

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
 Data File : BN023845.D
 Acq On : 30 Jan 2023 15:02
 Operator : CG/JU
 Sample : SST0.170
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1230

Quant Time: Jan 31 01:45:50 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)

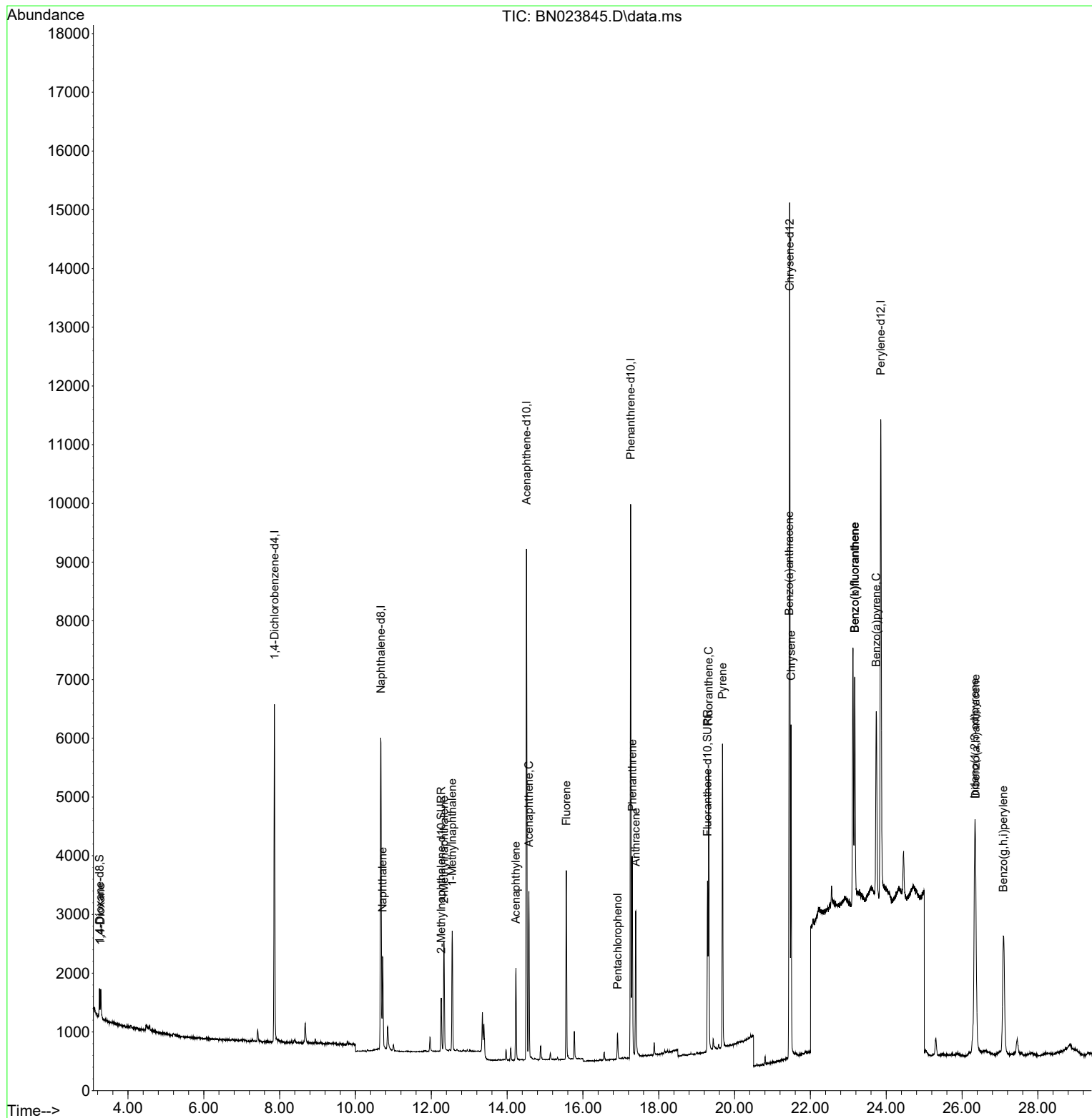
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	7463	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	4704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	11336	0.400	ng/ul	0.00
17) Chrysene-d12	21.455	240	12282	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	11258	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	327	0.100	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	1174	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	3428	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	352	0.103	ng/ul#	65
5) Naphthalene	10.716	128	2151	0.100	ng/ul	94
7) 2-Methylnaphthalene	12.339	142	1334	0.097	ng/ul	99
8) 1-Methylnaphthalene	12.553	142	1374	0.097	ng/ul	100
10) Acenaphthylene	14.234	152	1824	0.095	ng/ul	95
11) Acenaphthene	14.576	153	1646	0.097	ng/ul	98
12) Fluorene	15.561	166	1968	0.101	ng/ul	94
14) Pentachlorophenol	16.913	266	324	0.089	ng/ul	98
15) Phenanthrene	17.302	178	3584	0.101	ng/ul	96
16) Anthracene	17.394	178	2827	0.093	ng/ul	94
19) Fluoranthene	19.318	202	4223	0.091	ng/ul#	95
20) Pyrene	19.681	202	4507	0.092	ng/ul#	95
21) Benzo(a)anthracene	21.438	228	4331	0.095	ng/ul	99
22) Chrysene	21.490	228	4675	0.102	ng/ul	98
24) Benzo(b)fluoranthene	23.168	252	5331	0.102	ng/ul	82
25) Benzo(k)fluoranthene	23.168	252	5172	0.105	ng/ul#	80
26) Benzo(a)pyrene	23.738	252	4427	0.102	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.332	276	5962	0.111	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.356	278	4723	0.111	ng/ul#	85
29) Benzo(g,h,i)perylene	27.090	276	4978	0.116	ng/ul	93

