

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025951.D
 Acq On : 22 Jun 2023 23:24
 Operator : MA/JU
 Sample : 03083-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK8DL

Quant Time: Jun 23 01:05:36 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

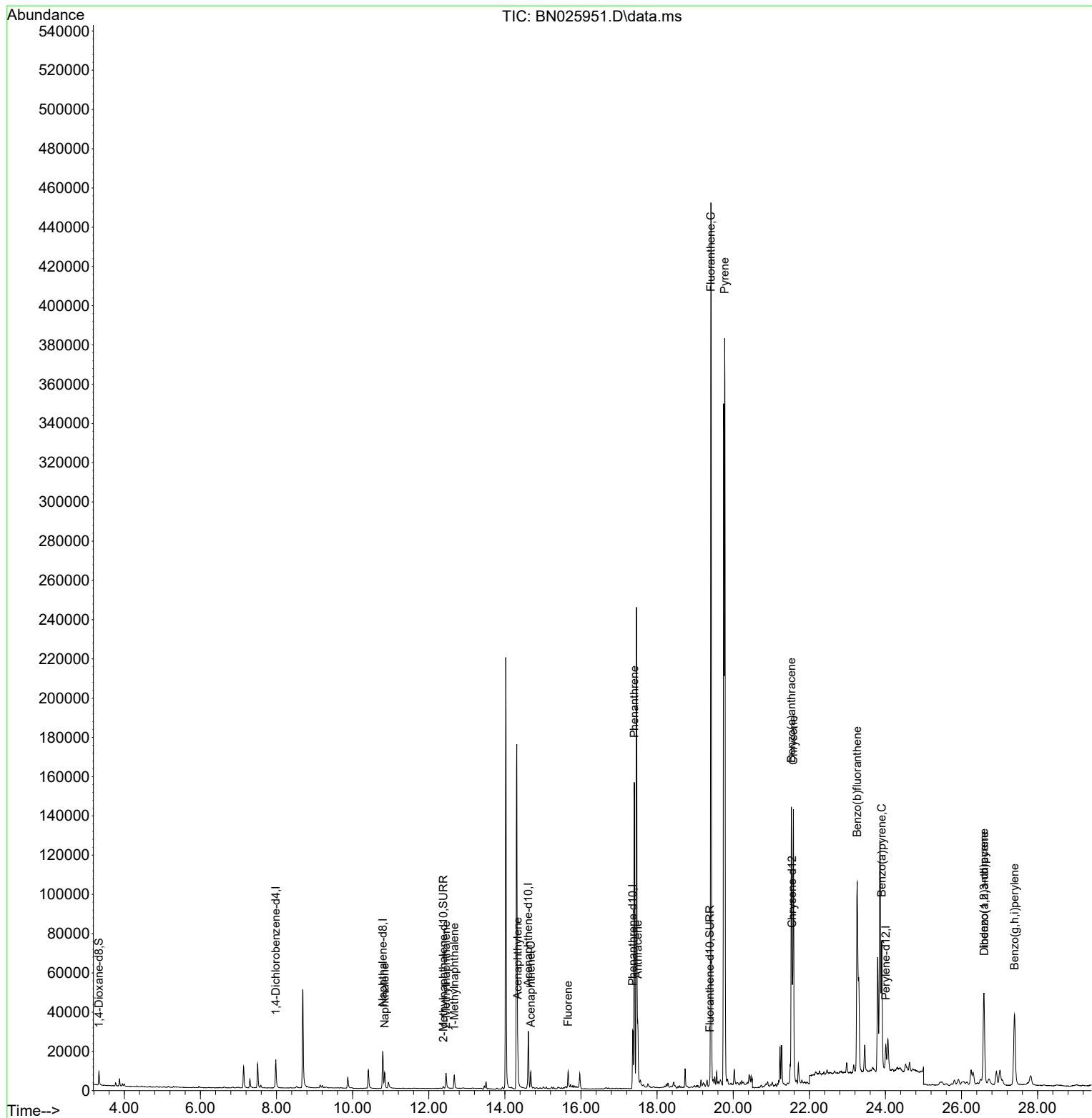
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	8844	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	28025	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	36001	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	21857	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	17529	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4811	0.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	1546	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3539	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	12125	0.151	ng/ul	98
7) 2-Methylnaphthalene	12.453	142	6778	0.133	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	5433	0.103	ng/ul	100
10) Acenaphthylene	14.339	152	19512	0.247	ng/ul	99
11) Acenaphthene	14.681	153	5270	0.082	ng/ul	98
12) Fluorene	15.662	166	5948	0.080	ng/ul#	97
15) Phenanthrene	17.402	178	169775	1.428	ng/ul	99
16) Anthracene	17.495	178	28734	0.272	ng/ul	98
19) Fluoranthene	19.415	202	406353	3.481	ng/ul	99
20) Pyrene	19.777	202	319133	2.628	ng/ul	98
21) Benzo(a)anthracene	21.529	228	125094	1.387	ng/ul	98
22) Chrysene	21.582	228	152049	1.621	ng/ul	98
24) Benzo(b)fluoranthene	23.259	252	231842	3.099	ng/ul	92
26) Benzo(a)pyrene	23.905	252	92822	1.428	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.588	276	72264	1.018	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.594	278	17443	0.325	ng/ul	95
29) Benzo(g,h,i)perylene	27.389	276	76929	1.218	ng/ul	96

