

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
 Data File : BN023849.D
 Acq On : 30 Jan 2023 17:29
 Operator : CG/JU
 Sample : SSTD1.674
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6234

Quant Time: Jan 31 01:46:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 31 01:40:05 2023
 Response via : Initial Calibration

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

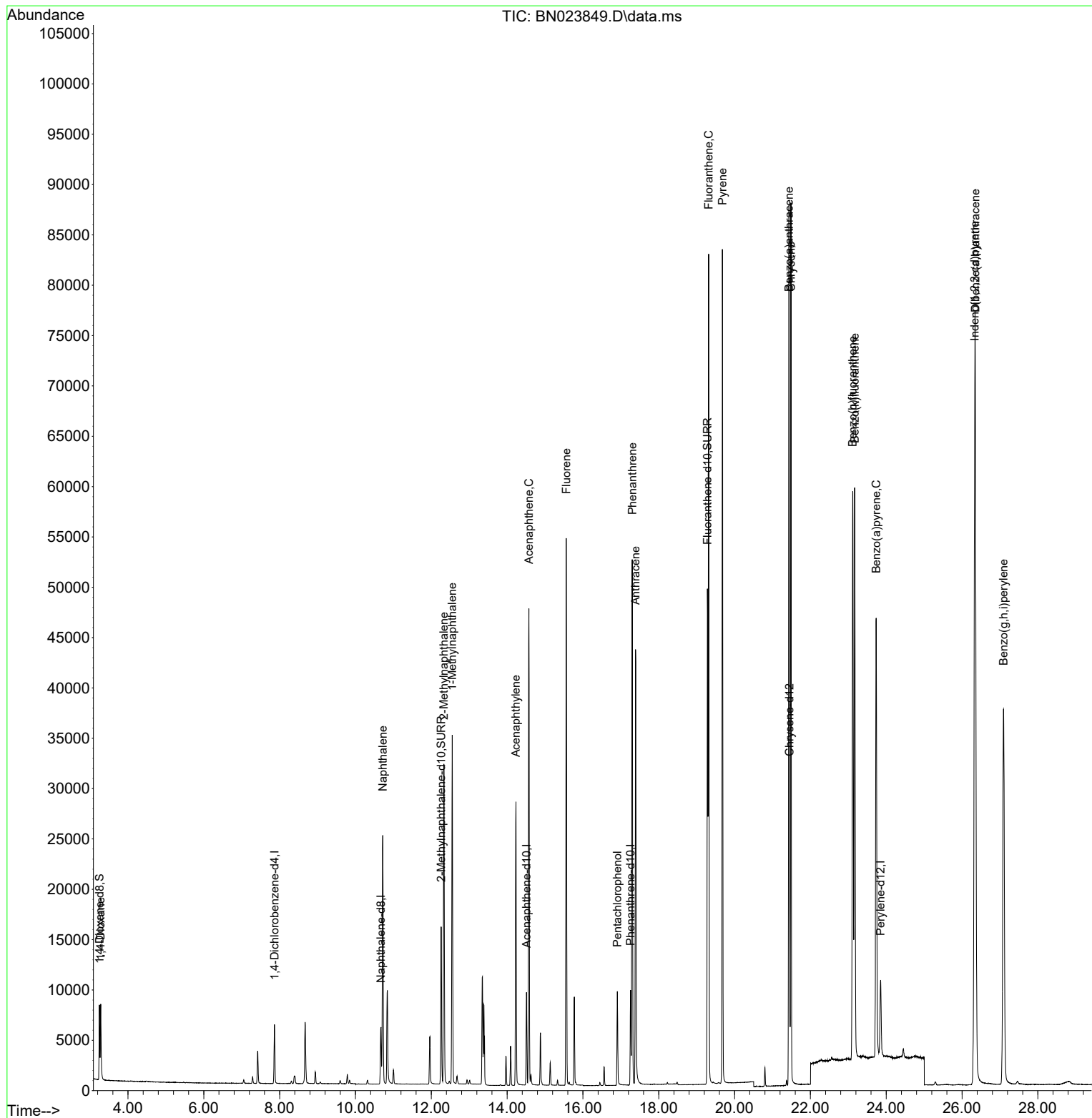
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2916	0.400	ng/ul	0.00
4) Naphthalene-d8	10.671	136	7588	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	4880	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.258	188	11275	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	13085	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	11089	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.247	96	4876	1.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.260	152	19334	1.658	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	55174	1.440	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	5191	1.533	ng/ul#	83
5) Naphthalene	10.720	128	32747	1.500	ng/ul	98
7) 2-Methylnaphthalene	12.331	142	21952	1.566	ng/ul	100
8) 1-Methylnaphthalene	12.551	142	22382	1.561	ng/ul	100
10) Acenaphthylene	14.232	152	30818	1.549	ng/ul	98
11) Acenaphthene	14.574	153	26190	1.493	ng/ul	98
12) Fluorene	15.560	166	31980	1.586	ng/ul	99
14) Pentachlorophenol	16.907	266	6005	1.651	ng/ul	99
15) Phenanthrene	17.300	178	53579	1.520	ng/ul	99
16) Anthracene	17.389	178	47450	1.571	ng/ul	98
19) Fluoranthene	19.316	202	68347	1.380	ng/ul	100
20) Pyrene	19.678	202	68594	1.316	ng/ul	99
21) Benzo(a)anthracene	21.434	228	70391	1.456	ng/ul	99
22) Chrysene	21.487	228	71163	1.461	ng/ul	99
24) Benzo(b)fluoranthene	23.115	252	78595	1.531	ng/ul	94
25) Benzo(k)fluoranthene	23.168	252	77720	1.609	ng/ul#	94
26) Benzo(a)pyrene	23.735	252	67241	1.575	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.335	276	93714	1.769	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.349	278	75498	1.797	ng/ul	96
29) Benzo(g,h,i)perylene	27.096	276	75603	1.783	ng/ul	98

