

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013023\
 Data File : BN023847.D
 Acq On : 30 Jan 2023 16:15
 Operator : CG/JU
 Sample : SST0.472
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4232

Quant Time: Jan 31 01:46:14 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)

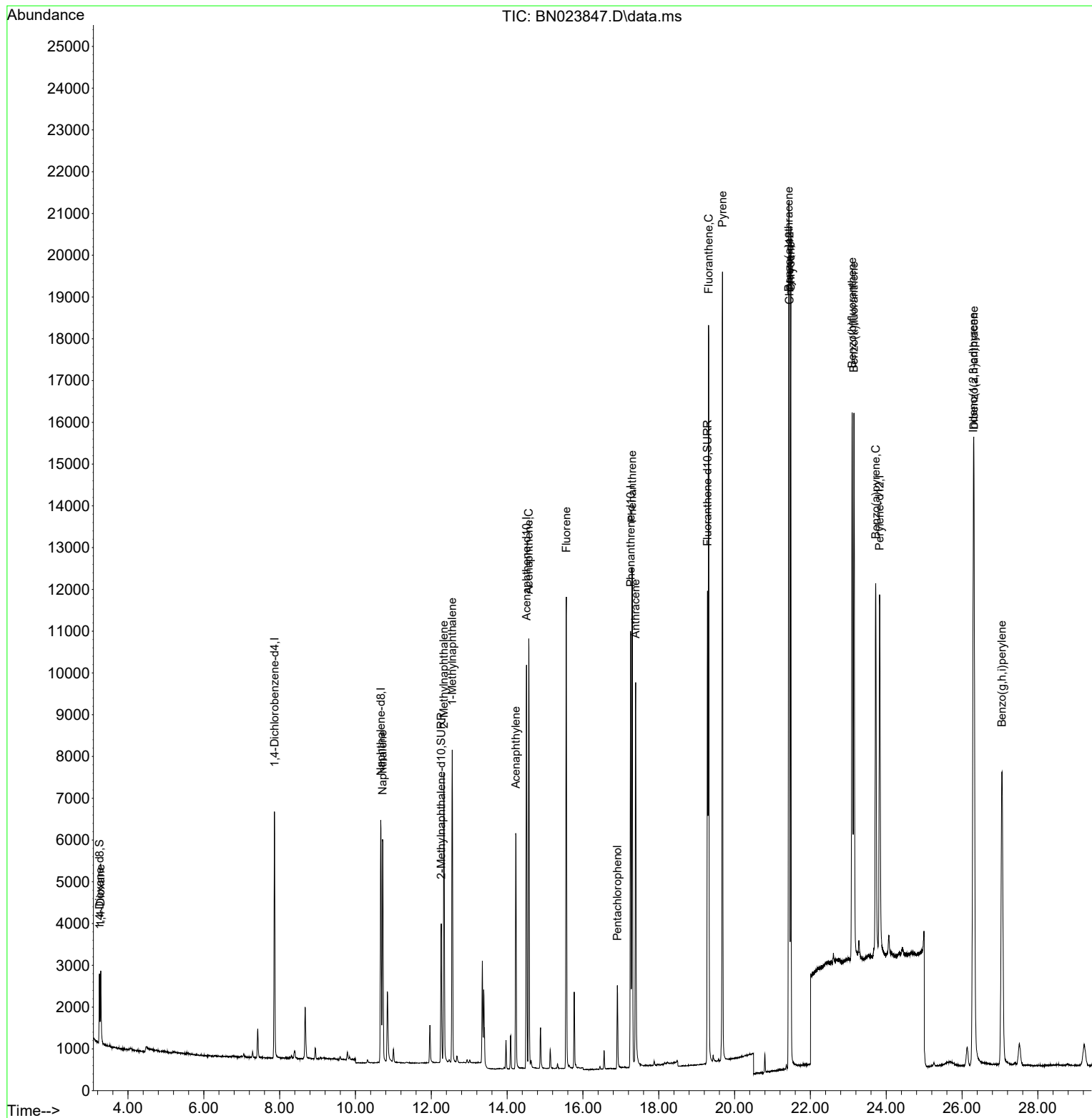
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	7969	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	5146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.259	188	12639	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	13657	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	11921	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	1126	0.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	4239	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.285	212	12450	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	1206	0.347	ng/ul	100
5) Naphthalene	10.716	128	7338	0.320	ng/ul	100
7) 2-Methylnaphthalene	12.333	142	4791	0.325	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	4914	0.326	ng/ul	100
10) Acenaphthylene	14.229	152	6550	0.312	ng/ul	100
11) Acenaphthene	14.571	153	5764	0.312	ng/ul	100
12) Fluorene	15.561	166	7007	0.329	ng/ul	100
14) Pentachlorophenol	16.909	266	1354	0.332	ng/ul	100
15) Phenanthrene	17.297	178	12408	0.314	ng/ul	100
16) Anthracene	17.390	178	10394	0.307	ng/ul	100
19) Fluoranthene	19.318	202	15558	0.301	ng/ul	100
20) Pyrene	19.680	202	16104	0.296	ng/ul	100
21) Benzo(a)anthracene	21.429	228	15744	0.312	ng/ul	100
22) Chrysene	21.481	228	16632	0.327	ng/ul	100
24) Benzo(b)fluoranthene	23.101	252	17938	0.325	ng/ul	100
25) Benzo(k)fluoranthene	23.147	252	17505	0.337	ng/ul	100
26) Benzo(a)pyrene	23.723	252	14457	0.315	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.299	276	20248	0.355	ng/ul	100
28) Dibenzo(a,h)anthracene	26.315	278	16329	0.362	ng/ul	100
29) Benzo(g,h,i)perylene	27.053	276	17075	0.375	ng/ul	100