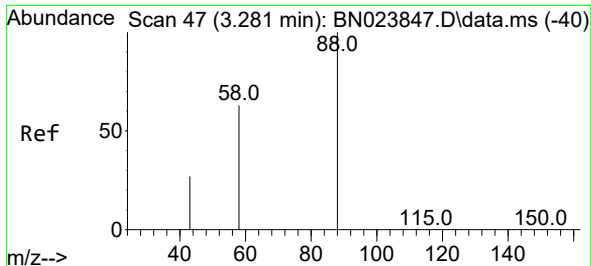
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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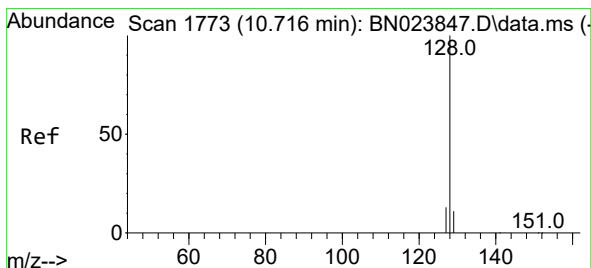
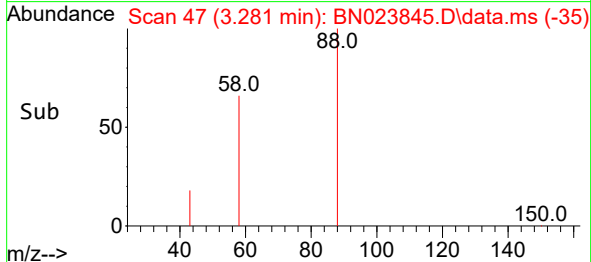
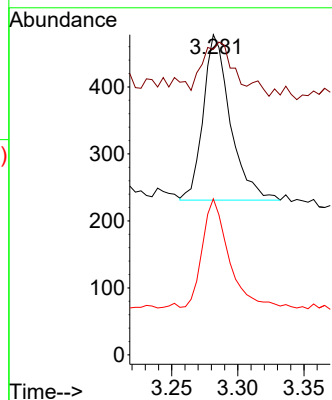
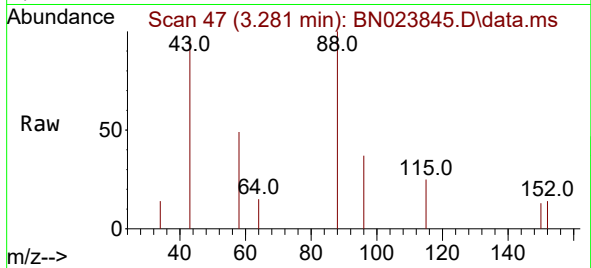




#2
1,4-Dioxane
Concen: 0.103 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

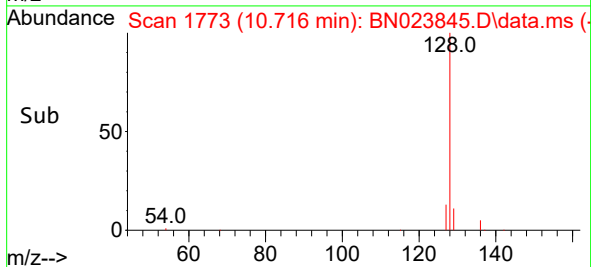
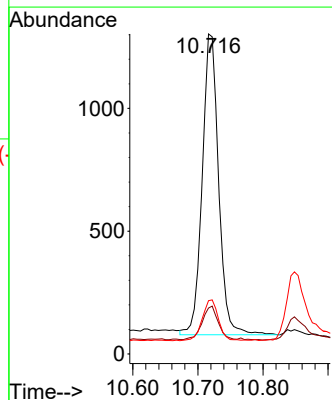
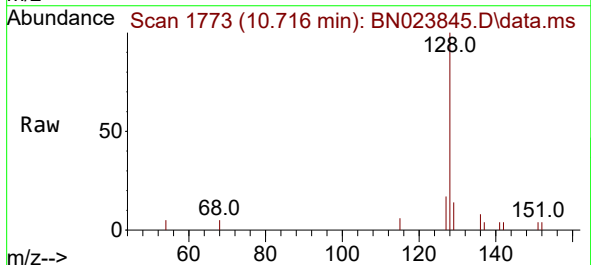
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

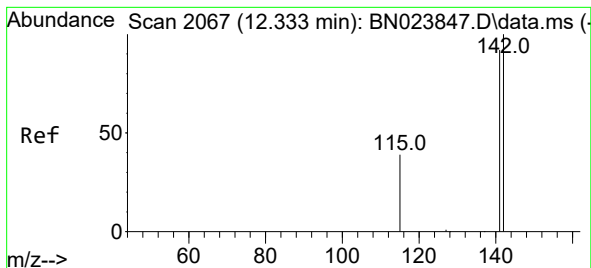
Tgt Ion: 88 Resp: 352
Ion Ratio Lower Upper
88 100
43 95.4 41.9 62.9#
58 48.7 45.6 68.4



#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:128 Resp: 2151
Ion Ratio Lower Upper
128 100
129 14.4 9.7 14.5
127 16.7 11.1 16.7

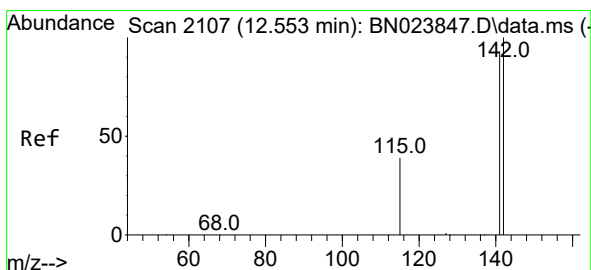
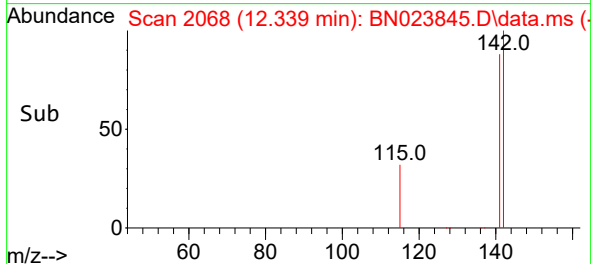
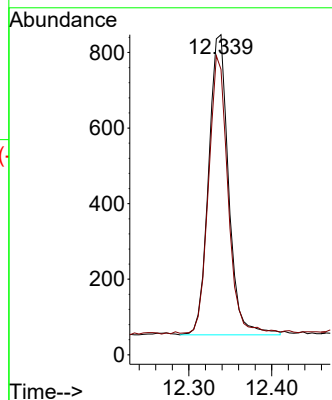
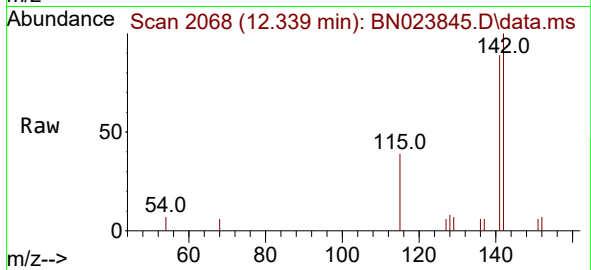




