

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025977.D
 Acq On : 23 Jun 2023 20:51
 Operator : MA/JU
 Sample : 03083-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFJ9

Quant Time: Jun 24 01:01:19 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)

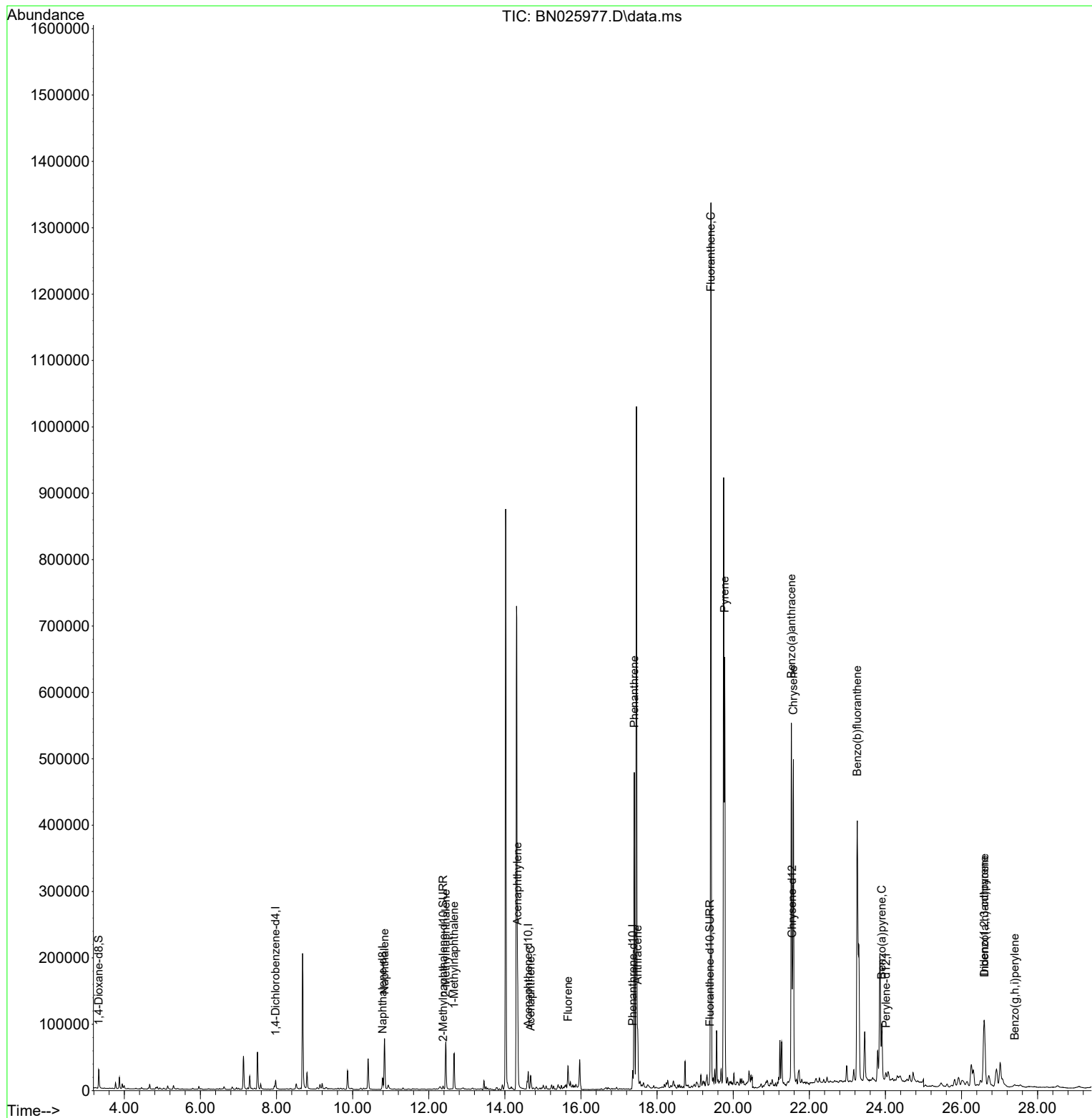
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7432	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	23297	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.616	164	14831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	31854	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	20013	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	15963	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	18845	2.252	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	6489	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15275	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	109242	1.636	ng/ul	100
7) 2-Methylnaphthalene	12.447	142	52879	1.244	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	38368	0.871	ng/ul	100
10) Acenaphthylene	14.334	152	179439	2.584	ng/ul	100
11) Acenaphthene	14.677	153	13349	0.235	ng/ul	98
12) Fluorene	15.662	166	22543	0.346	ng/ul#	97
15) Phenanthrene	17.402	178	513266	4.878	ng/ul	99
16) Anthracene	17.490	178	77520	0.829	ng/ul	99
19) Fluoranthene	19.415	202	1153687	10.793	ng/ul	98
20) Pyrene	19.777	202	539869	4.856	ng/ul	97
21) Benzo(a)anthracene	21.529	228	472959	5.729	ng/ul	96
22) Chrysene	21.581	228	525906	6.122	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	920075	13.504	ng/ul	89
26) Benzo(a)pyrene	23.905	252	126174	2.132	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.598	276	160495	2.483	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.601	278	79909	1.634	ng/ul	94
29) Benzo(g,h,i)perylene	27.399	276	6469	0.113	ng/ul#	53