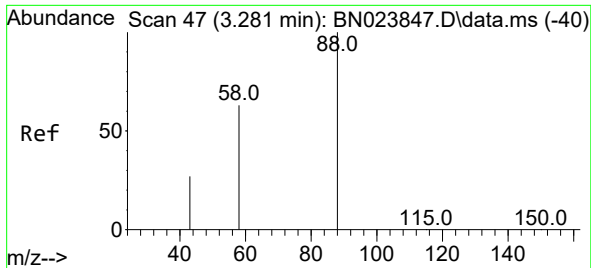
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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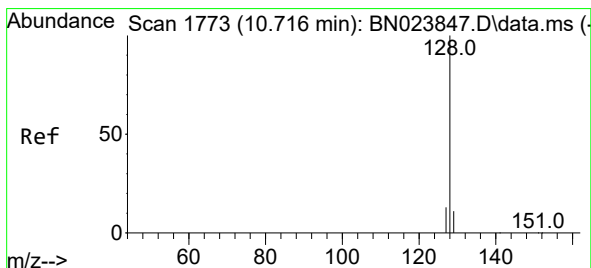
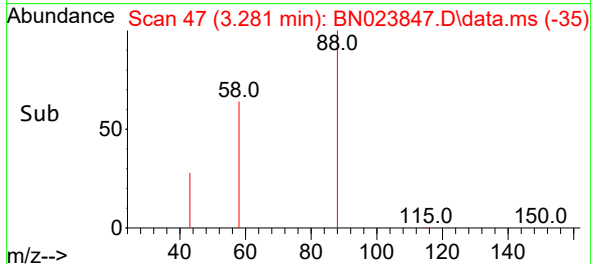
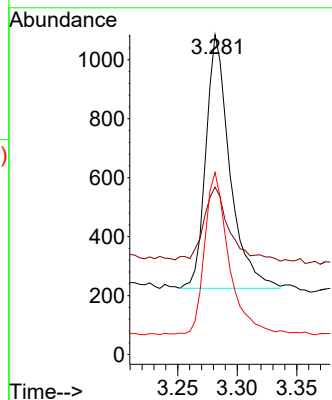
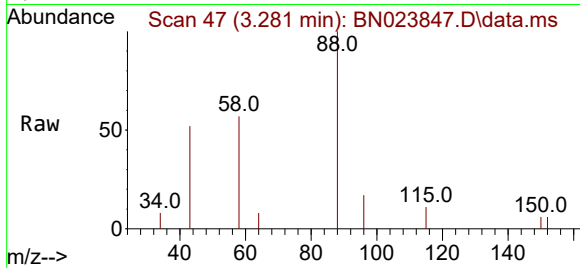




#2
 1,4-Dioxane
 Concen: 0.347 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN023847.D
 Acq: 30 Jan 2023 16:15

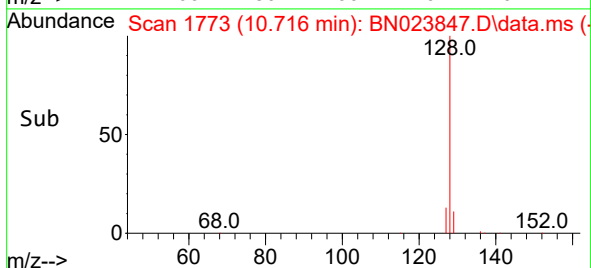
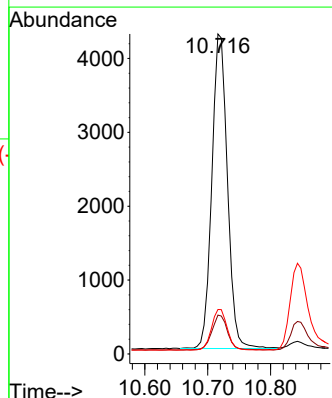
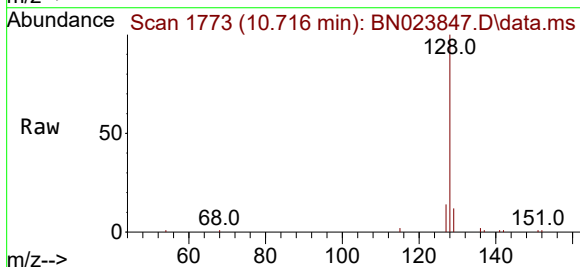
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4232

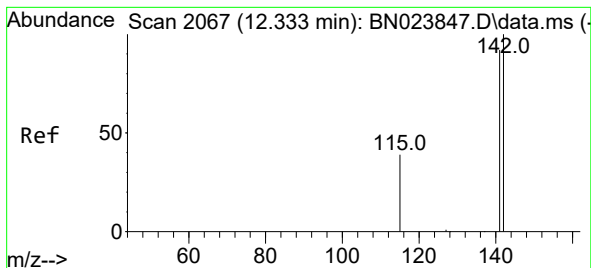
Tgt Ion: 88 Resp: 1206
 Ion Ratio Lower Upper
 88 100
 43 52.4 41.9 62.9
 58 57.0 45.6 68.4



#5
 Naphthalene
 Concen: 0.320 ng/ul
 RT: 10.716 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: BN023847.D
 Acq: 30 Jan 2023 16:15

Tgt Ion: 128 Resp: 7338
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.7 14.5
 127 13.9 11.1 16.7

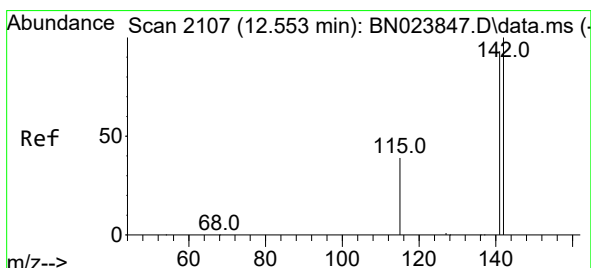
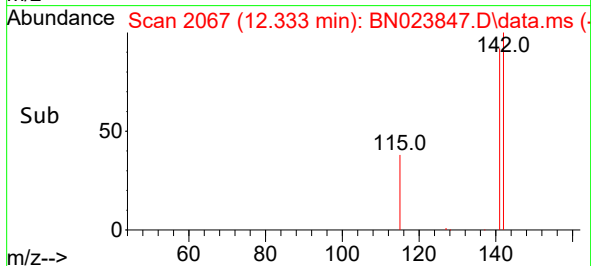
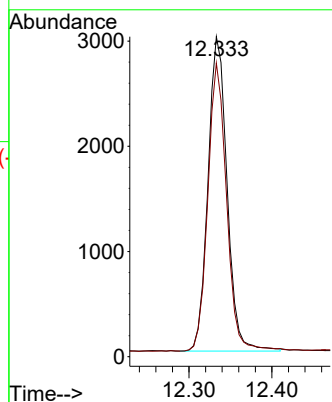
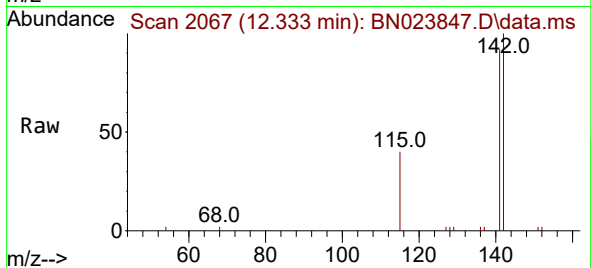




