

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010423\
 Data File : BN023547.D
 Acq On : 04 Jan 2023 10:33
 Operator : CG/JU
 Sample : PB149985BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 04 12:57:25 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 00:28:51 2023
 Response via : Initial Calibration

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

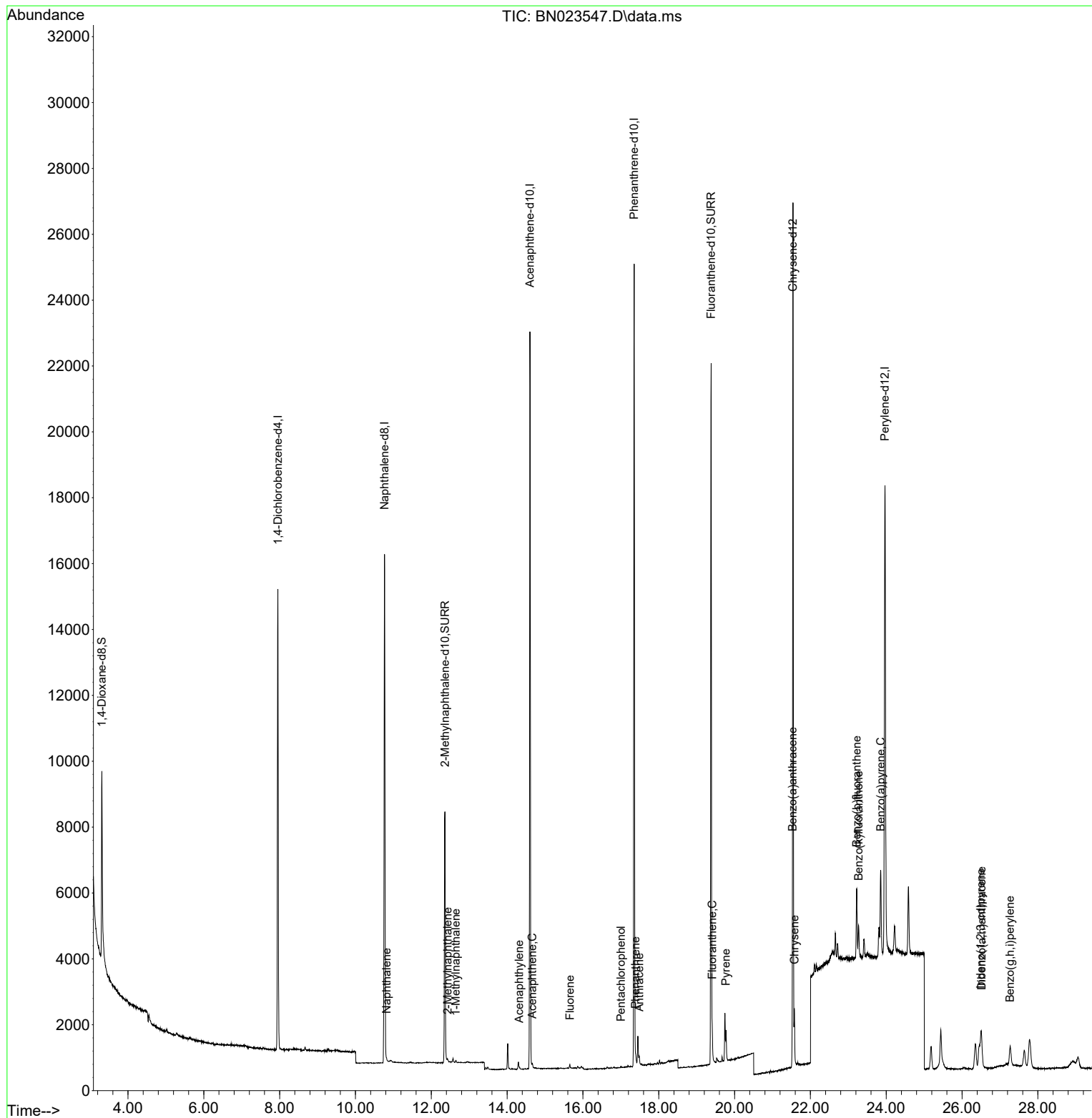
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	6986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	20975	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	11705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	26964	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	22731	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	20815	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	4410	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	9832	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	22452	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.819	128	98	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.431	142	54	0.001	ng/ul#	69
8) 1-Methylnaphthalene	12.645	142	53	0.001	ng/ul	94
10) Acenaphthylene	14.320	152	69	0.001	ng/ul#	1
11) Acenaphthene	14.662	153	58	0.001	ng/ul#	80
12) Fluorene	15.657	166	78	0.002	ng/ul#	41
14) Pentachlorophenol	17.000	266	35	0.004	ng/ul	88
15) Phenanthrene	17.389	178	231	0.003	ng/ul#	18
16) Anthracene	17.486	178	271	0.004	ng/ul#	24
19) Fluoranthene	19.409	202	719	0.008	ng/ul#	71
20) Pyrene	19.772	202	757	0.008	ng/ul#	69
21) Benzo(a)anthracene	21.525	228	1177	0.014	ng/ul#	91
22) Chrysene	21.578	228	1261	0.015	ng/ul#	94
24) Benzo(b)fluoranthene	23.223	252	1503	0.016	ng/ul#	1
25) Benzo(k)fluoranthene	23.270	252	1322	0.015	ng/ul#	13
26) Benzo(a)pyrene	23.858	252	1273	0.016	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.493	276	1594	0.016	ng/ul#	46
28) Dibenzo(a,h)anthracene	26.513	278	1302	0.017	ng/ul#	43
29) Benzo(g,h,i)perylene	27.265	276	1275	0.016	ng/ul#	65

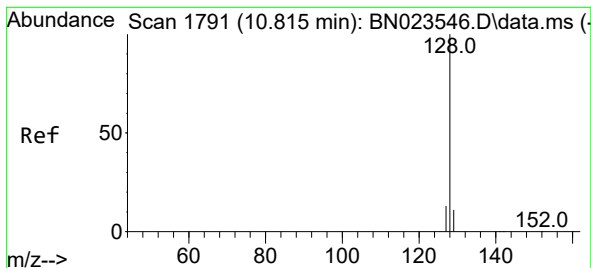
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.002 ng/ul

