

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025779.D
 Acq On : 12 Jun 2023 12:37
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

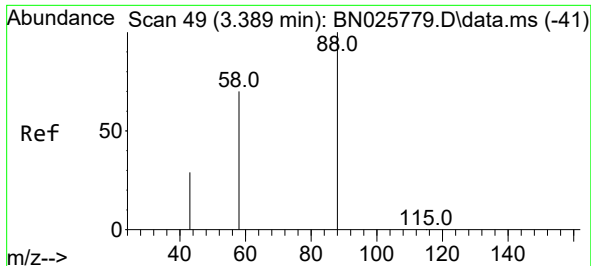
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4300

Quant Time: Jun 13 00:02:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.014	152	7879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	23827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	13773	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	28490	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	18078	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	15029	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	4026	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	15340	0.508	ng/ul	0.00
18) Fluoranthene-d10	19.409	212	28928	0.507	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.389	88	4392	0.530	ng/ul	98
5) Naphthalene	10.874	128	29924	0.494	ng/ul	100
7) 2-Methylnaphthalene	12.480	142	18504	0.507	ng/ul	100
8) 1-Methylnaphthalene	12.700	142	19908	0.496	ng/ul	100
10) Acenaphthylene	14.366	152	26607	0.489	ng/ul	100
11) Acenaphthene	14.704	153	22172	0.488	ng/ul	99
12) Fluorene	15.689	166	24912	0.492	ng/ul	99
14) Pentachlorophenol	17.059	266	960	0.313	ng/ul	96
15) Phenanthrene	17.431	178	39199	0.472	ng/ul	99
16) Anthracene	17.524	178	33280	0.474	ng/ul	100
19) Fluoranthene	19.442	202	41767	0.505	ng/ul	99
20) Pyrene	19.800	202	42932	0.502	ng/ul	98
21) Benzo(a)anthracene	21.557	228	29165	0.506	ng/ul	99
22) Chrysene	21.610	228	33269	0.505	ng/ul	99
24) Benzo(b)fluoranthene	23.288	252	28832	0.469	ng/ul	100
25) Benzo(k)fluoranthene	23.335	252	28972	0.470	ng/ul	99
26) Benzo(a)pyrene	23.937	252	24082	0.462	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.627	276	27204	0.458	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.654	278	20814	0.463	ng/ul	99
29) Benzo(g,h,i)perylene	27.415	276	24228	0.455	ng/ul	99

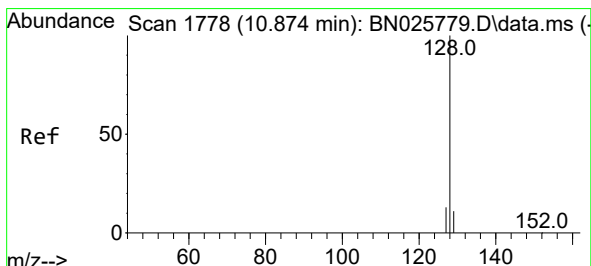
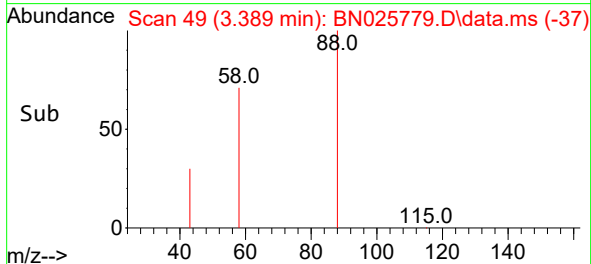
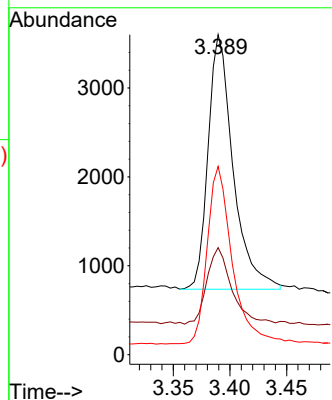
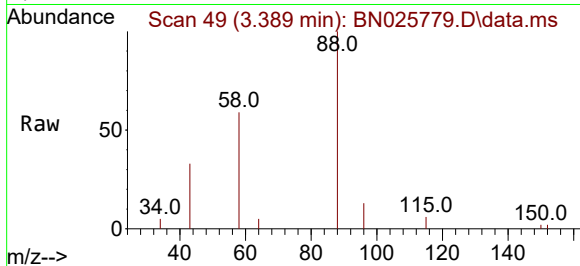
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.530 ng/ul
RT: 3.389 min Scan# 49
Delta R.T. -0.001 min
Lab File: BN025779.D
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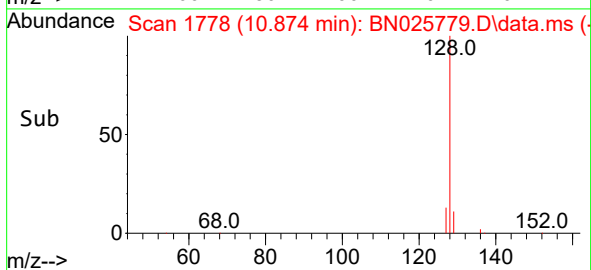
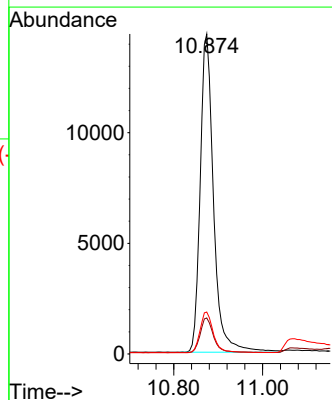
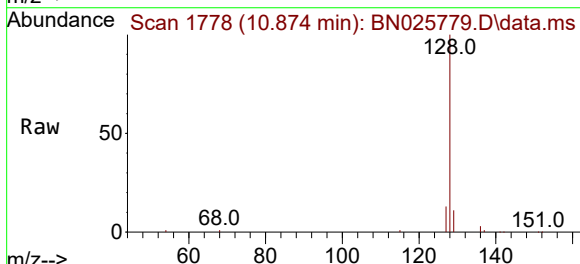
Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