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

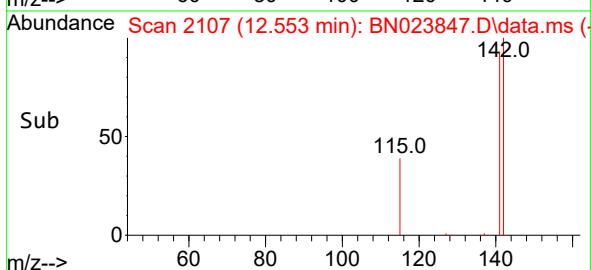
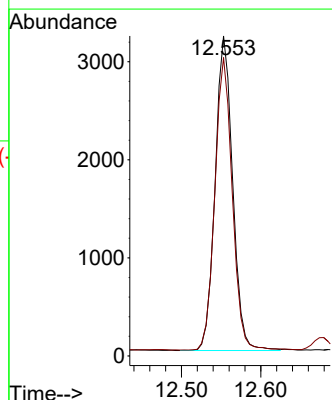
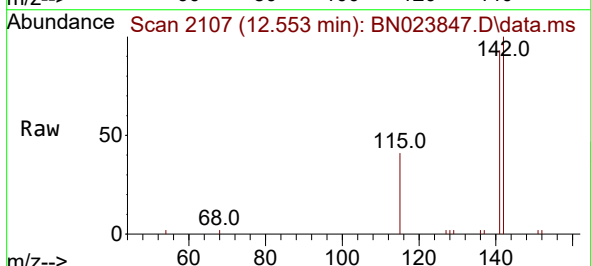
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

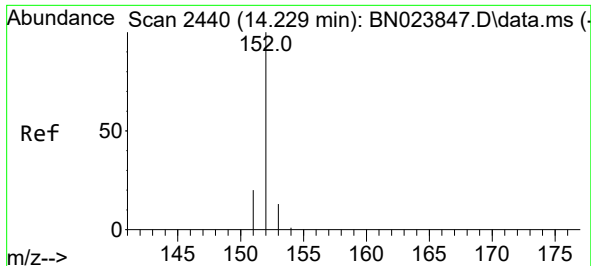
Tgt Ion:142 Resp: 4791
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:142 Resp: 4914
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

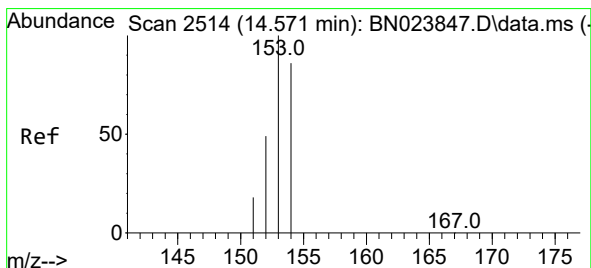
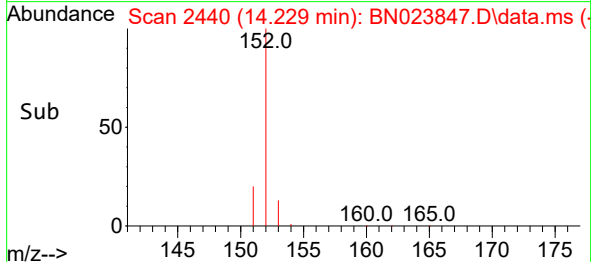
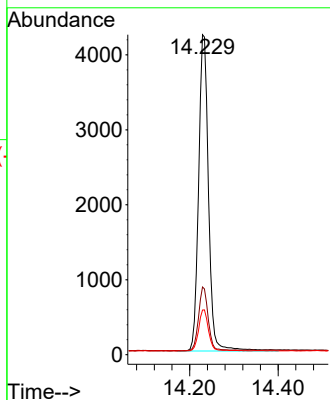
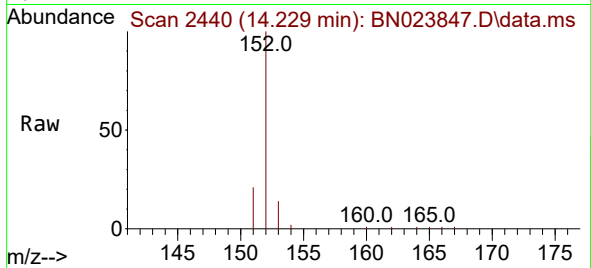




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.229 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

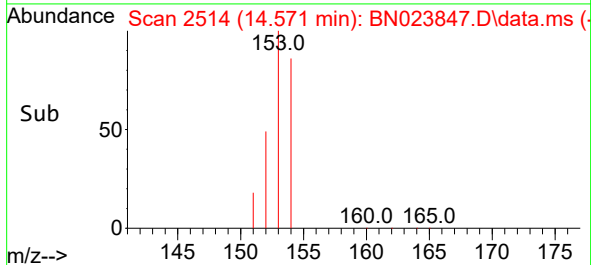
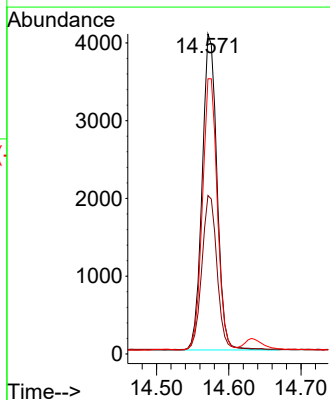
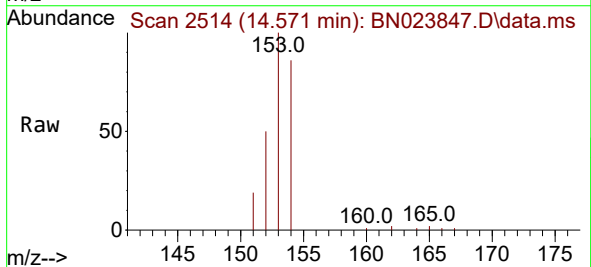
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

