

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023539.D
 Acq On : 03 Jan 2023 16:08
 Operator : CG/JU
 Sample : SSTD1.668
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6227

Quant Time: Jan 04 00:18:12 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:14:48 2023
 Response via : Initial Calibration

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

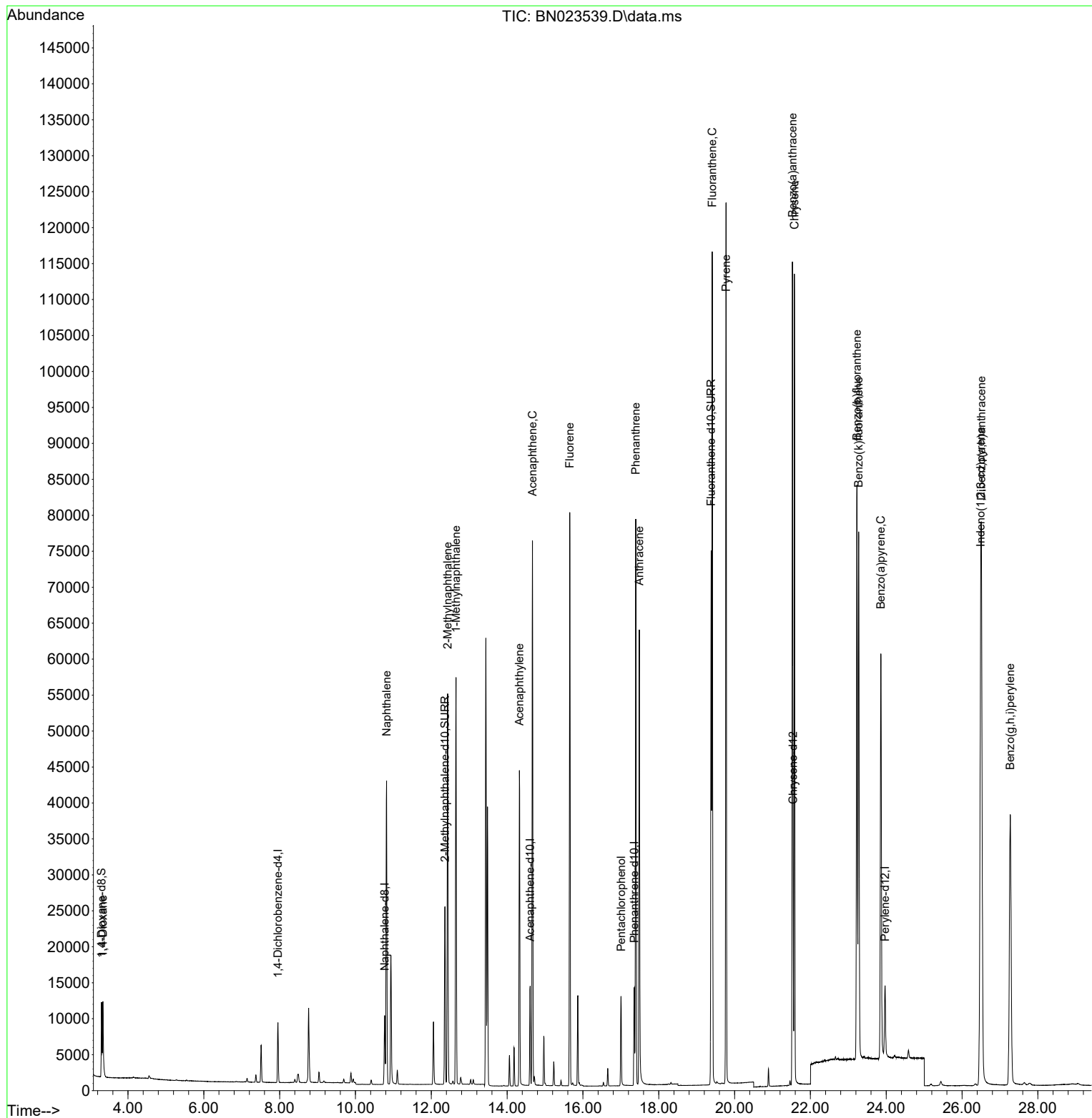
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	12389	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	7233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	15862	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	16636	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	13977	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	6995	1.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	29983	1.565	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	73873	1.228	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	7408	1.621	ng/ul#	85
5) Naphthalene	10.819	128	55581	1.528	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	36046	1.549	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	36766	1.534	ng/ul	100
10) Acenaphthylene	14.325	152	47934	1.495	ng/ul	100
11) Acenaphthene	14.667	153	41047	1.520	ng/ul	100
12) Fluorene	15.652	166	47658	1.570	ng/ul	99
14) Pentachlorophenol	17.005	266	8016	1.822	ng/ul	100
15) Phenanthrene	17.393	178	78490	1.520	ng/ul	100
16) Anthracene	17.486	178	69321	1.618	ng/ul	99
19) Fluoranthene	19.409	202	95377	1.182	ng/ul	100
20) Pyrene	19.776	202	97226	1.195	ng/ul	99
21) Benzo(a)anthracene	21.525	228	93345	1.441	ng/ul	100
22) Chrysene	21.578	228	93301	1.416	ng/ul	99
24) Benzo(b)fluoranthene	23.226	252	100263	1.387	ng/ul	93
25) Benzo(k)fluoranthene	23.273	252	95596	1.408	ng/ul#	94
26) Benzo(a)pyrene	23.858	252	83159	1.453	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.490	276	105270	1.576	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.510	278	83952	1.620	ng/ul	96
29) Benzo(g,h,i)perylene	27.271	276	82811	1.521	ng/ul	98

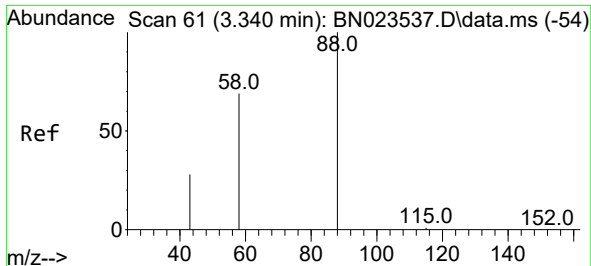
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
Data File : BN023539.D
Acq On : 03 Jan 2023 16:08
Operator : CG/JU
Sample : SST1.668
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Quant Time: Jan 04 00:18:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 00:14:48 2023
Response via : Initial Calibration

