

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027691.D
 Acq On : 15 Sep 2023 12:11
 Operator : MA/JU
 Sample : SSTD0.433
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4204

Quant Time: Sep 16 01:01:51 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)

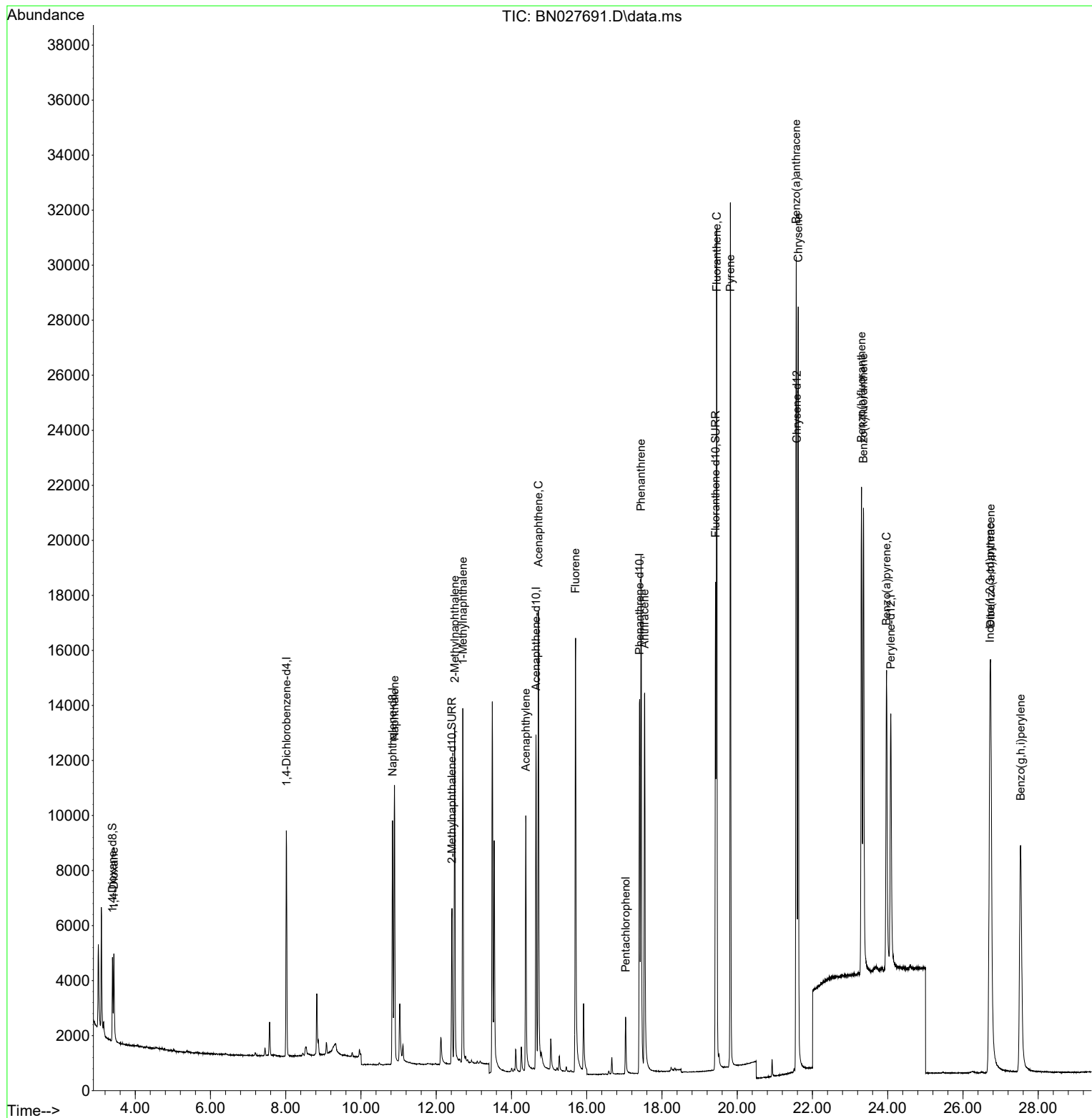
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	4205	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	12756	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	7133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	17775	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	16521	0.400	ng/ul	0.00
23) Perylene-d12	24.082	264	14737	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	2131	0.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	7542	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	19761	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	2213	0.392	ng/ul	100
5) Naphthalene	10.889	128	14254	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.489	142	8955	0.396	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	9296	0.387	ng/ul	100
10) Acenaphthylene	14.379	152	12221	0.384	ng/ul	100
11) Acenaphthene	14.717	153	10757	0.392	ng/ul	100
12) Fluorene	15.702	166	12672	0.409	ng/ul	100
14) Pentachlorophenol	17.033	266	1540	0.433	ng/ul	100
15) Phenanthrene	17.443	178	22151	0.392	ng/ul	100
16) Anthracene	17.540	178	18320	0.404	ng/ul	100
19) Fluoranthene	19.455	202	26210	0.360	ng/ul	100
20) Pyrene	19.817	202	27035	0.364	ng/ul	100
21) Benzo(a)anthracene	21.565	228	25215	0.423	ng/ul	100
22) Chrysene	21.621	228	26044	0.384	ng/ul	100
24) Benzo(b)fluoranthene	23.302	252	25664	0.380	ng/ul	100
25) Benzo(k)fluoranthene	23.354	252	25457	0.386	ng/ul	100
26) Benzo(a)pyrene	23.968	252	20363	0.383	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.717	276	26022	0.430	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.737	278	21021	0.448	ng/ul	100
29) Benzo(g,h,i)perylene	27.532	276	22810	0.422	ng/ul	100