RT: 10.819 min Scan# 1792

Delta R.T. -0.001 min

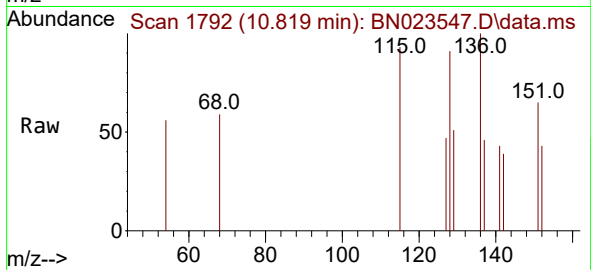
Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

Instrument :

BNA_N

ClientSampleId :



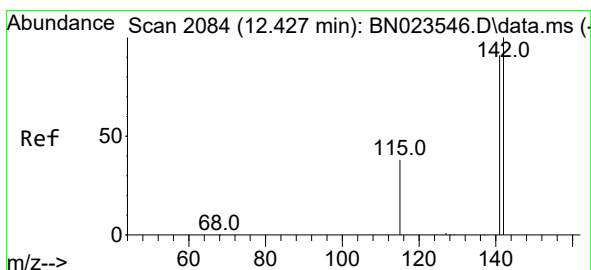
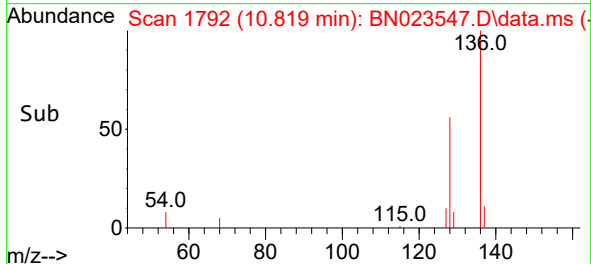
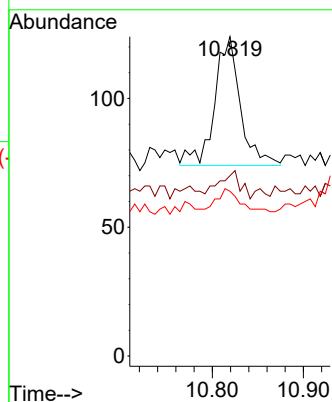
Tgt Ion:128 Resp: 98

Ion Ratio Lower Upper

128 100

129 56.5 9.3 13.9#

127 51.6 10.9 16.3#



#7

2-Methylnaphthalene

Concen: 0.001 ng/ul

RT: 12.431 min Scan# 2085

Delta R.T. -0.001 min

Lab File: BN023547.D

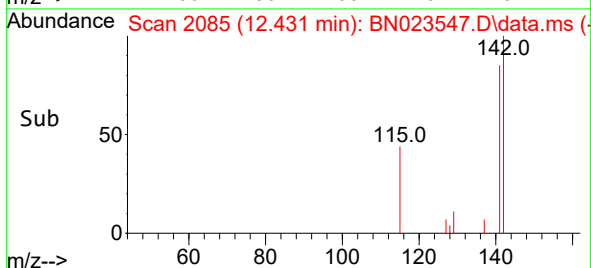
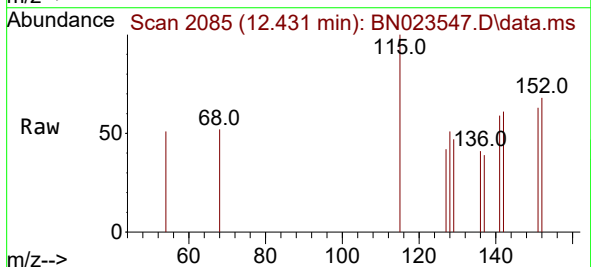
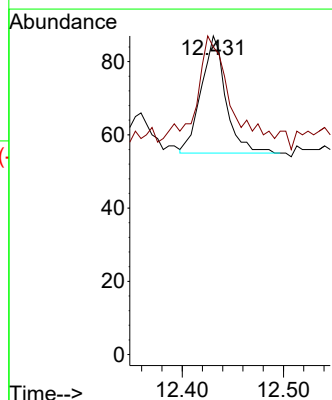
Acq: 04 Jan 2023 10:33

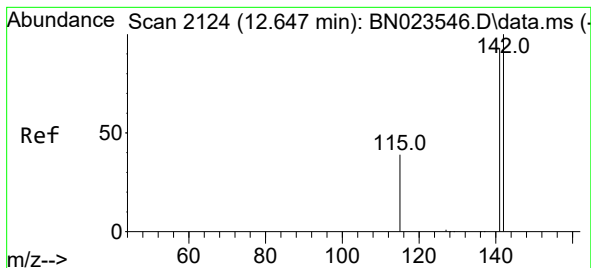
Tgt Ion:142 Resp: 54

Ion Ratio Lower Upper

142 100

141 118.5 71.4 107.2#





#8

1-Methylnaphthalene

Concen: 0.001 ng/ul

RT: 12.645 min Scan# 2124

Delta R.T. -0.007 min

Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

Instrument :

BNA_N

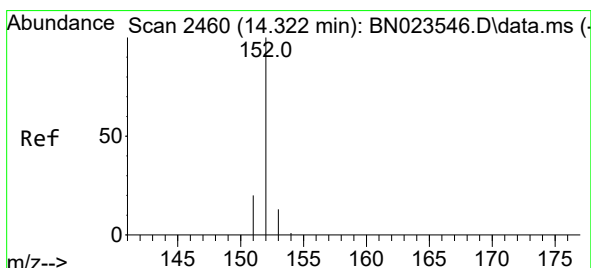
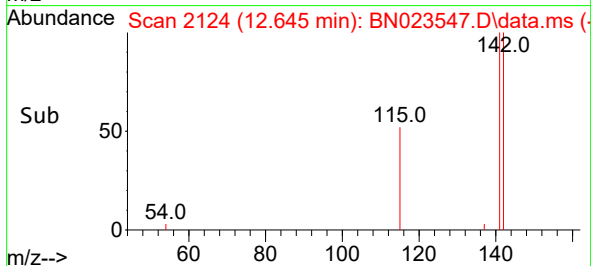
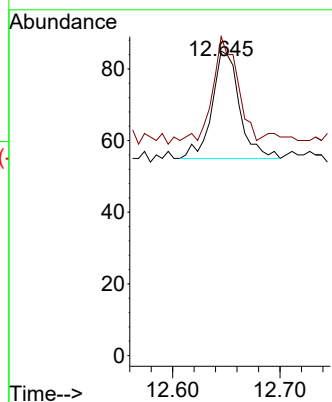
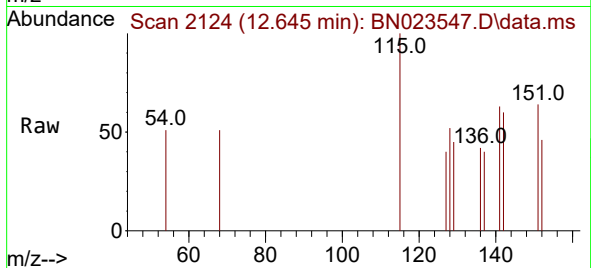
ClientSampleId :

