

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025214.D
 Acq On : 02 May 2023 11:25
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4288

Quant Time: May 03 02:28:25 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

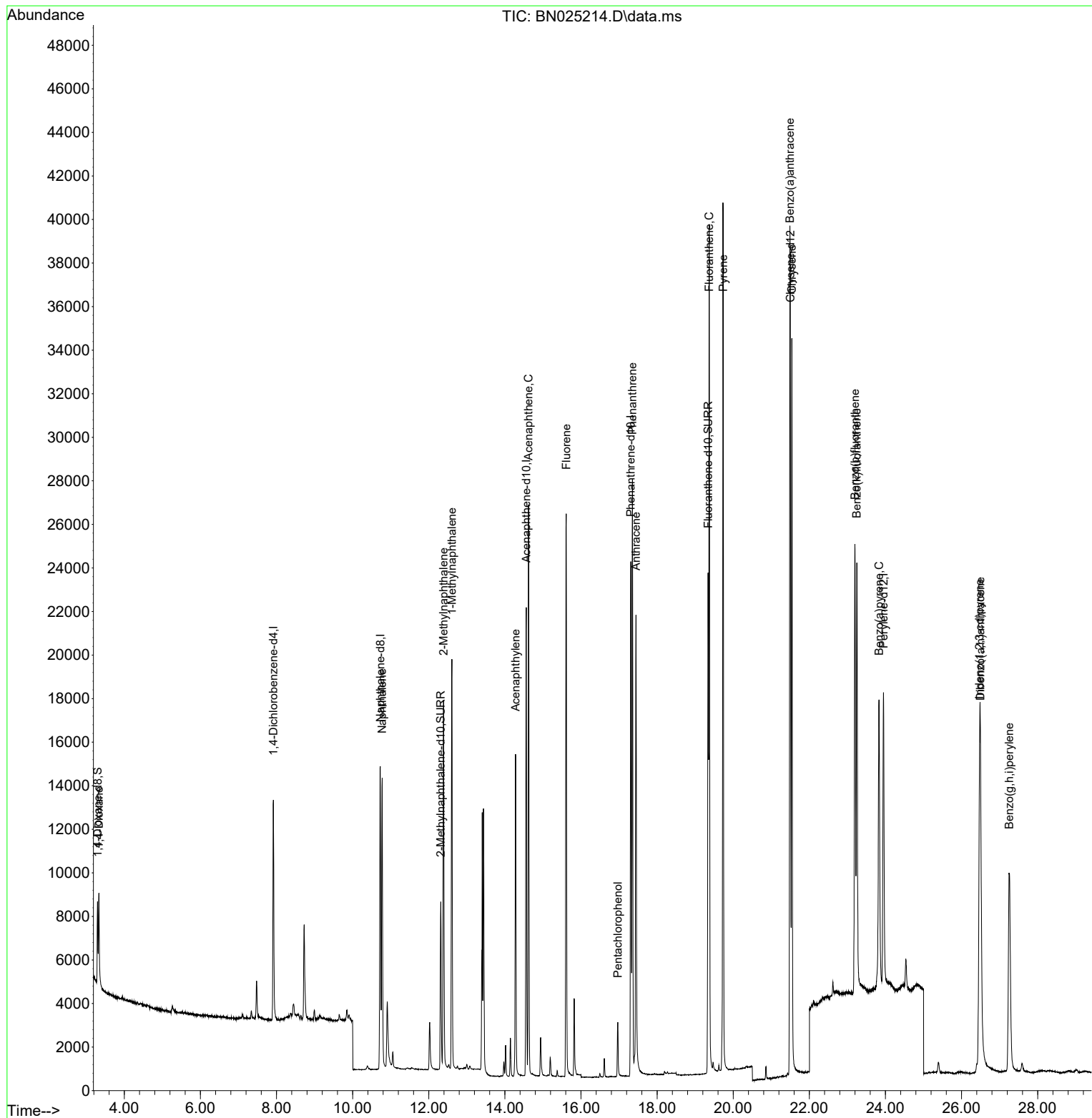
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	5638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	19232	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	11937	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	27409	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	23433	0.400	ng/ul	0.00
23) Perylene-d12	23.949	264	19898	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2347	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	10313	0.418	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	25224	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	2478	0.394	ng/ul#	36
5) Naphthalene	10.775	128	19397	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	12455	0.413	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	13104	0.407	ng/ul	100
10) Acenaphthylene	14.283	152	17811	0.401	ng/ul	100
11) Acenaphthene	14.621	153	14791	0.395	ng/ul	100
12) Fluorene	15.611	166	17069	0.407	ng/ul	100
14) Pentachlorophenol	16.967	266	1885	0.350	ng/ul	99
15) Phenanthrene	17.351	178	28855	0.373	ng/ul	99
16) Anthracene	17.444	178	24937	0.394	ng/ul	100
19) Fluoranthene	19.367	202	33789	0.399	ng/ul	98
20) Pyrene	19.735	202	35226	0.405	ng/ul	99
21) Benzo(a)anthracene	21.487	228	29362	0.416	ng/ul	99
22) Chrysene	21.540	228	31012	0.403	ng/ul	99
24) Benzo(b)fluoranthene	23.197	252	28972	0.359	ng/ul	99
25) Benzo(k)fluoranthene	23.247	252	28550	0.368	ng/ul	100
26) Benzo(a)pyrene	23.832	252	24262	0.363	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.473	276	27461	0.357	ng/ul	99
28) Dibenzo(a,h)anthracene	26.497	278	21382	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	27.254	276	23372	0.357	ng/ul	100