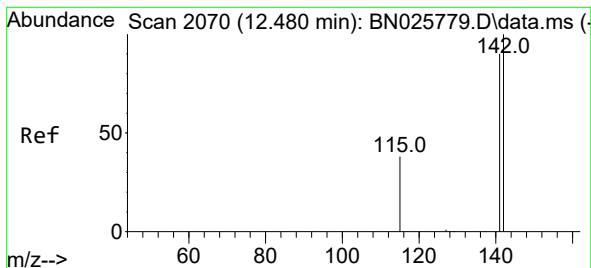
Tgt Ion: 88 Resp: 4392
Ion Ratio Lower Upper
88 100
43 33.4 26.5 39.7
58 58.9 49.0 73.6



#5
Naphthalene
Concen: 0.494 ng/ul
RT: 10.874 min Scan# 1778
Delta R.T. -0.001 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion: 128 Resp: 29924
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 10.5 15.7

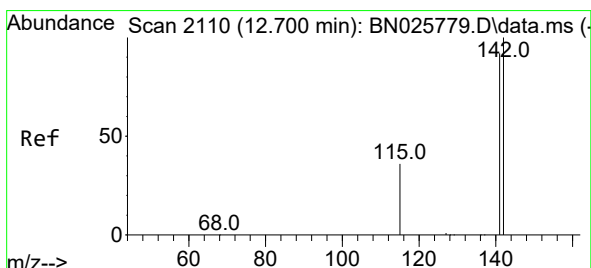
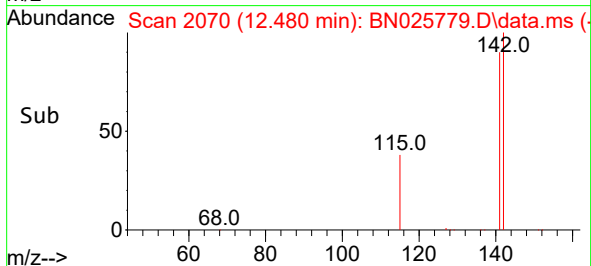
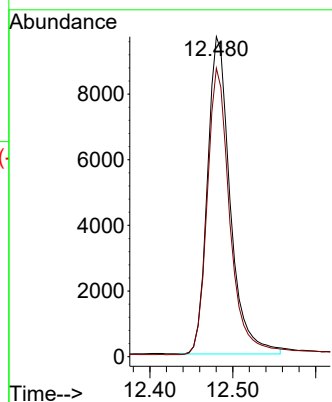
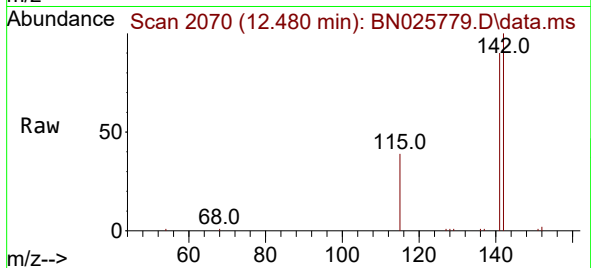




#7
2-Methylnaphthalene
Concen: 0.507 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

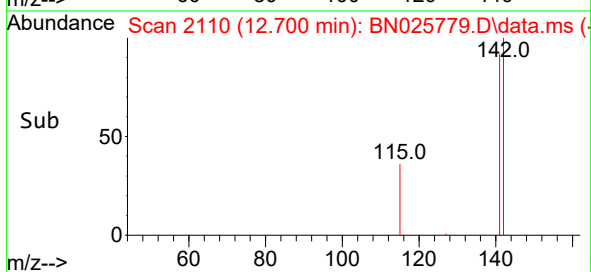
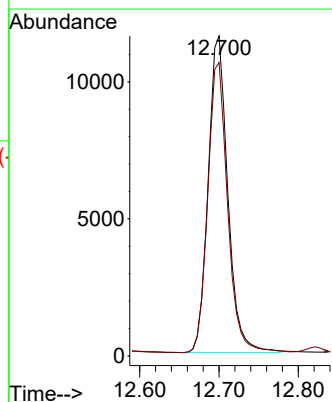
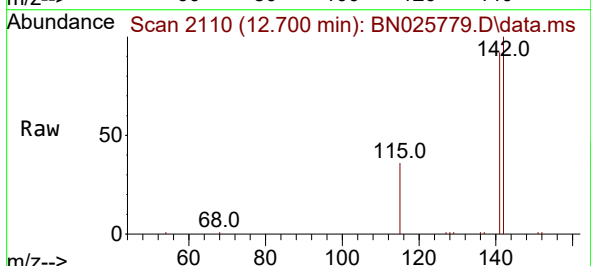
Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

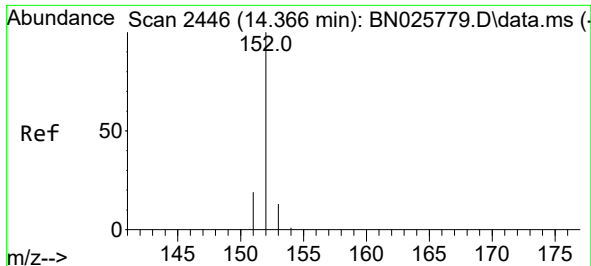
Tgt Ion:142 Resp: 18504
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.496 ng/ul
RT: 12.700 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:142 Resp: 19908
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0