#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.339 min Scan# 2067
Delta R.T. 0.006 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

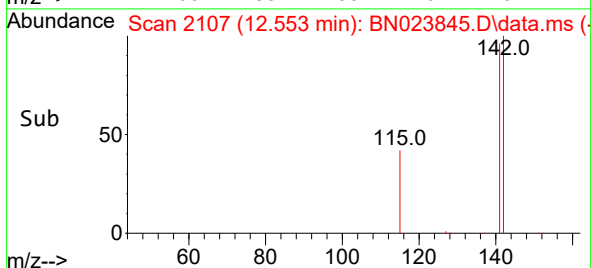
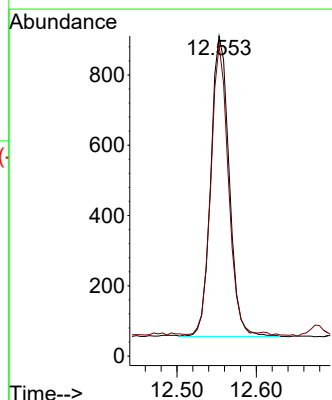
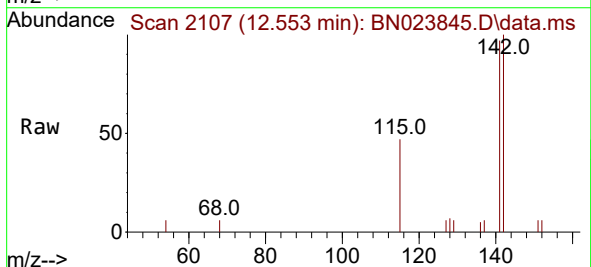
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

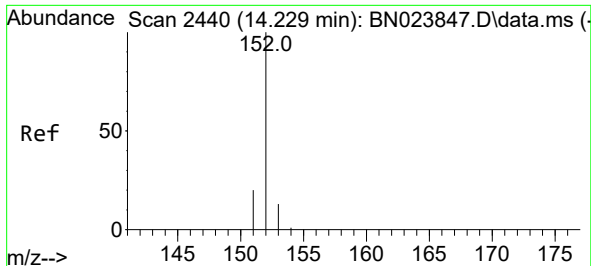
Tgt Ion:142 Resp: 1334
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:142 Resp: 1374
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

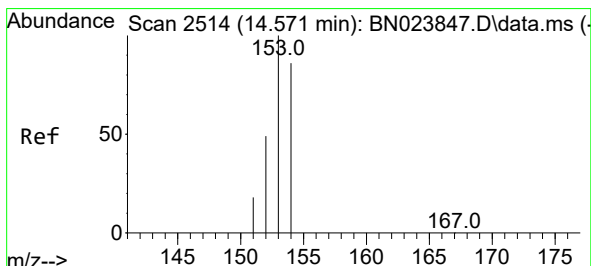
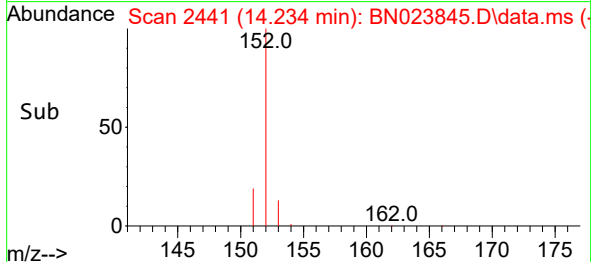
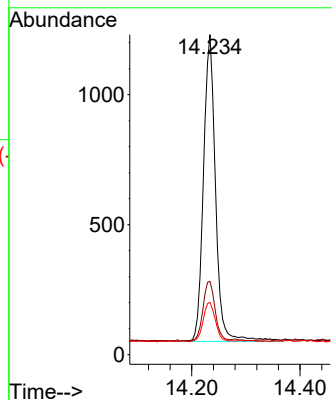
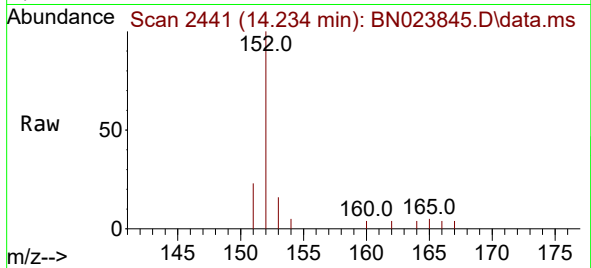




#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 14.234 min Scan# 2441
Delta R.T. 0.005 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

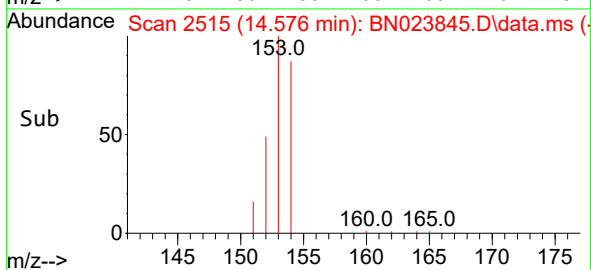
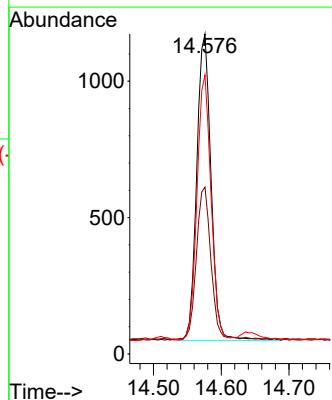
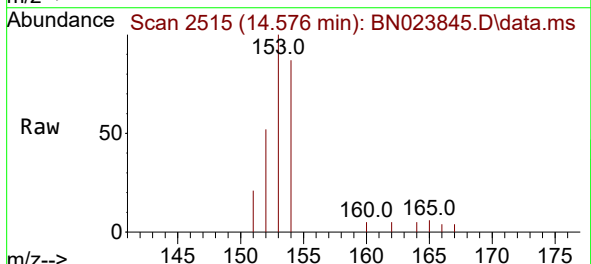
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