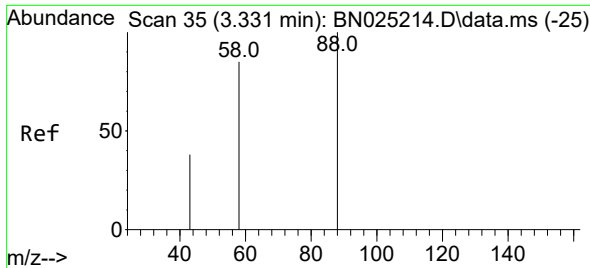
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025214.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: May 03 02:28:25 2023
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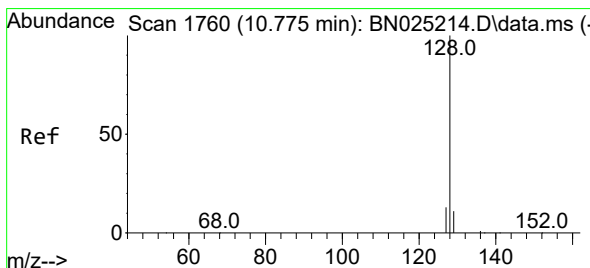
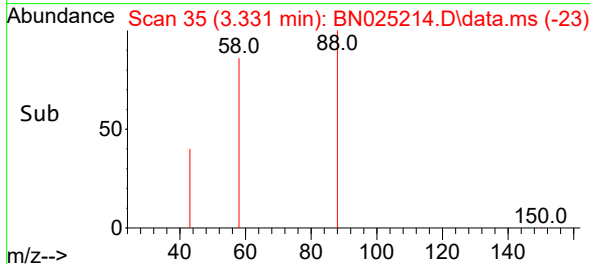
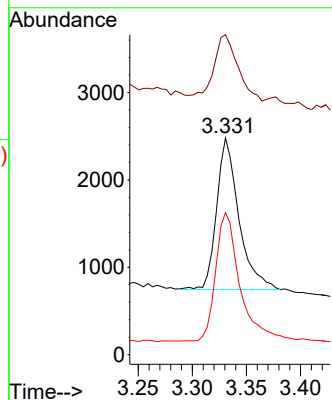
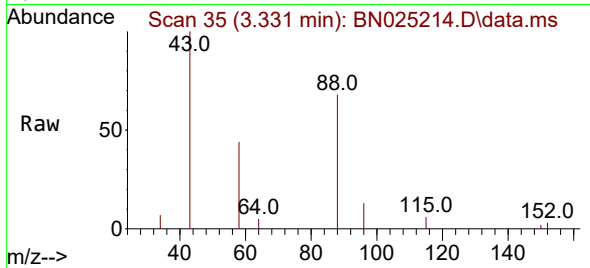




#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.331 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

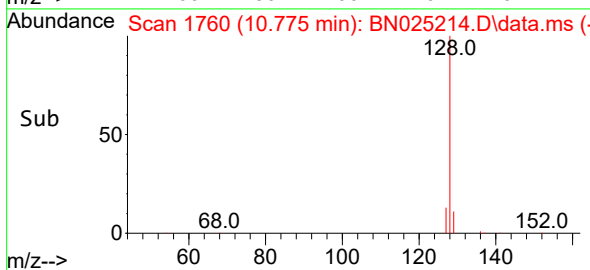
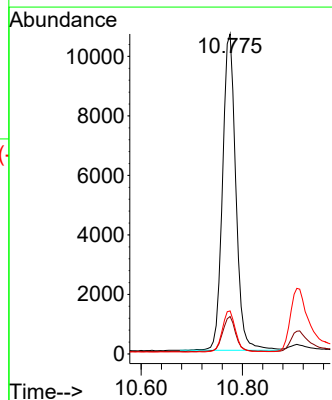
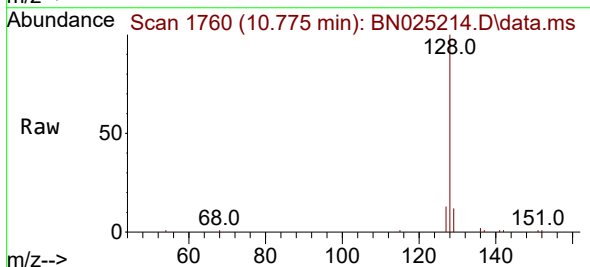
Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

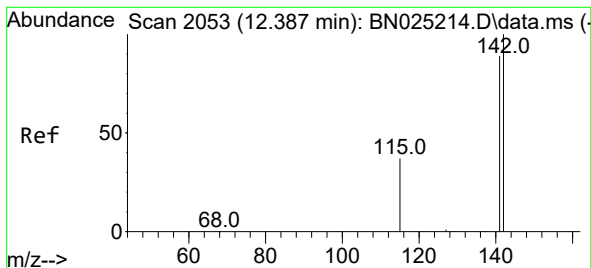
Tgt Ion: 88 Resp: 2478
Ion Ratio Lower Upper
88 100
43 147.7 37.0 55.4#
58 65.6 56.9 85.3



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.775 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion: 128 Resp: 19397
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 10.7 16.1

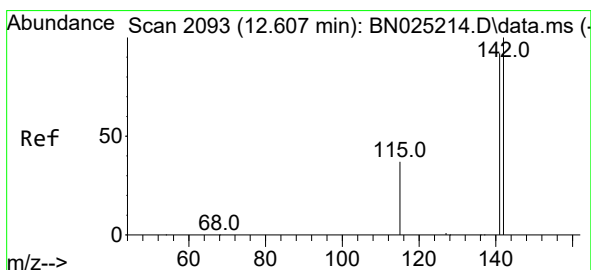
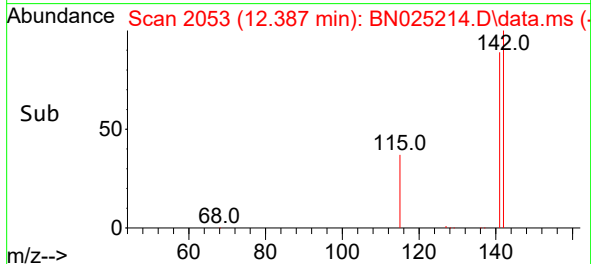
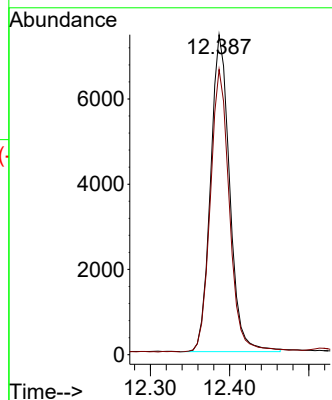
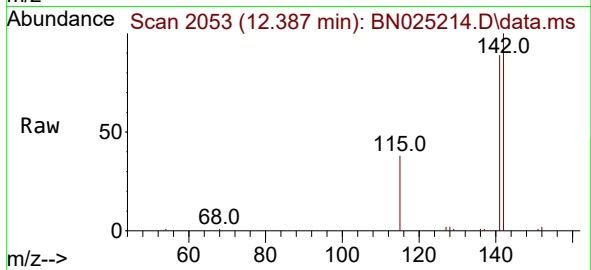




