

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027690.D
 Acq On : 15 Sep 2023 11:35
 Operator : MA/JU
 Sample : SST0.232
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2203

Quant Time: Sep 16 01:01:39 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)

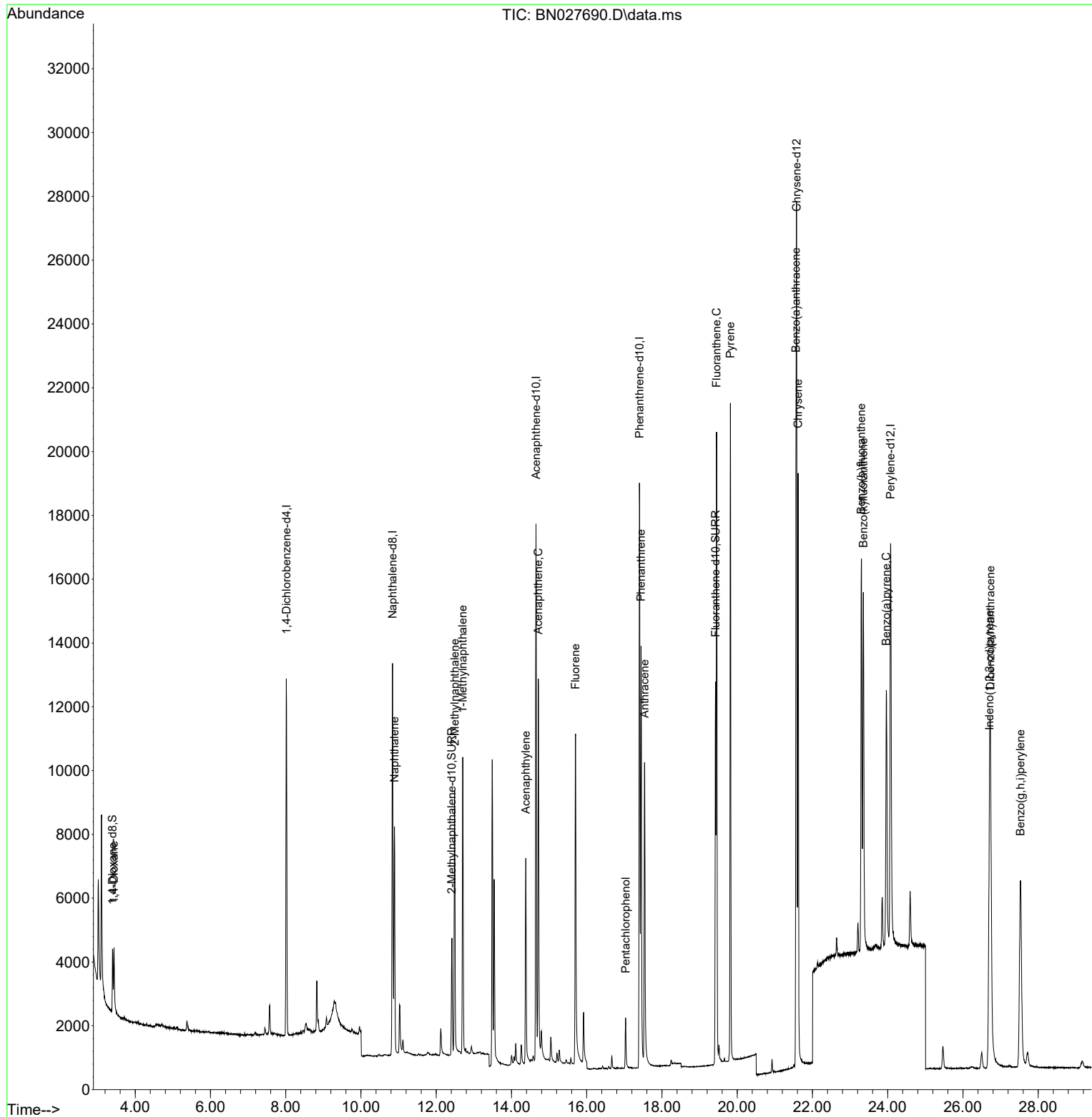
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	5804	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	17419	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	9829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	23876	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	21295	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	20236	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	1422	0.191	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	5156	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	13235	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	1422	0.183	ng/ul#	78
5) Naphthalene	10.889	128	9987	0.202	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	6187	0.200	ng/ul	100
8) 1-Methylnaphthalene	12.704	142	6457	0.197	ng/ul	100
10) Acenaphthylene	14.379	152	8537	0.195	ng/ul	99
11) Acenaphthene	14.712	153	7390	0.196	ng/ul	99
12) Fluorene	15.702	166	8610	0.202	ng/ul	99
14) Pentachlorophenol	17.033	266	1140	0.239	ng/ul	98
15) Phenanthrene	17.443	178	15023	0.198	ng/ul	99
16) Anthracene	17.540	178	12446	0.204	ng/ul	99
19) Fluoranthene	19.450	202	17306	0.185	ng/ul	96
20) Pyrene	19.817	202	18045	0.188	ng/ul	98
21) Benzo(a)anthracene	21.562	228	16632	0.216	ng/ul	99
22) Chrysene	21.618	228	17214	0.197	ng/ul	100
24) Benzo(b)fluoranthene	23.299	252	17686	0.191	ng/ul	96
25) Benzo(k)fluoranthene	23.351	252	16790	0.185	ng/ul	95
26) Benzo(a)pyrene	23.962	252	14237	0.195	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.703	276	18191	0.219	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.730	278	14575	0.226	ng/ul	97
29) Benzo(g,h,i)perylene	27.528	276	15613	0.210	ng/ul	100

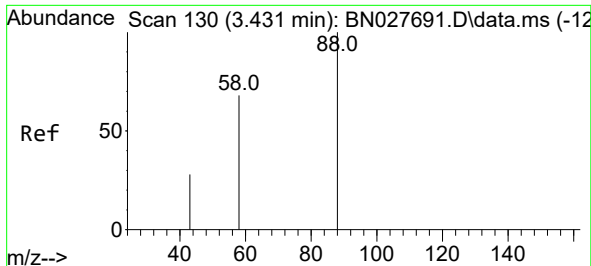
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
Data File : BN027690.D
Acq On : 15 Sep 2023 11:35
Operator : MA/JU
Sample : SST0.232
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

