

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041223\
 Data File : BN024853.D
 Acq On : 12 Apr 2023 18:58
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4266

Quant Time: Apr 13 02:48:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

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

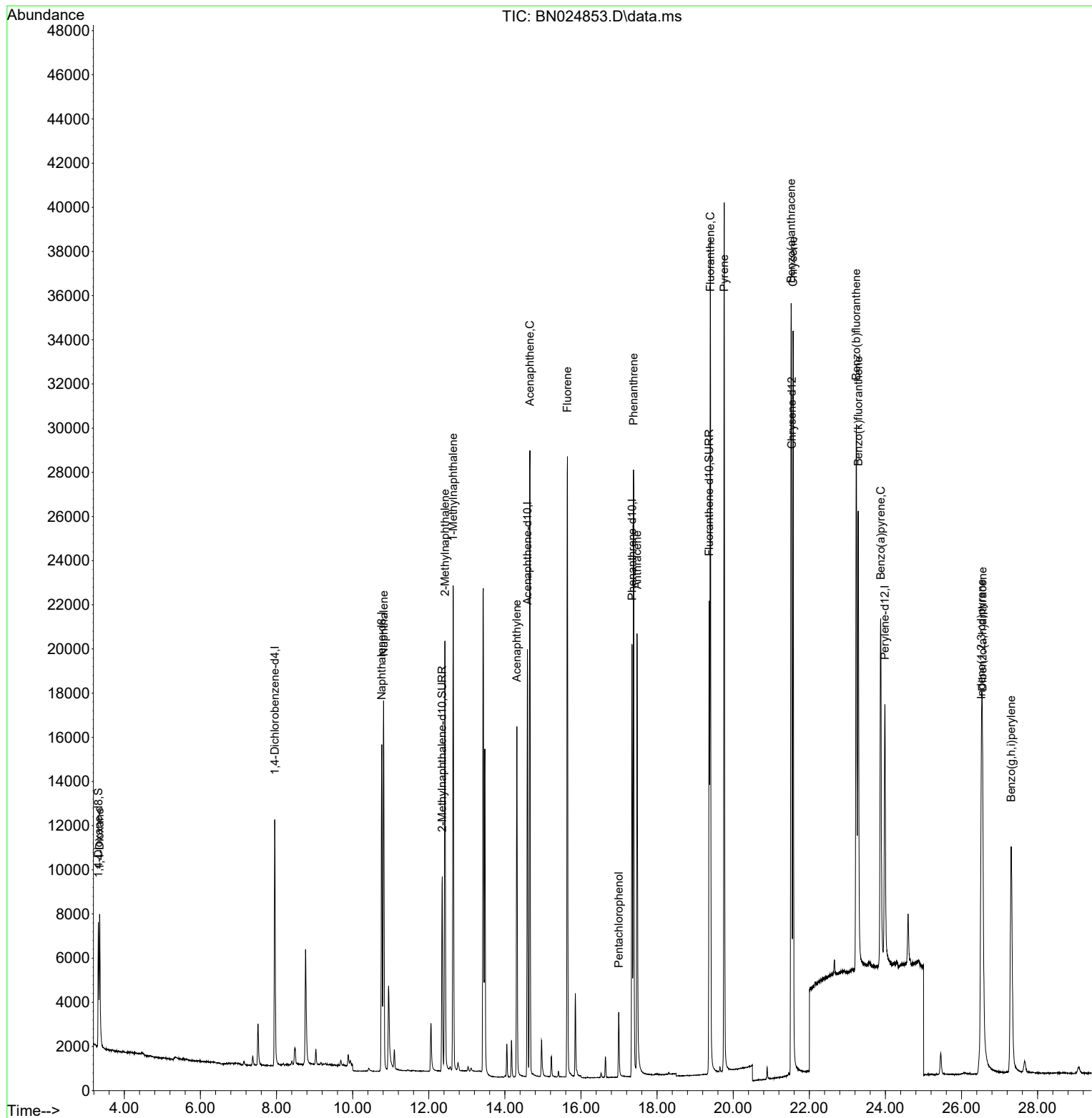
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	6395	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	19597	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	10645	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	23012	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	19310	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	16984	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	3417	0.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	11625	0.462	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	23789	0.496	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	3741	0.486	ng/ul	97
5) Naphthalene	10.814	128	23396	0.468	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	14423	0.464	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	15100	0.459	ng/ul	100
10) Acenaphthylene	14.316	152	18641	0.467	ng/ul	99
11) Acenaphthene	14.658	153	16288	0.476	ng/ul	100
12) Fluorene	15.643	166	18266	0.477	ng/ul	98
14) Pentachlorophenol	16.992	266	2155	0.439	ng/ul	99
15) Phenanthrene	17.381	178	29819	0.460	ng/ul	99
16) Anthracene	17.473	178	24603	0.456	ng/ul	99
19) Fluoranthene	19.401	202	33165	0.499	ng/ul	99
20) Pyrene	19.763	202	33970	0.499	ng/ul	99
21) Benzo(a)anthracene	21.520	228	29428	0.483	ng/ul	100
22) Chrysene	21.576	228	31613	0.479	ng/ul	100
24) Benzo(b)fluoranthene	23.236	252	33485	0.491	ng/ul	98
25) Benzo(k)fluoranthene	23.286	252	30937	0.466	ng/ul	98
26) Benzo(a)pyrene	23.876	252	26353	0.466	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.521	276	30007	0.450	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.551	278	23053	0.440	ng/ul	98
29) Benzo(g,h,i)perylene	27.305	276	25355	0.450	ng/ul	99