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

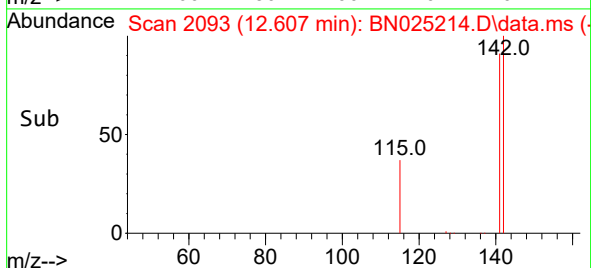
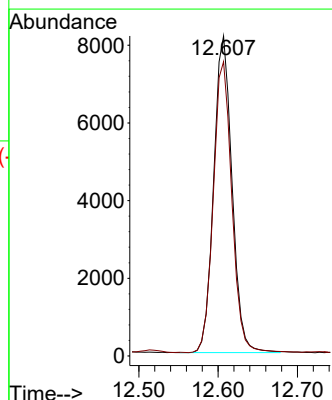
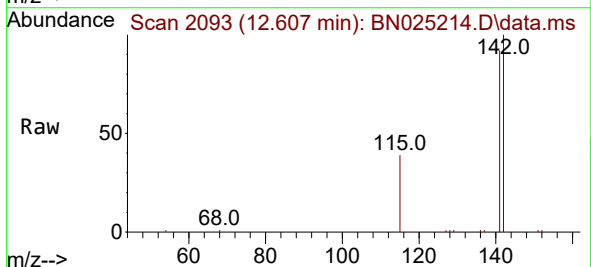
Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

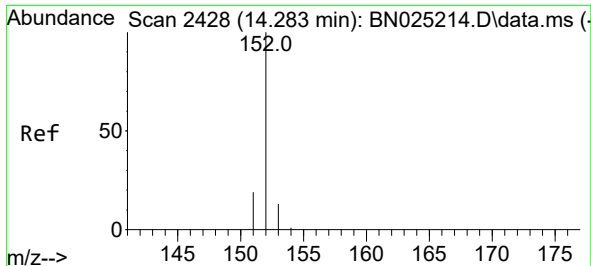
Tgt Ion:142 Resp: 12455
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion:142 Resp: 13104
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6

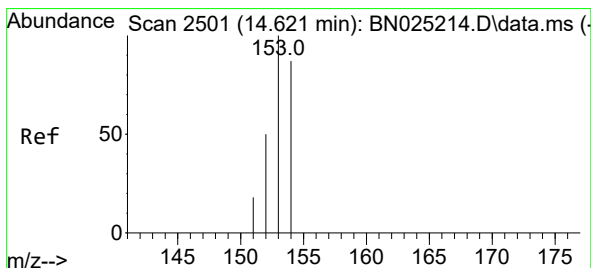
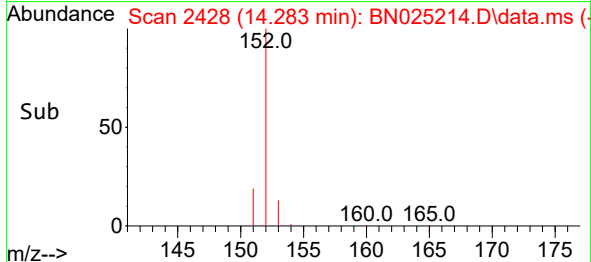
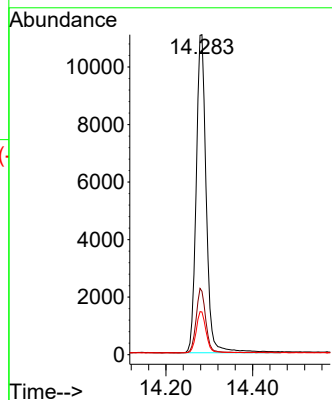
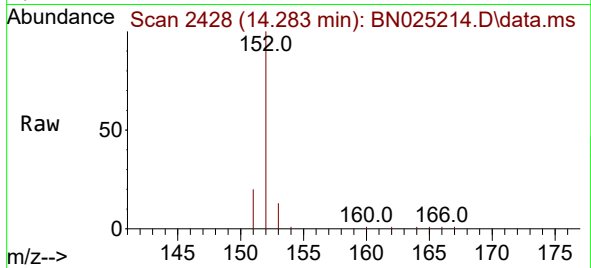




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

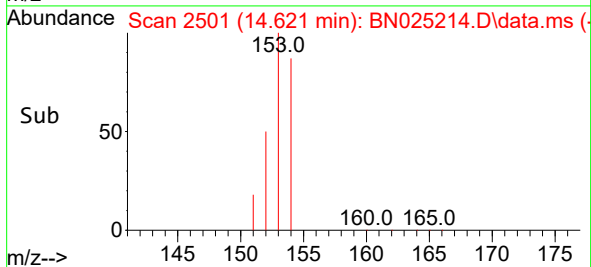
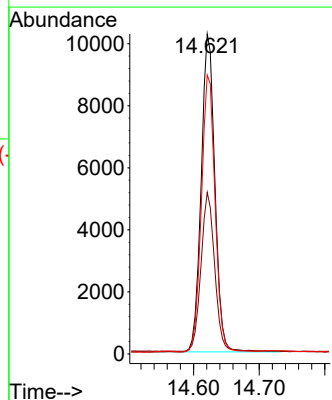
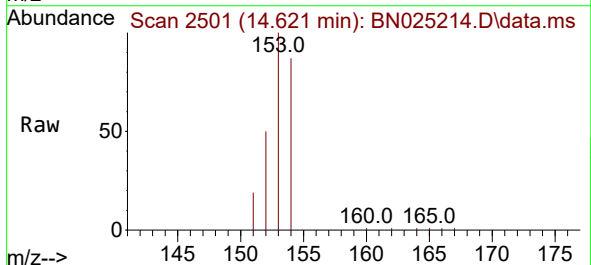
Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