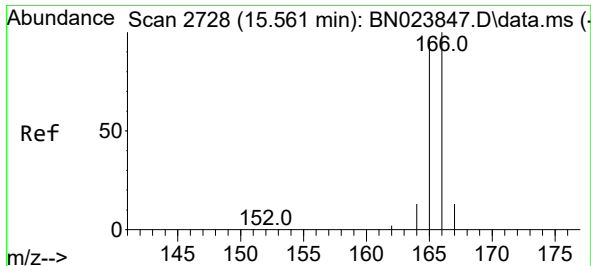
Tgt Ion:152 Resp: 6550
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.4
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.571 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:153 Resp: 5764
Ion Ratio Lower Upper
153 100
152 49.5 39.6 59.4
154 86.0 68.8 103.2

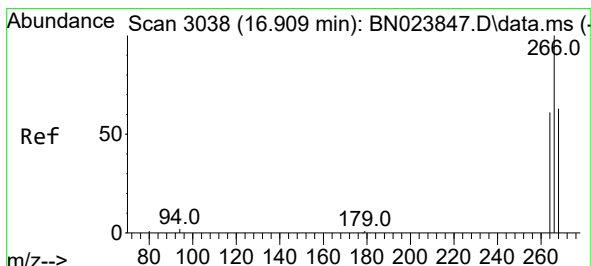
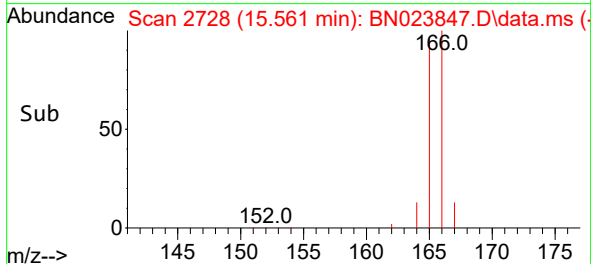
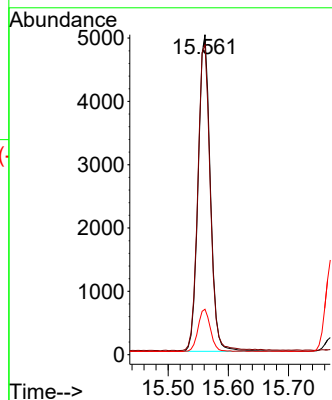
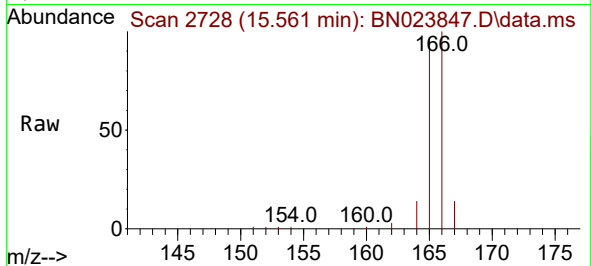




#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.561 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

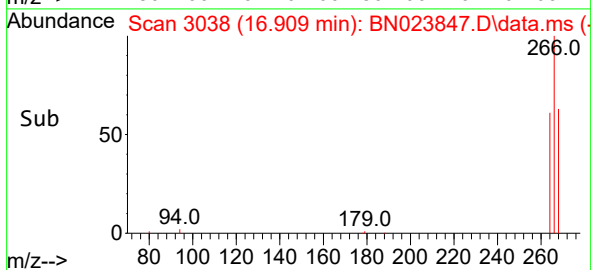
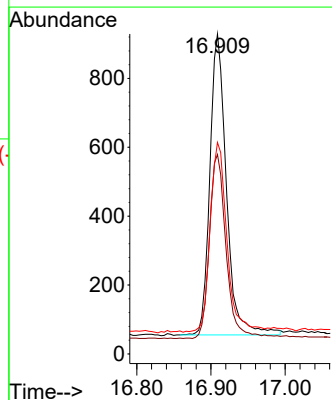
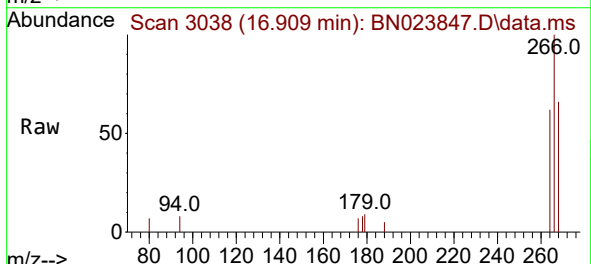
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

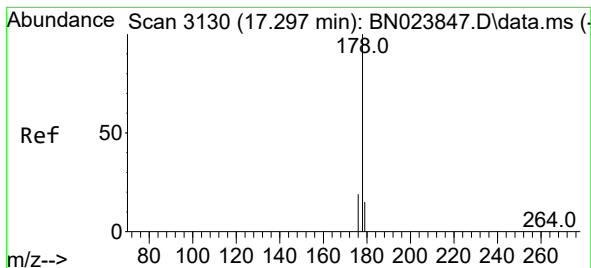
Tgt Ion:166 Resp: 7007
Ion Ratio Lower Upper
166 100
165 96.8 77.4 116.2
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.332 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:266 Resp: 1354
Ion Ratio Lower Upper
266 100
264 61.7 49.4 74.0
268 65.0 52.0 78.0





