

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027900.D
 Acq On : 27 Sep 2023 15:32
 Operator : MA/JU
 Sample : 04472-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK8

Quant Time: Sep 28 00:01:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

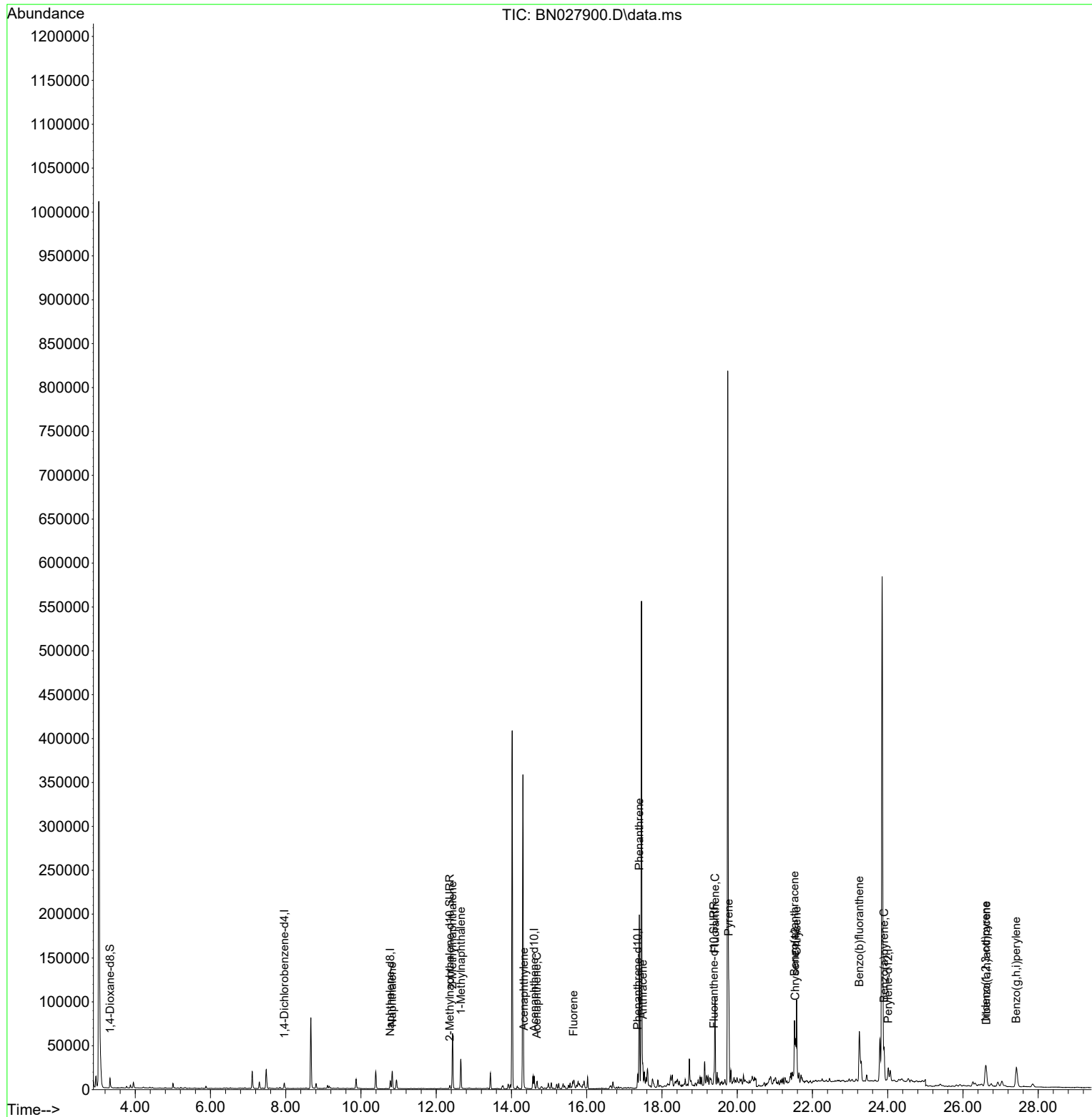
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	11658	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	8133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	17724	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	17492	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	18868	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	7735	2.011	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4356	0.247	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	12718	0.238	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.828	128	27039	0.812	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	42972	2.033	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	23692	1.086	ng/ul	99
10) Acenaphthylene	14.328	152	2882	0.081	ng/ul#	75
11) Acenaphthene	14.671	153	3892	0.127	ng/ul#	78
12) Fluorene	15.651	166	6305	0.175	ng/ul#	92
15) Phenanthrene	17.397	178	200865	3.606	ng/ul	98
16) Anthracene	17.489	178	23221	0.498	ng/ul#	96
19) Fluoranthene	19.408	202	86561	1.224	ng/ul	97
20) Pyrene	19.776	202	90262	1.239	ng/ul	96
21) Benzo(a)anthracene	21.522	228	53515	0.791	ng/ul#	84
22) Chrysene	21.580	228	73415	1.050	ng/ul#	85
24) Benzo(b)fluoranthene	23.246	252	125906	1.497	ng/ul	99
26) Benzo(a)pyrene	23.901	252	53493	0.791	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.603	276	43504	0.502	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.623	278	14686	0.210	ng/ul#	58
29) Benzo(g,h,i)perylene	27.418	276	51045	0.693	ng/ul	99

