

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027689.D
 Acq On : 15 Sep 2023 10:59
 Operator : MA/JU
 Sample : SSTD0.131
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1202

Quant Time: Sep 16 01:01:27 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)

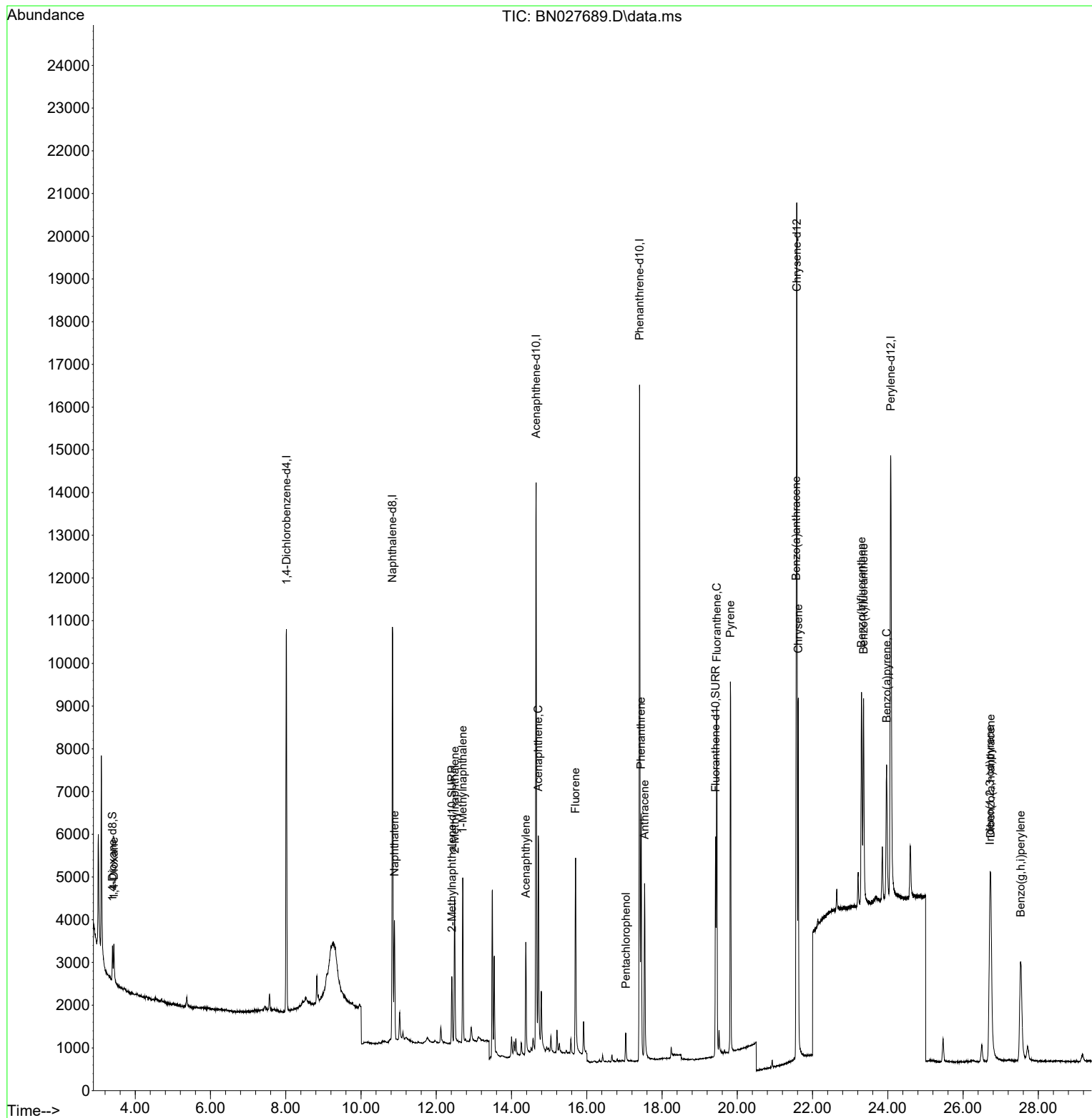
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	4543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	13778	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	8066	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	19642	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	17739	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	16886	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	602	0.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	2129	0.104	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	5595	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	717	0.118	ng/ul#	46
5) Naphthalene	10.889	128	3970	0.102	ng/ul	95
7) 2-Methylnaphthalene	12.489	142	2538	0.104	ng/ul	100
8) 1-Methylnaphthalene	12.704	142	2627	0.101	ng/ul	100
10) Acenaphthylene	14.379	152	3584	0.100	ng/ul	96
11) Acenaphthene	14.712	153	3073	0.099	ng/ul	97
12) Fluorene	15.702	166	3622	0.103	ng/ul#	97
14) Pentachlorophenol	17.038	266	504	0.128	ng/ul	97
15) Phenanthrene	17.443	178	6249	0.100	ng/ul	97
16) Anthracene	17.536	178	5060	0.101	ng/ul	96
19) Fluoranthene	19.455	202	7223	0.092	ng/ul	97
20) Pyrene	19.817	202	7643	0.096	ng/ul	97
21) Benzo(a)anthracene	21.565	228	6952	0.109	ng/ul	99
22) Chrysene	21.621	228	7259	0.100	ng/ul	98
24) Benzo(b)fluoranthene	23.302	252	7394	0.096	ng/ul	80
25) Benzo(k)fluoranthene	23.354	252	7153	0.095	ng/ul#	79
26) Benzo(a)pyrene	23.968	252	6033	0.099	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.713	276	7640	0.110	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.737	278	6103	0.114	ng/ul#	87
29) Benzo(g,h,i)perylene	27.528	276	6651	0.107	ng/ul	93

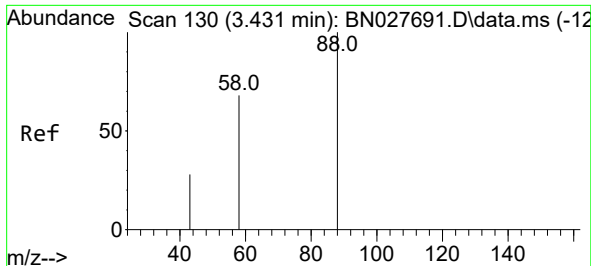
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
Data File : BN027689.D
Acq On : 15 Sep 2023 10:59
Operator : MA/JU
Sample : SST0.131
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Quant Time: Sep 16 01:01:27 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