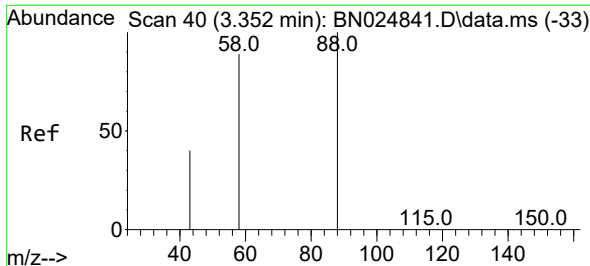
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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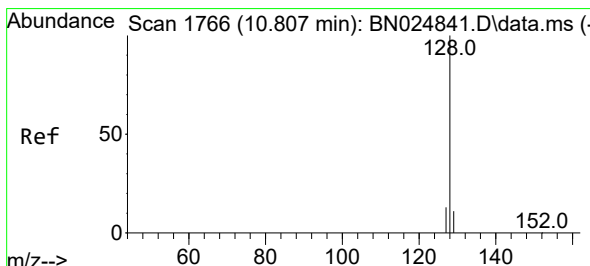
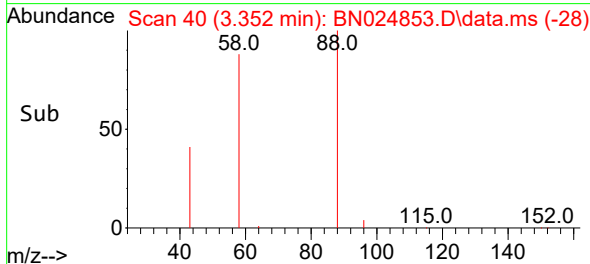
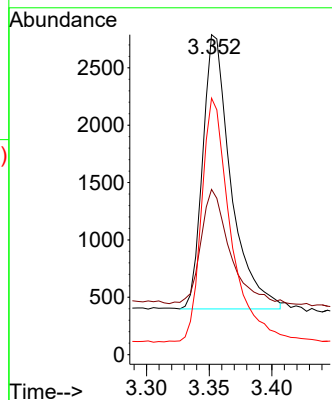
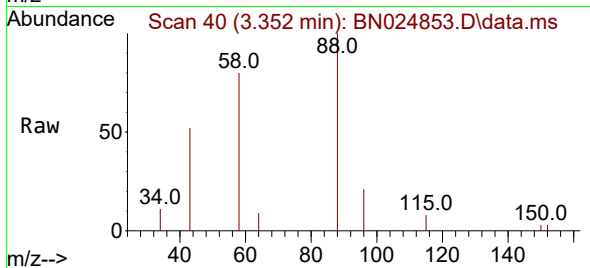




#2
1,4-Dioxane
Concen: 0.486 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

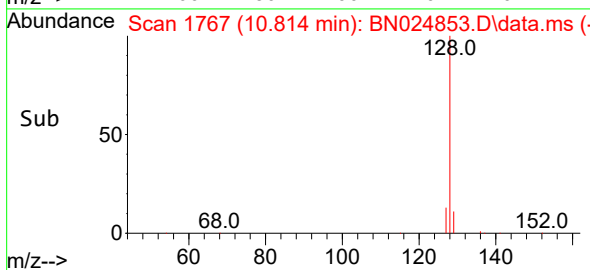
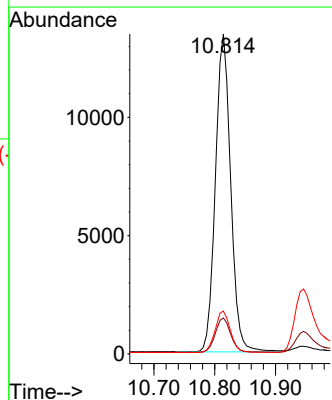
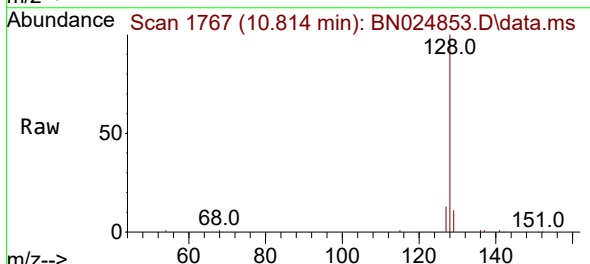
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

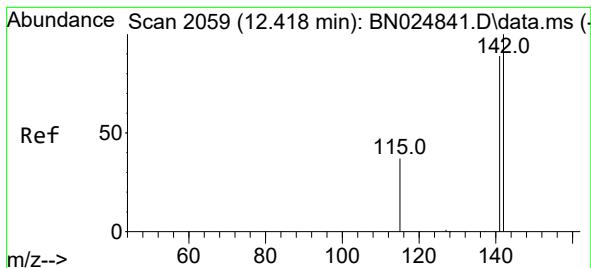
Tgt Ion: 88 Resp: 3741
Ion Ratio Lower Upper
88 100
43 51.7 39.1 58.7
58 80.1 65.7 98.5



#5
Naphthalene
Concen: 0.468 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. 0.007 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion: 128 Resp: 23396
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.5 15.7

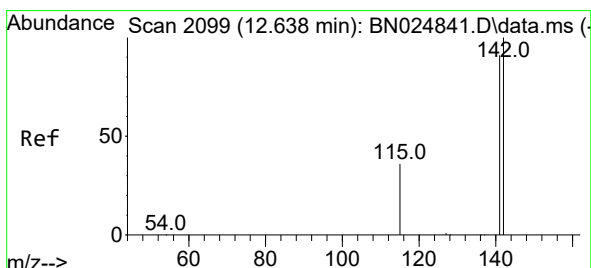
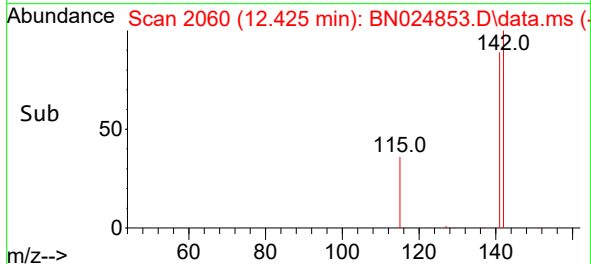
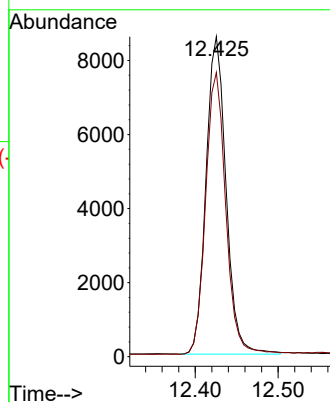
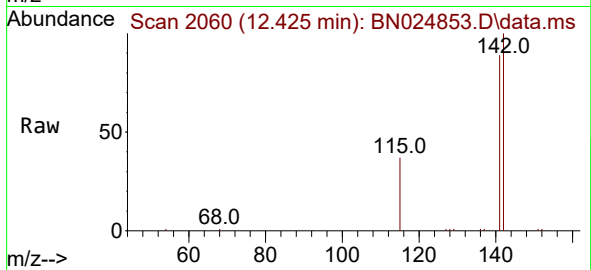