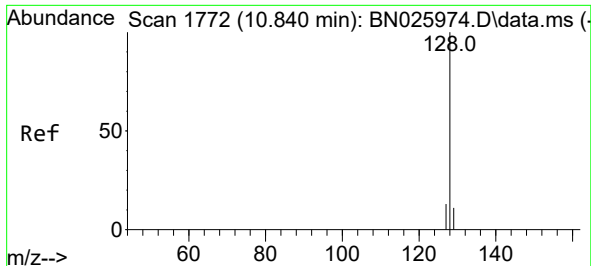
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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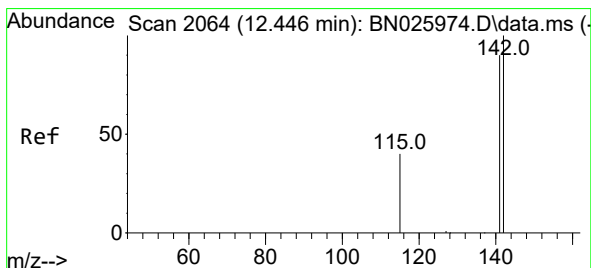
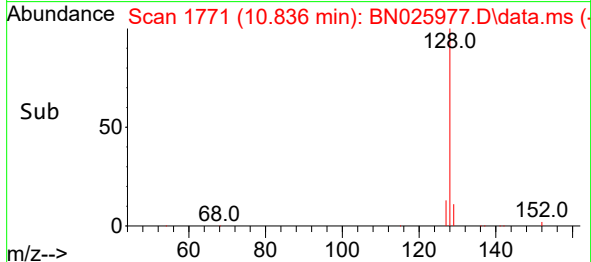
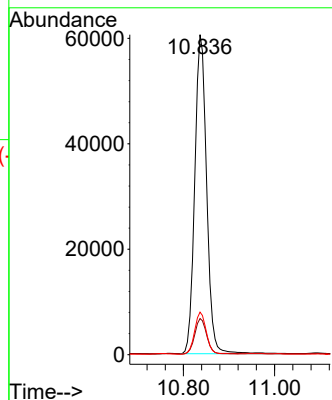
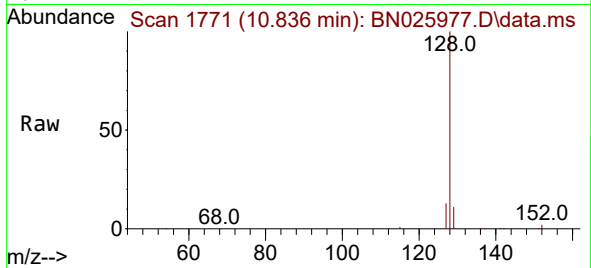




#5
Naphthalene
Concen: 1.636 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

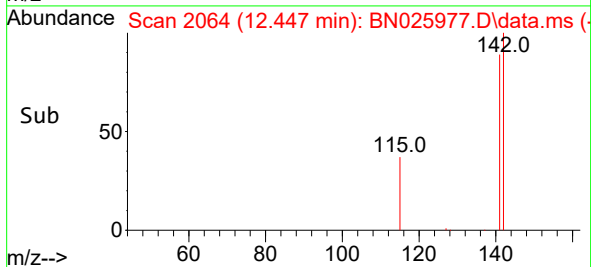
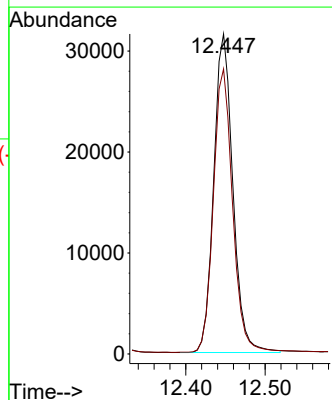
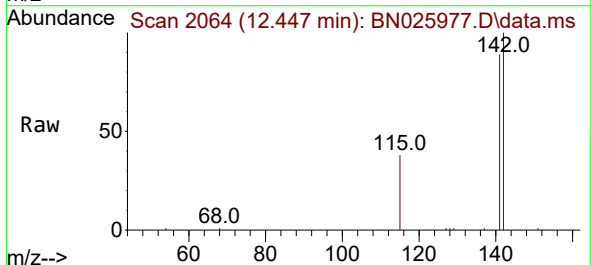
Instrument :
BNA_N
ClientSampleId :
DCFJ9

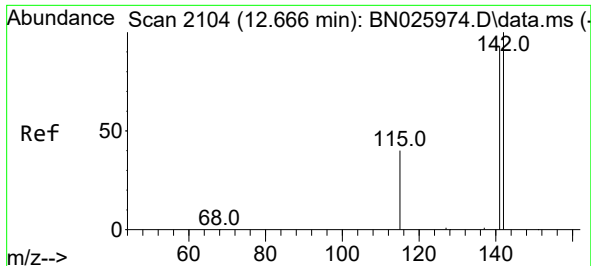
Tgt Ion:128 Resp: 109242
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.244 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Tgt Ion:142 Resp: 52879
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9