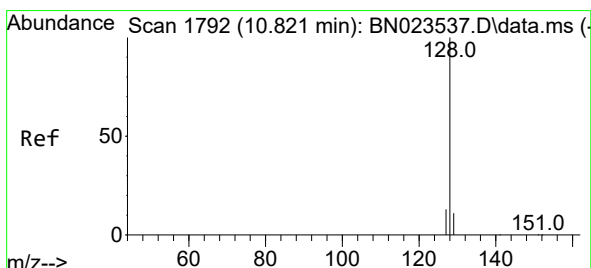
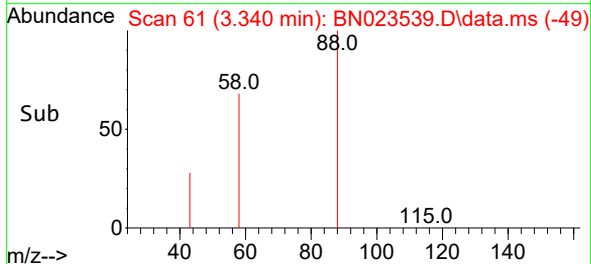
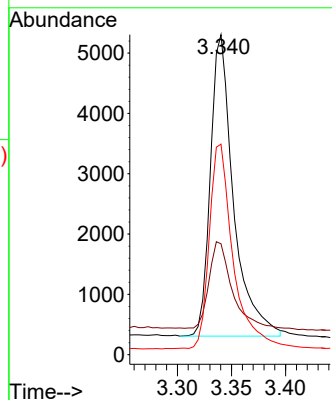
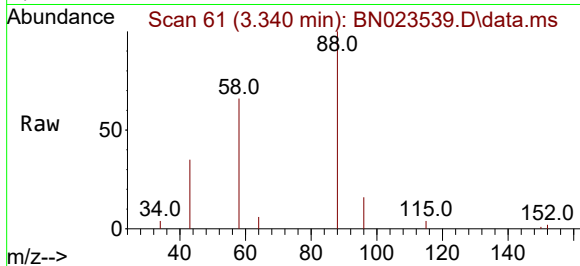




#2
1,4-Dioxane
Concen: 1.621 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

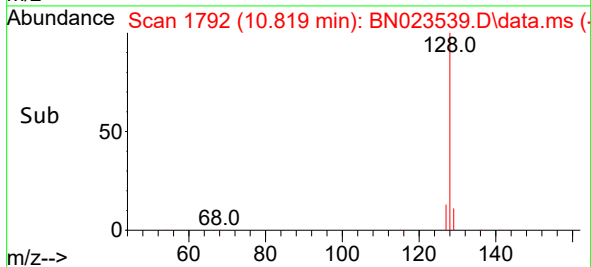
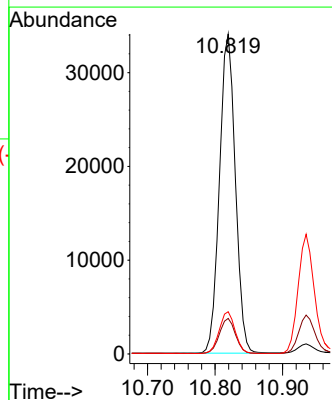
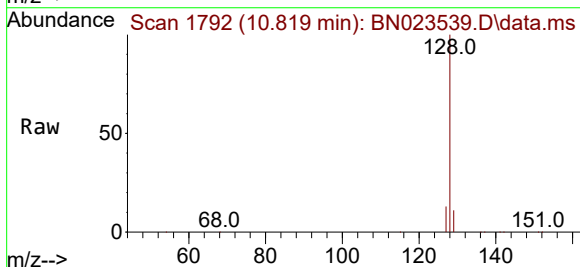
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

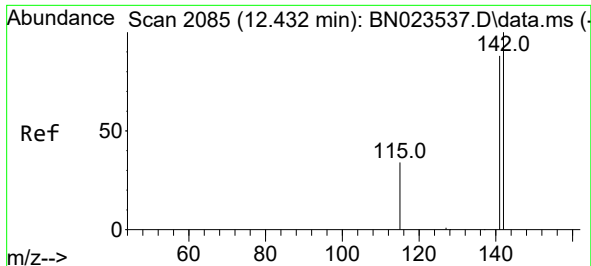
Tgt Ion: 88 Resp: 7408
Ion Ratio Lower Upper
88 100
43 34.7 44.0 66.0#
58 65.8 50.5 75.7



#5
Naphthalene
Concen: 1.528 ng/ul
RT: 10.819 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:128 Resp: 55581
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.2 10.9 16.3

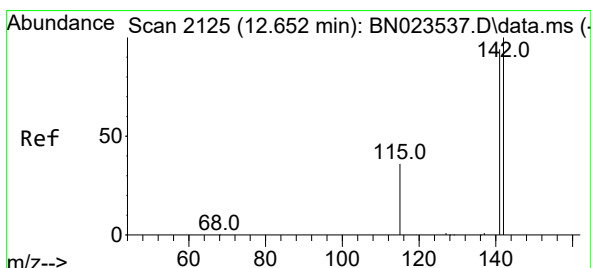
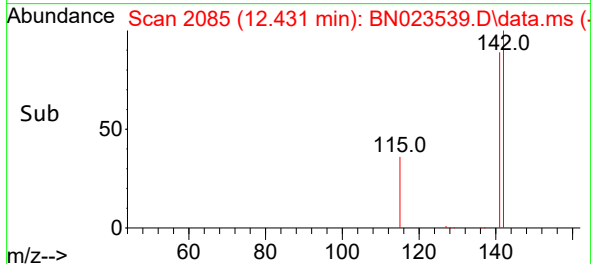
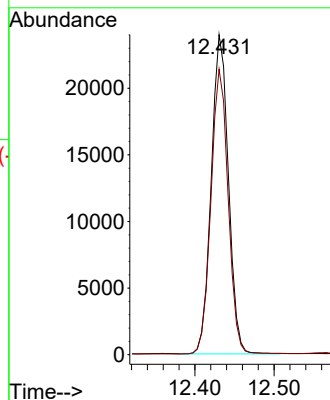
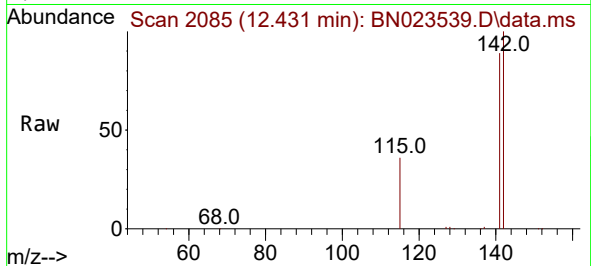