Tgt Ion:142 Resp: 53

Ion Ratio Lower Upper

142 100

141 86.8 74.1 111.1



#10

Acenaphthylene

Concen: 0.001 ng/ul

RT: 14.320 min Scan# 2460

Delta R.T. -0.006 min

Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

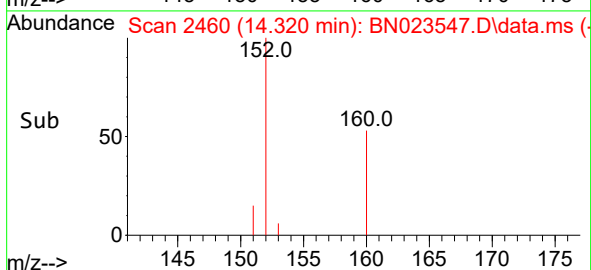
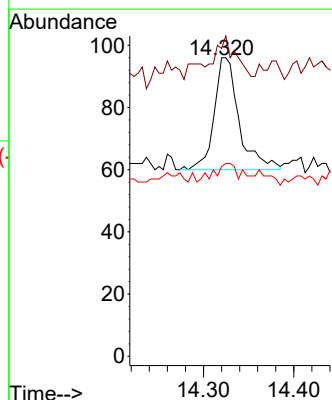
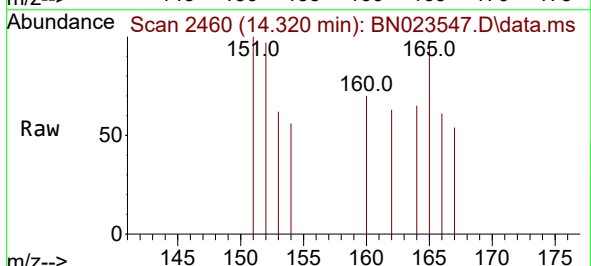
Tgt Ion:152 Resp: 69

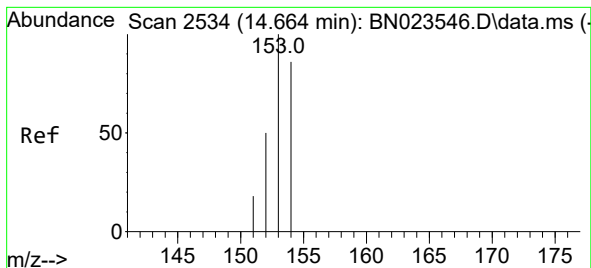
Ion Ratio Lower Upper

152 100

151 103.1 16.3 24.5#

153 63.5 10.7 16.1#





#11

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.662 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

Instrument :

BNA_N

ClientSampleId :

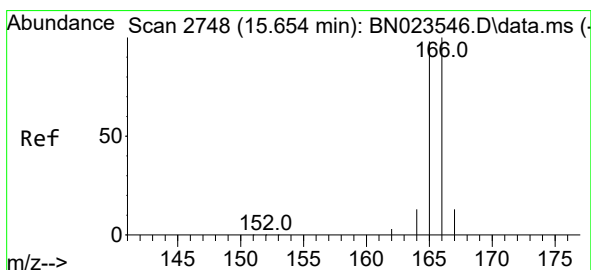
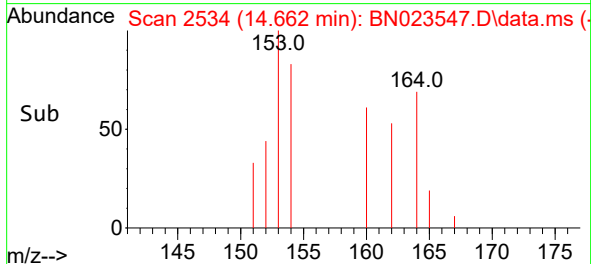
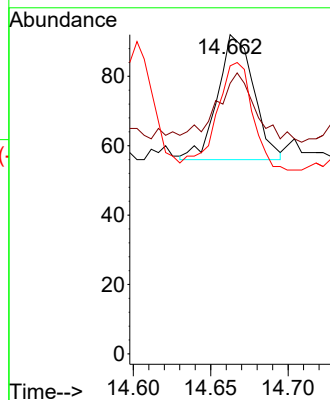
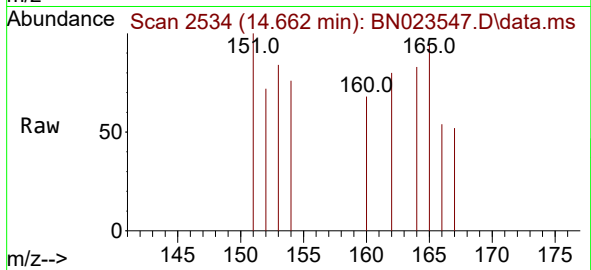
Tgt Ion:153 Resp: 58

Ion Ratio Lower Upper

153 100

152 84.8 39.8 59.8#

154 90.2 70.1 105.1



#12

Fluorene

Concen: 0.002 ng/ul

RT: 15.657 min Scan# 2749

Delta R.T. 0.003 min

Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

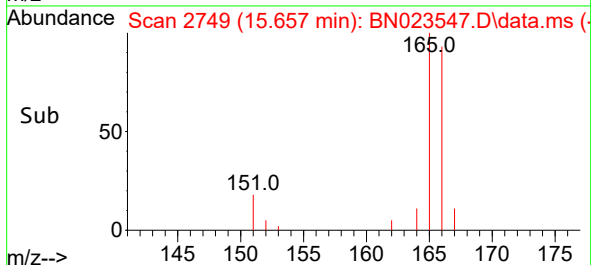
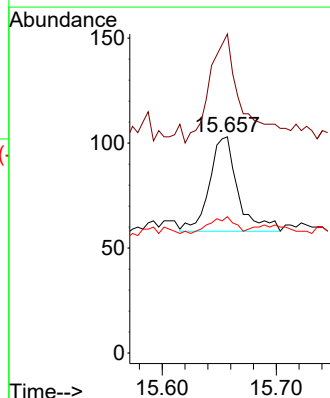
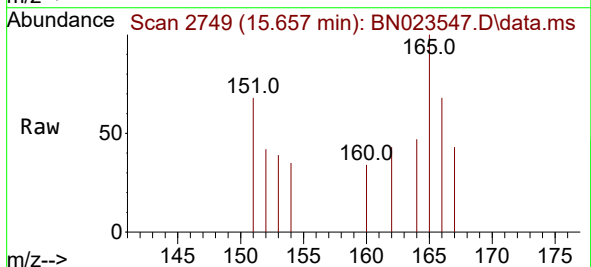
Tgt Ion:166 Resp: 78