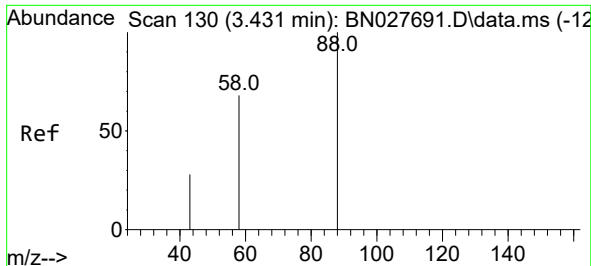
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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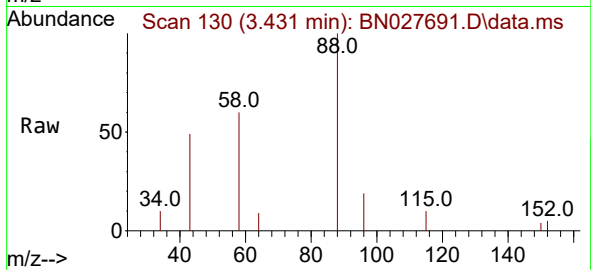
Quant Time: Sep 16 01:01:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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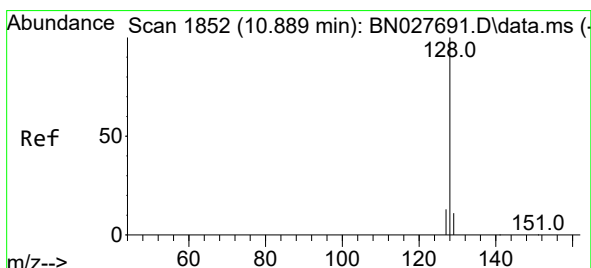
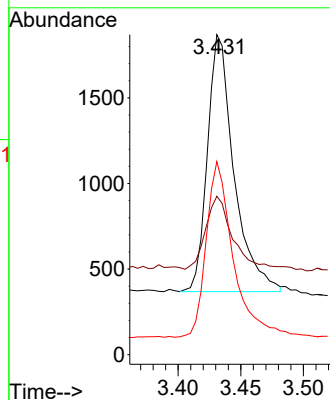
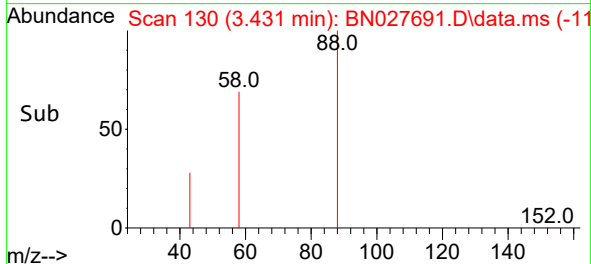


#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

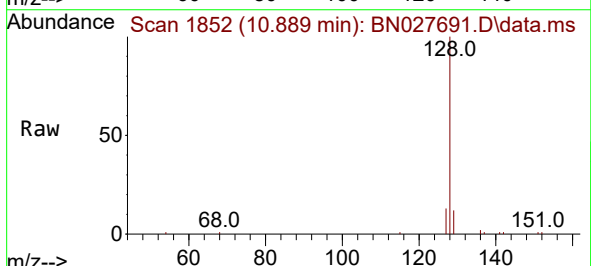
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204



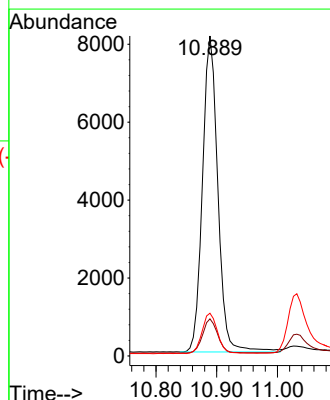
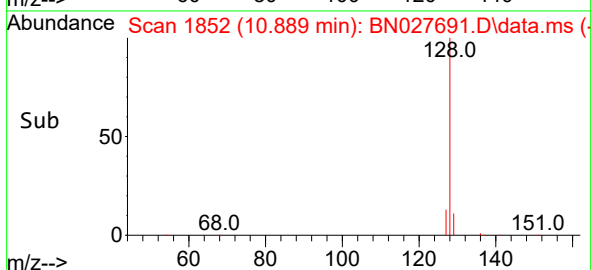
Tgt Ion: 88 Resp: 2213
Ion Ratio Lower Upper
88 100
43 49.5 39.6 59.4
58 60.4 48.3 72.5

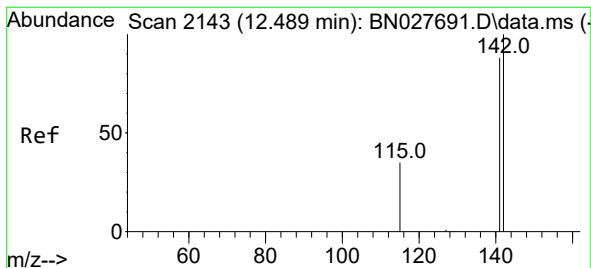


#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11



Tgt Ion: 128 Resp: 14254
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.4 10.7 16.1

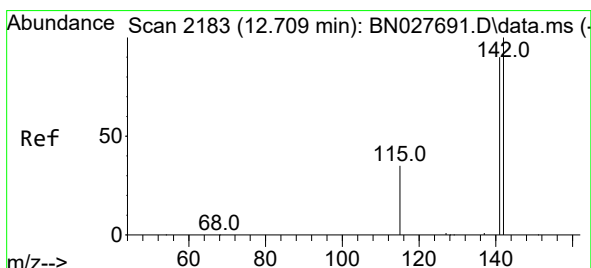
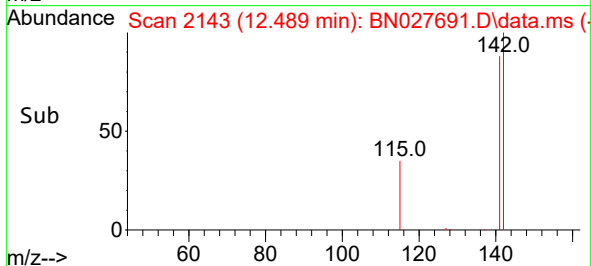
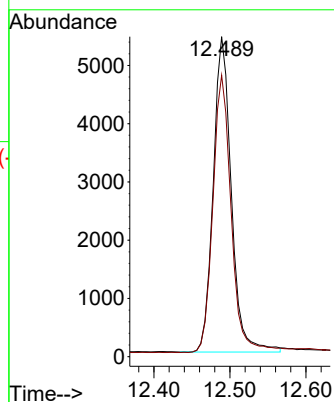
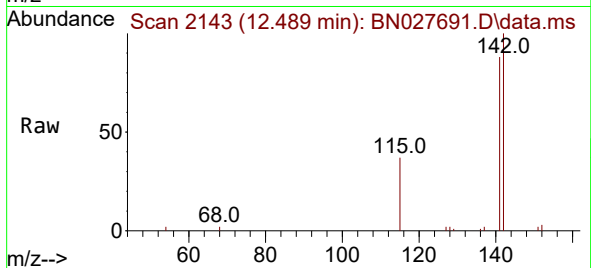