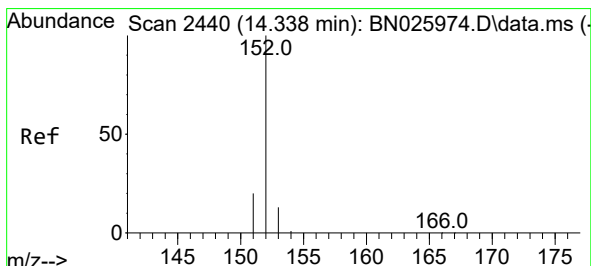
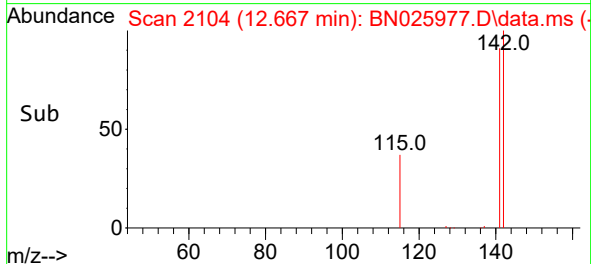
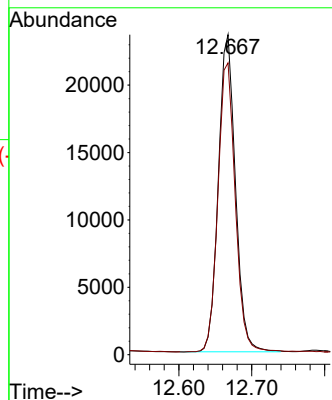
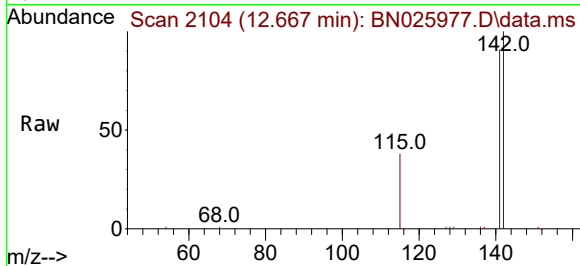




#8
1-Methylnaphthalene
Concen: 0.871 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

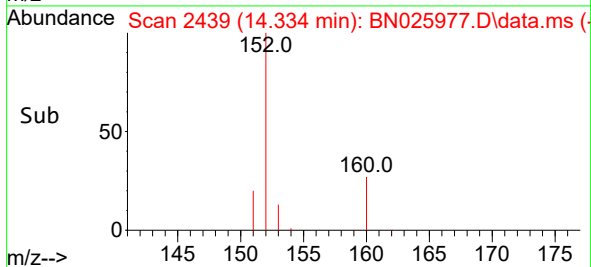
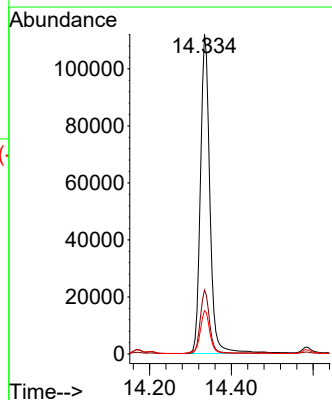
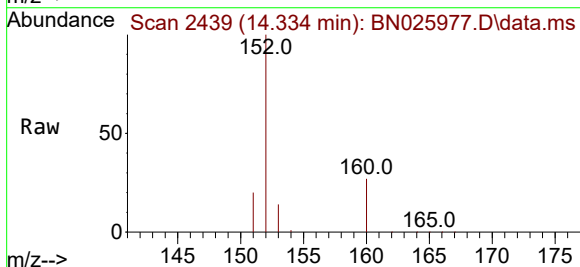
Instrument :
BNA_N
ClientSampleId :
DCFJ9

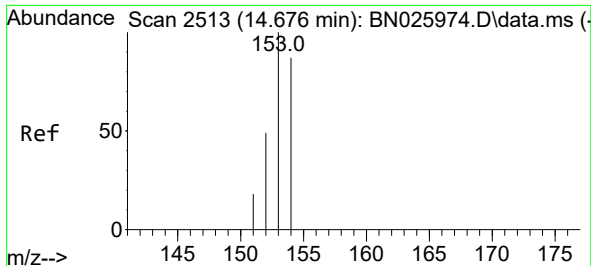
Tgt Ion:142 Resp: 38368
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4



#10
Acenaphthylene
Concen: 2.584 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Tgt Ion:152 Resp: 179439
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.5 10.9 16.3

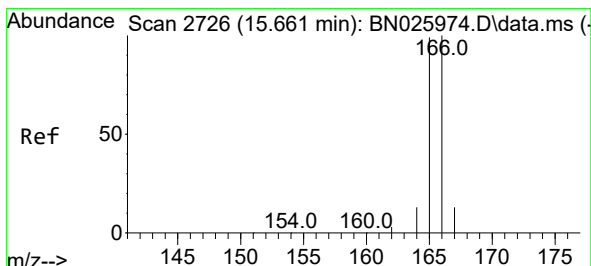
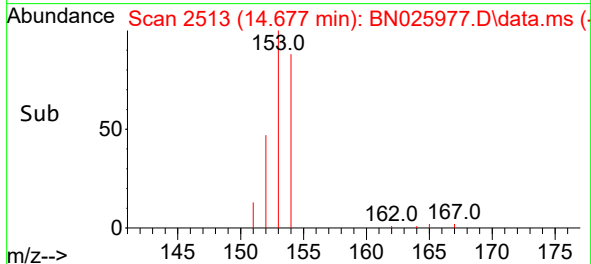
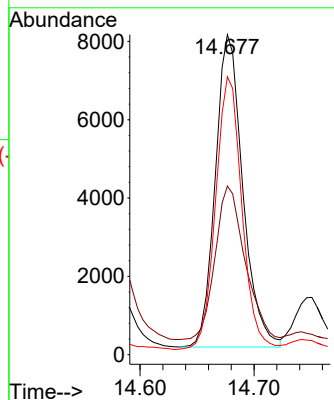
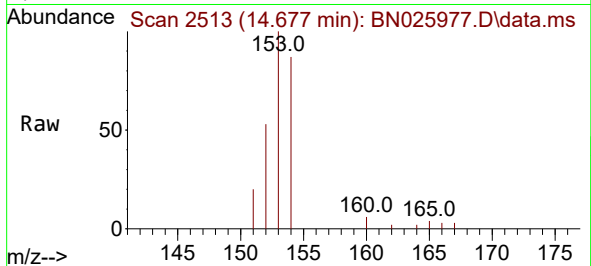