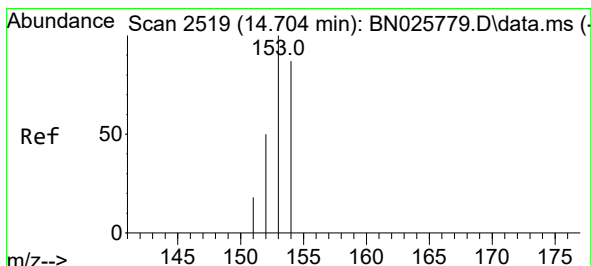
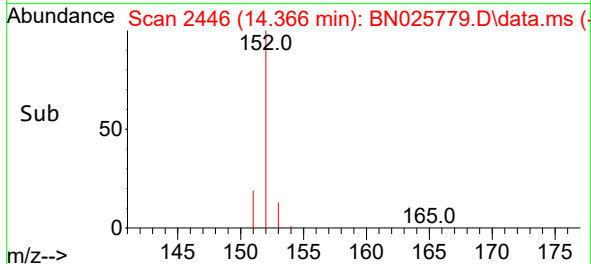
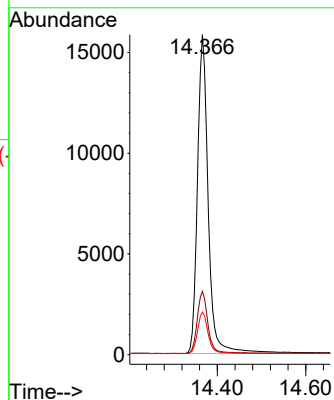
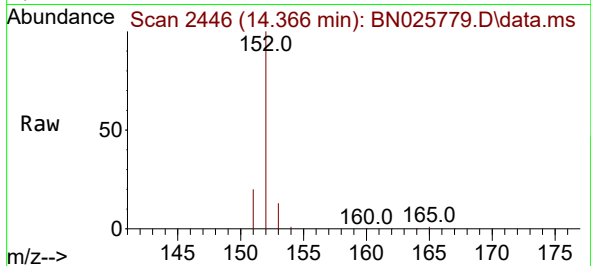




#10
Acenaphthylene
Concen: 0.489 ng/ul
RT: 14.366 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

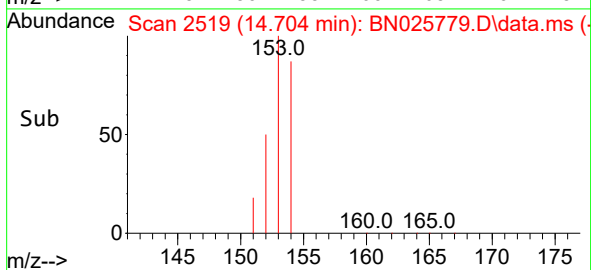
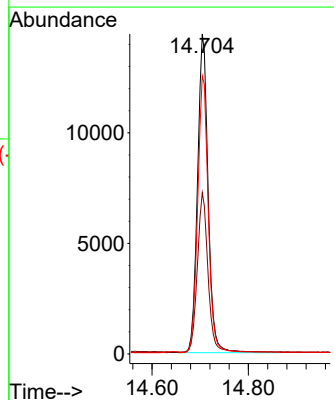
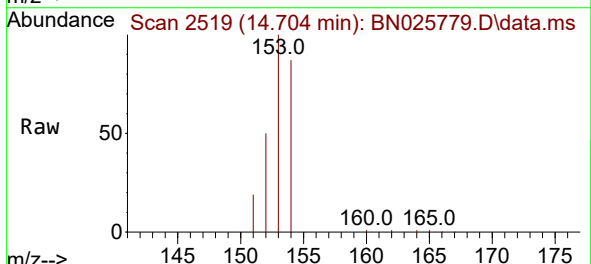
Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

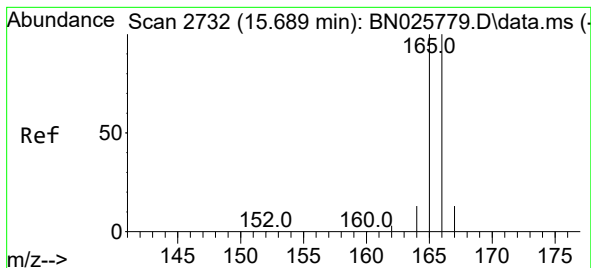
Tgt Ion:152 Resp: 26607
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.7 16.1



#11
Acenaphthene
Concen: 0.488 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:153 Resp: 22172
Ion Ratio Lower Upper
153 100
152 50.4 39.5 59.3
154 86.9 68.8 103.2





#12

Fluorene

Concen: 0.492 ng/ul

RT: 15.689 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN025779.D

Acq: 12 Jun 2023 12:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.4300

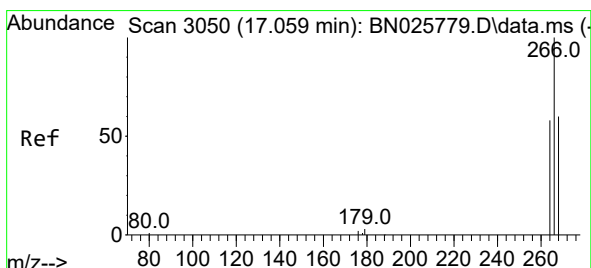
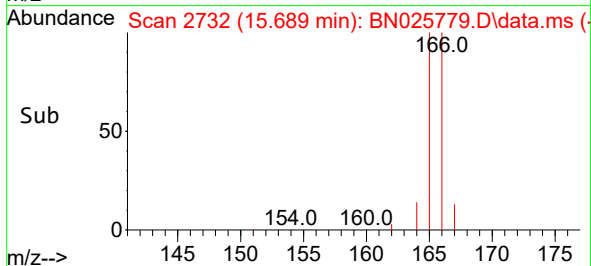
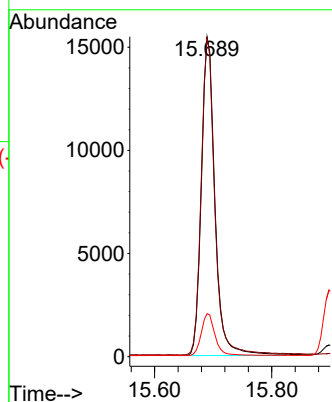
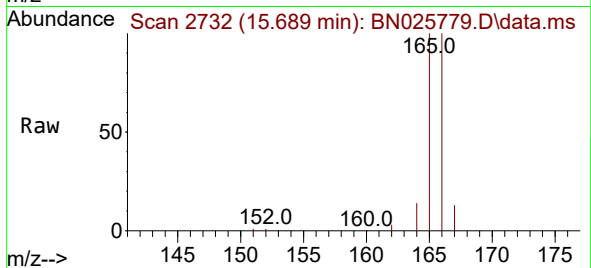
Tgt Ion:166 Resp: 24912

