

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025260.D
 Acq On : 04 May 2023 03:28
 Operator : CG/JU
 Sample : 02447-02DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW907DL

Quant Time: May 04 04:33:15 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

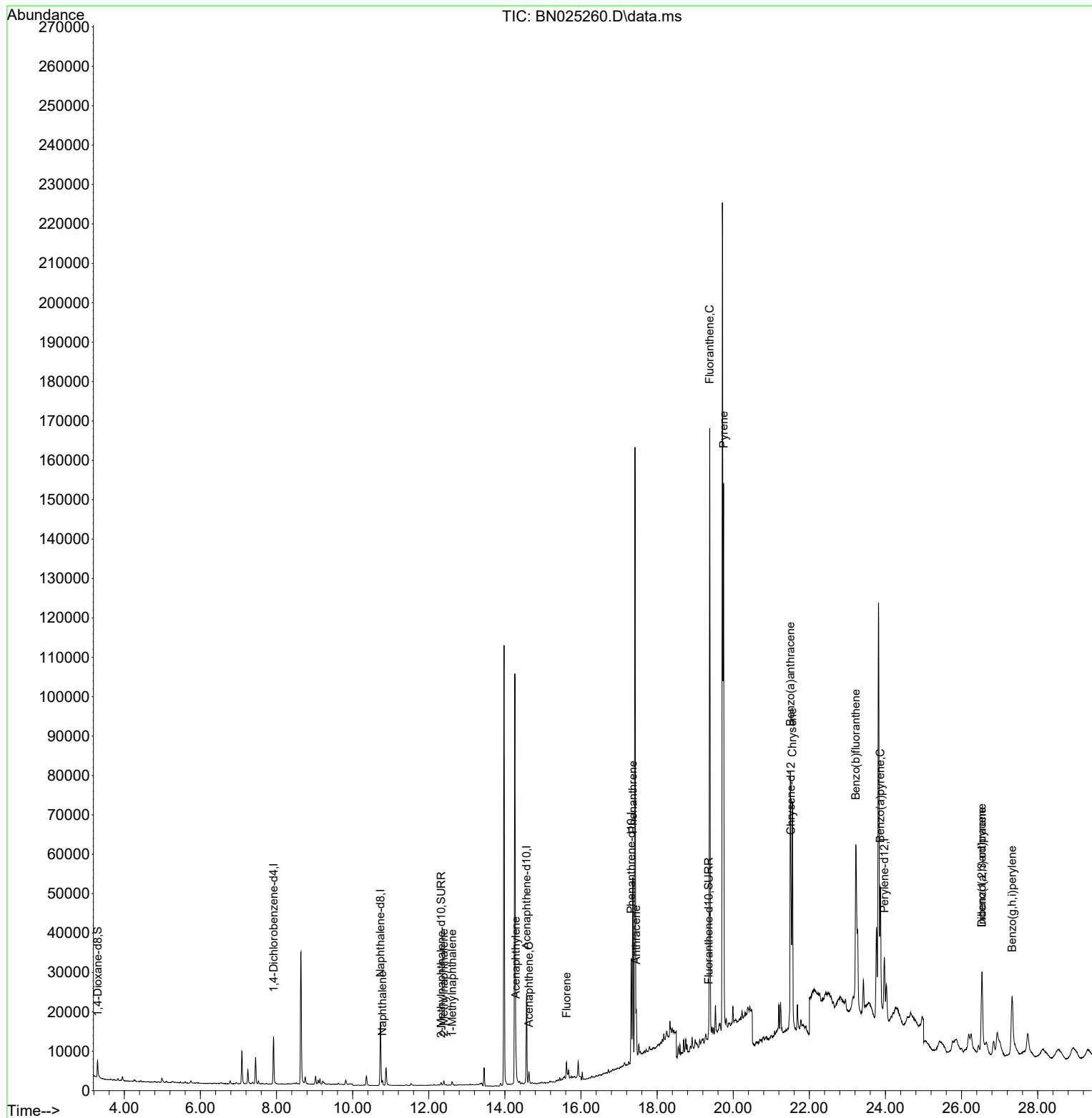
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	6246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	21003	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	12467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	27864	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.519	240	20109	0.400	ng/ul	# 0.01
23) Perylene-d12	23.972	264	18830	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2712	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	922	0.034	ng/ul	0.02
18) Fluoranthene-d10	19.353	212	2282	0.043	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.780	128	1669	0.031	ng/ul#	82
7) 2-Methylnaphthalene	12.397	142	920	0.028	ng/ul	99
8) 1-Methylnaphthalene	12.617	142	703	0.020	ng/ul	98
10) Acenaphthylene	14.287	152	13548	0.292	ng/ul	94
11) Acenaphthene	14.630	153	2196	0.056	ng/ul#	90
12) Fluorene	15.620	166	3283	0.075	ng/ul#	84
15) Phenanthrene	17.363	178	51021	0.649	ng/ul	96
16) Anthracene	17.452	178	11982	0.186	ng/ul#	81
19) Fluoranthene	19.381	202	133120	1.831	ng/ul	98
20) Pyrene	19.748	202	115801	1.550	ng/ul	99
21) Benzo(a)anthracene	21.502	228	53575	0.884	ng/ul#	88
22) Chrysene	21.554	228	59918	0.906	ng/ul#	88
24) Benzo(b)fluoranthene	23.220	252	92847	1.215	ng/ul#	70
26) Benzo(a)pyrene	23.863	252	42397	0.671	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.536	276	30431	0.418	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.536	278	7548	0.133	ng/ul#	1
29) Benzo(g,h,i)perylene	27.328	276	30731	0.496	ng/ul#	76