#7
2-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

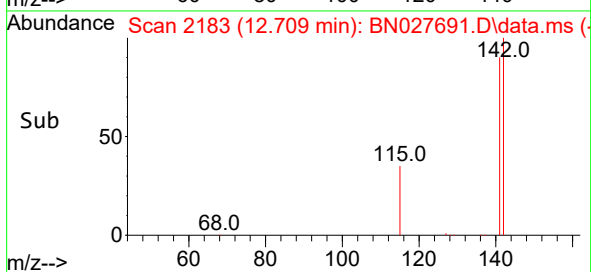
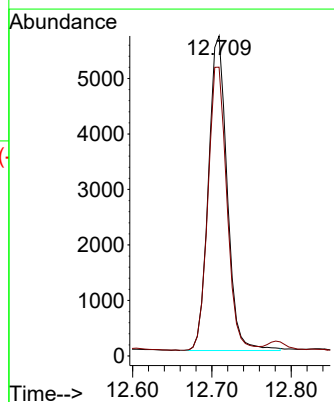
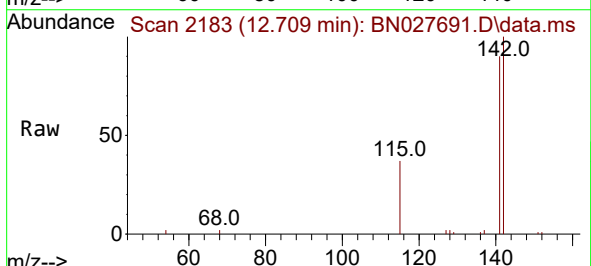
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

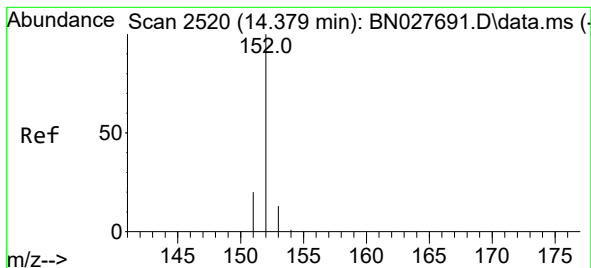
Tgt Ion:142 Resp: 8955
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

Tgt Ion:142 Resp: 9296
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2





#10

Acenaphthylene

Concen: 0.384 ng/ul

RT: 14.379 min Scan# 2520

Delta R.T. 0.000 min

Lab File: BN027691.D

Acq: 15 Sep 2023 12:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204

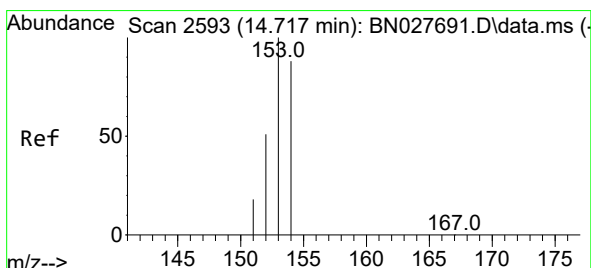
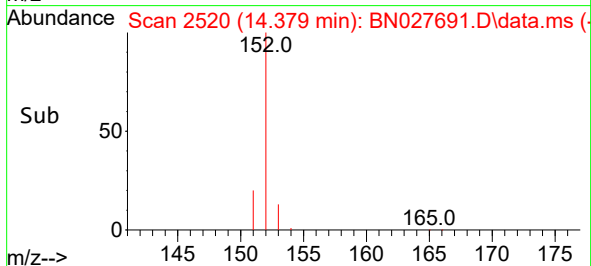
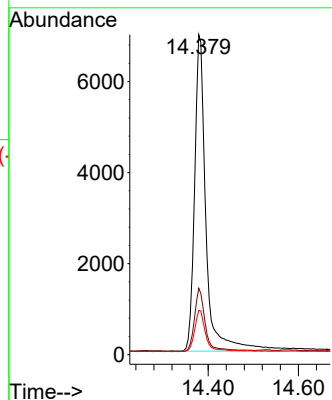
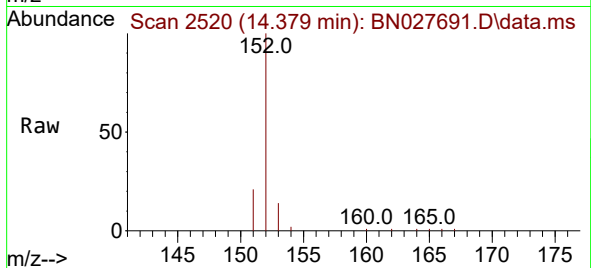
Tgt Ion:152 Resp: 12221

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

153 13.8 11.0 16.6



#11

Acenaphthene

Concen: 0.392 ng/ul

RT: 14.717 min Scan# 2593

Delta R.T. 0.000 min

Lab File: BN027691.D

Acq: 15 Sep 2023 12:11

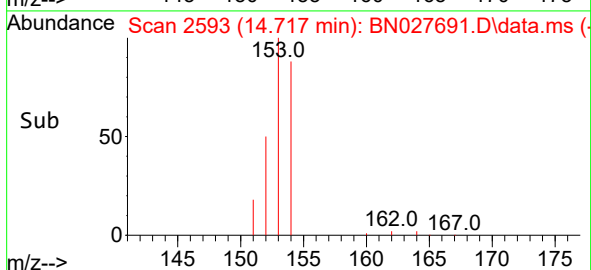
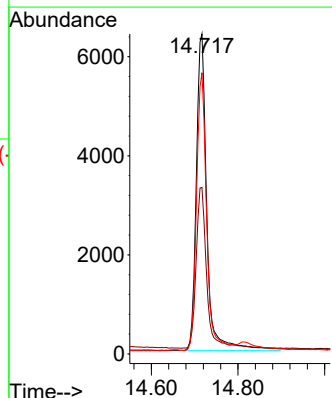
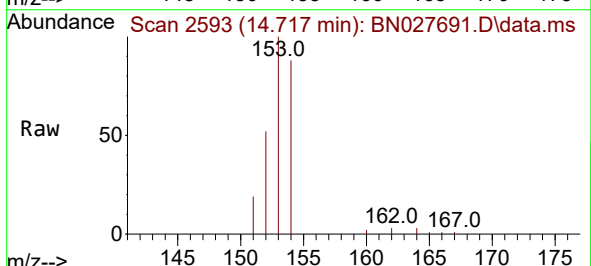
Tgt Ion:153 Resp: 10757