#11
Acenaphthene
Concen: 0.235 ng/ul
RT: 14.677 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

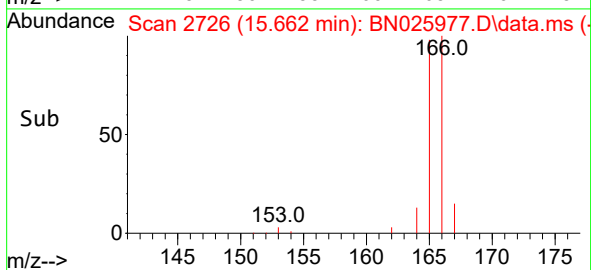
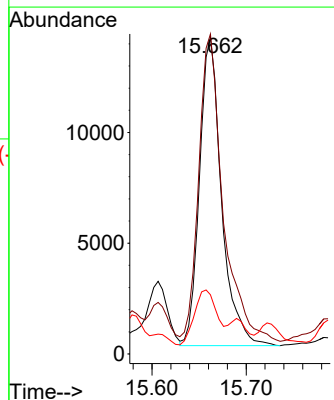
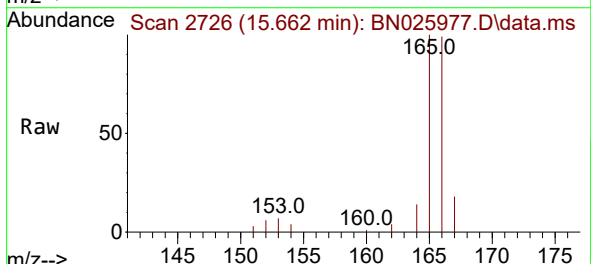
Instrument :
BNA_N
ClientSampleId :
DCFJ9

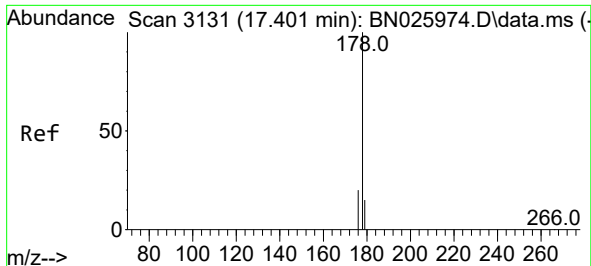
Tgt Ion:153 Resp: 13349
Ion Ratio Lower Upper
153 100
152 52.7 39.4 59.0
154 86.8 68.9 103.3



#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Tgt Ion:166 Resp: 22543
Ion Ratio Lower Upper
166 100
165 101.1 79.9 119.9
167 18.7 10.8 16.2#

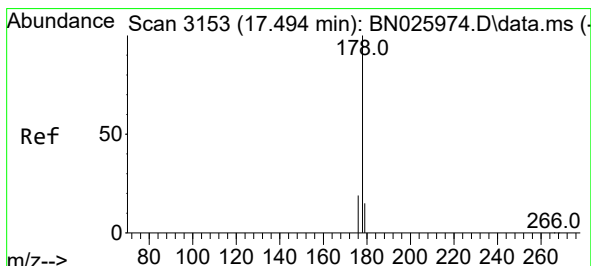
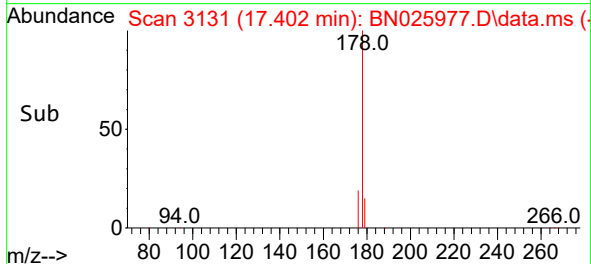
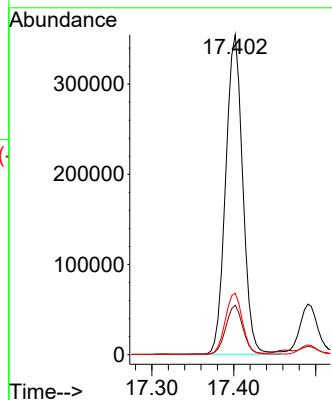
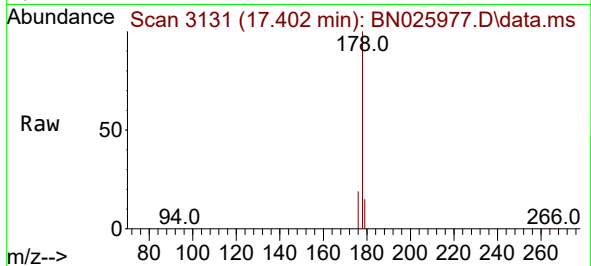




#15
Phenanthrene
Concen: 4.878 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