Ion Ratio Lower Upper

166 100

165 100.1 79.2 118.8

167 13.5 11.0 16.6



#14

Pentachlorophenol

Concen: 0.313 ng/ul

RT: 17.059 min Scan# 3050

Delta R.T. 0.004 min

Lab File: BN025779.D

Acq: 12 Jun 2023 12:37

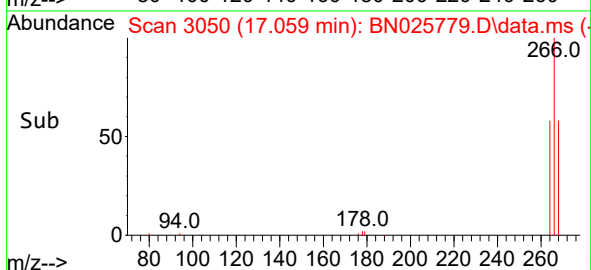
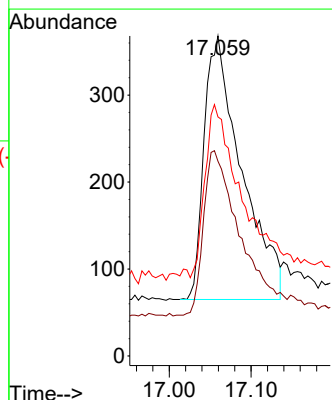
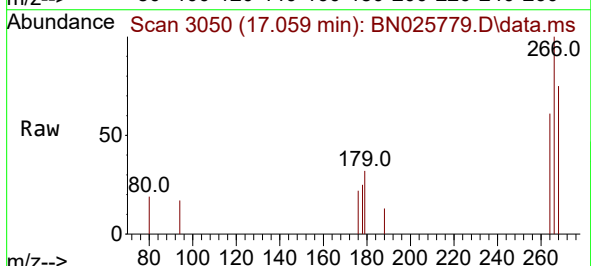
Tgt Ion:266 Resp: 960

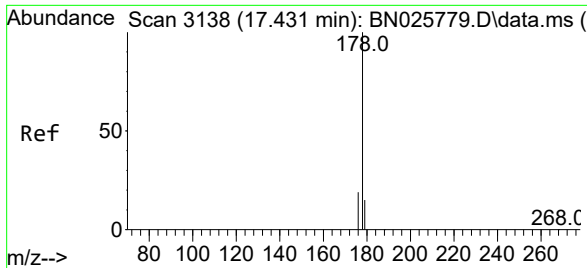
Ion Ratio Lower Upper

266 100

264 61.8 48.2 72.4

268 64.4 48.2 72.4

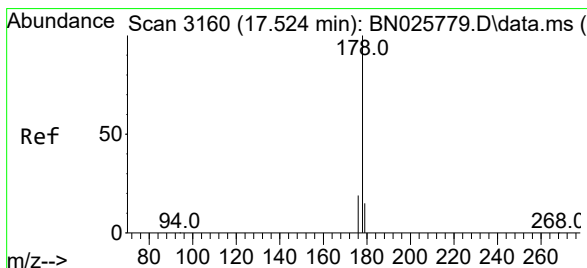
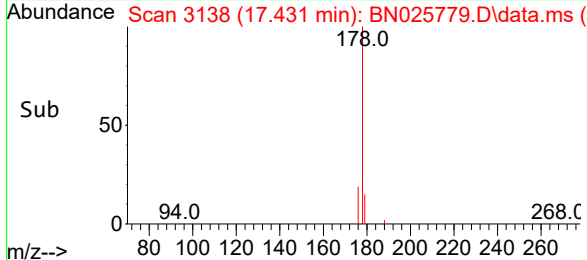
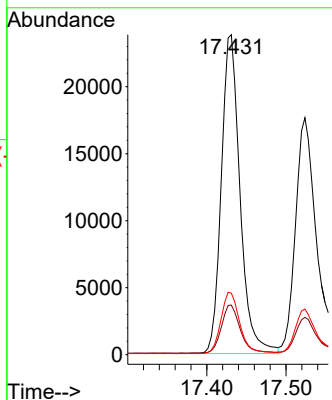
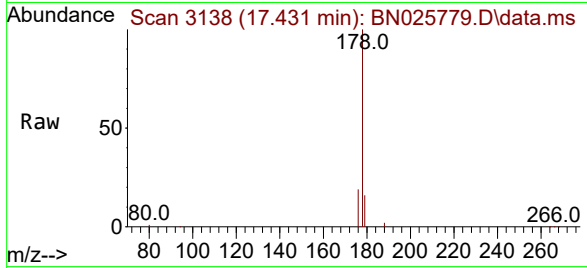




#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.431 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