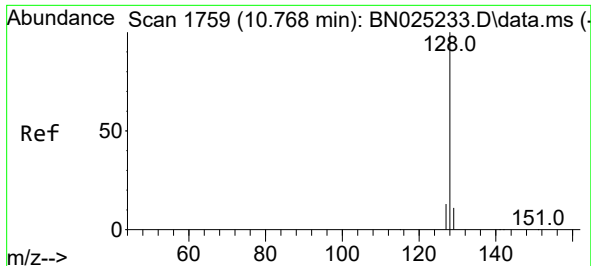
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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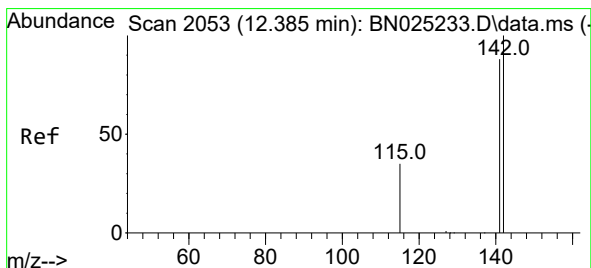
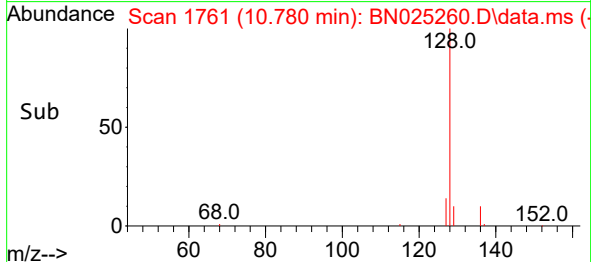
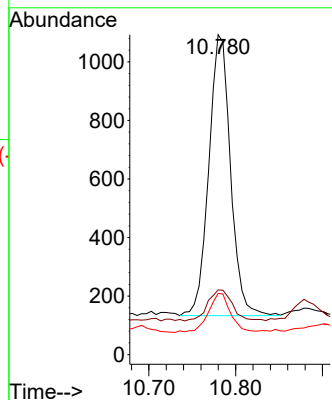
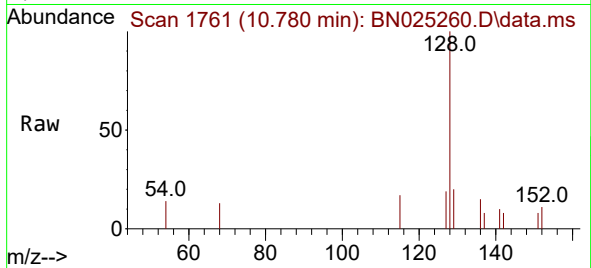




#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.780 min Scan# 1761
Delta R.T. 0.011 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

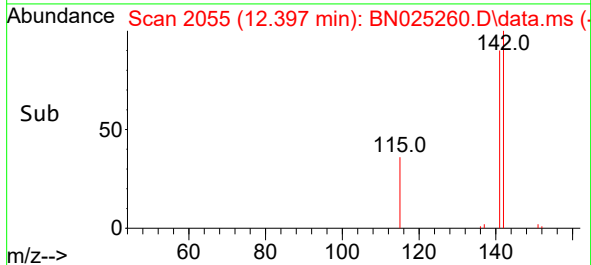
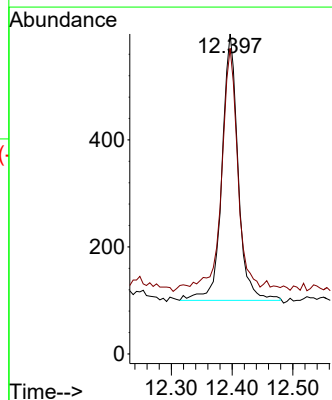
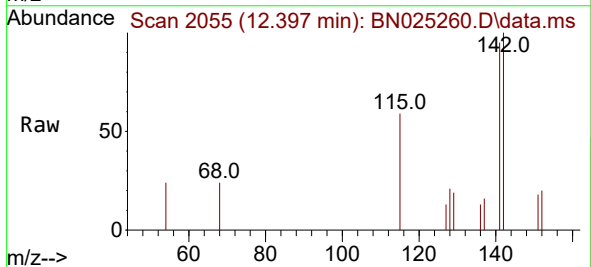
Instrument :
BNA_N
ClientSampleId :
EW907DL

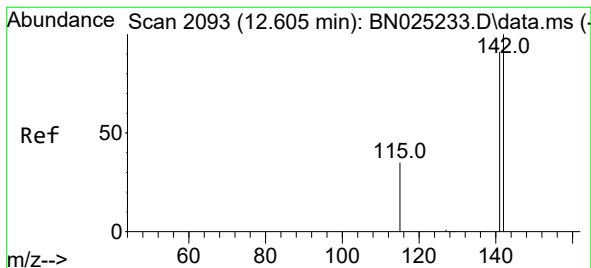
Tgt Ion:128 Resp: 1669
Ion Ratio Lower Upper
128 100
129 20.2 9.0 13.6#
127 19.1 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.397 min Scan# 2055
Delta R.T. 0.011 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

Tgt Ion:142 Resp: 920
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.617 min Scan# 2095

Delta R.T. 0.011 min

Lab File: BN025260.D

Acq: 04 May 2023 03:28

Instrument :

BNA_N

ClientSampleId :