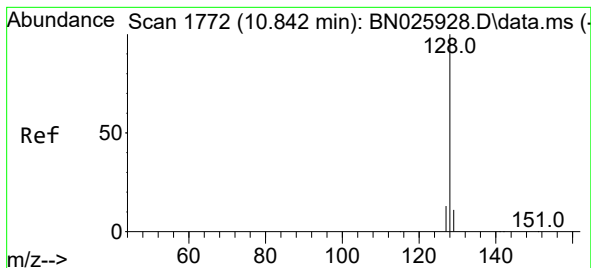
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.151 ng/ul

RT: 10.842 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BN025951.D

Acq: 22 Jun 2023 23:24

Instrument :

BNA_N

ClientSampleId :

DCFK8DL

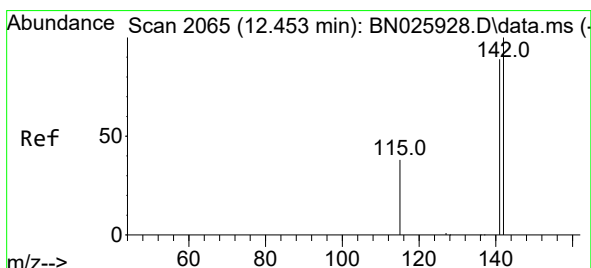
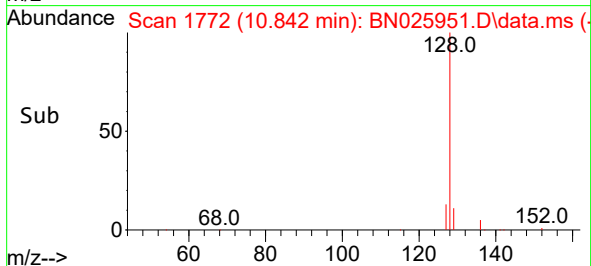
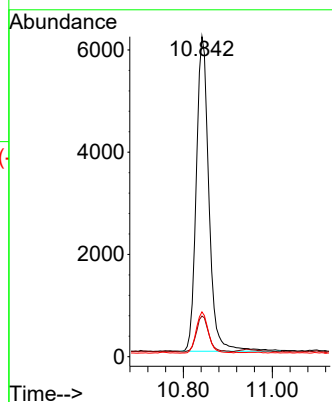
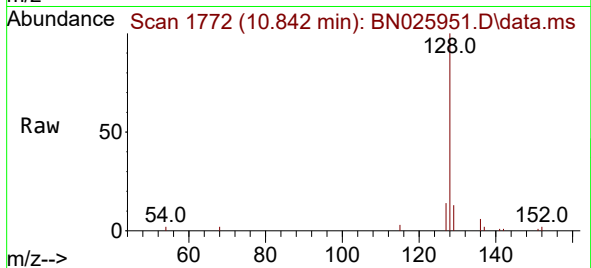
Tgt Ion:128 Resp: 12125

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

127 14.0 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.133 ng/ul

RT: 12.453 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BN025951.D

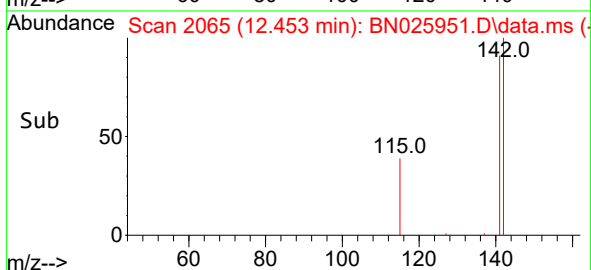
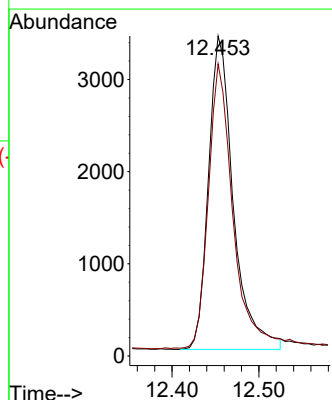
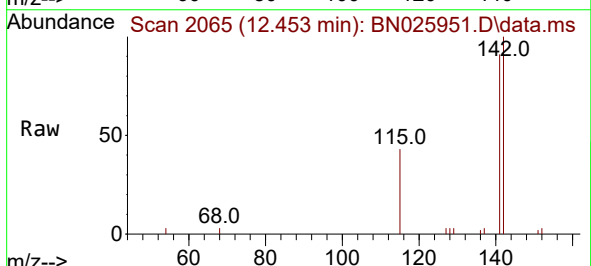
Acq: 22 Jun 2023 23:24

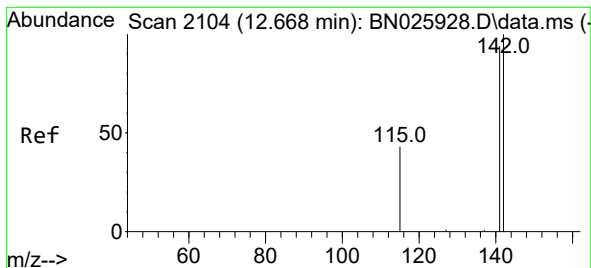
Tgt Ion:142 Resp: 6778

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.103 ng/ul

RT: 12.673 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BN025951.D

Acq: 22 Jun 2023 23:24

Instrument :

BNA_N

ClientSampleId :