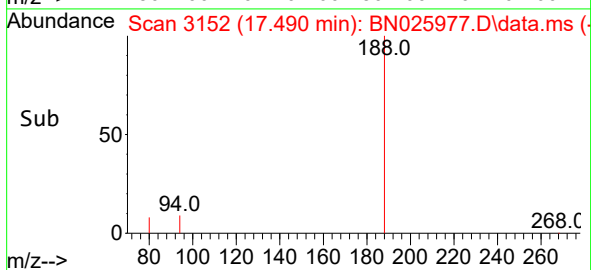
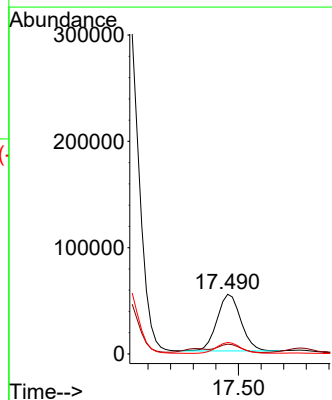
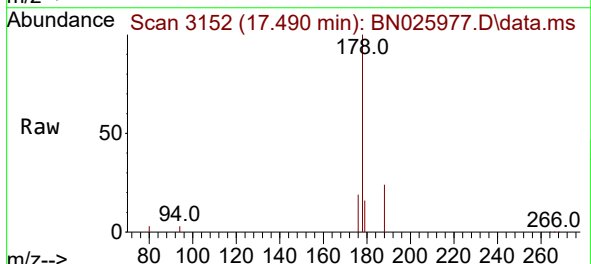
Instrument :
BNA_N
ClientSampleId :
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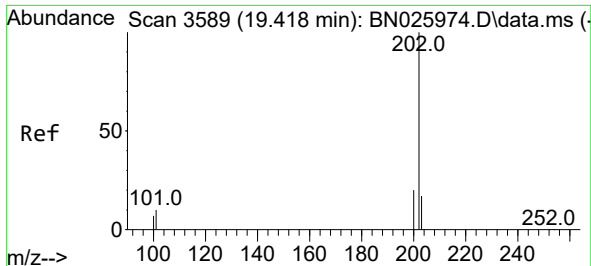
Tgt Ion:178 Resp: 513266
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.8 23.6



#16
Anthracene
Concen: 0.829 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Tgt Ion:178 Resp: 77520
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.4 15.1 22.7





#19

Fluoranthene

Concen: 10.793 ng/ul

RT: 19.415 min Scan# 3589

Delta R.T. -0.005 min

Lab File: BN025977.D

Acq: 23 Jun 2023 20:51

Instrument :

BNA_N

ClientSampleId :

DCFJ9

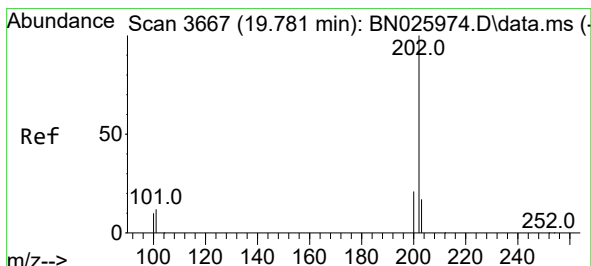
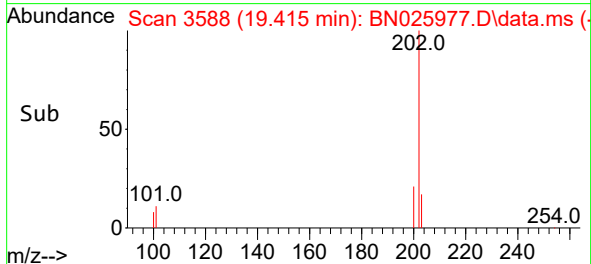
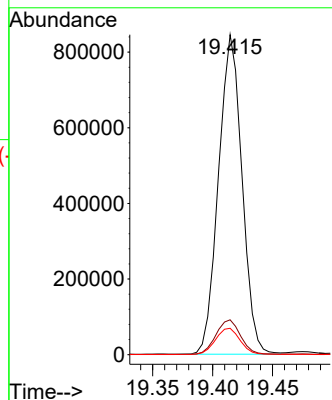
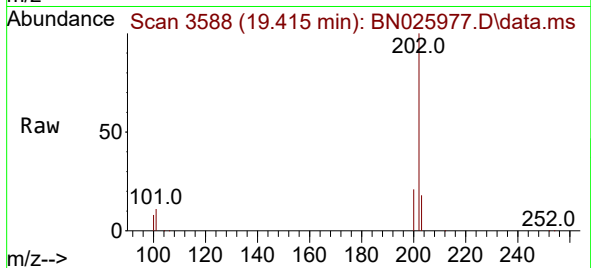
Tgt Ion:202 Resp: 1153687