#7
2-Methylnaphthalene
Concen: 1.549 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

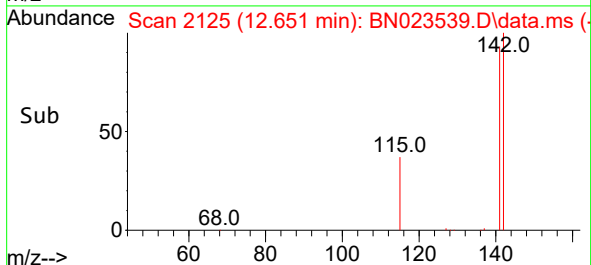
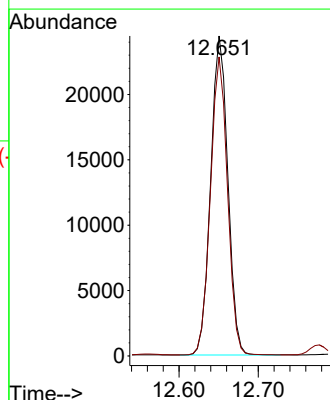
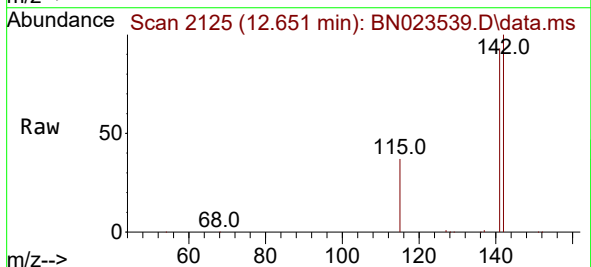
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

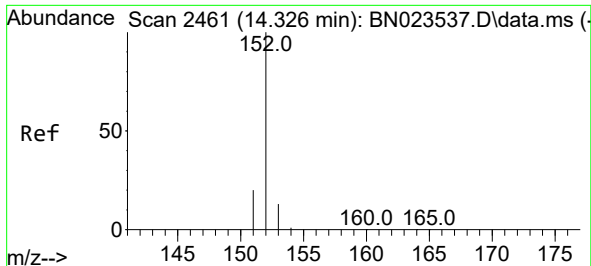
Tgt Ion:142 Resp: 36046
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2



#8
1-Methylnaphthalene
Concen: 1.534 ng/ul
RT: 12.651 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:142 Resp: 36766
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

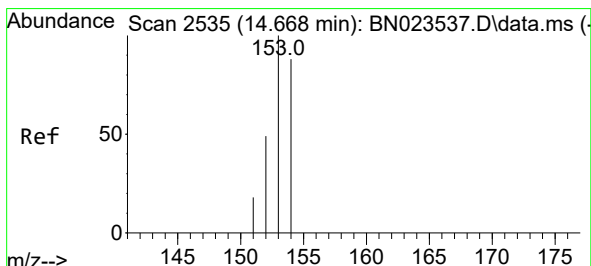
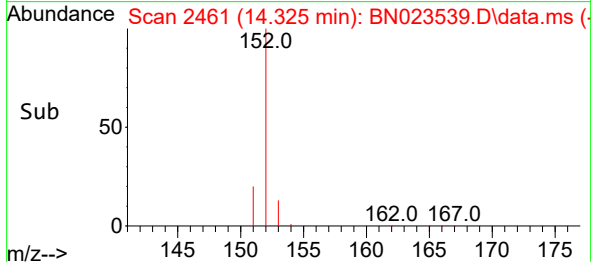
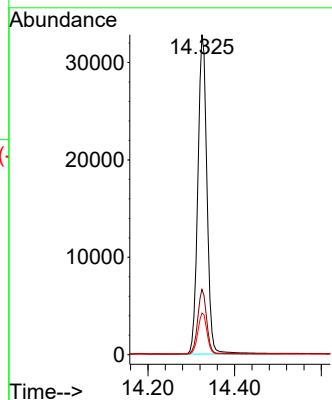
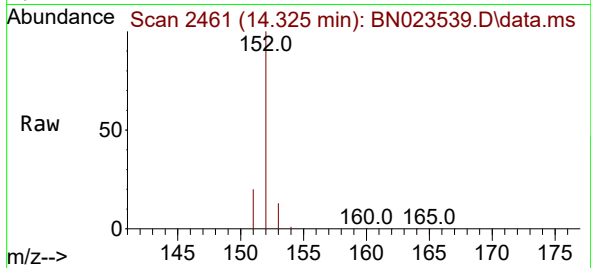




#10
Acenaphthylene
Concen: 1.495 ng/ul
RT: 14.325 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

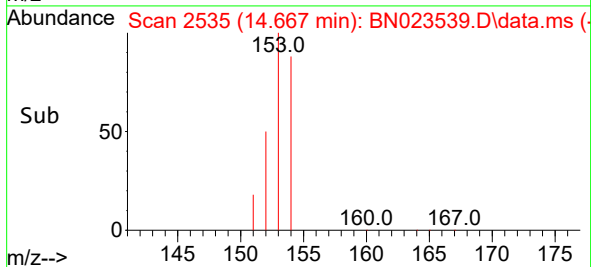
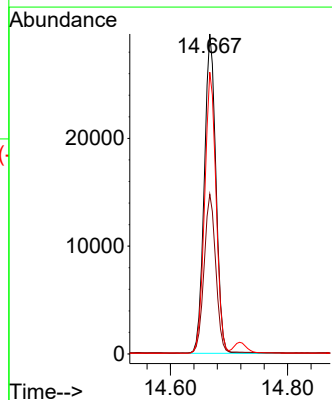
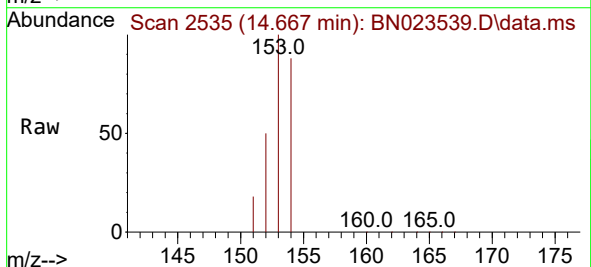
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