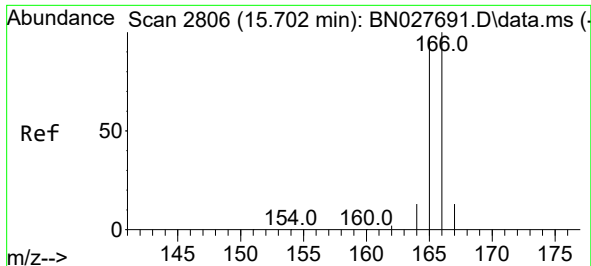
Ion Ratio Lower Upper

153 100

152 52.1 41.7 62.5

154 87.9 70.3 105.5

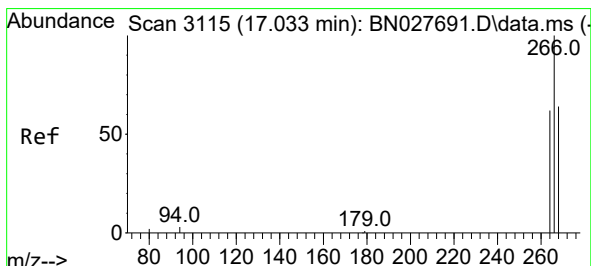
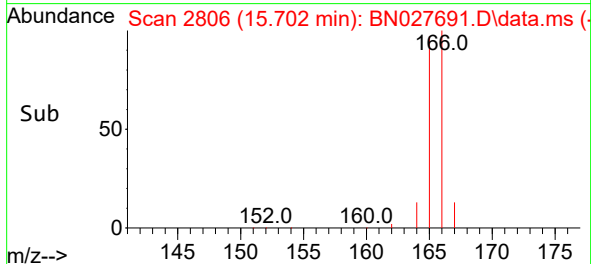
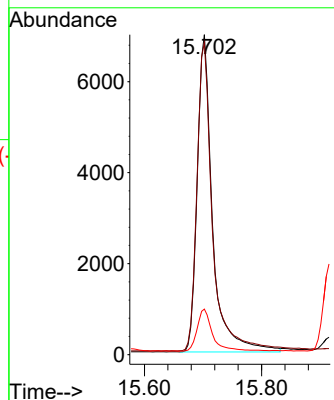
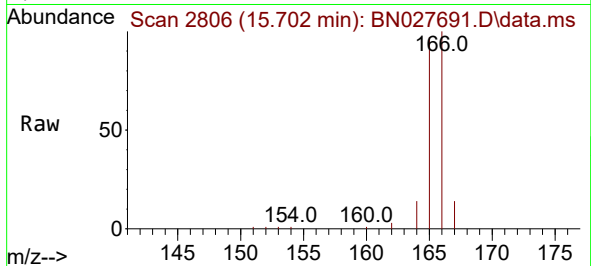




#12
 Fluorene
 Concen: 0.409 ng/ul
 RT: 15.702 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BN027691.D
 Acq: 15 Sep 2023 12:11

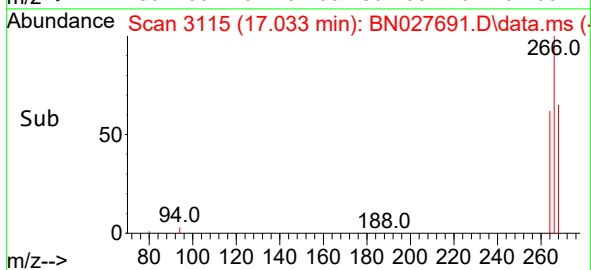
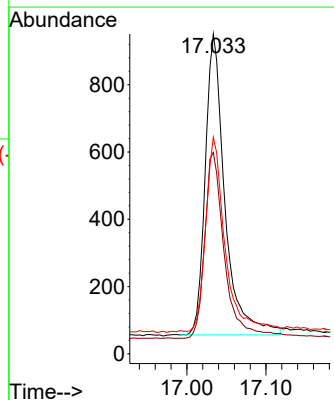
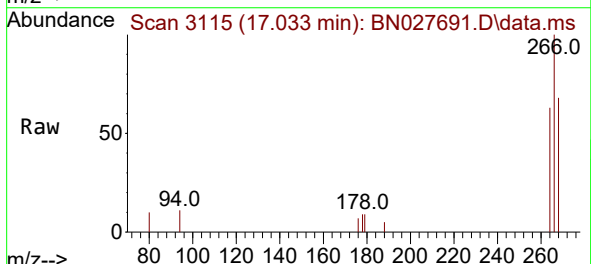
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4204

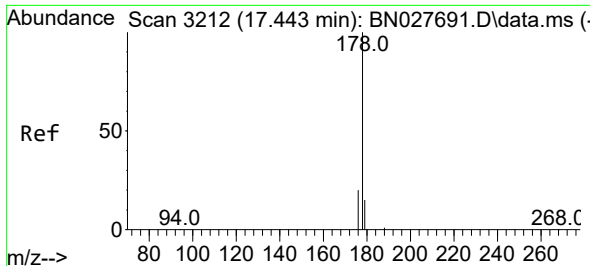
Tgt Ion:166 Resp: 12672
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.0 117.0
 167 14.3 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.433 ng/ul
 RT: 17.033 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: BN027691.D
 Acq: 15 Sep 2023 12:11

Tgt Ion:266 Resp: 1540
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.6 74.4
 268 63.4 50.7 76.1