Quant Time: Sep 16 01:01:39 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

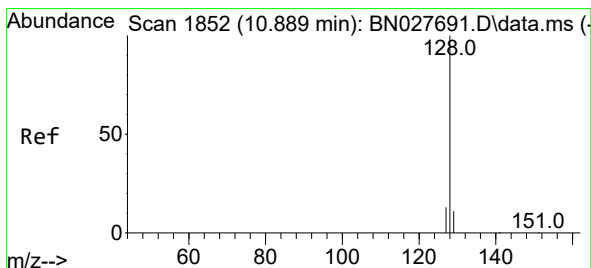
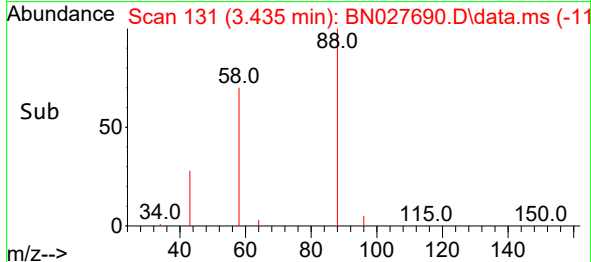
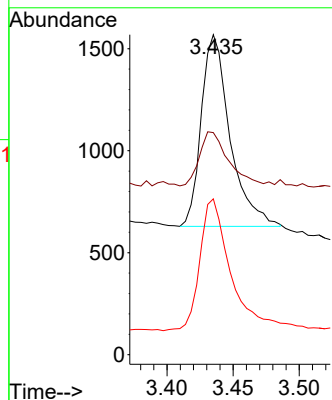
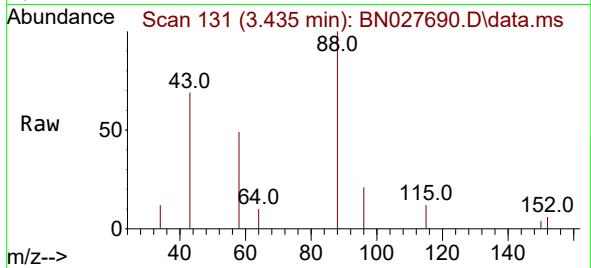




#2
1,4-Dioxane
Concen: 0.183 ng/ul
RT: 3.435 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

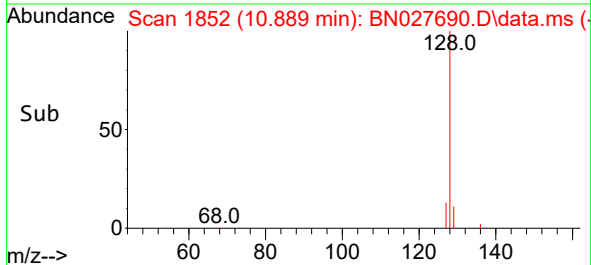
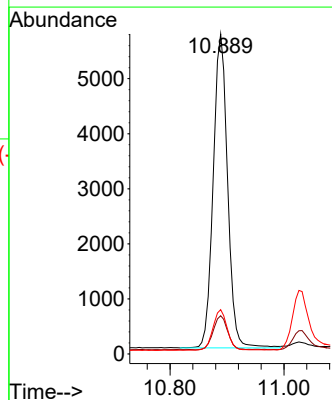
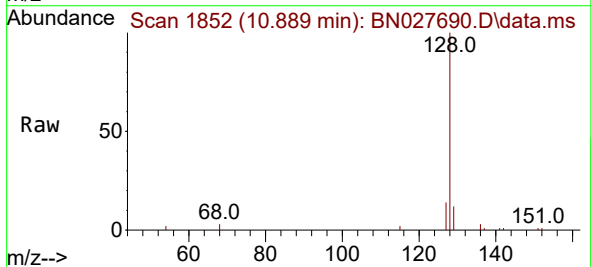
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

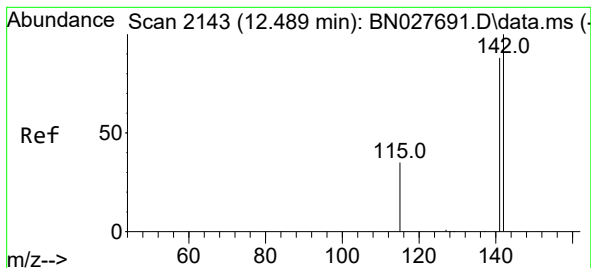
Tgt Ion: 88 Resp: 1422
Ion Ratio Lower Upper
88 100
43 69.4 39.6 59.4#
58 48.7 48.3 72.5



#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:128 Resp: 9987
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 13.8 10.7 16.1

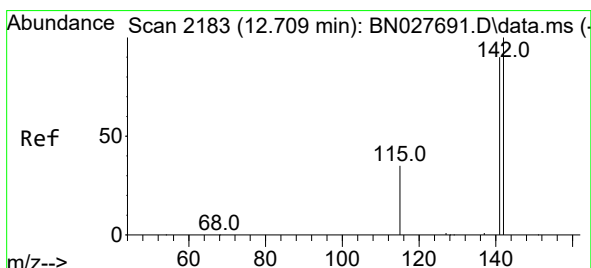
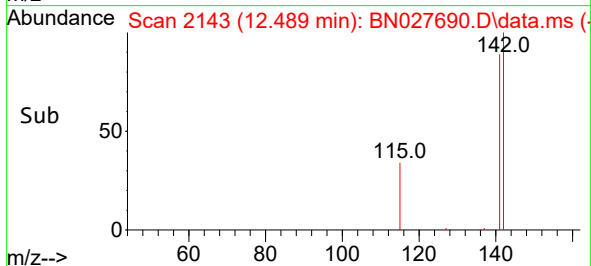
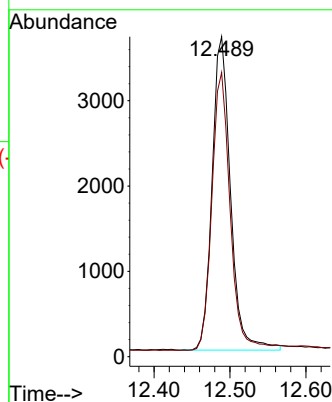
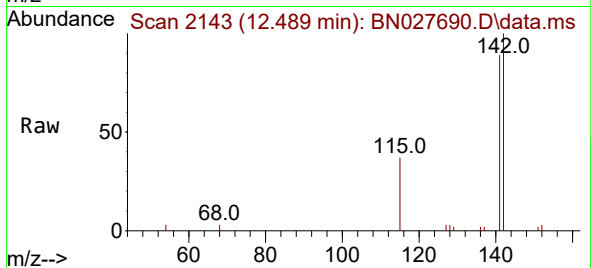