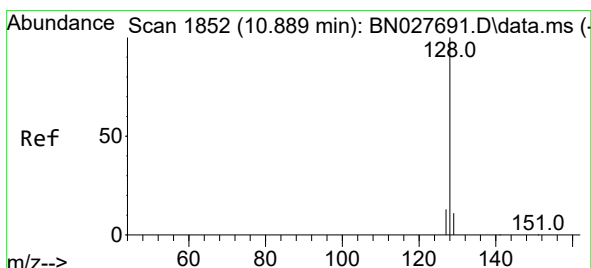
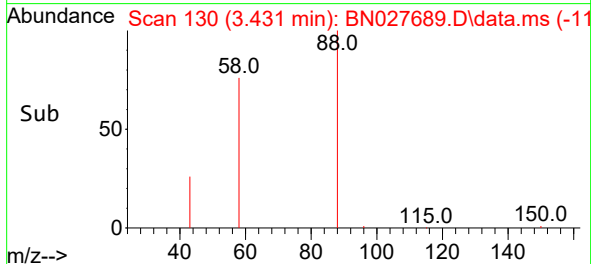
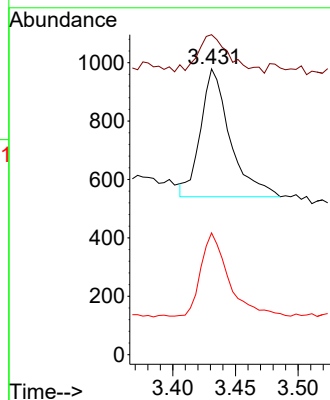
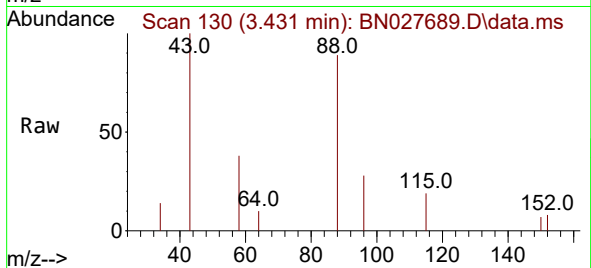




#2
1,4-Dioxane
Concen: 0.118 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

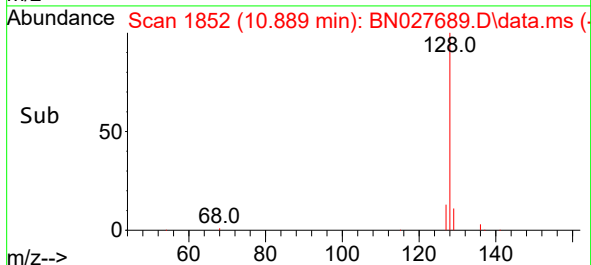
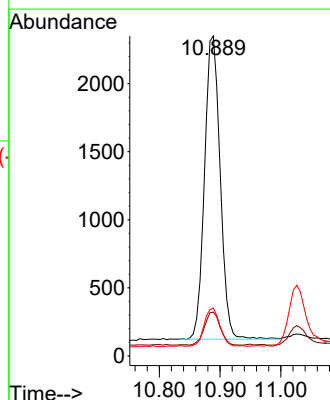
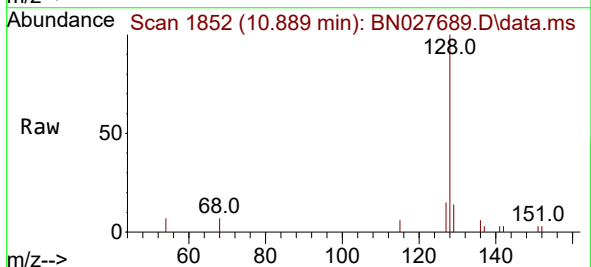
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

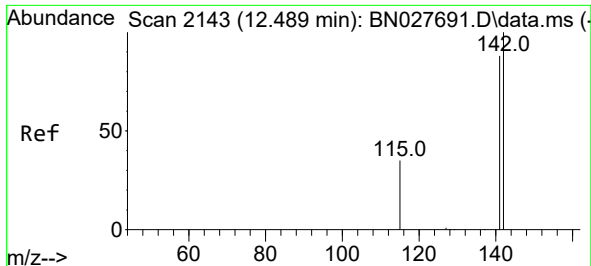
Tgt Ion: 88 Resp: 717
Ion Ratio Lower Upper
88 100
43 112.0 39.6 59.4#
58 42.6 48.3 72.5#



#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:128 Resp: 3970
Ion Ratio Lower Upper
128 100
129 13.7 9.3 13.9
127 15.0 10.7 16.1

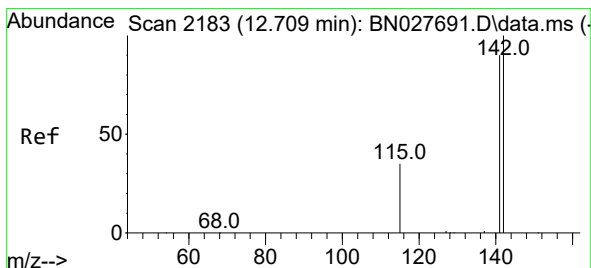
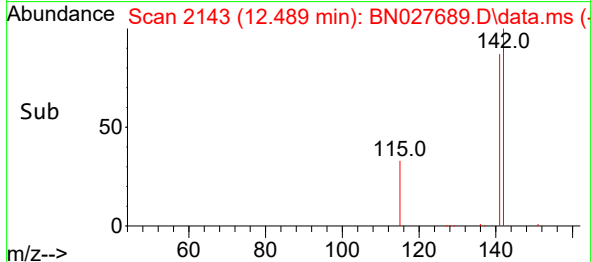
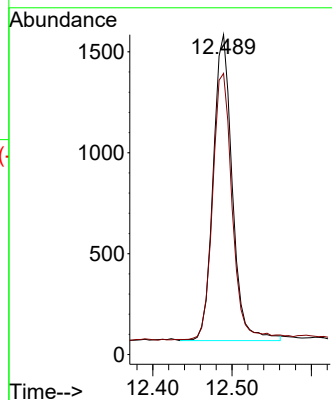
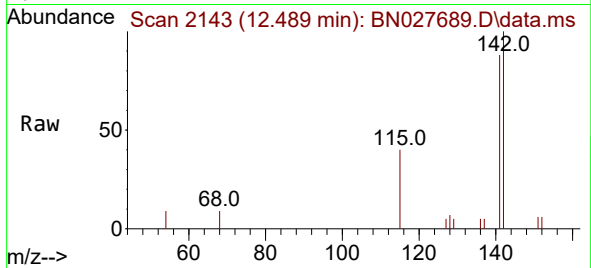