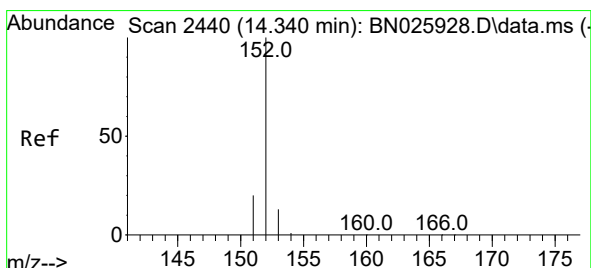
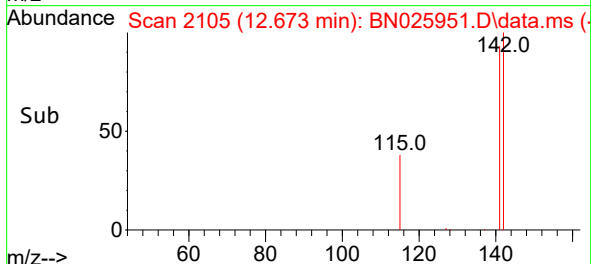
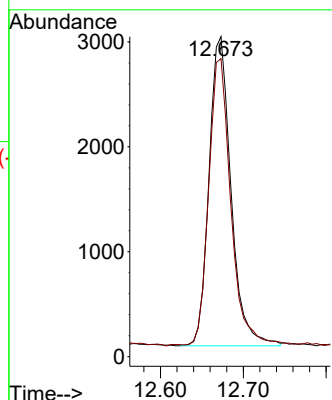
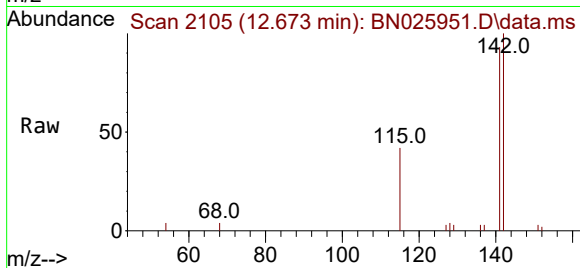
DCFK8DL

Tgt Ion:142 Resp: 5433

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4



#10

Acenaphthylene

Concen: 0.247 ng/ul

RT: 14.339 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN025951.D

Acq: 22 Jun 2023 23:24

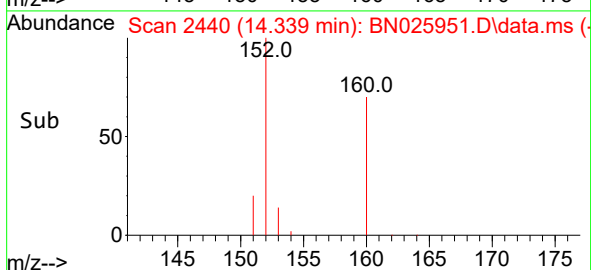
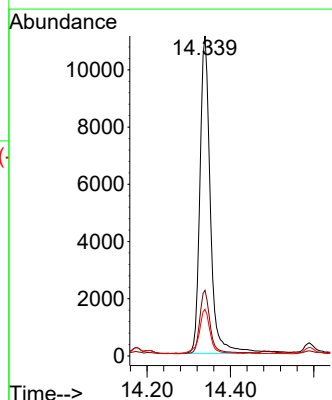
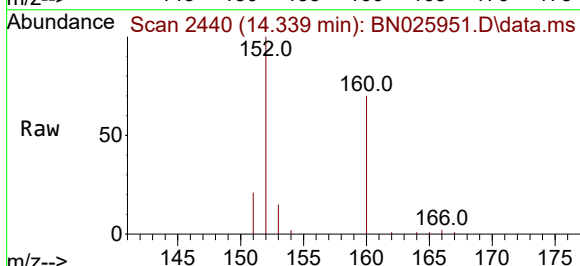
Tgt Ion:152 Resp: 19512

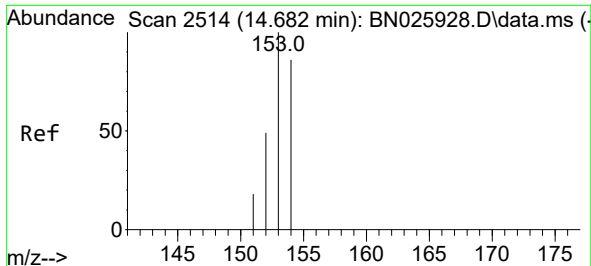
Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 14.5 10.9 16.3

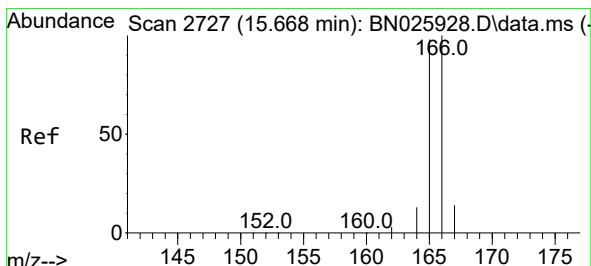
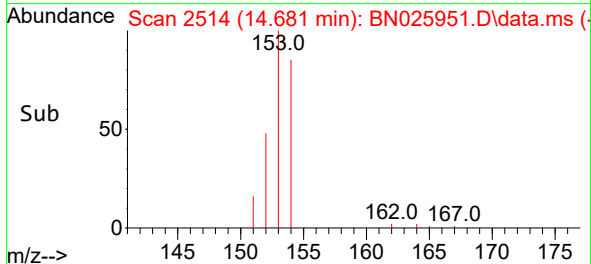
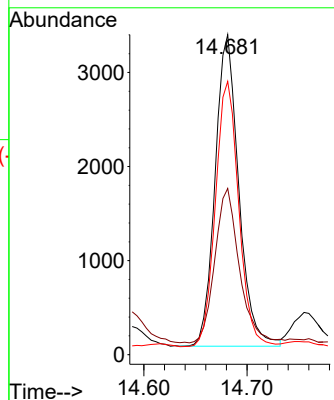
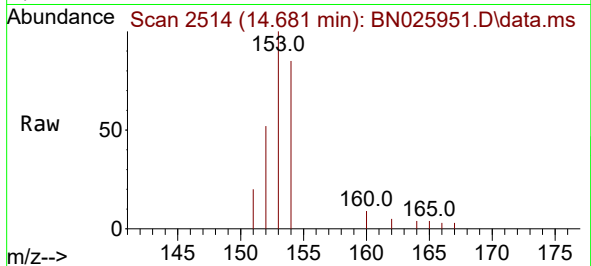