#7
2-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

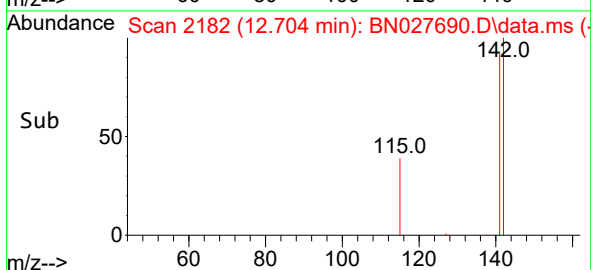
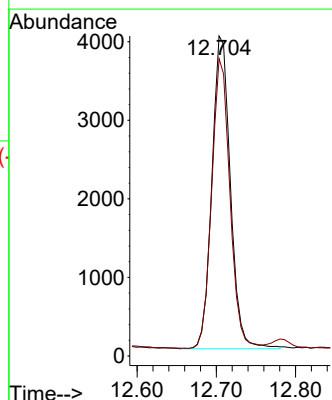
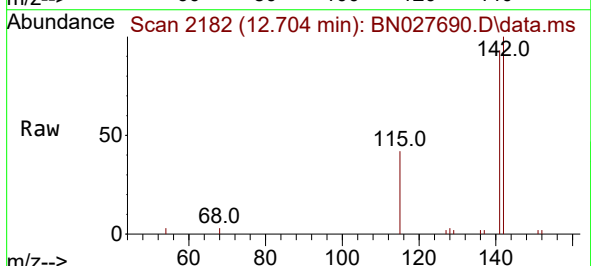
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

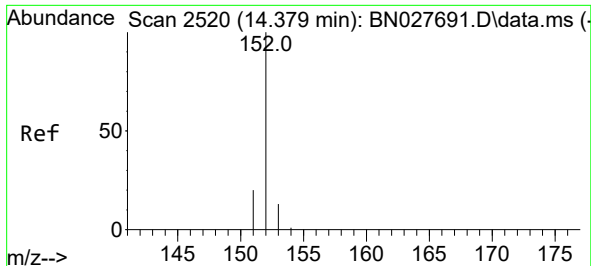
Tgt Ion:142 Resp: 6187
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.704 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:142 Resp: 6457
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2

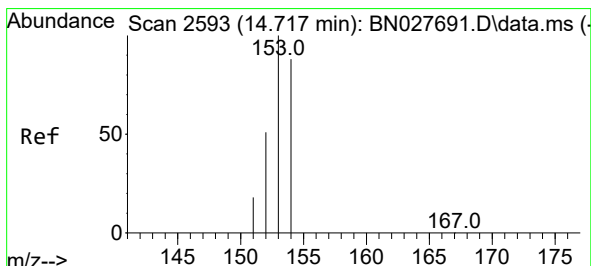
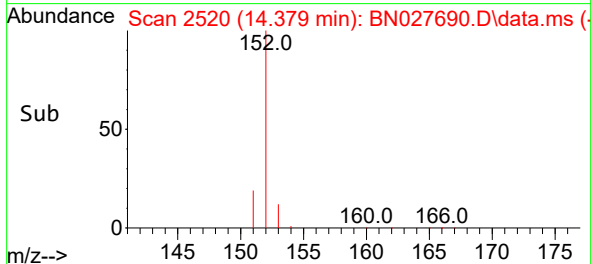
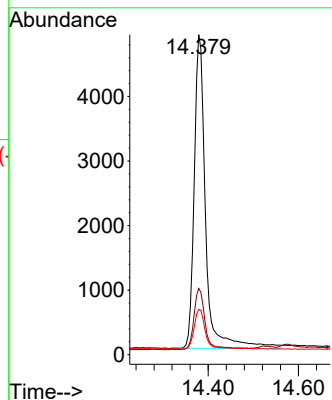
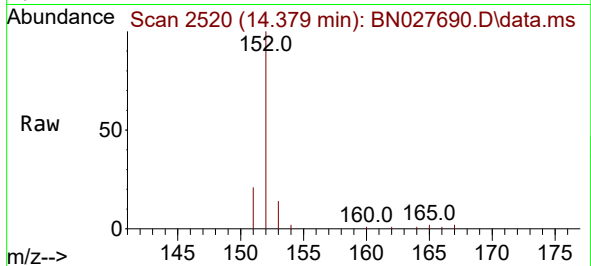




#10
Acenaphthylene
Concen: 0.195 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

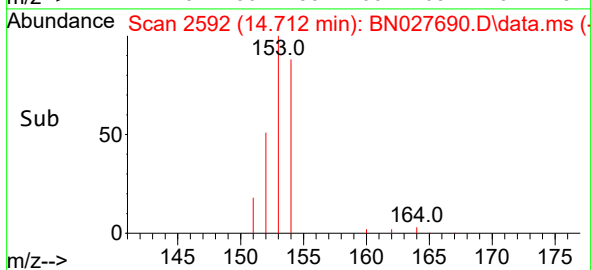
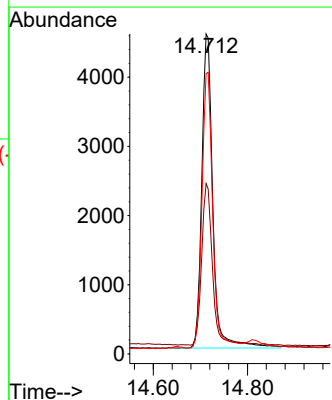
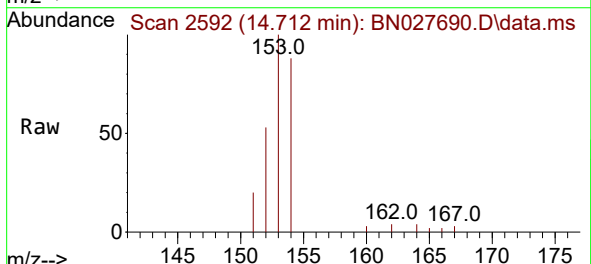
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