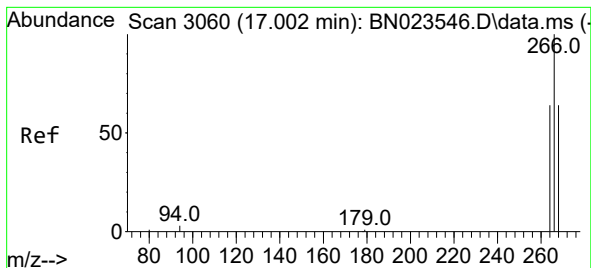
Ion Ratio Lower Upper

166 100

165 147.6 78.7 118.1#

167 63.1 11.0 16.6#





#14

Pentachlorophenol

Concen: 0.004 ng/ul

RT: 17.000 min Scan# 3060

Delta R.T. -0.006 min

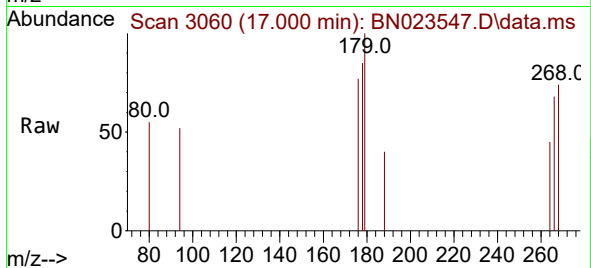
Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

Instrument :

BNA_N

ClientSampleId :



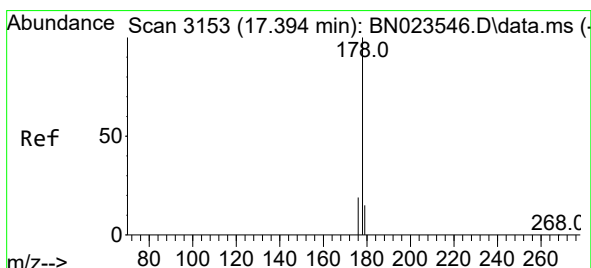
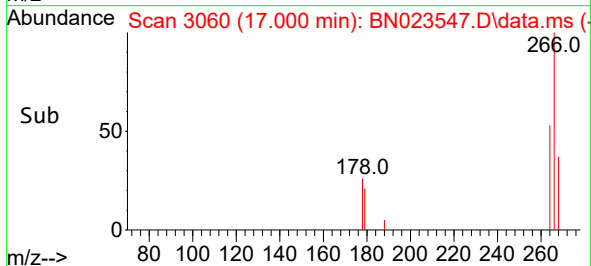
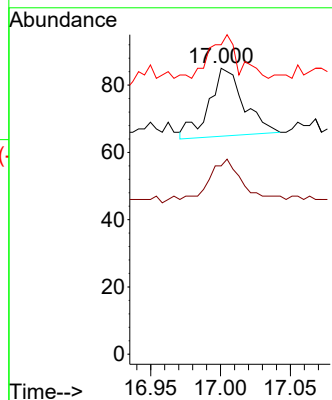
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 68.6 50.0 75.0

268 51.4 51.4 77.0



#15

Phenanthrene

Concen: 0.003 ng/ul

RT: 17.389 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

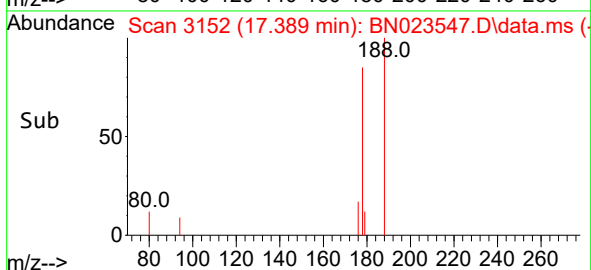
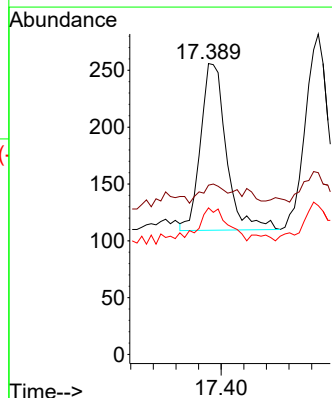
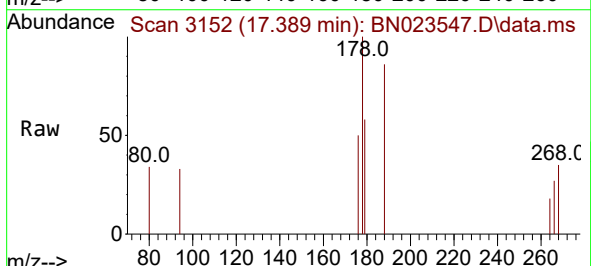
Tgt Ion:178 Resp: 231

