

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042123\
 Data File : BN025060.D
 Acq On : 21 Apr 2023 17:38
 Operator : CG/JU
 Sample : PB152245BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS245

Quant Time: Apr 22 00:17:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

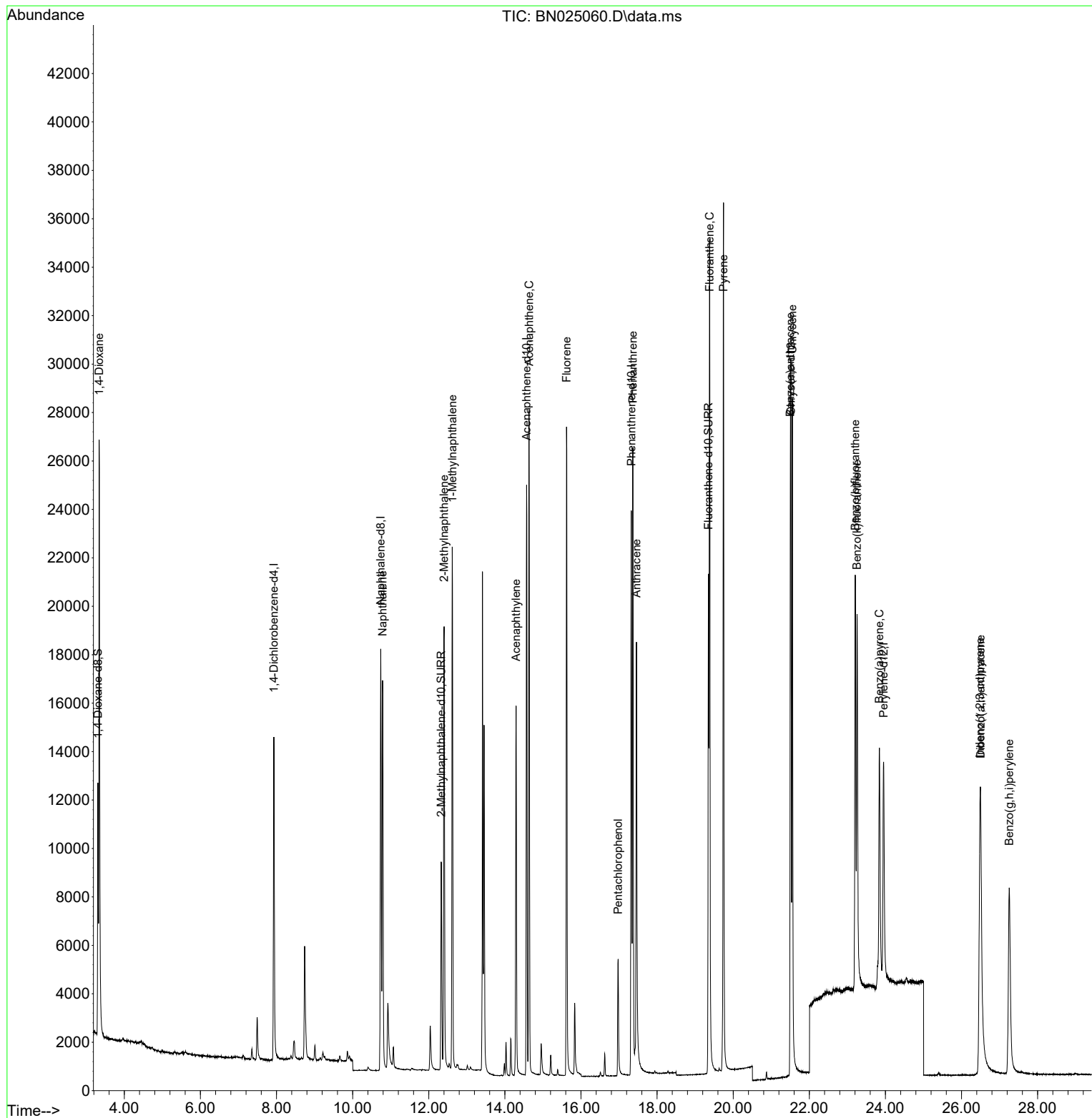
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	23655	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.571	164	13312	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	27966	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	18814	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	14885	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	6142	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	11852	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	23681	0.477	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	15495	1.843	ng/ul	88
5) Naphthalene	10.787	128	22835	0.377	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	14053	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	14917	0.377	ng/ul	100
10) Acenaphthylene	14.293	152	18302	0.369	ng/ul	99
11) Acenaphthene	14.636	153	16086	0.385	ng/ul	100
12) Fluorene	15.621	166	17809	0.381	ng/ul	98
14) Pentachlorophenol	16.976	266	3614	0.658	ng/ul	99
15) Phenanthrene	17.365	178	29078	0.368	ng/ul	100
16) Anthracene	17.457	178	23287	0.361	ng/ul	99
19) Fluoranthene	19.378	202	31399	0.462	ng/ul	98
20) Pyrene	19.745	202	31782	0.455	ng/ul	99
21) Benzo(a)anthracene	21.501	228	22140	0.391	ng/ul	99
22) Chrysene	21.553	228	26070	0.422	ng/ul	99
24) Benzo(b)fluoranthene	23.207	252	23479	0.389	ng/ul	100
25) Benzo(k)fluoranthene	23.254	252	22892	0.394	ng/ul	99
26) Benzo(a)pyrene	23.842	252	18060	0.361	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.485	276	21863	0.380	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.501	278	16800	0.374	ng/ul	97
29) Benzo(g,h,i)perylene	27.256	276	20109	0.411	ng/ul	99