#15

Phenanthrene

Concen: 0.314 ng/ul

RT: 17.297 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BN023847.D

Acq: 30 Jan 2023 16:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.4232

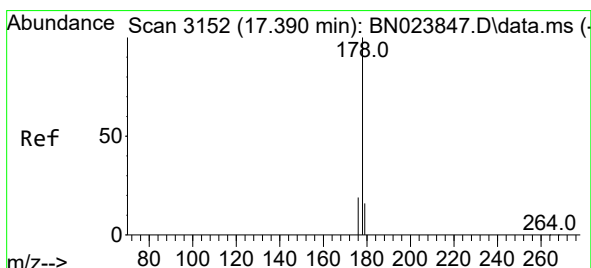
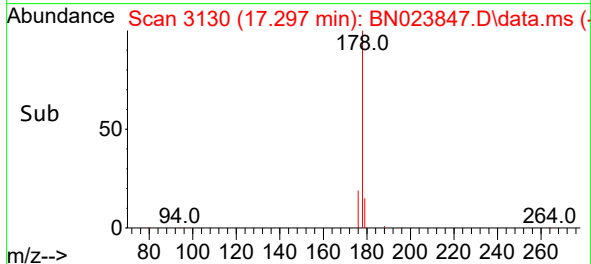
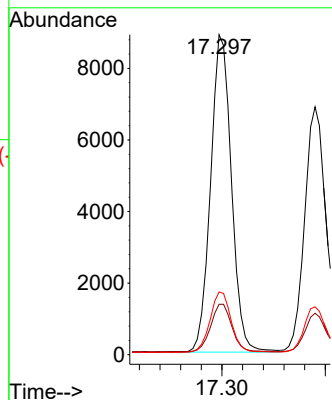
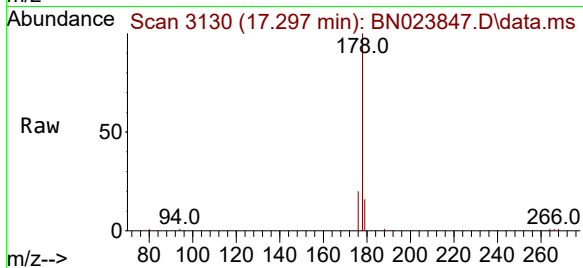
Tgt Ion:178 Resp: 12408

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.307 ng/ul

RT: 17.390 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BN023847.D

Acq: 30 Jan 2023 16:15

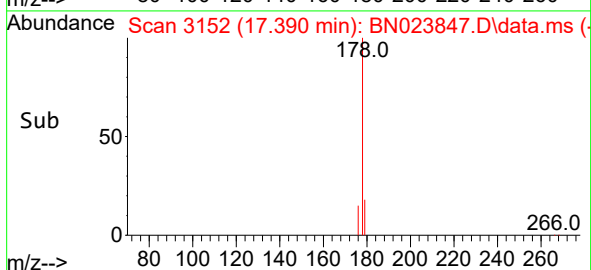
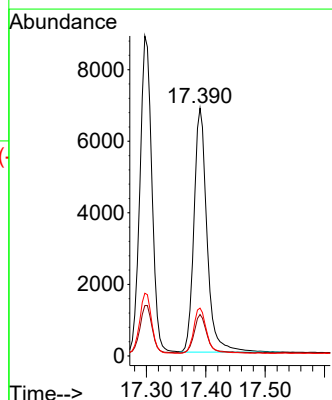
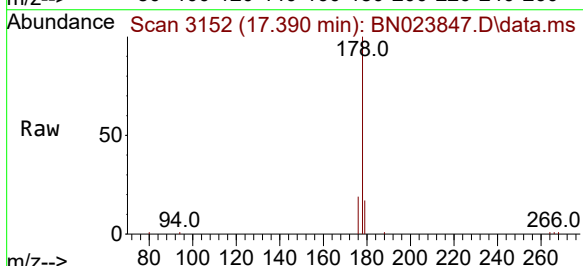
Tgt Ion:178 Resp: 10394

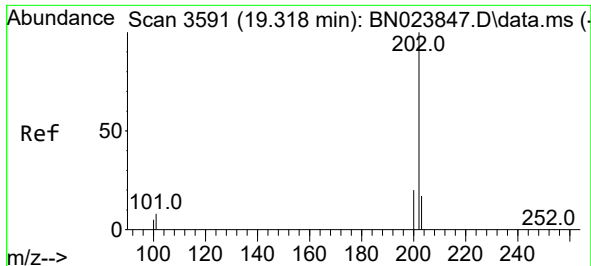
Ion Ratio Lower Upper

178 100

179 16.7 13.4 20.0

176 19.3 15.4 23.2

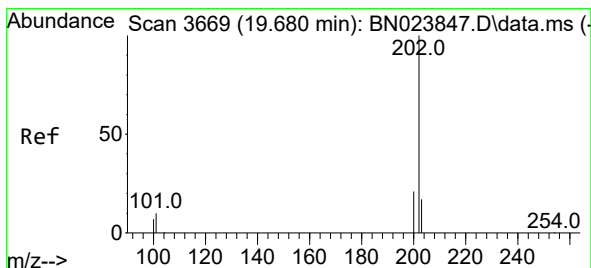
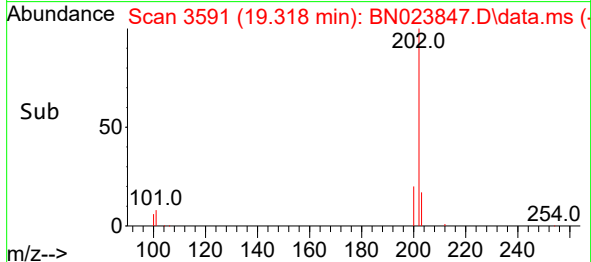
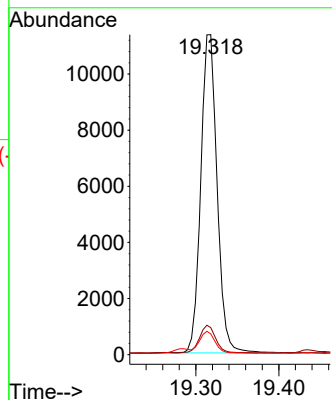
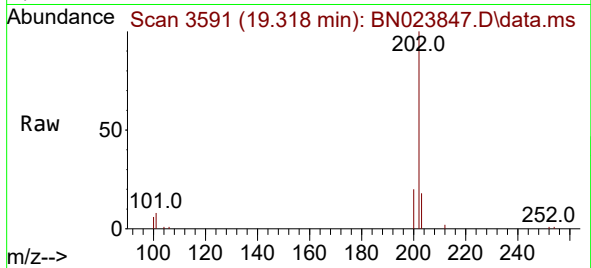




#19
Fluoranthene
Concen: 0.301 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