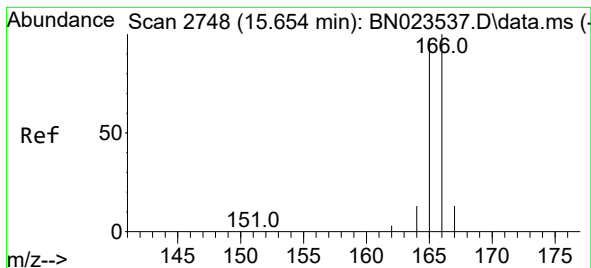
Tgt Ion:152 Resp: 47934
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 1.520 ng/ul
RT: 14.667 min Scan# 2535
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:153 Resp: 41047
Ion Ratio Lower Upper
153 100
152 49.9 39.8 59.8
154 88.0 70.1 105.1





#12

Fluorene

Concen: 1.570 ng/ul

RT: 15.652 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN023539.D

Acq: 03 Jan 2023 16:08

Instrument :

BNA_N

ClientSampleId :

SSTD1.6227

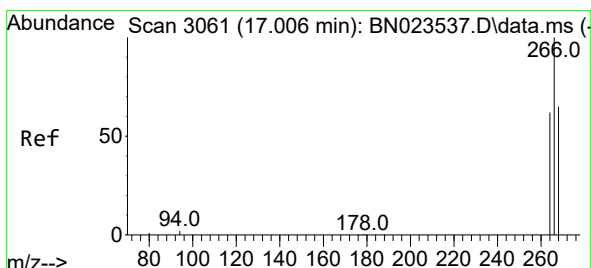
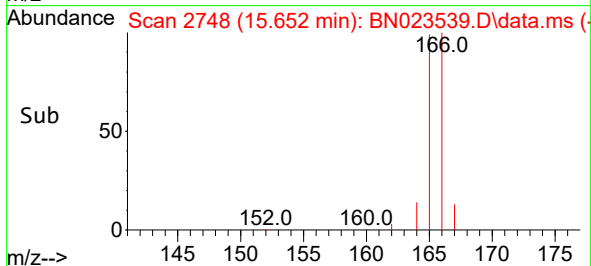
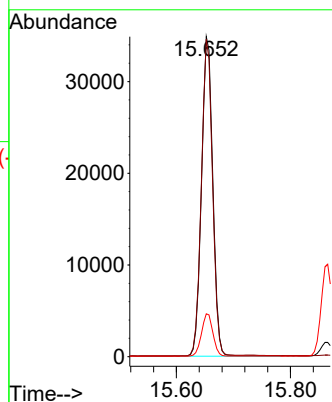
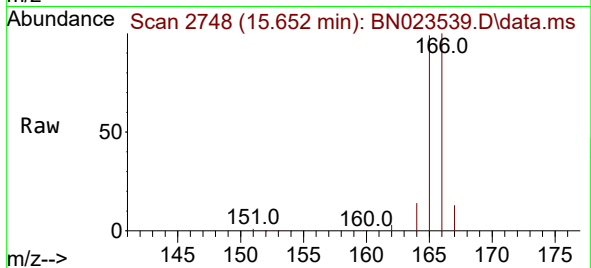
Tgt Ion:166 Resp: 47658

Ion Ratio Lower Upper

166 100

165 99.2 78.7 118.1

167 13.4 11.0 16.6



#14

Pentachlorophenol

Concen: 1.822 ng/ul

RT: 17.005 min Scan# 3061

Delta R.T. -0.001 min

Lab File: BN023539.D

Acq: 03 Jan 2023 16:08

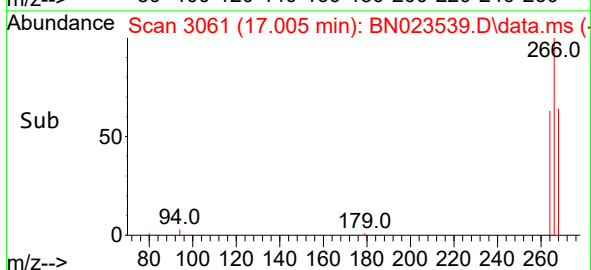
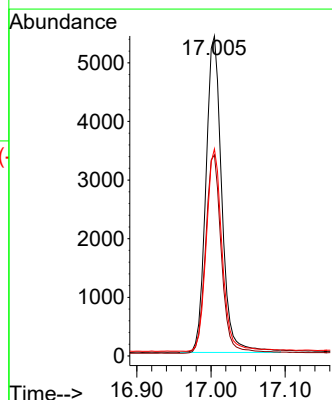
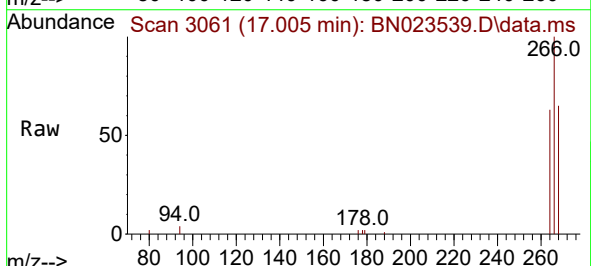
Tgt Ion:266 Resp: 8016