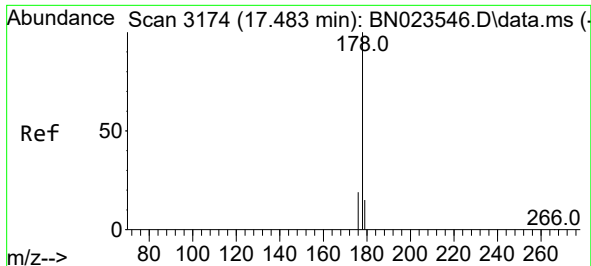
Ion Ratio Lower Upper

178 100

179 58.2 12.6 18.8#

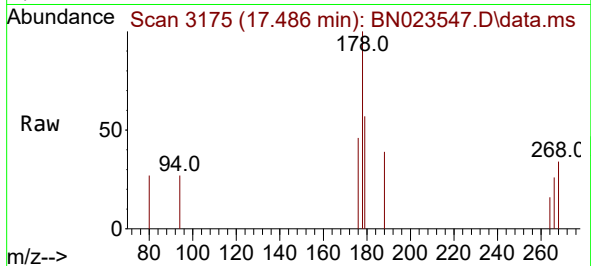
176 50.4 15.8 23.8#



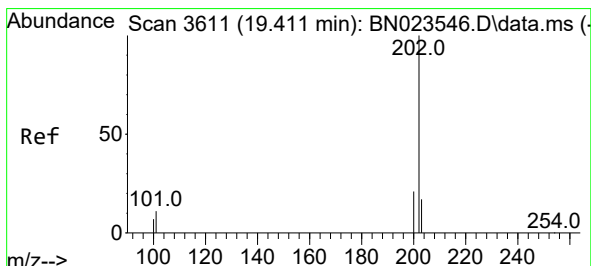
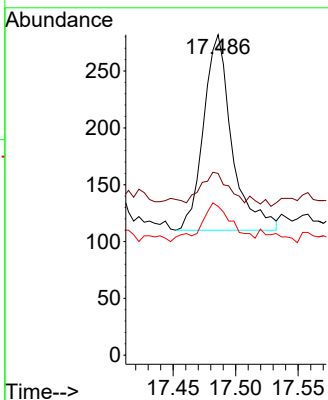
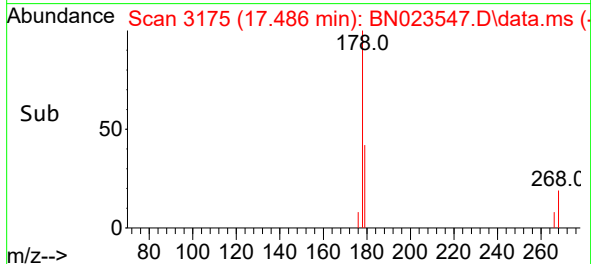


#16
 Anthracene
 Concen: 0.004 ng/ul
 RT: 17.486 min Scan# 3175
 Delta R.T. -0.001 min
 Lab File: BN023547.D
 Acq: 04 Jan 2023 10:33

Instrument :
 BNA_N
 ClientSampleId :

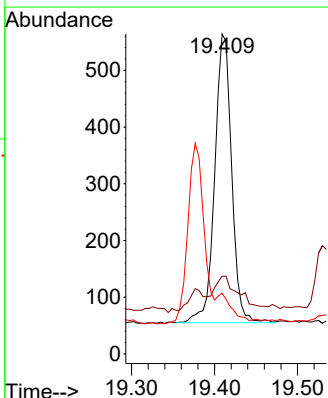
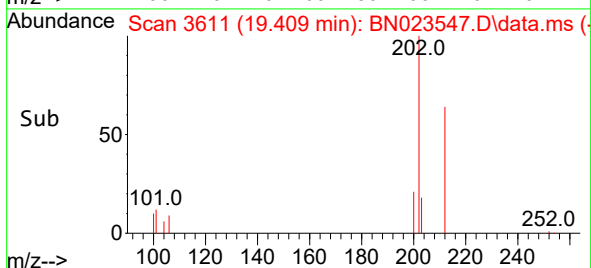
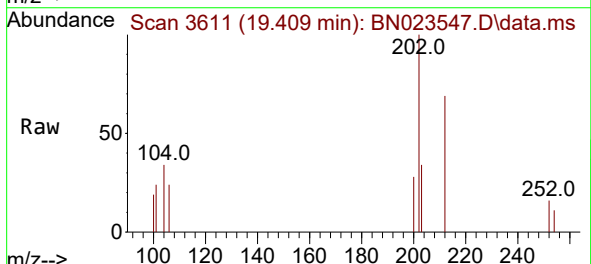


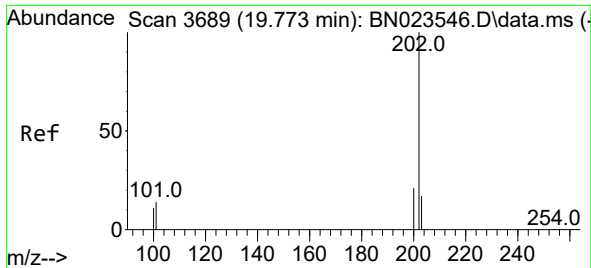
Tgt Ion:178 Resp: 271
 Ion Ratio Lower Upper
 178 100
 179 56.7 12.7 19.1#
 176 46.5 15.4 23.2#



#19
 Fluoranthene
 Concen: 0.008 ng/ul
 RT: 19.409 min Scan# 3611
 Delta R.T. -0.002 min
 Lab File: BN023547.D
 Acq: 04 Jan 2023 10:33

Tgt Ion:202 Resp: 719
 Ion Ratio Lower Upper
 202 100
 101 24.3 9.8 14.6#
 100 19.0 7.4 11.2#

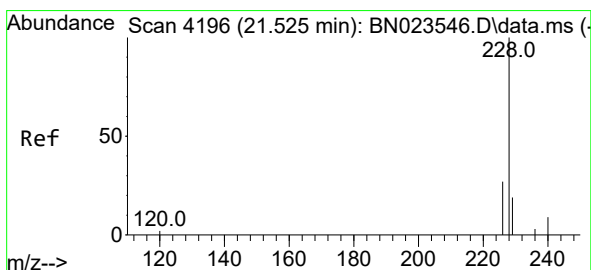
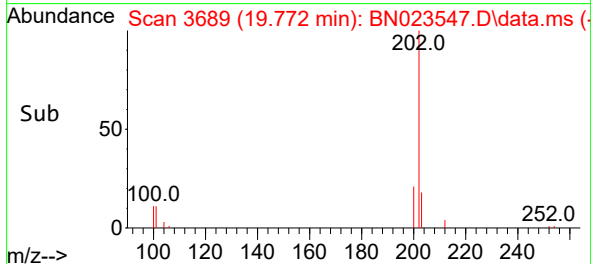
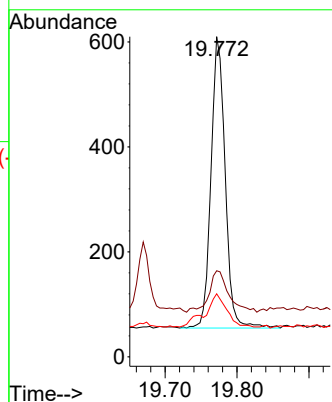
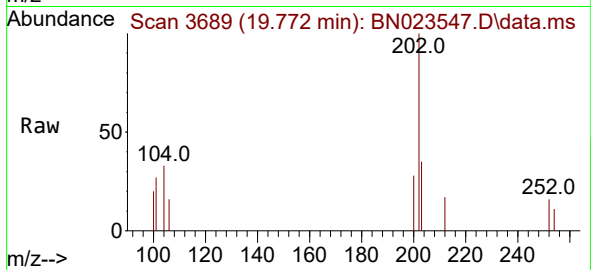