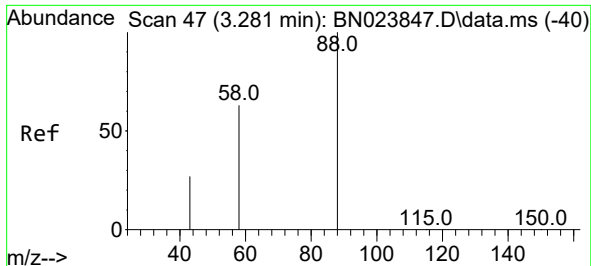
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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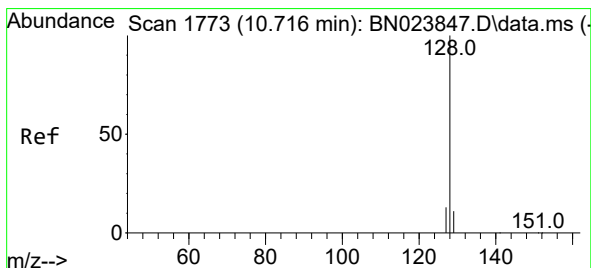
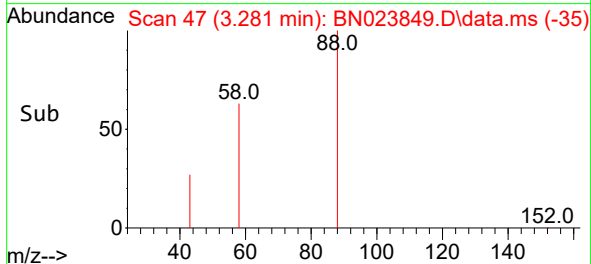
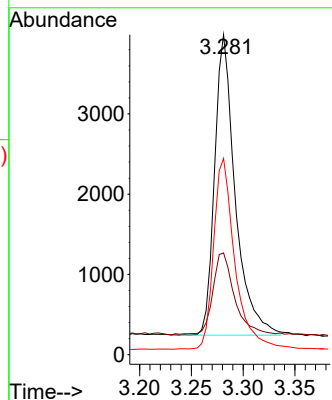
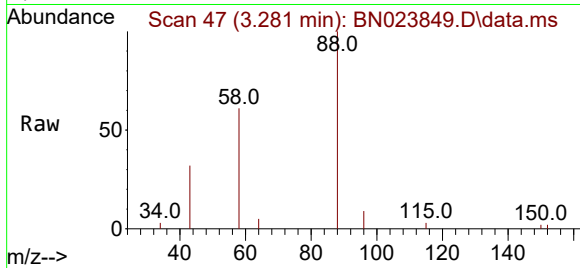




#2
1,4-Dioxane
Concen: 1.533 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

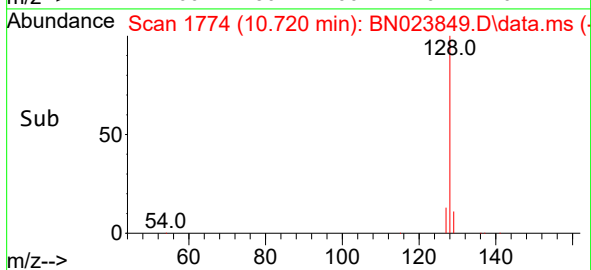
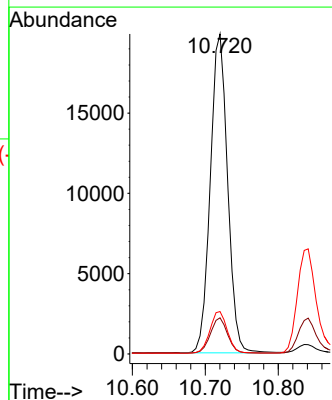
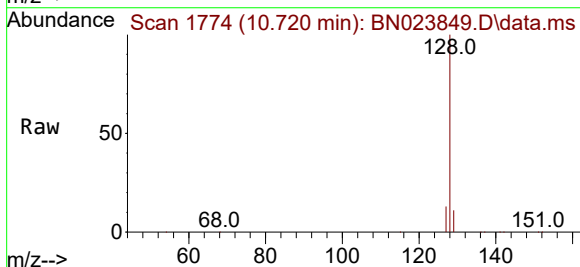
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

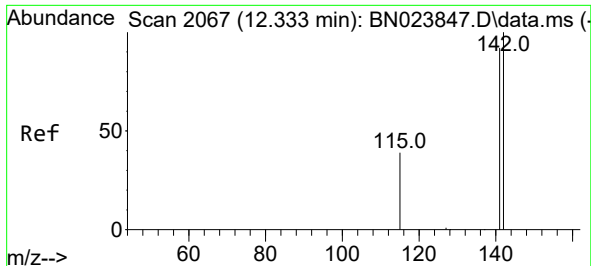
Tgt Ion: 88 Resp: 5191
Ion Ratio Lower Upper
88 100
43 31.8 41.9 62.9#
58 61.3 45.6 68.4



#5
Naphthalene
Concen: 1.500 ng/ul
RT: 10.720 min Scan# 1774
Delta R.T. 0.004 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion: 128 Resp: 32747
Ion Ratio Lower Upper
128 100
129 11.3 9.7 14.5
127 13.2 11.1 16.7

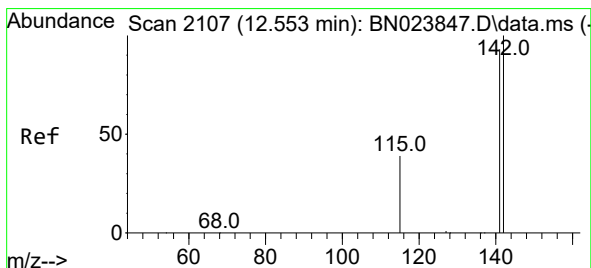
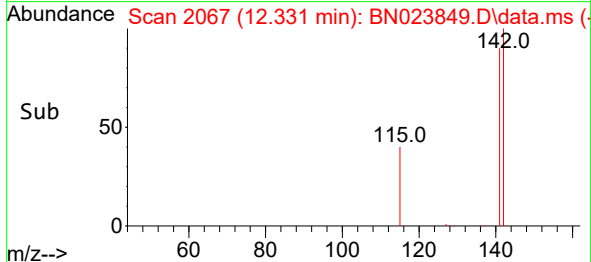
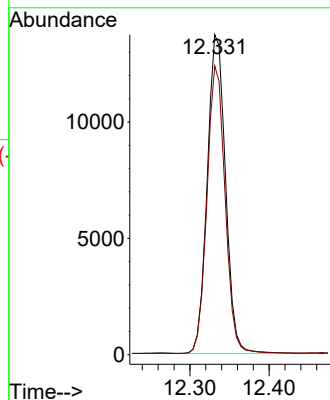
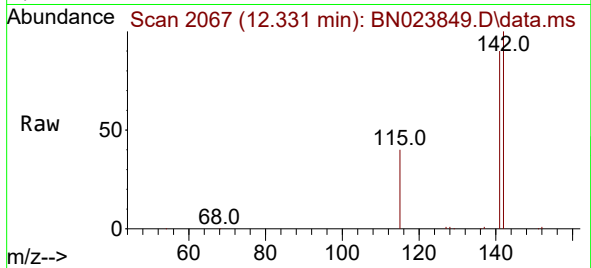




