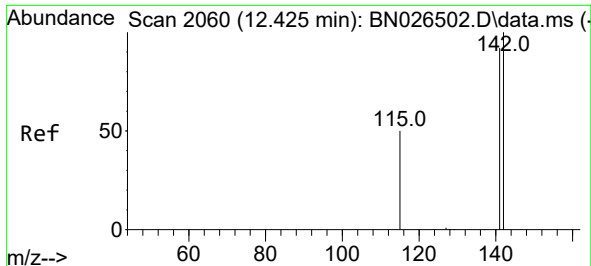


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion: 128 Resp: 7491

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.2
127	14.7	11.4	17.0

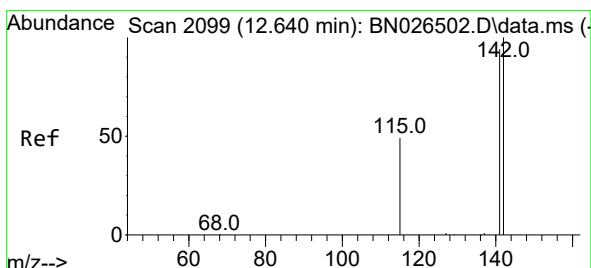
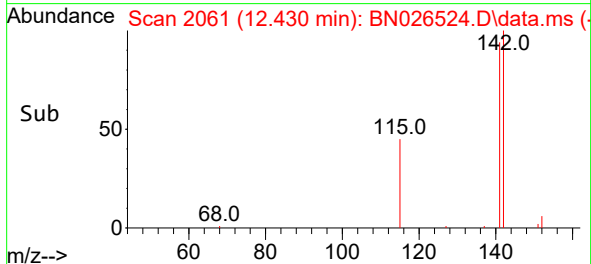
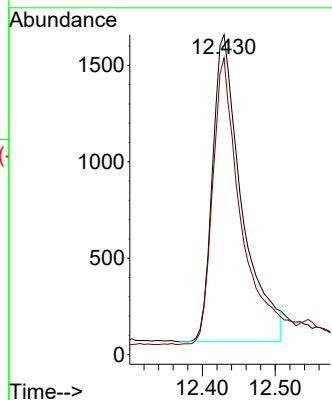
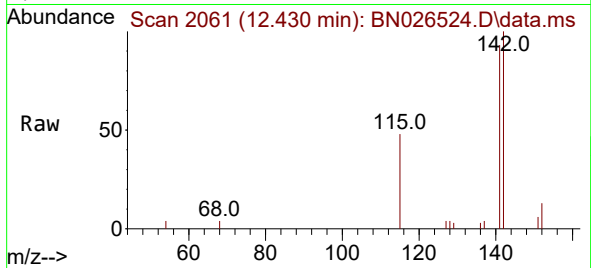




#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. 0.004 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

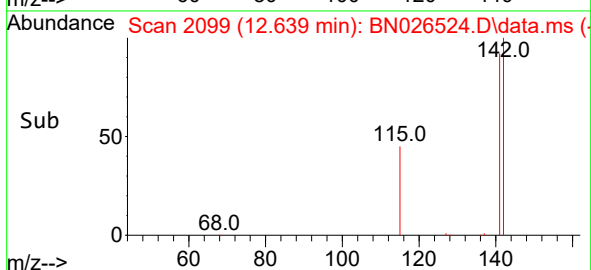
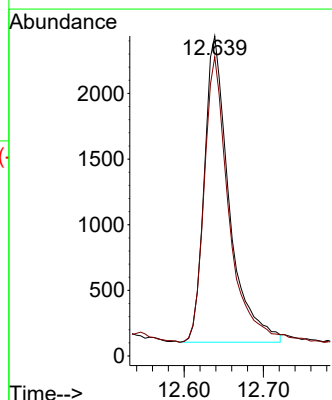
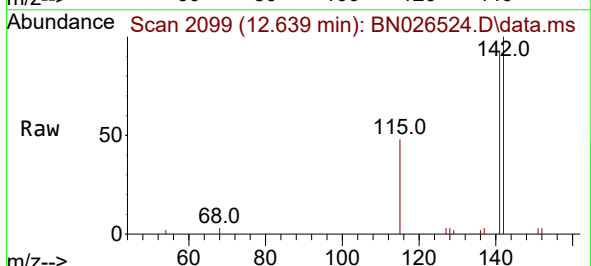
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

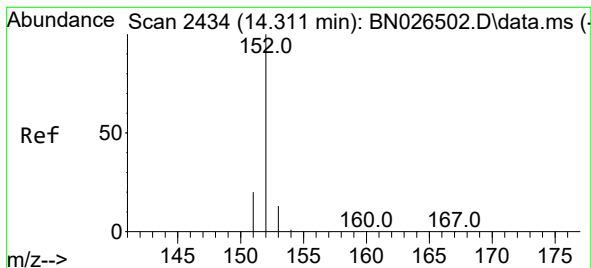
Tgt Ion:142 Resp: 4430
Ion Ratio Lower Upper
142 100
141 90.5 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.639 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion:142 Resp: 5074
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7