#20
Pyrene
Concen: 0.008 ng/ul
RT: 19.772 min Scan# 3689
Delta R.T. -0.006 min
Lab File: BN023547.D
Acq: 04 Jan 2023 10:33

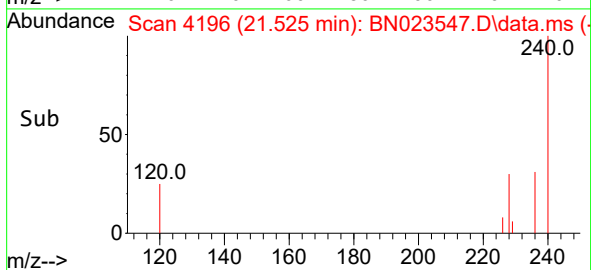
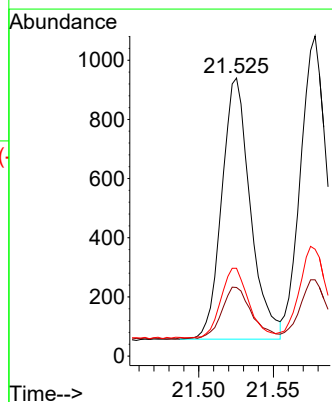
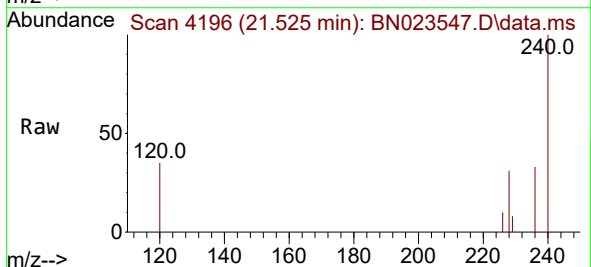
Instrument :
BNA_N
ClientSampleId :

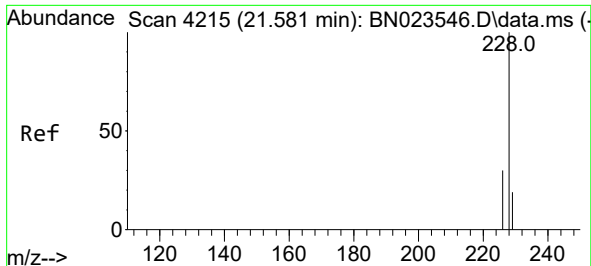
Tgt Ion:202 Resp: 757
Ion Ratio Lower Upper
202 100
101 26.9 10.3 15.5#
100 19.7 8.0 12.0#



#21
Benzo(a)anthracene
Concen: 0.014 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BN023547.D
Acq: 04 Jan 2023 10:33

Tgt Ion:228 Resp: 1177
Ion Ratio Lower Upper
228 100
229 24.7 15.5 23.3#
226 31.6 22.4 33.6





#22

Chrysene

Concen: 0.015 ng/ul

RT: 21.578 min Scan# 4215

Delta R.T. -0.000 min

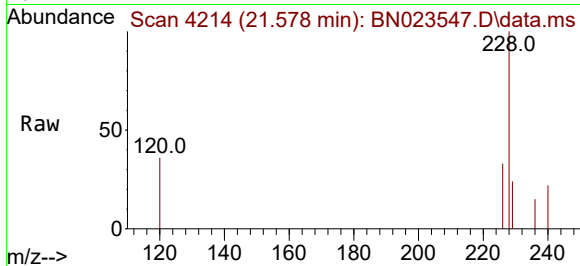
Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

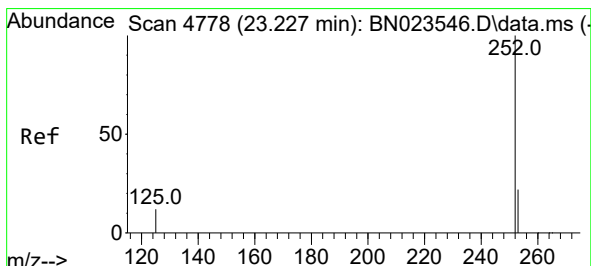
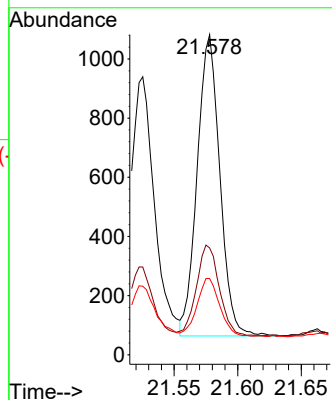
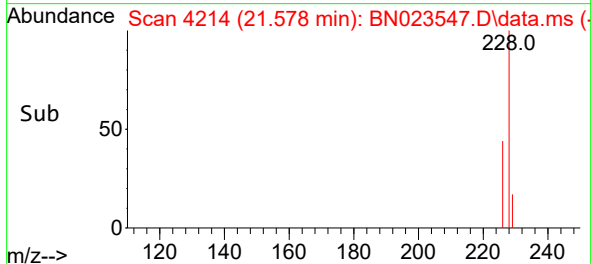
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	228	Resp:	1261
Ion Ratio	100	Lower	Upper
226	33.4	24.9	37.3
229	23.8	15.8	23.6#