Ion Ratio Lower Upper

202 100

101 10.9 9.5 14.3

100 8.2 7.3 10.9



#20

Pyrene

Concen: 4.856 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN025977.D

Acq: 23 Jun 2023 20:51

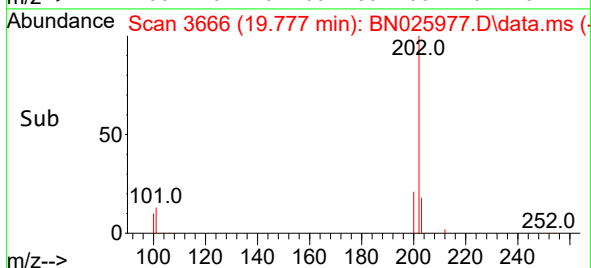
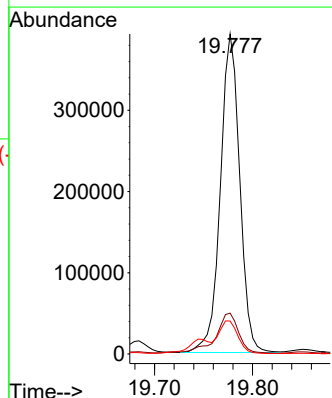
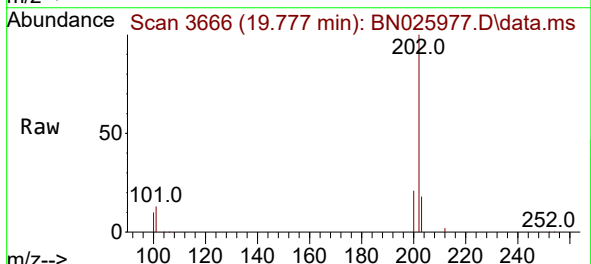
Tgt Ion:202 Resp: 539869

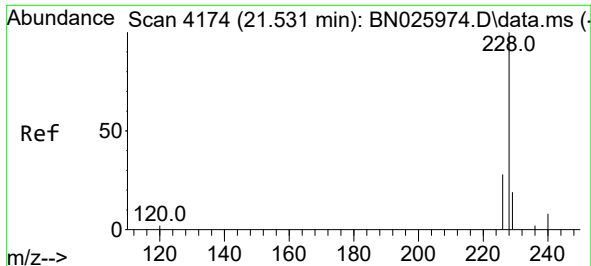
Ion Ratio Lower Upper

202 100

101 12.7 11.4 17.0

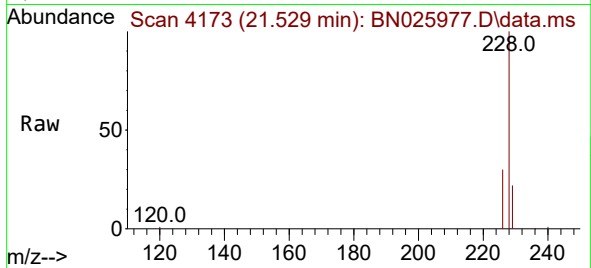
100 10.3 9.1 13.7



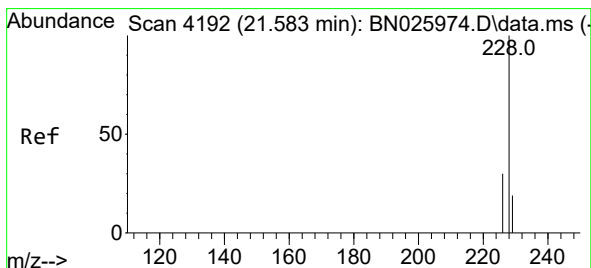
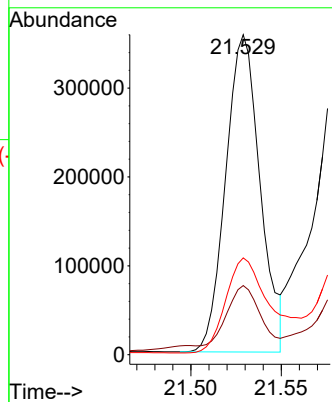
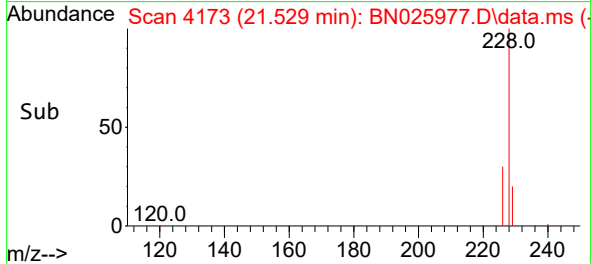


#21
Benzo(a)anthracene
Concen: 5.729 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Instrument :
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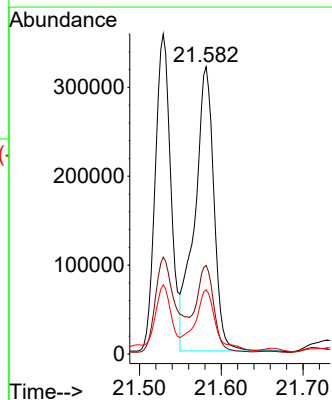
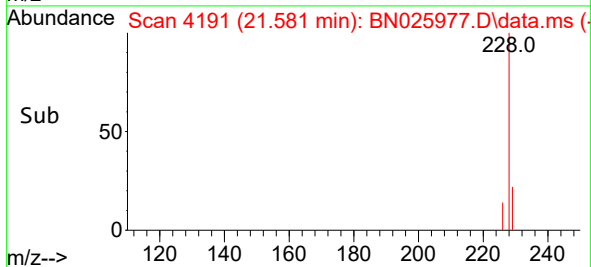
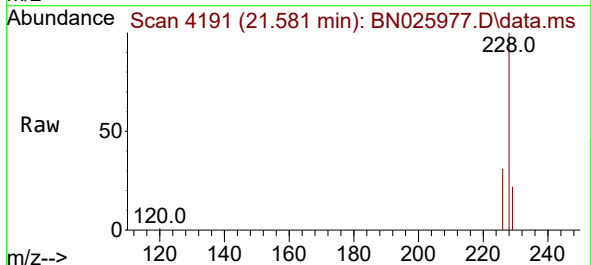