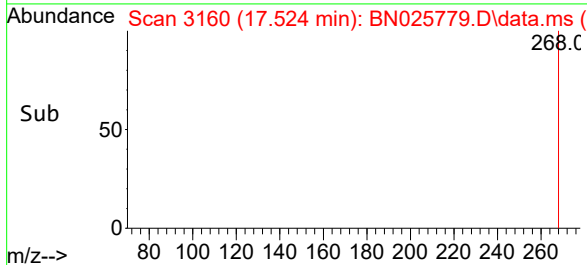
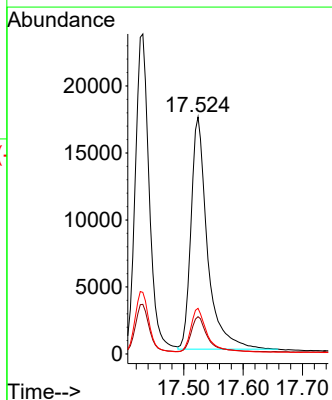
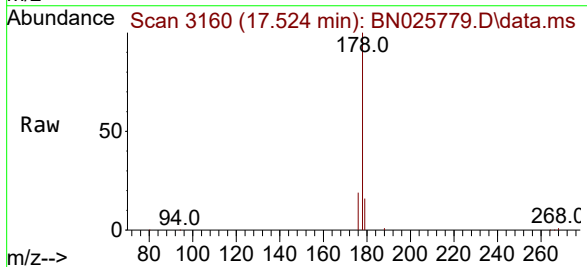
Instrument :
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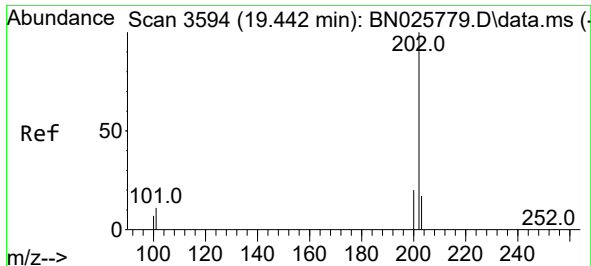
Tgt Ion:178	Resp:	39199
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.6 18.8
176	19.3	15.8 23.8



#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.524 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:178	Resp:	33280
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 19.0
176	19.3	15.4 23.2

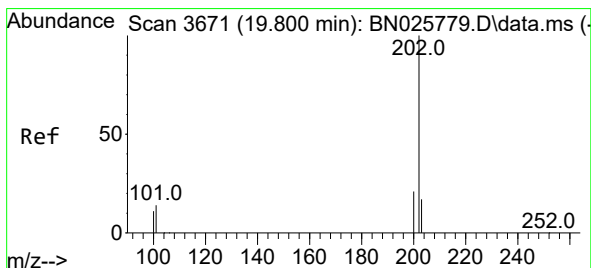
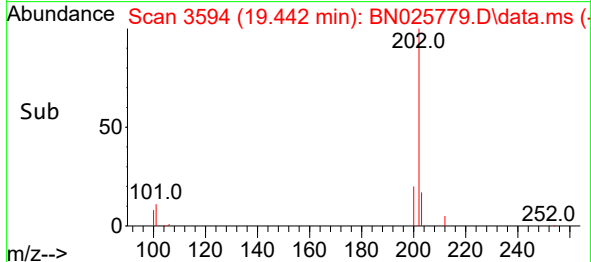
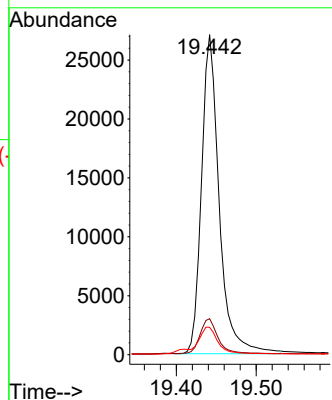
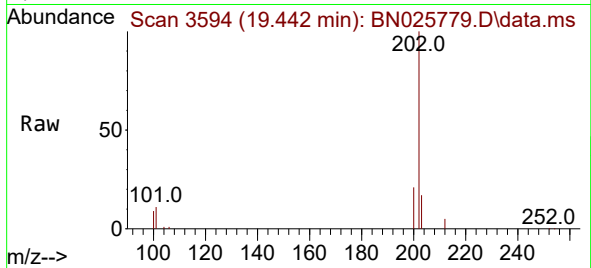




#19
Fluoranthene
Concen: 0.505 ng/ul
RT: 19.442 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

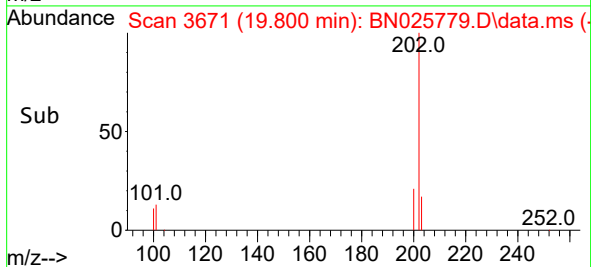
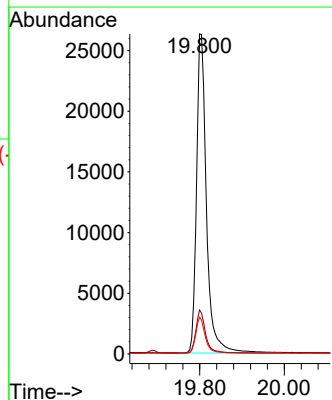
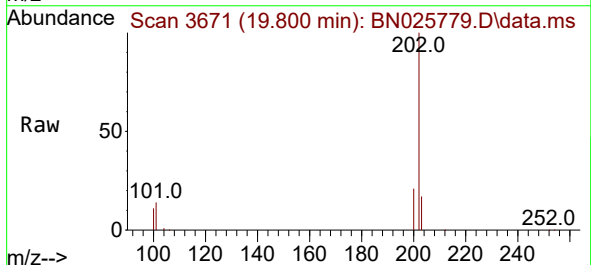
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SSTD0.4300