#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

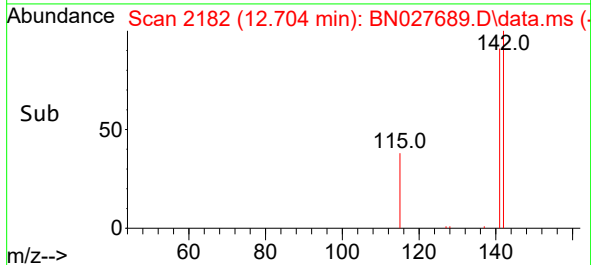
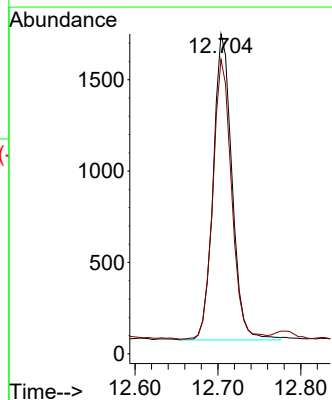
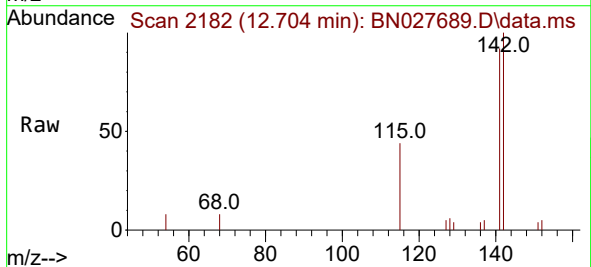
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

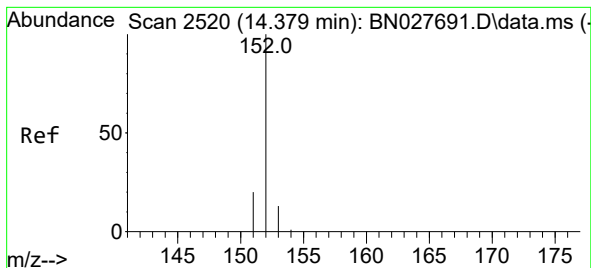
Tgt Ion:142 Resp: 2538
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.704 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:142 Resp: 2627
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2





#10

Acenaphthylene

Concen: 0.100 ng/ul

RT: 14.379 min Scan# 2520

Delta R.T. 0.000 min

Lab File: BN027689.D

Acq: 15 Sep 2023 10:59

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202

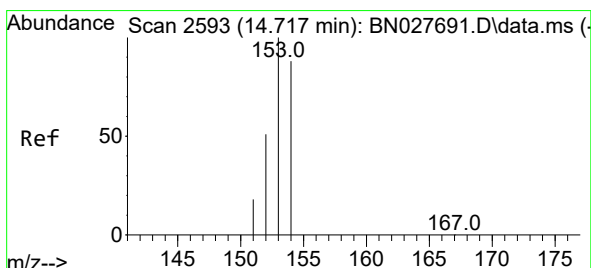
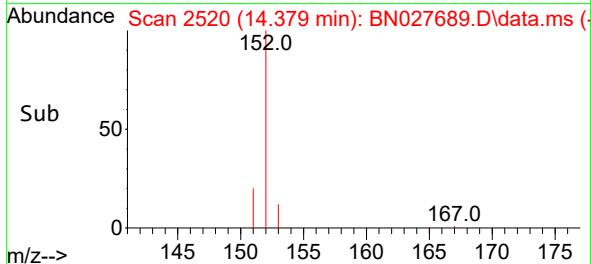
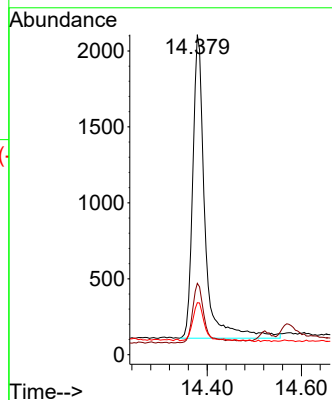
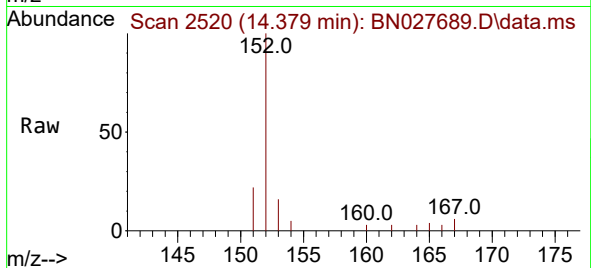
Tgt Ion:152 Resp: 3584

Ion Ratio Lower Upper

152 100

151 22.3 16.6 25.0

153 16.3 11.0 16.6



#11

Acenaphthene

Concen: 0.099 ng/ul

RT: 14.712 min Scan# 2592

Delta R.T. -0.005 min

Lab File: BN027689.D

Acq: 15 Sep 2023 10:59

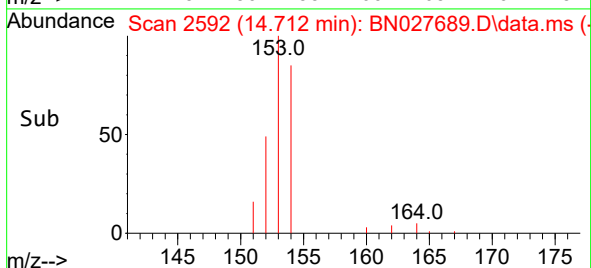
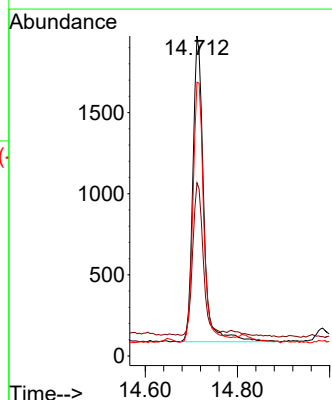
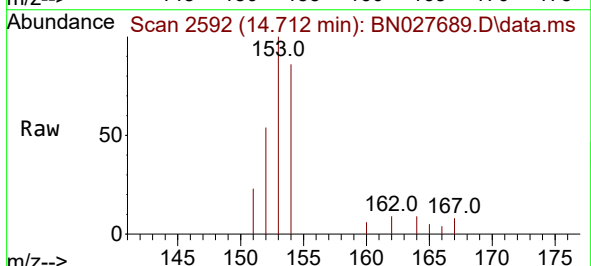
Tgt Ion:153 Resp: 3073