#7
2-Methylnaphthalene
Concen: 1.566 ng/ul
RT: 12.331 min Scan# 2067
Delta R.T. -0.002 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

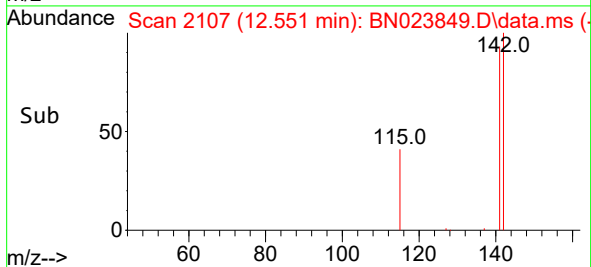
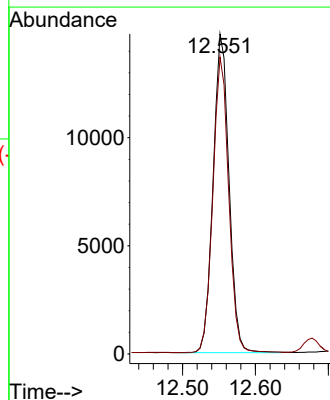
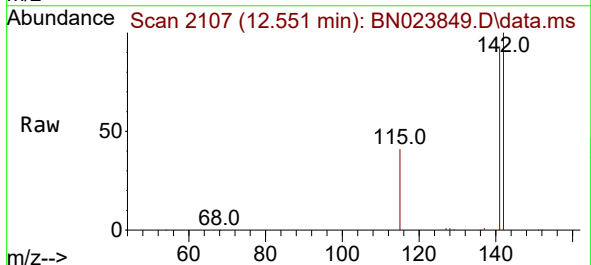
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

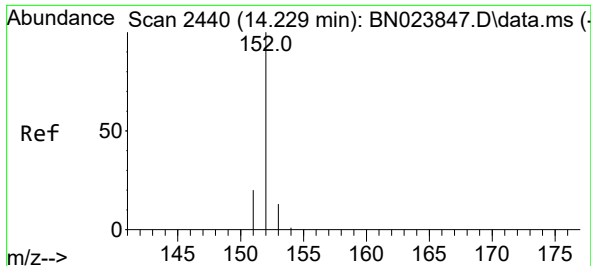
Tgt Ion:142 Resp: 21952
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 1.561 ng/ul
RT: 12.551 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion:142 Resp: 22382
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

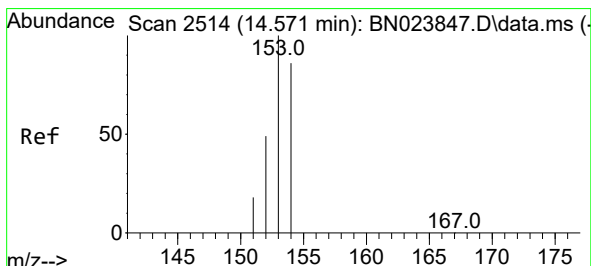
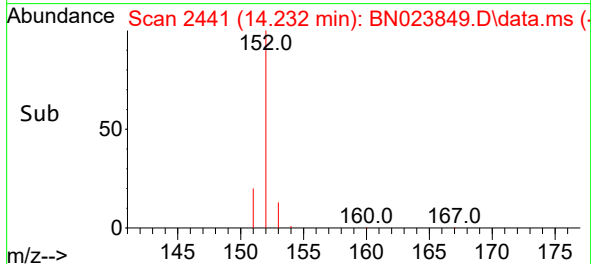
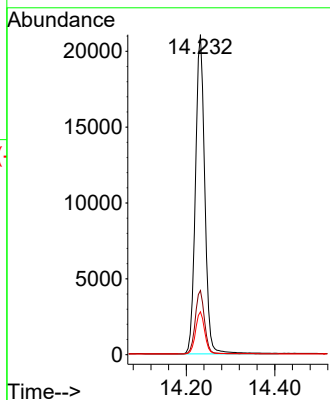
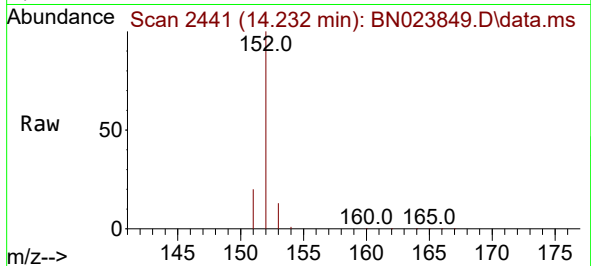




#10
Acenaphthylene
Concen: 1.549 ng/ul
RT: 14.232 min Scan# 2441
Delta R.T. 0.003 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

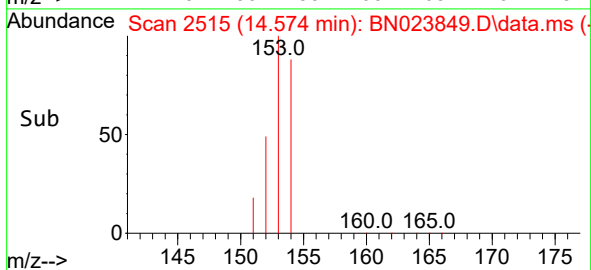
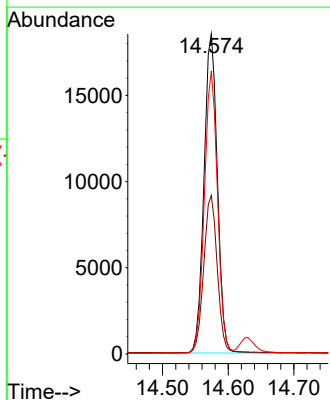
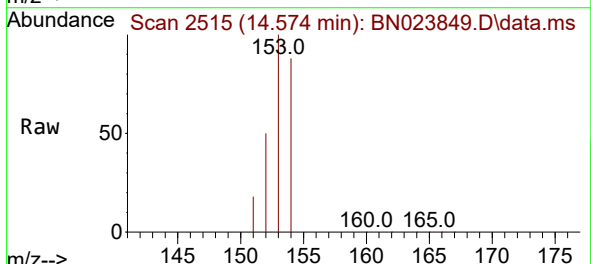
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

