

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
 Data File : BN019919.D
 Acq On : 24 May 2022 10:46
 Operator : CG/JU
 Sample : N2918-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTB9

Quant Time: May 25 01:44:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 14:58:28 2022
 Response via : Initial Calibration

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

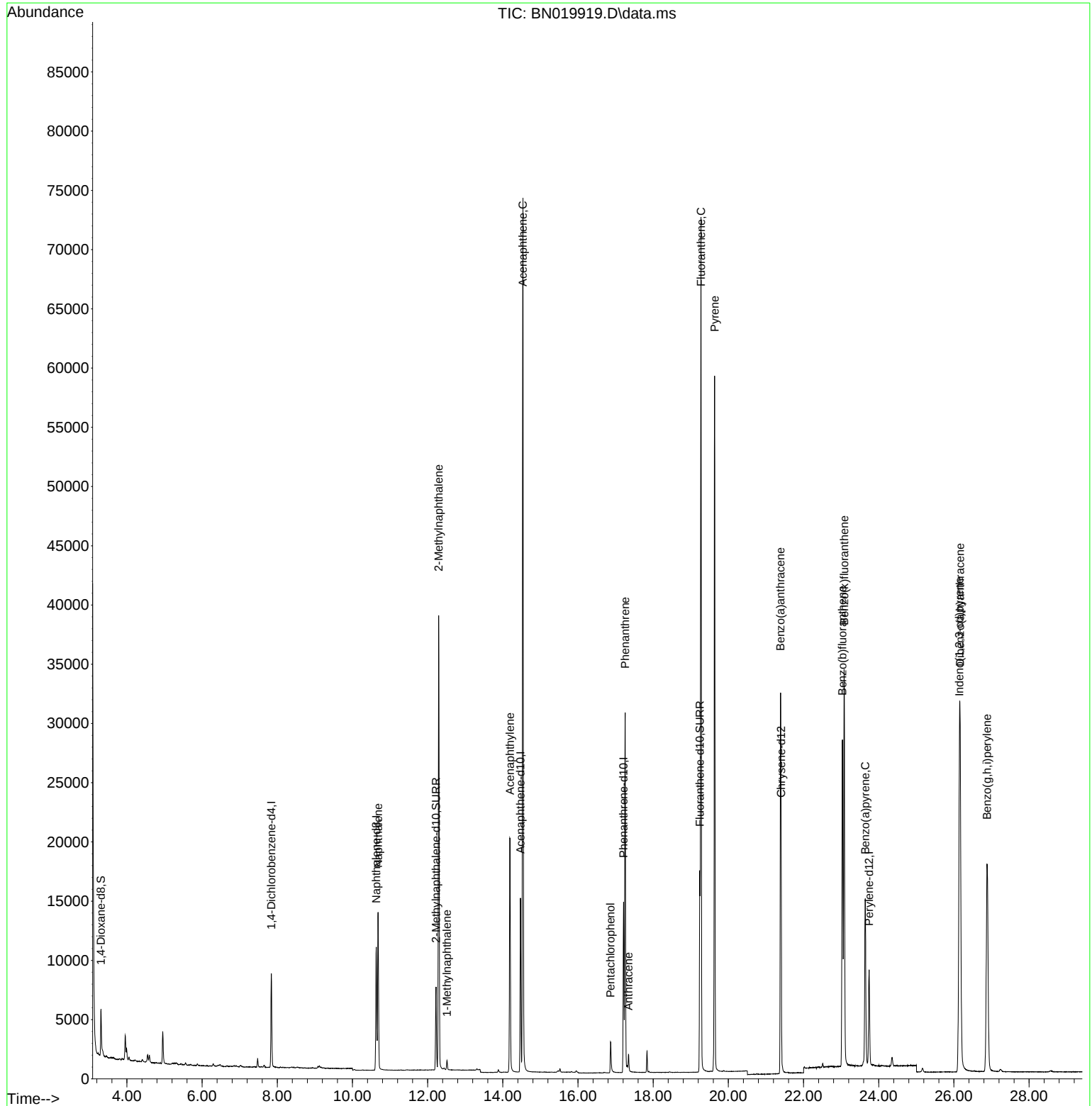
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	4262	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.634	136	14586	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.469	164	8625	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17417	0.400	ng/ul	0.00
17) Chrysene-d12	21.404	240	13821	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	11494	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	2828	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	9179	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	18741	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.683	128	19253	0.421	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	27935	0.922	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	570	0.020	ng/ul#	100
10) Acenaphthylene	14.192	152	25041	0.509	ng/ul	98
11) Acenaphthene	14.534	153	43438	1.304	ng/ul	99
14) Pentachlorophenol	16.867	266	2112	0.728	ng/ul	90
15) Phenanthrene	17.255	178	34230	0.559	ng/ul	99
16) Anthracene	17.344	178	1913	0.033	ng/ul#	91
19) Fluoranthene	19.271	202	62501	0.906	ng/ul	99
20) Pyrene	19.634	202	50459	0.721	ng/ul	99
21) Benzo(a)anthracene	21.387	228	26857	0.476	ng/ul	100
24) Benzo(b)fluoranthene	23.035	252	36293	0.714	ng/ul	90
25) Benzo(k)fluoranthene	23.082	252	45791	0.926	ng/ul	95
26) Benzo(a)pyrene	23.640	252	21689	0.451	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.146	276	36772	0.730	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.163	278	36354	0.880	ng/ul#	79
29) Benzo(g,h,i)perylene	26.880	276	38744	0.899	ng/ul	98