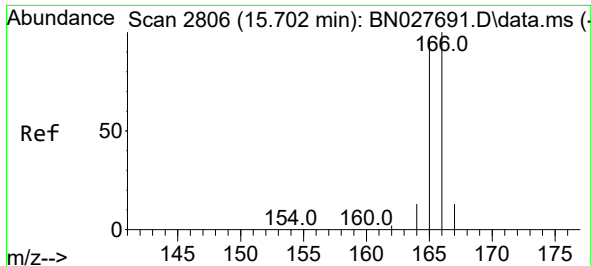
Ion Ratio Lower Upper

153 100

152 54.1 41.7 62.5

154 85.5 70.3 105.5

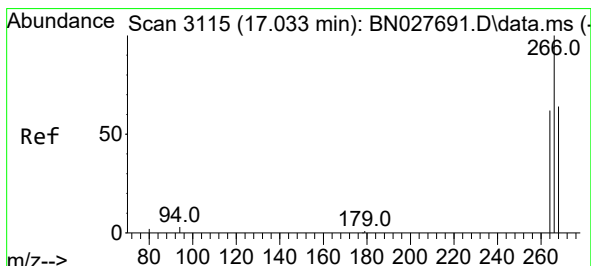
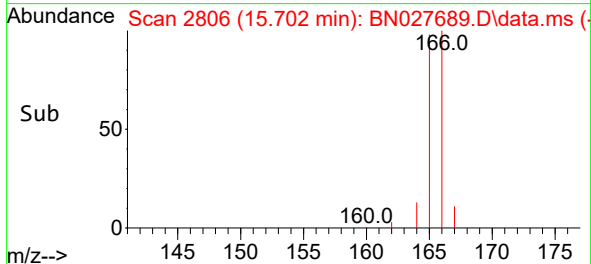
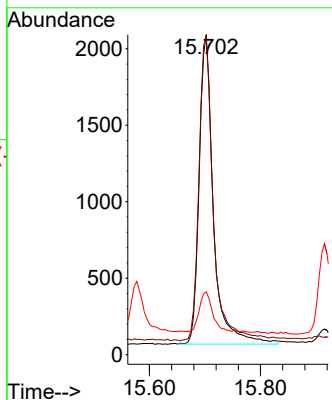
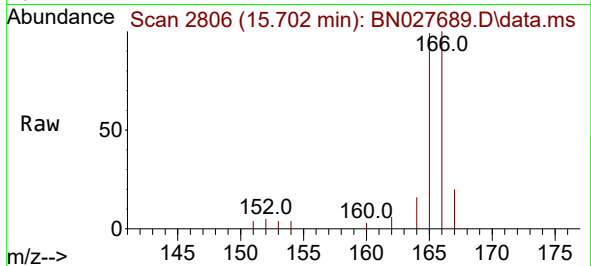




#12
Fluorene
Concen: 0.103 ng/ul
RT: 15.702 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

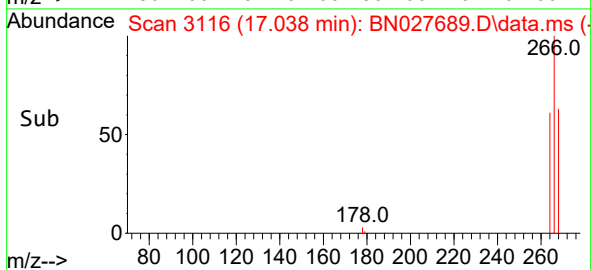
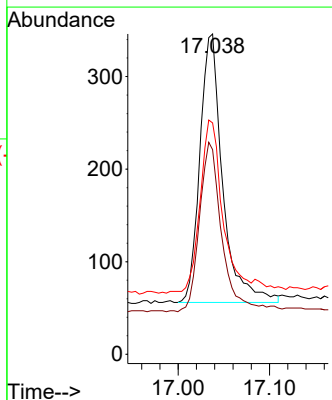
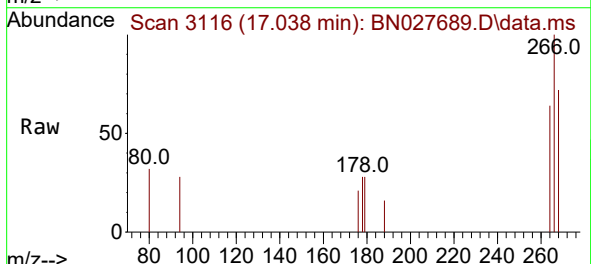
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

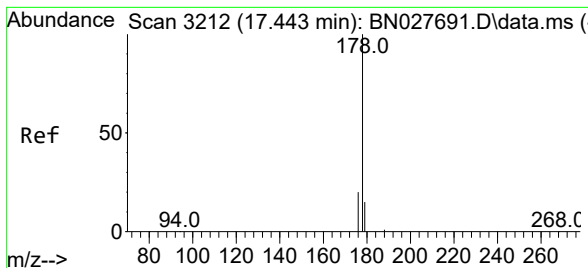
Tgt Ion:166 Resp: 3622
Ion Ratio Lower Upper
166 100
165 99.4 78.0 117.0
167 19.6 11.4 17.2#



#14
Pentachlorophenol
Concen: 0.128 ng/ul
RT: 17.038 min Scan# 3116
Delta R.T. 0.004 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:266 Resp: 504
Ion Ratio Lower Upper
266 100
264 62.3 49.6 74.4
268 67.5 50.7 76.1