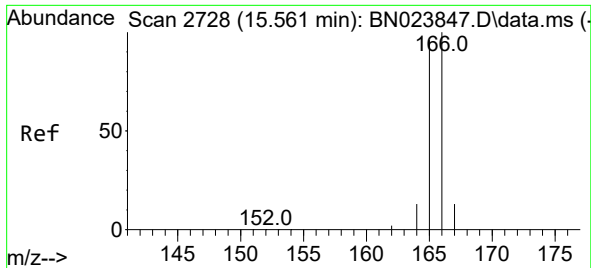
Tgt Ion:152 Resp: 30818
Ion Ratio Lower Upper
152 100
151 20.1 17.0 25.4
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 1.493 ng/ul
RT: 14.574 min Scan# 2515
Delta R.T. 0.003 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion:153 Resp: 26190
Ion Ratio Lower Upper
153 100
152 49.6 39.6 59.4
154 88.4 68.8 103.2

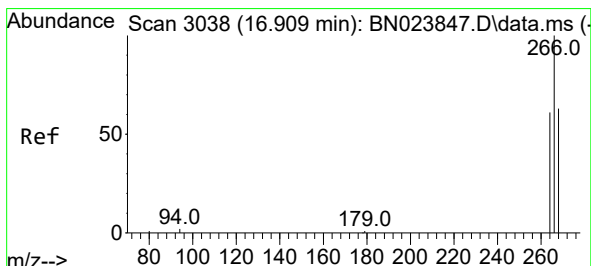
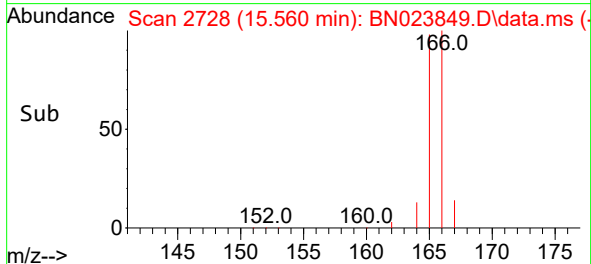
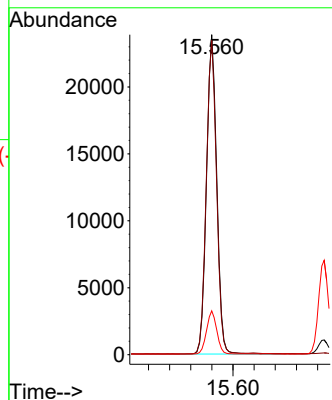
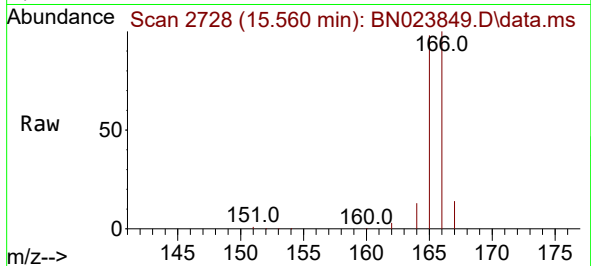




#12
Fluorene
Concen: 1.586 ng/ul
RT: 15.560 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

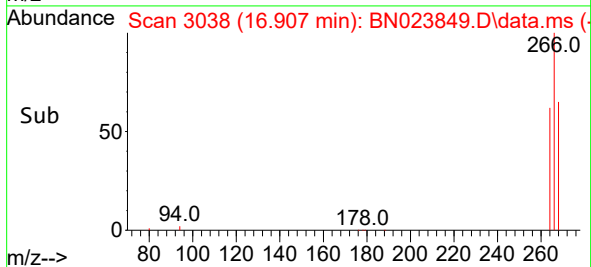
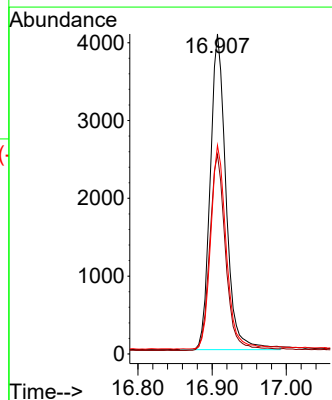
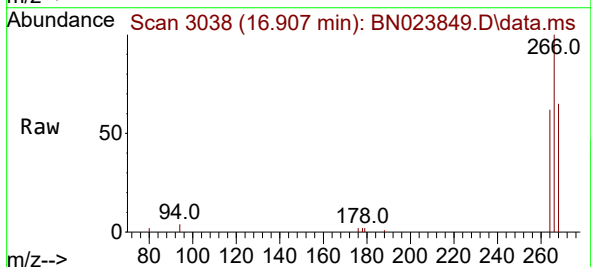
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

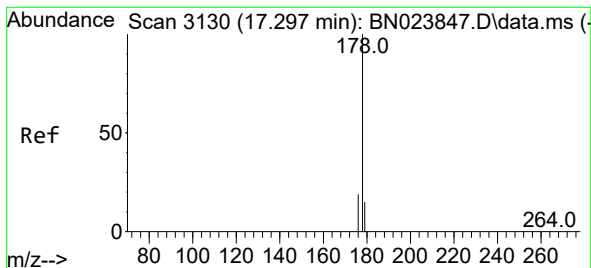
Tgt Ion:166 Resp: 31980
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.2
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 1.651 ng/ul
RT: 16.907 min Scan# 3038
Delta R.T. -0.002 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion:266 Resp: 6005
Ion Ratio Lower Upper
266 100
264 62.2 49.4 74.0
268 63.8 52.0 78.0





#15

Phenanthrene

Concen: 1.520 ng/ul

RT: 17.300 min Scan# 3130

Delta R.T. 0.003 min

Lab File: BN023849.D

Acq: 30 Jan 2023 17:29

Instrument :

BNA_N

ClientSampleId :