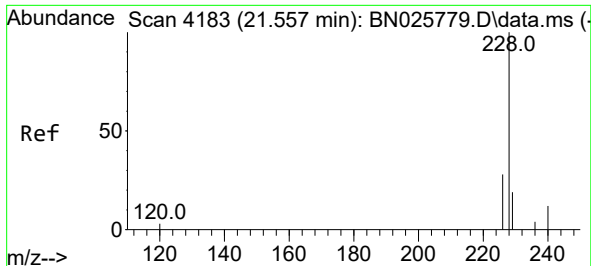
Tgt Ion:202 Resp: 41767
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.6 7.0 10.6



#20
Pyrene
Concen: 0.502 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:202 Resp: 42932
Ion Ratio Lower Upper
202 100
101 13.7 10.4 15.6
100 11.5 8.8 13.2

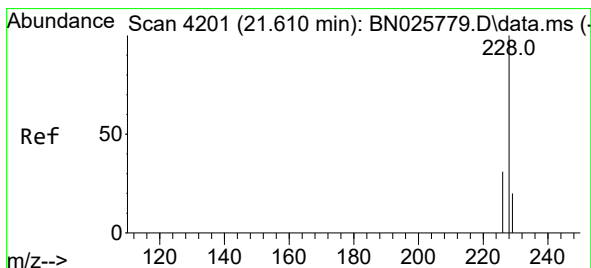
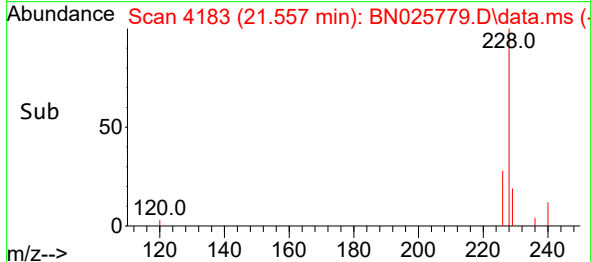
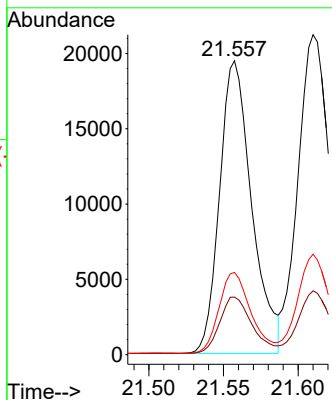
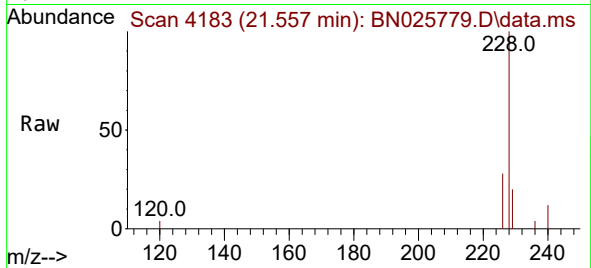




#21
Benzo(a)anthracene
Concen: 0.506 ng/ul
RT: 21.557 min Scan# 4183
Delta R.T. 0.005 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

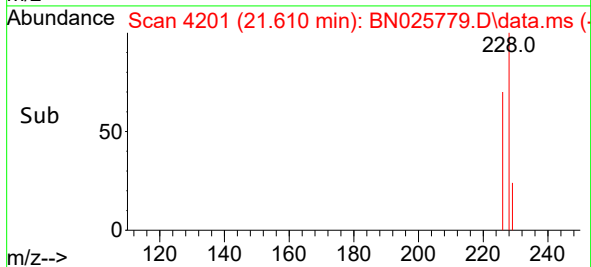
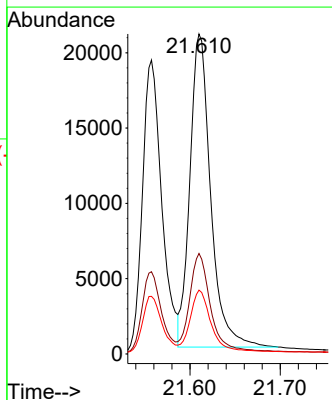
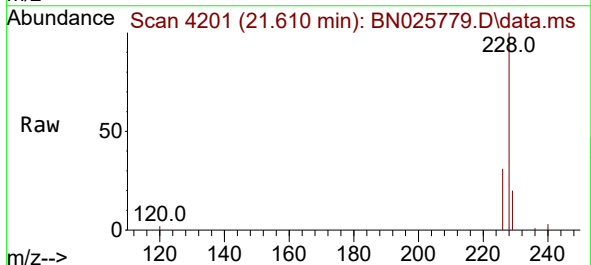
Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

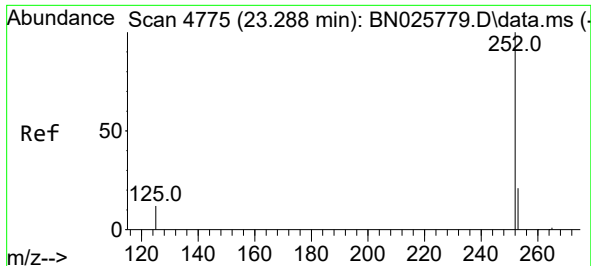
Tgt Ion:228 Resp: 29165
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.505 ng/ul
RT: 21.610 min Scan# 4201
Delta R.T. 0.002 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:228 Resp: 33269
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 19.9 15.7 23.5