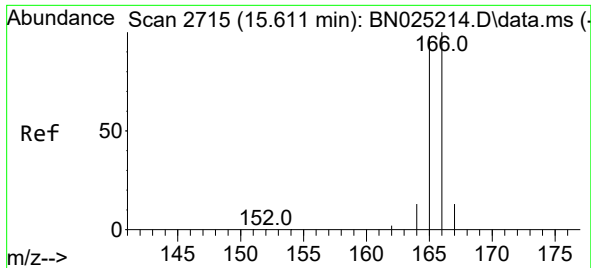
Tgt Ion:152 Resp: 17811
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.395 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion:153 Resp: 14791
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 87.2 69.4 104.2

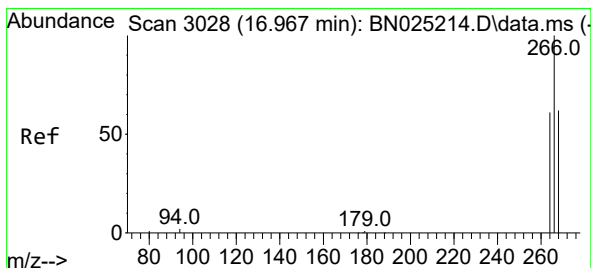
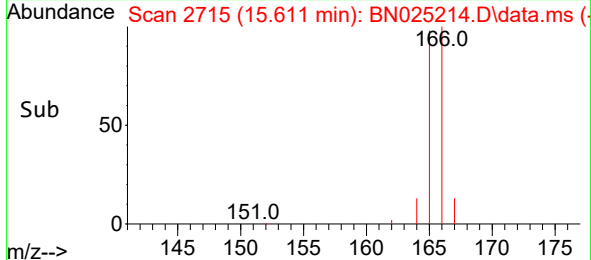
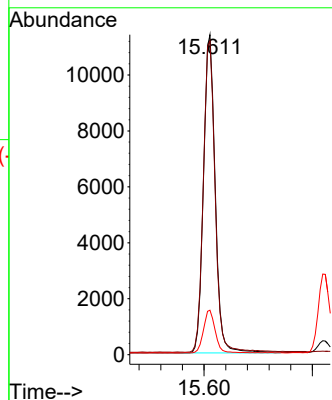
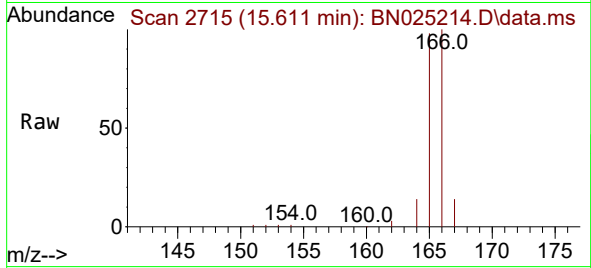




#12
 Fluorene
 Concen: 0.407 ng/ul
 RT: 15.611 min Scan# 2715
 Delta R.T. 0.000 min
 Lab File: BN025214.D
 Acq: 02 May 2023 11:25

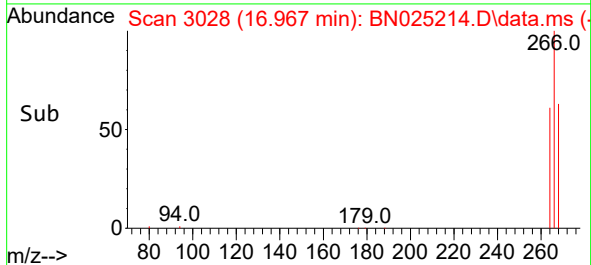
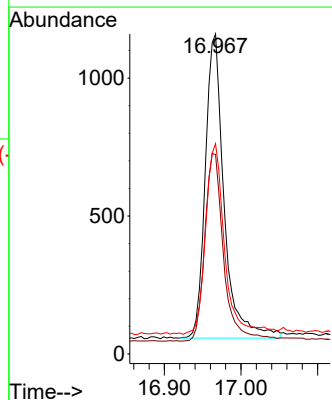
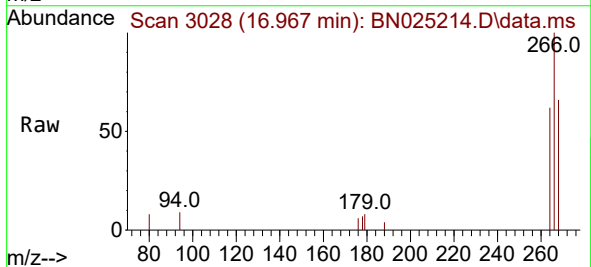
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 ClientSampleId :
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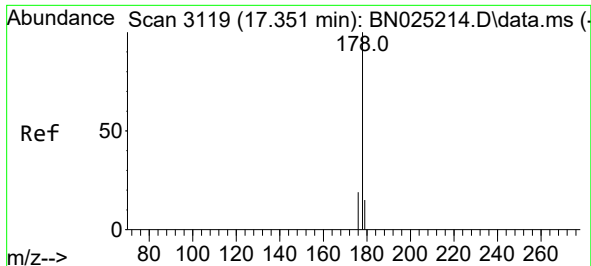
Tgt Ion:166 Resp: 17069
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.1 117.1
 167 13.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.350 ng/ul
 RT: 16.967 min Scan# 3028
 Delta R.T. 0.000 min
 Lab File: BN025214.D
 Acq: 02 May 2023 11:25

Tgt Ion:266 Resp: 1885
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.6 74.4
 268 63.3 51.3 76.9