#11
Acenaphthene
Concen: 0.082 ng/ul
RT: 14.681 min Scan# 214
Delta R.T. -0.000 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

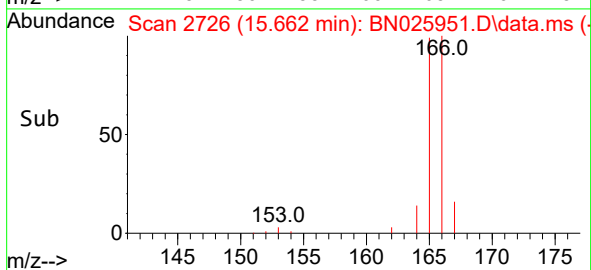
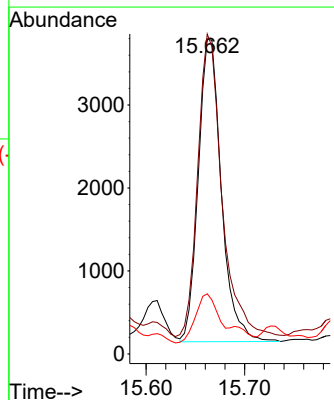
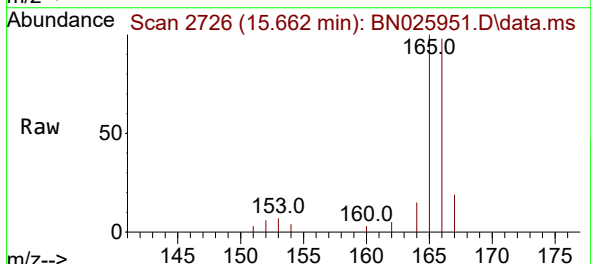
Instrument :
BNA_N
ClientSampleId :
DCFK8DL

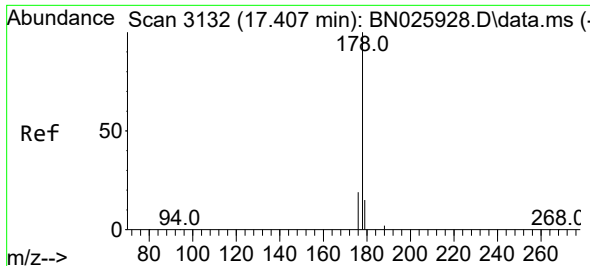
Tgt Ion:153 Resp: 5270
Ion Ratio Lower Upper
153 100
152 52.0 39.4 59.0
154 85.4 68.9 103.3



#12
Fluorene
Concen: 0.080 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

Tgt Ion:166 Resp: 5948
Ion Ratio Lower Upper
166 100
165 101.6 79.9 119.9
167 19.1 10.8 16.2#

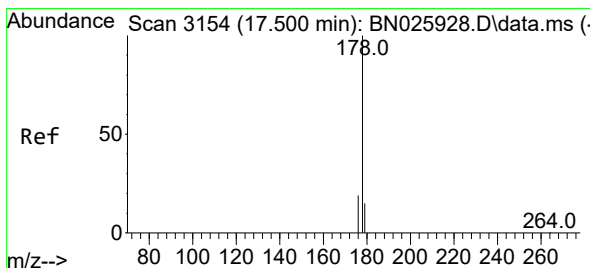
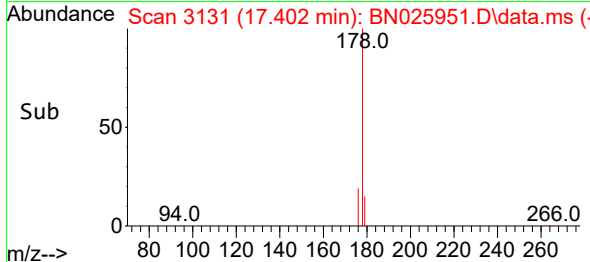
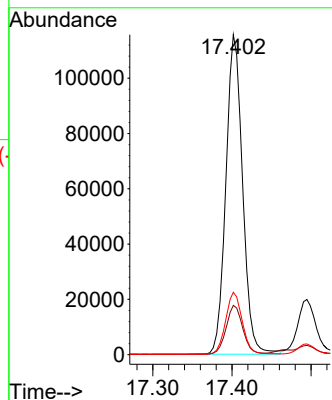
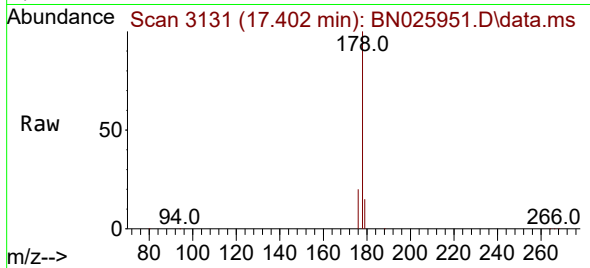