#7
2-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.425 min Scan# 2059
Delta R.T. 0.007 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

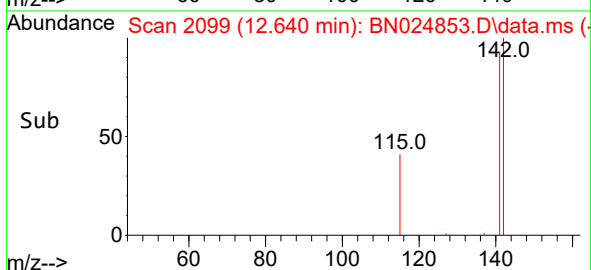
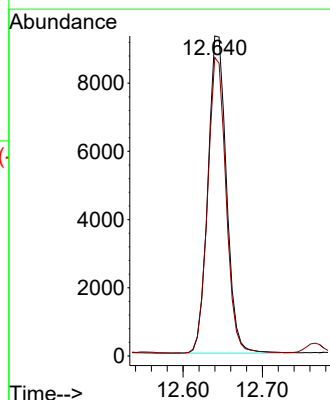
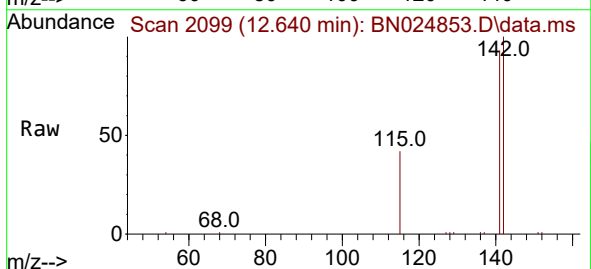
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

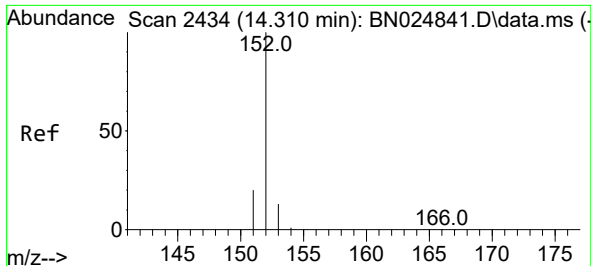
Tgt Ion:142 Resp: 14423
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.002 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion:142 Resp: 15100
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

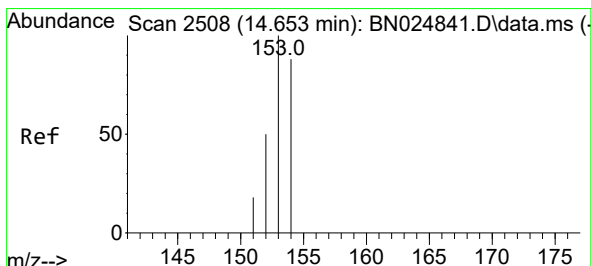
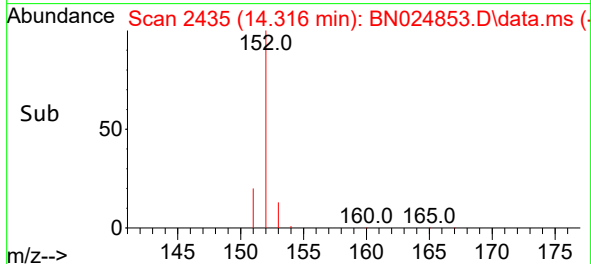
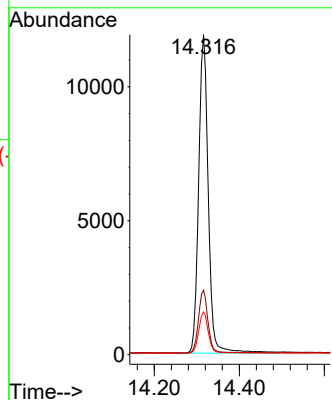
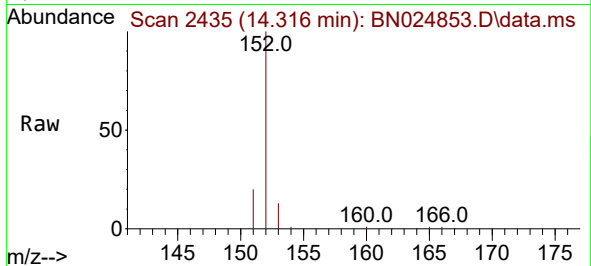




#10
Acenaphthylene
Concen: 0.467 ng/ul
RT: 14.316 min Scan# 2434
Delta R.T. 0.005 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

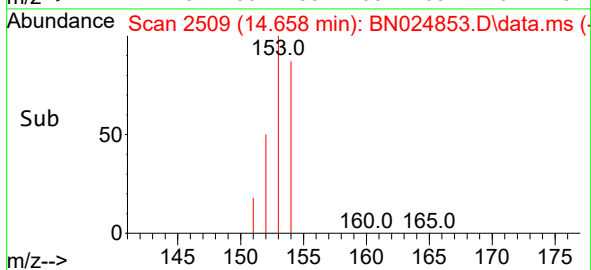
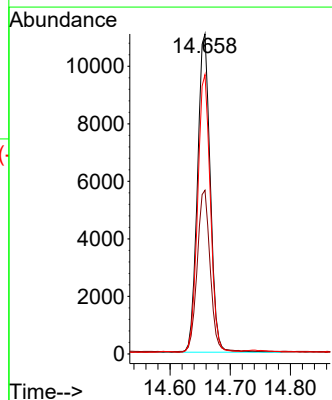
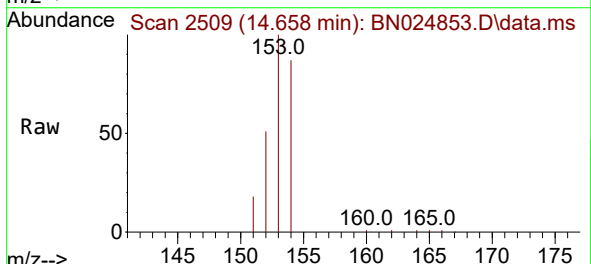
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