#10

Acenaphthylene

Concen: 0.377 ng/ul

RT: 14.311 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BN026524.D

Acq: 15 Jul 2023 22:38

Instrument :

BNA_N

ClientSampleId :

SSTD0.4359

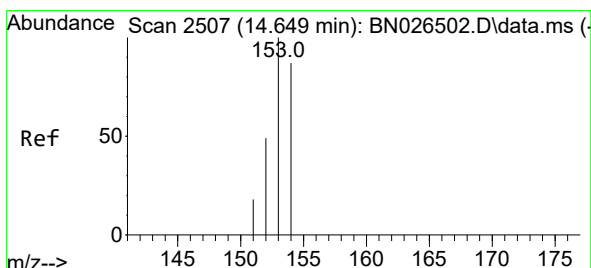
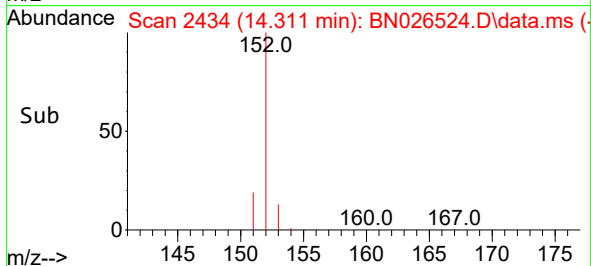
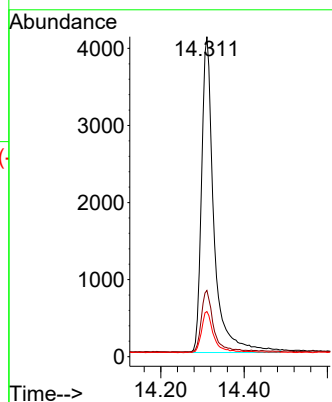
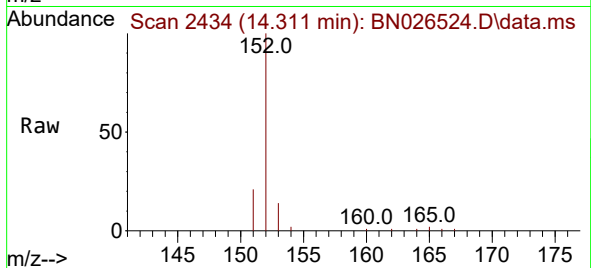
Tgt Ion:152 Resp: 8508

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

153 14.1 11.4 17.2



#11

Acenaphthene

Concen: 0.381 ng/ul

RT: 14.648 min Scan# 2507

Delta R.T. -0.000 min

Lab File: BN026524.D

Acq: 15 Jul 2023 22:38

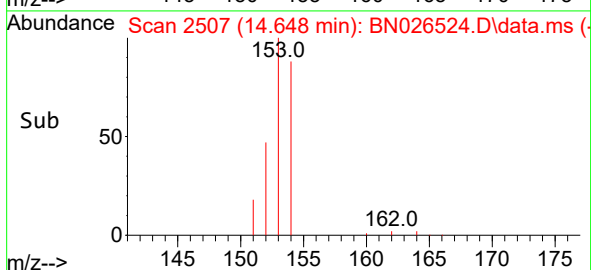
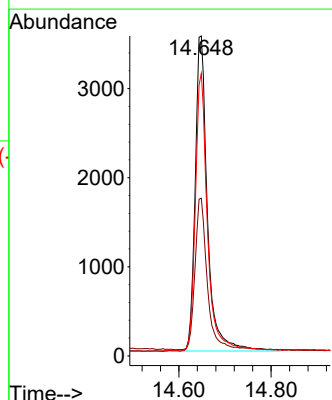
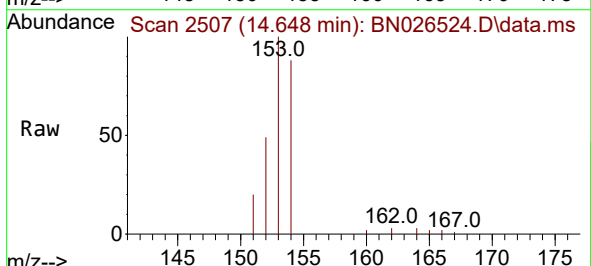
Tgt Ion:153 Resp: 6541