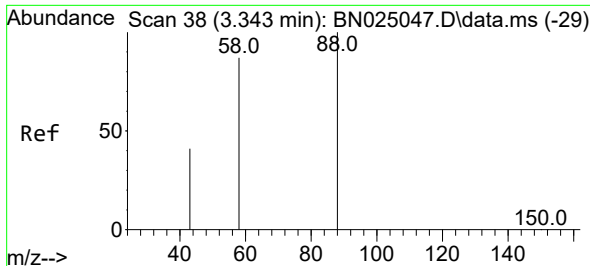
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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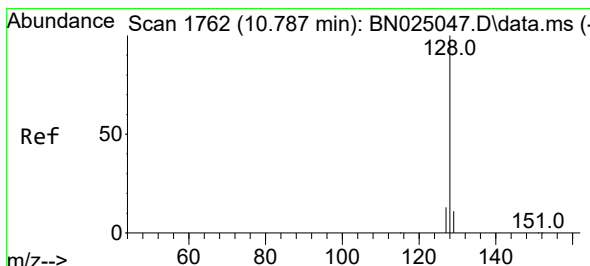
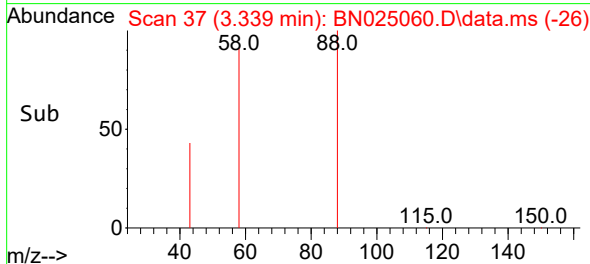
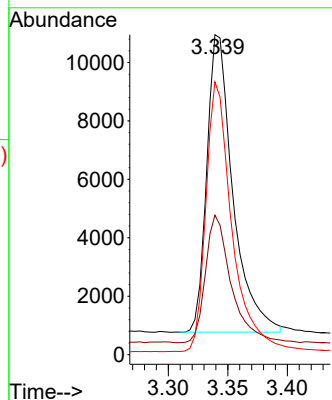
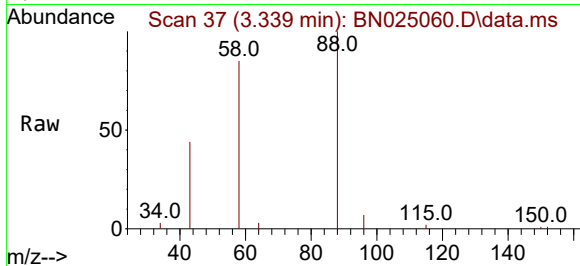




#2
 1,4-Dioxane
 Concen: 1.843 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN025060.D
 Acq: 21 Apr 2023 17:38

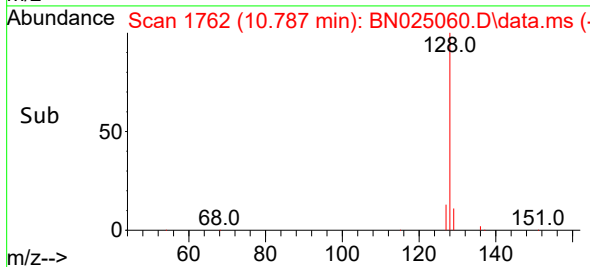
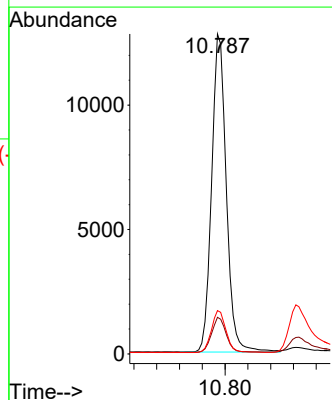
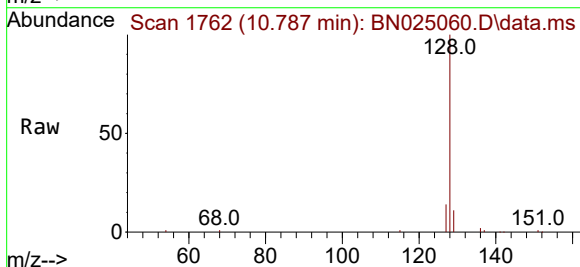
Instrument :
 BNA_N
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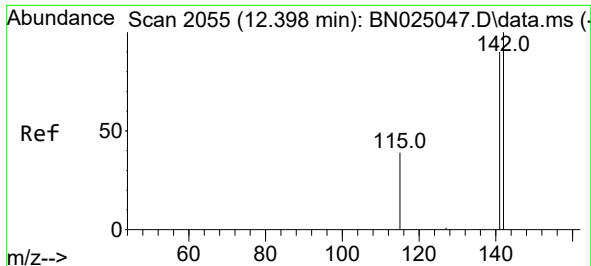
Tgt Ion: 88 Resp: 15495
 Ion Ratio Lower Upper
 88 100
 43 43.6 37.0 55.4
 58 85.3 56.9 85.3



#5
 Naphthalene
 Concen: 0.377 ng/ul
 RT: 10.787 min Scan# 1762
 Delta R.T. -0.005 min
 Lab File: BN025060.D
 Acq: 21 Apr 2023 17:38

Tgt Ion:128 Resp: 22835
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.6 10.7 16.1

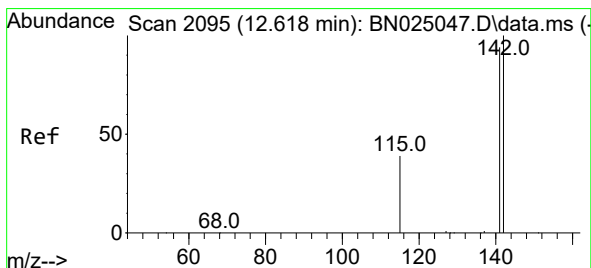
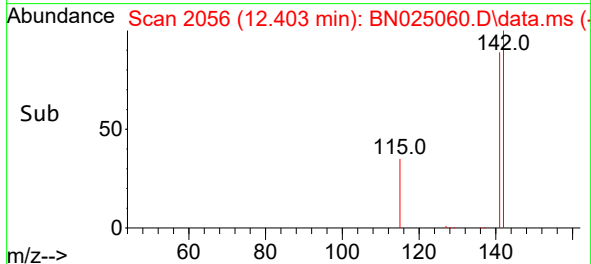
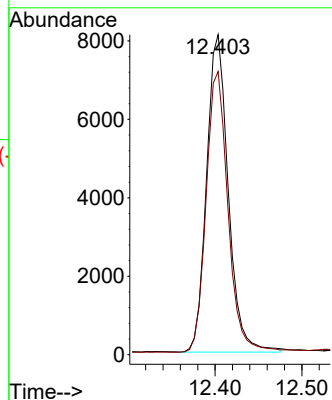
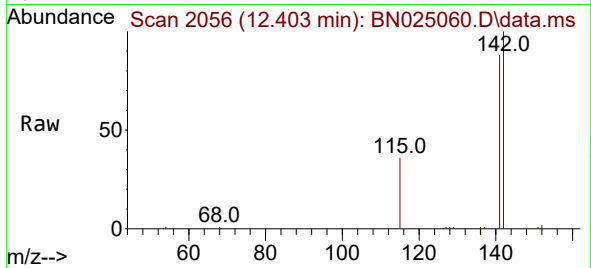




