

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027688.D
 Acq On : 15 Sep 2023 10:21
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4263

Quant Time: Sep 16 01:01:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 00:59:56 2023
 Response via : Initial Calibration

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

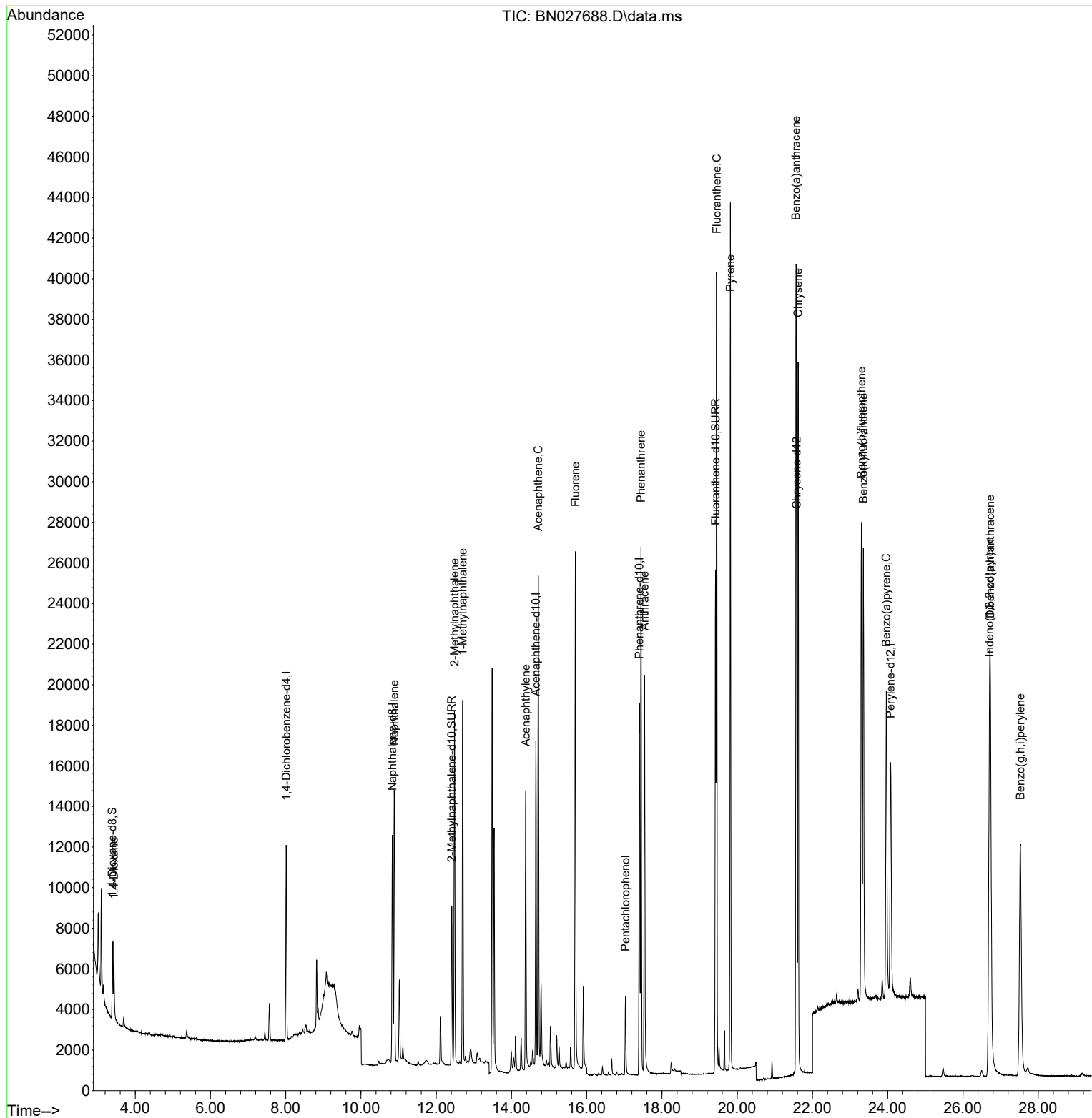
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	4839	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	15369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	9462	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	21608	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	19311	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	18387	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2581	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	10171	0.446	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	26121	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	2744	0.423	ng/ul#	79
5) Naphthalene	10.883	128	18594	0.427	ng/ul	99
7) 2-Methylnaphthalene	12.484	142	12073	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.704	142	12312	0.425	ng/ul	100
10) Acenaphthylene	14.379	152	16776	0.398	ng/ul	99
11) Acenaphthene	14.712	153	14295	0.393	ng/ul	99
12) Fluorene	15.698	166	16705	0.406	ng/ul	98
14) Pentachlorophenol	17.029	266	2619	0.606	ng/ul	99
15) Phenanthrene	17.443	178	28178	0.410	ng/ul	100
16) Anthracene	17.536	178	24228	0.439	ng/ul	100
19) Fluoranthene	19.455	202	34029	0.400	ng/ul	99
20) Pyrene	19.817	202	35148	0.405	ng/ul	100
21) Benzo(a)anthracene	21.562	228	32068	0.460	ng/ul	100
22) Chrysene	21.618	228	32341	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.301	252	33538	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.351	252	32204	0.391	ng/ul	99
26) Benzo(a)pyrene	23.962	252	27010	0.407	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.703	276	33887	0.449	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.726	278	27311	0.467	ng/ul	99
29) Benzo(g,h,i)perylene	27.528	276	28750	0.426	ng/ul	99