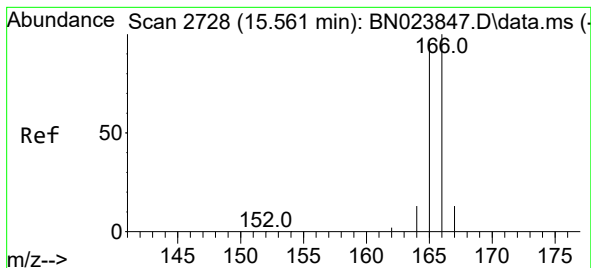
Tgt Ion:152 Resp: 1824
Ion Ratio Lower Upper
152 100
151 22.9 17.0 25.4
153 16.3 11.1 16.7



#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.576 min Scan# 2515
Delta R.T. 0.005 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:153 Resp: 1646
Ion Ratio Lower Upper
153 100
152 52.1 39.6 59.4
154 87.2 68.8 103.2





#12

Fluorene

Concen: 0.101 ng/ul

RT: 15.561 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023845.D

Acq: 30 Jan 2023 15:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.1230

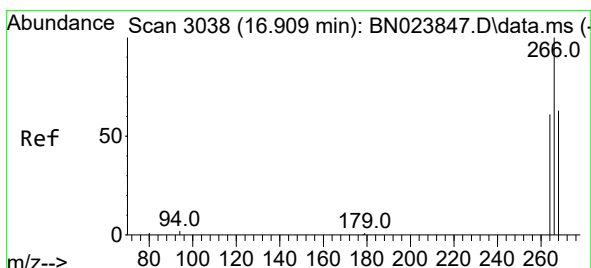
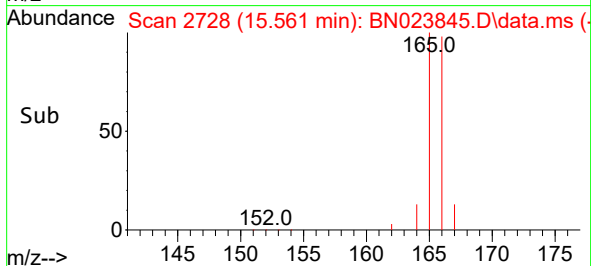
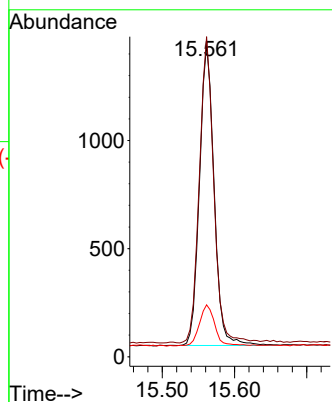
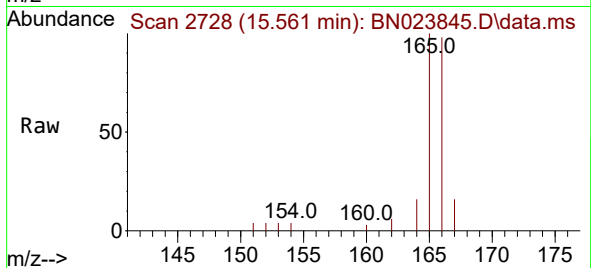
Tgt Ion:166 Resp: 1968

Ion Ratio Lower Upper

166 100

165 102.6 77.4 116.2

167 16.6 11.4 17.0



#14

Pentachlorophenol

Concen: 0.089 ng/ul

RT: 16.913 min Scan# 3039

Delta R.T. 0.004 min

Lab File: BN023845.D

Acq: 30 Jan 2023 15:02

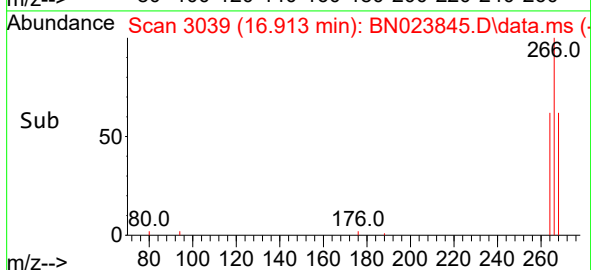
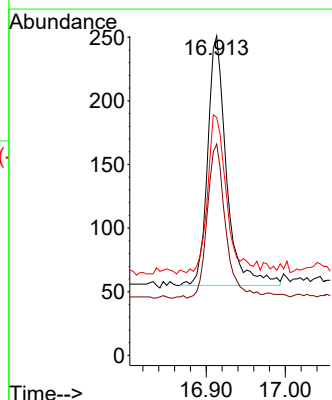
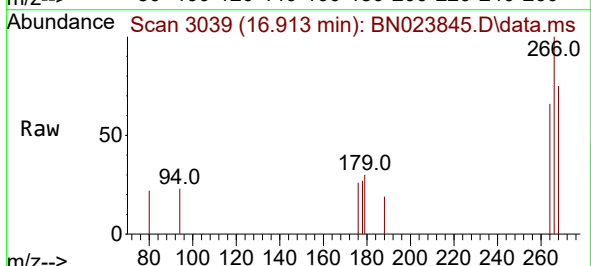
Tgt Ion:266 Resp: 324