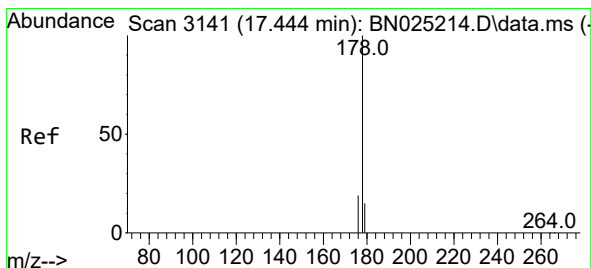
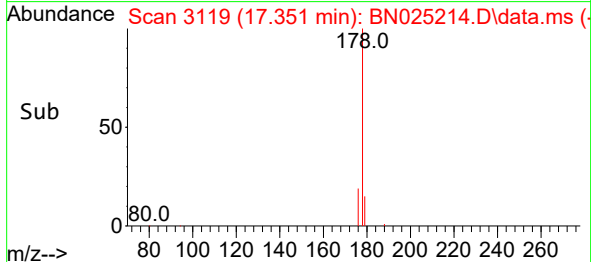
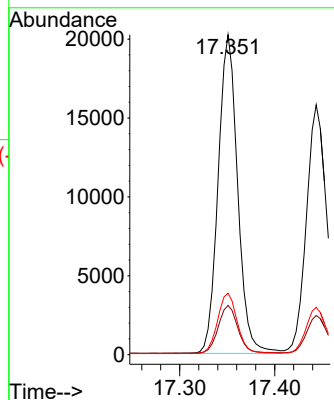
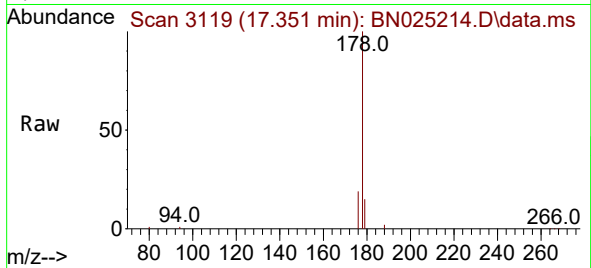




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

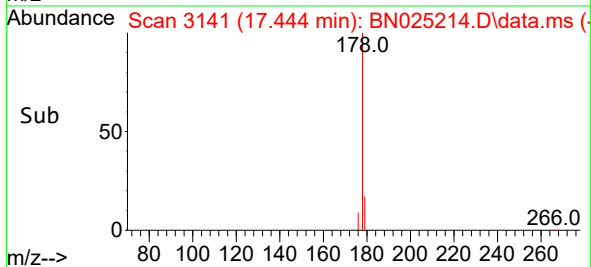
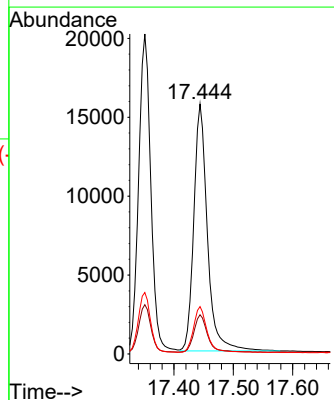
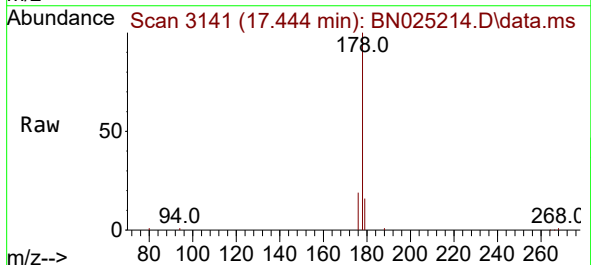
Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

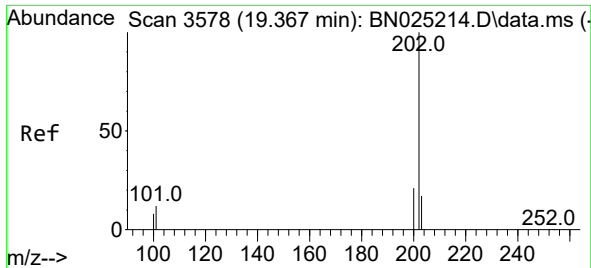
Tgt Ion:178 Resp: 28855
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion:178 Resp: 24937
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.3 22.9

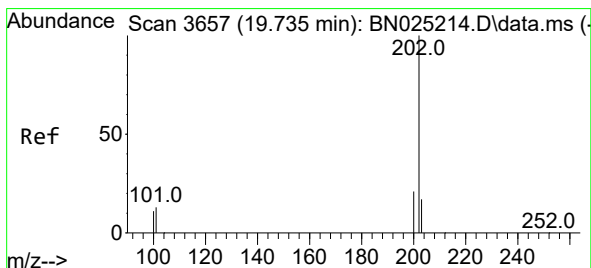
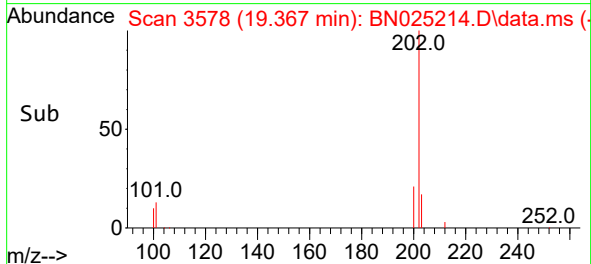
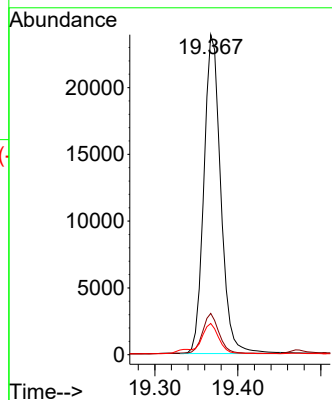
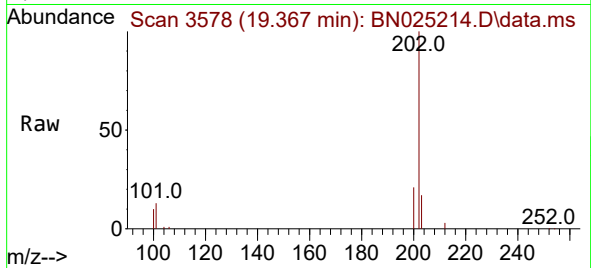




#19
Fluoranthene
Concen: 0.399 ng/u1
RT: 19.367 min Scan# 3578
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