#15
Phenanthrene
Concen: 1.428 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

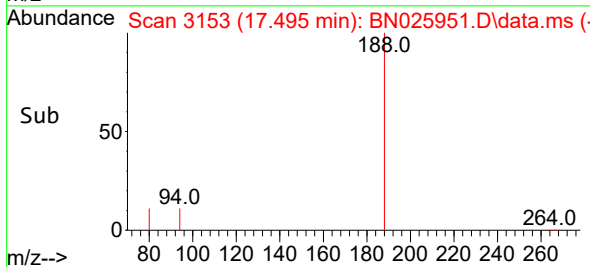
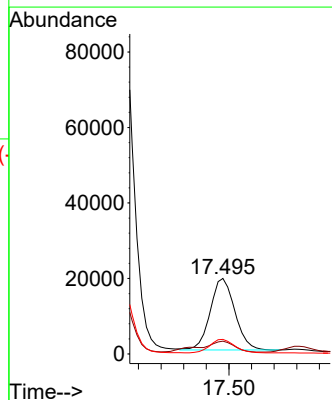
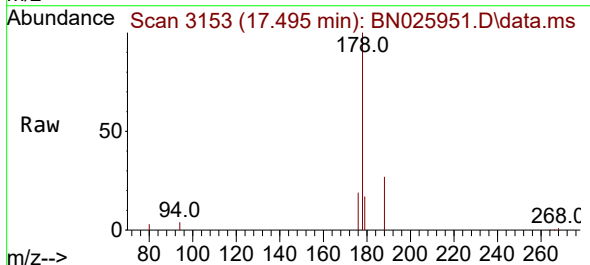
Instrument :
BNA_N
ClientSampleId :
DCFK8DL

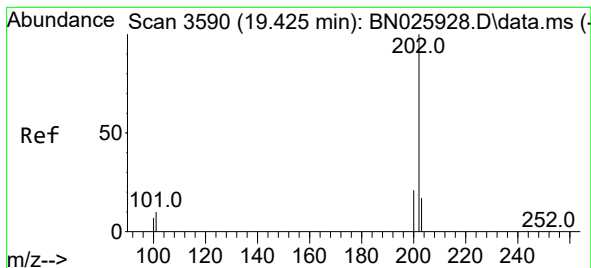
Tgt Ion:178 Resp: 169775
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

Tgt Ion:178 Resp: 28734
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.3 15.1 22.7





#19

Fluoranthene

Concen: 3.481 ng/ul

RT: 19.415 min Scan# 3588

Delta R.T. -0.005 min

Lab File: BN025951.D

Acq: 22 Jun 2023 23:24

Instrument :

BNA_N

ClientSampleId :

DCFK8DL

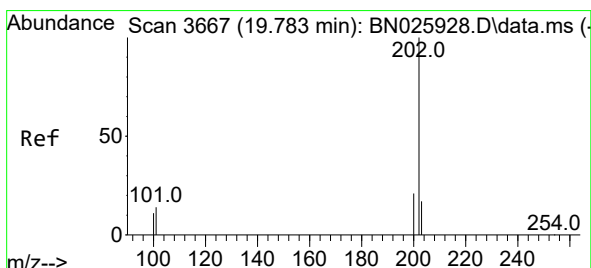
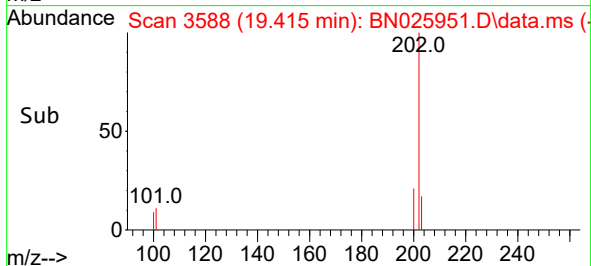
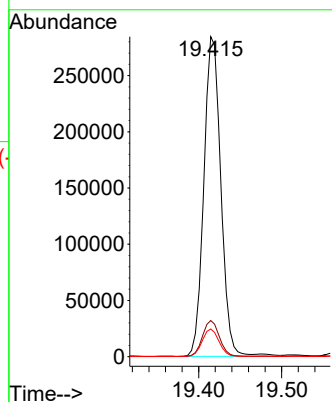
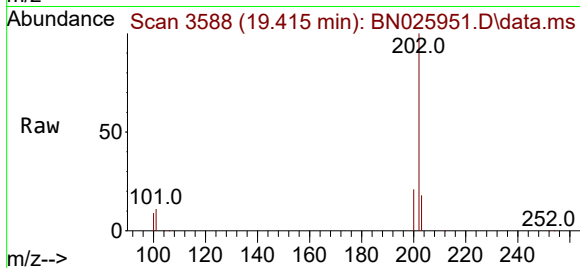
Tgt Ion:202 Resp: 406353