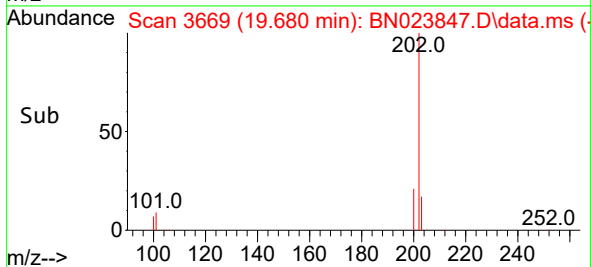
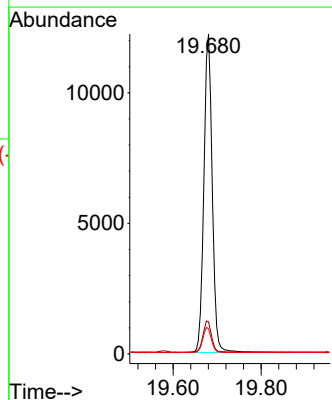
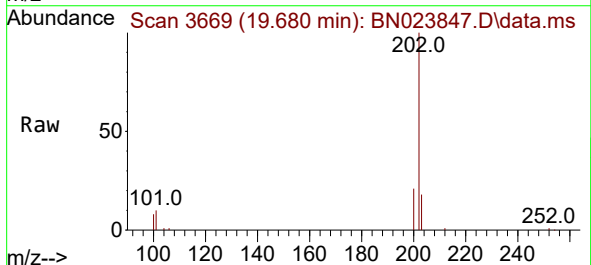
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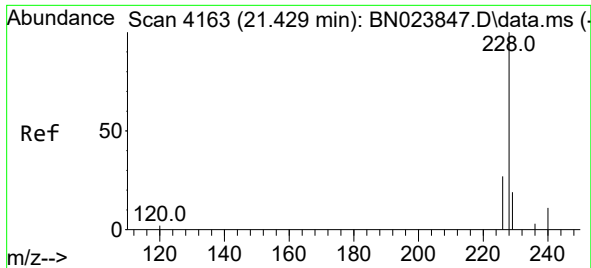
Tgt Ion:202 Resp: 15558
Ion Ratio Lower Upper
202 100
101 8.5 6.8 10.2
100 6.5 5.2 7.8



#20
Pyrene
Concen: 0.296 ng/ul
RT: 19.680 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:202 Resp: 16104
Ion Ratio Lower Upper
202 100
101 10.1 8.1 12.1
100 7.8 6.2 9.4

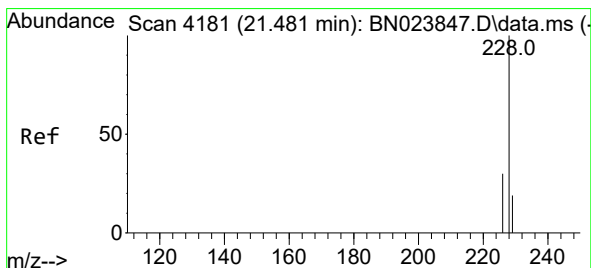
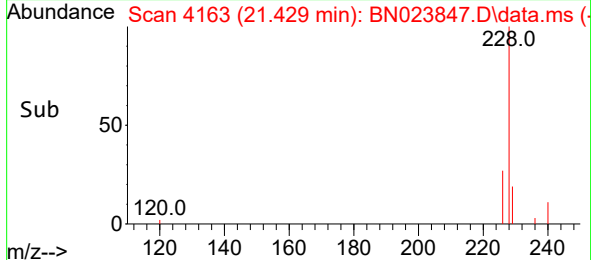
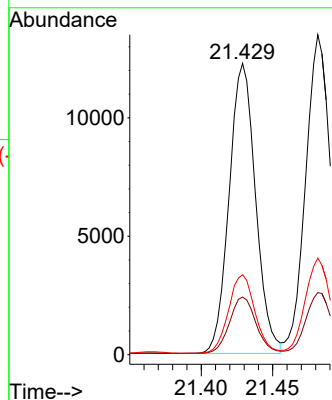
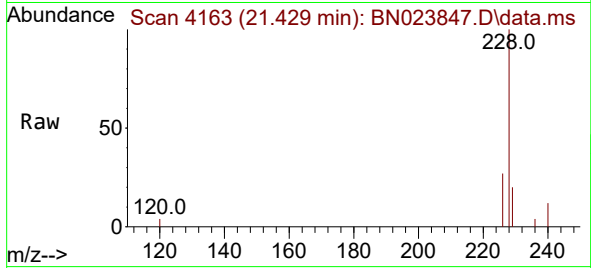




#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

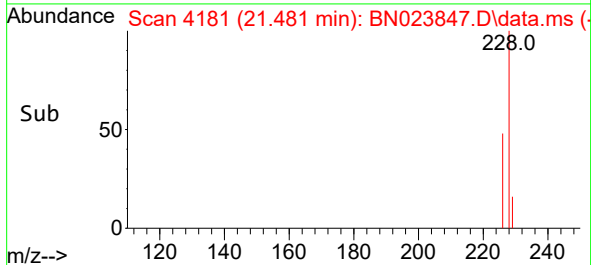
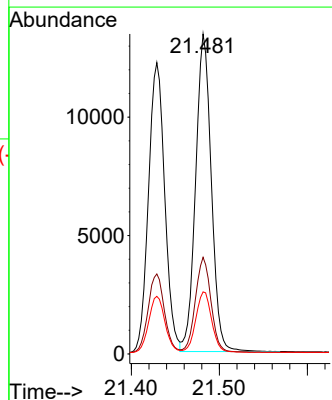
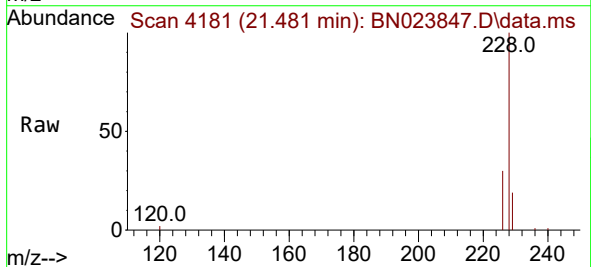
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