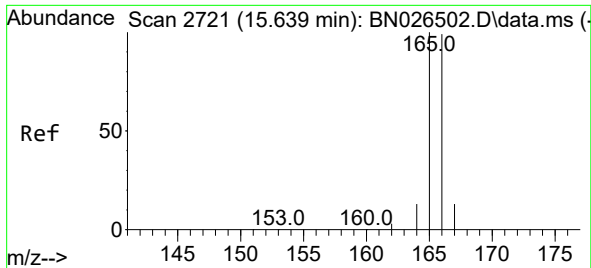
Ion Ratio Lower Upper

153 100

152 49.3 40.2 60.4

154 88.3 69.3 103.9

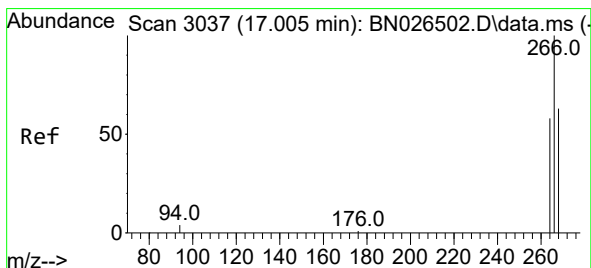
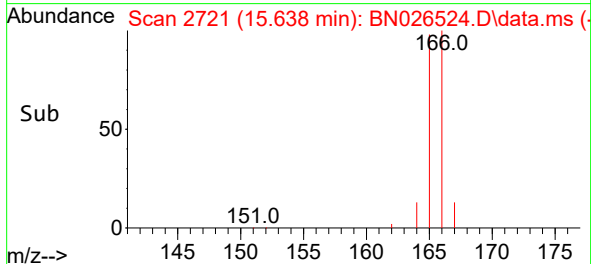
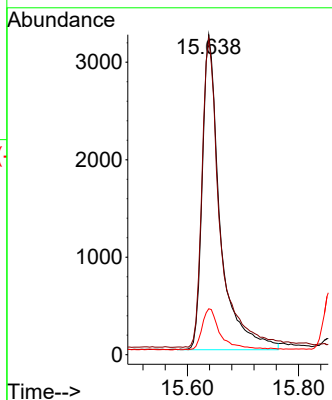
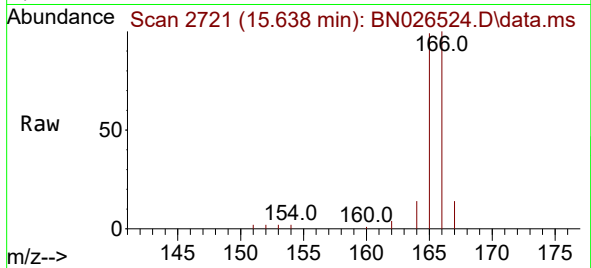




#12
 Fluorene
 Concen: 0.401 ng/ul
 RT: 15.638 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN026524.D
 Acq: 15 Jul 2023 22:38

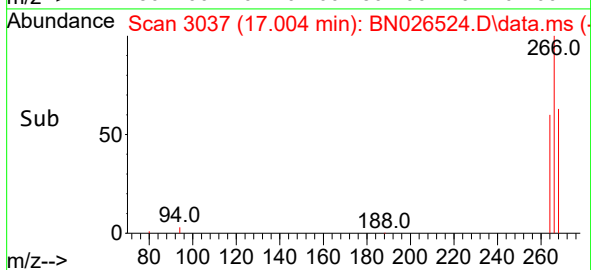
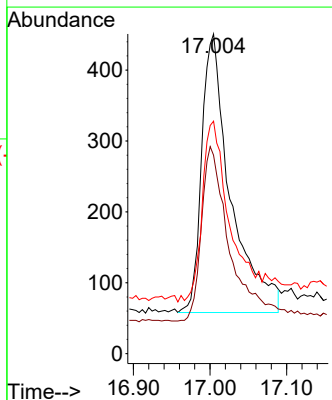
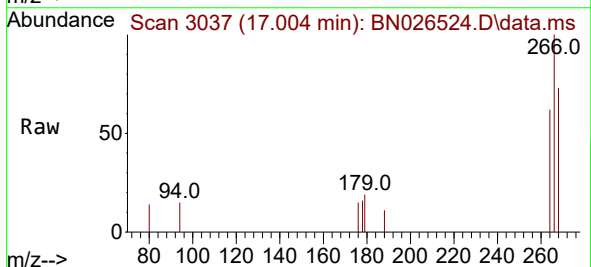
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4359

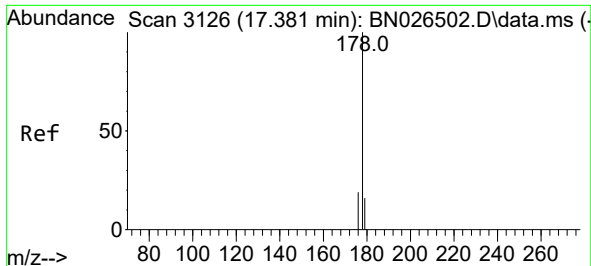
Tgt Ion:	166	Resp:	7216
Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.6	120.8
167	14.3	12.0	18.0



#14
 Pentachlorophenol
 Concen: 0.446 ng/ul
 RT: 17.004 min Scan# 3037
 Delta R.T. -0.000 min
 Lab File: BN026524.D
 Acq: 15 Jul 2023 22:38

Tgt Ion:	266	Resp:	1028
Ion	Ratio	Lower	Upper
266	100		
264	61.4	52.0	78.0
268	66.1	53.0	79.6