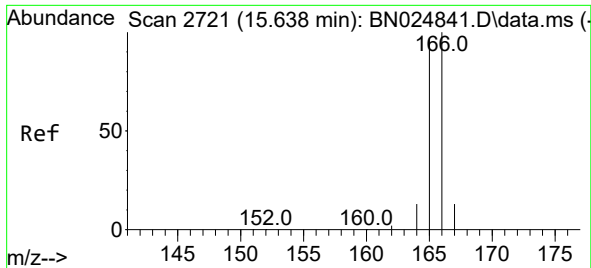
Tgt Ion:152 Resp: 18641
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.476 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.005 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion:153 Resp: 16288
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 87.3 69.4 104.2

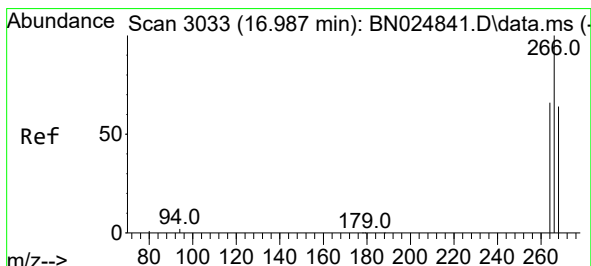
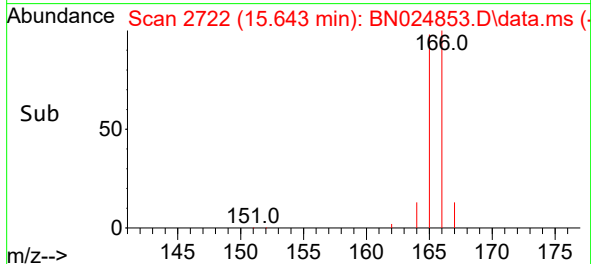
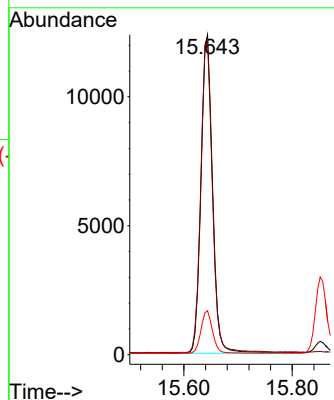
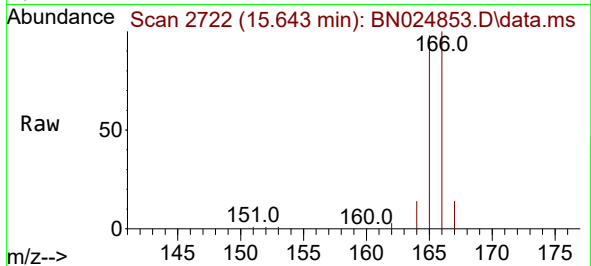




#12
 Fluorene
 Concen: 0.477 ng/ul
 RT: 15.643 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN024853.D
 Acq: 12 Apr 2023 18:58

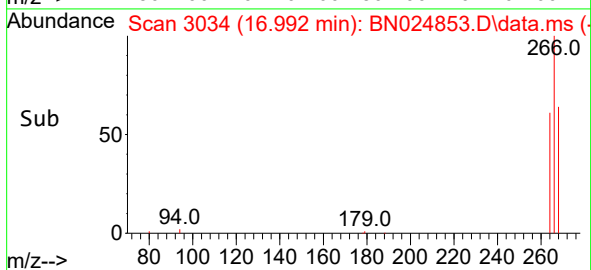
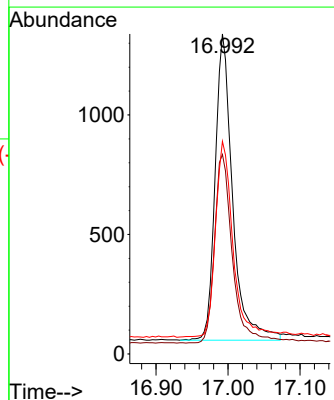
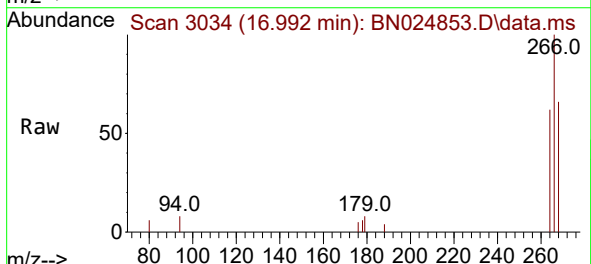
Instrument :
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 ClientSampleId :
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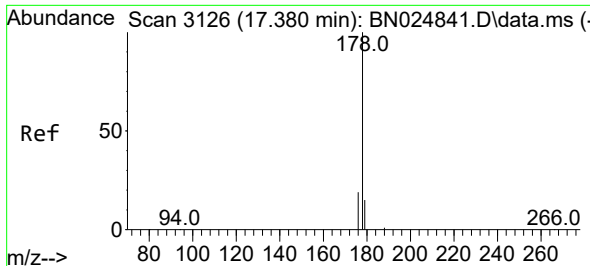
Tgt Ion:166 Resp: 18266
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.1 120.1
 167 13.8 10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.439 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. 0.005 min
 Lab File: BN024853.D
 Acq: 12 Apr 2023 18:58

Tgt Ion:266 Resp: 2155
 Ion Ratio Lower Upper
 266 100
 264 63.4 51.2 76.8
 268 64.5 51.4 77.2