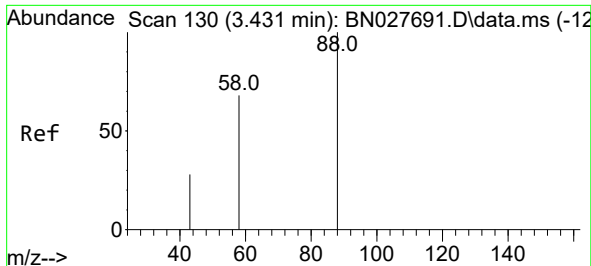
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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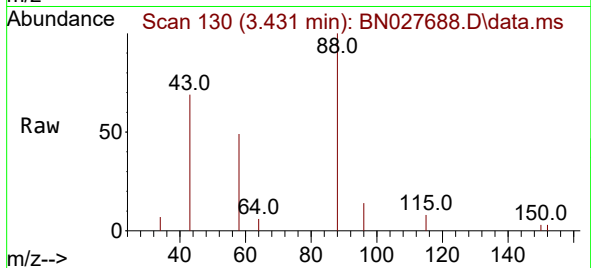
Quant Time: Sep 16 01:01:15 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
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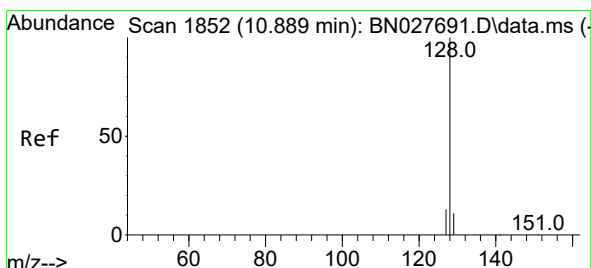
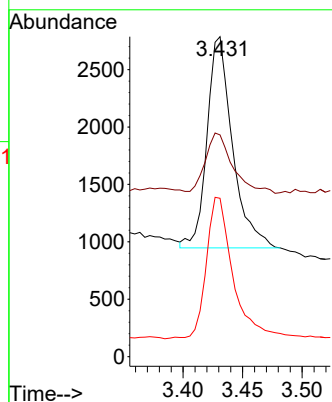
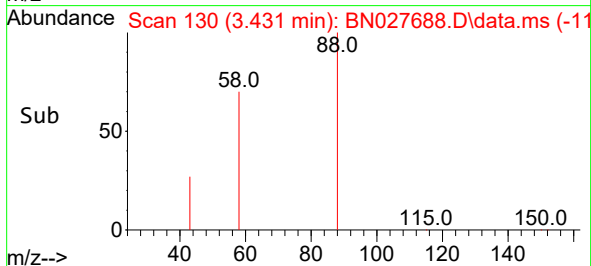


#2
1,4-Dioxane
Concen: 0.423 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

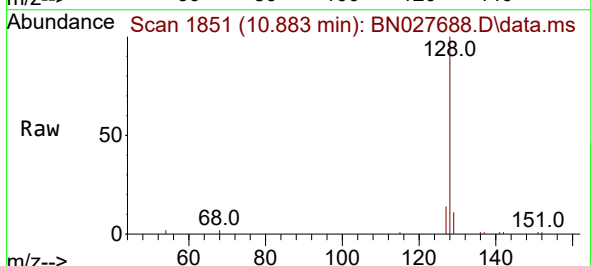
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263



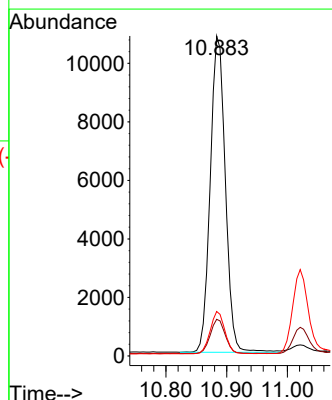
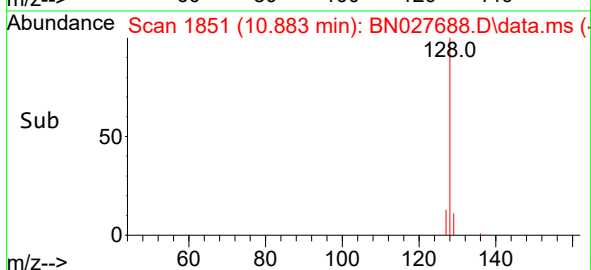
Tgt Ion: 88 Resp: 2744
Ion Ratio Lower Upper
88 100
43 69.3 39.6 59.4#
58 49.5 48.3 72.5

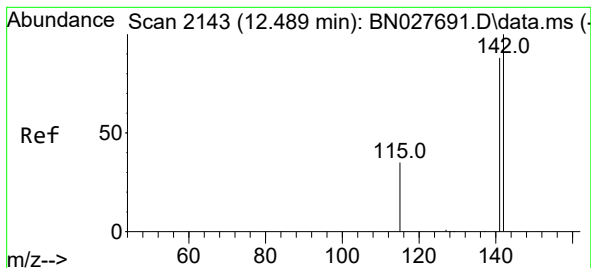


#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.883 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21



Tgt Ion: 128 Resp: 18594
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.9 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.443 ng/ul

RT: 12.484 min Scan# 2142

Delta R.T. -0.005 min

Lab File: BN027688.D

Acq: 15 Sep 2023 10:21

Instrument :

BNA_N

ClientSampleId :

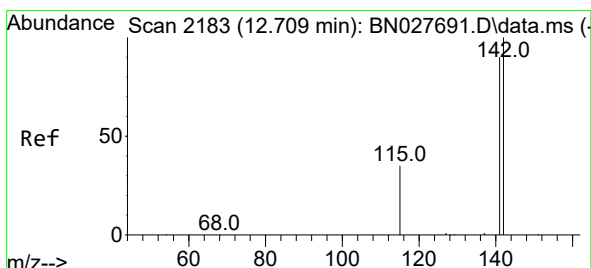
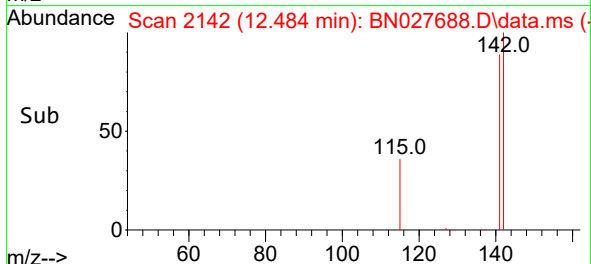
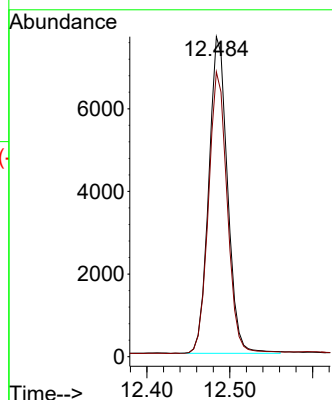
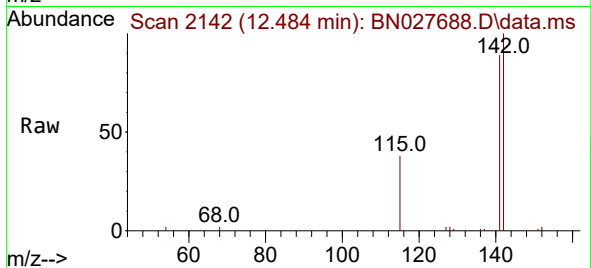
SSTD0.4263