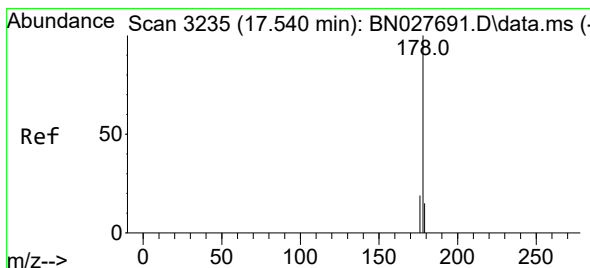
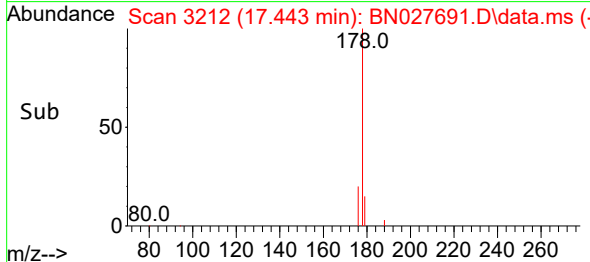
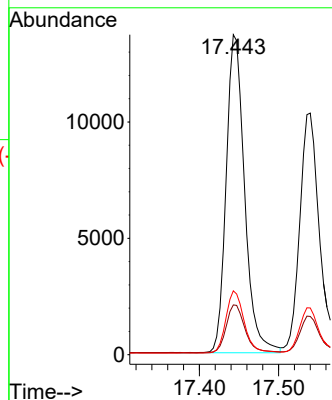
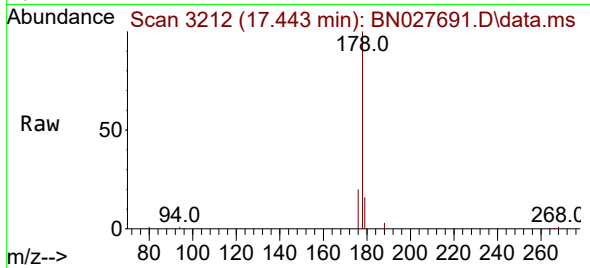




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

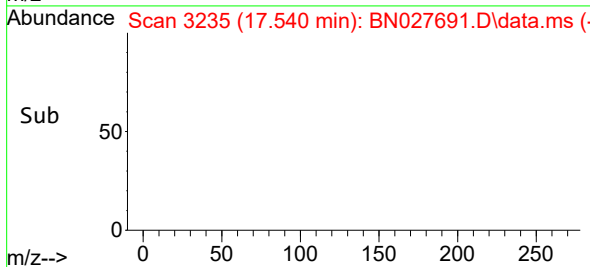
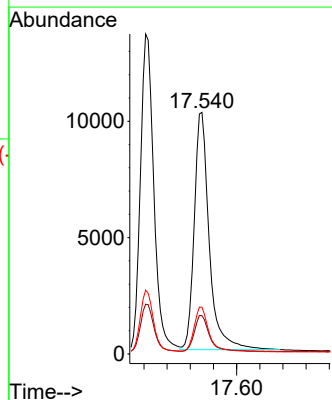
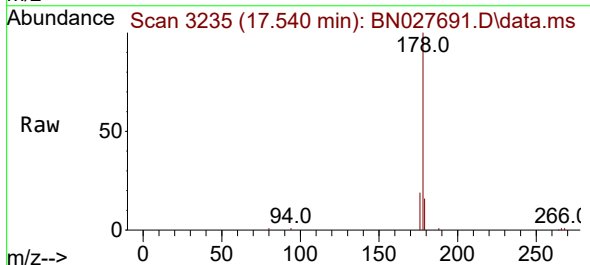
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

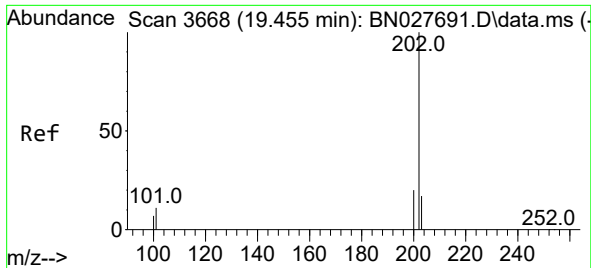
Tgt Ion:178 Resp: 22151
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.540 min Scan# 3235
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

Tgt Ion:178 Resp: 18320
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.4 15.5 23.3

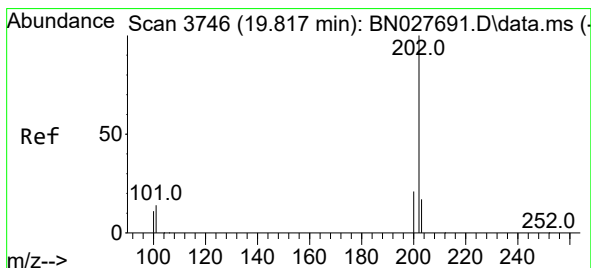
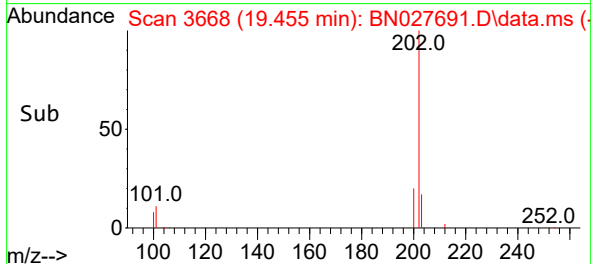
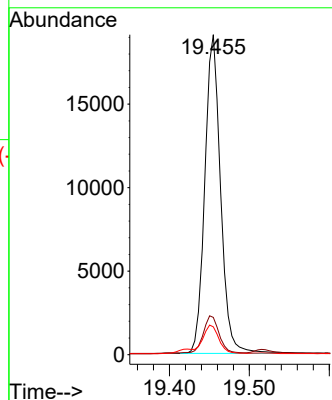
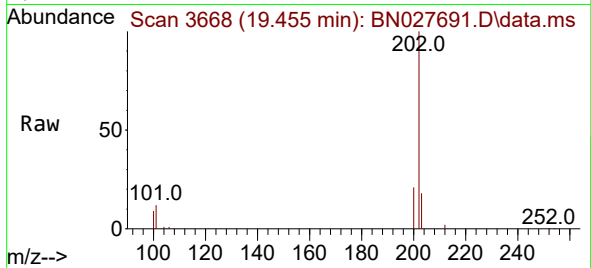




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.455 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