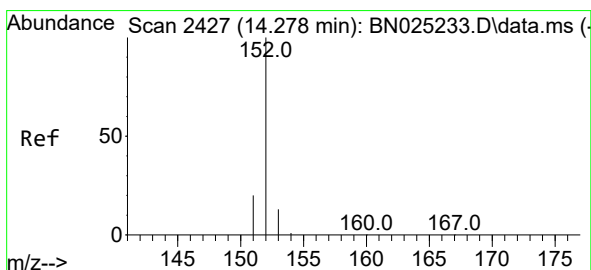
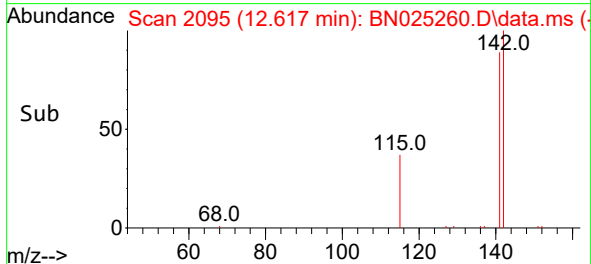
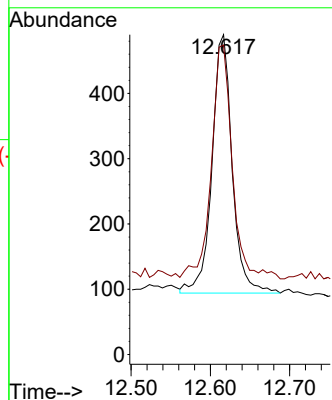
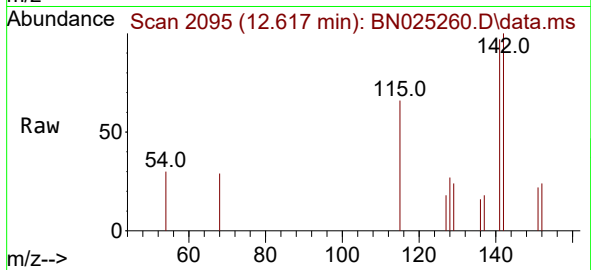
EW907DL

Tgt Ion:142 Resp: 703

Ion Ratio Lower Upper

142 100

141 94.0 73.8 110.6



#10

Acenaphthylene

Concen: 0.292 ng/ul

RT: 14.287 min Scan# 2429

Delta R.T. 0.010 min

Lab File: BN025260.D

Acq: 04 May 2023 03:28

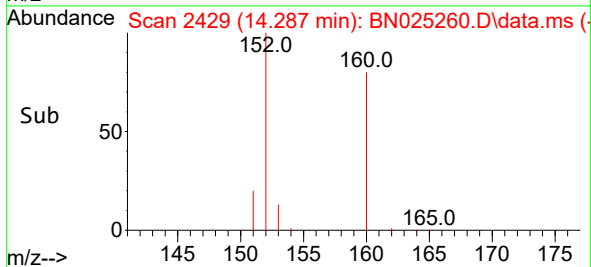
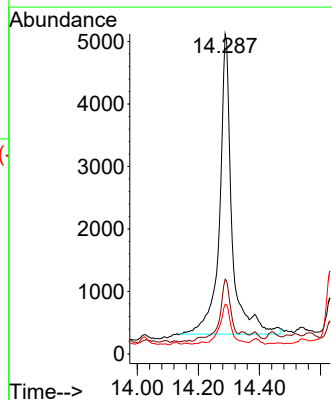
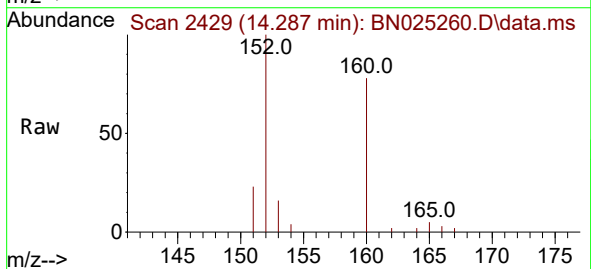
Tgt Ion:152 Resp: 13548

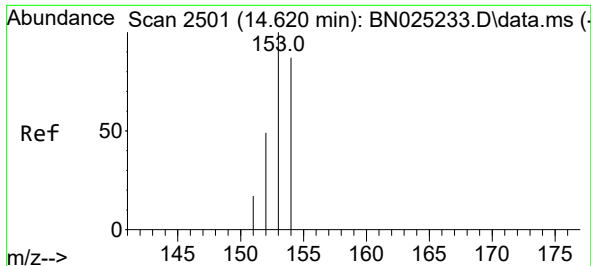
Ion Ratio Lower Upper

152 100

151 23.4 16.0 24.0

153 15.5 10.8 16.2

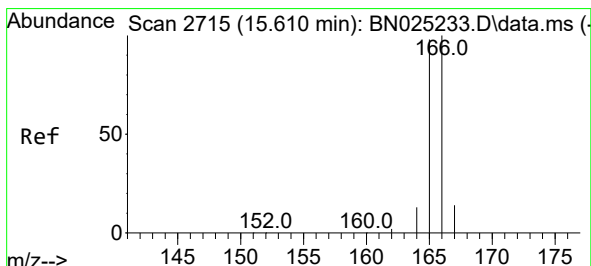
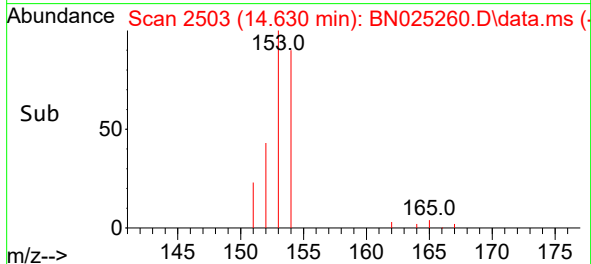
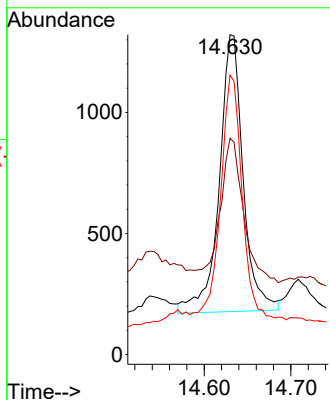
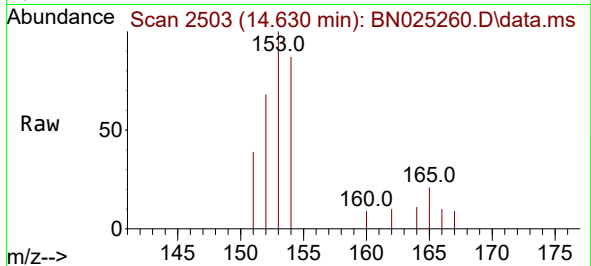