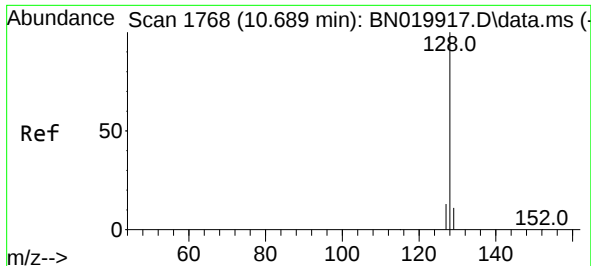
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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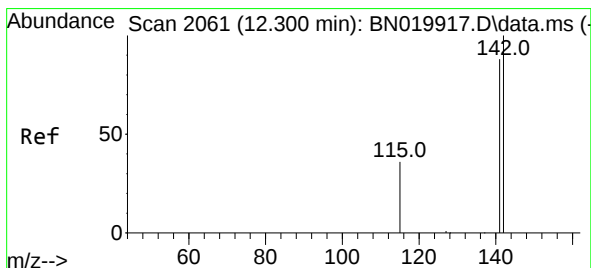
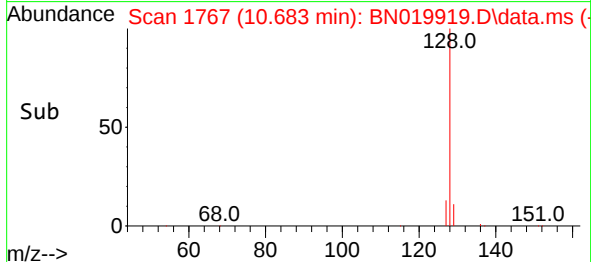
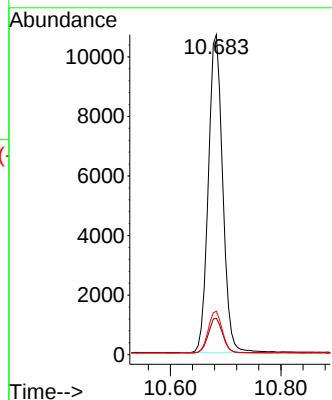
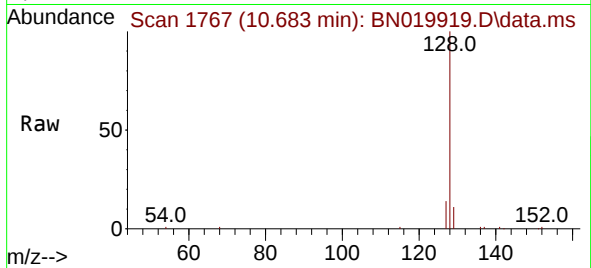




#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

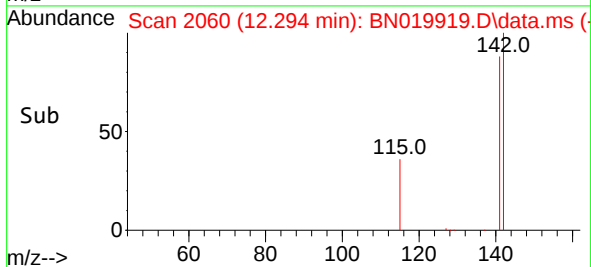
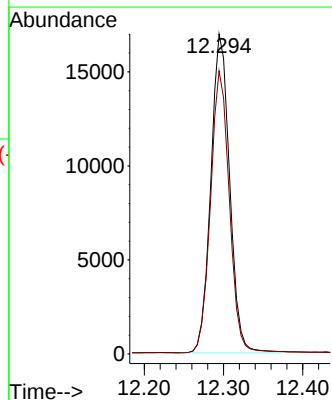
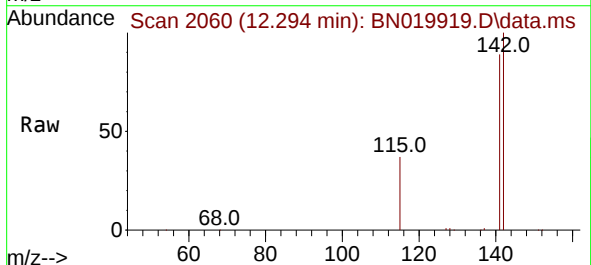
Instrument :
BNA_N
ClientSampleId :
DBTB9