Tgt Ion:142 Resp: 12073

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.425 ng/ul

RT: 12.704 min Scan# 2182

Delta R.T. -0.005 min

Lab File: BN027688.D

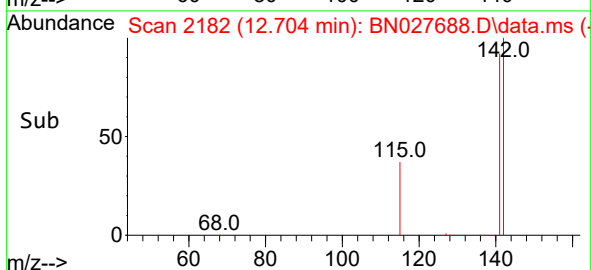
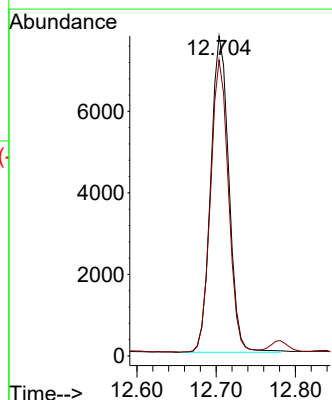
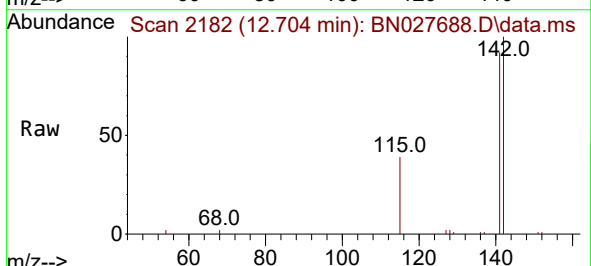
Acq: 15 Sep 2023 10:21

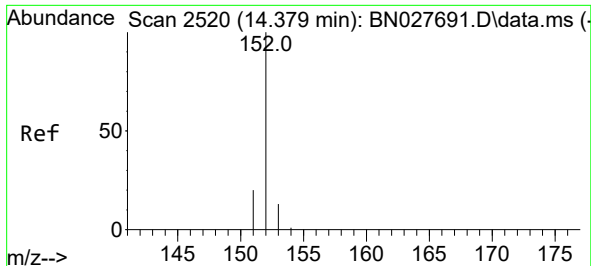
Tgt Ion:142 Resp: 12312

Ion Ratio Lower Upper

142 100

141 91.4 72.8 109.2

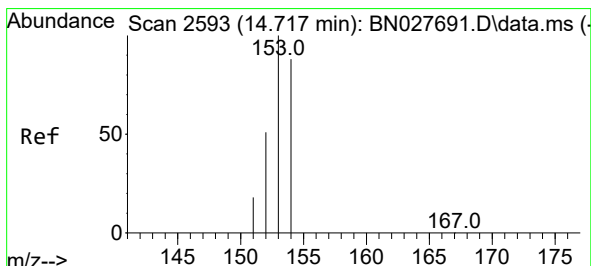
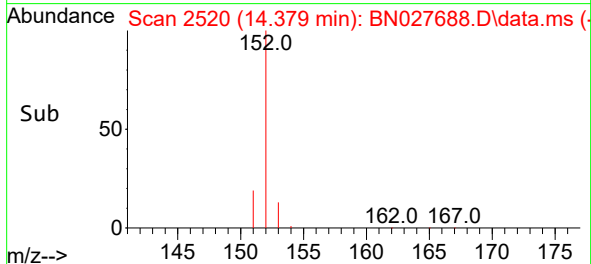
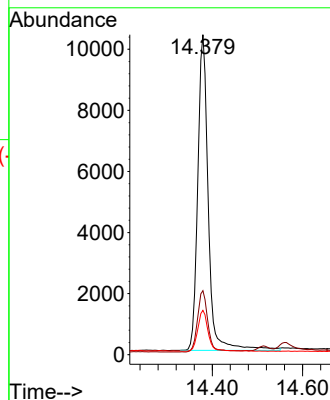
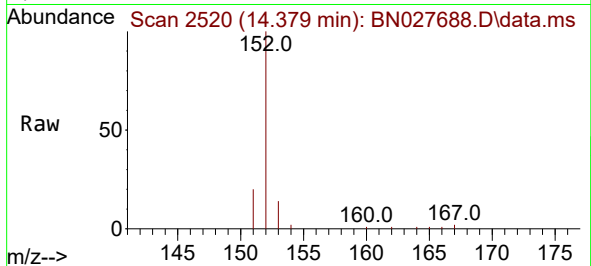




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

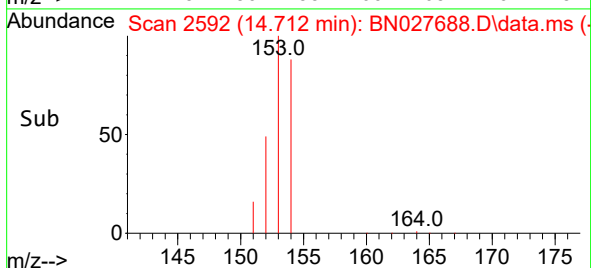
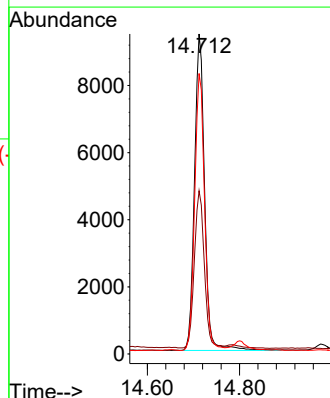
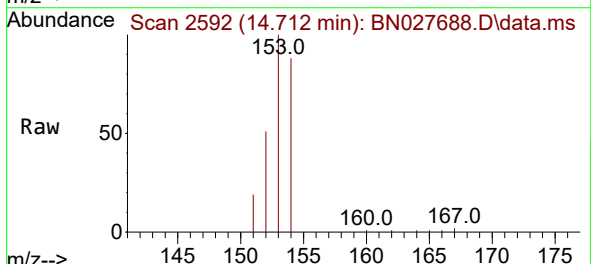
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