Ion Ratio Lower Upper

202 100

101 11.3 9.5 14.3

100 8.7 7.3 10.9



#20

Pyrene

Concen: 2.628 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN025951.D

Acq: 22 Jun 2023 23:24

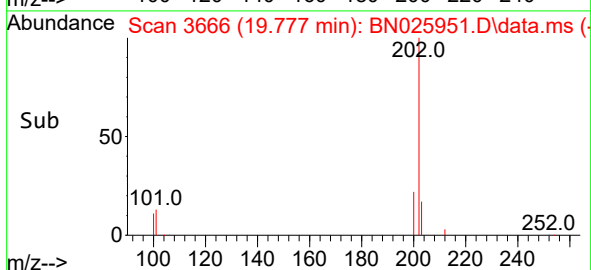
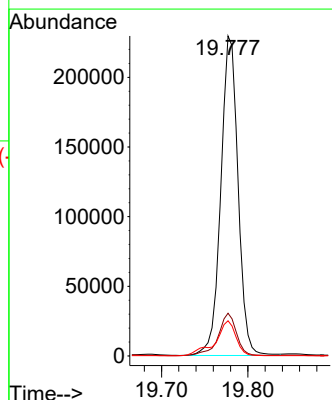
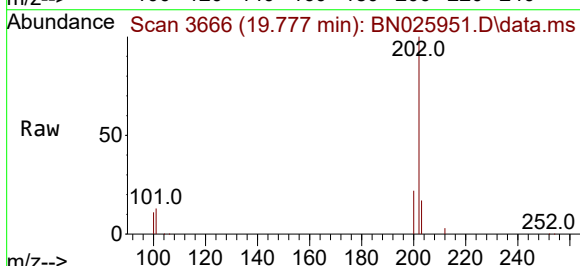
Tgt Ion:202 Resp: 319133

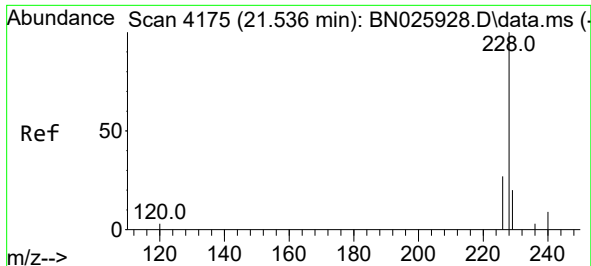
Ion Ratio Lower Upper

202 100

101 13.4 11.4 17.0

100 11.0 9.1 13.7

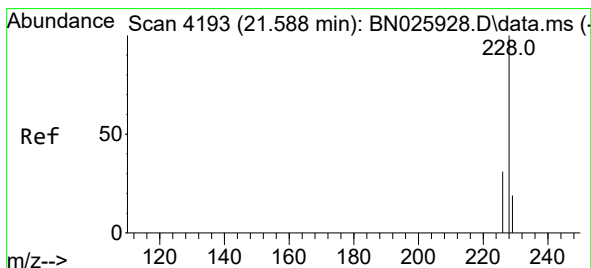
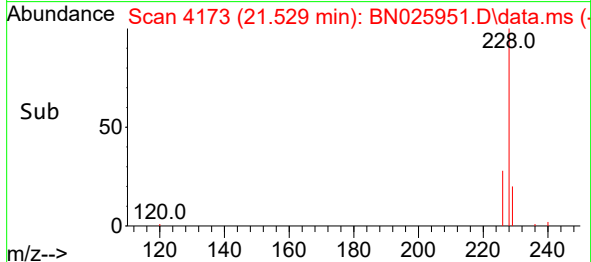
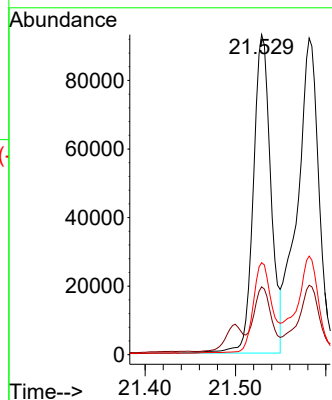
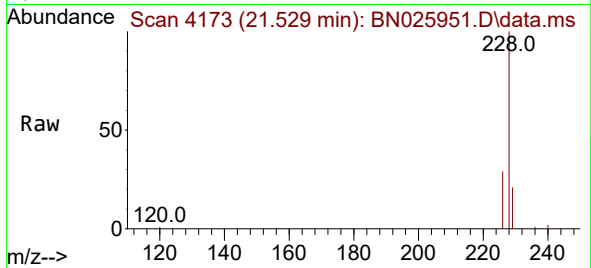




#21
Benzo(a)anthracene
Concen: 1.387 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

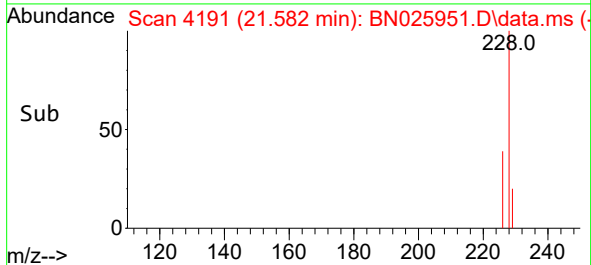
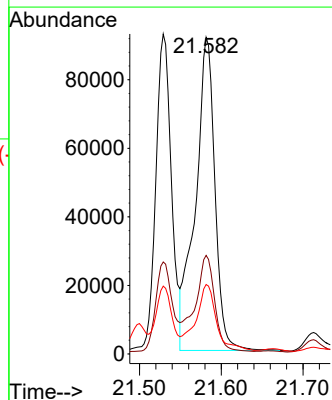
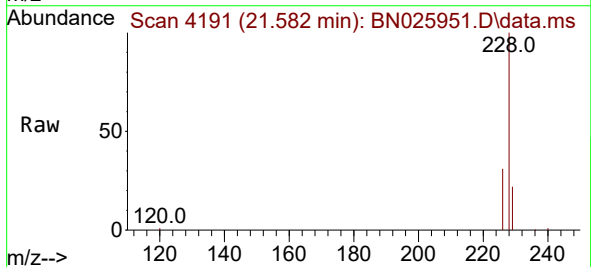
Instrument :
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ClientSampleId :
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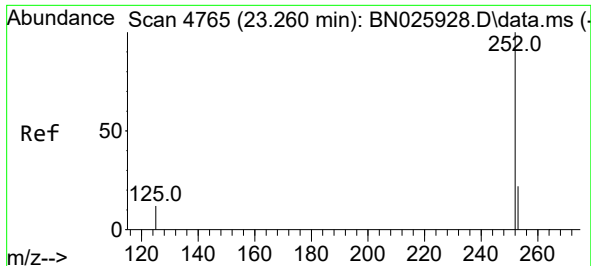
Tgt Ion:228 Resp: 125094
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 1.621 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