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

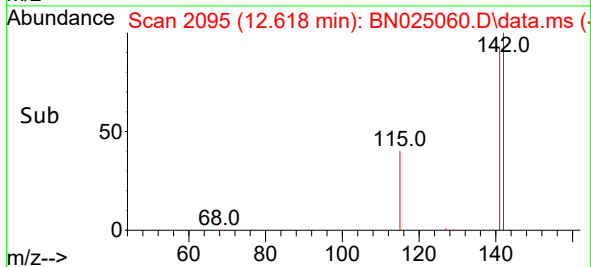
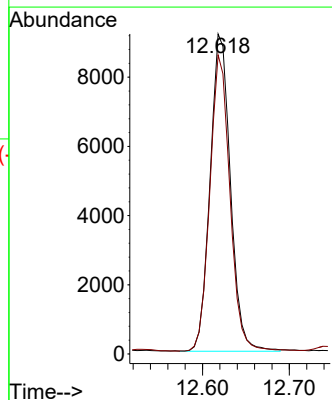
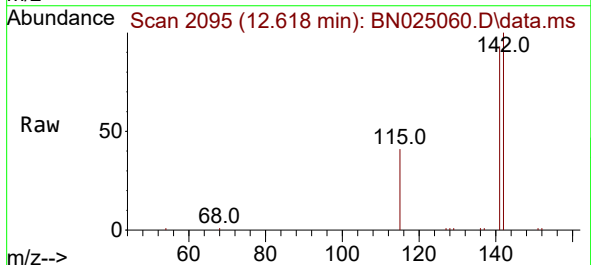
Instrument :
BNA_N
ClientSampleId :
SLCS245

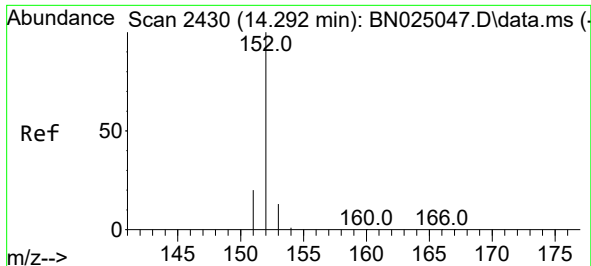
Tgt Ion:142 Resp: 14053
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion:142 Resp: 14917
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6

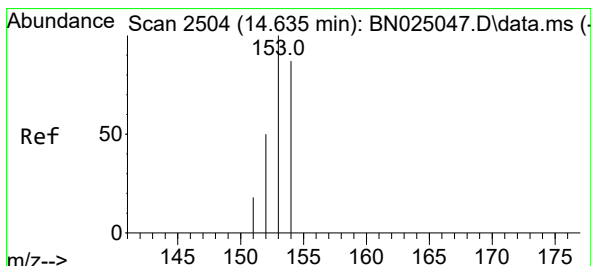
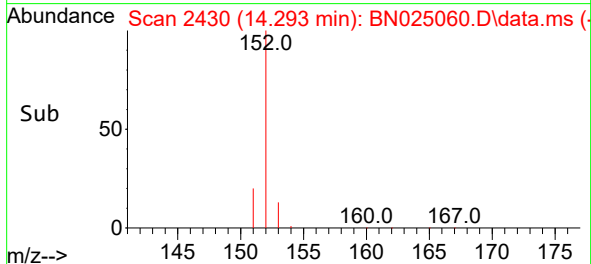
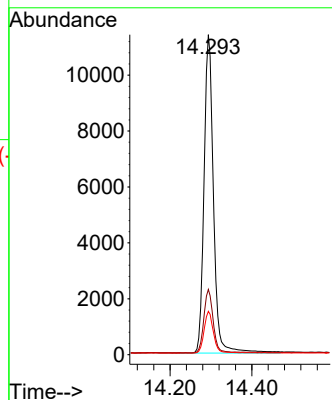
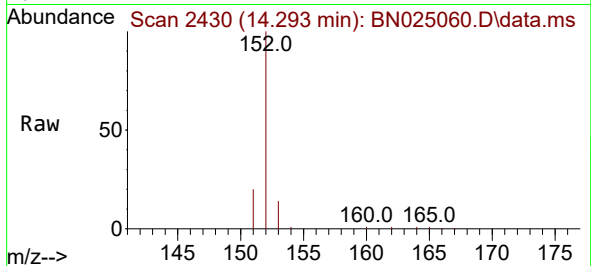




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

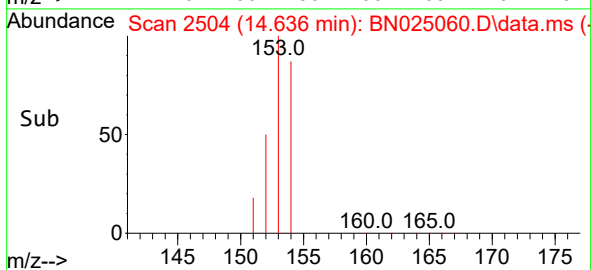
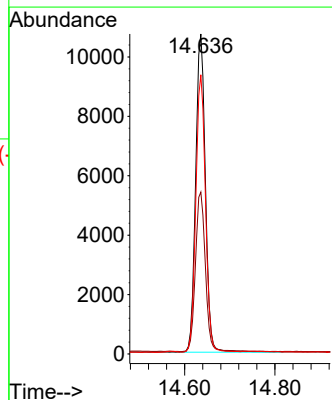
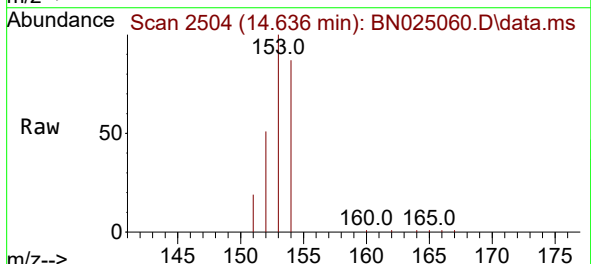
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BNA_N
ClientSampleId :
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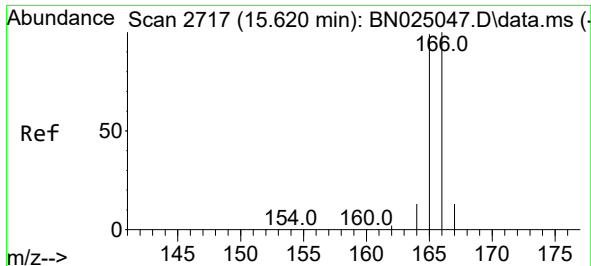
Tgt Ion:152 Resp: 18302
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.636 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion:153 Resp: 16086
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 87.2 69.4 104.2