SSTD1.6234

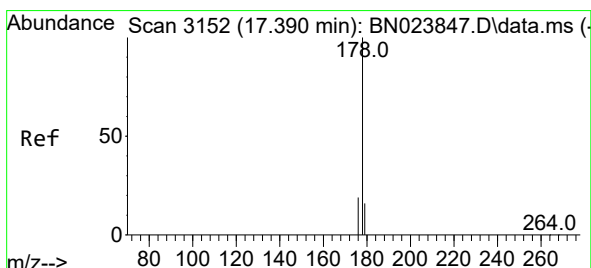
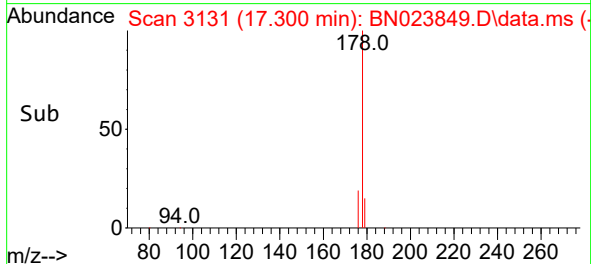
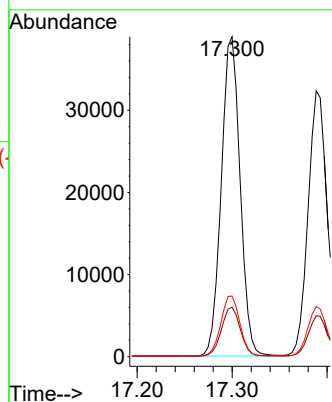
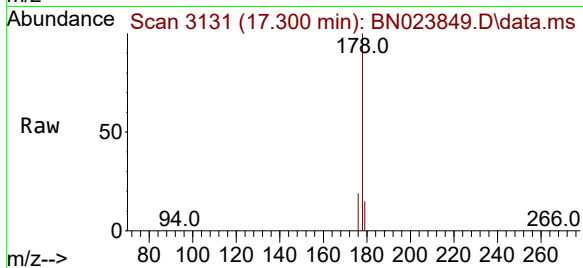
Tgt Ion:178 Resp: 53579

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 18.9 15.7 23.5



#16

Anthracene

Concen: 1.571 ng/ul

RT: 17.389 min Scan# 3152

Delta R.T. -0.002 min

Lab File: BN023849.D

Acq: 30 Jan 2023 17:29

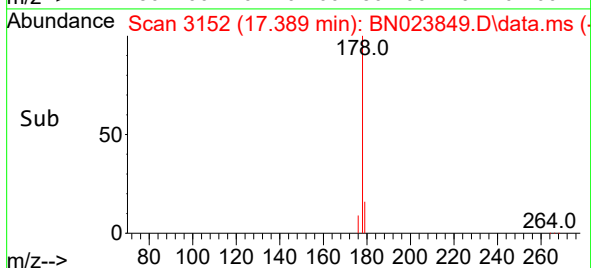
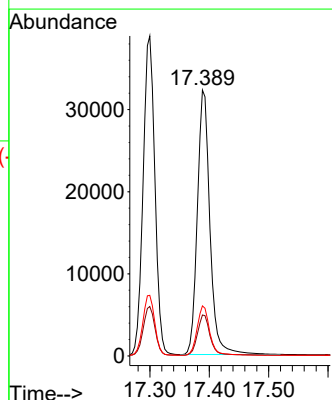
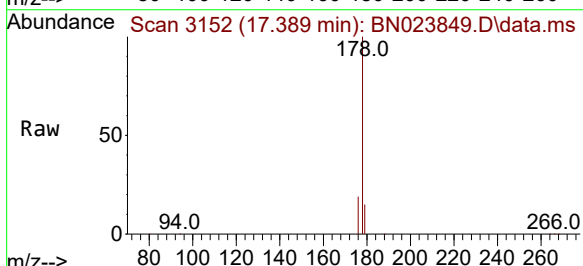
Tgt Ion:178 Resp: 47450

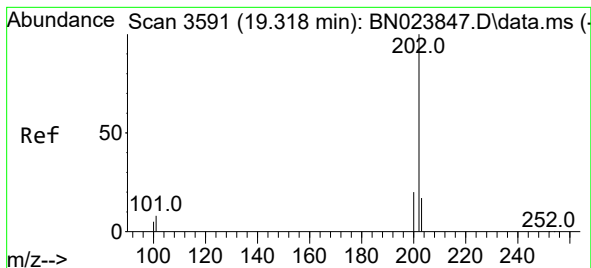
Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.0

176 18.8 15.4 23.2





#19

Fluoranthene

Concen: 1.380 ng/ul

RT: 19.316 min Scan# 3591

Delta R.T. -0.002 min

Lab File: BN023849.D

Acq: 30 Jan 2023 17:29

Instrument :

BNA_N

ClientSampleId :

SSTD1.6234

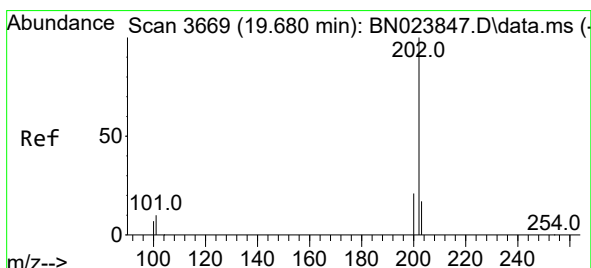
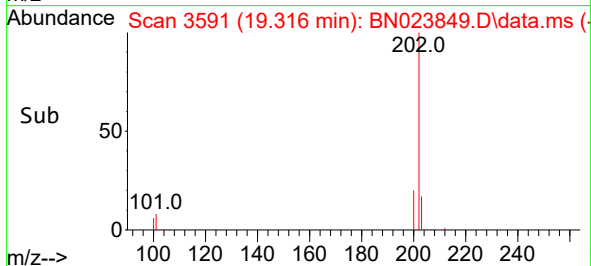
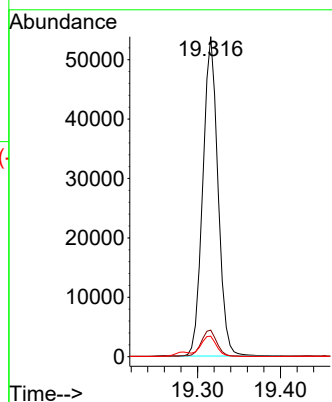
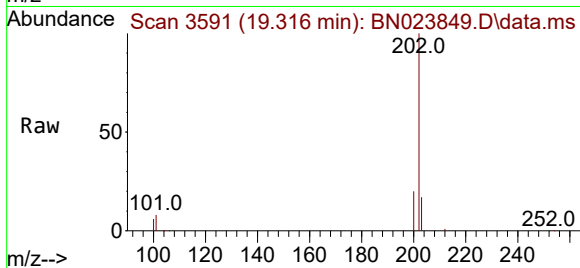
Tgt Ion:202 Resp: 68347