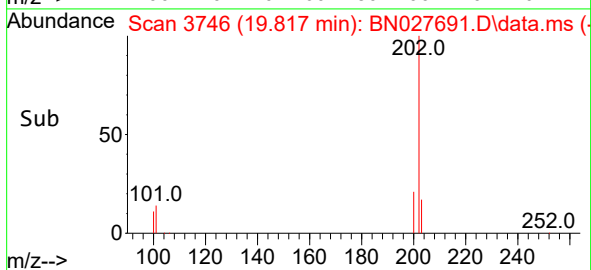
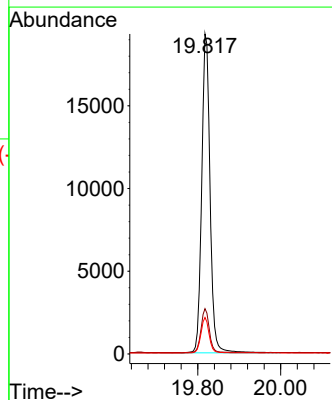
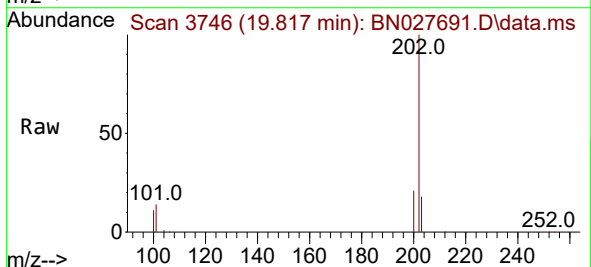
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ClientSampleId :
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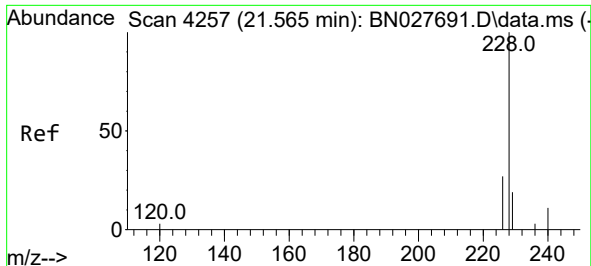
Tgt Ion:202 Resp: 26210
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

Tgt Ion:202 Resp: 27035
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.4 9.1 13.7

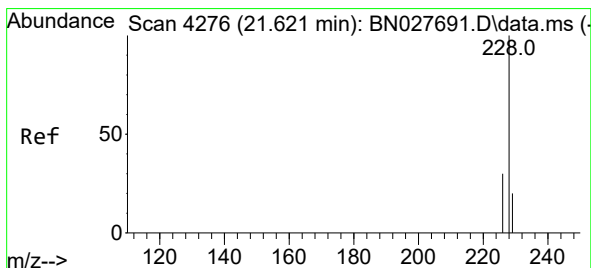
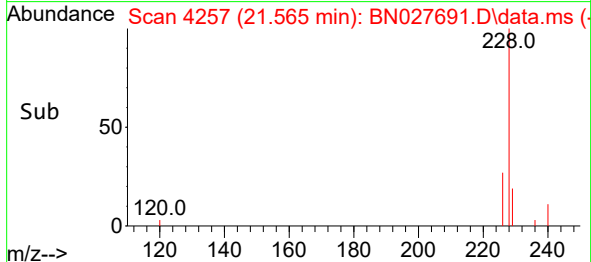
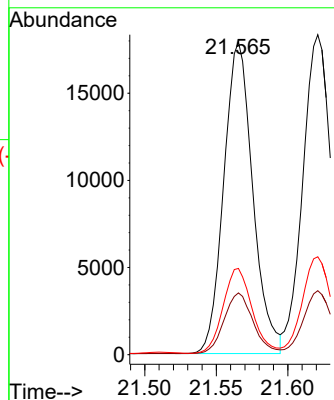
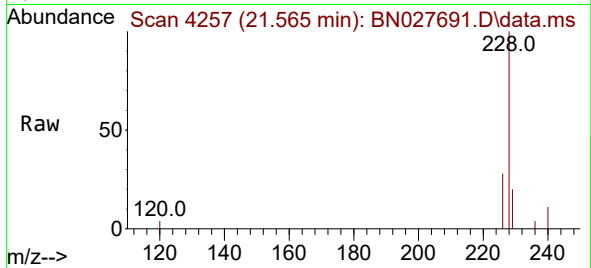




#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.565 min Scan# 4257
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

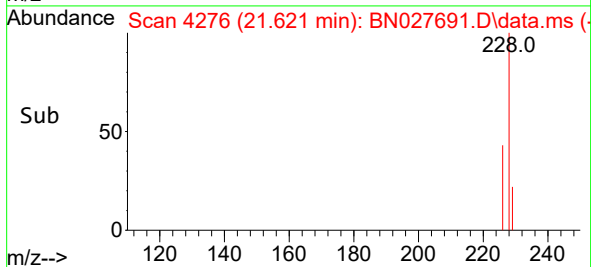
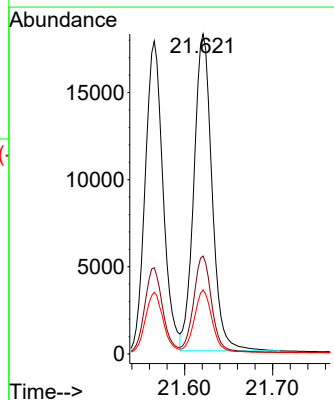
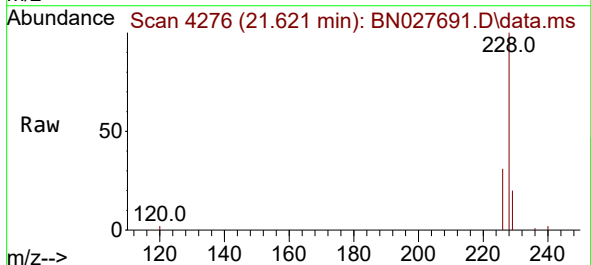
Instrument :
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ClientSampleId :
SSTD0.4204

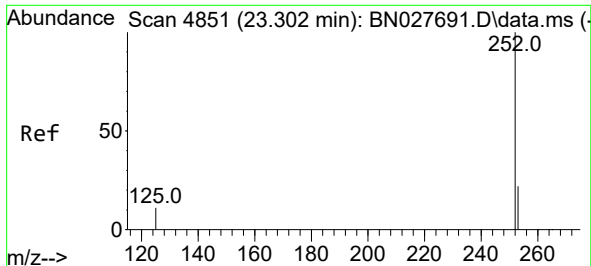
Tgt Ion:228 Resp: 25215
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