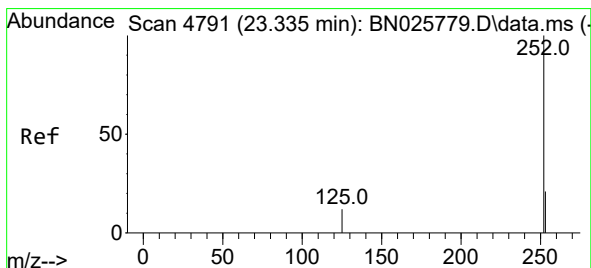
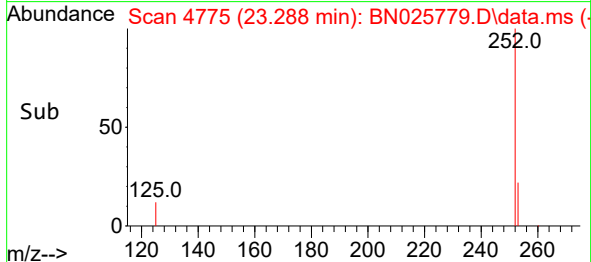
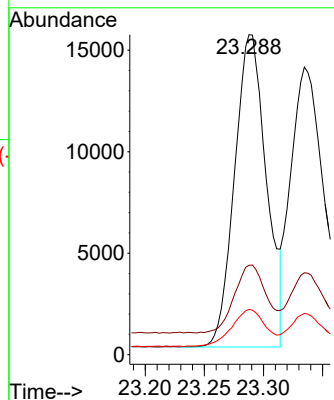
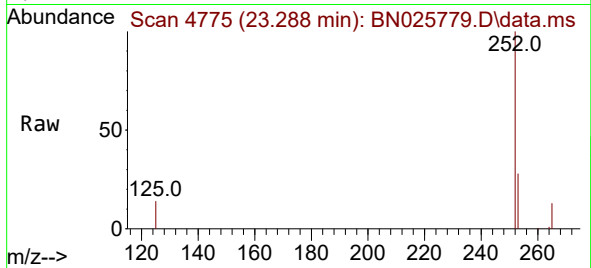




#24
Benzo(b)fluoranthene
Concen: 0.469 ng/ul
RT: 23.288 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

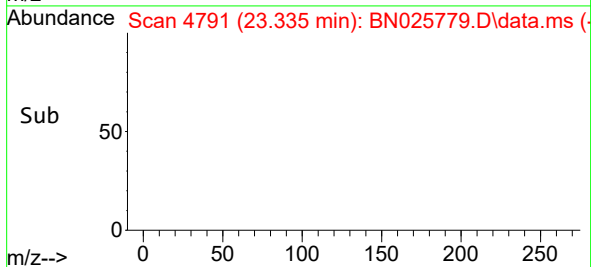
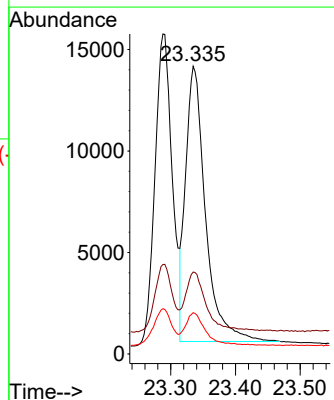
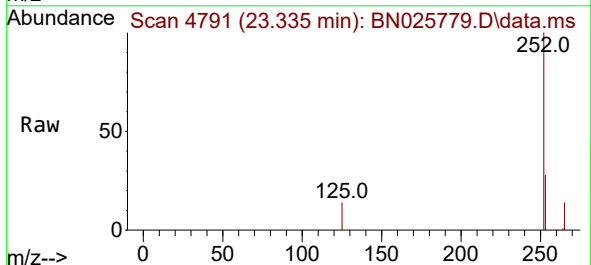
Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

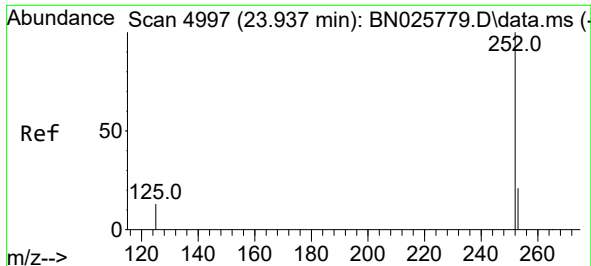
Tgt Ion:252 Resp: 28832
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 14.2 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.470 ng/ul
RT: 23.335 min Scan# 4791
Delta R.T. -0.006 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:252 Resp: 28972
Ion Ratio Lower Upper
252 100
253 28.4 23.3 34.9
125 14.3 11.6 17.4

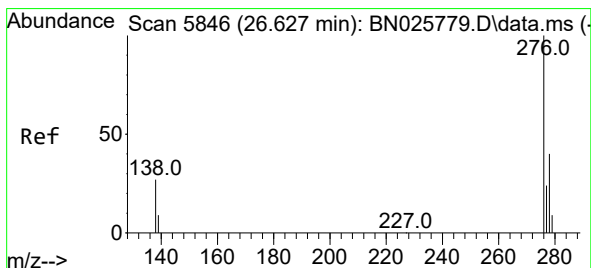
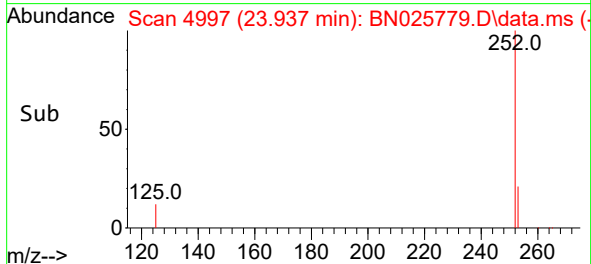
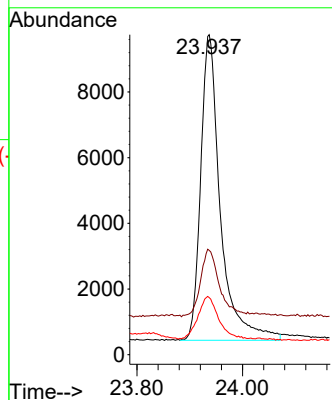
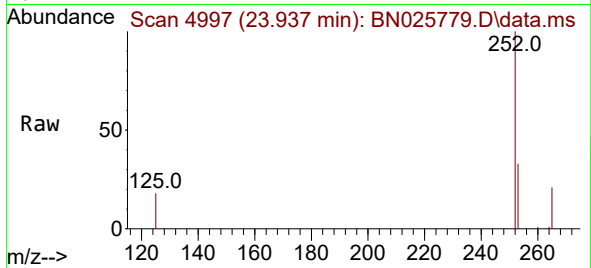