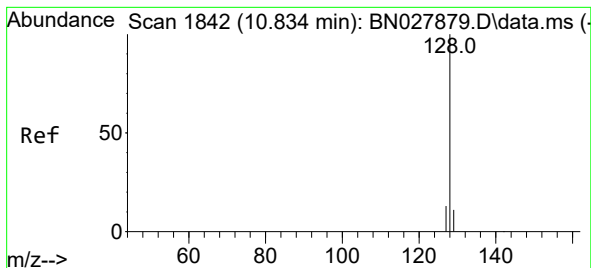
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
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#5

Naphthalene

Concen: 0.812 ng/ul

RT: 10.828 min Scan# 1841

Delta R.T. -0.005 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EZYK8

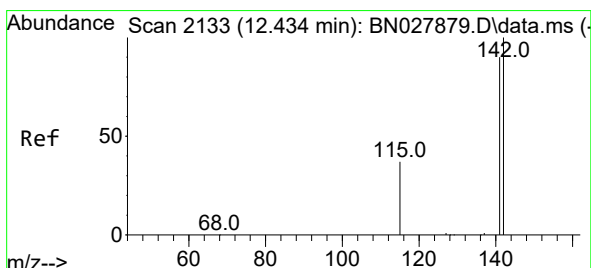
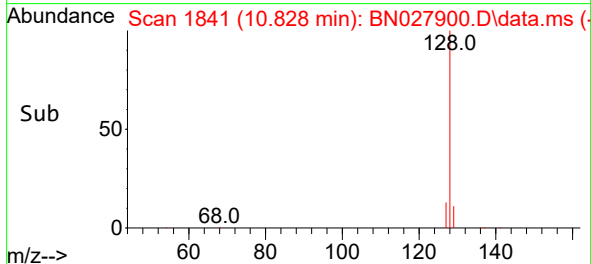
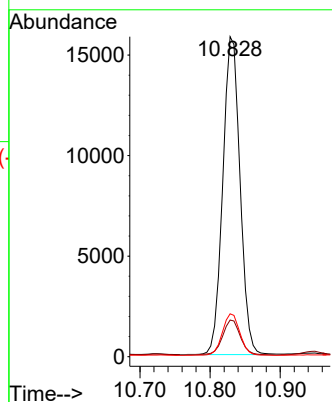
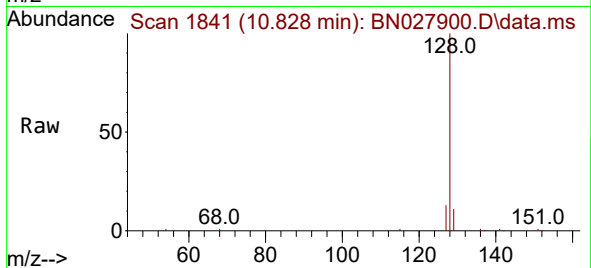
Tgt Ion:128 Resp: 27039

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 2.033 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BN027900.D

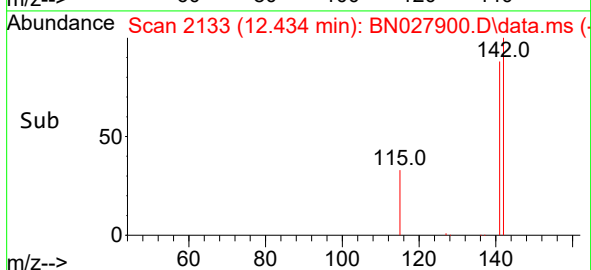
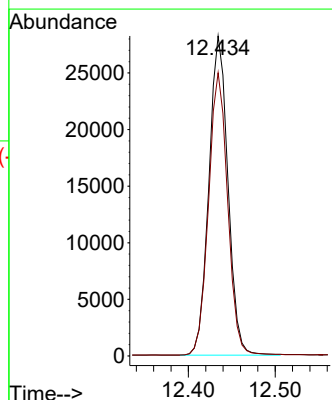
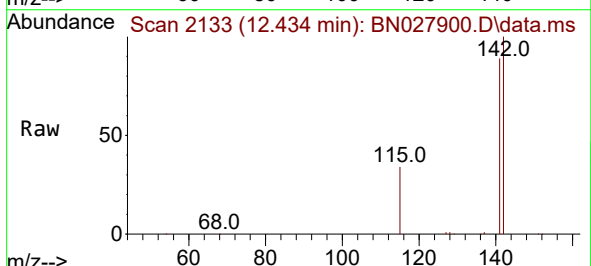
Acq: 27 Sep 2023 15:32