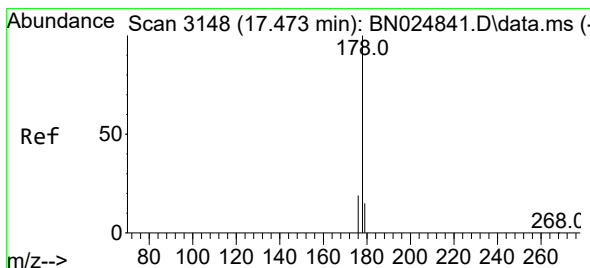
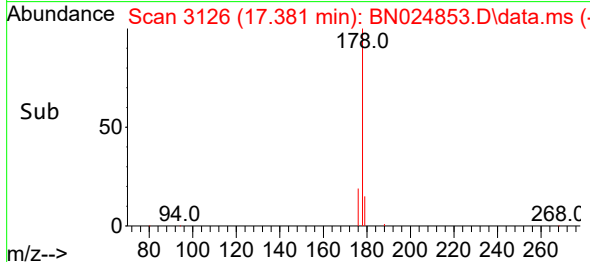
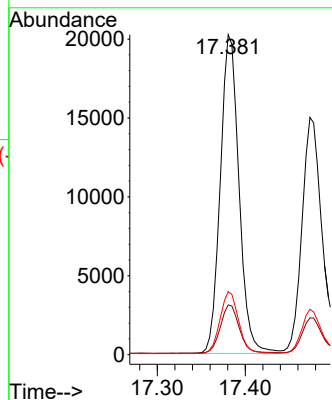
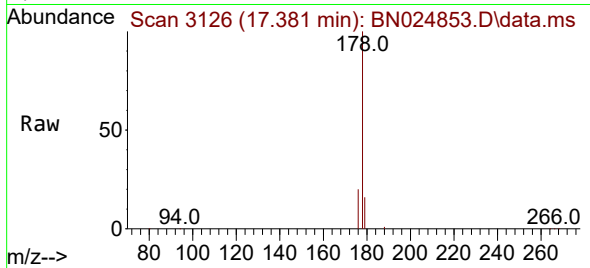




#15
Phenanthrene
Concen: 0.460 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. 0.001 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

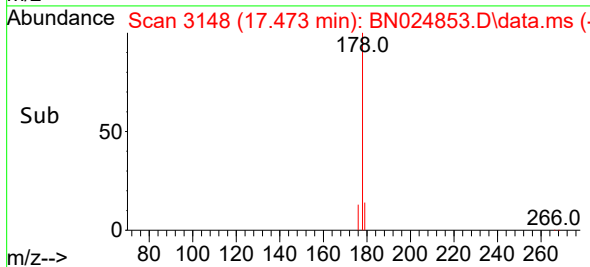
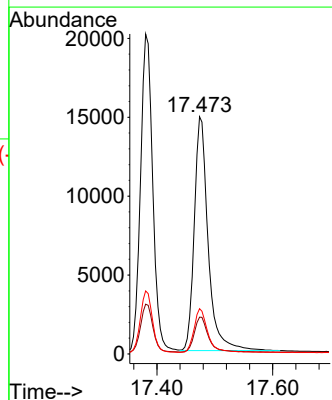
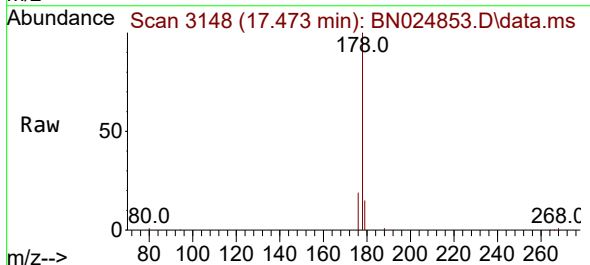
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ClientSampleId :
SSTD0.4266

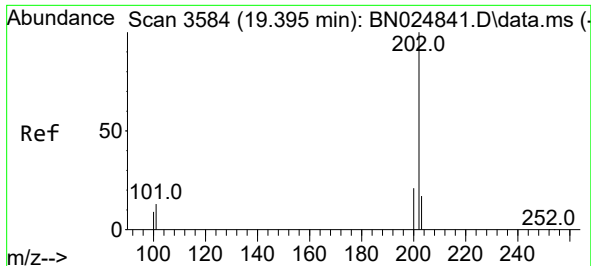
Tgt Ion:178 Resp: 29819
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.7 15.4 23.0



#16
Anthracene
Concen: 0.456 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion:178 Resp: 24603
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.1 14.7 22.1

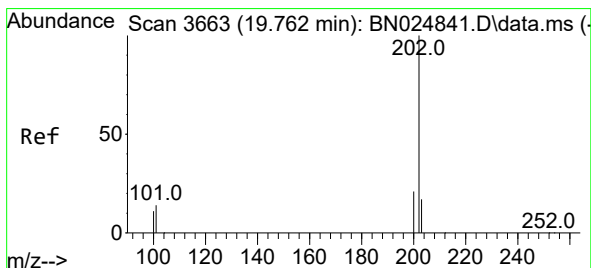
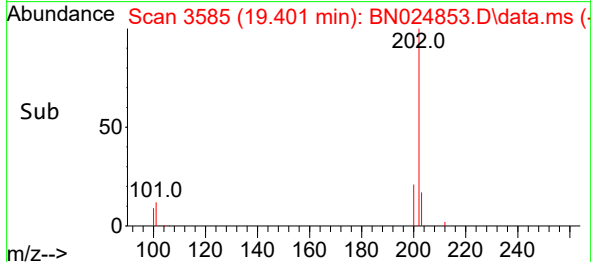
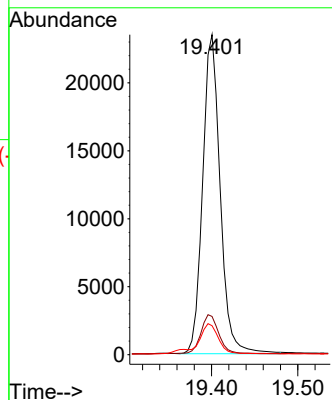
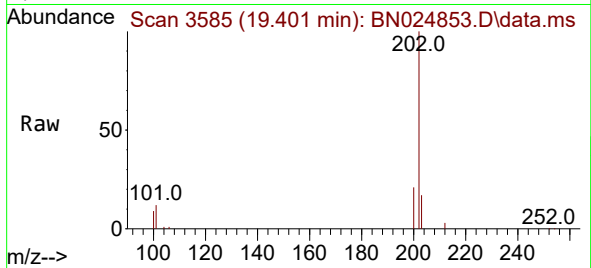




#19
Fluoranthene
Concen: 0.499 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. 0.006 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