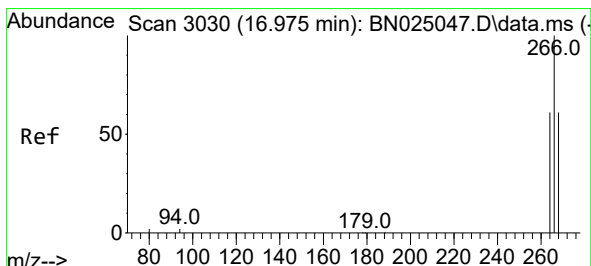
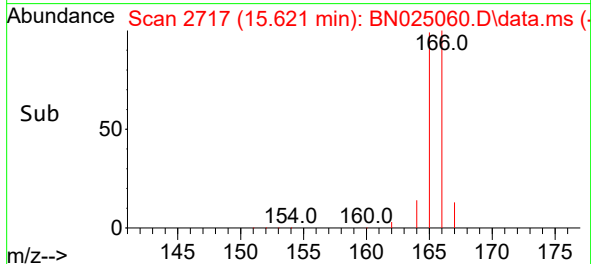
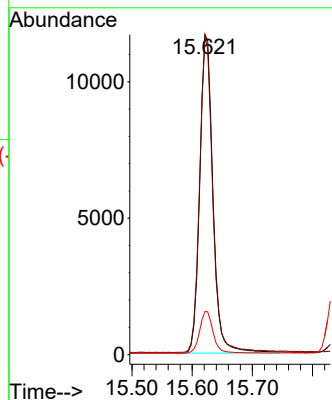
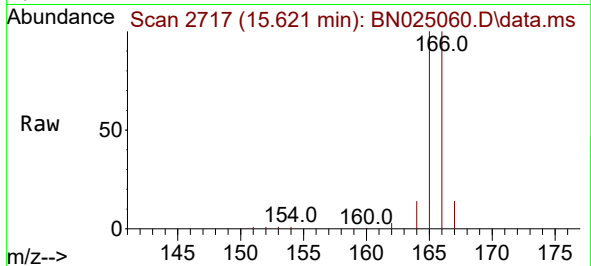




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

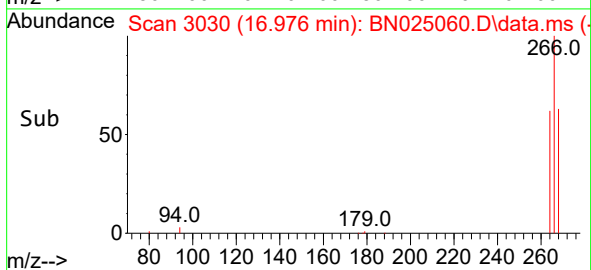
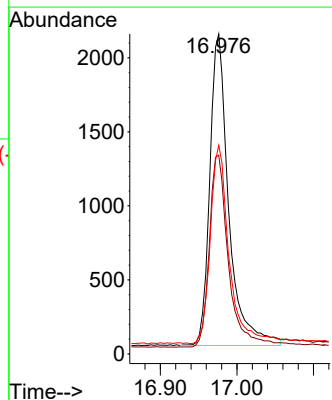
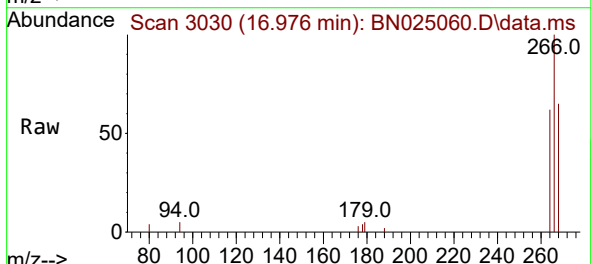
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BNA_N
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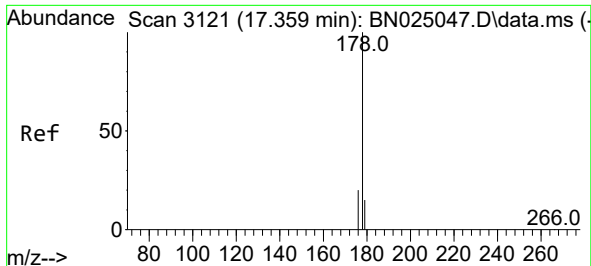
Tgt Ion:166 Resp: 17809
Ion Ratio Lower Upper
166 100
165 99.7 78.1 117.1
167 13.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.658 ng/ul
RT: 16.976 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion:266 Resp: 3614
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 63.6 51.3 76.9