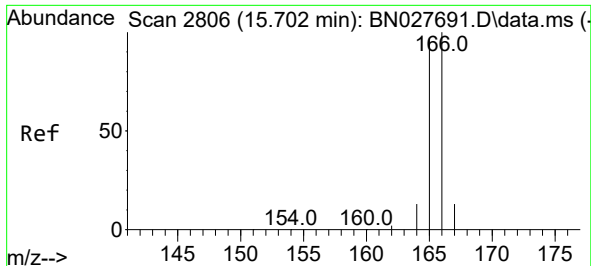
Tgt Ion:152 Resp: 16776
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.8 11.0 16.6



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

Tgt Ion:153 Resp: 14295
Ion Ratio Lower Upper
153 100
152 51.0 41.7 62.5
154 87.6 70.3 105.5

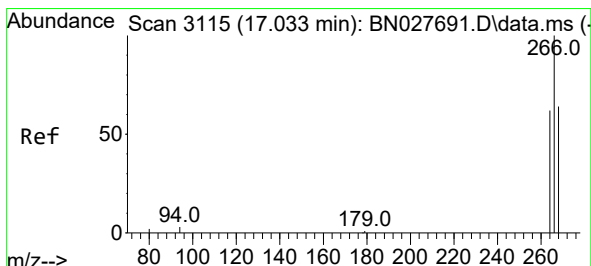
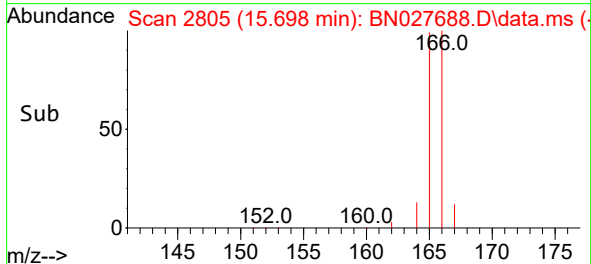
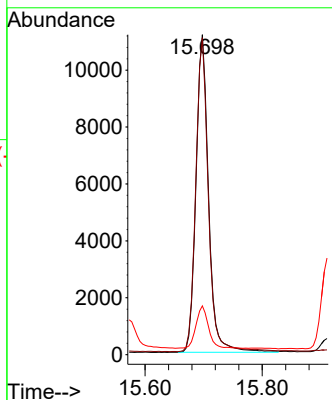
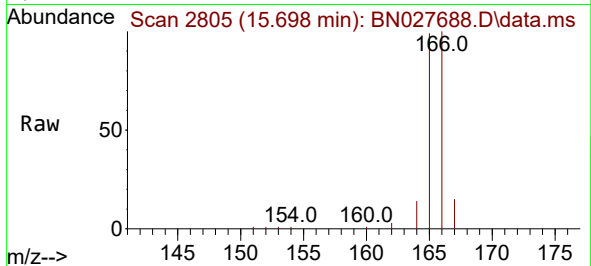




#12
 Fluorene
 Concen: 0.406 ng/ul
 RT: 15.698 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027688.D
 Acq: 15 Sep 2023 10:21

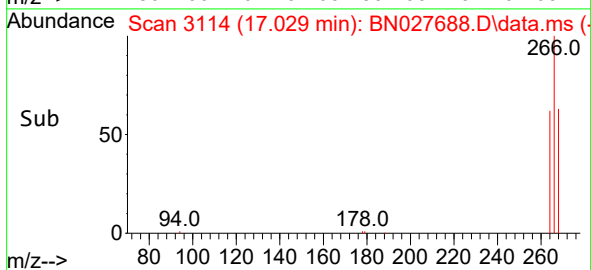
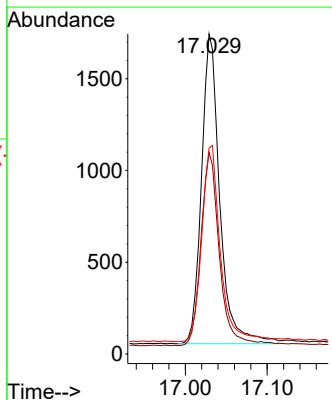
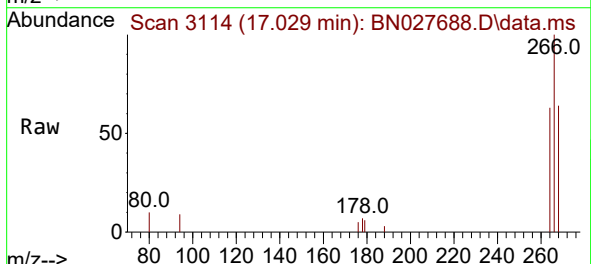
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4263

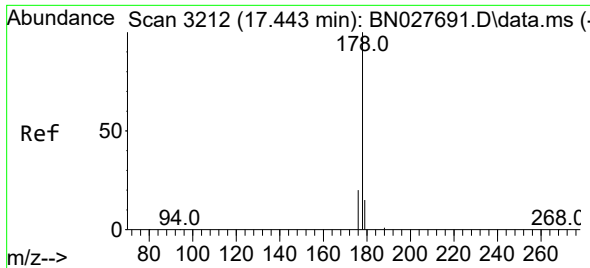
Tgt Ion:166 Resp: 16705
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.0 117.0
 167 15.3 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.606 ng/ul
 RT: 17.029 min Scan# 3114
 Delta R.T. -0.005 min
 Lab File: BN027688.D
 Acq: 15 Sep 2023 10:21

Tgt Ion:266 Resp: 2619
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.6 74.4
 268 64.1 50.7 76.1