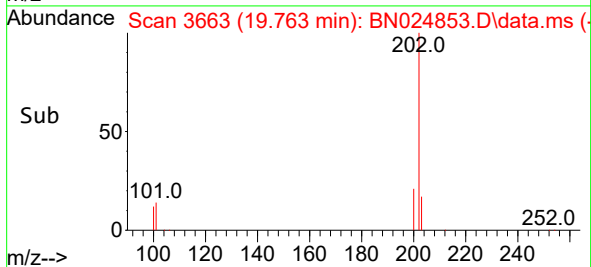
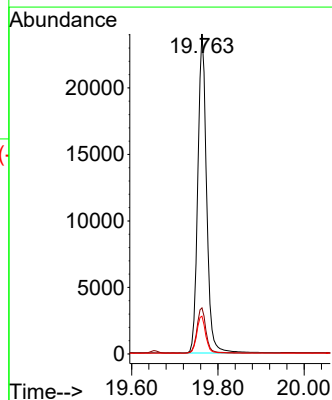
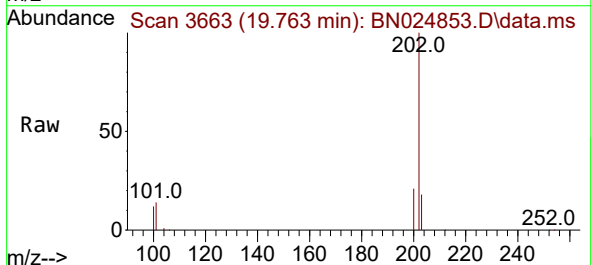
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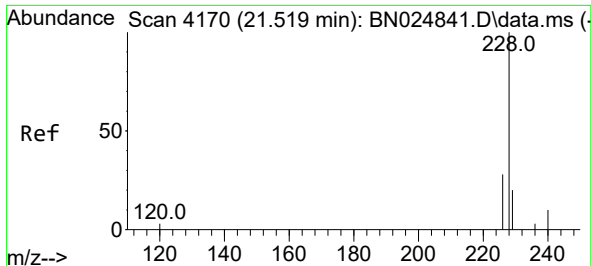
Tgt Ion:202 Resp: 33165
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 9.0 7.5 11.3



#20
Pyrene
Concen: 0.499 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion:202 Resp: 33970
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.8
100 11.8 9.5 14.3

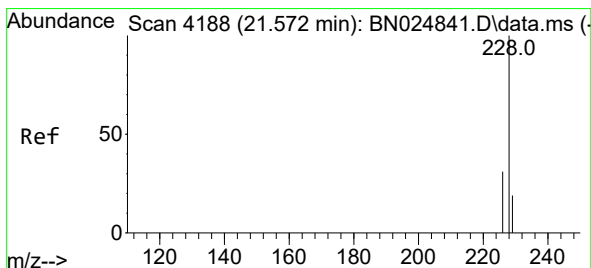
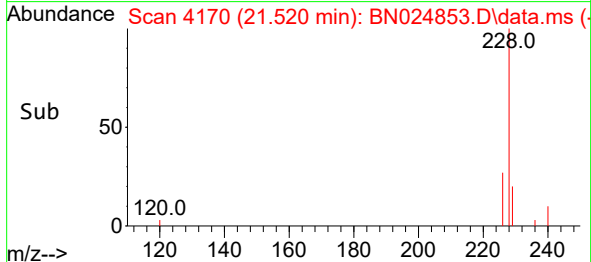
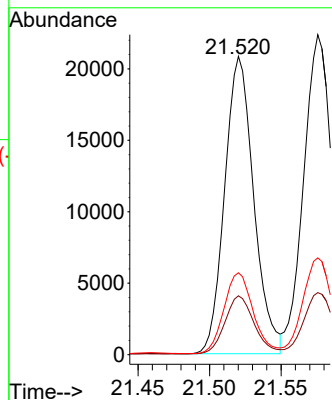
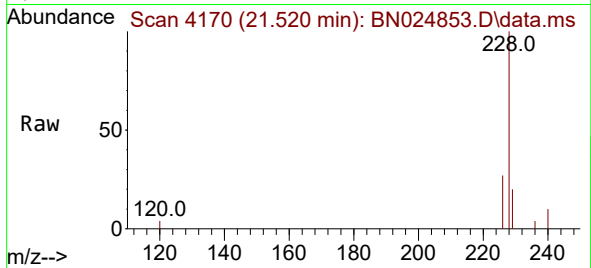




#21
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. 0.001 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

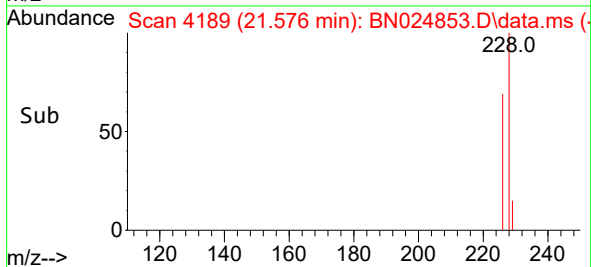
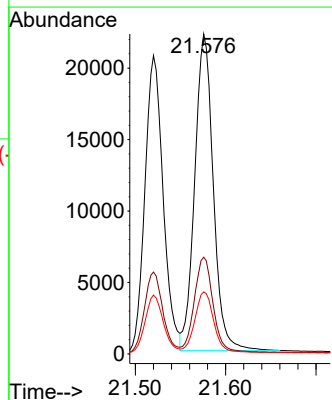
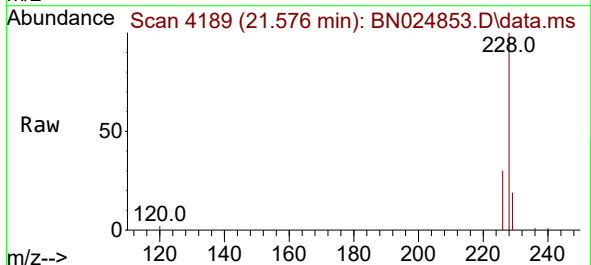
Instrument :
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SSTD0.4266

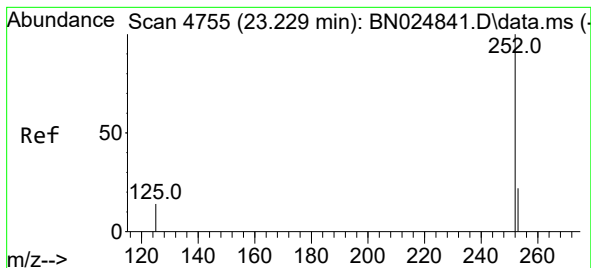
Tgt Ion:228 Resp: 29428
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.4 22.2 33.2



#22
Chrysene
Concen: 0.479 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. 0.004 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion:228 Resp: 31613
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.491 ng/ul