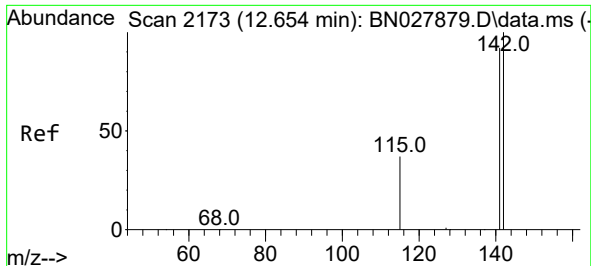
Tgt Ion:142 Resp: 42972

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7

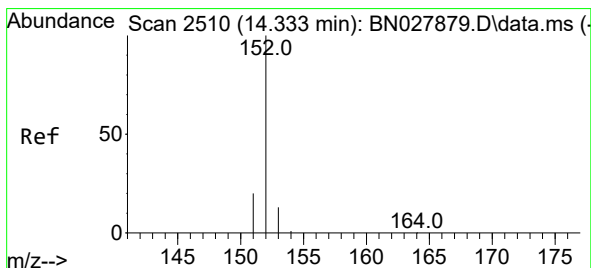
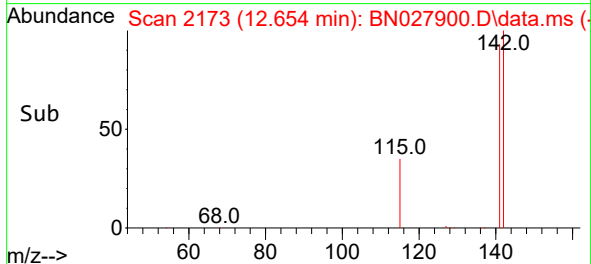
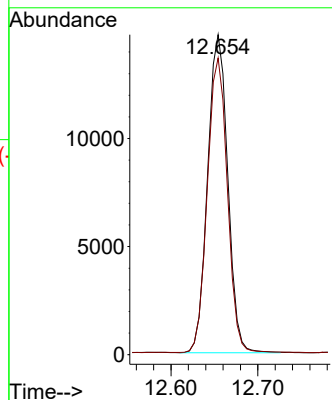
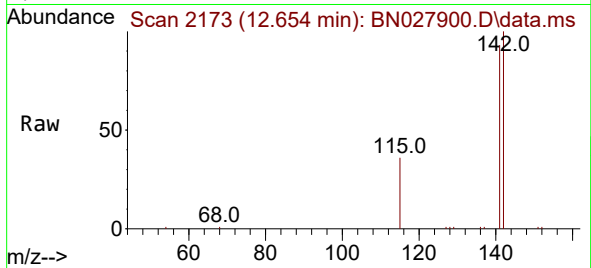




#8
1-Methylnaphthalene
Concen: 1.086 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

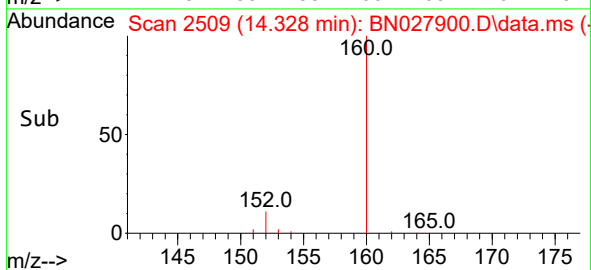
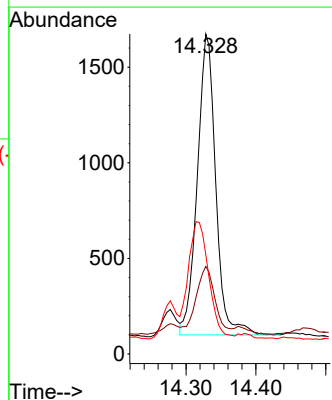
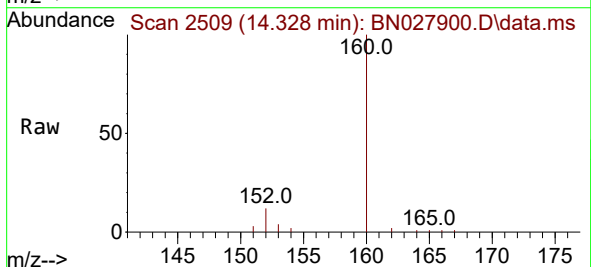
Instrument :
BNA_N
ClientSampleId :
EZYK8

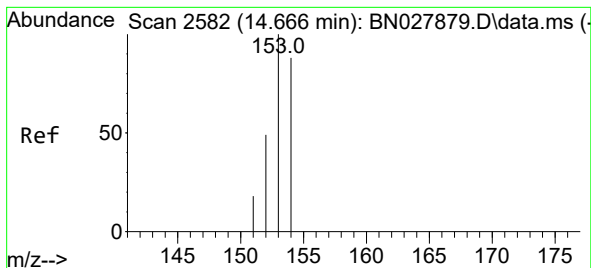
Tgt Ion:142 Resp: 23692
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2



#10
Acenaphthylene
Concen: 0.081 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:152 Resp: 2882
Ion Ratio Lower Upper
152 100
151 27.4 16.6 25.0#
153 31.0 11.0 16.6#





#11

Acenaphthene

Concen: 0.127 ng/ul

RT: 14.671 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EZYK8

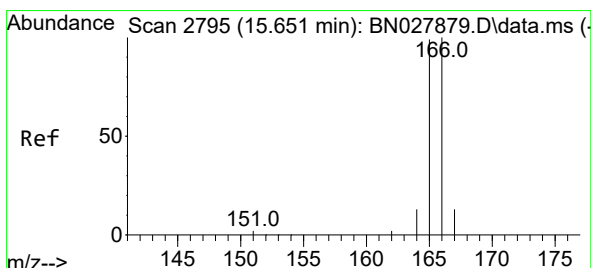
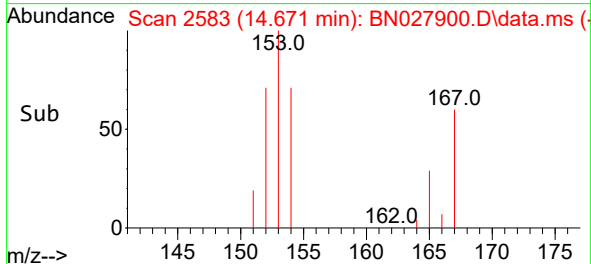
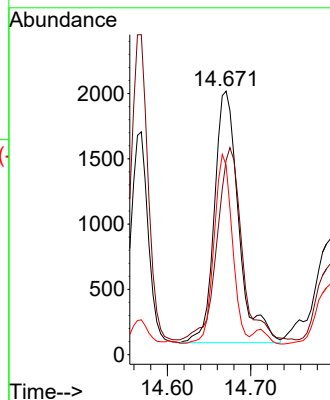
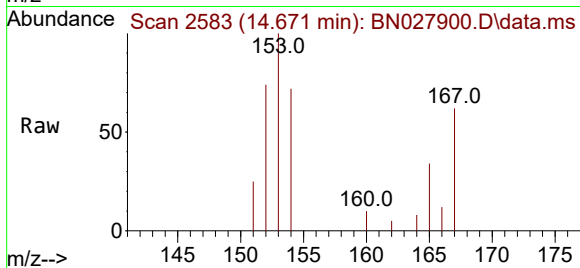
Tgt Ion:153 Resp: 3892