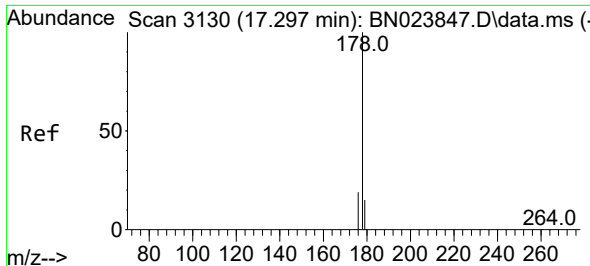
Ion Ratio Lower Upper

266 100

264 60.2 49.4 74.0

268 63.0 52.0 78.0

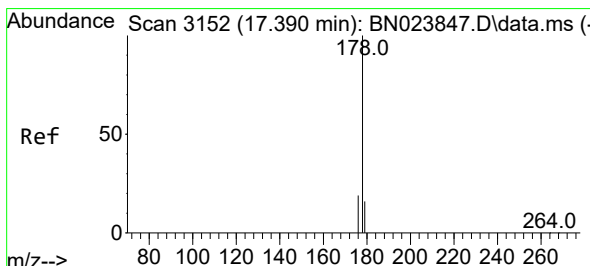
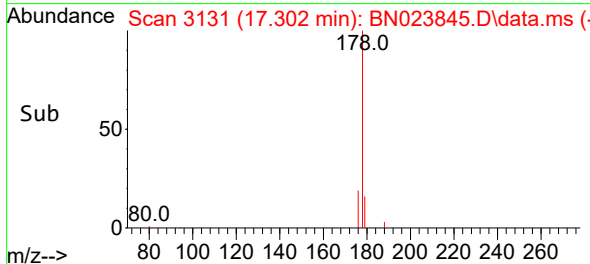
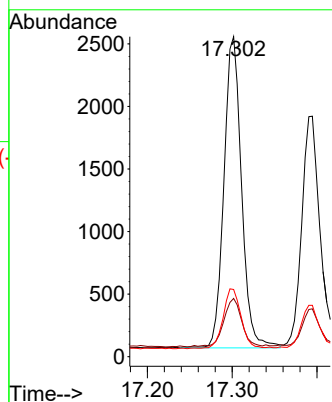
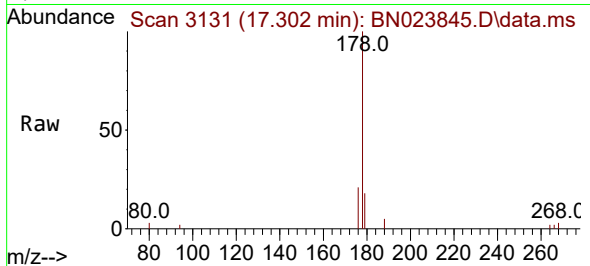




#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.302 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

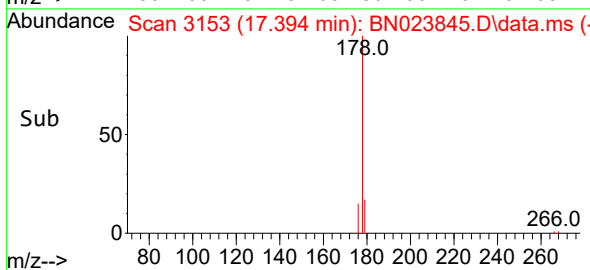
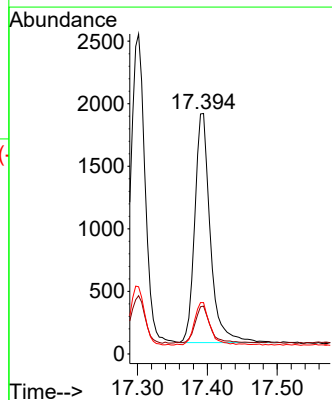
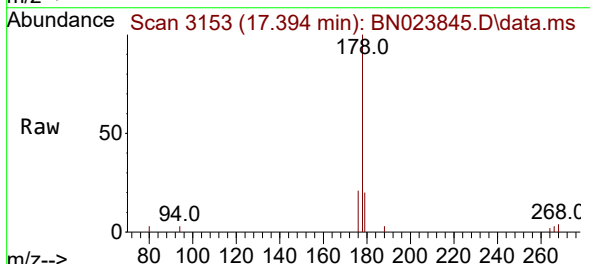
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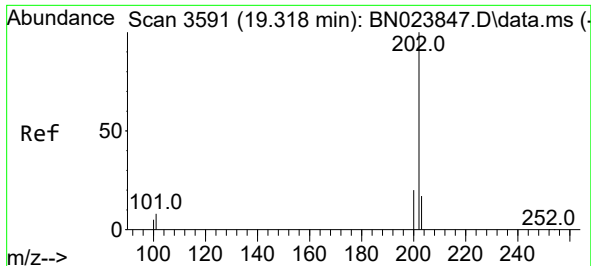
Tgt Ion:178 Resp: 3584
Ion Ratio Lower Upper
178 100
179 18.2 12.6 19.0
176 21.0 15.7 23.5



#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. 0.004 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:178 Resp: 2827
Ion Ratio Lower Upper
178 100
179 19.9 13.4 20.0
176 21.3 15.4 23.2

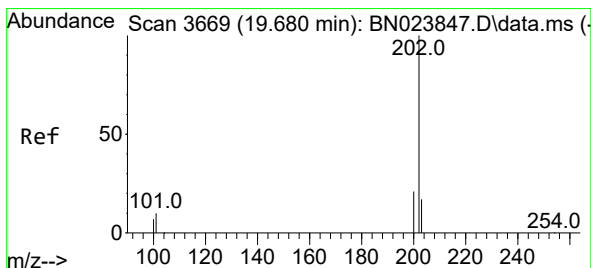
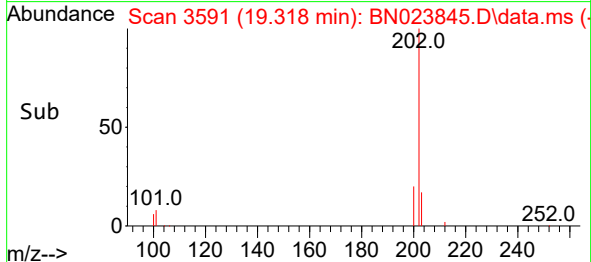
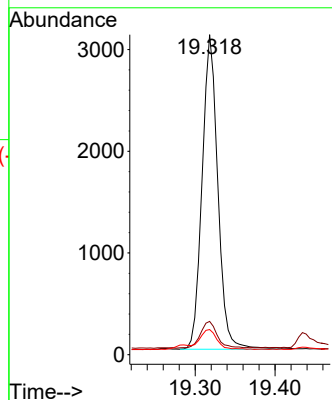
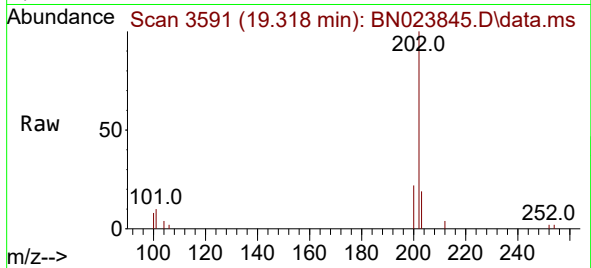