#24

Benzo(b)fluoranthene

Concen: 0.016 ng/ul

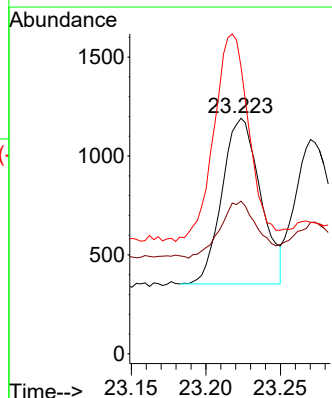
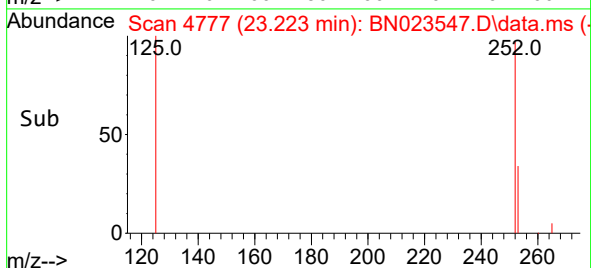
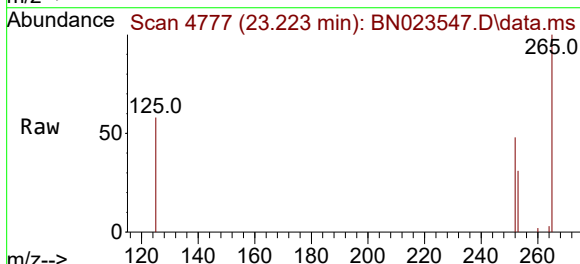
RT: 23.223 min Scan# 4777

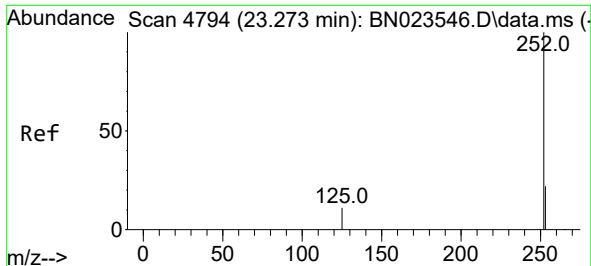
Delta R.T. -0.000 min

Lab File: BN023547.D

Acq: 04 Jan 2023 10:33

Tgt Ion:	252	Resp:	1503
Ion Ratio	100	Lower	Upper
253	64.8	0.0	49.2#
125	122.0	0.0	34.2#

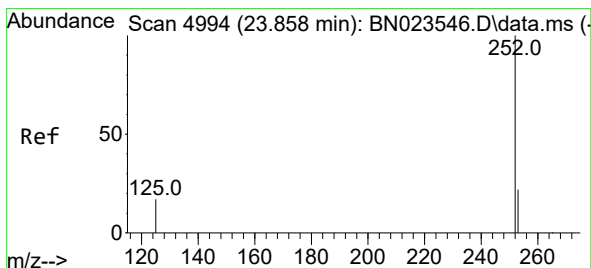
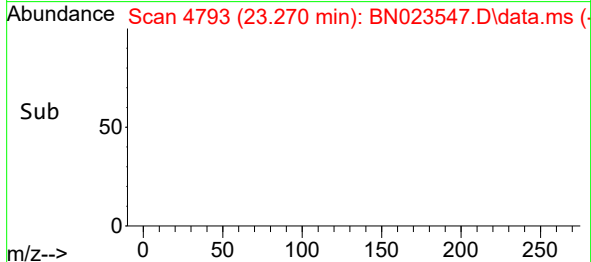
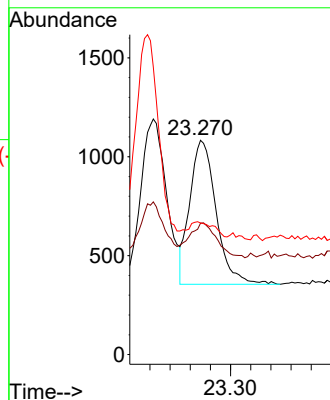
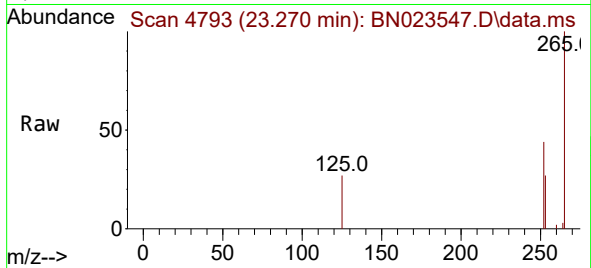




#25
Benzo(k)fluoranthene
Concen: 0.015 ng/ul
RT: 23.270 min Scan# 4794
Delta R.T. -0.003 min
Lab File: BN023547.D
Acq: 04 Jan 2023 10:33

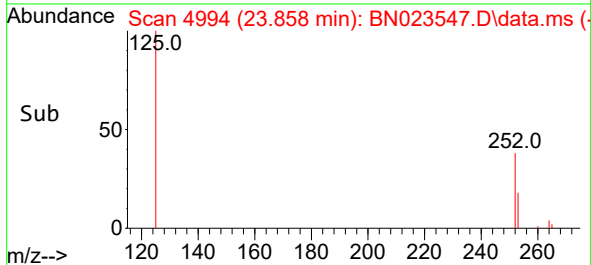
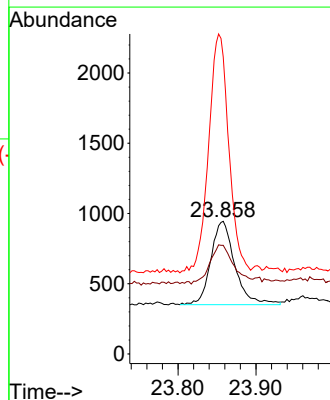
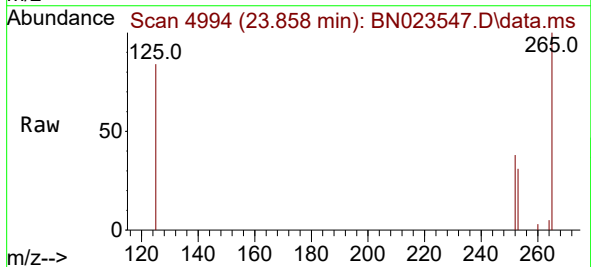
Instrument :
BNA_N
ClientSampleId :

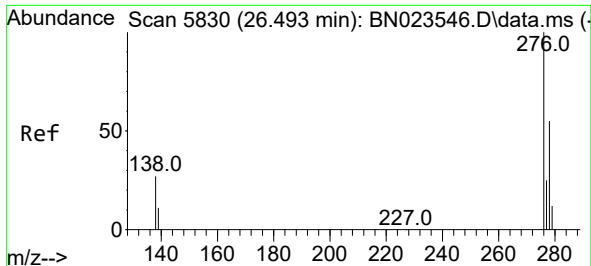
Tgt Ion:252 Resp: 1322
Ion Ratio Lower Upper
252 100
253 61.3 20.2 30.2#
125 61.4 12.1 18.1#