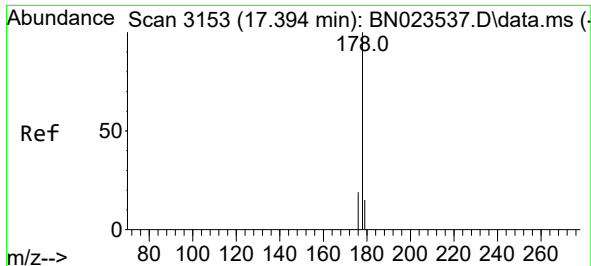
Ion Ratio Lower Upper

266 100

264 62.6 50.0 75.0

268 63.5 51.4 77.0

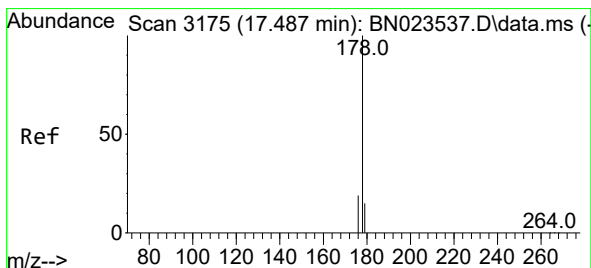
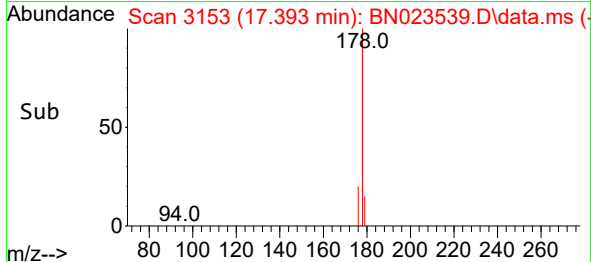
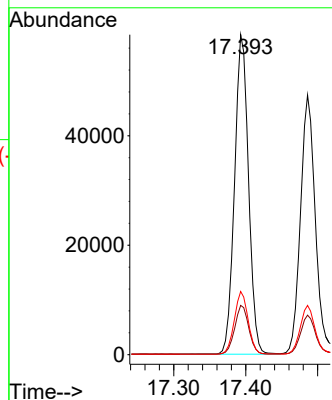
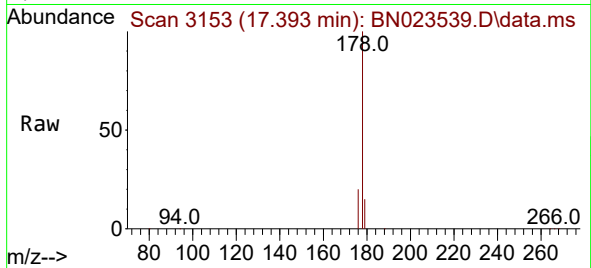




#15
Phenanthrene
Concen: 1.520 ng/ul
RT: 17.393 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

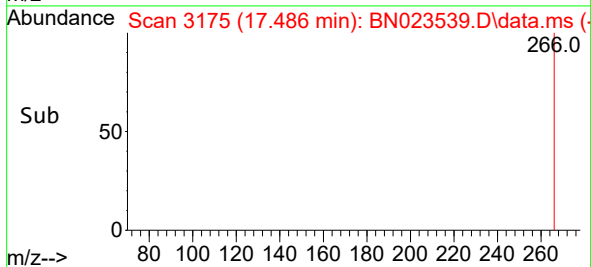
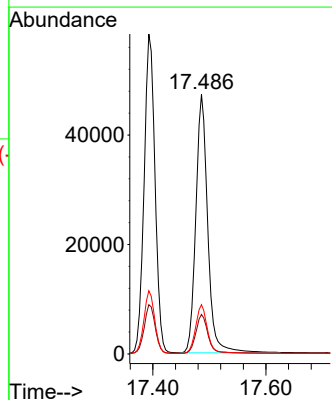
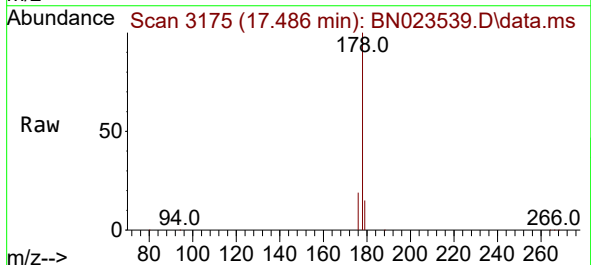
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

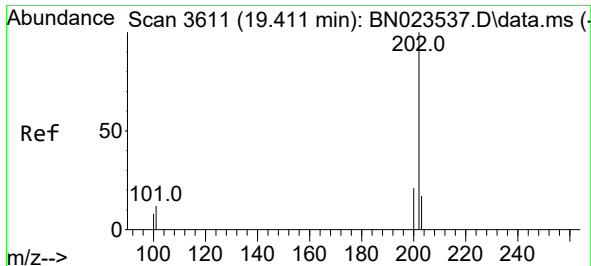
Tgt Ion:178 Resp: 78490
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.8 15.8 23.8



#16
Anthracene
Concen: 1.618 ng/ul
RT: 17.486 min Scan# 3175
Delta R.T. -0.001 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:178 Resp: 69321
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.0 15.4 23.2

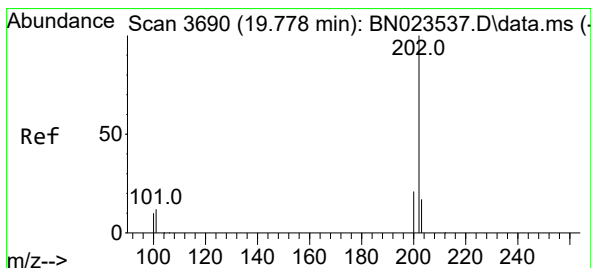
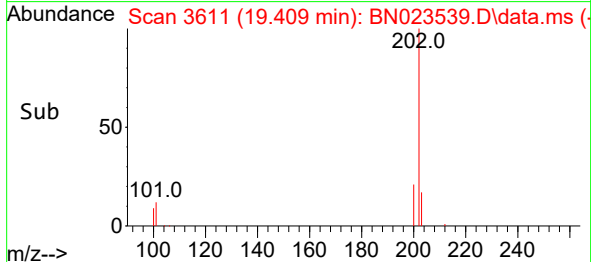
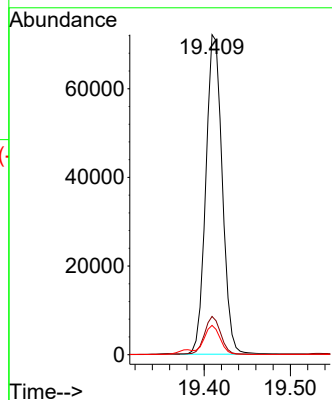
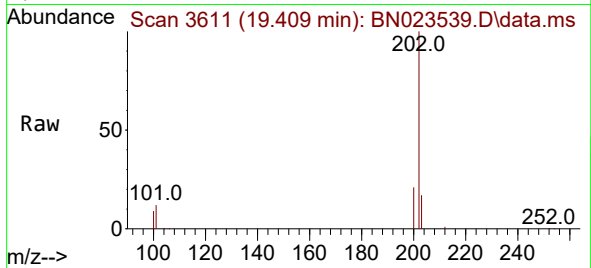




#19
Fluoranthene
Concen: 1.182 ng/ul
RT: 19.409 min Scan# 3611
Delta R.T. -0.002 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