#15

Phenanthrene

Concen: 0.100 ng/ul

RT: 17.443 min Scan# 3212

Delta R.T. 0.000 min

Lab File: BN027689.D

Acq: 15 Sep 2023 10:59

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202

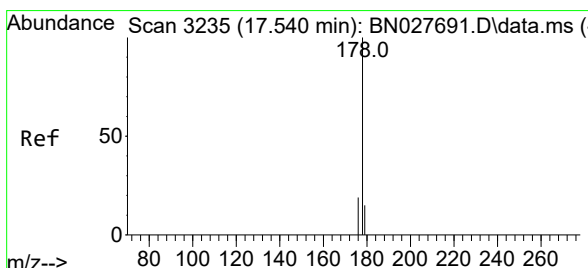
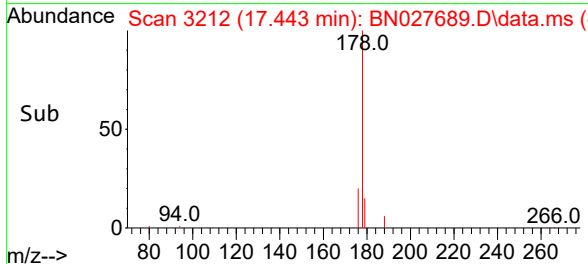
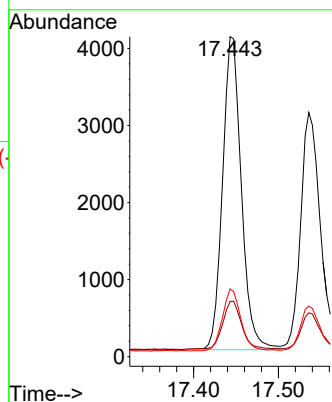
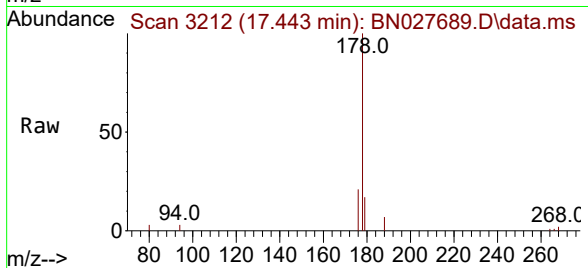
Tgt Ion:178 Resp: 6249

Ion Ratio Lower Upper

178 100

179 17.3 12.4 18.6

176 21.2 16.0 24.0



#16

Anthracene

Concen: 0.101 ng/ul

RT: 17.536 min Scan# 3234

Delta R.T. -0.004 min

Lab File: BN027689.D

Acq: 15 Sep 2023 10:59

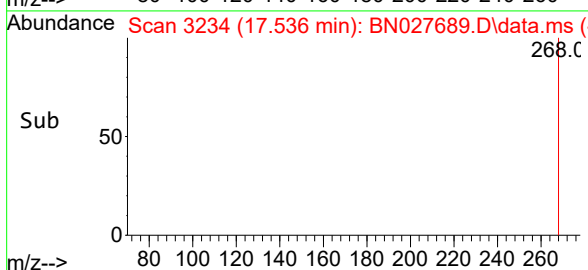
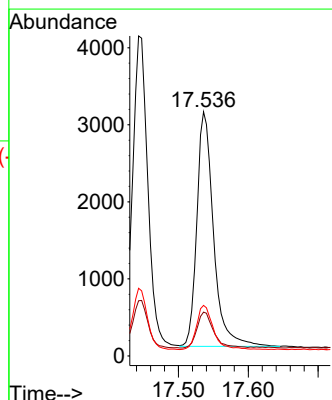
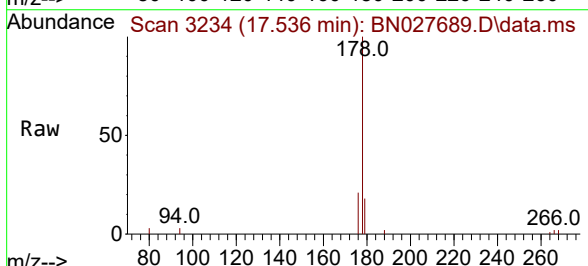
Tgt Ion:178 Resp: 5060

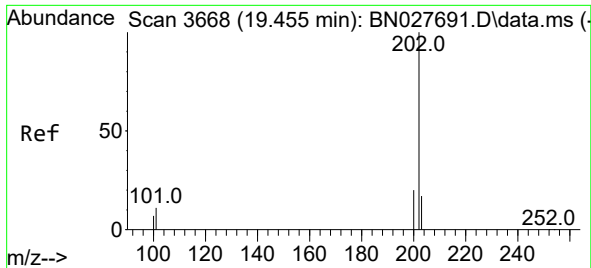
Ion Ratio Lower Upper

178 100

179 17.9 12.6 19.0

176 20.7 15.5 23.3

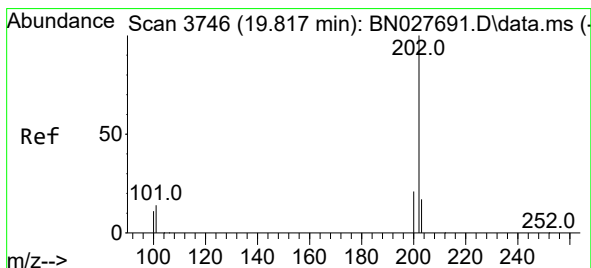
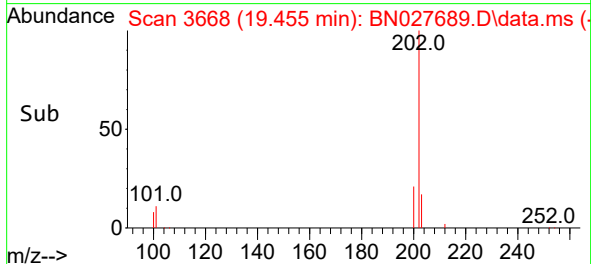
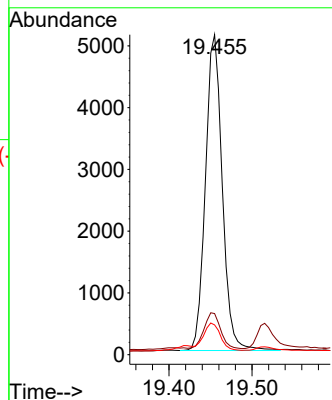
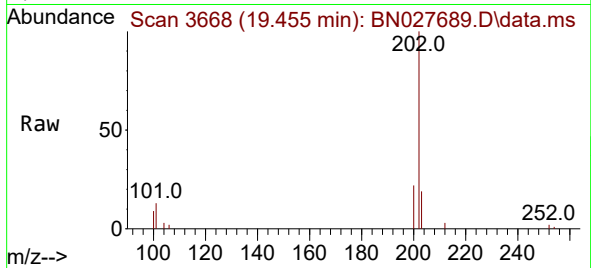