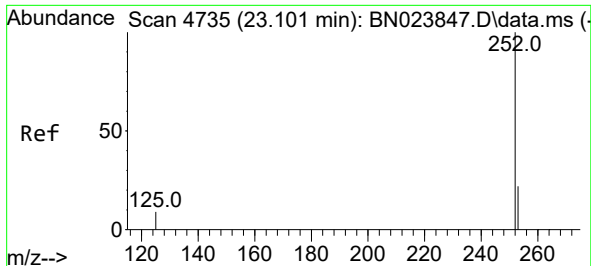
Tgt Ion:228 Resp: 15744
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:228 Resp: 16632
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.4 15.5 23.3

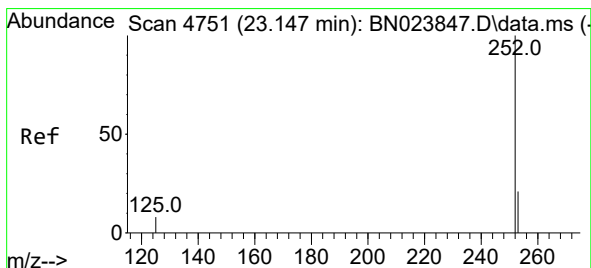
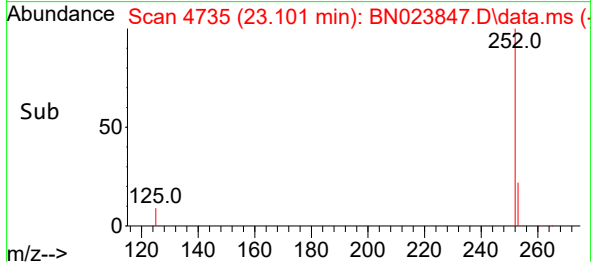
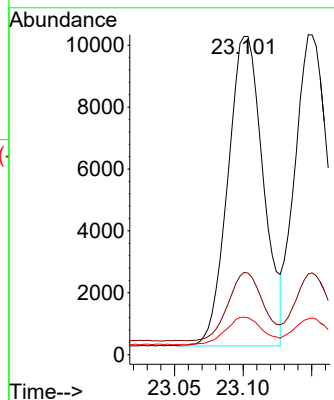
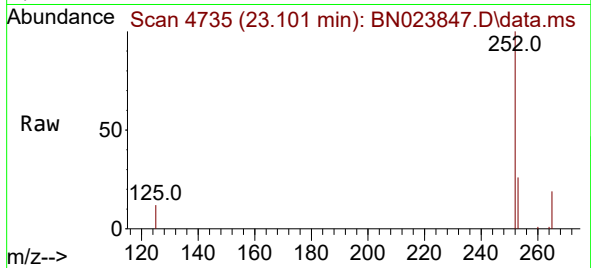




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.101 min Scan# 4735
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

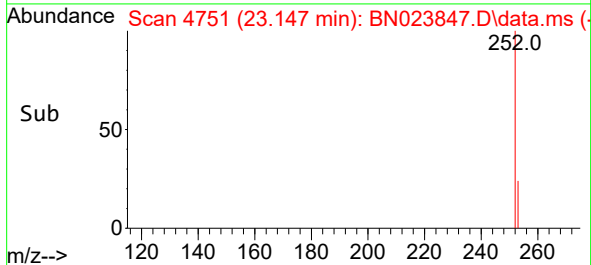
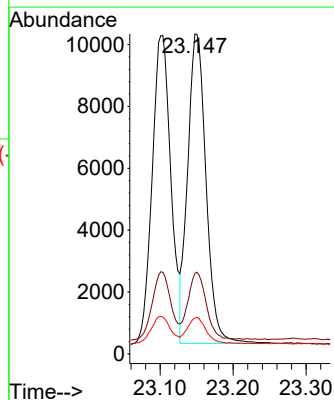
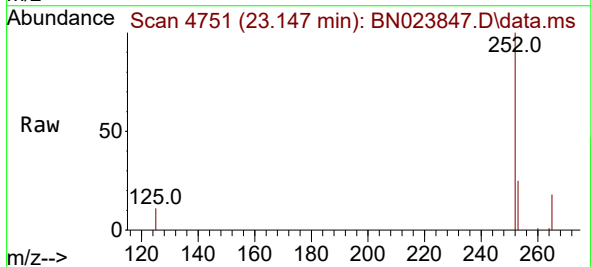
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

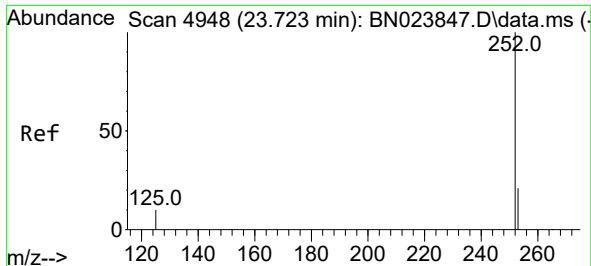
Tgt Ion:252 Resp: 17938
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.8
125 11.8 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:252 Resp: 17505
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.2
125 11.2 9.0 13.4

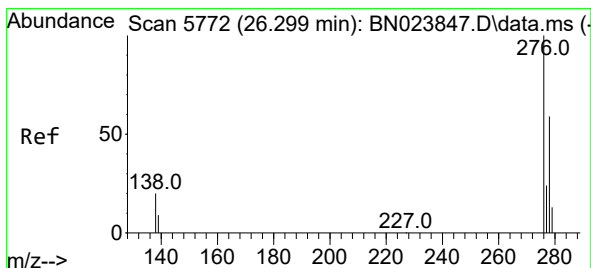
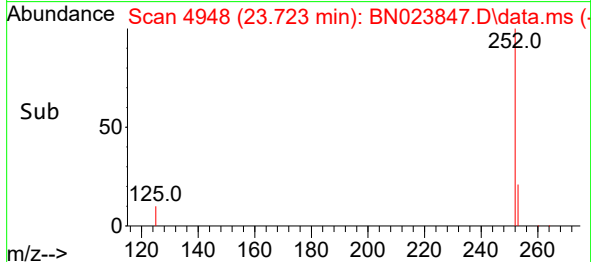
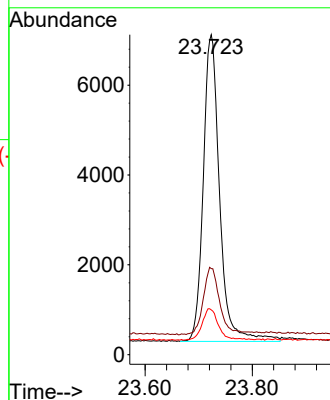
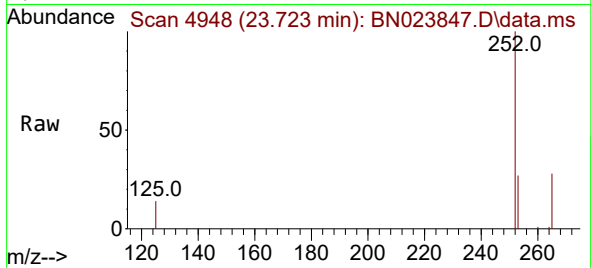