Ion Ratio Lower Upper

153 100

152 73.8 41.7 62.5#

154 71.9 70.3 105.5



#12

Fluorene

Concen: 0.175 ng/ul

RT: 15.651 min Scan# 2795

Delta R.T. 0.000 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

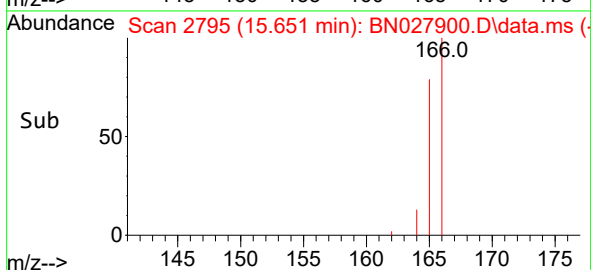
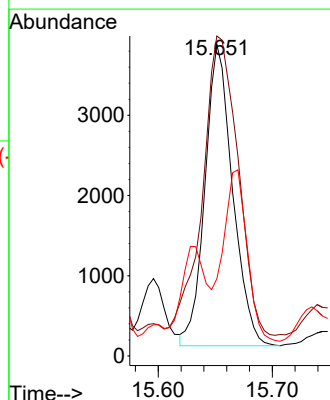
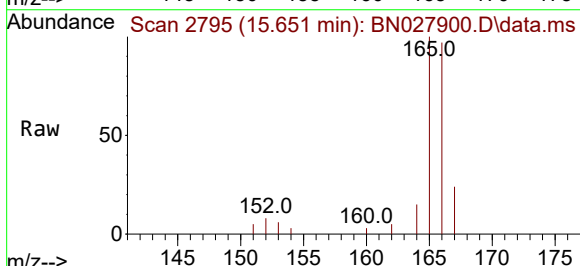
Tgt Ion:166 Resp: 6305

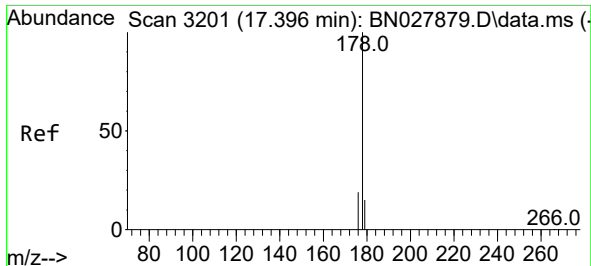
Ion Ratio Lower Upper

166 100

165 102.7 78.0 117.0

167 24.7 11.4 17.2#

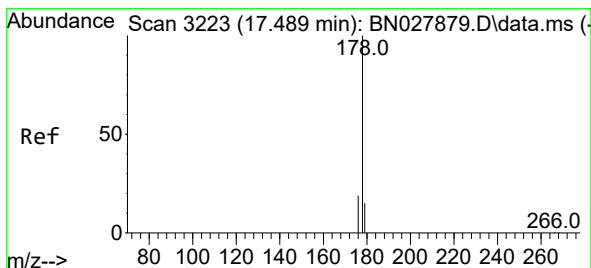
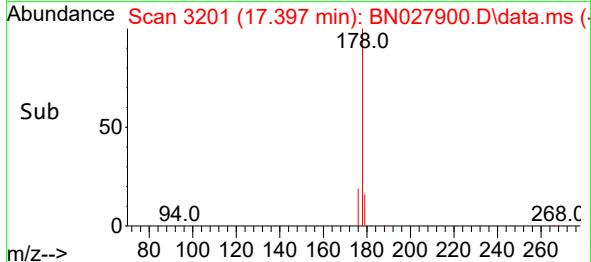
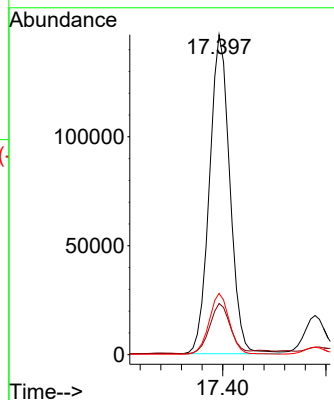
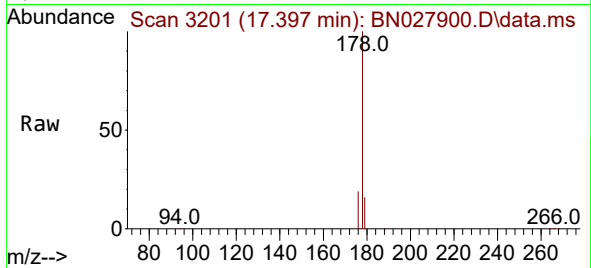