#19
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.455 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

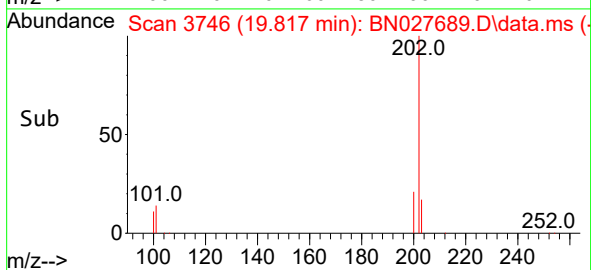
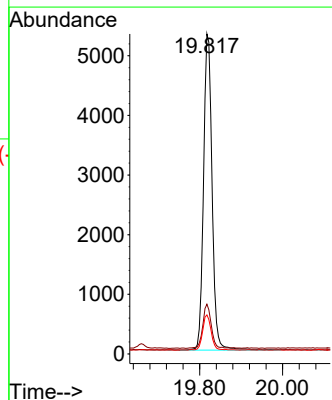
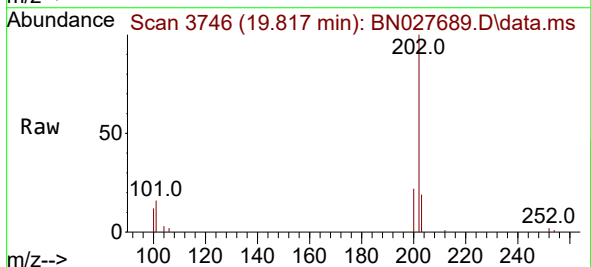
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

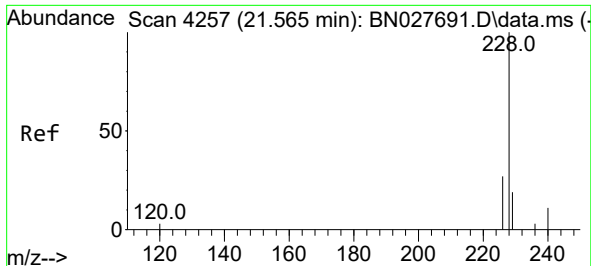
Tgt Ion:202 Resp: 7223
Ion Ratio Lower Upper
202 100
101 12.9 9.3 13.9
100 9.3 7.0 10.4



#20
Pyrene
Concen: 0.096 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:202 Resp: 7643
Ion Ratio Lower Upper
202 100
101 15.5 11.4 17.0
100 12.2 9.1 13.7

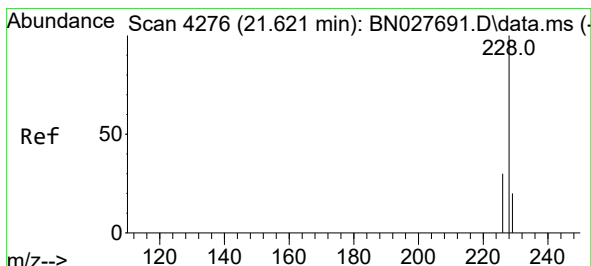
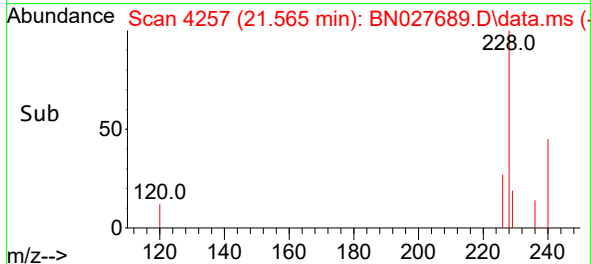
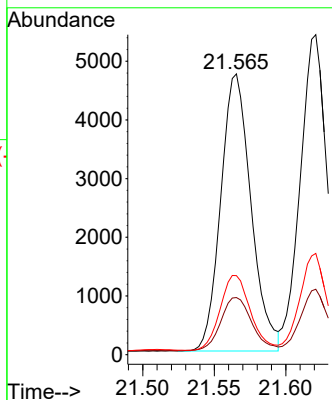
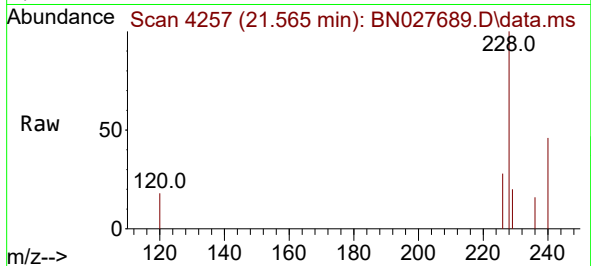




#21
Benzo(a)anthracene
Concen: 0.109 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

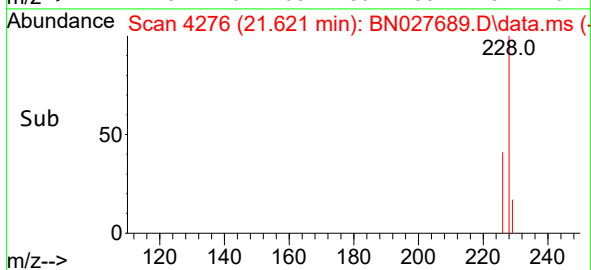
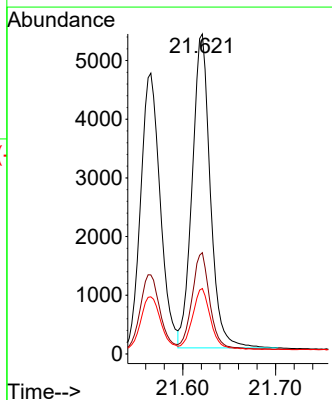
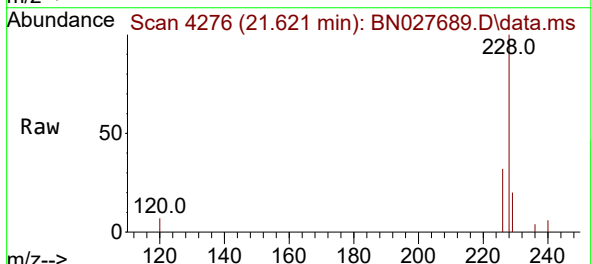
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