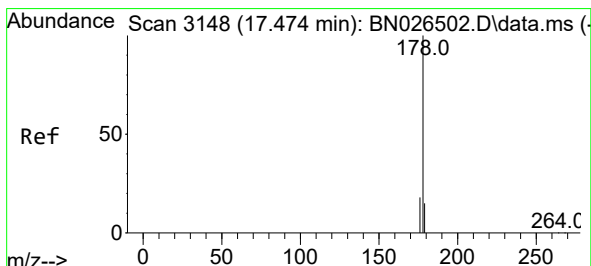
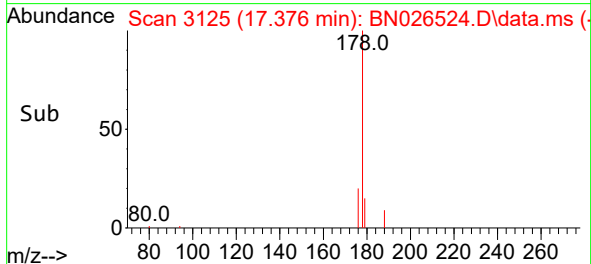
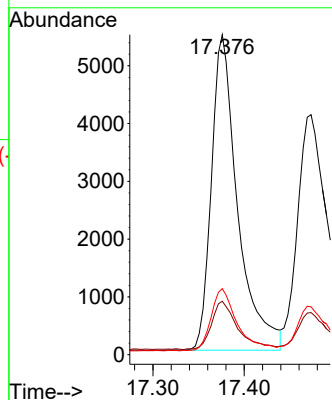
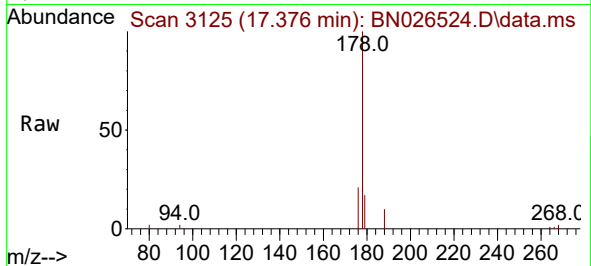




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

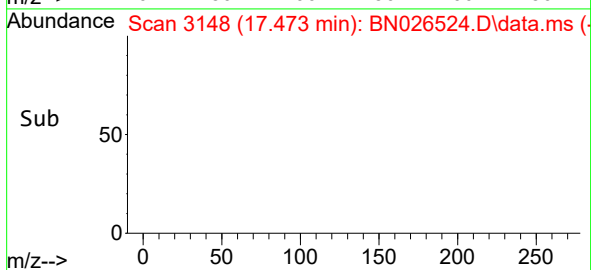
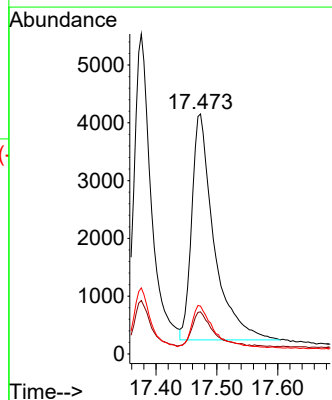
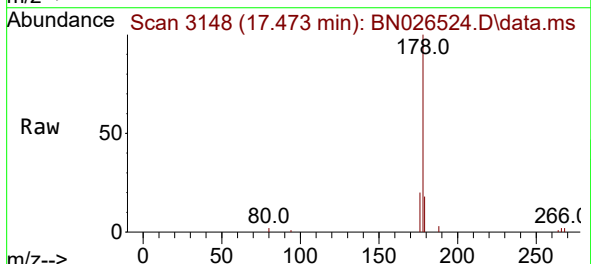
Instrument :
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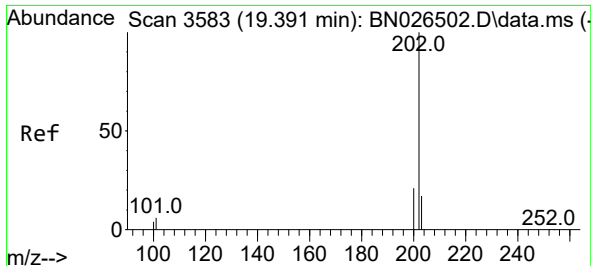
Tgt Ion:178 Resp: 10866
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.7 16.5 24.7



#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion:178 Resp: 9903
Ion Ratio Lower Upper
178 100
179 17.5 14.8 22.2
176 19.9 16.6 25.0