#15
Phenanthrene
Concen: 3.606 ng/u1
RT: 17.397 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

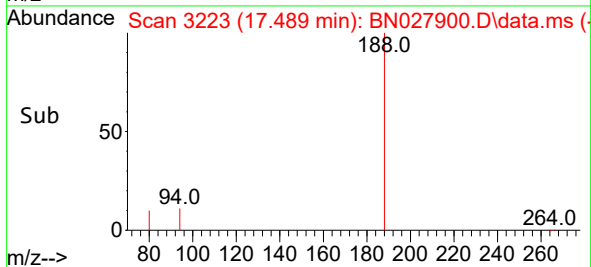
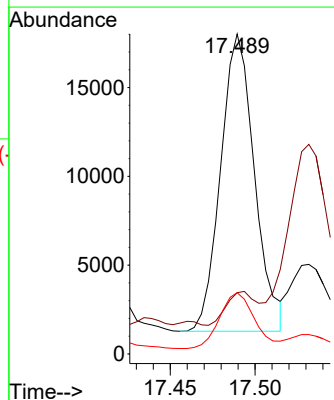
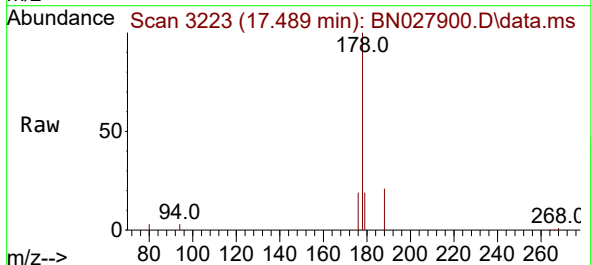
Instrument :
BNA_N
ClientSampleId :
EZYK8

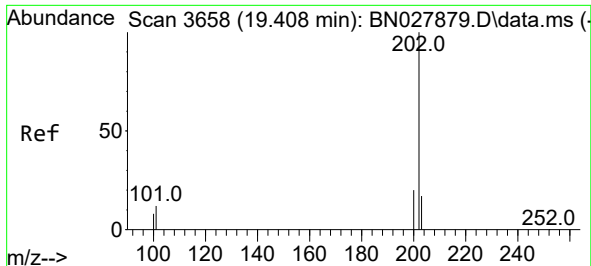
Tgt Ion:178 Resp: 200865
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.1 16.0 24.0



#16
Anthracene
Concen: 0.498 ng/u1
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:178 Resp: 23221
Ion Ratio Lower Upper
178 100
179 19.1 12.6 19.0#
176 19.2 15.5 23.3

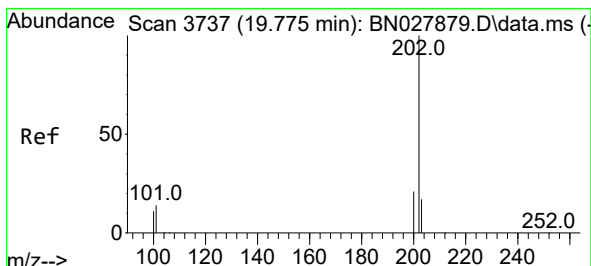
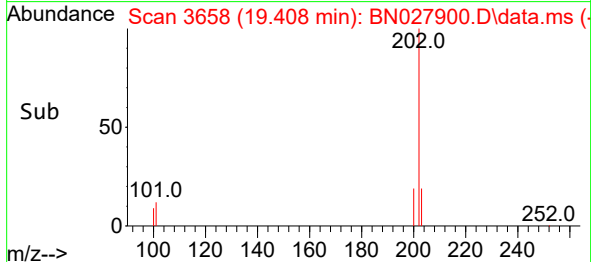
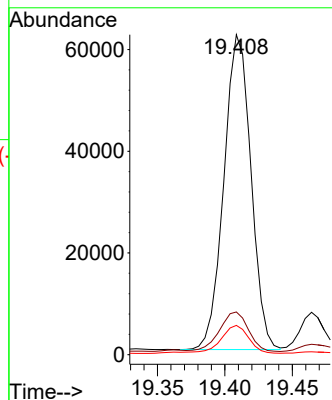
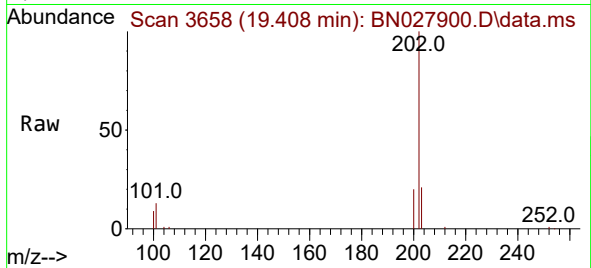




#19
Fluoranthene
Concen: 1.224 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