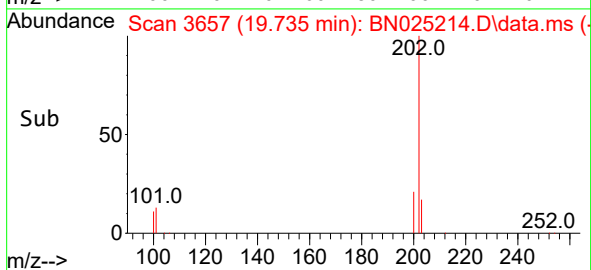
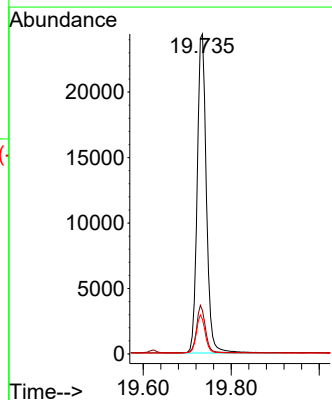
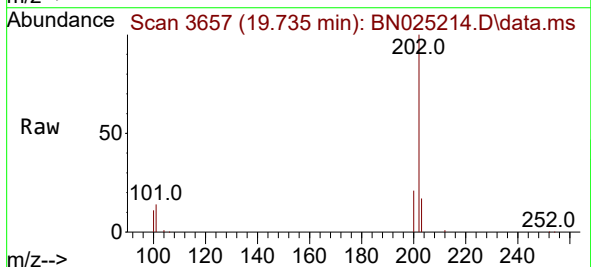
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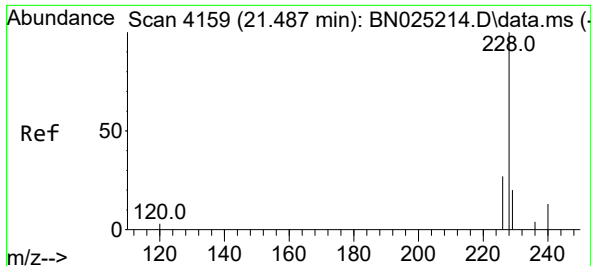
Tgt Ion:202 Resp: 33789
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.8 7.3 10.9



#20
Pyrene
Concen: 0.405 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion:202 Resp: 35226
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.9 9.2 13.8

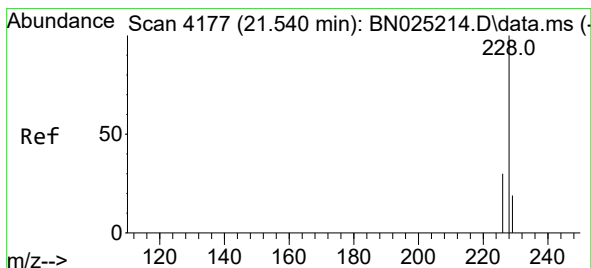
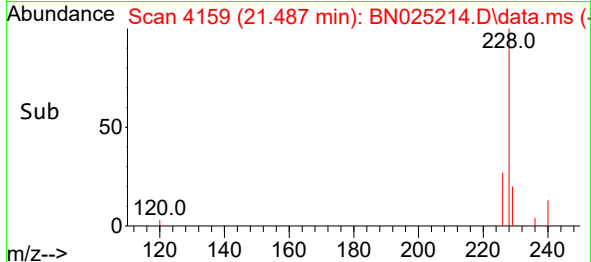
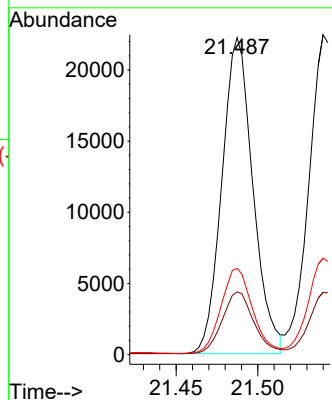
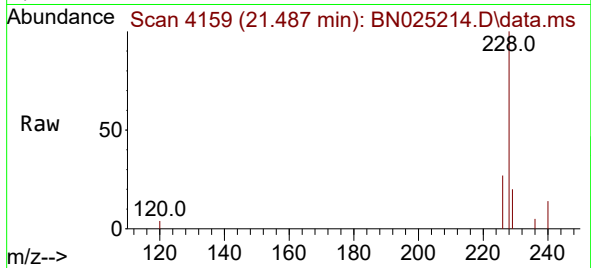




#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.487 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

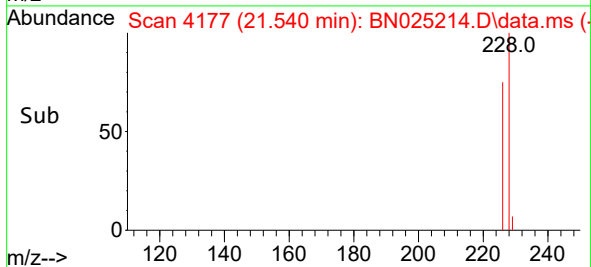
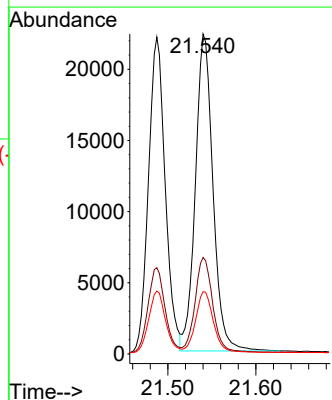
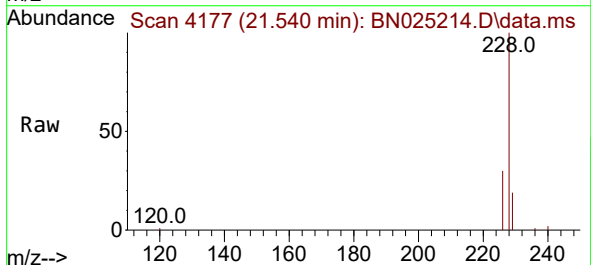
Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