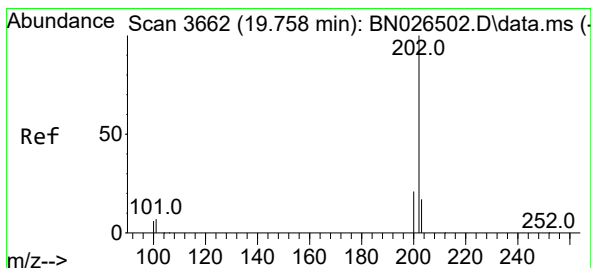
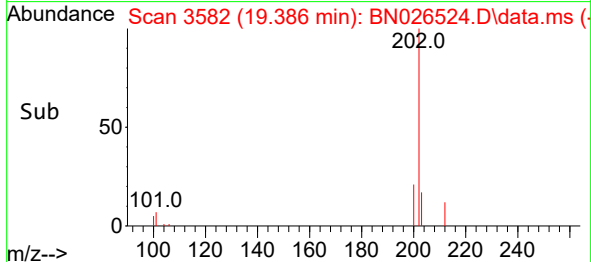
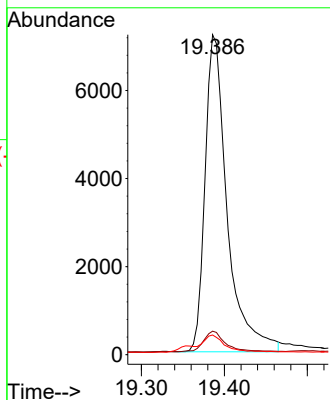
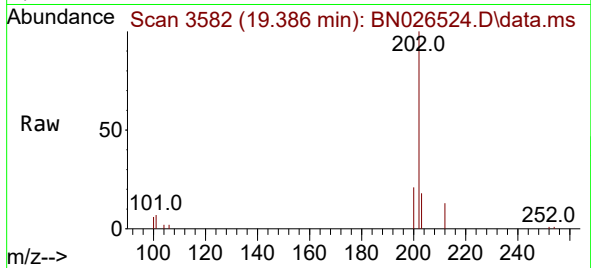




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. -0.006 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

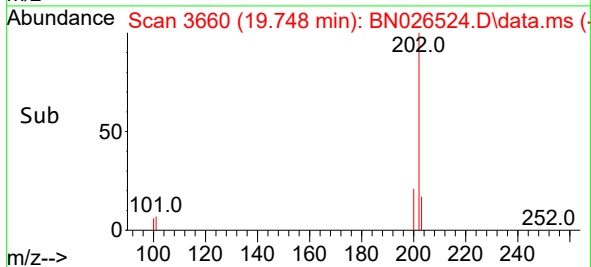
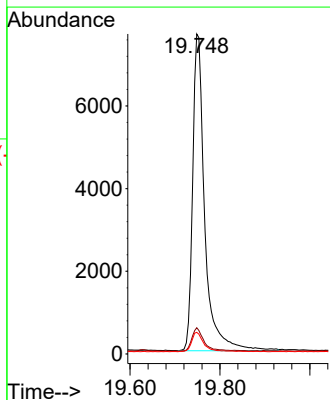
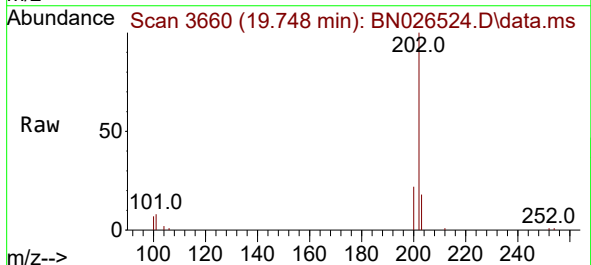
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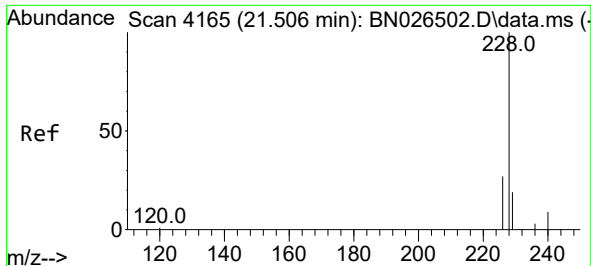
Tgt Ion:202 Resp: 13374
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.4
100 6.2 6.0 9.0



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

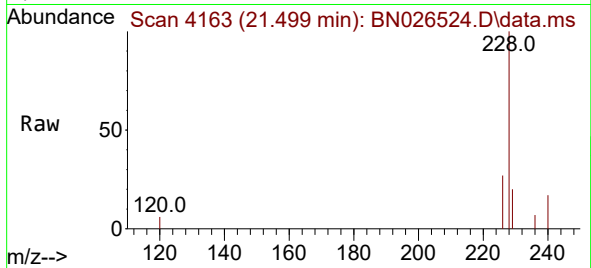
Tgt Ion:202 Resp: 14379
Ion Ratio Lower Upper
202 100
101 8.2 8.0 12.0
100 6.7 6.2 9.2