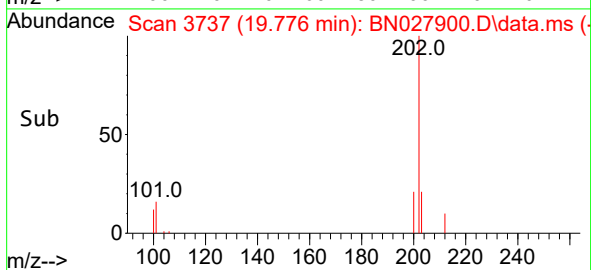
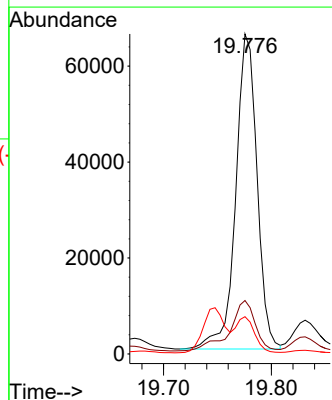
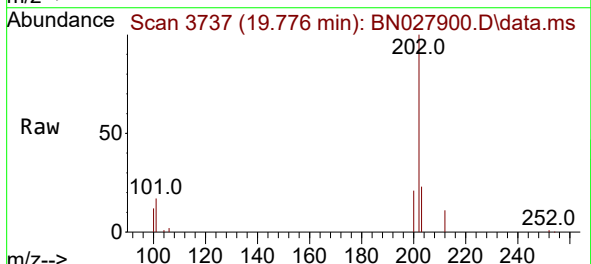
Instrument :
BNA_N
ClientSampleId :
EZYK8

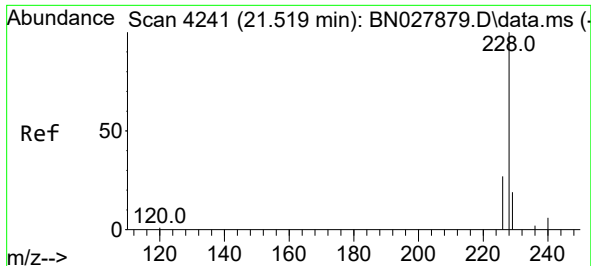
Tgt Ion:202 Resp: 86561
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 9.2 7.0 10.4



#20
Pyrene
Concen: 1.239 ng/ul
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:202 Resp: 90262
Ion Ratio Lower Upper
202 100
101 16.7 11.4 17.0
100 11.7 9.1 13.7

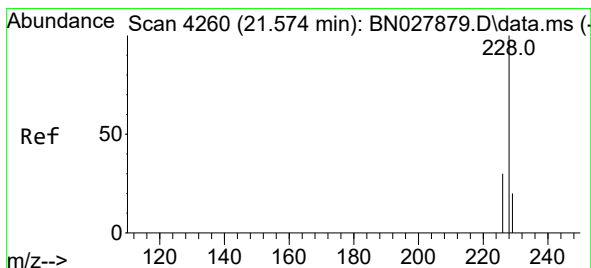
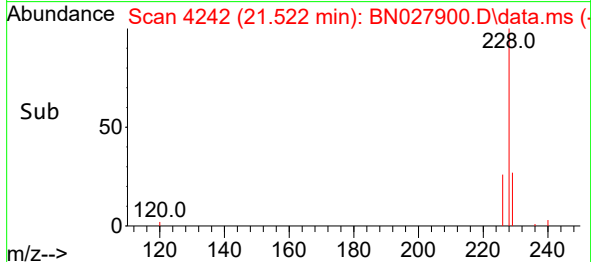
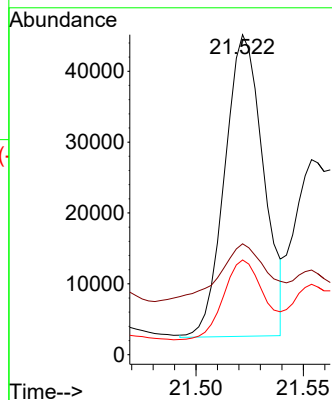
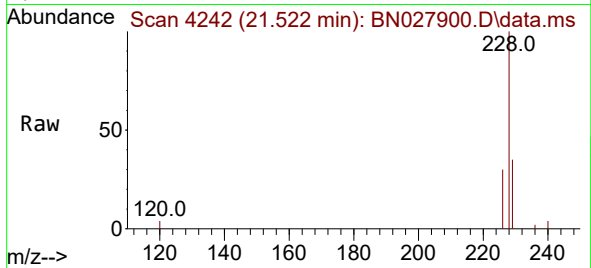




#21
Benzo(a)anthracene
Concen: 0.791 ng/ul
RT: 21.522 min Scan# 4241
Delta R.T. 0.003 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

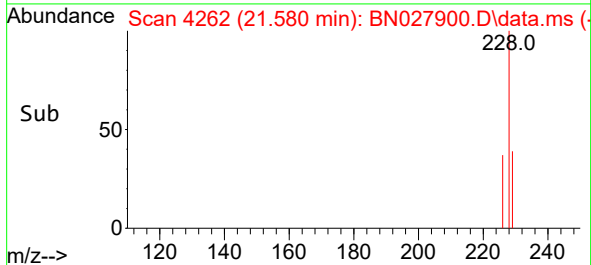
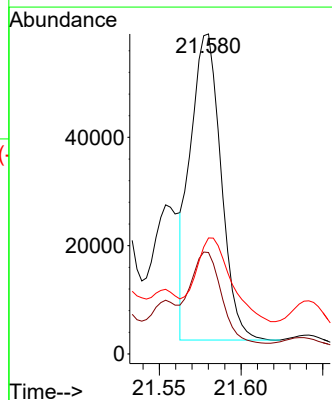
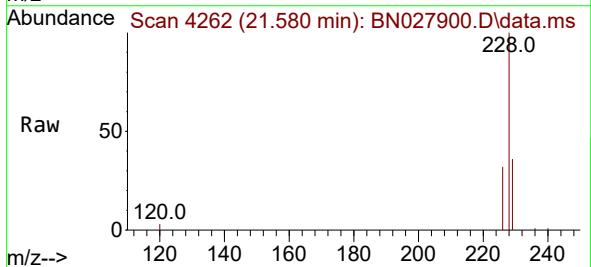
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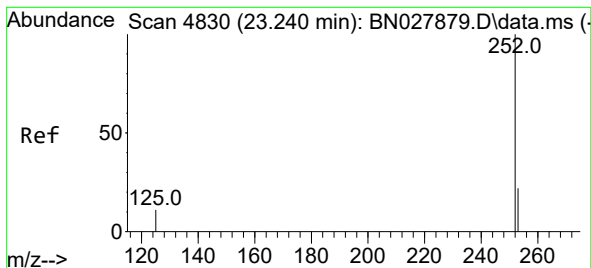
Tgt Ion:228 Resp: 53515
Ion Ratio Lower Upper
228 100
229 34.7 15.8 23.8#
226 29.6 22.0 33.0