RT: 23.236 min Scan# 4755

Delta R.T. 0.007 min

Lab File: BN024853.D

Acq: 12 Apr 2023 18:58

Instrument :

BNA_N

ClientSampleId :

SSTD0.4266

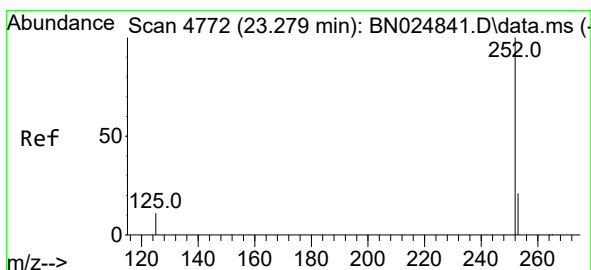
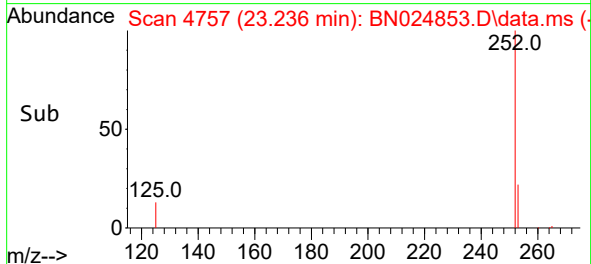
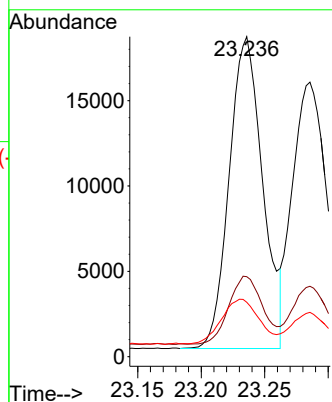
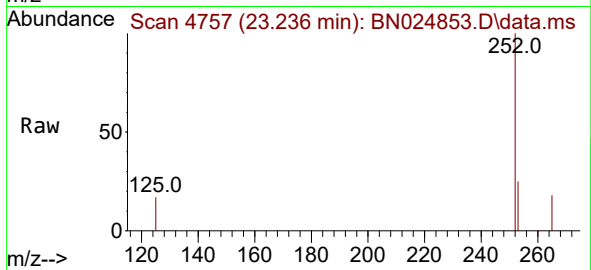
Tgt Ion:252 Resp: 33485

Ion Ratio Lower Upper

252 100

253 25.0 0.0 49.4

125 17.0 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 0.466 ng/ul

RT: 23.286 min Scan# 4774

Delta R.T. 0.007 min

Lab File: BN024853.D

Acq: 12 Apr 2023 18:58

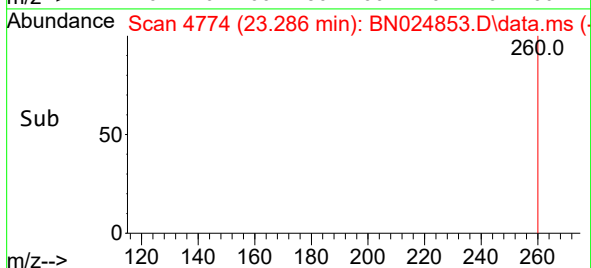
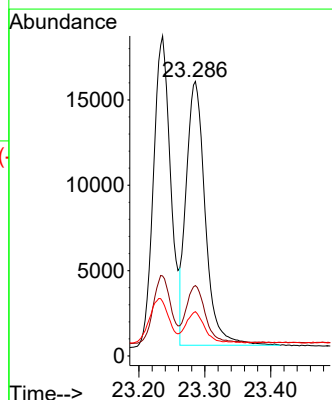
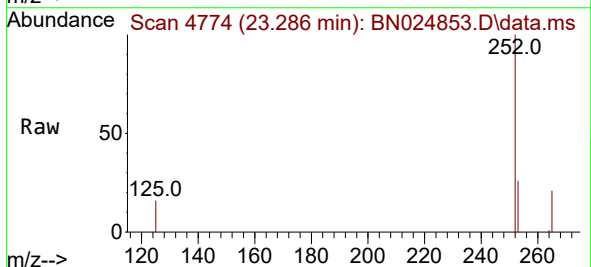
Tgt Ion:252 Resp: 30937

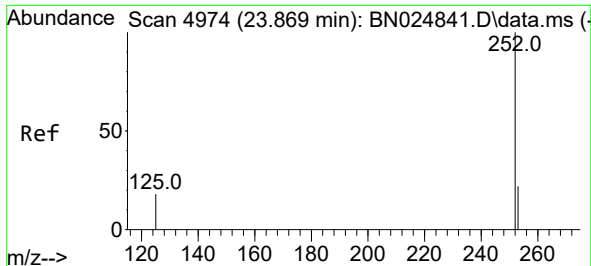
Ion Ratio Lower Upper

252 100

253 25.6 20.1 30.1

125 16.1 12.2 18.2

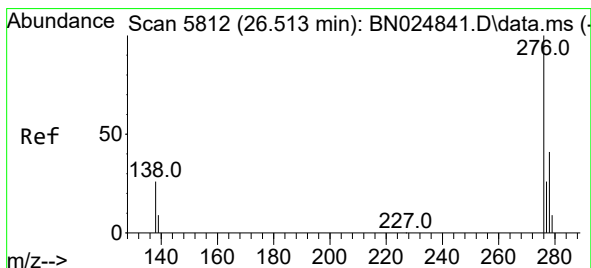
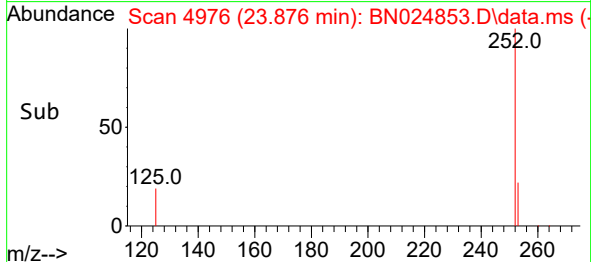
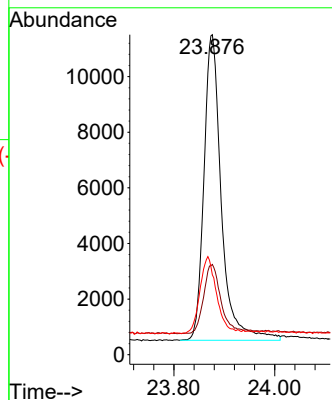
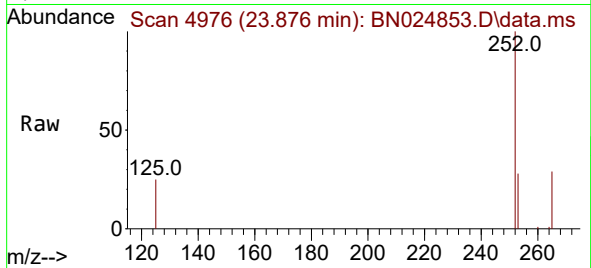