#19
Fluoranthene
Concen: 0.091 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

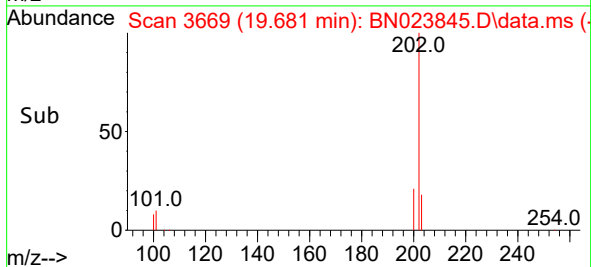
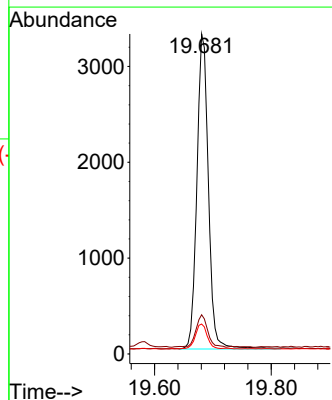
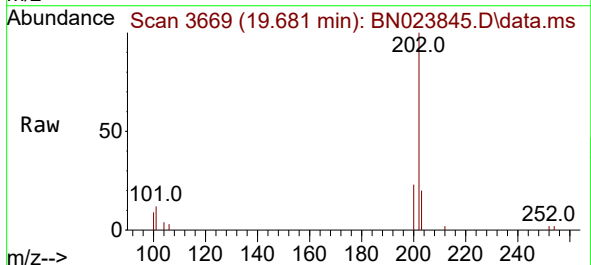
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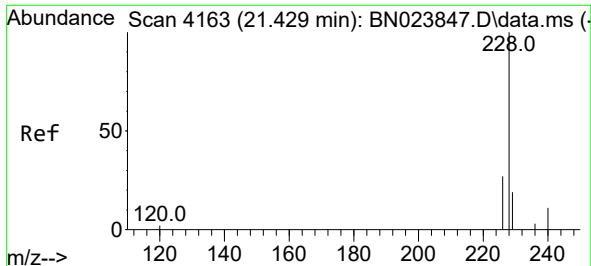
Tgt Ion:202 Resp: 4223
Ion Ratio Lower Upper
202 100
101 10.4 6.8 10.2#
100 7.9 5.2 7.8#



#20
Pyrene
Concen: 0.092 ng/ul
RT: 19.681 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:202 Resp: 4507
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
100 9.4 6.2 9.4#

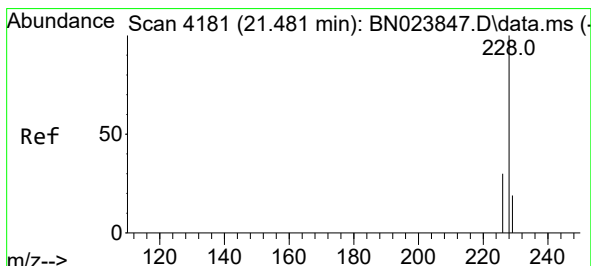
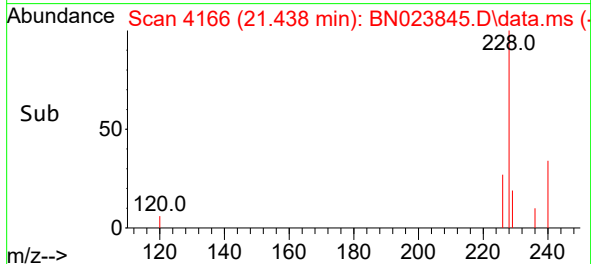
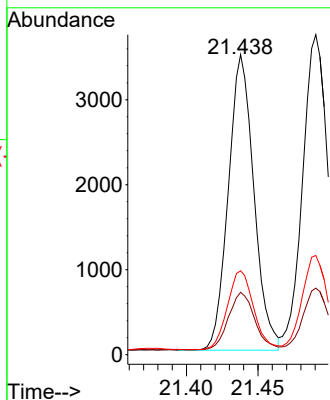
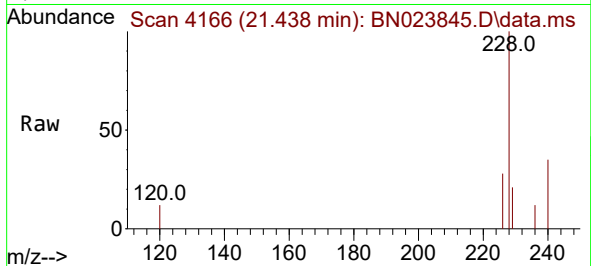




#21
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. 0.009 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

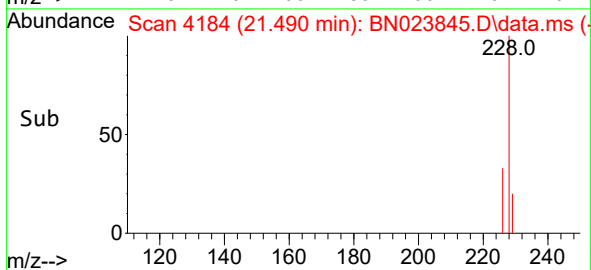
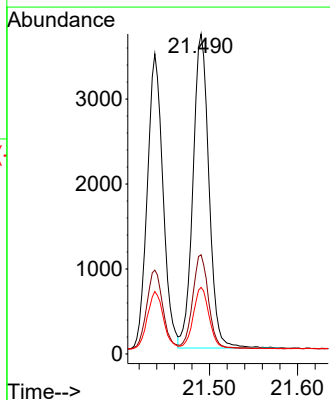
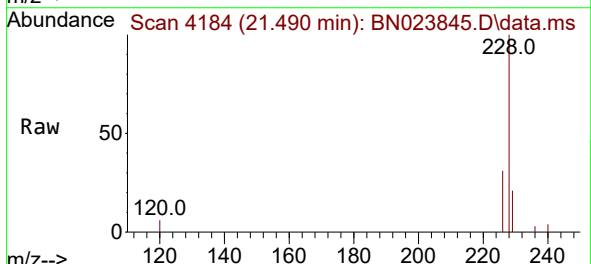
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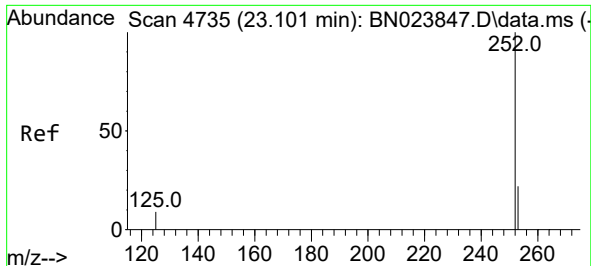
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Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.102 ng/ul
RT: 21.490 min Scan# 4184
Delta R.T. 0.009 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:228 Resp: 4675
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 20.8 15.5 23.3