Tgt Ion:228 Resp: 152049
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.9 15.7 23.5

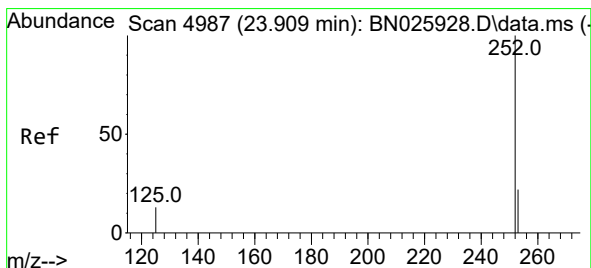
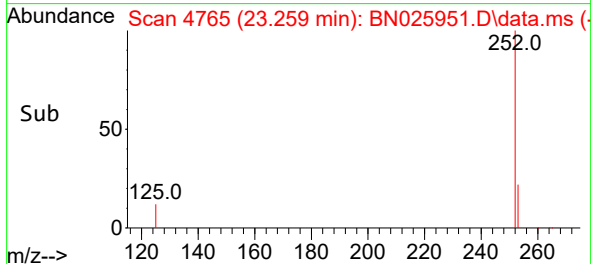
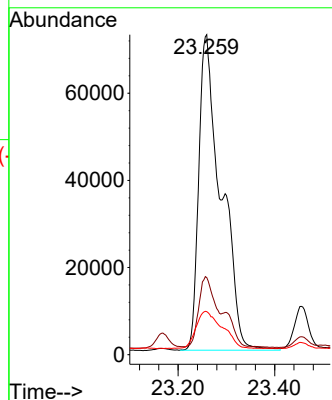
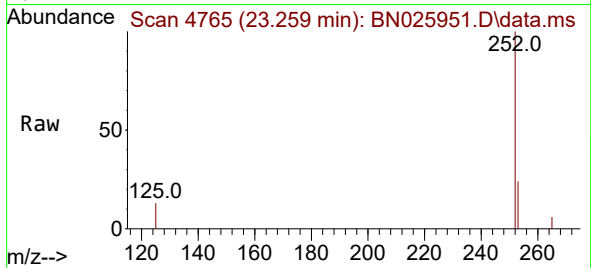




#24
Benzo(b)fluoranthene
Concen: 3.099 ng/ul
RT: 23.259 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

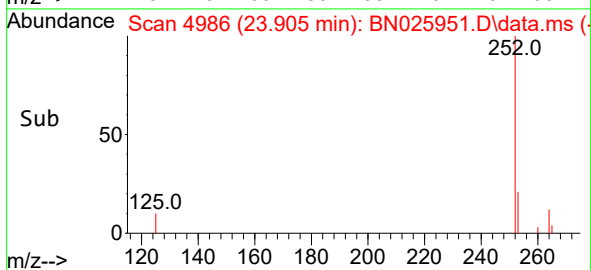
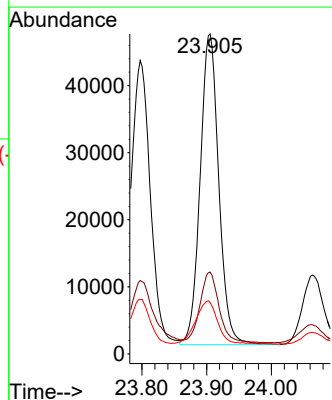
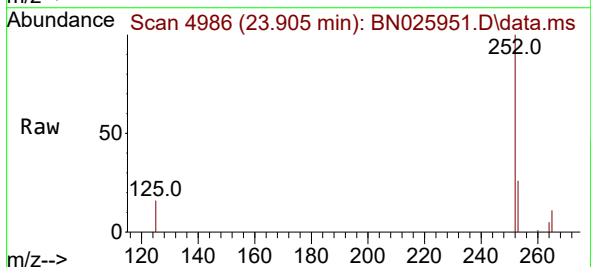
Instrument :
BNA_N
ClientSampleId :
DCFK8DL

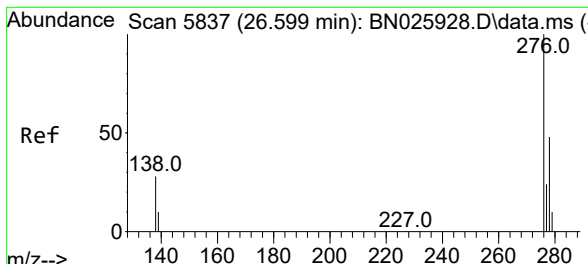
Tgt Ion:252 Resp: 231842
Ion Ratio Lower Upper
252 100
253 24.1 0.0 55.6
125 13.5 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.428 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BN025951.D
Acq: 22 Jun 2023 23:24