#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.630 min Scan# 2196
Delta R.T. 0.010 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

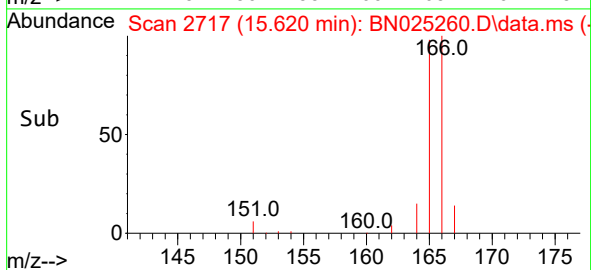
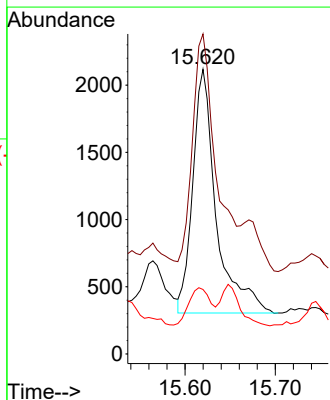
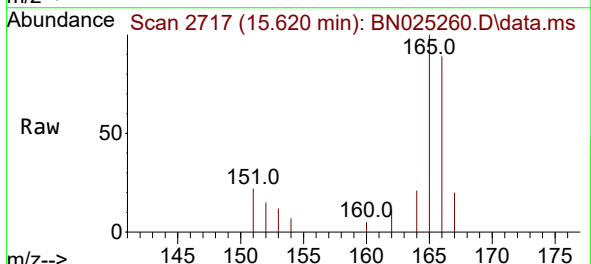
Instrument :
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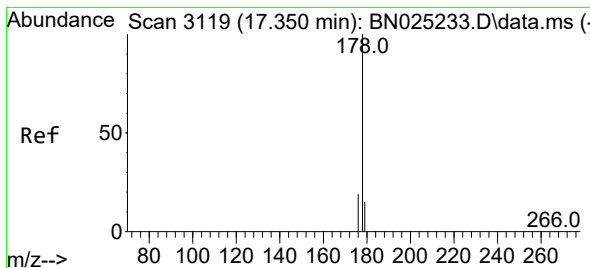
Tgt Ion:153 Resp: 2196
Ion Ratio Lower Upper
153 100
152 67.6 40.2 60.4#
154 87.4 69.4 104.2



#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.620 min Scan# 2717
Delta R.T. 0.010 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

Tgt Ion:166 Resp: 3283
Ion Ratio Lower Upper
166 100
165 112.4 78.1 117.1
167 22.7 11.0 16.6#





#15

Phenanthrene

Concen: 0.649 ng/ul

RT: 17.363 min Scan# 3119

Delta R.T. 0.013 min

Lab File: BN025260.D

Acq: 04 May 2023 03:28

Instrument :

BNA_N

ClientSampleId :

EW907DL

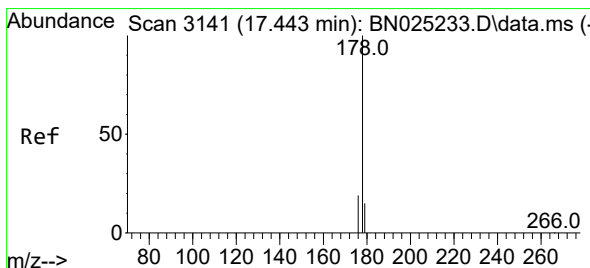
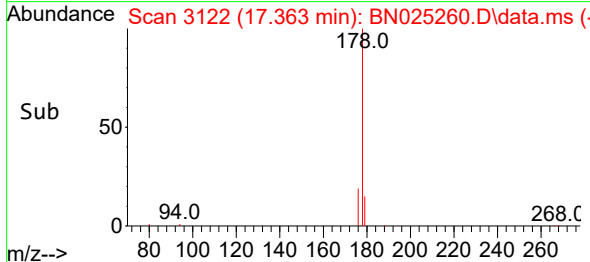
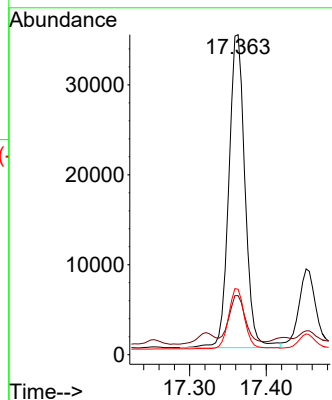
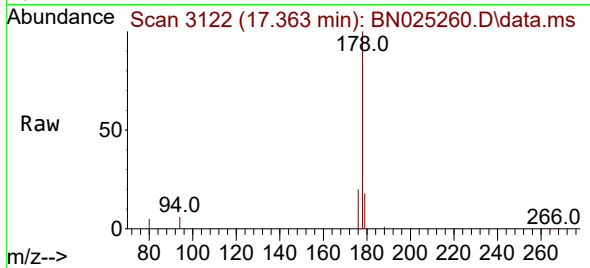
Tgt Ion:178 Resp: 51021