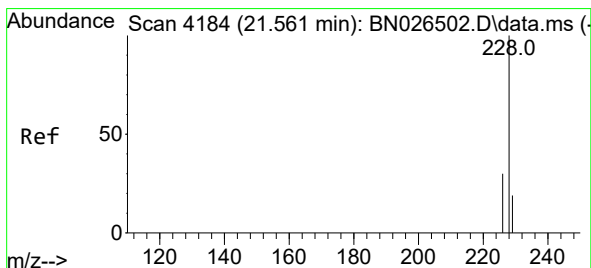
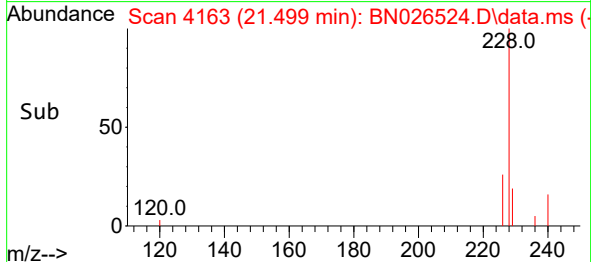
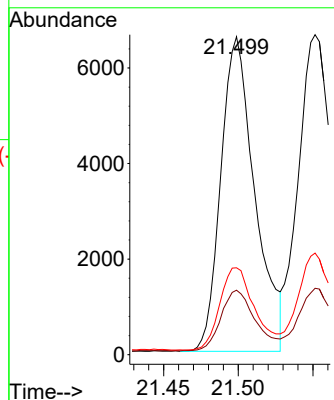


#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.007 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

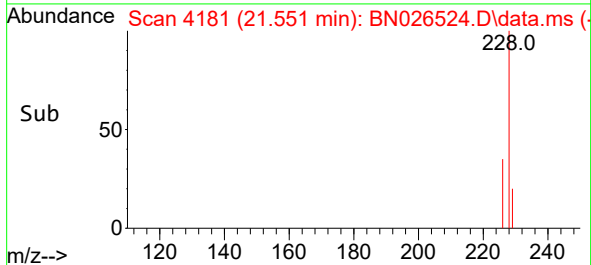
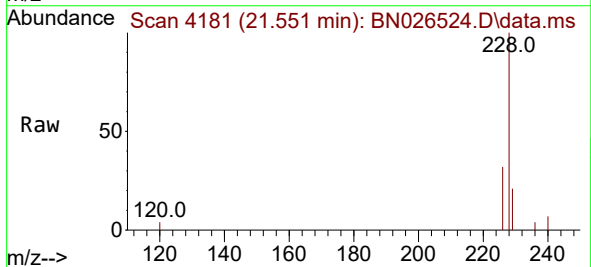
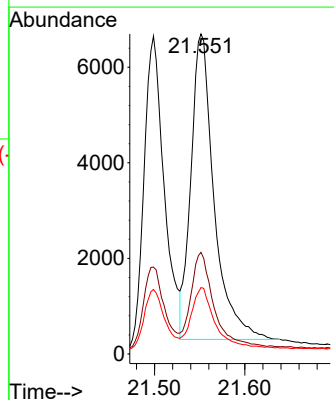


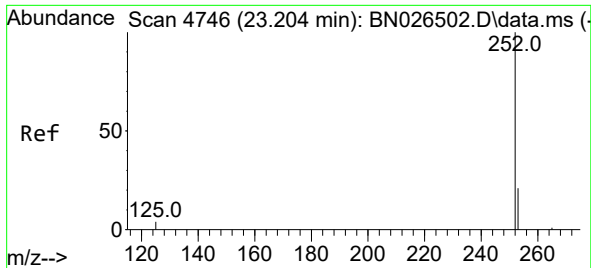
Tgt Ion:228 Resp: 10445
Ion Ratio Lower Upper
228 100
229 20.3 16.7 25.1
226 27.3 23.5 35.3



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.010 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion:228 Resp: 11373
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 20.7 16.4 24.6

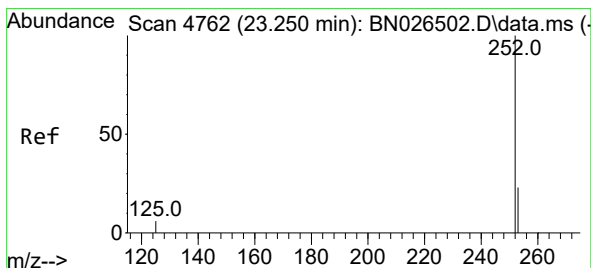
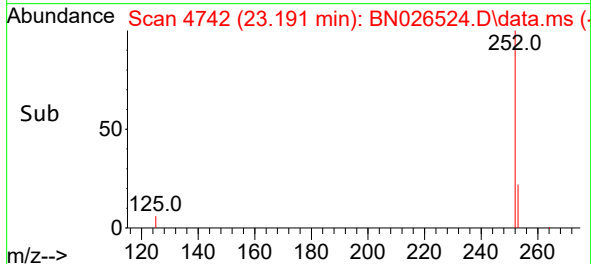
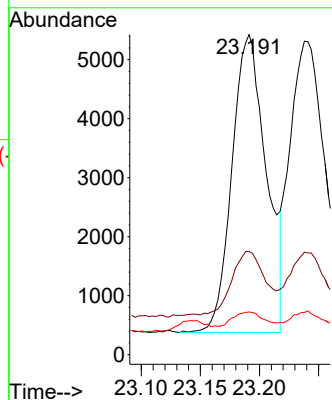
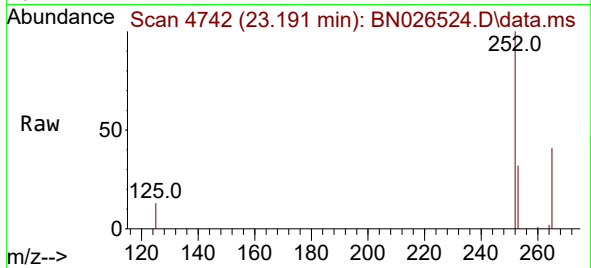