Ion Ratio Lower Upper

202 100

101 8.3 6.8 10.2

100 6.4 5.2 7.8



#20

Pyrene

Concen: 1.316 ng/ul

RT: 19.678 min Scan# 3669

Delta R.T. -0.002 min

Lab File: BN023849.D

Acq: 30 Jan 2023 17:29

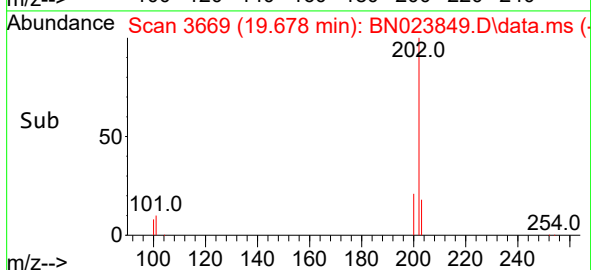
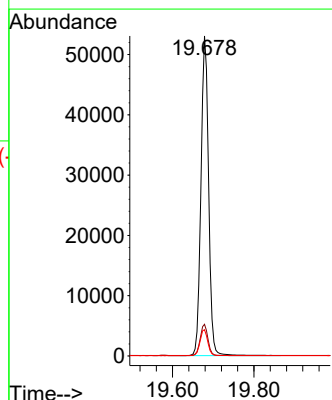
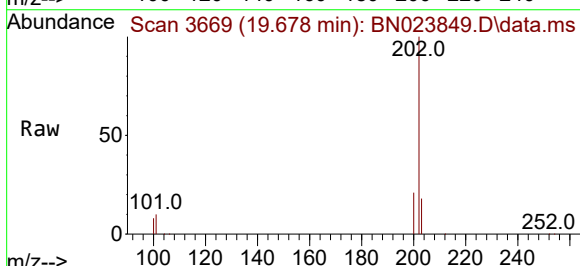
Tgt Ion:202 Resp: 68594

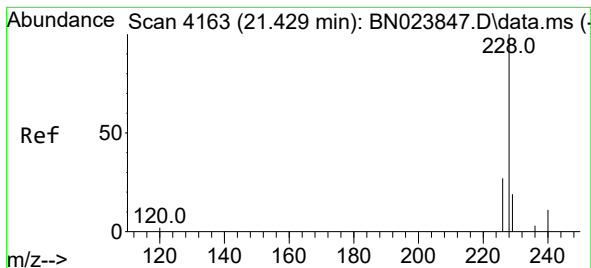
Ion Ratio Lower Upper

202 100

101 9.9 8.1 12.1

100 8.2 6.2 9.4





#21

Benzo(a)anthracene

Concen: 1.456 ng/ul

RT: 21.434 min Scan# 4163

Delta R.T. 0.006 min

Lab File: BN023849.D

Acq: 30 Jan 2023 17:29

Instrument :

BNA_N

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SSTD1.6234

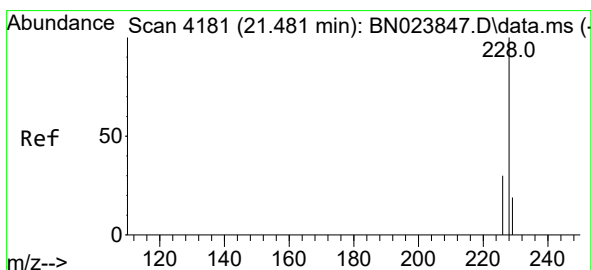
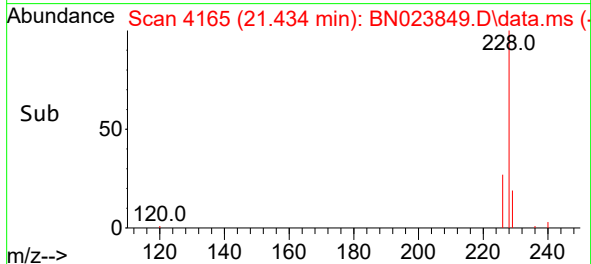
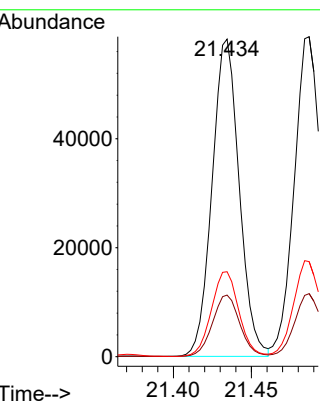
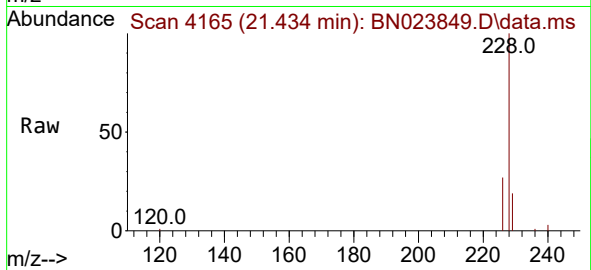
Tgt Ion:228 Resp: 70391

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.8

226 26.7 22.0 33.0



#22

Chrysene

Concen: 1.461 ng/ul

RT: 21.487 min Scan# 4183

Delta R.T. 0.006 min

Lab File: BN023849.D

Acq: 30 Jan 2023 17:29

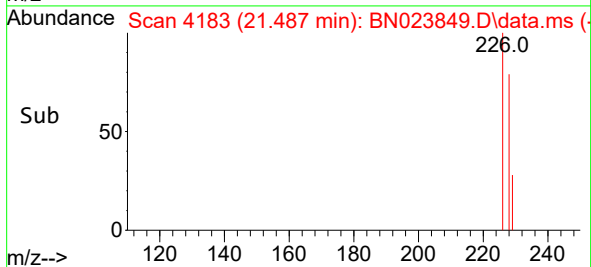
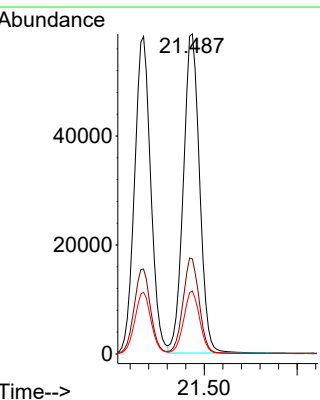
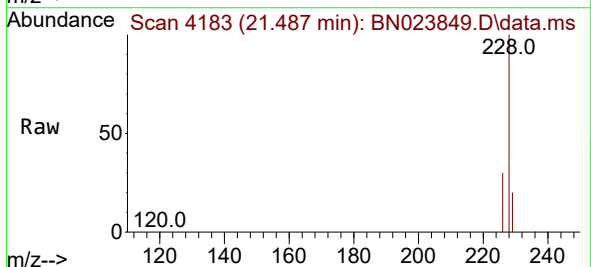
Tgt Ion:228 Resp: 71163