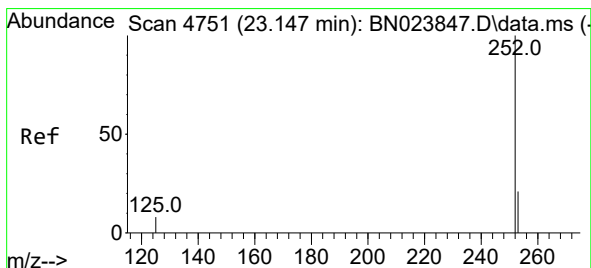
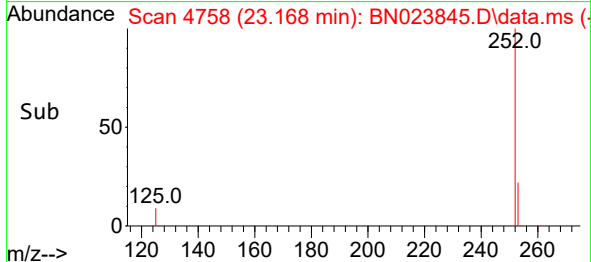
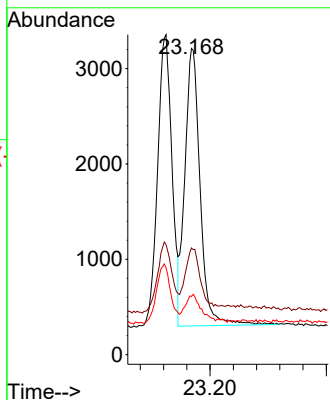
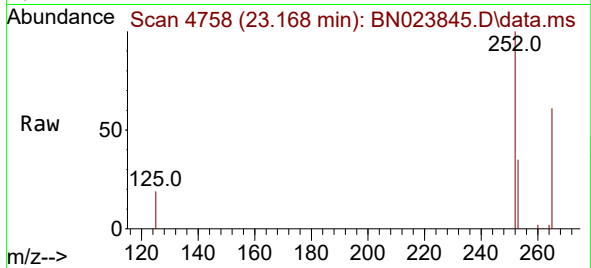




#24
Benzo(b)fluoranthene
Concen: 0.102 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.067 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

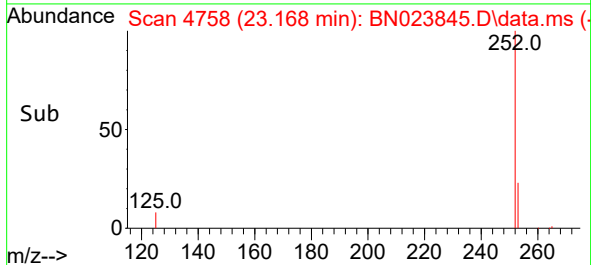
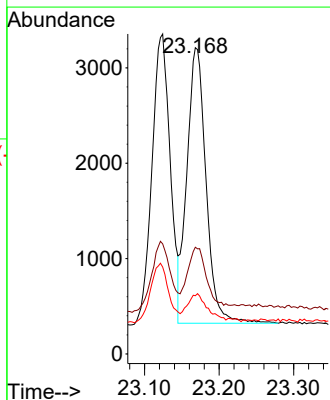
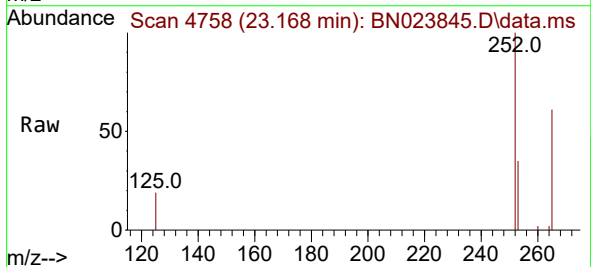
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

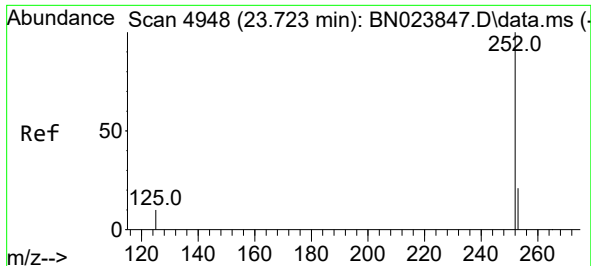
Tgt Ion:252 Resp: 5331
Ion Ratio Lower Upper
252 100
253 34.8 0.0 51.8
125 19.0 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. 0.021 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:252 Resp: 5172
Ion Ratio Lower Upper
252 100
253 34.8 20.2 30.2#
125 19.0 9.0 13.4#