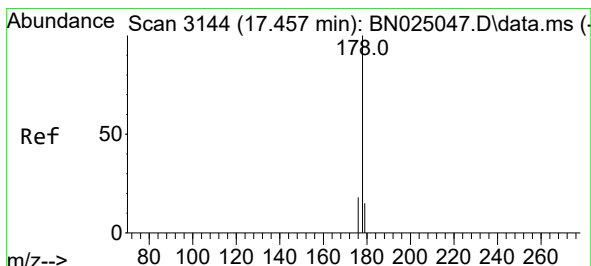
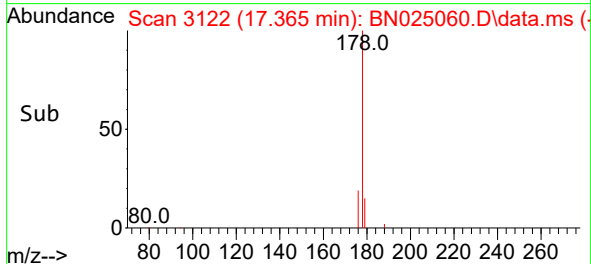
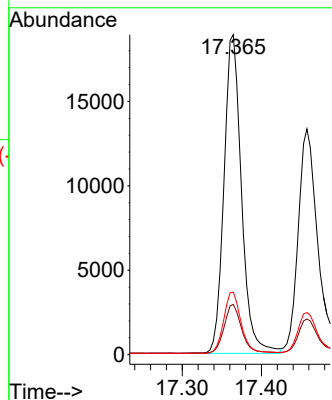
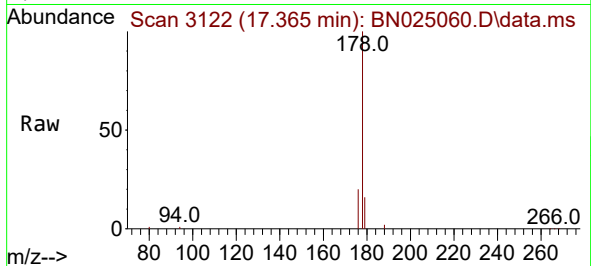




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.365 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

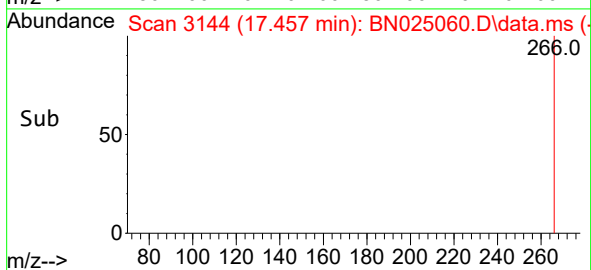
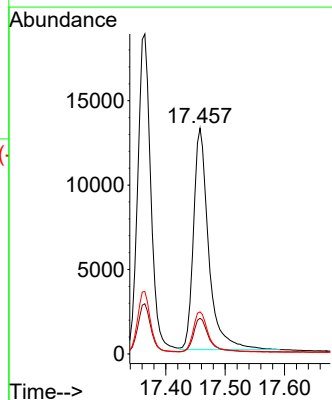
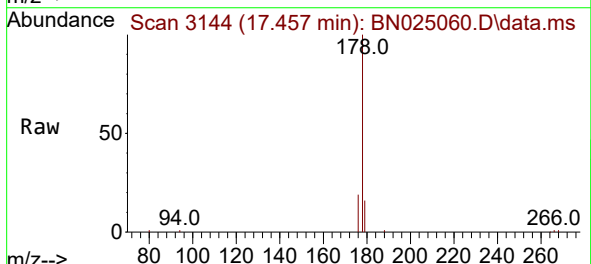
Instrument :
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ClientSampleId :
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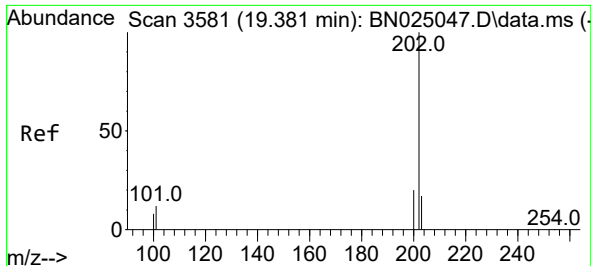
Tgt Ion:178 Resp: 29078
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion:178 Resp: 23287
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.7 15.3 22.9

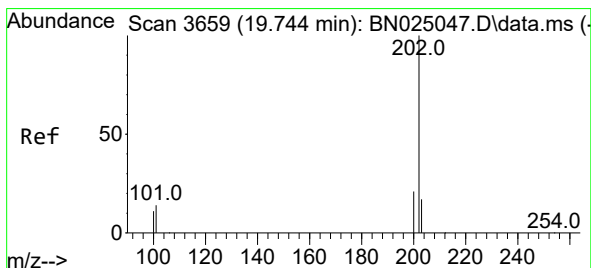
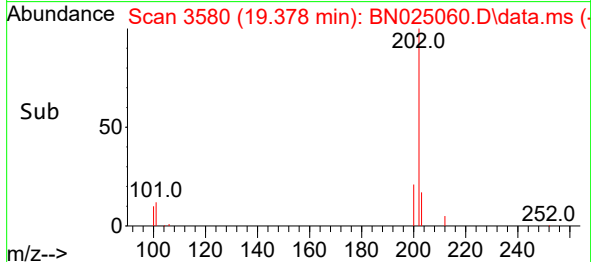
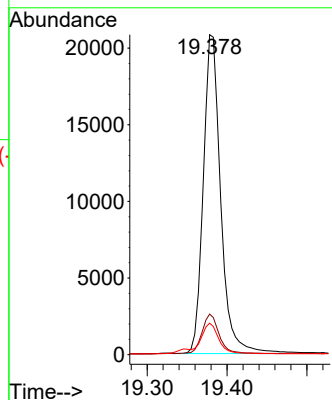
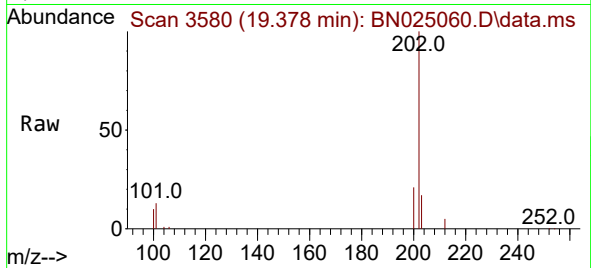




#19
Fluoranthene
Concen: 0.462 ng/u1
RT: 19.378 min Scan# 31399
Delta R.T. -0.004 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