#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. 0.007 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

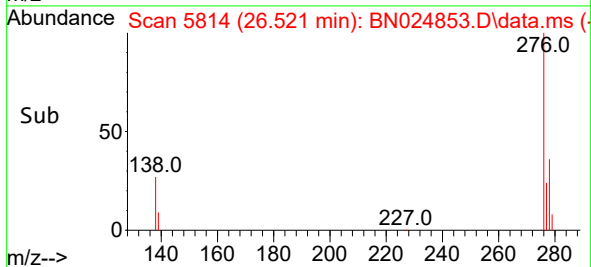
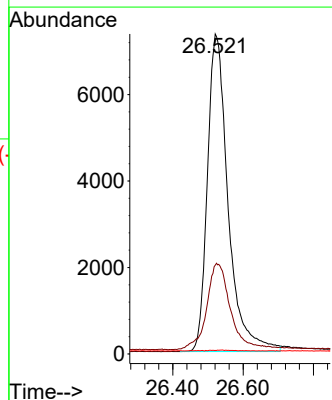
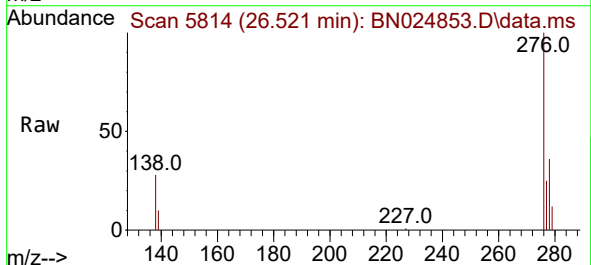
Instrument :
BNA_N
ClientSampleId :
SSTD0.4266

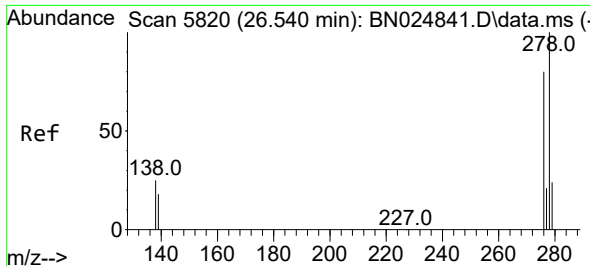
Tgt Ion:252 Resp: 26353
Ion Ratio Lower Upper
252 100
253 28.2 20.7 31.1
125 25.0 15.9 23.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.521 min Scan# 5814
Delta R.T. 0.008 min
Lab File: BN024853.D
Acq: 12 Apr 2023 18:58

Tgt Ion:276 Resp: 30007
Ion Ratio Lower Upper
276 100
138 31.3 24.2 36.2
227 0.1 0.0 0.0#

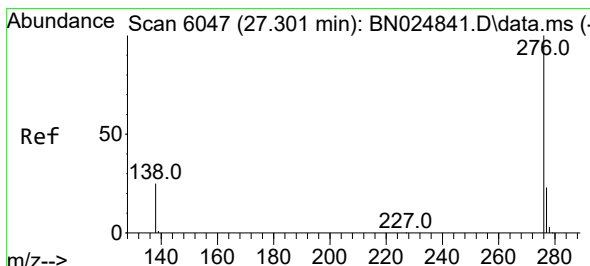
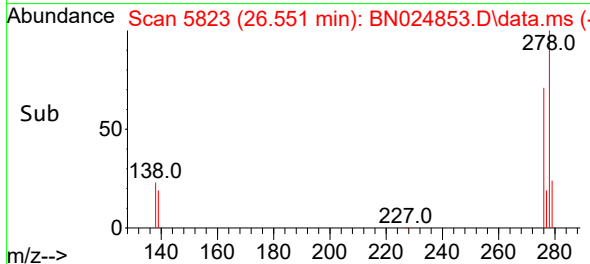
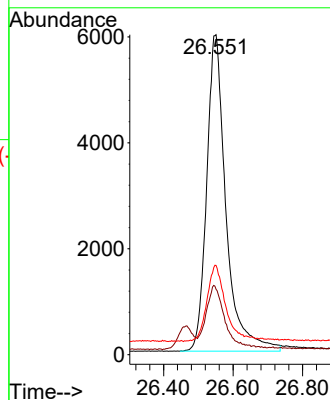
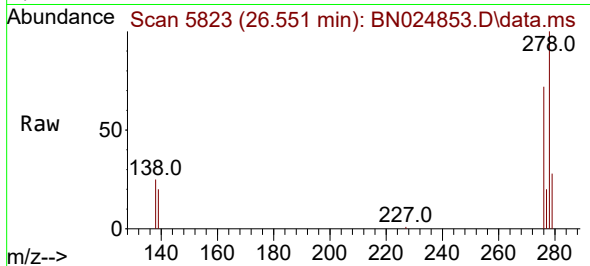




#28
 Dibenzo(a,h)anthracene
 Concen: 0.440 ng/ul
 RT: 26.551 min Scan# 5823
 Delta R.T. 0.011 min
 Lab File: BN024853.D
 Acq: 12 Apr 2023 18:58

Instrument :
 BNA_N
 ClientSampleId :
 SST0.4266

Tgt Ion:278 Resp: 23053
 Ion Ratio Lower Upper
 278 100
 139 20.5 16.4 24.6
 279 27.9 21.1 31.7



#29
 Benzo(g,h,i)perylene
 Concen: 0.450 ng/ul
 RT: 27.305 min Scan# 6048
 Delta R.T. 0.004 min
 Lab File: BN024853.D
 Acq: 12 Apr 2023 18:58

Tgt Ion:276 Resp: 25355
 Ion Ratio Lower Upper
 276 100
 138 27.5 21.0 31.4
 277 24.8 19.7 29.5