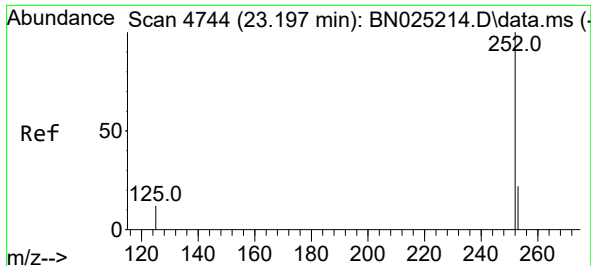
Tgt Ion:228 Resp: 29362
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.540 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

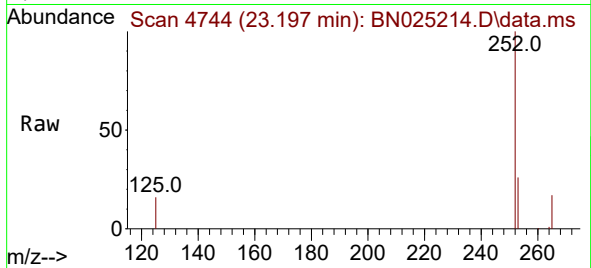
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Ion Ratio Lower Upper
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226 30.1 24.5 36.7
229 19.5 15.8 23.6



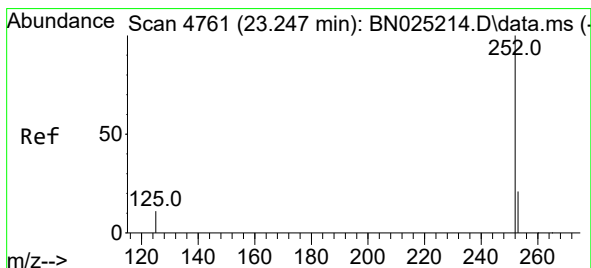
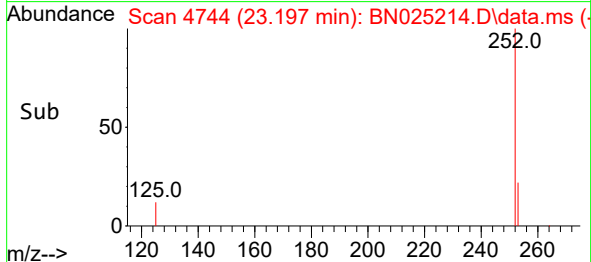
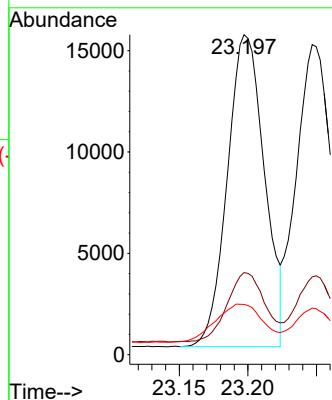


#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.197 min Scan# 4744
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

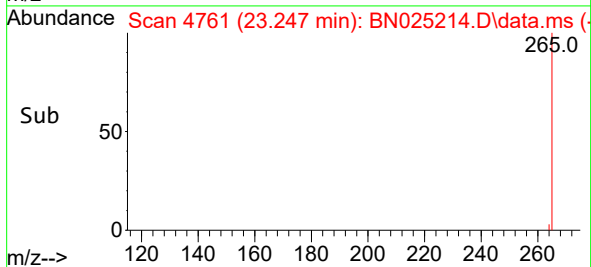
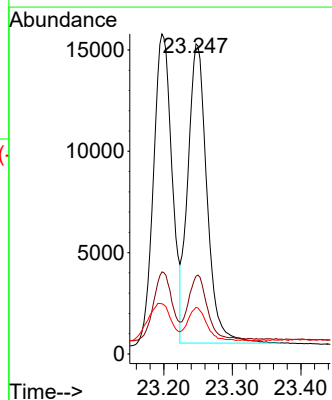
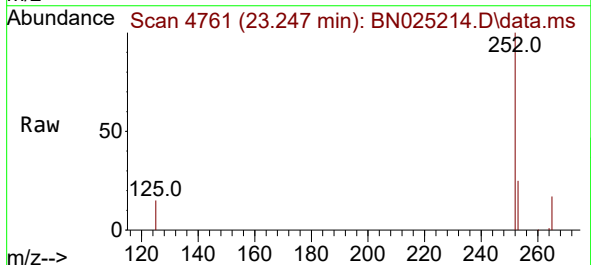


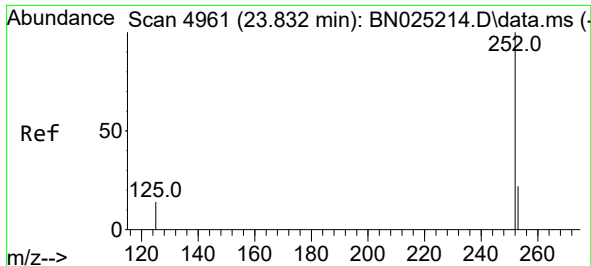
Tgt Ion:252 Resp: 28972
Ion Ratio Lower Upper
252 100
253 25.7 0.0 50.2
125 15.7 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

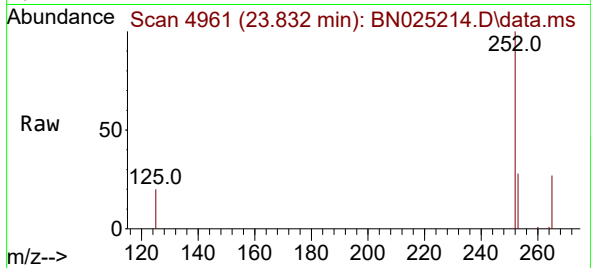
Tgt Ion:252 Resp: 28550
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 15.0 11.8 17.8