Ion Ratio Lower Upper

178 100

179 18.4 12.5 18.7

176 20.4 15.6 23.4



#16

Anthracene

Concen: 0.186 ng/ul

RT: 17.452 min Scan# 3143

Delta R.T. 0.009 min

Lab File: BN025260.D

Acq: 04 May 2023 03:28

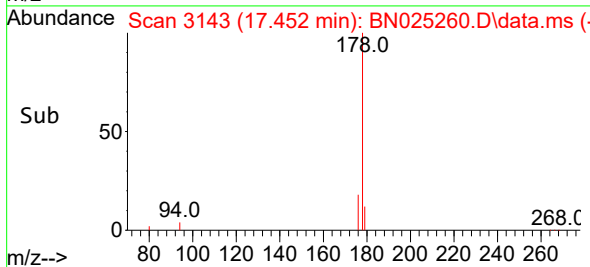
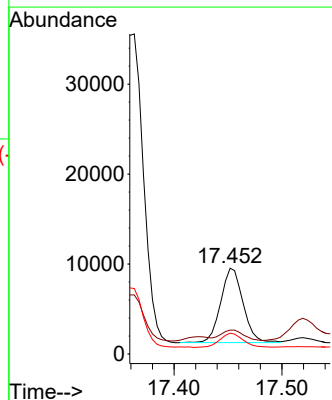
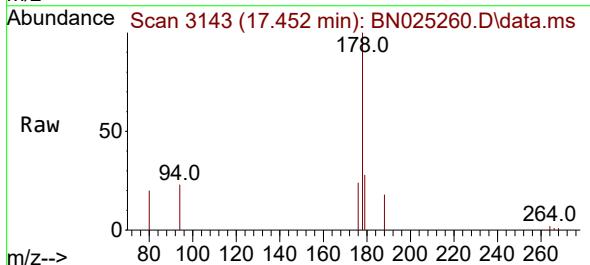
Tgt Ion:178 Resp: 11982

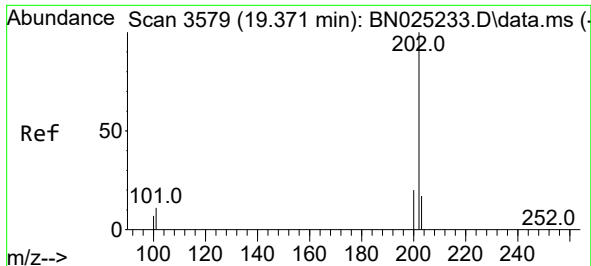
Ion Ratio Lower Upper

178 100

179 27.7 12.7 19.1#

176 24.3 15.3 22.9#

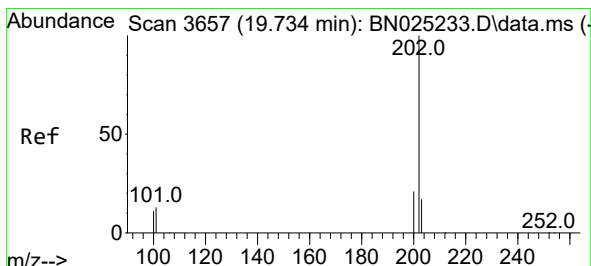
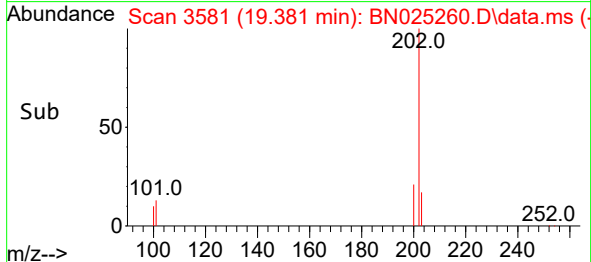
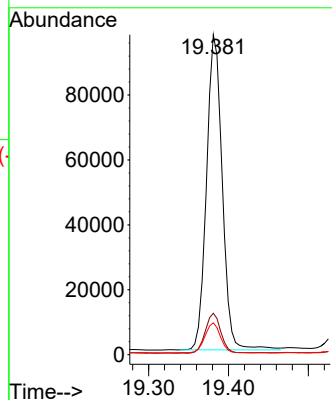
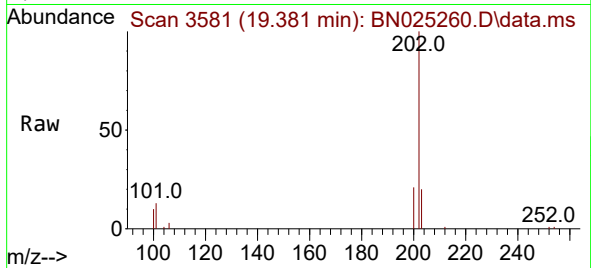




#19
Fluoranthene
Concen: 1.831 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. 0.010 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