Tgt Ion:228 Resp: 26044
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.0 16.0 24.0

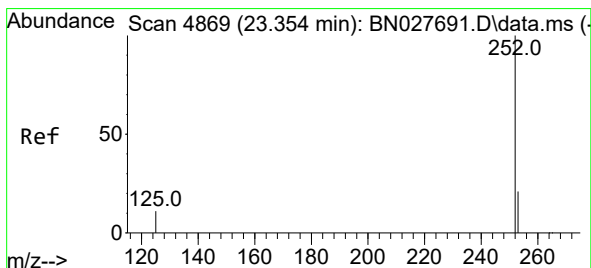
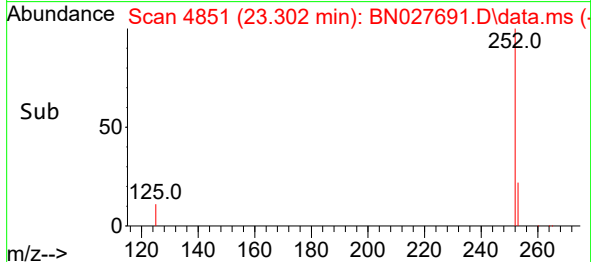
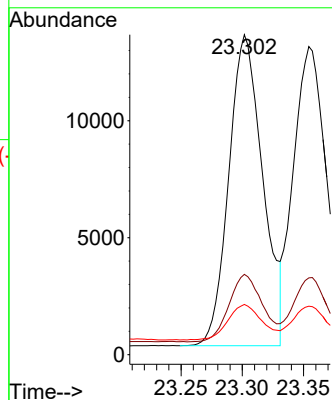
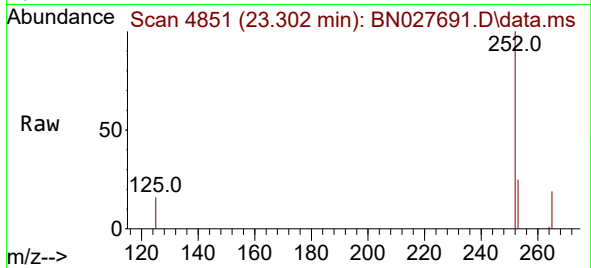




#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

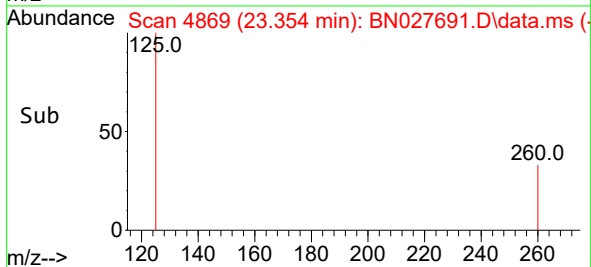
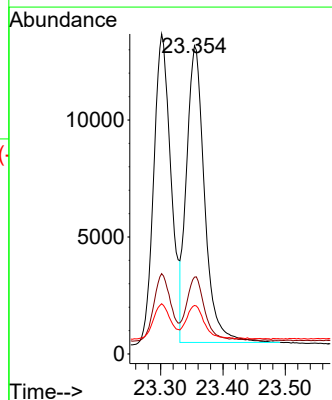
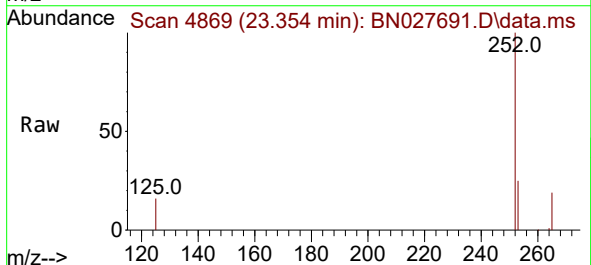
Instrument :
BNA_N
ClientSampleId :
SSTD0.4204

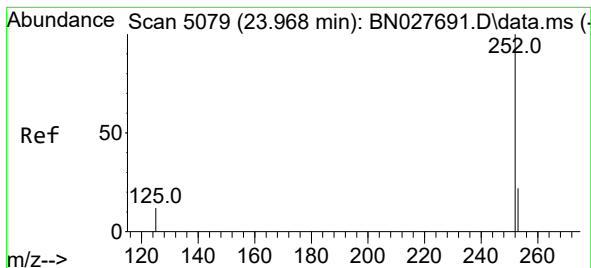
Tgt Ion:252 Resp: 25664
Ion Ratio Lower Upper
252 100
253 25.1 0.0 50.2
125 15.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.354 min Scan# 4869
Delta R.T. 0.000 min
Lab File: BN027691.D
Acq: 15 Sep 2023 12:11

Tgt Ion:252 Resp: 25457
Ion Ratio Lower Upper
252 100
253 24.9 19.9 29.9
125 15.8 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.383 ng/ul

RT: 23.968 min Scan# 5079

Delta R.T. 0.000 min

Lab File: BN027691.D

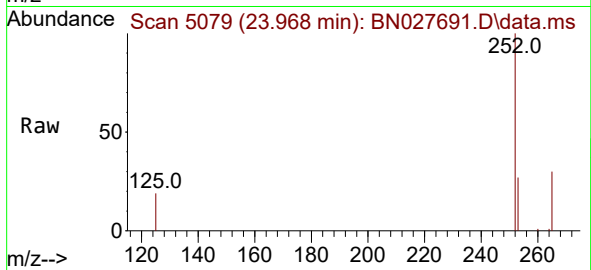
Acq: 15 Sep 2023 12:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204