Tgt Ion:252 Resp: 92822
Ion Ratio Lower Upper
252 100
253 25.6 26.0 39.0#
125 16.0 17.3 25.9#

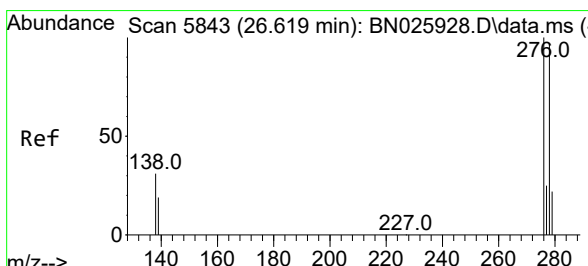
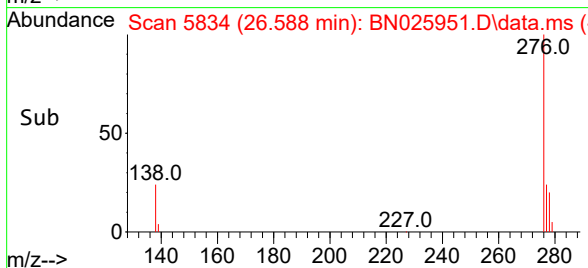
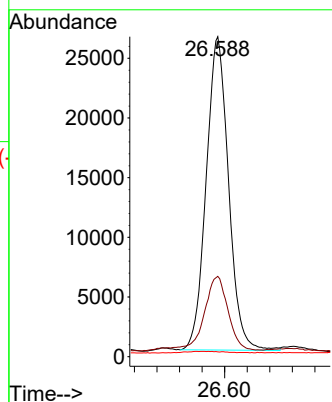
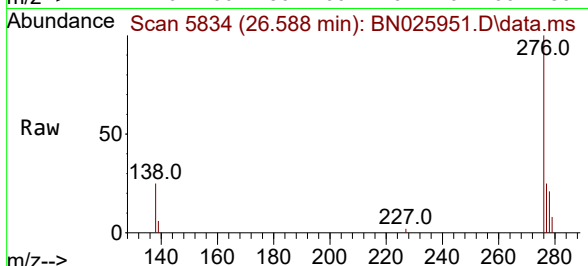




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.018 ng/ul
 RT: 26.588 min Scan# 5834
 Delta R.T. -0.007 min
 Lab File: BN025951.D
 Acq: 22 Jun 2023 23:24

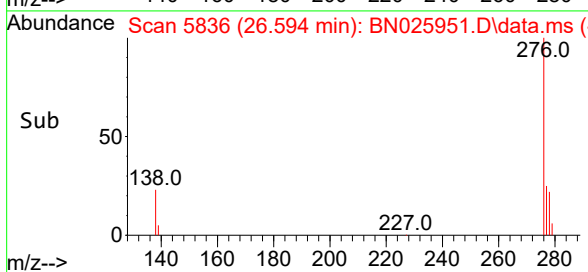
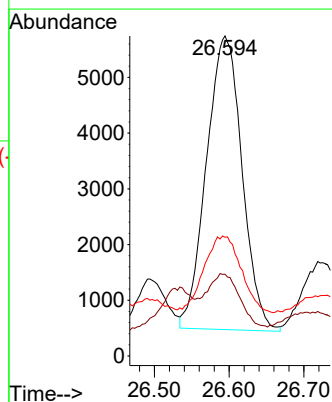
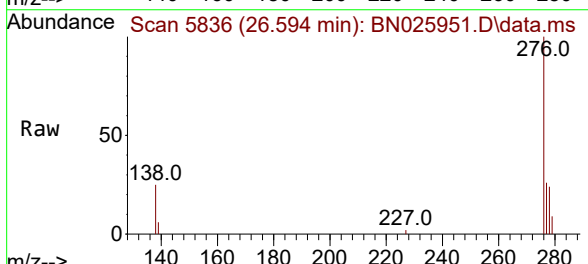
Instrument :
 BNA_N
 ClientSampleId :
 DCFK8DL

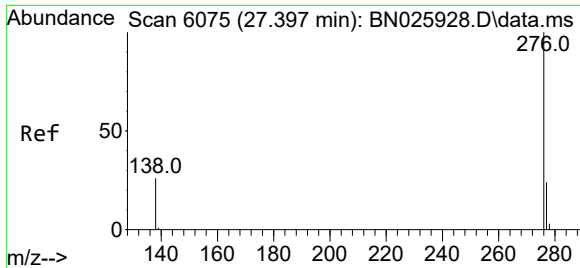
Tgt Ion:276 Resp: 72264
 Ion Ratio Lower Upper
 276 100
 138 26.3 24.5 36.7
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.325 ng/ul
 RT: 26.594 min Scan# 5836
 Delta R.T. -0.027 min
 Lab File: BN025951.D
 Acq: 22 Jun 2023 23:24

Tgt Ion:278 Resp: 17443
 Ion Ratio Lower Upper
 278 100
 139 25.6 19.0 28.4
 279 37.1 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.218 ng/ul
 RT: 27.389 min Scan# 6073
 Delta R.T. 0.003 min
 Lab File: BN025951.D
 Acq: 22 Jun 2023 23:24

Instrument :
 BNA_N
 ClientSampleId :
 DCFK8DL

Tgt Ion:	276	Resp:	76929
Ion Ratio	Lower	Upper	
276	100		
138	25.7	23.4	35.0
277	24.8	20.0	30.0