#22
Chrysene
Concen: 1.050 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:228 Resp: 73415
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 36.3 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 1.497 ng/ul

RT: 23.246 min Scan# 4830

Delta R.T. 0.006 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

Instrument :

BNA_N

ClientSampleId :

EZYK8

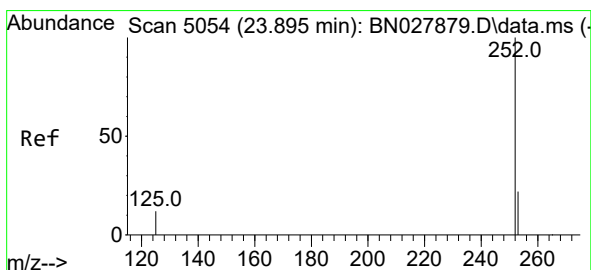
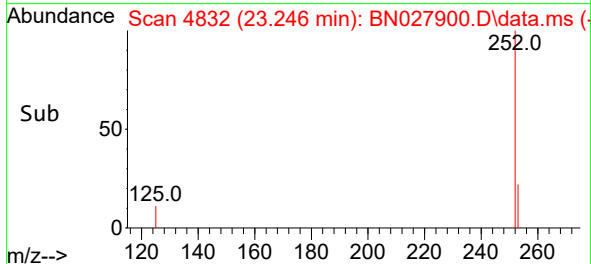
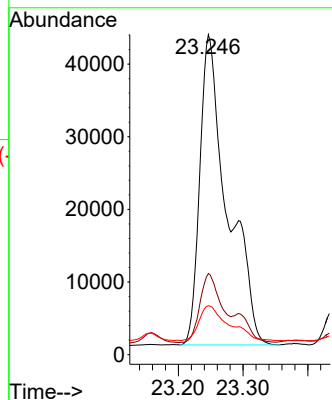
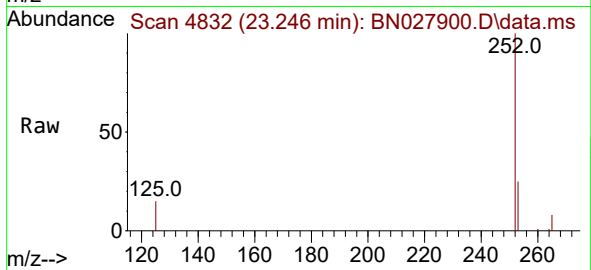
Tgt Ion:252 Resp: 125906

Ion Ratio Lower Upper

252 100

253 25.4 0.0 50.2

125 15.3 0.0 31.4



#26

Benzo(a)pyrene

Concen: 0.791 ng/ul

RT: 23.901 min Scan# 5056

Delta R.T. 0.006 min

Lab File: BN027900.D

Acq: 27 Sep 2023 15:32

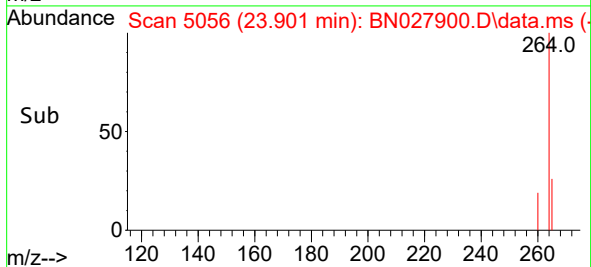
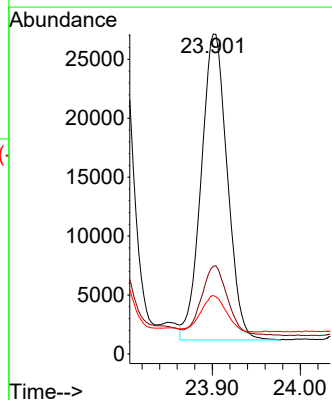
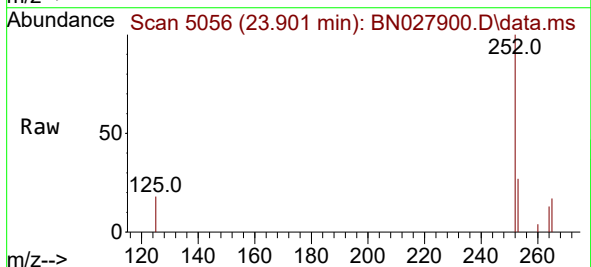
Tgt Ion:252 Resp: 53493