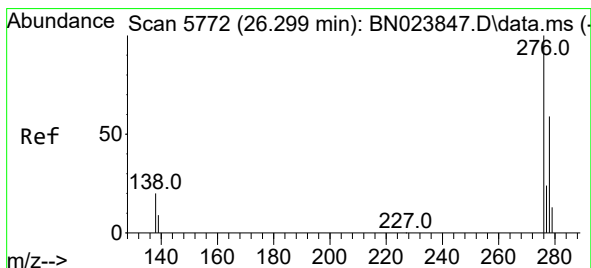
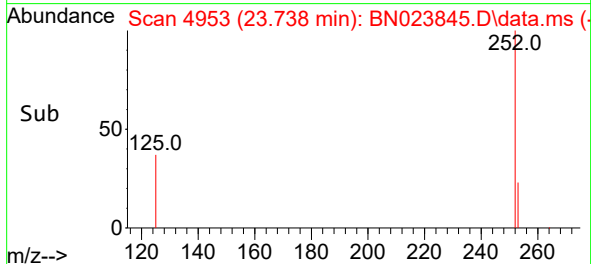
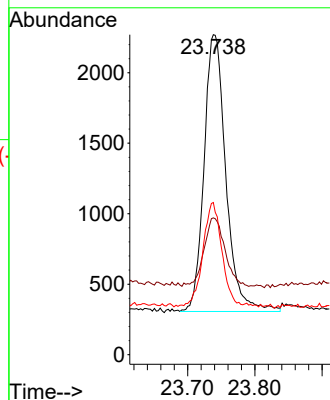
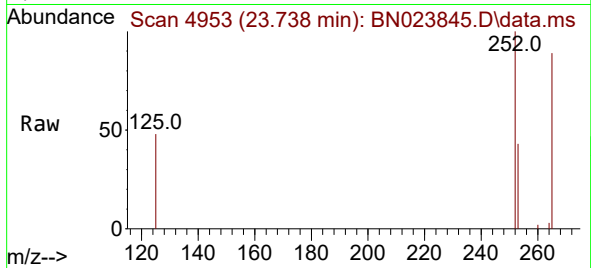




#26
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.738 min Scan# 4948
Delta R.T. 0.015 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

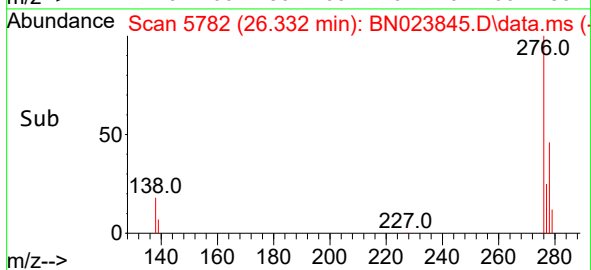
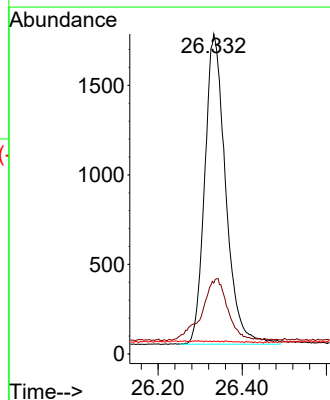
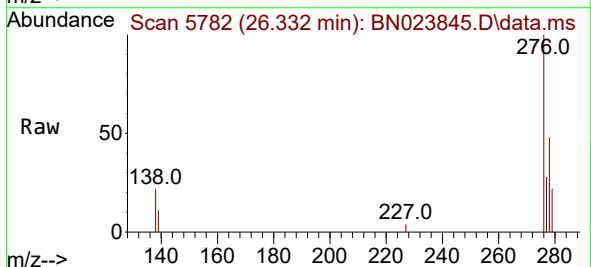
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

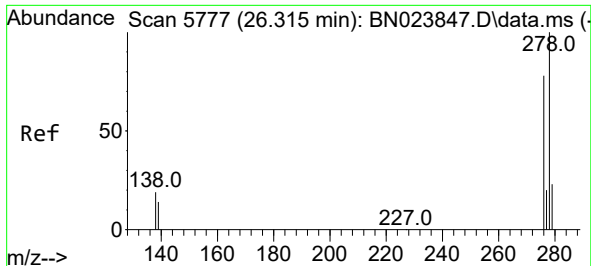
Tgt Ion:252 Resp: 4427
Ion Ratio Lower Upper
252 100
253 42.7 21.5 32.3#
125 47.5 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. 0.034 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:276 Resp: 5962
Ion Ratio Lower Upper
276 100
138 24.5 17.0 25.6
227 0.0 0.2 0.4#

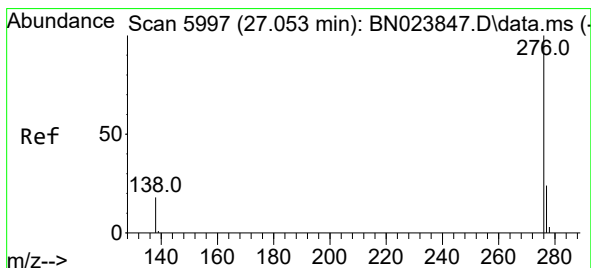
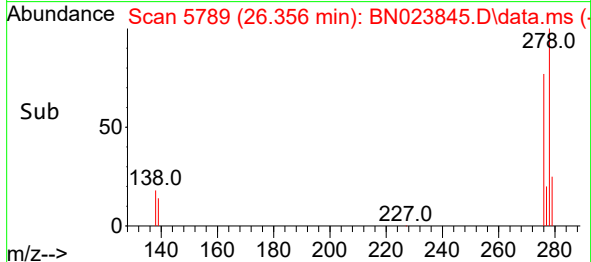
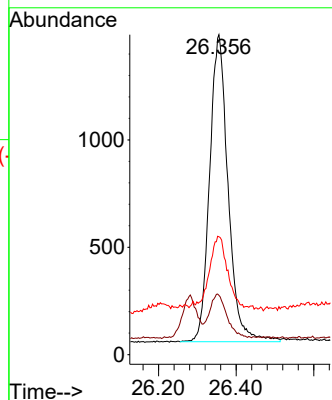
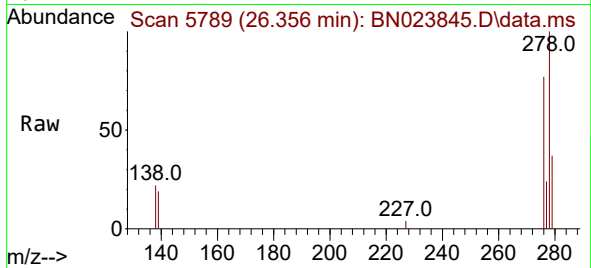




#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.356 min Scan# 51
Delta R.T. 0.040 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

Tgt Ion:278 Resp: 4723
Ion Ratio Lower Upper
278 100
139 18.5 12.3 18.5#
279 36.8 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 27.090 min Scan# 6008
Delta R.T. 0.037 min
Lab File: BN023845.D
Acq: 30 Jan 2023 15:02

Tgt Ion:276 Resp: 4978
Ion Ratio Lower Upper
276 100
138 22.2 15.3 22.9
277 28.4 19.9 29.9