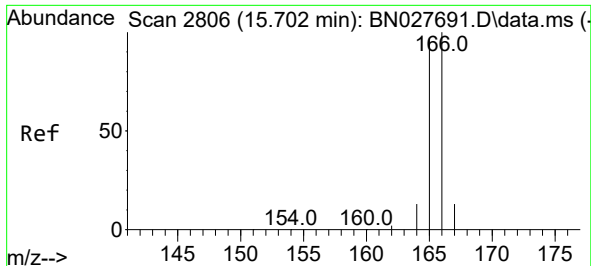
Tgt Ion:152 Resp: 8537
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 14.2 11.0 16.6



#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:153 Resp: 7390
Ion Ratio Lower Upper
153 100
152 53.2 41.7 62.5
154 87.7 70.3 105.5

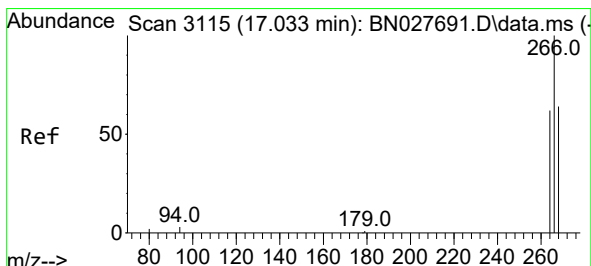
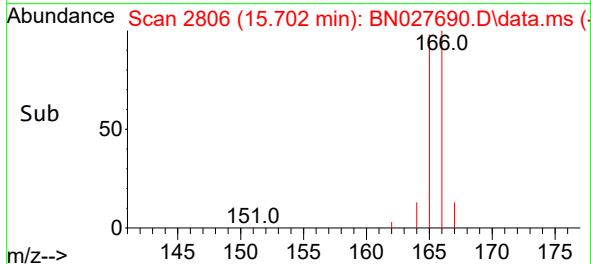
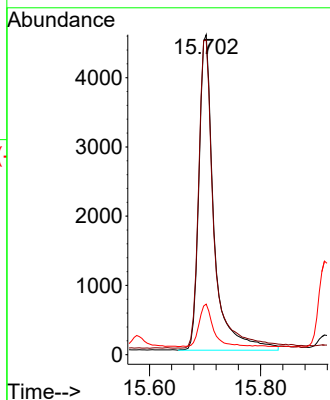
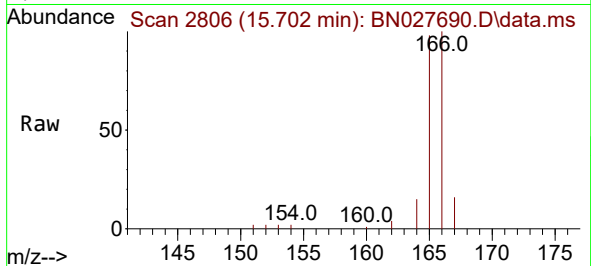




#12
Fluorene
Concen: 0.202 ng/ul
RT: 15.702 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

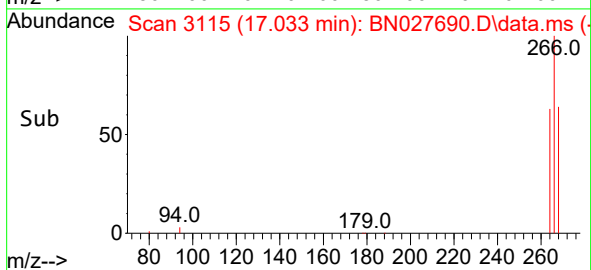
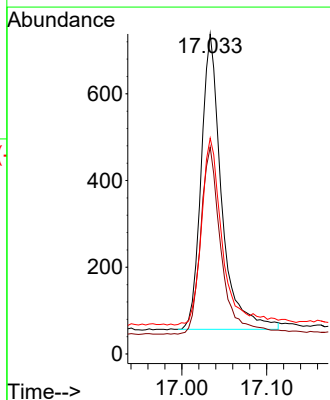
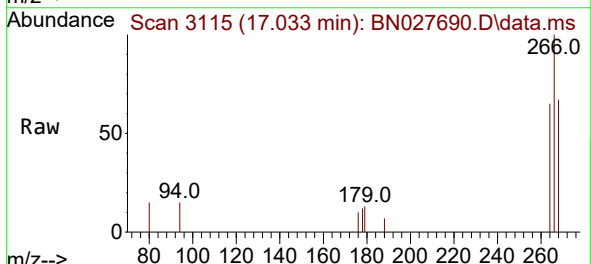
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

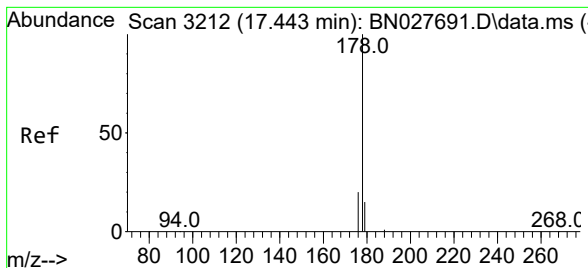
Tgt Ion:166 Resp: 8610
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 15.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.239 ng/ul
RT: 17.033 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:266 Resp: 1140
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 64.8 50.7 76.1