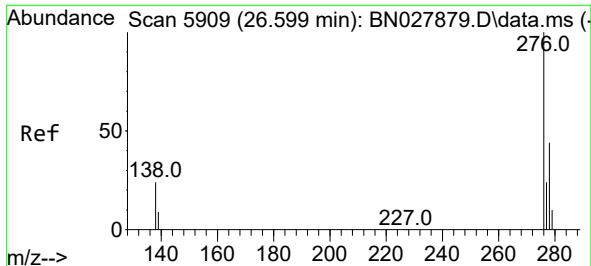
Ion Ratio Lower Upper

252 100

253 27.4 21.9 32.9

125 18.3 15.5 23.3

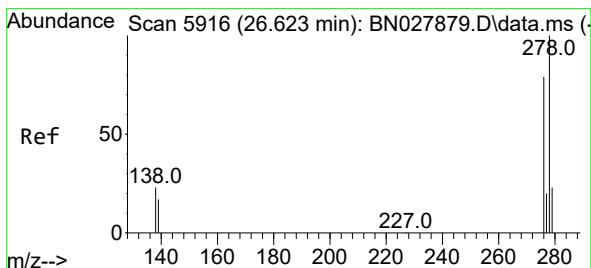
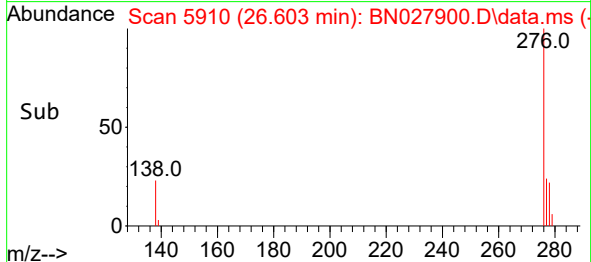
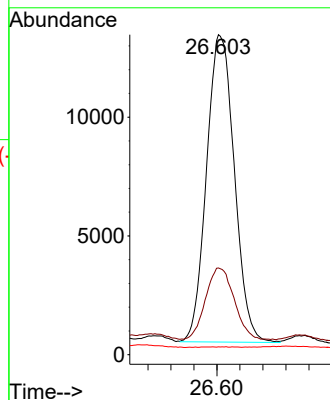
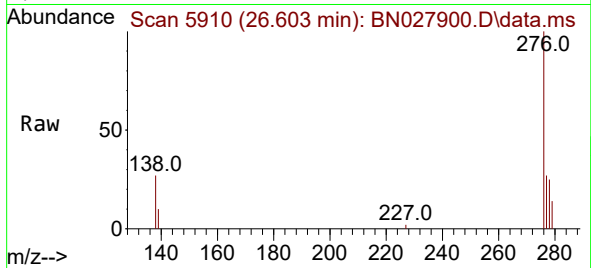




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng/ul
RT: 26.603 min Scan# 5910
Delta R.T. 0.004 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

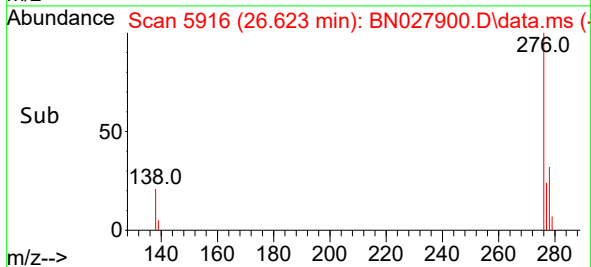
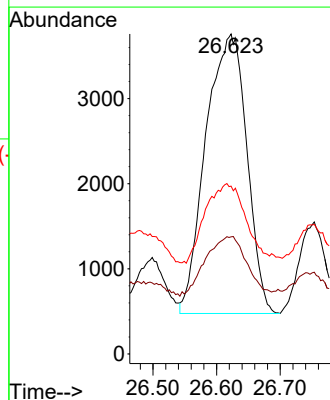
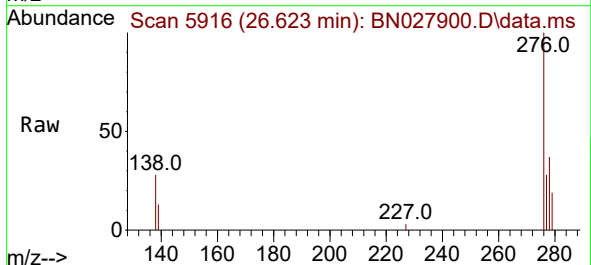
Instrument :
BNA_N
ClientSampleId :
EZYK8

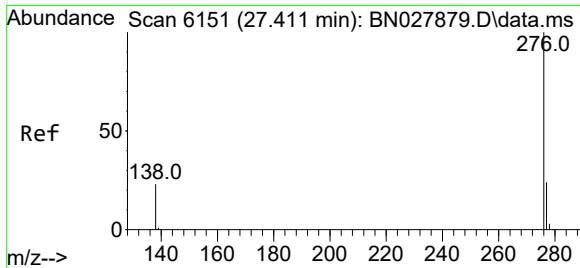
Tgt Ion:276 Resp: 43504
Ion Ratio Lower Upper
276 100
138 24.1 24.3 36.5#
227 0.0 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 26.623 min Scan# 5916
Delta R.T. 0.000 min
Lab File: BN027900.D
Acq: 27 Sep 2023 15:32

Tgt Ion:278 Resp: 14686
Ion Ratio Lower Upper
278 100
139 36.6 17.2 25.8#
279 52.4 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.693 ng/ul
 RT: 27.418 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN027900.D
 Acq: 27 Sep 2023 15:32

Instrument :
 BNA_N
 ClientSampleId :
 EZYK8

Tgt Ion:	276	Resp:	51045
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.7	32.5
277	25.6	20.2	30.2