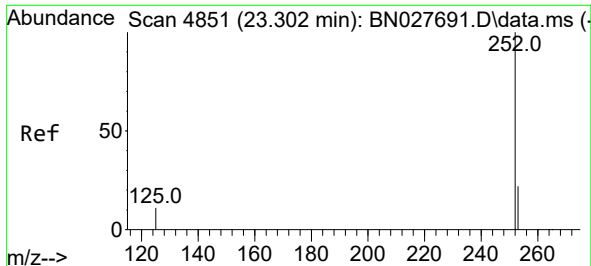
Tgt Ion:228 Resp: 6952
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.100 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:228 Resp: 7259
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 20.4 16.0 24.0

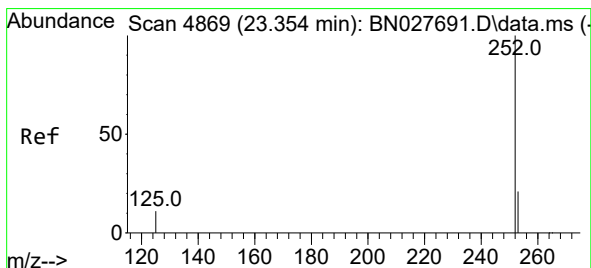
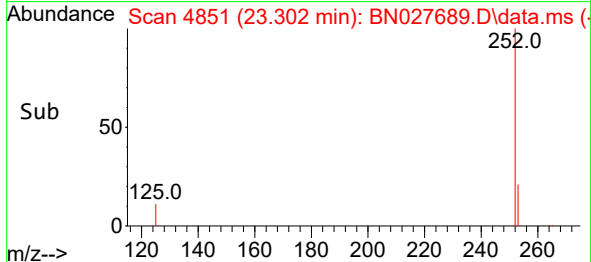
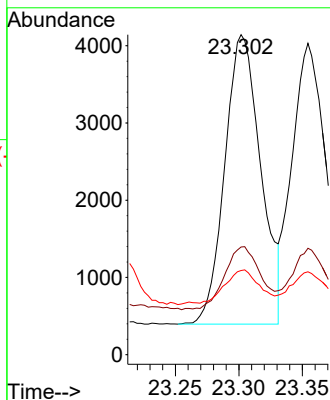
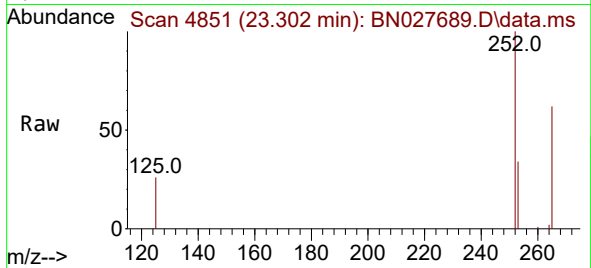




#24
Benzo(b)fluoranthene
Concen: 0.096 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

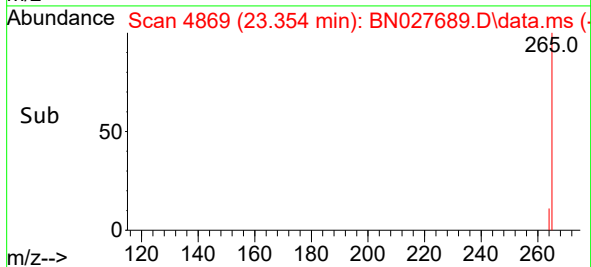
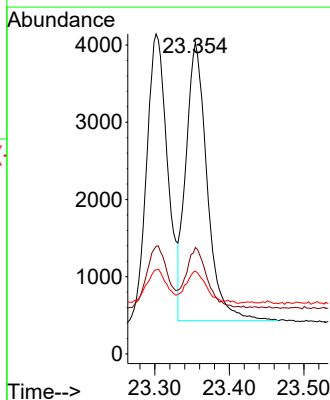
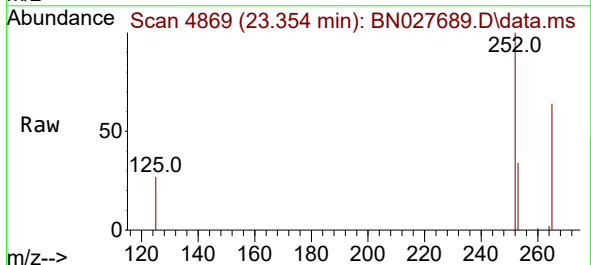
Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

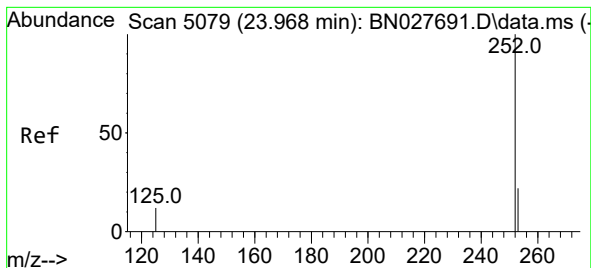
Tgt Ion:252 Resp: 7394
Ion Ratio Lower Upper
252 100
253 33.6 0.0 50.2
125 26.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.095 ng/ul
RT: 23.354 min Scan# 4869
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:252 Resp: 7153
Ion Ratio Lower Upper
252 100
253 34.2 19.9 29.9#
125 26.6 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 23.968 min Scan# 5079

Delta R.T. 0.000 min

Lab File: BN027689.D

Acq: 15 Sep 2023 10:59

Instrument :

BNA_N

ClientSampleId :