#15

Phenanthrene

Concen: 0.198 ng/ul

RT: 17.443 min Scan# 3212

Delta R.T. -0.000 min

Lab File: BN027690.D

Acq: 15 Sep 2023 11:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.2203

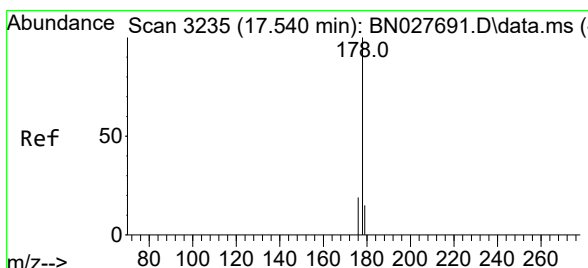
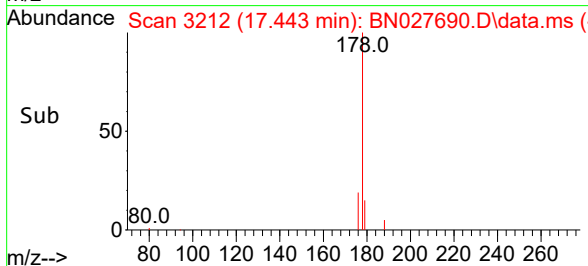
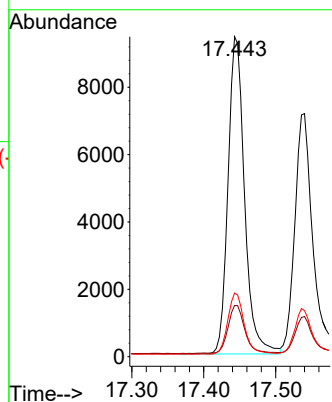
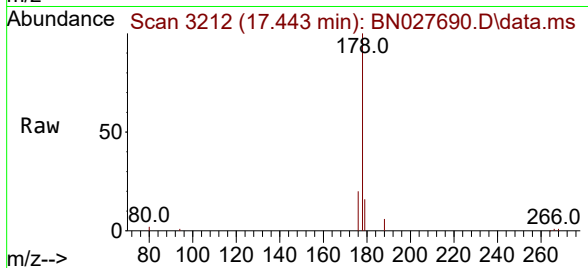
Tgt Ion:178 Resp: 15023

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.9 16.0 24.0



#16

Anthracene

Concen: 0.204 ng/ul

RT: 17.540 min Scan# 3235

Delta R.T. -0.000 min

Lab File: BN027690.D

Acq: 15 Sep 2023 11:35

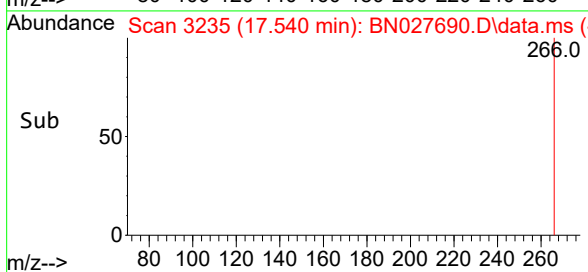
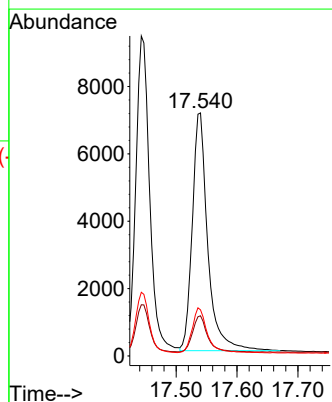
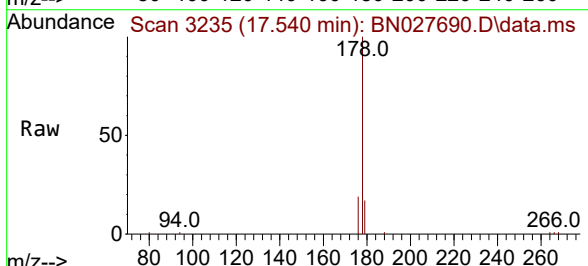
Tgt Ion:178 Resp: 12446

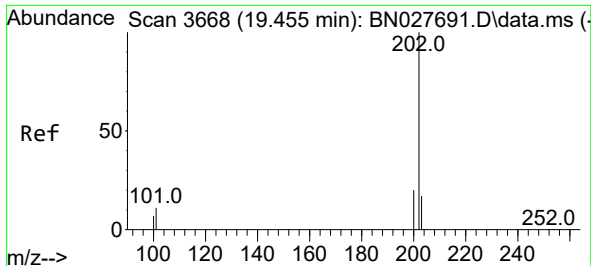
Ion Ratio Lower Upper

178 100

179 16.5 12.6 19.0

176 19.0 15.5 23.3

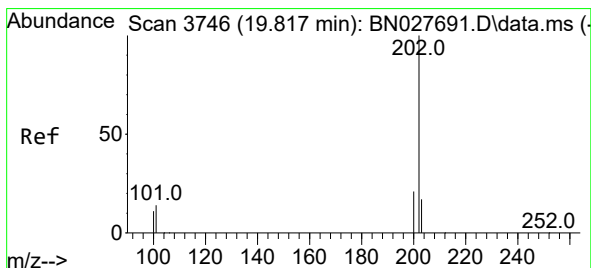
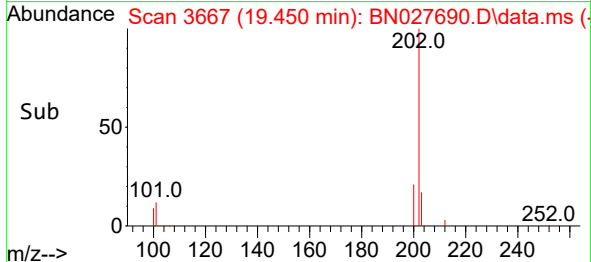
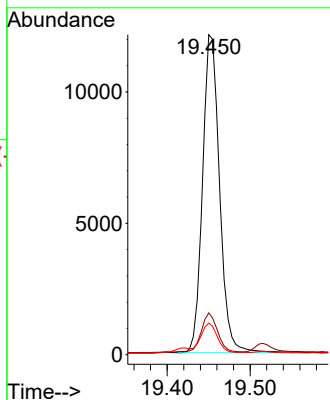
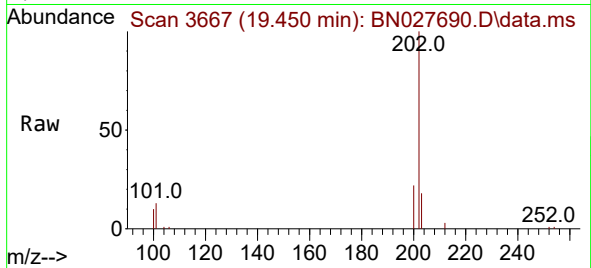