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.191 min Scan# 4742
Delta R.T. -0.013 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

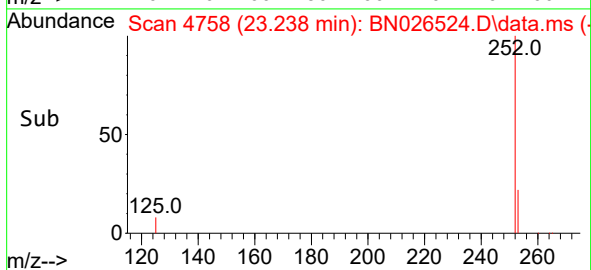
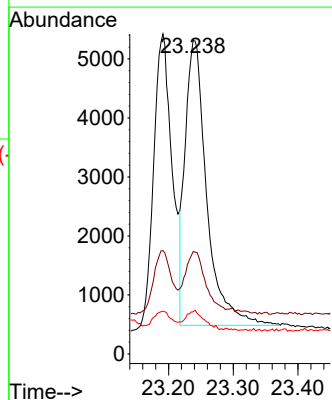
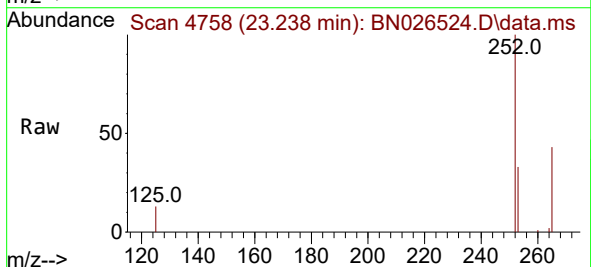
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

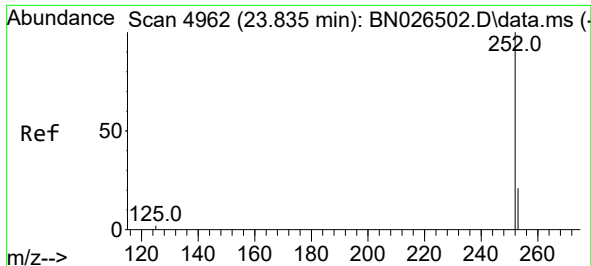
Tgt Ion:252 Resp: 10183
Ion Ratio Lower Upper
252 100
253 32.3 0.0 68.6
125 13.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.238 min Scan# 4758
Delta R.T. -0.013 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion:252 Resp: 11204
Ion Ratio Lower Upper
252 100
253 32.7 27.2 40.8
125 13.5 13.4 20.2

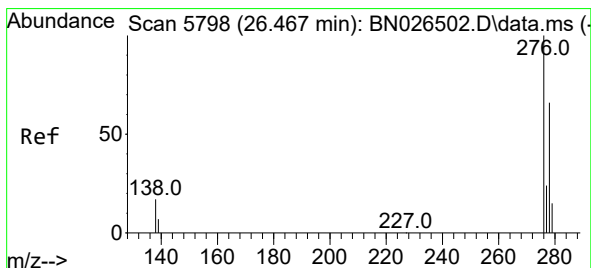
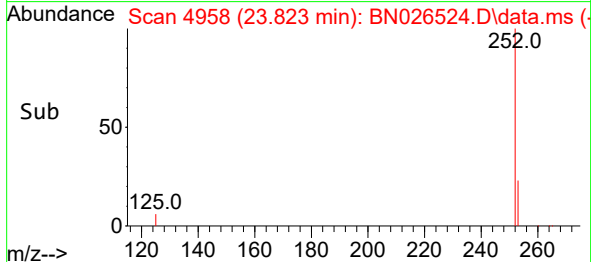
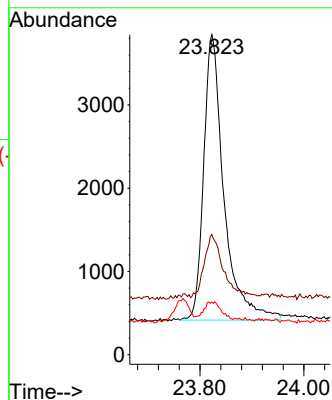
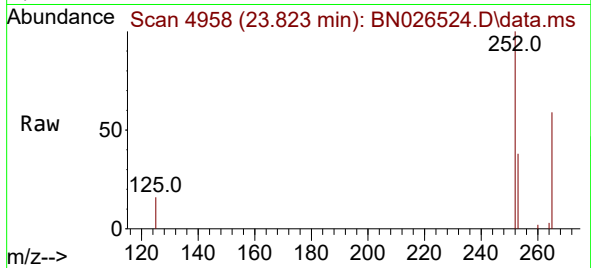




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.823 min Scan# 4962
Delta R.T. -0.013 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