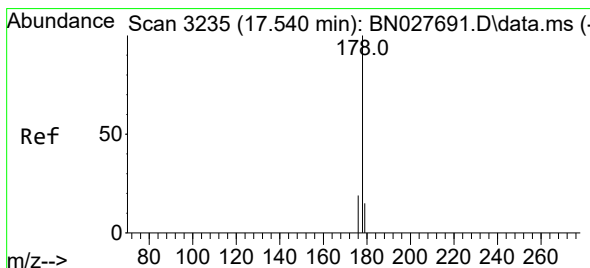
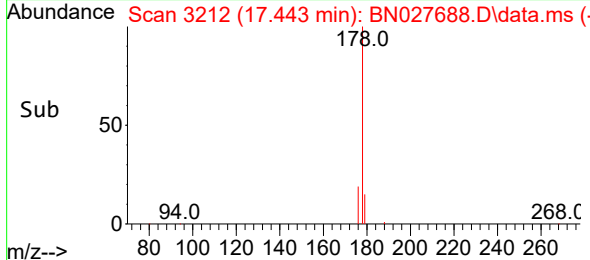
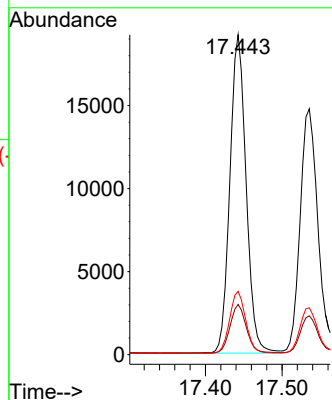
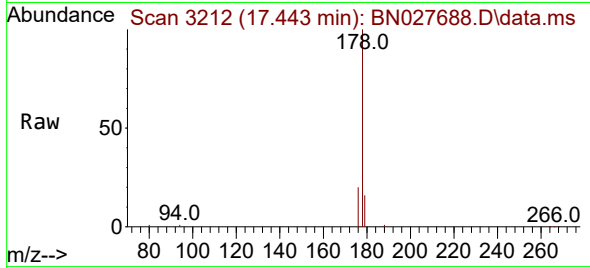




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. -0.000 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

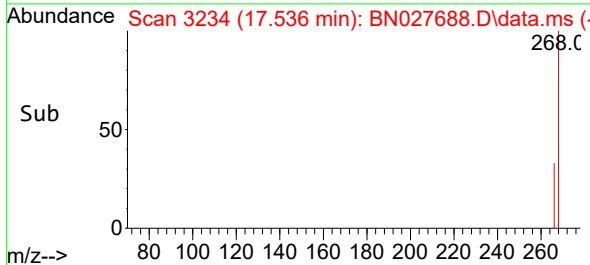
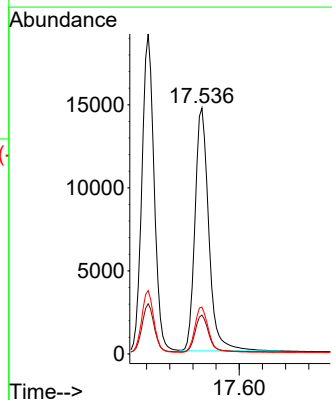
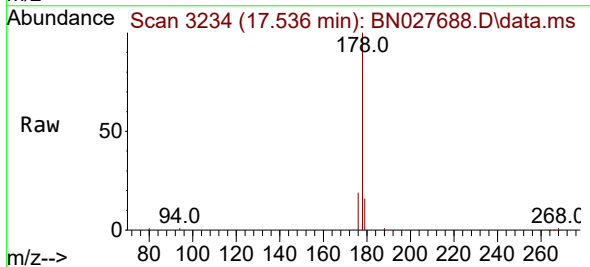
Instrument :
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ClientSampleId :
SSTD0.4263

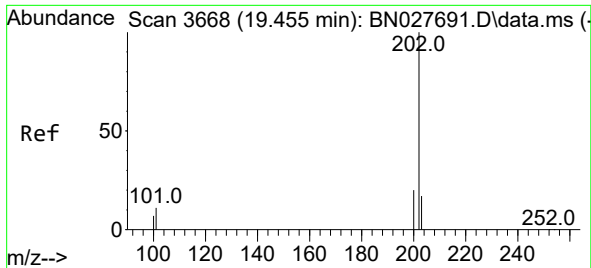
Tgt Ion:178	Resp:	28178
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	19.8	16.0 24.0



#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.536 min Scan# 3234
Delta R.T. -0.005 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

Tgt Ion:178	Resp:	24228
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 19.0
176	19.1	15.5 23.3

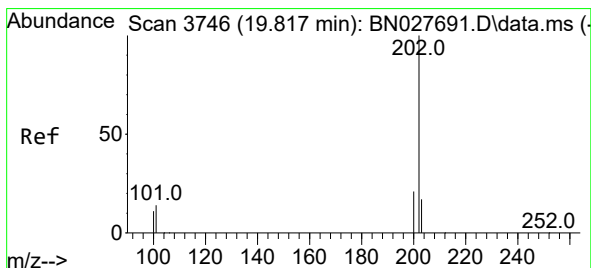
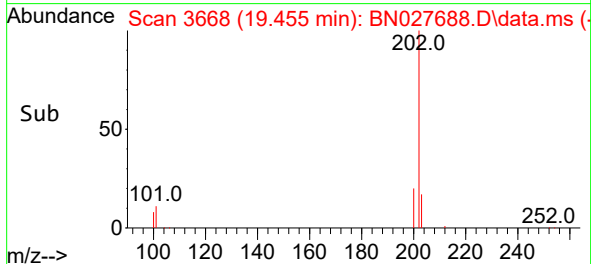
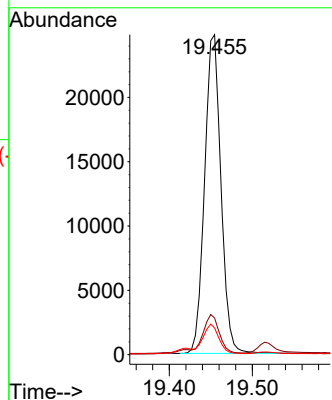
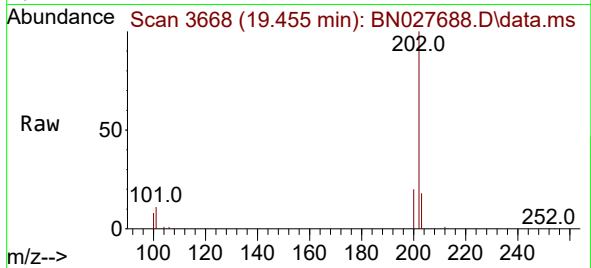