#19
Fluoranthene
Concen: 0.185 ng/ul
RT: 19.450 min Scan# 3667
Delta R.T. -0.005 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

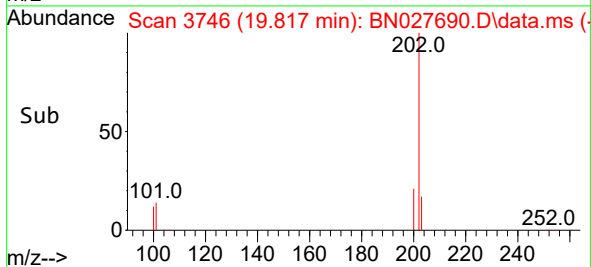
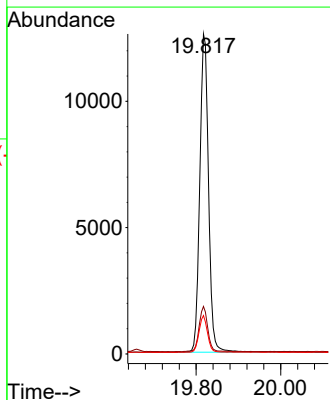
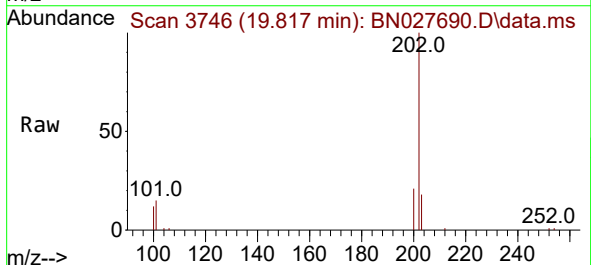
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

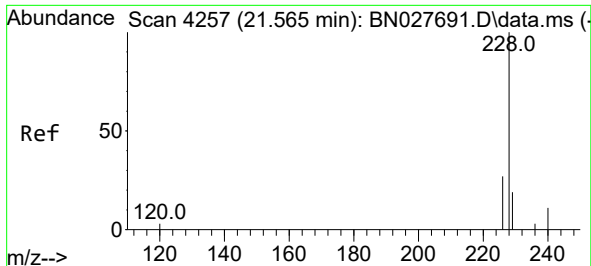
Tgt Ion:202 Resp: 17306
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 9.9 7.0 10.4



#20
Pyrene
Concen: 0.188 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:202 Resp: 18045
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 12.0 9.1 13.7

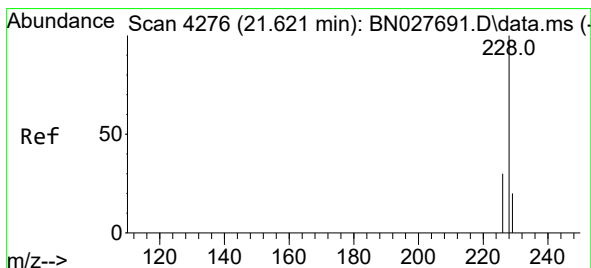
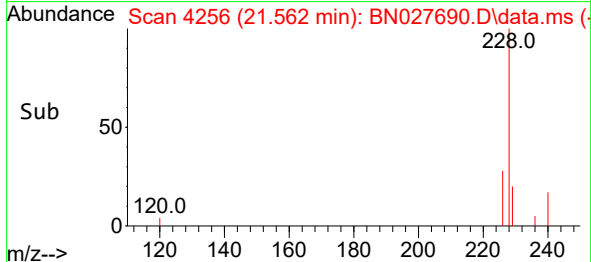
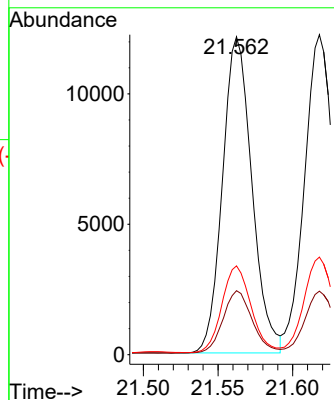
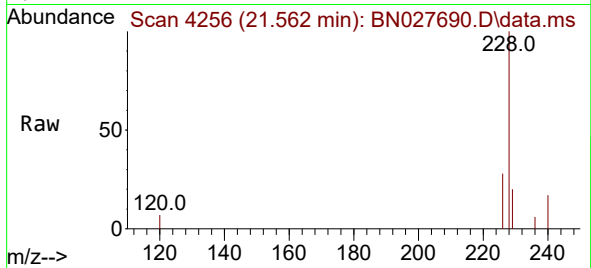




#21
Benzo(a)anthracene
Concen: 0.216 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

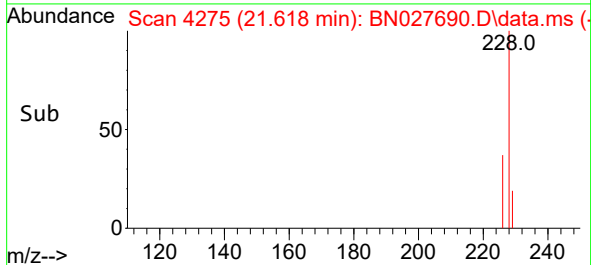
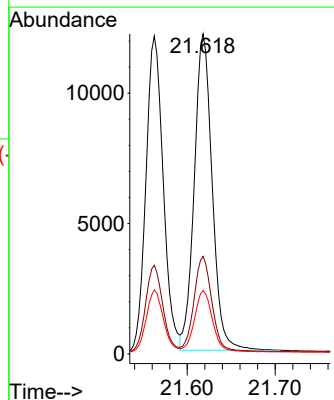
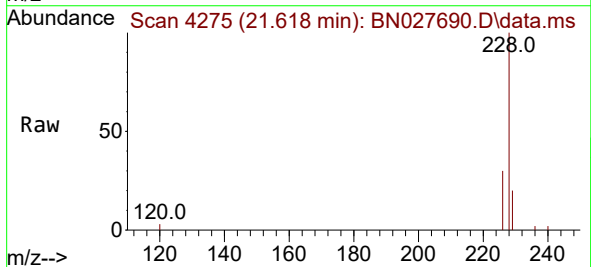
Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