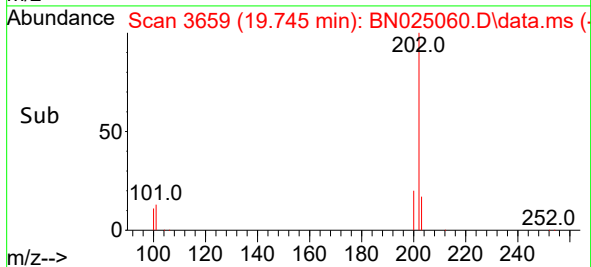
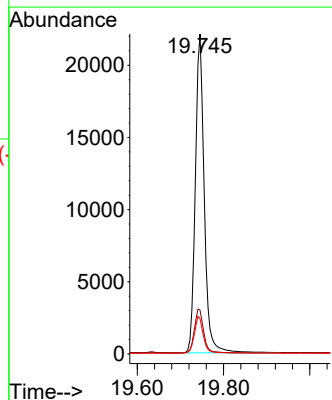
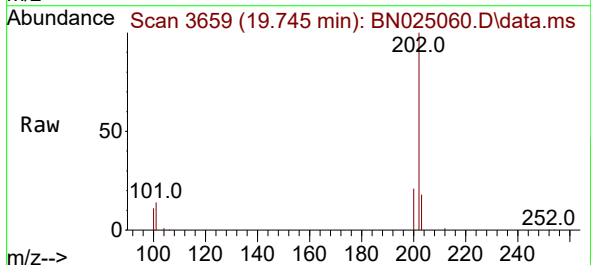
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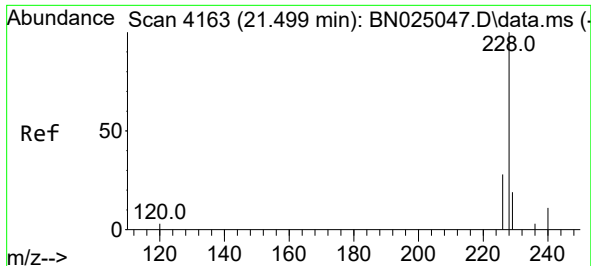
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	9.9	7.3	10.9



#20
Pyrene
Concen: 0.455 ng/u1
RT: 19.745 min Scan# 3659
Delta R.T. 0.001 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.3	16.9
100	11.0	9.2	13.8

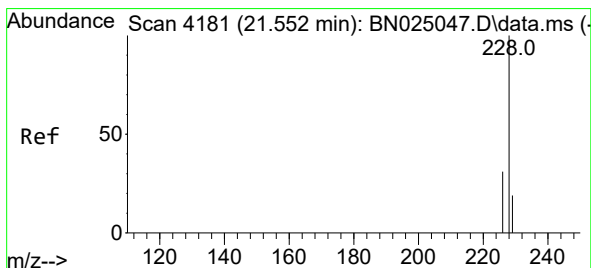
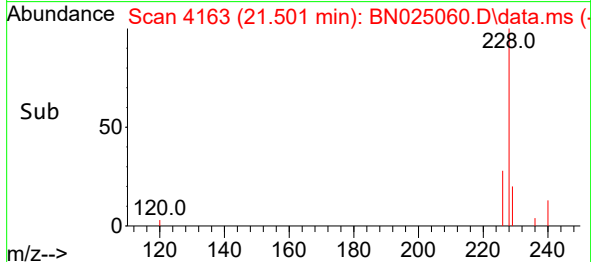
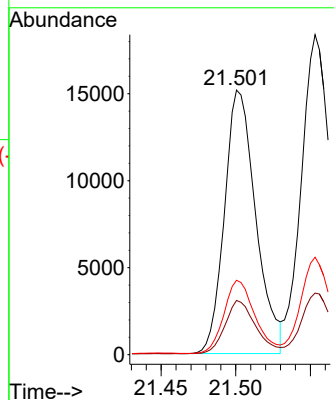
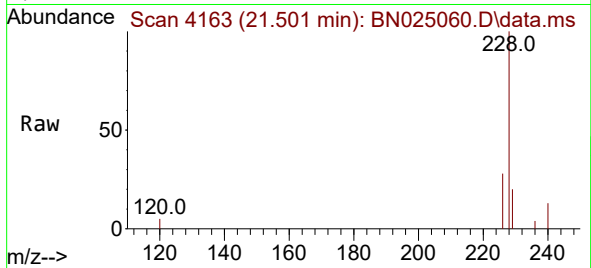




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.501 min Scan# 4163
Delta R.T. 0.001 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

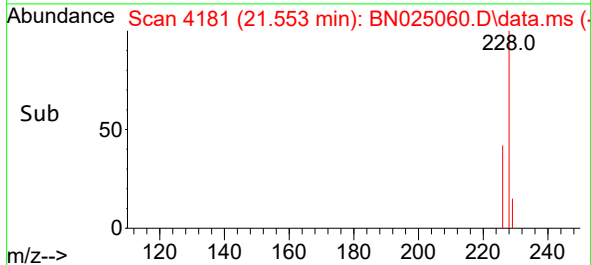
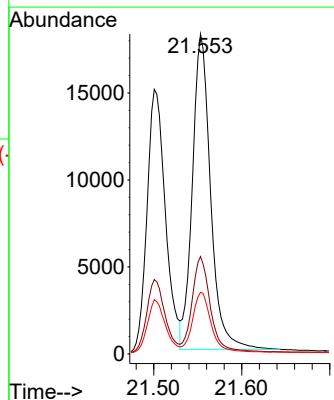
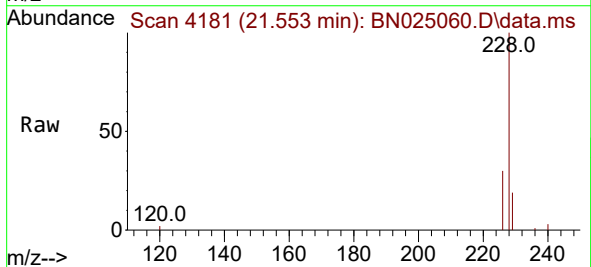
Instrument :
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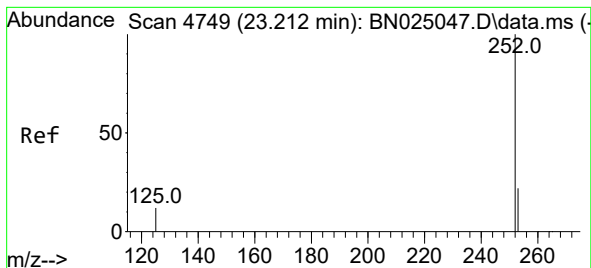
Tgt Ion:228 Resp: 22140
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.422 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion:228 Resp: 26070
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.2 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.389 ng/ul