SSTD0.1202

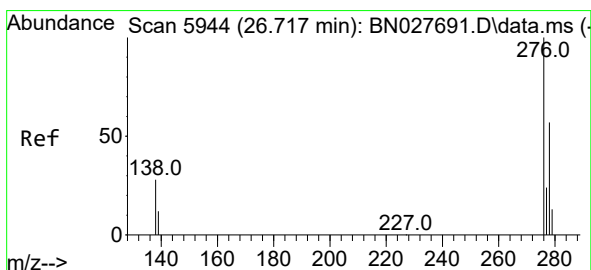
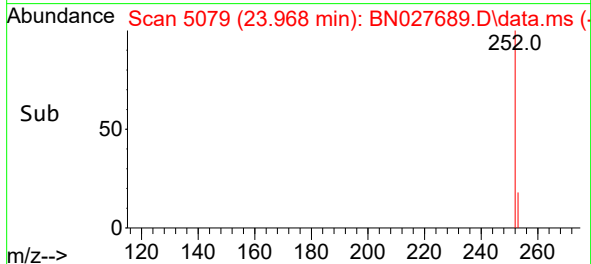
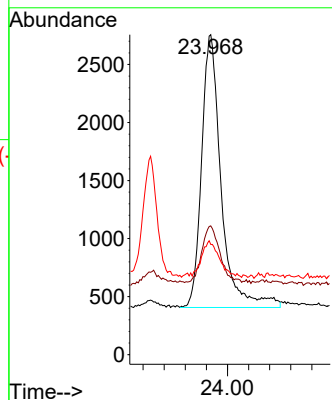
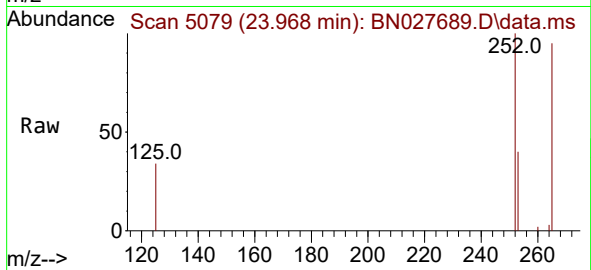
Tgt Ion:252 Resp: 6033

Ion Ratio Lower Upper

252 100

253 40.2 21.9 32.9#

125 34.5 15.5 23.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.110 ng/ul

RT: 26.713 min Scan# 5943

Delta R.T. -0.003 min

Lab File: BN027689.D

Acq: 15 Sep 2023 10:59

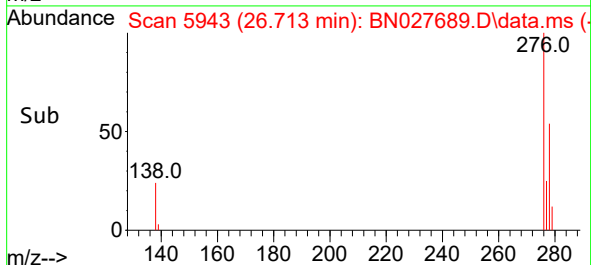
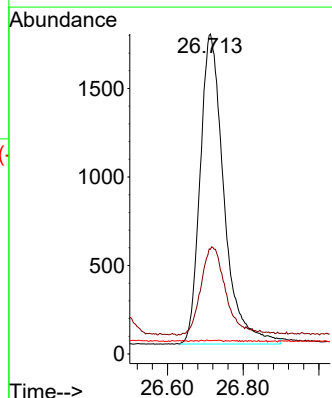
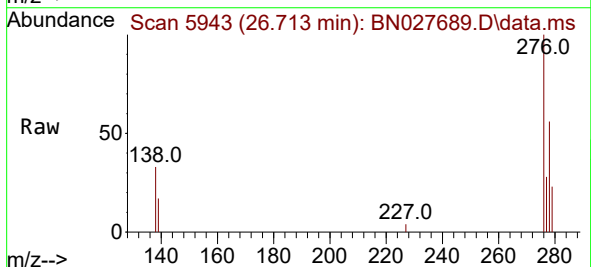
Tgt Ion:276 Resp: 7640

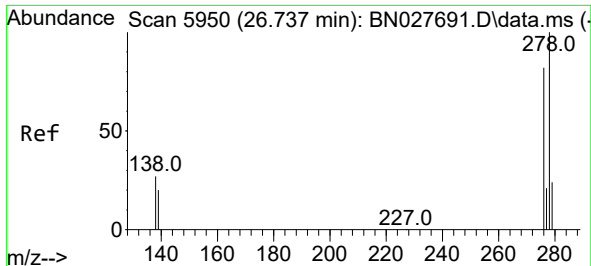
Ion Ratio Lower Upper

276 100

138 30.4 24.3 36.5

227 0.0 0.0 0.0#

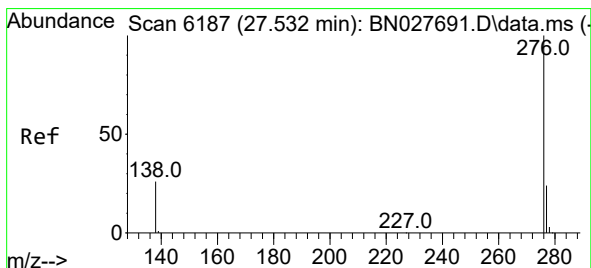
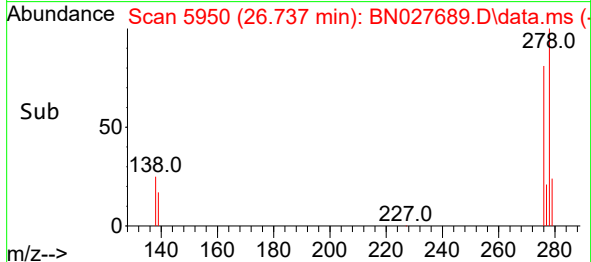
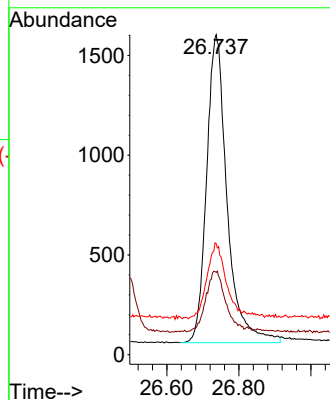
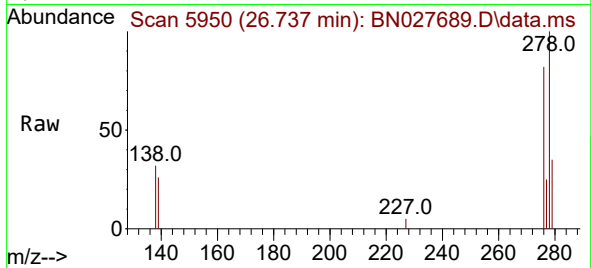




#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.737 min Scan# 5950
Delta R.T. 0.000 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Instrument :
BNA_N
ClientSampleId :
SSTD0.1202

Tgt Ion:278 Resp: 6103
Ion Ratio Lower Upper
278 100
139 25.7 17.2 25.8
279 34.7 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 27.528 min Scan# 6186
Delta R.T. -0.003 min
Lab File: BN027689.D
Acq: 15 Sep 2023 10:59

Tgt Ion:276 Resp: 6651
Ion Ratio Lower Upper
276 100
138 31.8 21.7 32.5
277 27.6 20.2 30.2