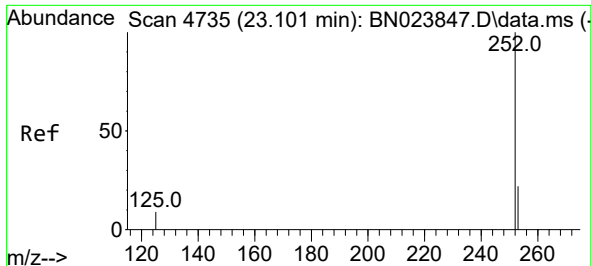
Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.7 15.5 23.3

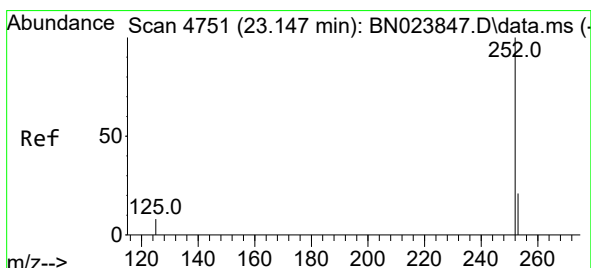
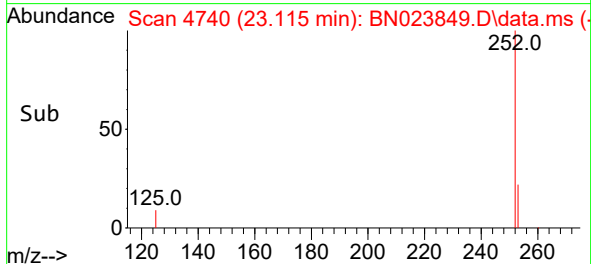
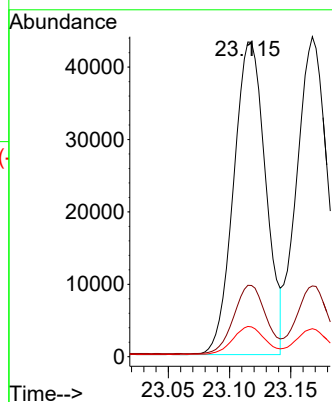
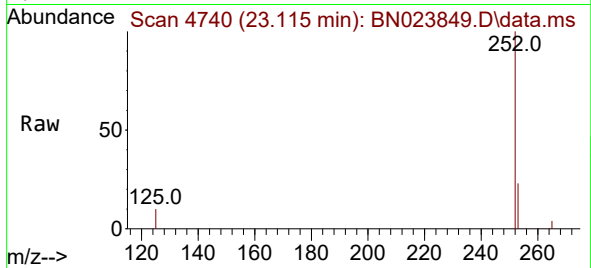




#24
Benzo(b)fluoranthene
Concen: 1.531 ng/ul
RT: 23.115 min Scan# 4735
Delta R.T. 0.014 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

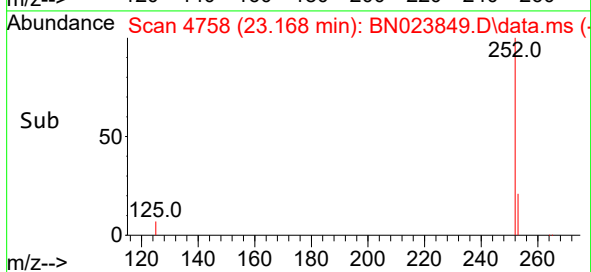
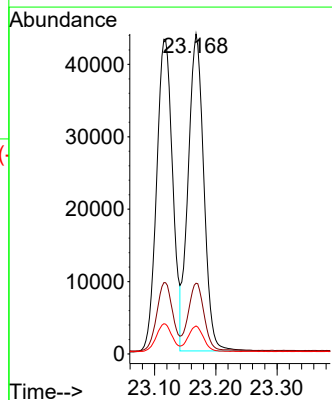
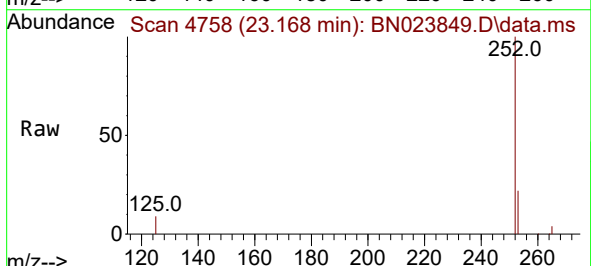
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

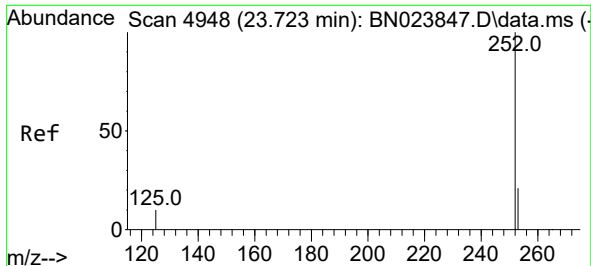
Tgt Ion:252 Resp: 78595
Ion Ratio Lower Upper
252 100
253 22.7 0.0 51.8
125 9.6 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 1.609 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.020 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion:252 Resp: 77720
Ion Ratio Lower Upper
252 100
253 22.1 20.2 30.2
125 8.8 9.0 13.4#