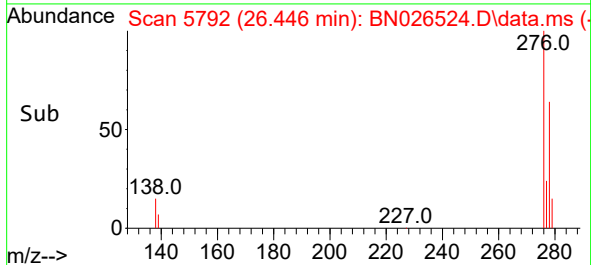
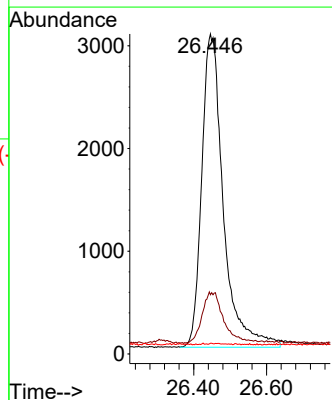
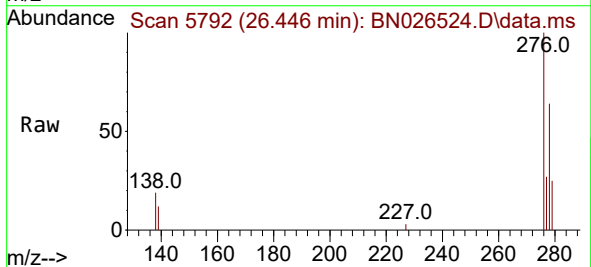
Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

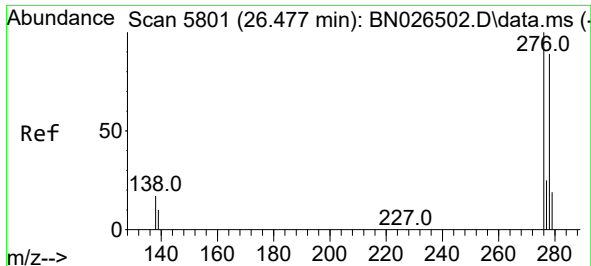
Tgt Ion:252 Resp: 9275
Ion Ratio Lower Upper
252 100
253 37.6 32.6 49.0
125 16.3 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.446 min Scan# 5792
Delta R.T. -0.021 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion:276 Resp: 12531
Ion Ratio Lower Upper
276 100
138 16.4 22.2 33.4#
227 0.1 0.1 0.1#

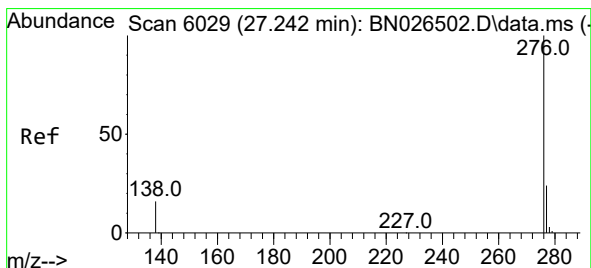
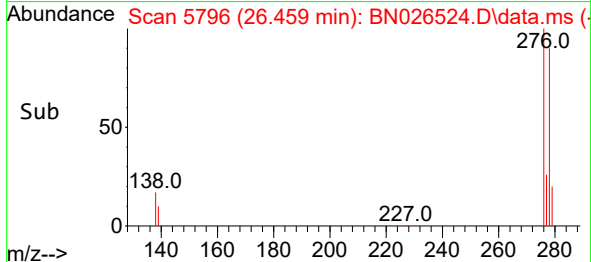
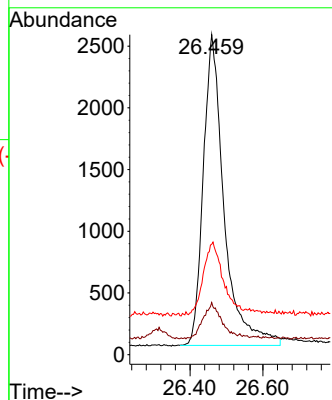
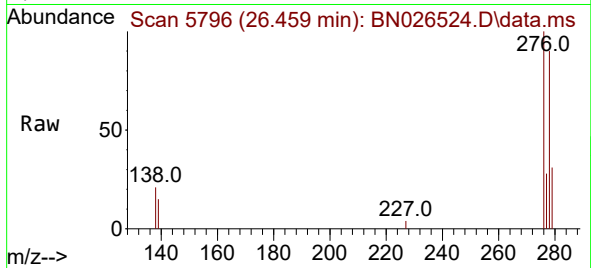




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.459 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Instrument :
BNA_N
ClientSampleId :
SSTD0.4359

Tgt Ion:278 Resp: 9975
Ion Ratio Lower Upper
278 100
139 16.3 18.9 28.3#
279 34.5 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 27.221 min Scan# 6023
Delta R.T. -0.021 min
Lab File: BN026524.D
Acq: 15 Jul 2023 22:38

Tgt Ion:276 Resp: 10740
Ion Ratio Lower Upper
276 100
138 18.9 22.6 34.0#
277 26.8 21.8 32.8