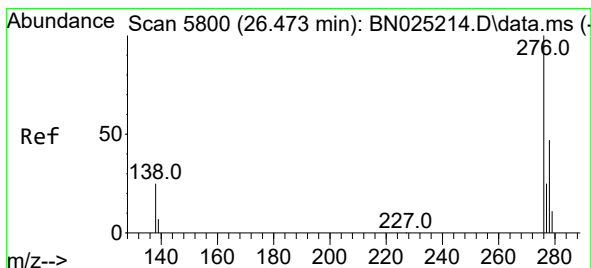
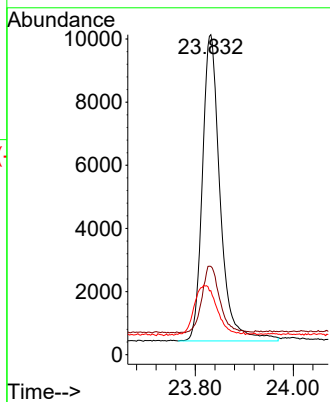
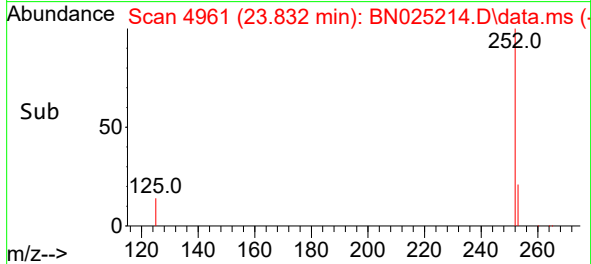


#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.832 min Scan# 4961
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

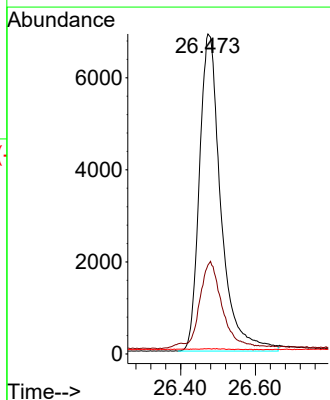
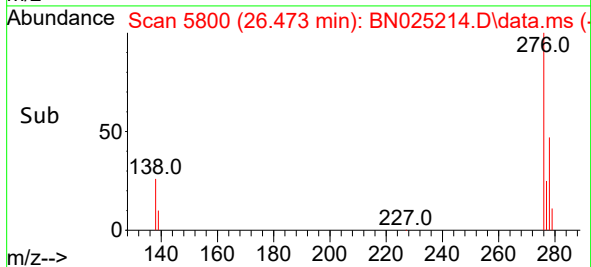
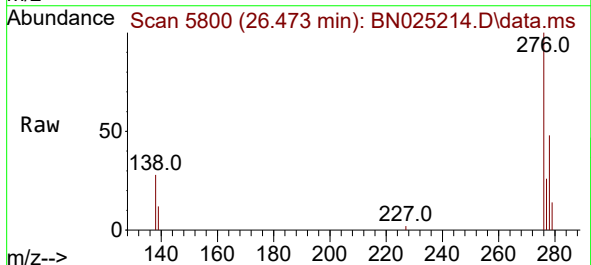


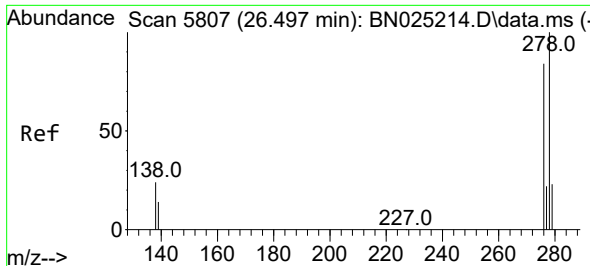
Tgt Ion:252 Resp: 24262
Ion Ratio Lower Upper
252 100
253 27.6 21.4 32.2
125 20.0 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.473 min Scan# 5800
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion:276 Resp: 27461
Ion Ratio Lower Upper
276 100
138 27.8 21.9 32.9
227 0.1 0.1 0.1

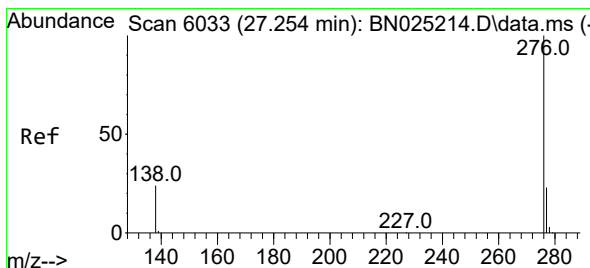
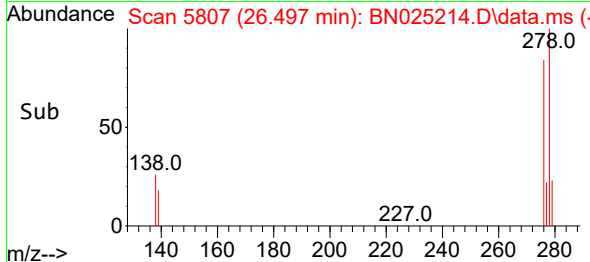
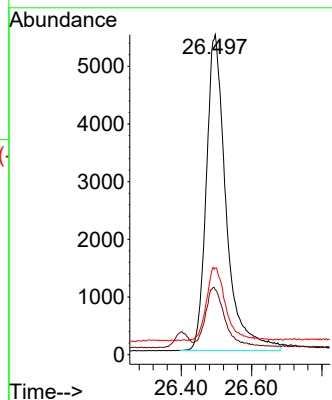
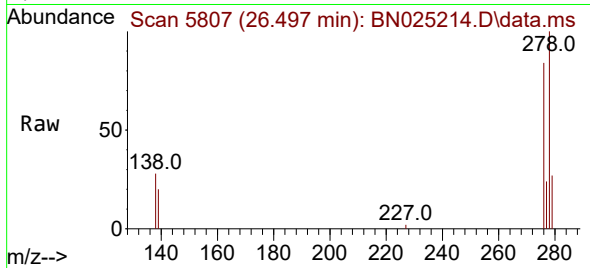




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.497 min Scan# 5807
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.4288

Tgt Ion:278 Resp: 21382
Ion Ratio Lower Upper
278 100
139 20.3 17.0 25.6
279 27.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.254 min Scan# 6033
Delta R.T. 0.000 min
Lab File: BN025214.D
Acq: 02 May 2023 11:25

Tgt Ion:276 Resp: 23372
Ion Ratio Lower Upper
276 100
138 25.8 20.3 30.5
277 24.7 19.8 29.6