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.455 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

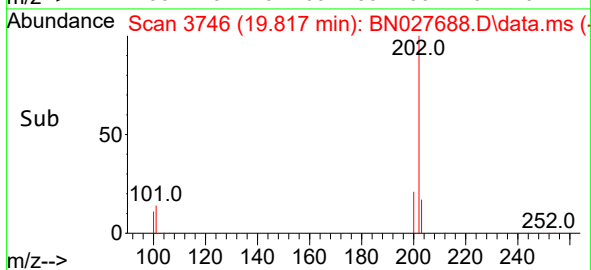
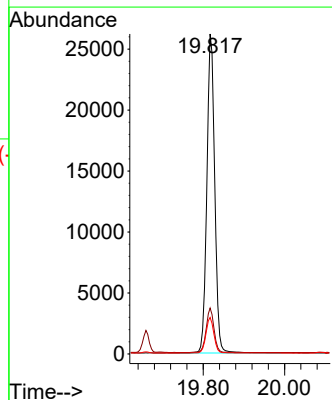
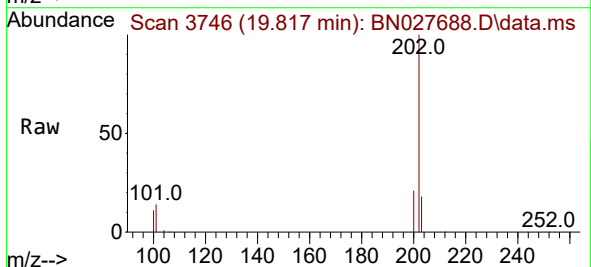
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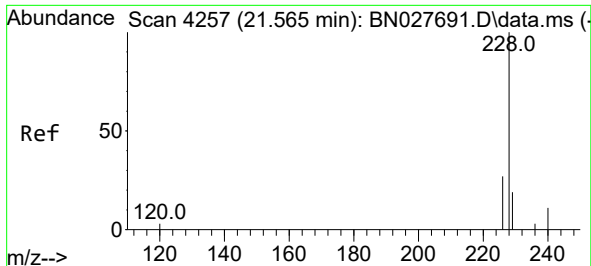
Tgt Ion:202 Resp: 34029
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.3 7.0 10.4



#20
Pyrene
Concen: 0.405 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

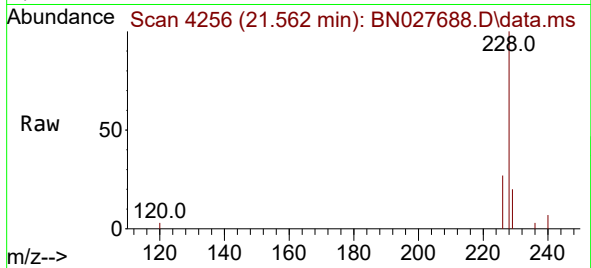
Tgt Ion:202 Resp: 35148
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.4 9.1 13.7



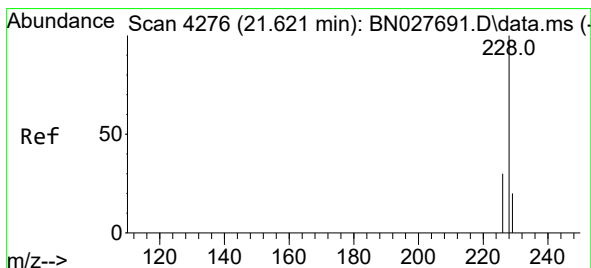
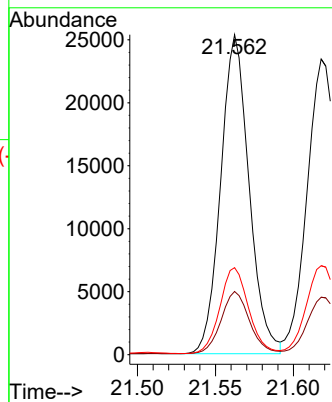
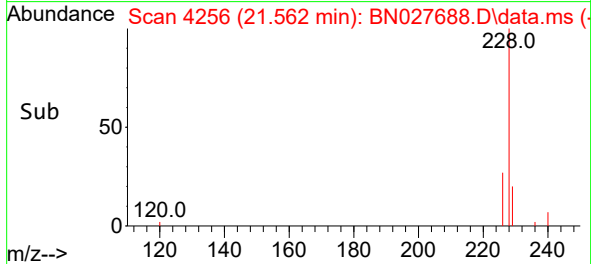


#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

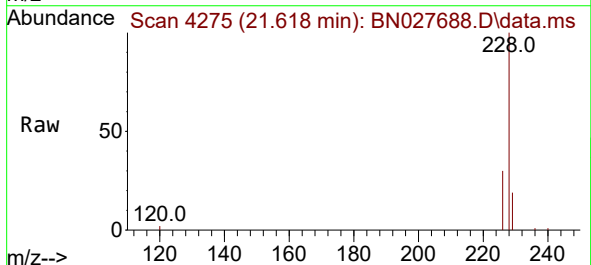
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263



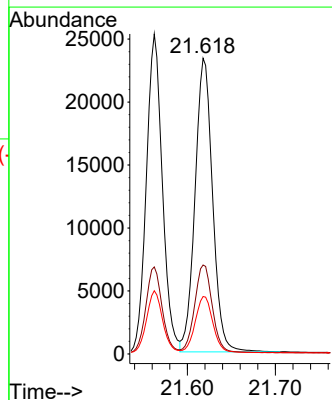
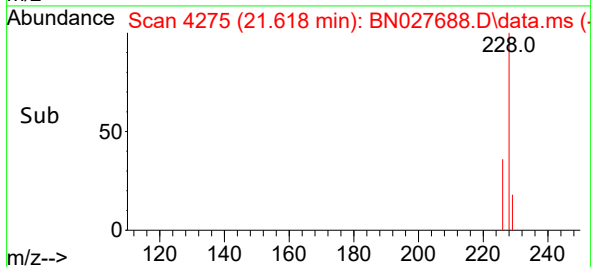
Tgt Ion:228 Resp: 32068
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.2 22.0 33.0