RT: 23.207 min Scan# 41

Delta R.T. -0.005 min

Lab File: BN025060.D

Acq: 21 Apr 2023 17:38

Instrument :

BNA_N

ClientSampleId :

SLCS245

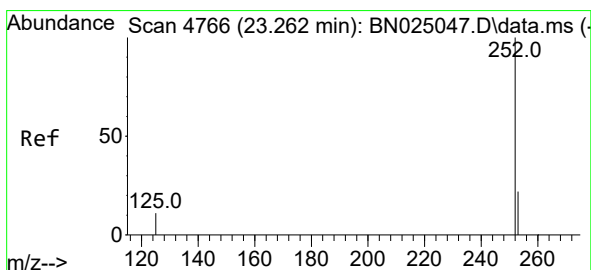
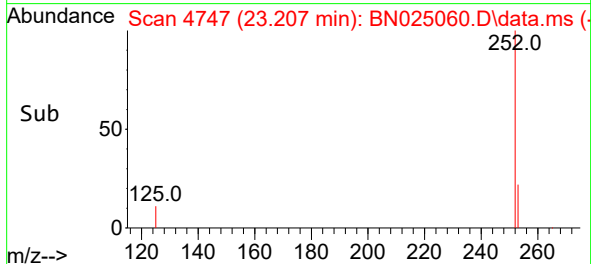
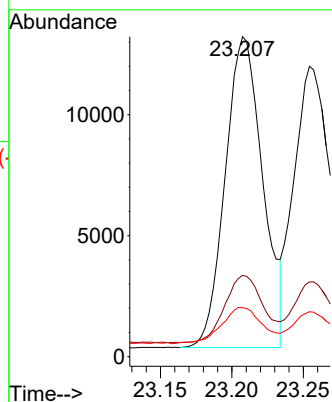
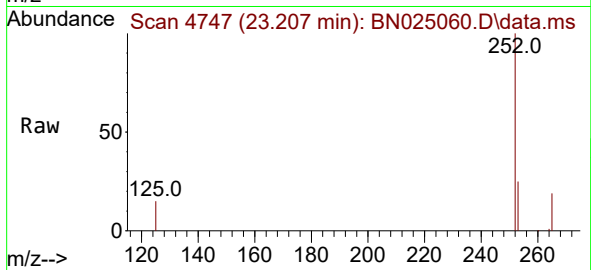
Tgt Ion:252 Resp: 23479

Ion Ratio Lower Upper

252 100

253 25.4 0.0 50.2

125 15.3 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.394 ng/ul

RT: 23.254 min Scan# 4763

Delta R.T. -0.008 min

Lab File: BN025060.D

Acq: 21 Apr 2023 17:38

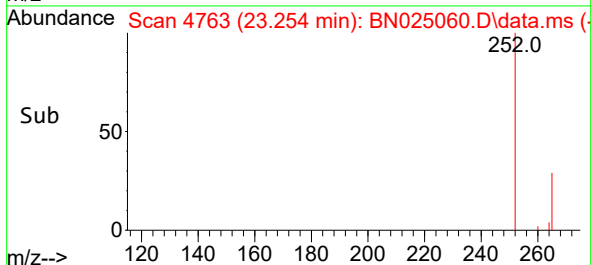
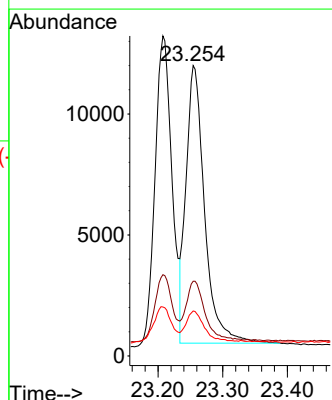
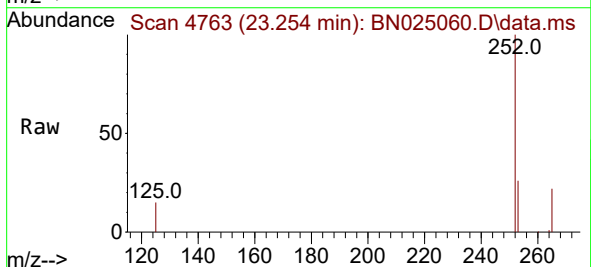
Tgt Ion:252 Resp: 22892

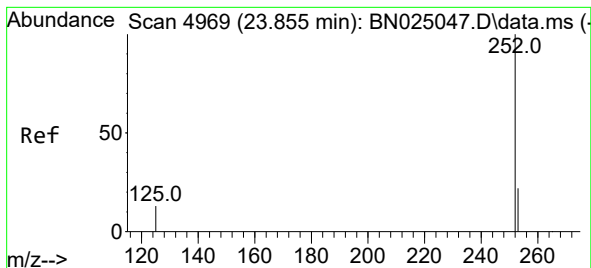
Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.4

125 15.5 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.361 ng/ul

RT: 23.842 min Scan# 4969

Delta R.T. -0.014 min

Lab File: BN025060.D

Acq: 21 Apr 2023 17:38

Instrument :

BNA_N

ClientSampleId :