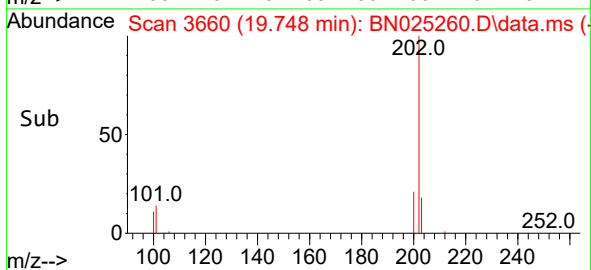
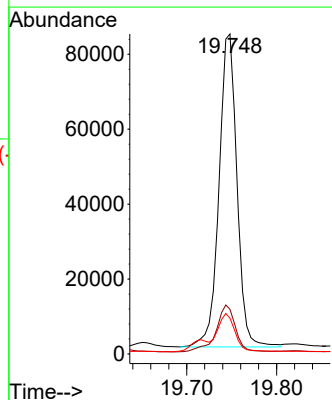
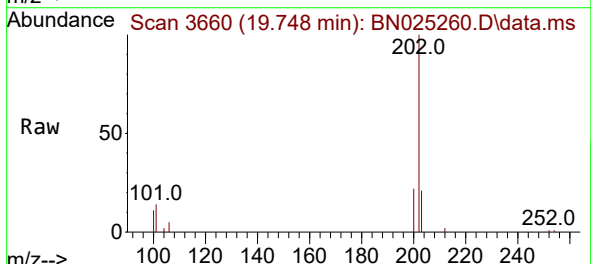
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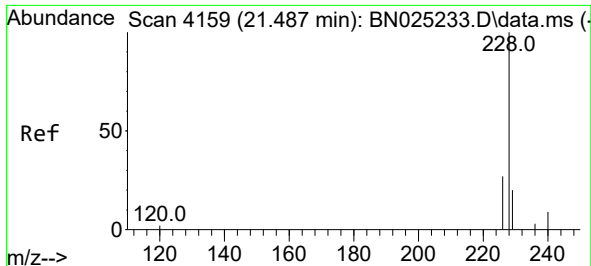
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Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 10.0 7.3 10.9



#20
Pyrene
Concen: 1.550 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. 0.014 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

Tgt Ion:202 Resp: 115801
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.2 9.2 13.8

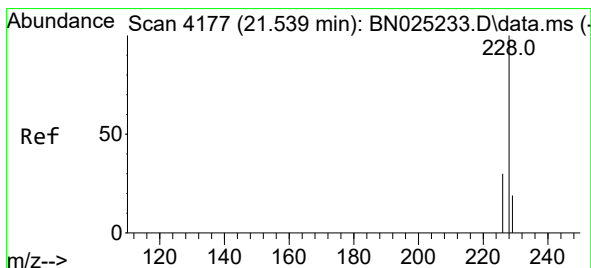
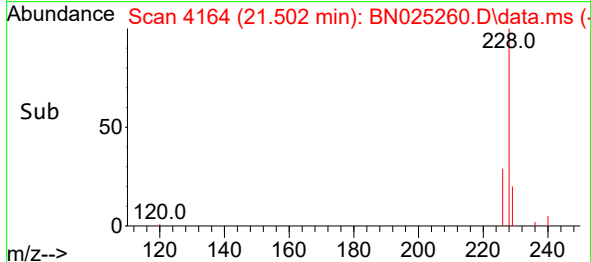
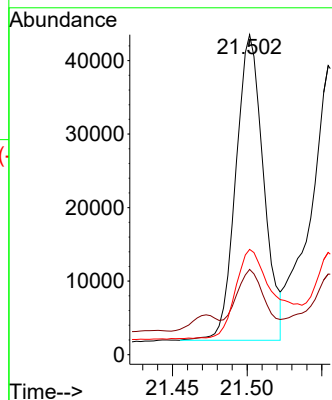
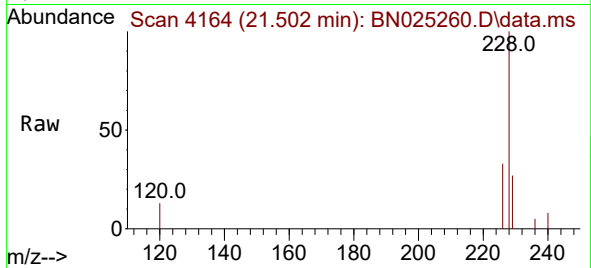




#21
Benzo(a)anthracene
Concen: 0.884 ng/ul
RT: 21.502 min Scan# 4116
Delta R.T. 0.015 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

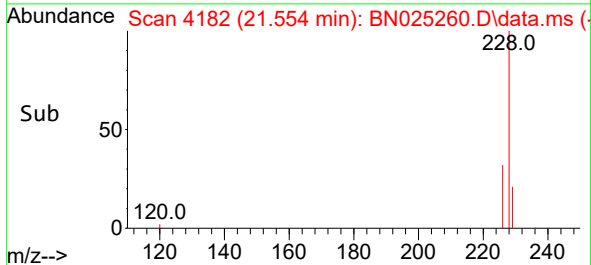
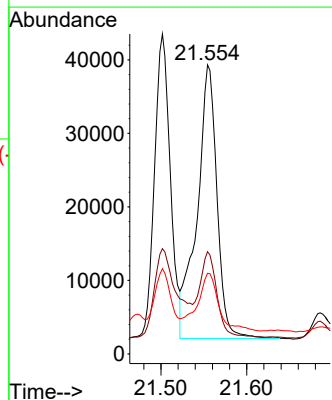
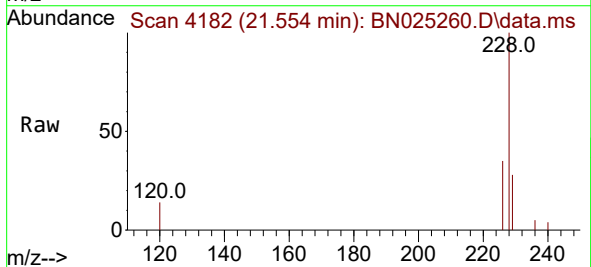
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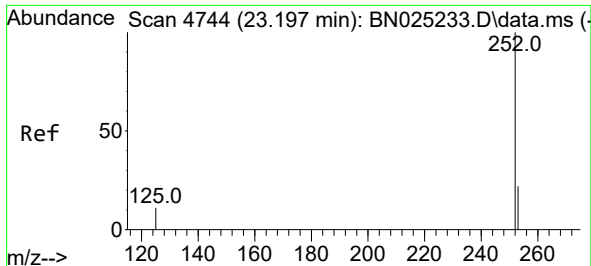
Tgt Ion:228 Resp: 53575
Ion Ratio Lower Upper
228 100
229 26.7 15.6 23.4#
226 32.9 22.1 33.1