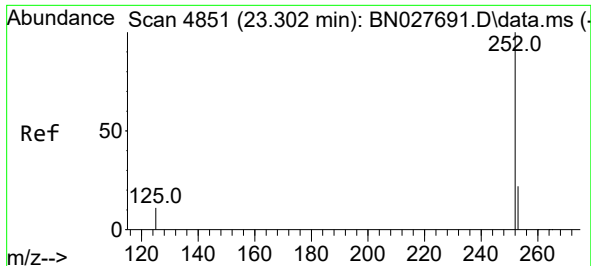


#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21



Tgt Ion:228 Resp: 32341
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.4 16.0 24.0

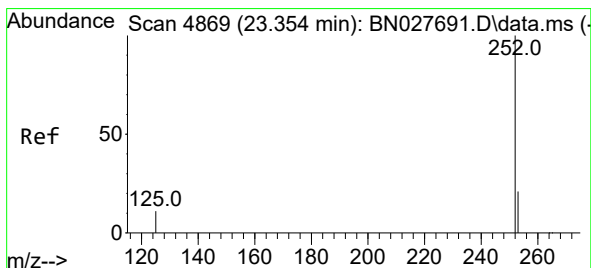
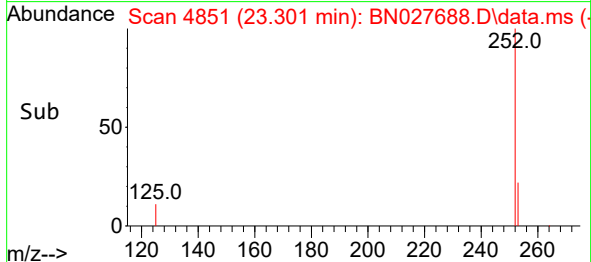
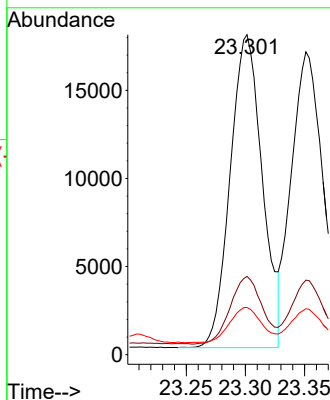
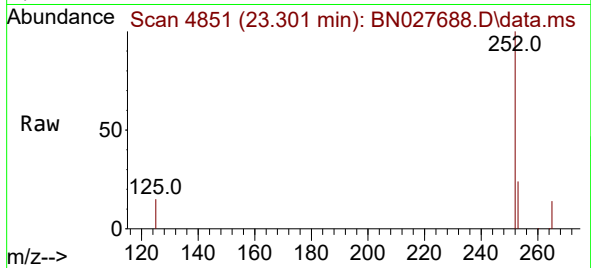




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.301 min Scan# 4851
Delta R.T. -0.000 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

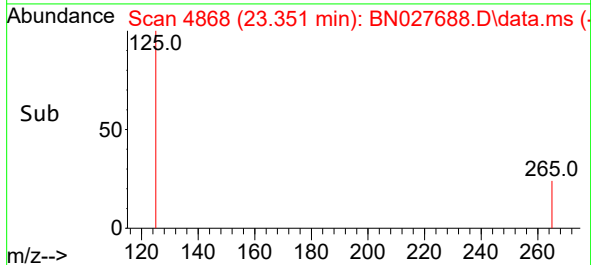
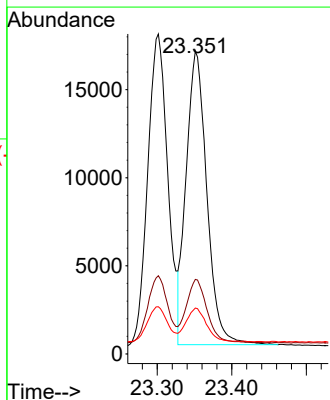
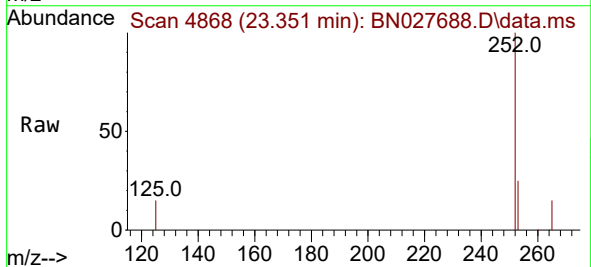
Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

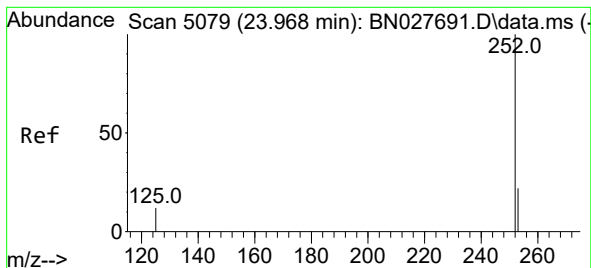
Tgt Ion:	252	Resp:	33538
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	50.2
125	14.7	0.0	31.4



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

Tgt Ion:	252	Resp:	32204
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.9	29.9
125	15.2	12.6	19.0





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.962 min Scan# 5079

Delta R.T. -0.006 min

Lab File: BN027688.D

Acq: 15 Sep 2023 10:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.4263

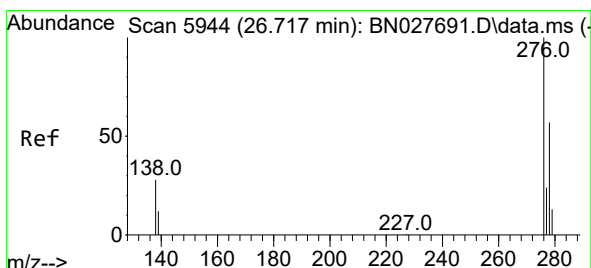
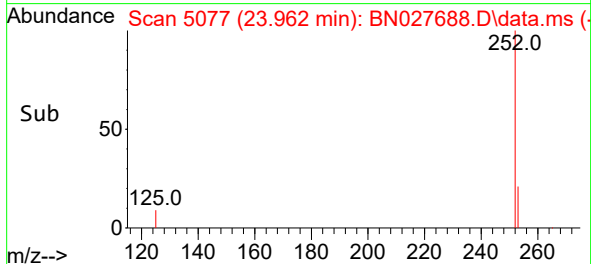
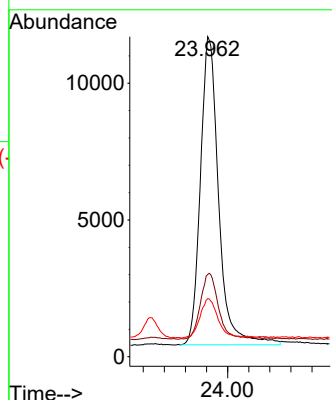
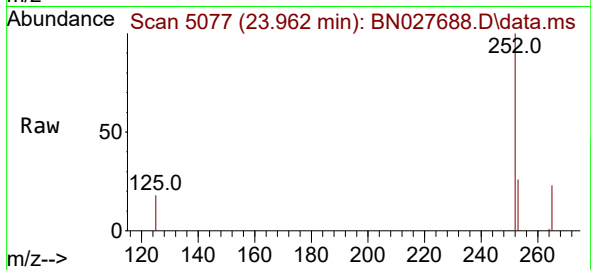
Tgt Ion:252 Resp: 27010