SLCS245

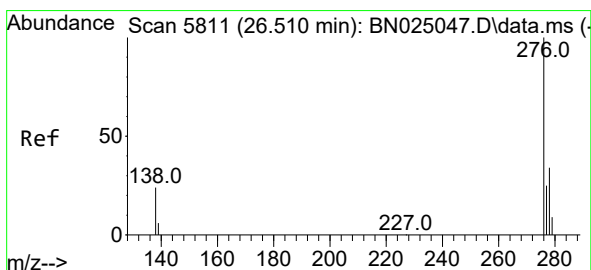
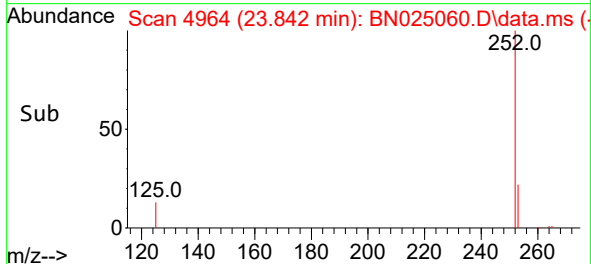
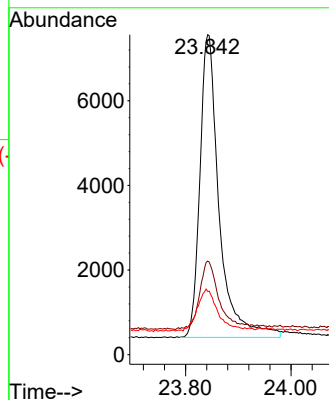
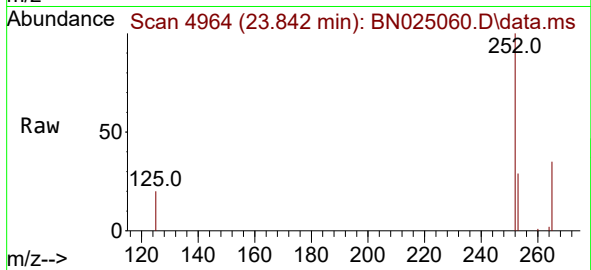
Tgt Ion:252 Resp: 18060

Ion Ratio Lower Upper

252 100

253 29.2 21.4 32.2

125 19.8 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng/ul

RT: 26.485 min Scan# 5803

Delta R.T. -0.026 min

Lab File: BN025060.D

Acq: 21 Apr 2023 17:38

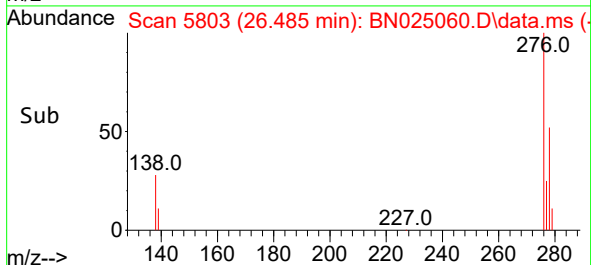
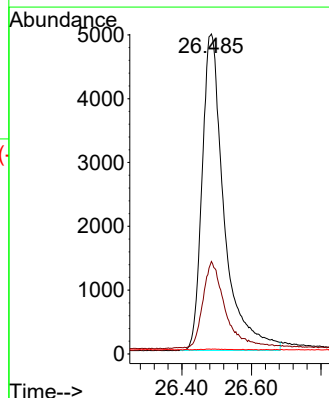
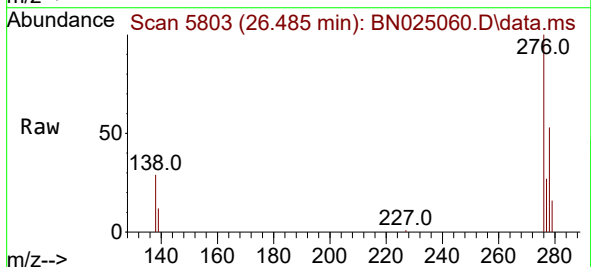
Tgt Ion:276 Resp: 21863

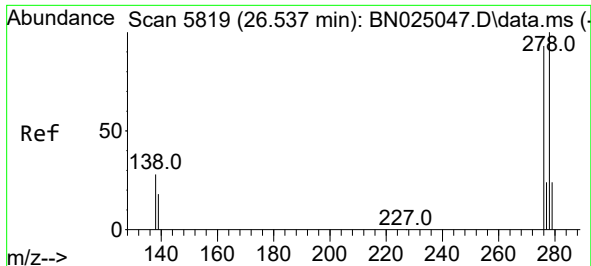
Ion Ratio Lower Upper

276 100

138 27.7 21.9 32.9

227 0.0 0.1 0.1#

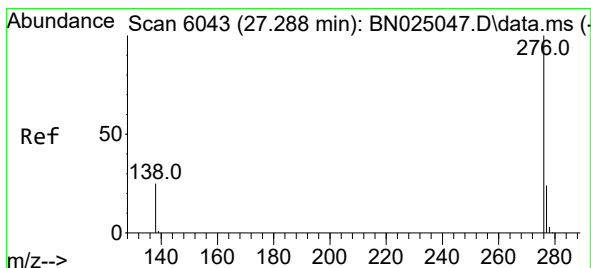
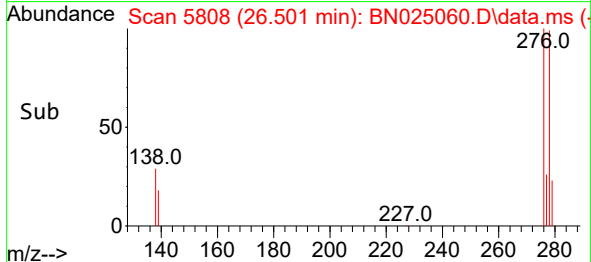
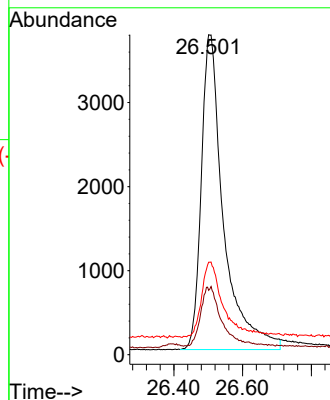
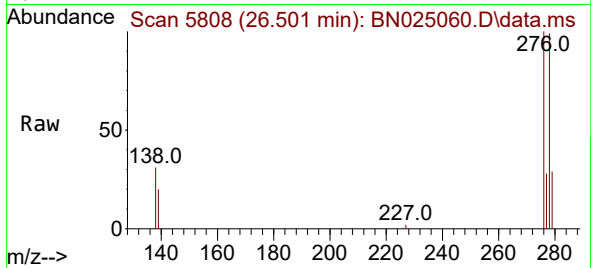




#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.501 min Scan# 5808
Delta R.T. -0.036 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Instrument :
BNA_N
ClientSampleId :
SLCS245

Tgt Ion:278 Resp: 16800
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 28.9 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.256 min Scan# 6033
Delta R.T. -0.036 min
Lab File: BN025060.D
Acq: 21 Apr 2023 17:38

Tgt Ion:276 Resp: 20109
Ion Ratio Lower Upper
276 100
138 25.3 20.3 30.5
277 24.1 19.8 29.6