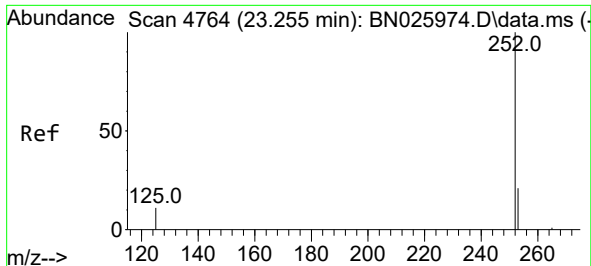
Tgt Ion:228 Resp: 472959
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 30.3 22.5 33.7



#22
Chrysene
Concen: 6.122 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

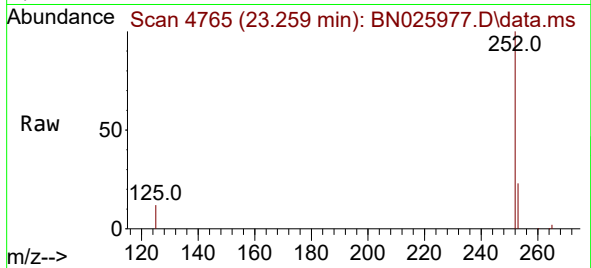
Tgt Ion:228 Resp: 525906
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.3 15.7 23.5



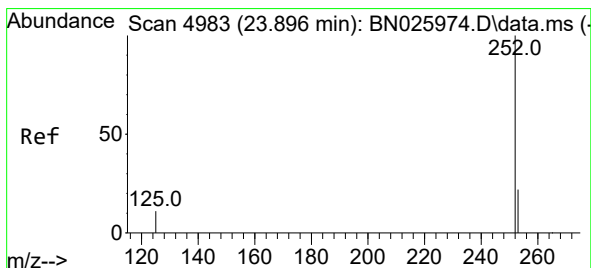
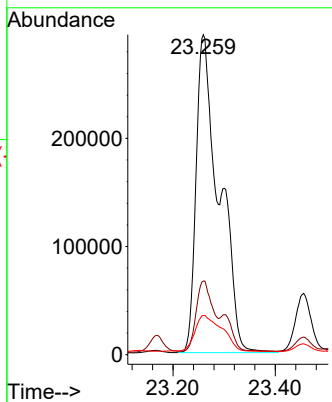
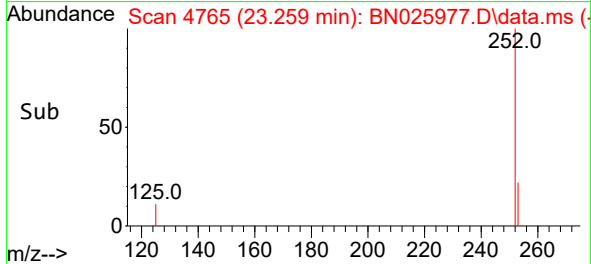


#24
Benzo(b)fluoranthene
Concen: 13.504 ng/ul
RT: 23.259 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Instrument :
BNA_N
ClientSampleId :
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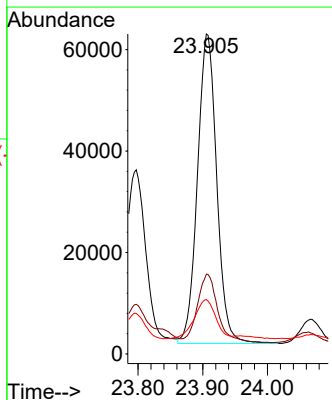
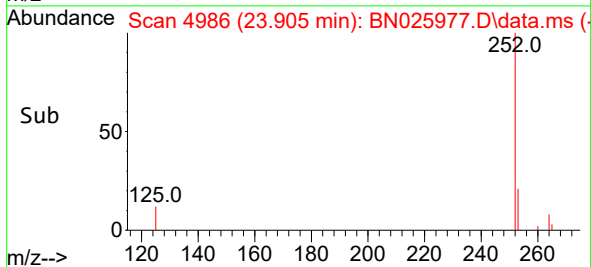
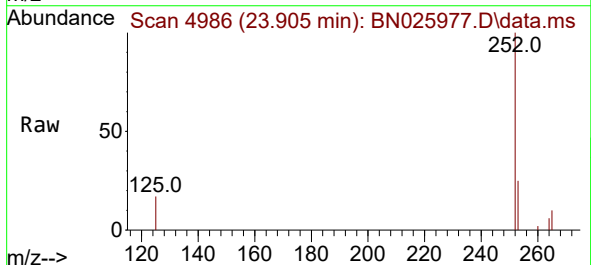


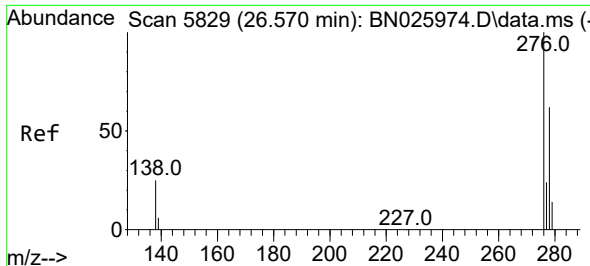
Tgt Ion:252 Resp: 920075
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 12.3 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.132 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

Tgt Ion:252 Resp: 126174
Ion Ratio Lower Upper
252 100
253 24.9 26.0 39.0#
125 17.0 17.3 25.9#