Ion Ratio Lower Upper

252 100

253 25.7 21.9 32.9

125 18.1 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.449 ng/ul

RT: 26.703 min Scan# 5940

Delta R.T. -0.014 min

Lab File: BN027688.D

Acq: 15 Sep 2023 10:21

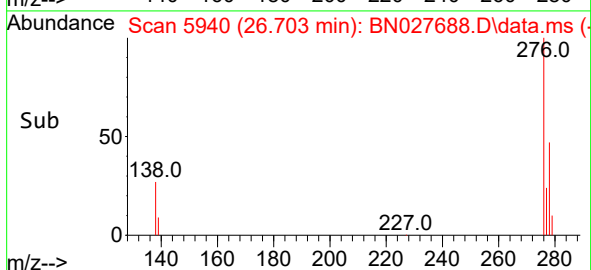
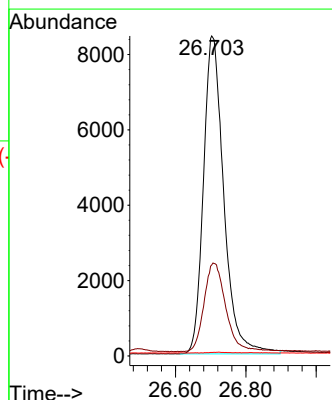
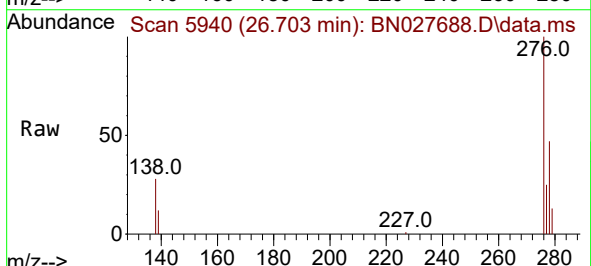
Tgt Ion:276 Resp: 33887

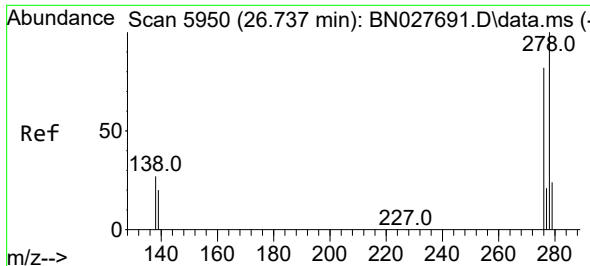
Ion Ratio Lower Upper

276 100

138 29.9 24.3 36.5

227 0.0 0.0 0.0

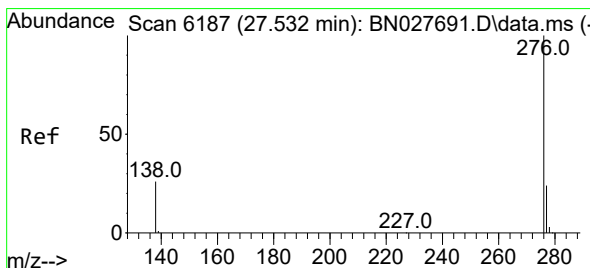
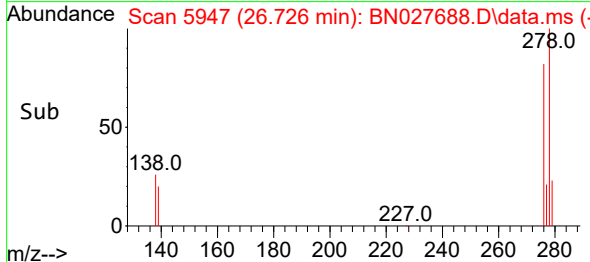
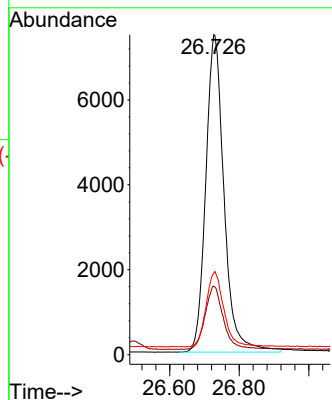
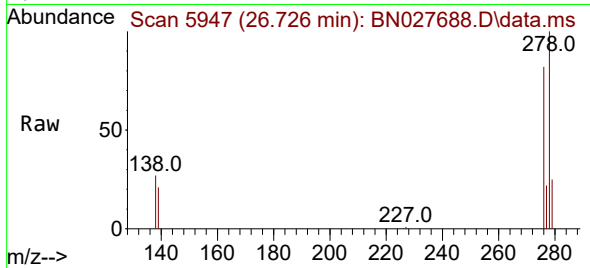




#28
Dibenzo(a,h)anthracene
Concen: 0.467 ng/ul
RT: 26.726 min Scan# 5947
Delta R.T. -0.010 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4263

Tgt Ion:278 Resp: 27311
Ion Ratio Lower Upper
278 100
139 21.4 17.2 25.8
279 25.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 27.528 min Scan# 6186
Delta R.T. -0.004 min
Lab File: BN027688.D
Acq: 15 Sep 2023 10:21

Tgt Ion:276 Resp: 28750
Ion Ratio Lower Upper
276 100
138 26.7 21.7 32.5
277 24.3 20.2 30.2