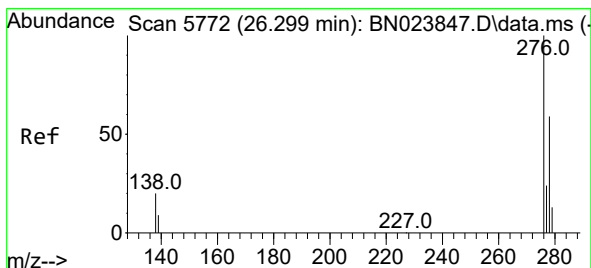
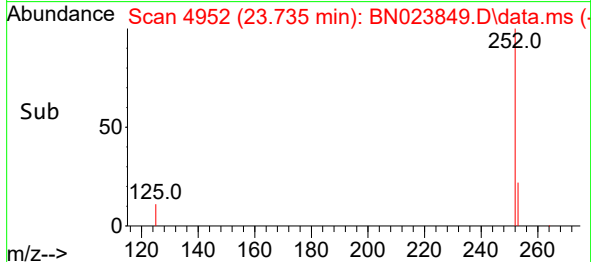
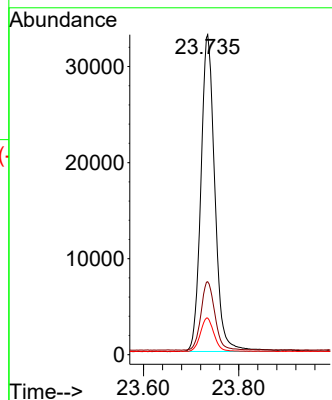
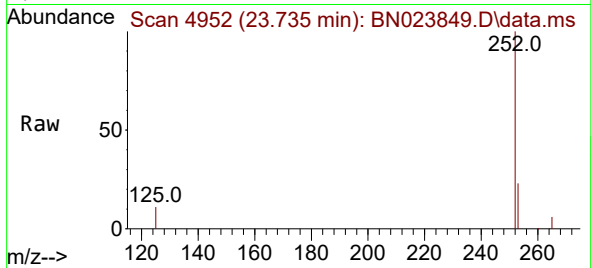




#26
Benzo(a)pyrene
Concen: 1.575 ng/ul
RT: 23.735 min Scan# 4948
Delta R.T. 0.011 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

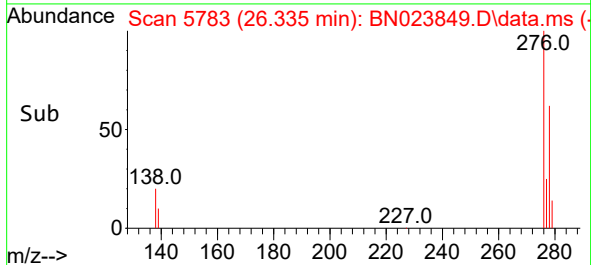
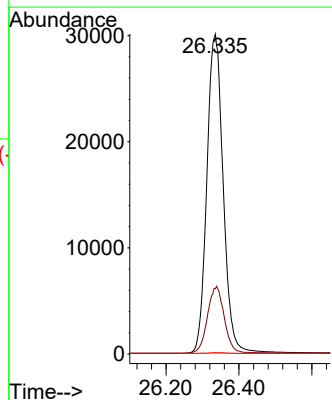
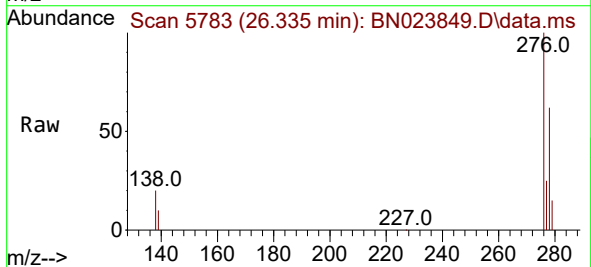
Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

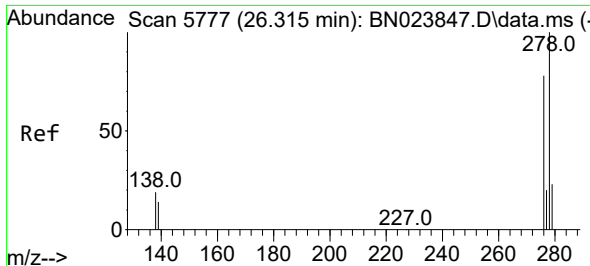
Tgt Ion:252 Resp: 67241
Ion Ratio Lower Upper
252 100
253 22.8 21.5 32.3
125 11.5 11.2 16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.769 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. 0.037 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion:276 Resp: 93714
Ion Ratio Lower Upper
276 100
138 21.6 17.0 25.6
227 0.2 0.2 0.4

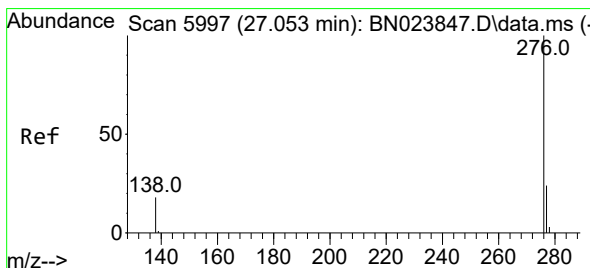
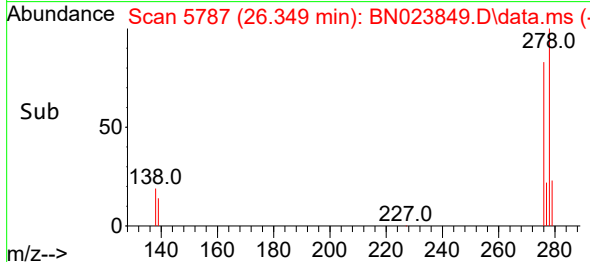
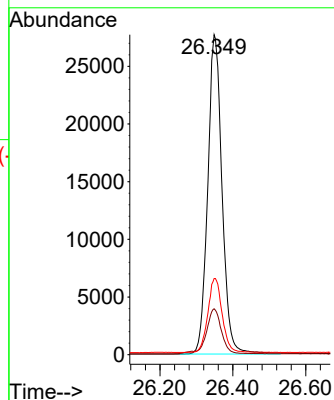
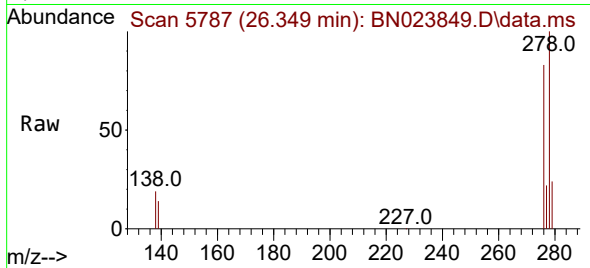




#28
Dibenzo(a,h)anthracene
Concen: 1.797 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. 0.033 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Instrument :
BNA_N
ClientSampleId :
SSTD1.6234

Tgt Ion:278 Resp: 75498
Ion Ratio Lower Upper
278 100
139 14.4 12.3 18.5
279 23.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 1.783 ng/ul
RT: 27.096 min Scan# 6010
Delta R.T. 0.043 min
Lab File: BN023849.D
Acq: 30 Jan 2023 17:29

Tgt Ion:276 Resp: 75603
Ion Ratio Lower Upper
276 100
138 18.3 15.3 22.9
277 23.5 19.9 29.9