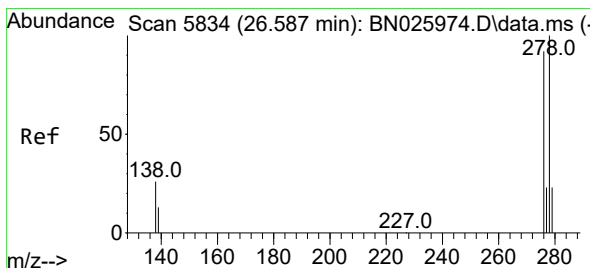
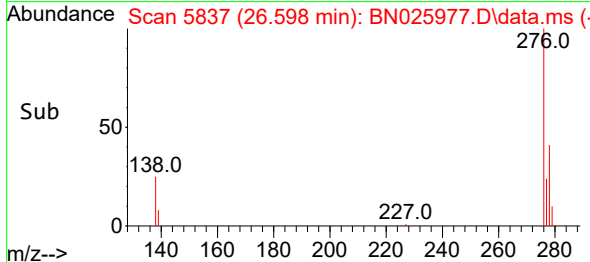
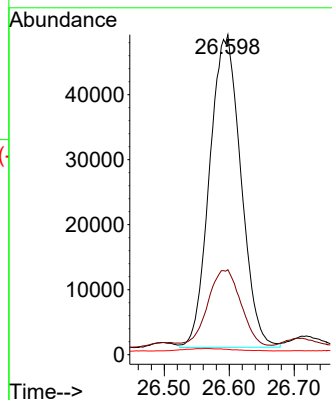
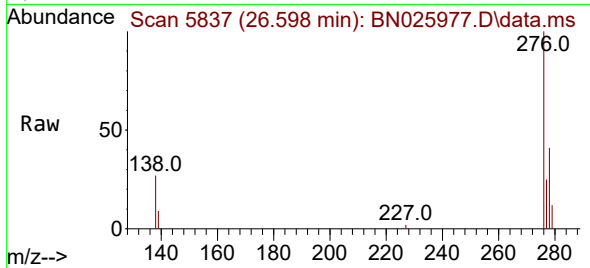




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.483 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

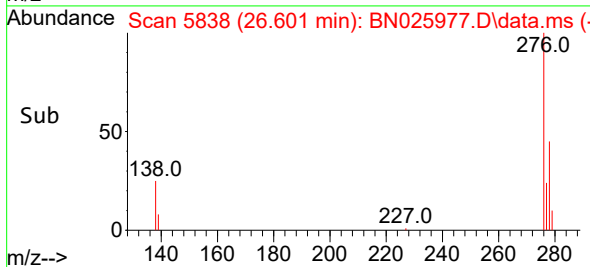
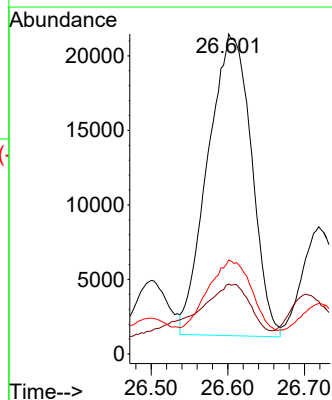
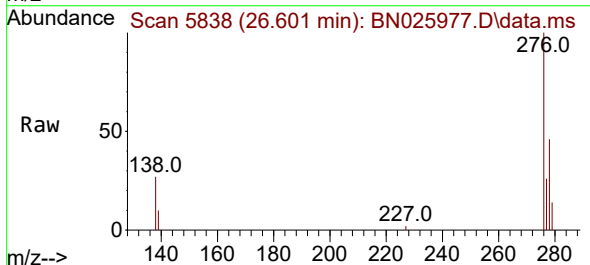
Instrument :
BNA_N
ClientSampleId :
DCFJ9

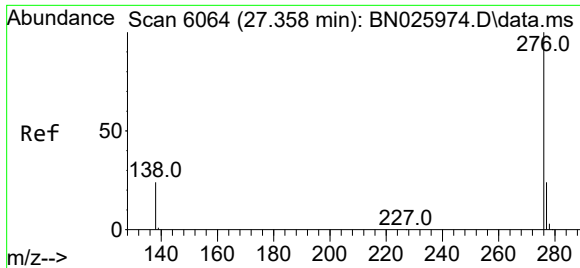
Tgt Ion:276 Resp: 160495
Ion Ratio Lower Upper
276 100
138 26.4 24.5 36.7
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 1.634 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. -0.020 min
Lab File: BN025977.D
Acq: 23 Jun 2023 20:51

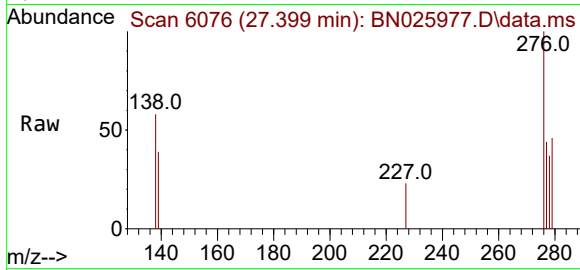
Tgt Ion:278 Resp: 79909
Ion Ratio Lower Upper
278 100
139 21.9 19.0 28.4
279 29.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.113 ng/ul
 RT: 27.399 min Scan# 6076
 Delta R.T. 0.013 min
 Lab File: BN025977.D
 Acq: 23 Jun 2023 20:51

Instrument :
 BNA_N
 ClientSampleId :
 DCFJ9



Tgt Ion: 276 Resp: 6469

Ion	Ratio	Lower	Upper
276	100		
138	58.4	23.4	35.0#
277	44.0	20.0	30.0#