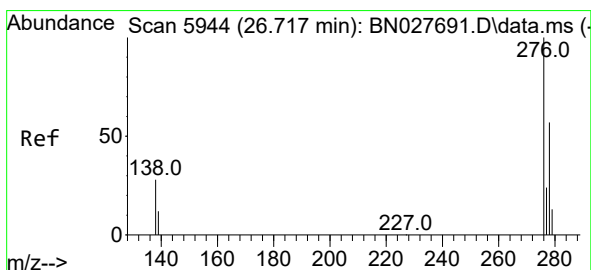
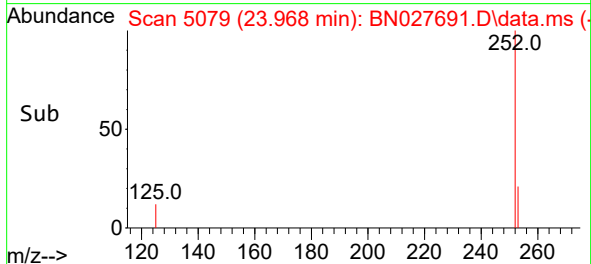
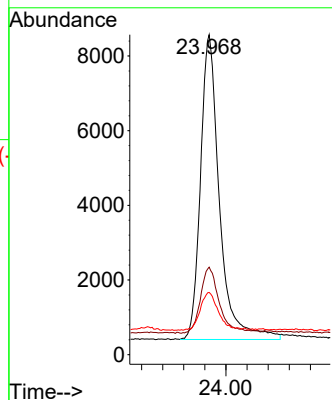
Tgt Ion:252 Resp: 20363

Ion Ratio Lower Upper

252 100

253 27.4 21.9 32.9

125 19.4 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.430 ng/ul

RT: 26.717 min Scan# 5944

Delta R.T. 0.000 min

Lab File: BN027691.D

Acq: 15 Sep 2023 12:11

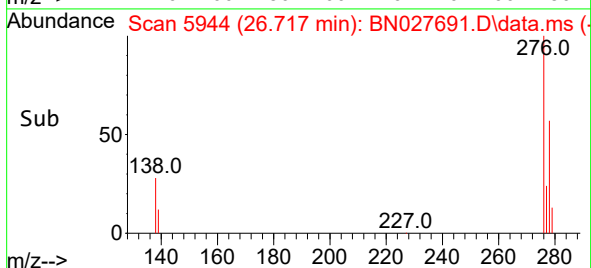
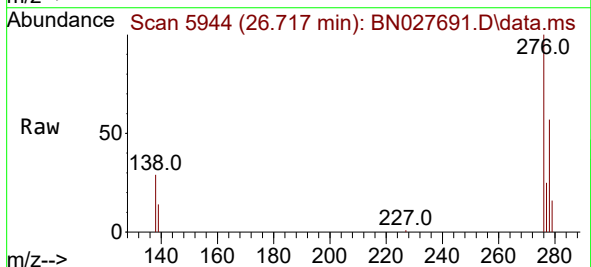
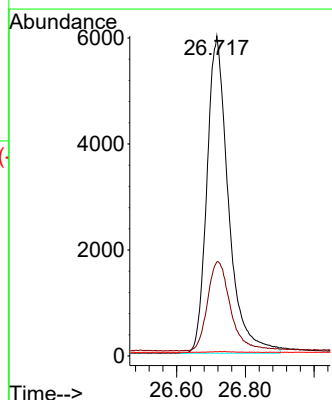
Tgt Ion:276 Resp: 26022

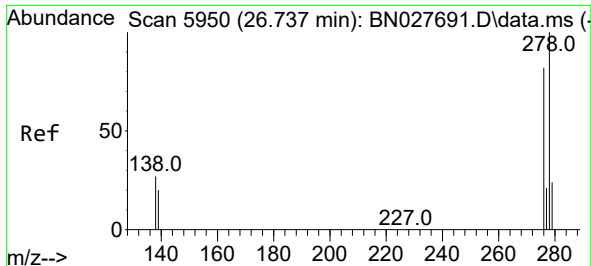
Ion Ratio Lower Upper

276 100

138 30.5 24.3 36.5

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.448 ng/ul

RT: 26.737 min Scan# 5950

Delta R.T. 0.000 min

Lab File: BN027691.D

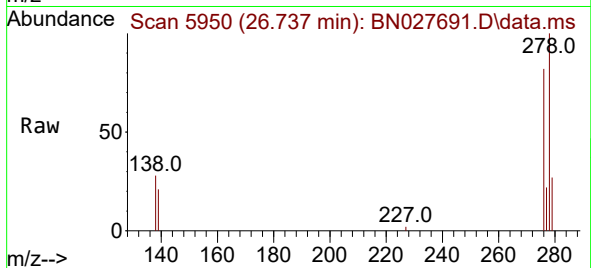
Acq: 15 Sep 2023 12:11

Instrument :

BNA_N

ClientSampleId :

SSTD0.4204



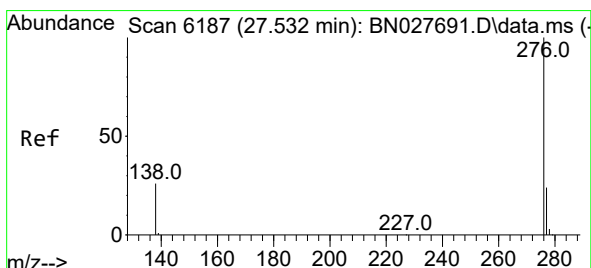
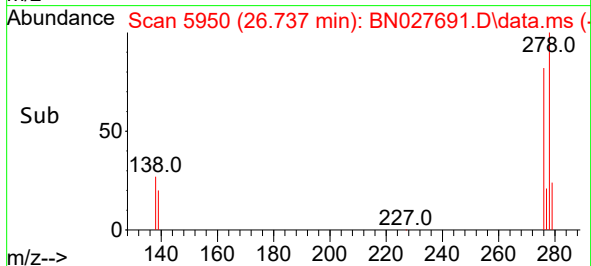
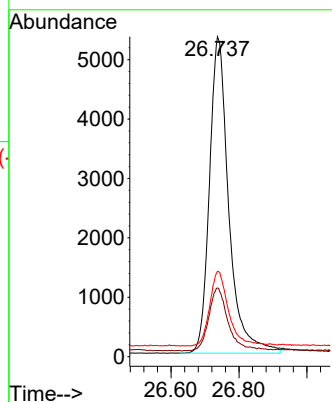
Tgt Ion:278 Resp: 21021

Ion Ratio Lower Upper

278 100

139 21.5 17.2 25.8

279 26.7 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.422 ng/ul

RT: 27.532 min Scan# 6187

Delta R.T. 0.000 min

Lab File: BN027691.D

Acq: 15 Sep 2023 12:11

Tgt Ion:276 Resp: 22810

Ion Ratio Lower Upper

276 100

138 27.1 21.7 32.5

277 25.2 20.2 30.2