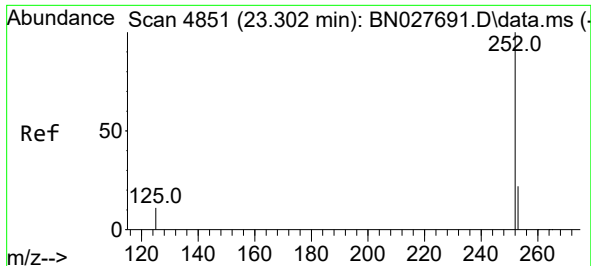
Tgt Ion:228 Resp: 16632
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.197 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

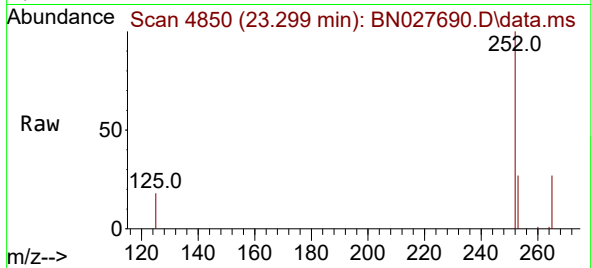
Tgt Ion:228 Resp: 17214
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.8 16.0 24.0



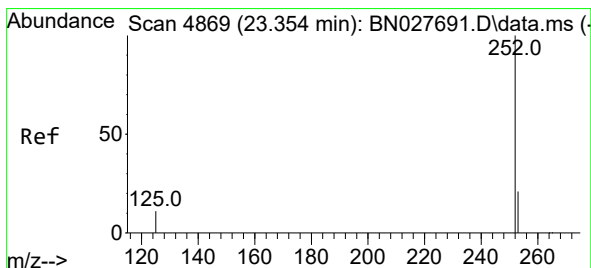
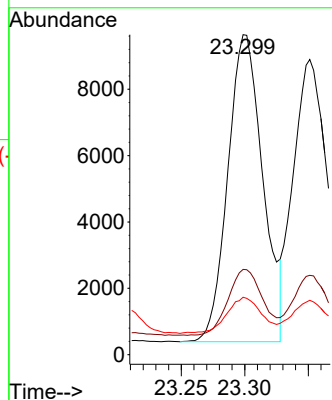


#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul
RT: 23.299 min Scan# 4850
Delta R.T. -0.003 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

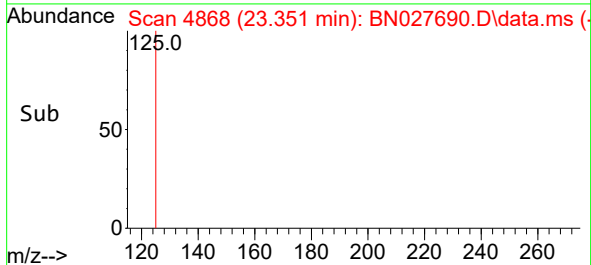
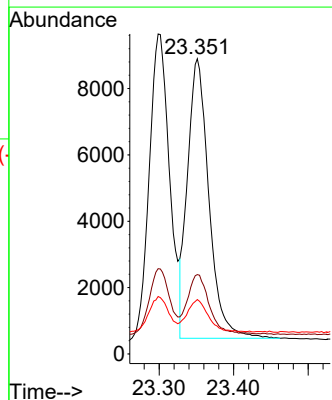
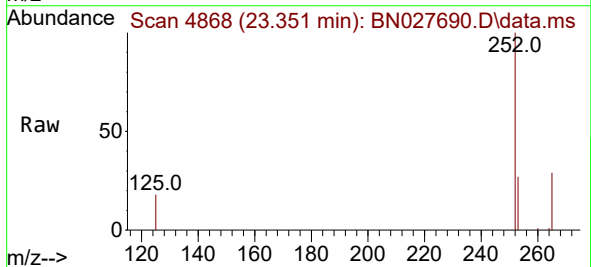


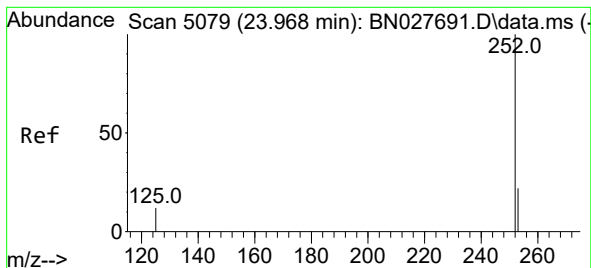
Tgt Ion:252 Resp: 17686
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.2
125 17.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:252 Resp: 16790
Ion Ratio Lower Upper
252 100
253 26.9 19.9 29.9
125 18.4 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.195 ng/ul

RT: 23.962 min Scan# 5079

Delta R.T. -0.006 min

Lab File: BN027690.D

Acq: 15 Sep 2023 11:35

Instrument :

BNA_N

ClientSampleId :

SSTD0.2203

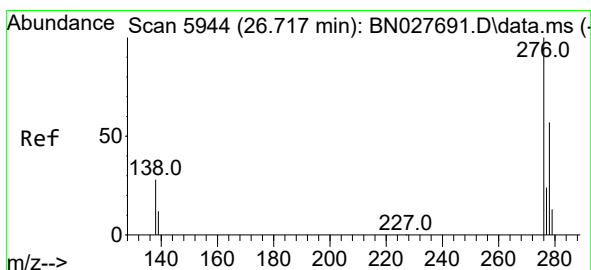
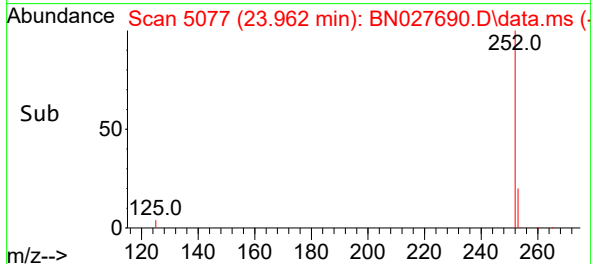
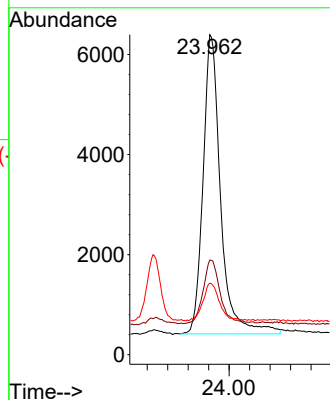
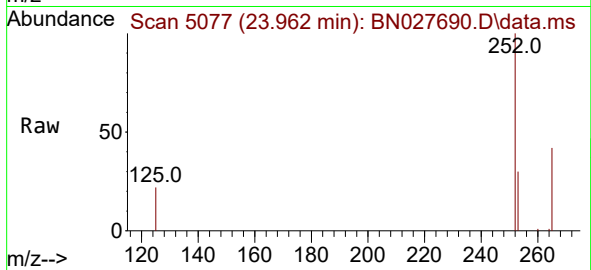
Tgt Ion:252 Resp: 14237