#26
Benzo(a)pyrene
Concen: 0.462 ng/ul
RT: 23.937 min Scan# 4997
Delta R.T. -0.006 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

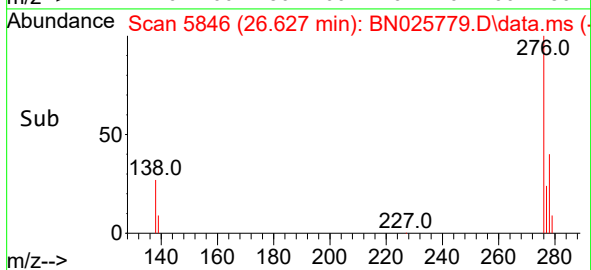
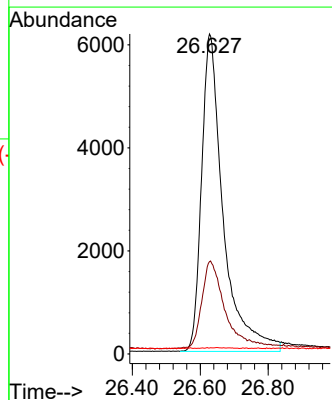
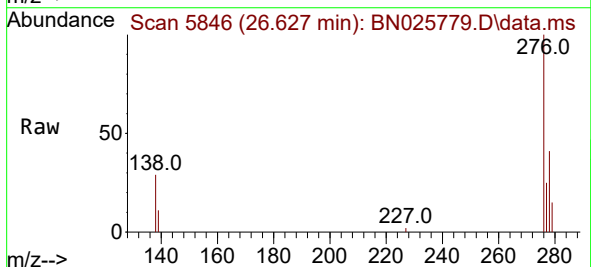
Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

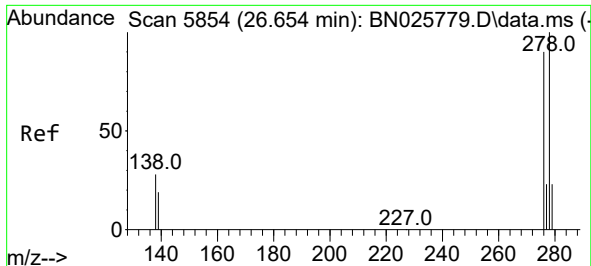
Tgt Ion:	252	Resp:	24082
Ion Ratio	Lower	Upper	
252	100		
253	32.6	25.8	38.8
125	17.9	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 26.627 min Scan# 5846
Delta R.T. -0.031 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:	276	Resp:	27204
Ion Ratio	Lower	Upper	
276	100		
138	28.8	24.6	36.8
227	0.0	0.0	0.0

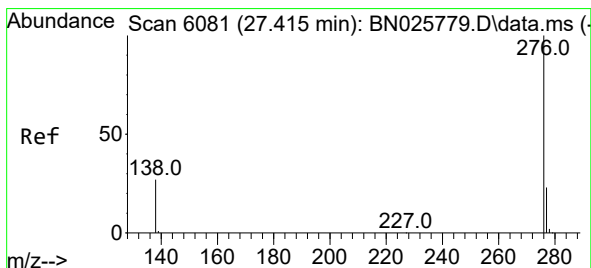
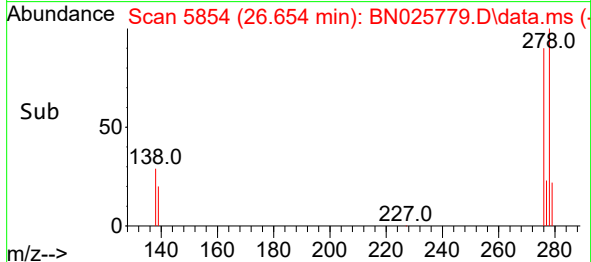
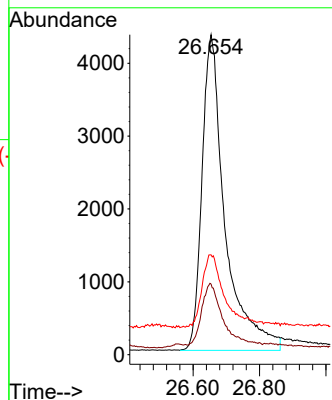
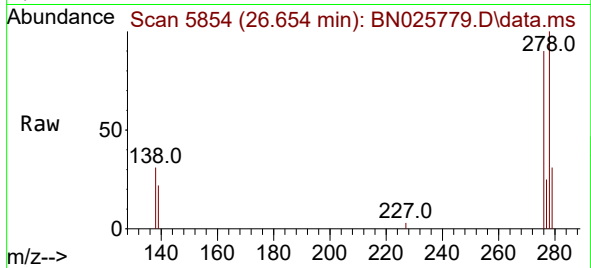




#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 26.654 min Scan# 5854
Delta R.T. -0.031 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4300

Tgt Ion:278 Resp: 20814
Ion Ratio Lower Upper
278 100
139 22.1 17.9 26.9
279 31.2 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 27.415 min Scan# 6081
Delta R.T. -0.034 min
Lab File: BN025779.D
Acq: 12 Jun 2023 12:37

Tgt Ion:276 Resp: 24228
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.8
277 24.5 19.4 29.2