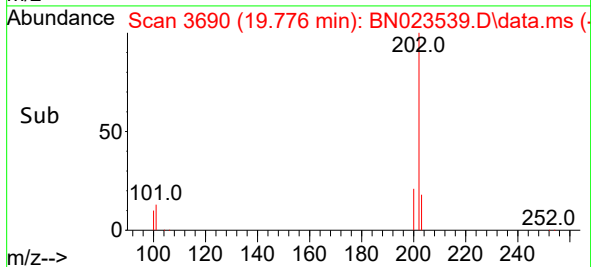
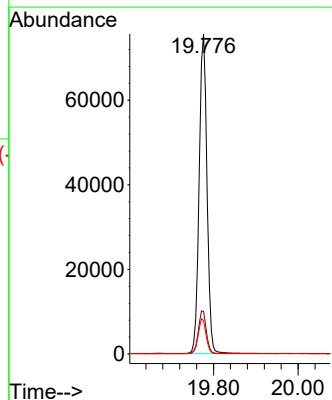
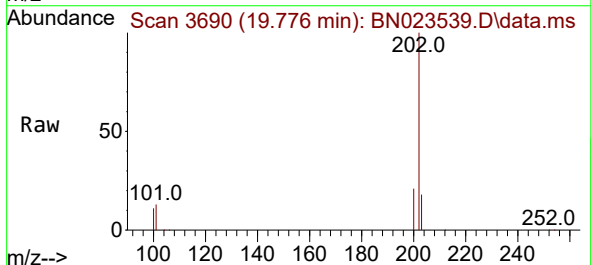
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

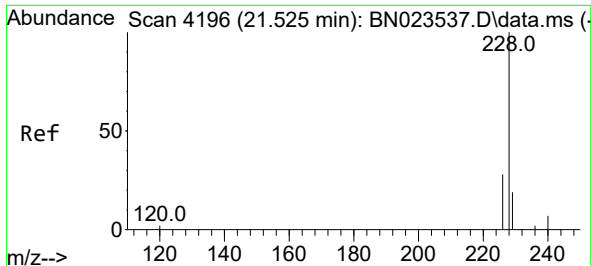
Tgt Ion:202 Resp: 95377
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 9.2 7.4 11.2



#20
Pyrene
Concen: 1.195 ng/ul
RT: 19.776 min Scan# 3690
Delta R.T. -0.002 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:202 Resp: 97226
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 10.5 8.0 12.0

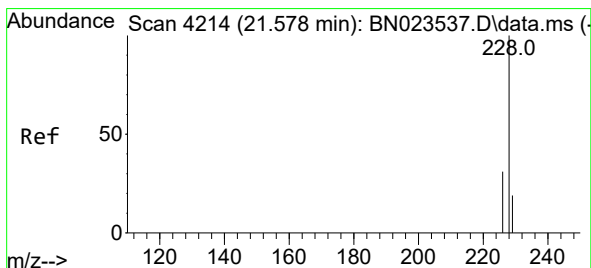
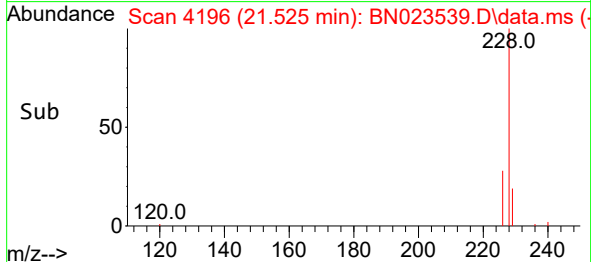
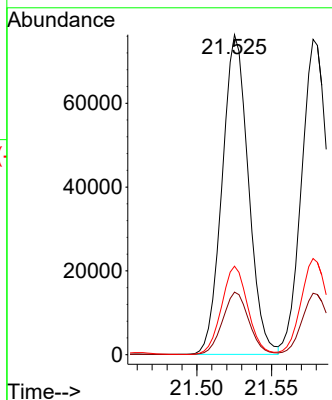
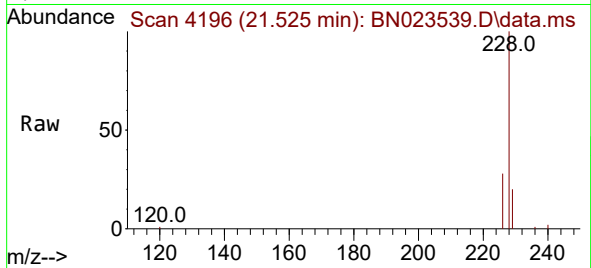




#21
Benzo(a)anthracene
Concen: 1.441 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

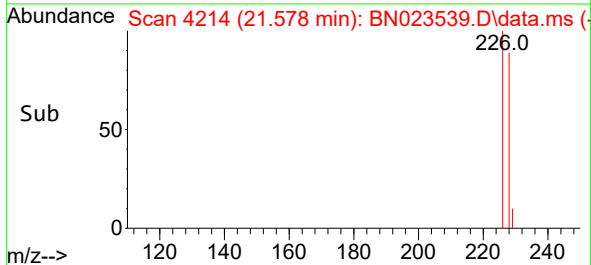
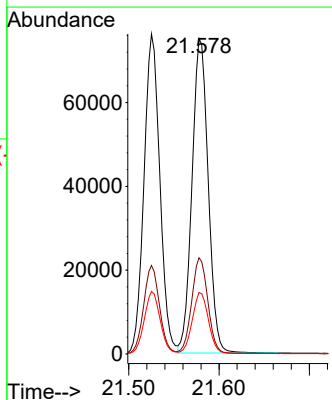
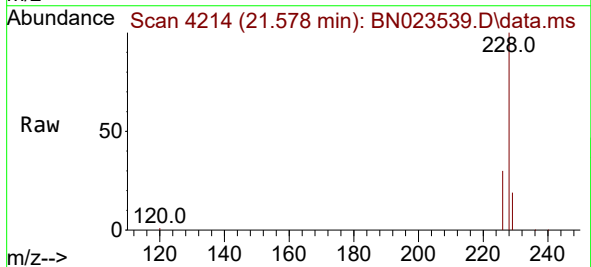
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