#22
Chrysene
Concen: 0.906 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.015 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

Tgt Ion:228 Resp: 59918
Ion Ratio Lower Upper
228 100
226 35.3 24.5 36.7
229 27.9 15.8 23.6#

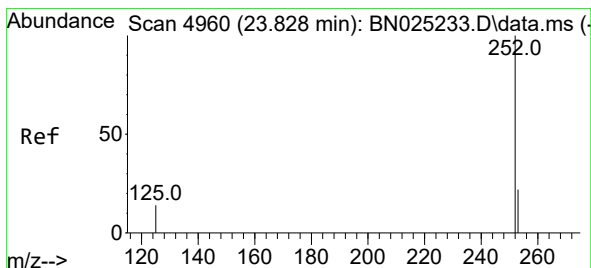
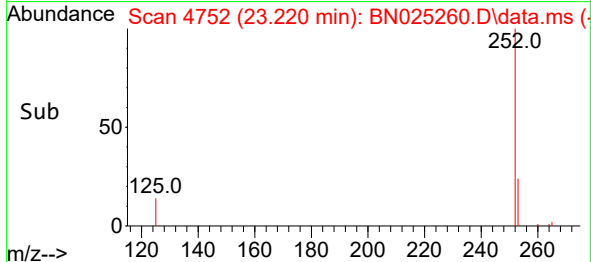
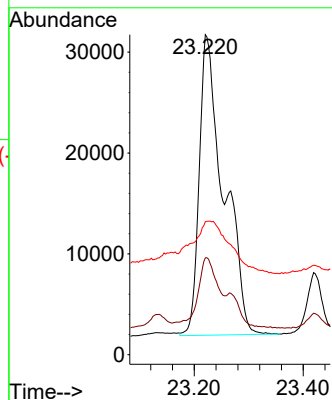
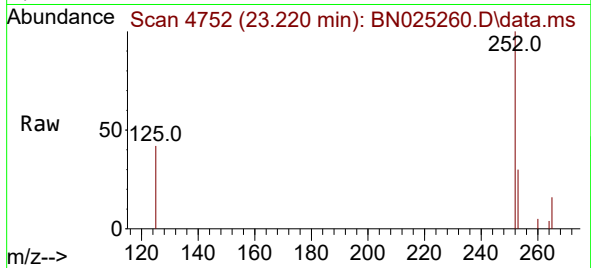




#24
Benzo(b)fluoranthene
Concen: 1.215 ng/ul
RT: 23.220 min Scan# 41
Delta R.T. 0.024 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

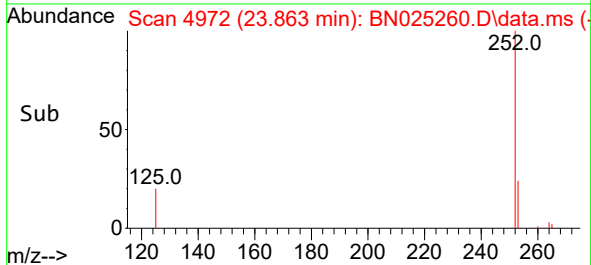
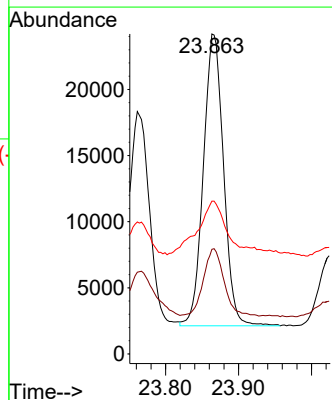
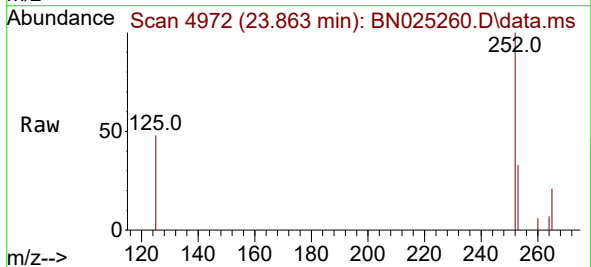
Instrument :
BNA_N
ClientSampleId :
EW907DL

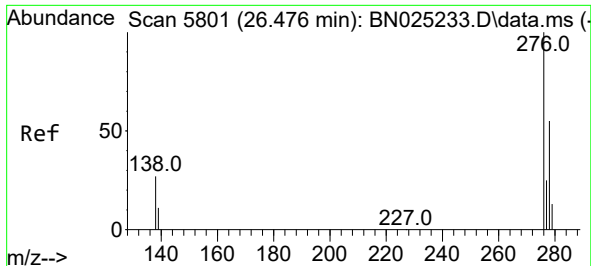
Tgt Ion:252 Resp: 92847
Ion Ratio Lower Upper
252 100
253 30.3 0.0 50.2
125 41.5 0.0 30.4#