#26
Benzo(a)pyrene
Concen: 0.016 ng/ul
RT: 23.858 min Scan# 4994
Delta R.T. -0.000 min
Lab File: BN023547.D
Acq: 04 Jan 2023 10:33

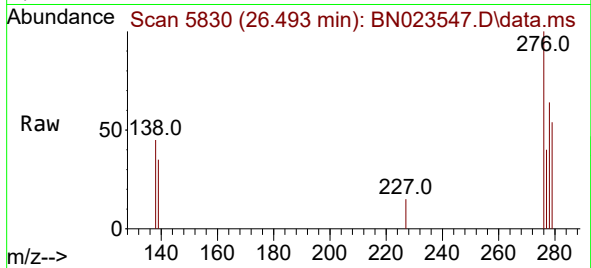
Tgt Ion:252 Resp: 1273
Ion Ratio Lower Upper
252 100
253 82.0 21.4 32.0#
125 223.9 18.4 27.6#



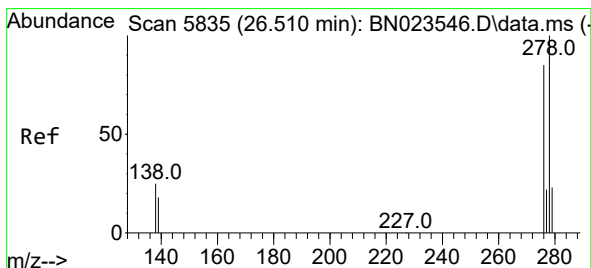
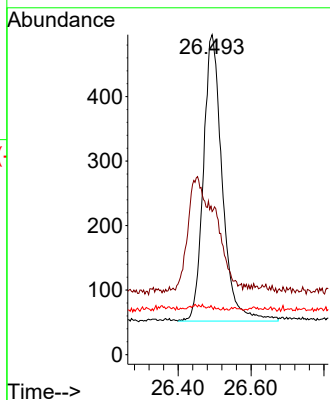
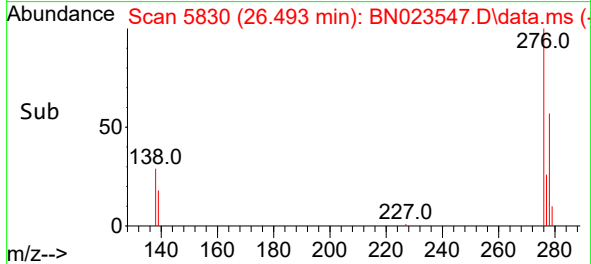


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.016 ng/ul
 RT: 26.493 min Scan# 5830
 Delta R.T. -0.000 min
 Lab File: BN023547.D
 Acq: 04 Jan 2023 10:33

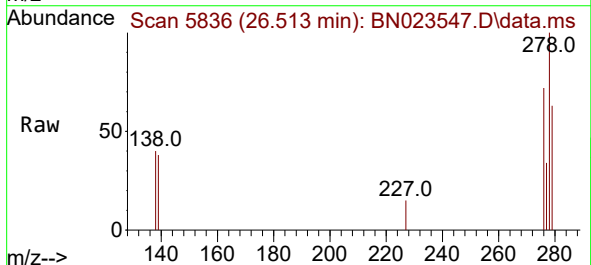
Instrument :
 BNA_N
 ClientSampleId :



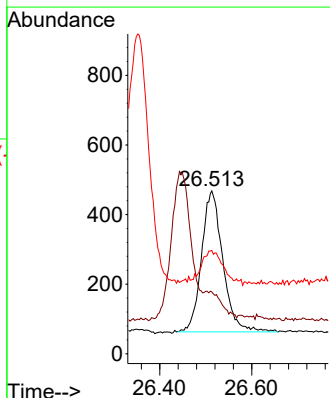
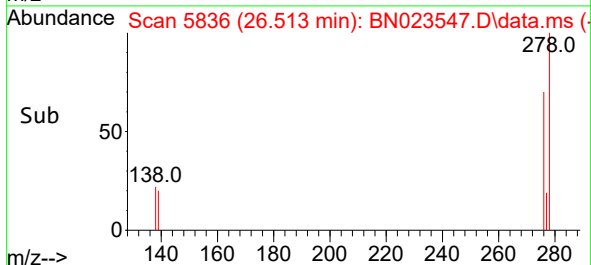
Tgt Ion:276 Resp: 1594
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.2 34.8#
 227 0.2 0.1 0.1#

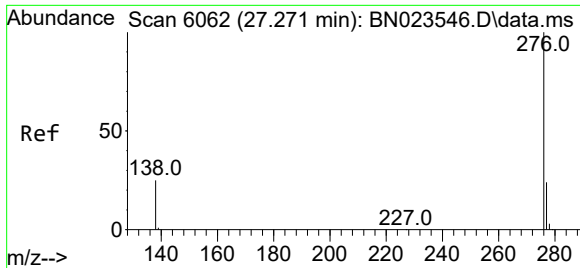


#28
 Dibenzo(a,h)anthracene
 Concen: 0.017 ng/ul
 RT: 26.513 min Scan# 5836
 Delta R.T. -0.000 min
 Lab File: BN023547.D
 Acq: 04 Jan 2023 10:33



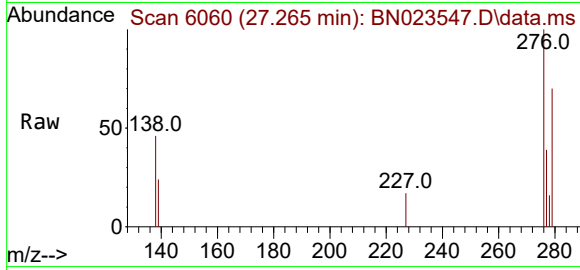
Tgt Ion:278 Resp: 1302
 Ion Ratio Lower Upper
 278 100
 139 38.0 16.5 24.7#
 279 63.5 21.0 31.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.016 ng/ul
 RT: 27.265 min Scan# 6060
 Delta R.T. -0.003 min
 Lab File: BN023547.D
 Acq: 04 Jan 2023 10:33

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 1275
 Ion Ratio Lower Upper
 276 100
 138 45.9 20.7 31.1#
 277 39.3 19.6 29.4#