#26
Benzo(a)pyrene
Concen: 0.315 ng/ul
RT: 23.723 min Scan# 4948
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

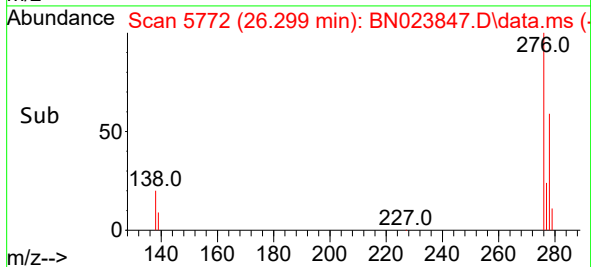
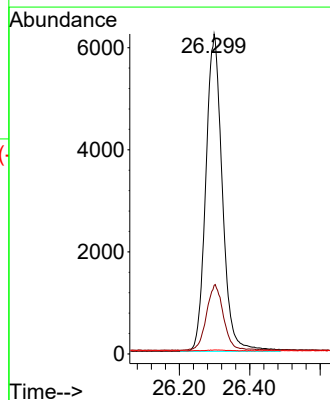
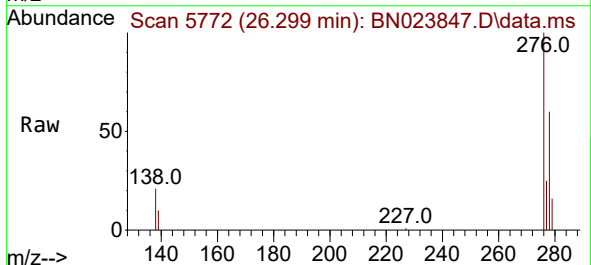
Instrument :
BNA_N
ClientSampleId :
SSTD0.4232

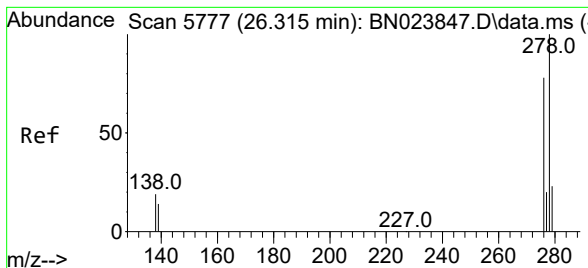
Tgt Ion:	252	Resp:	14457
Ion Ratio	Lower	Upper	
252	100		
253	26.9	21.5	32.3
125	14.0	11.2	16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. 0.000 min
Lab File: BN023847.D
Acq: 30 Jan 2023 16:15

Tgt Ion:	276	Resp:	20248
Ion Ratio	Lower	Upper	
276	100		
138	21.3	17.0	25.6
227	0.3	0.2	0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.362 ng/ul

RT: 26.315 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN023847.D

Acq: 30 Jan 2023 16:15

Instrument :

BNA_N

ClientSampleId :

SSTD0.4232

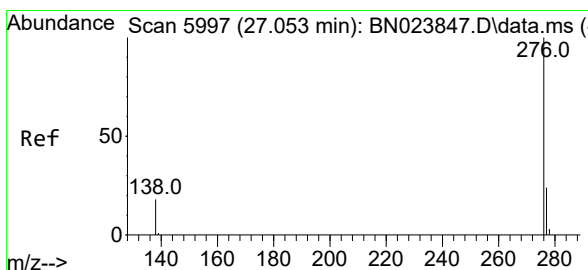
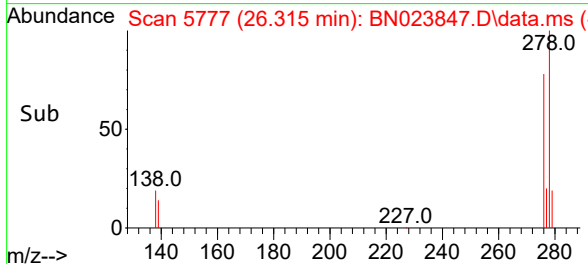
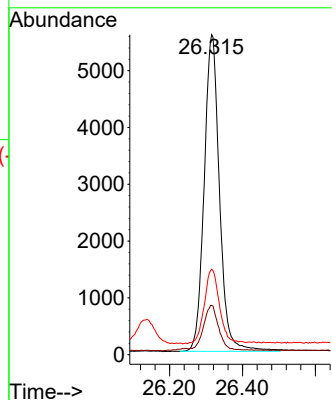
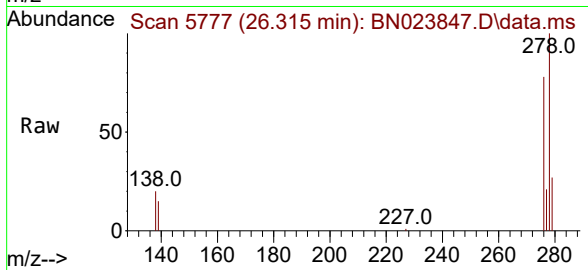
Tgt Ion:278 Resp: 16329

Ion Ratio Lower Upper

278 100

139 15.4 12.3 18.5

279 26.7 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.375 ng/ul

RT: 27.053 min Scan# 5997

Delta R.T. 0.000 min

Lab File: BN023847.D

Acq: 30 Jan 2023 16:15

Tgt Ion:276 Resp: 17075

Ion Ratio Lower Upper

276 100

138 19.1 15.3 22.9

277 24.9 19.9 29.9