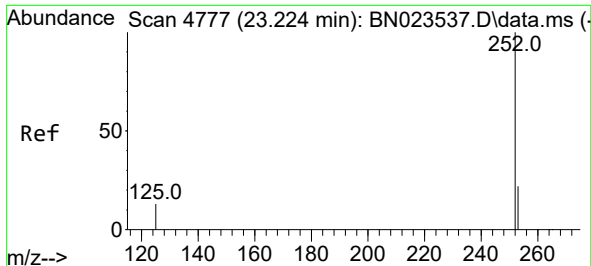
Tgt Ion:	228	Resp:	93345
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.7	22.4	33.6



#22
Chrysene
Concen: 1.416 ng/ul
RT: 21.578 min Scan# 4214
Delta R.T. -0.000 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

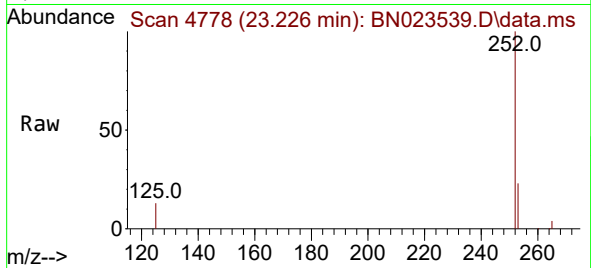
Tgt Ion:	228	Resp:	93301
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.5	15.8	23.6



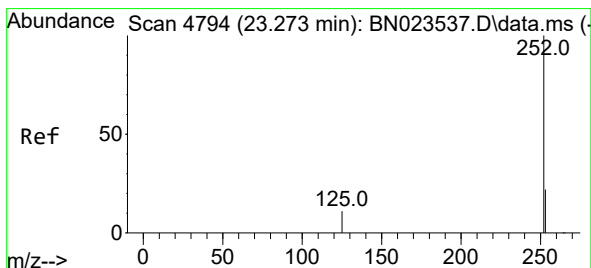
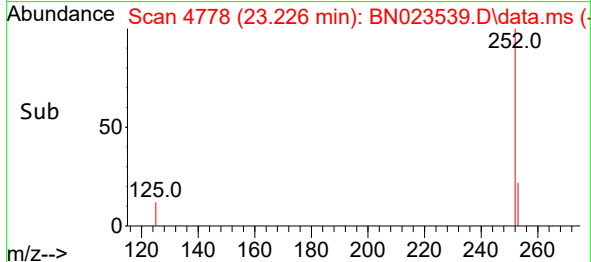
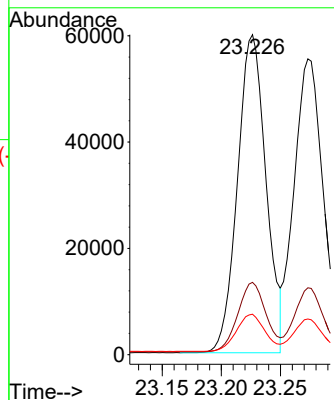


#24
Benzo(b)fluoranthene
Concen: 1.387 ng/ul
RT: 23.226 min Scan# 4777
Delta R.T. 0.003 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

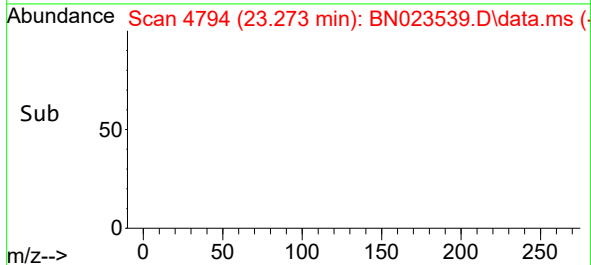
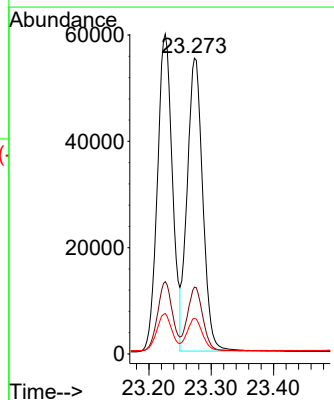
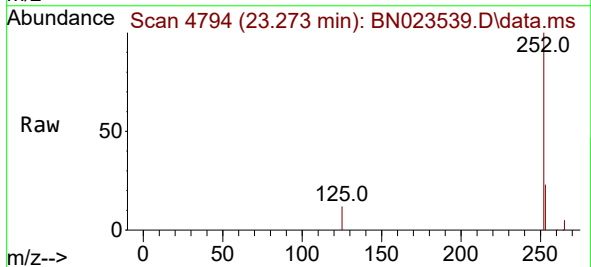


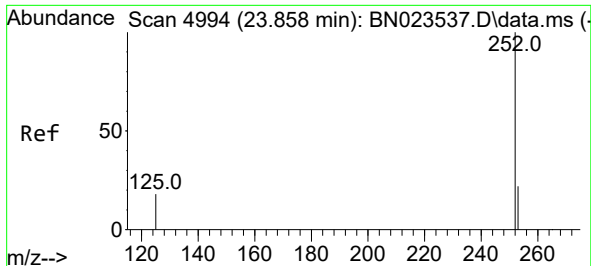
Tgt Ion:252 Resp: 100263
Ion Ratio Lower Upper
252 100
253 22.6 0.0 49.2
125 12.7 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 1.408 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:252 Resp: 95596
Ion Ratio Lower Upper
252 100
253 22.6 20.2 30.2
125 12.0 12.1 18.1#

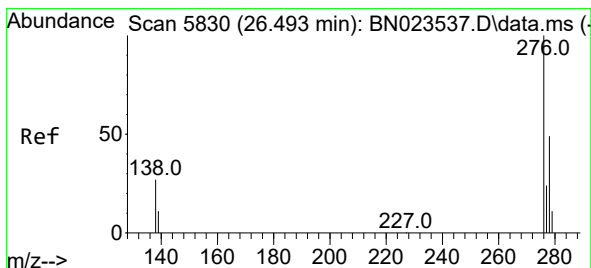
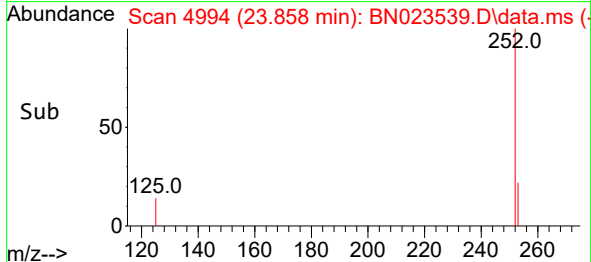
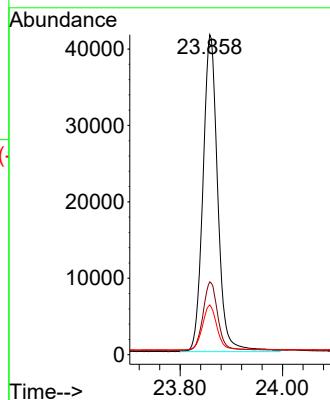
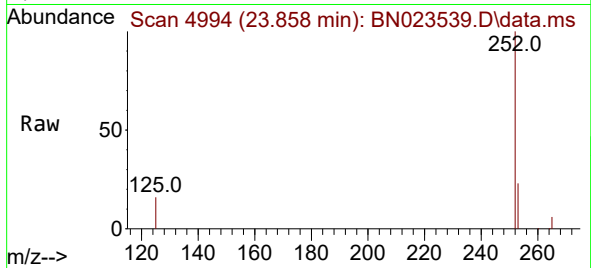