#26
Benzo(a)pyrene
Concen: 0.671 ng/ul
RT: 23.863 min Scan# 4972
Delta R.T. 0.035 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

Tgt Ion:252 Resp: 42397
Ion Ratio Lower Upper
252 100
253 32.7 21.4 32.2#
125 47.7 14.6 22.0#

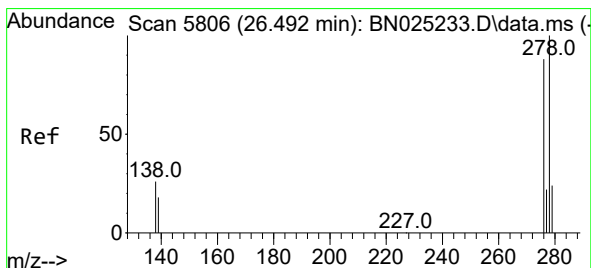
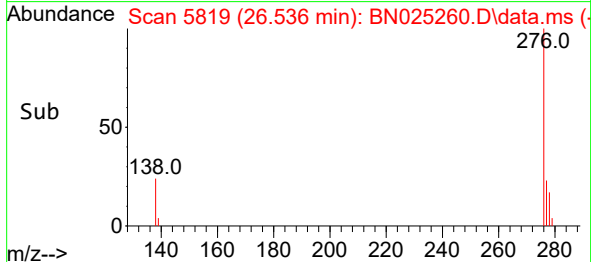
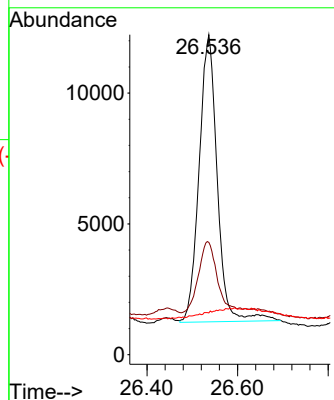
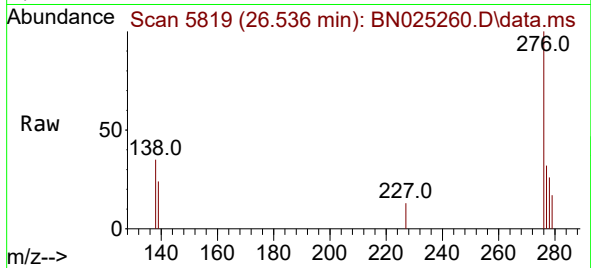




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.418 ng/ul
 RT: 26.536 min Scan# 5819
 Delta R.T. 0.061 min
 Lab File: BN025260.D
 Acq: 04 May 2023 03:28

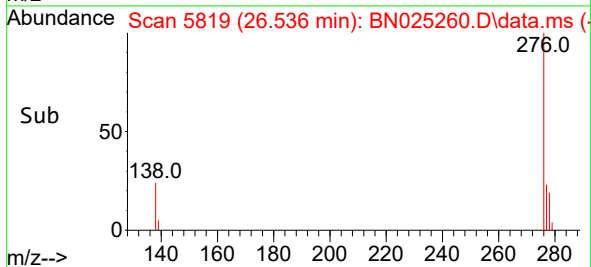
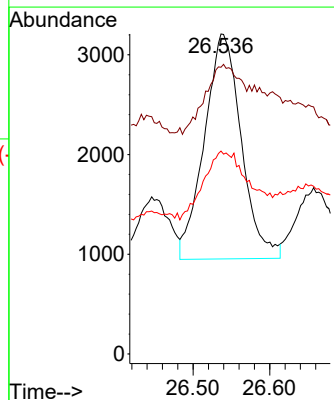
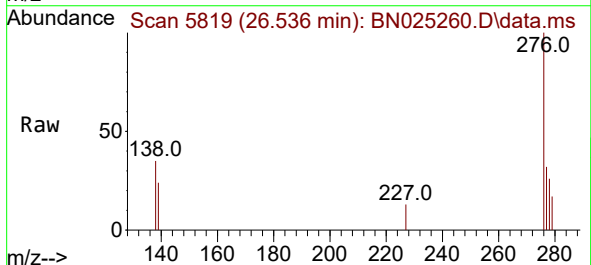
Instrument :
 BNA_N
 ClientSampleId :
 EW907DL

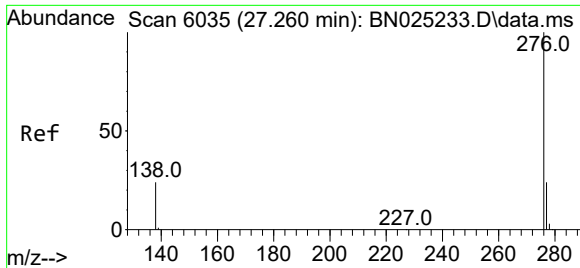
Tgt Ion:276 Resp: 30431
 Ion Ratio Lower Upper
 276 100
 138 29.8 21.9 32.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.133 ng/ul
 RT: 26.536 min Scan# 5819
 Delta R.T. 0.044 min
 Lab File: BN025260.D
 Acq: 04 May 2023 03:28

Tgt Ion:278 Resp: 7548
 Ion Ratio Lower Upper
 278 100
 139 89.6 17.0 25.6#
 279 63.4 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.496 ng/ul
RT: 27.328 min Scan# 6055
Delta R.T. 0.067 min
Lab File: BN025260.D
Acq: 04 May 2023 03:28

Instrument :
BNA_N
ClientSampleId :
EW907DL

Tgt Ion:276 Resp: 30731
Ion Ratio Lower Upper
276 100
138 38.8 20.3 30.5#
277 35.0 19.8 29.6#