Ion Ratio Lower Upper

252 100

253 29.5 21.9 32.9

125 22.4 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.219 ng/ul

RT: 26.703 min Scan# 5940

Delta R.T. -0.014 min

Lab File: BN027690.D

Acq: 15 Sep 2023 11:35

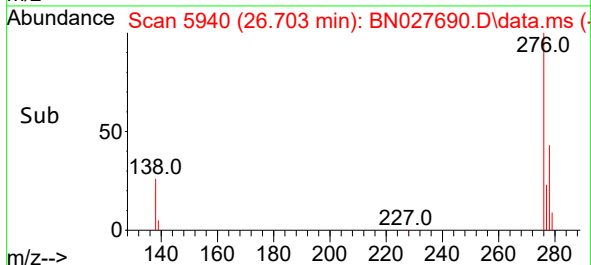
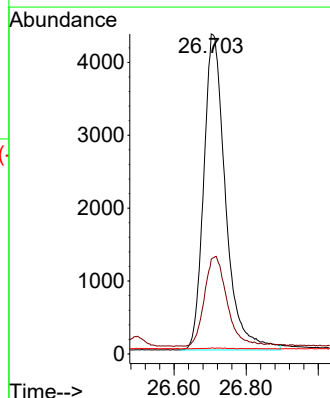
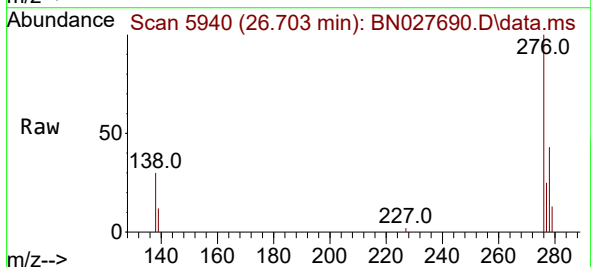
Tgt Ion:276 Resp: 18191

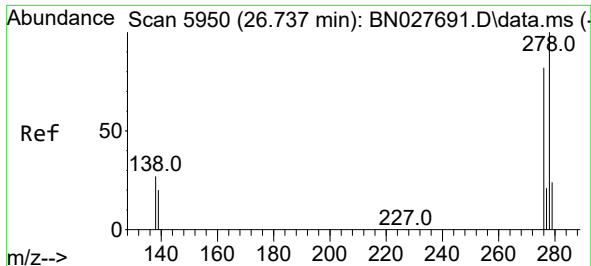
Ion Ratio Lower Upper

276 100

138 0.0 24.3 36.5#

227 0.1 0.0 0.0#

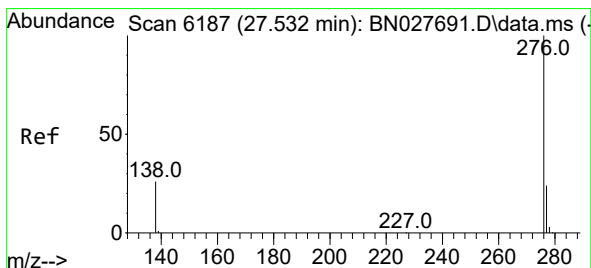
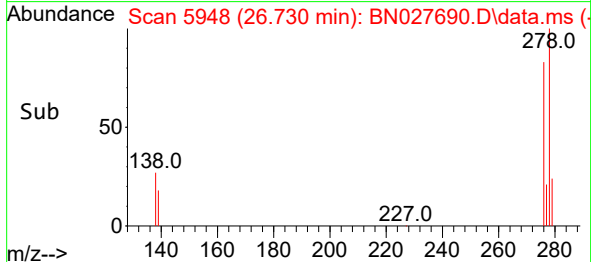
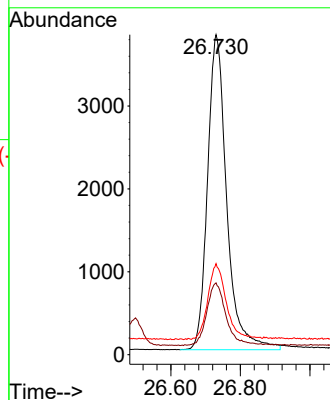
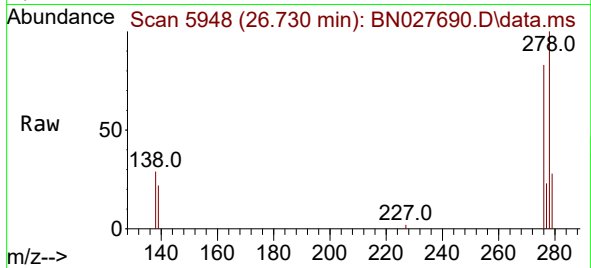




#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 26.730 min Scan# 5948
Delta R.T. -0.007 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Instrument :
BNA_N
ClientSampleId :
SSTD0.2203

Tgt Ion:278 Resp: 14575
Ion Ratio Lower Upper
278 100
139 22.4 17.2 25.8
279 28.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.210 ng/ul
RT: 27.528 min Scan# 6186
Delta R.T. -0.003 min
Lab File: BN027690.D
Acq: 15 Sep 2023 11:35

Tgt Ion:276 Resp: 15613
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 25.4 20.2 30.2