#26
Benzo(a)pyrene
Concen: 1.453 ng/ul
RT: 23.858 min Scan# 4994
Delta R.T. -0.000 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

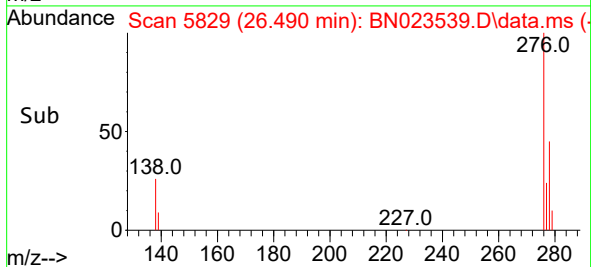
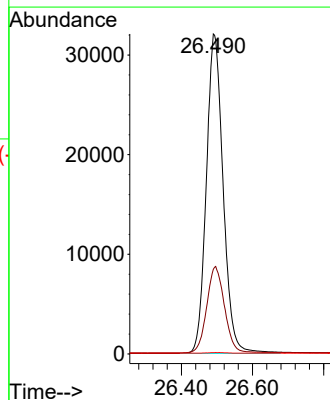
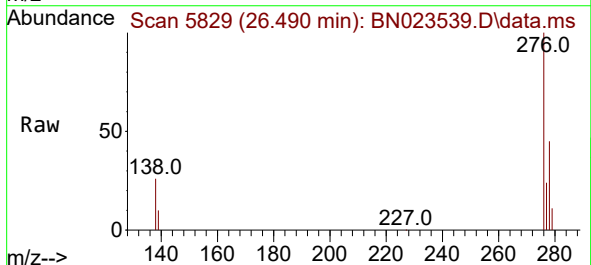
Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

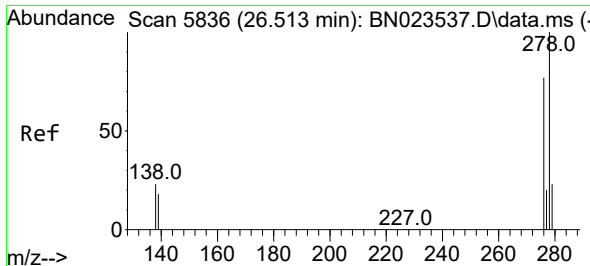
Tgt Ion:252 Resp: 83159
Ion Ratio Lower Upper
252 100
253 22.7 21.4 32.0
125 15.5 18.4 27.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.576 ng/ul
RT: 26.490 min Scan# 5829
Delta R.T. -0.004 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:276 Resp: 105270
Ion Ratio Lower Upper
276 100
138 28.6 23.2 34.8
227 0.2 0.1 0.1#

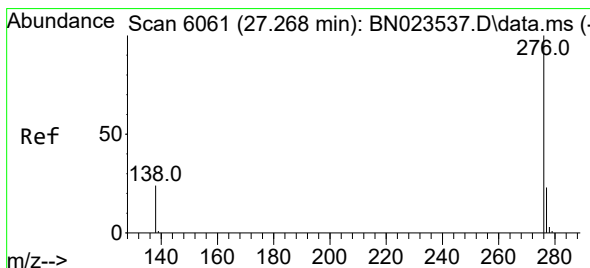
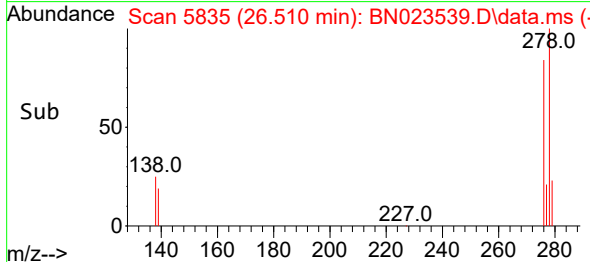
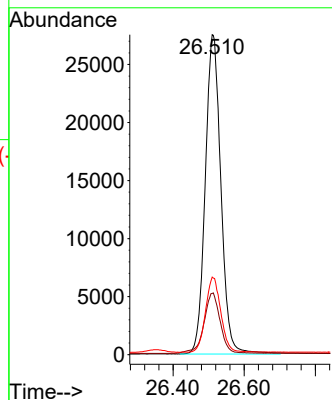
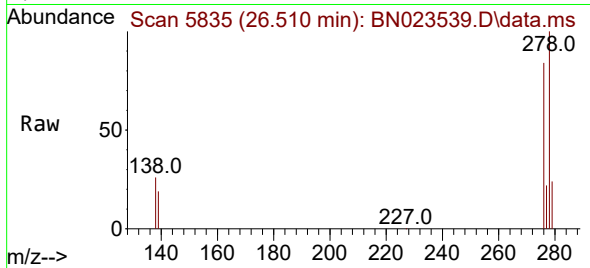




#28
Dibenzo(a,h)anthracene
Concen: 1.620 ng/ul
RT: 26.510 min Scan# 5835
Delta R.T. -0.004 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:278 Resp: 83952
Ion Ratio Lower Upper
278 100
139 19.2 16.5 24.7
279 24.2 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 1.521 ng/ul
RT: 27.271 min Scan# 6062
Delta R.T. 0.003 min
Lab File: BN023539.D
Acq: 03 Jan 2023 16:08

Tgt Ion:276 Resp: 82811
Ion Ratio Lower Upper
276 100
138 24.7 20.7 31.1
277 23.5 19.6 29.4