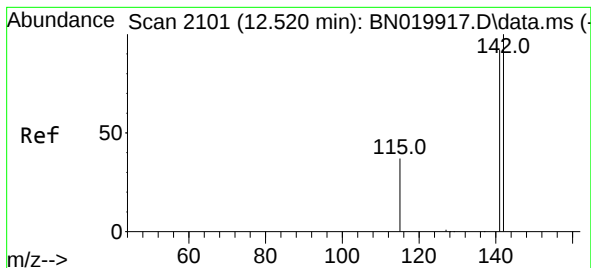
Tgt Ion:128 Resp: 19253
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.922 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.010 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

Tgt Ion:142 Resp: 27935
Ion Ratio Lower Upper
142 100
141 88.3 0.0 0.0#





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.514 min Scan# 2100

Delta R.T. -0.010 min

Lab File: BN019919.D

Acq: 24 May 2022 10:46

Instrument :

BNA_N

ClientSampleId :

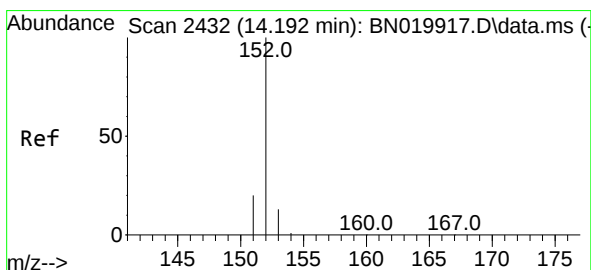
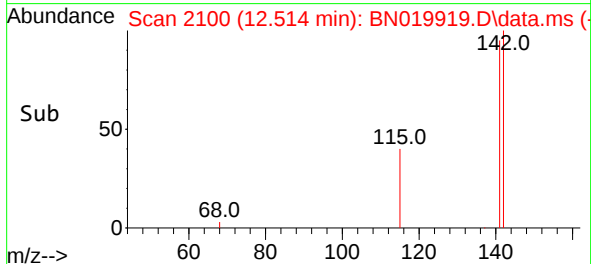
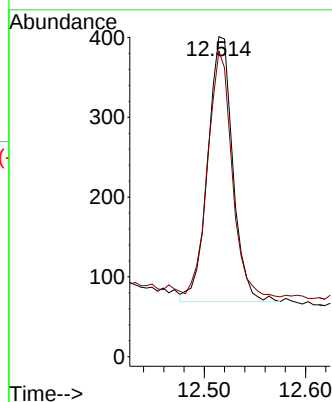
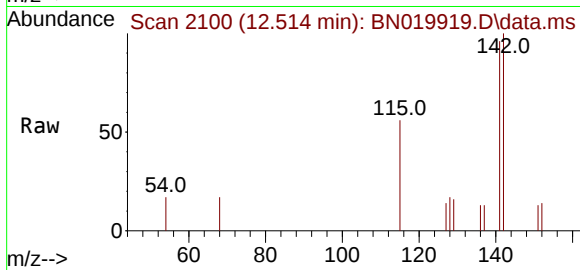
DBTB9

Tgt Ion:142 Resp: 570

Ion Ratio Lower Upper

142 100

141 89.8 0.0 0.0#



#10

Acenaphthylene

Concen: 0.509 ng/ul

RT: 14.192 min Scan# 2432

Delta R.T. -0.003 min

Lab File: BN019919.D

Acq: 24 May 2022 10:46

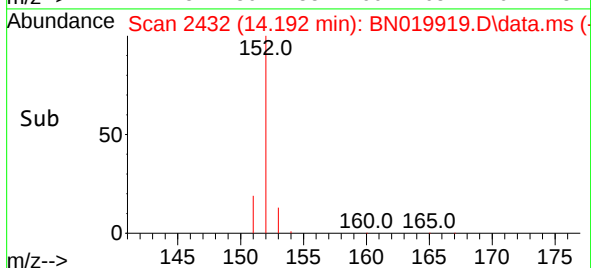
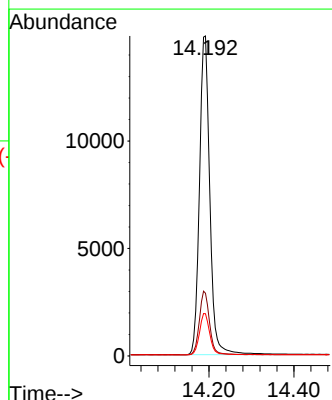
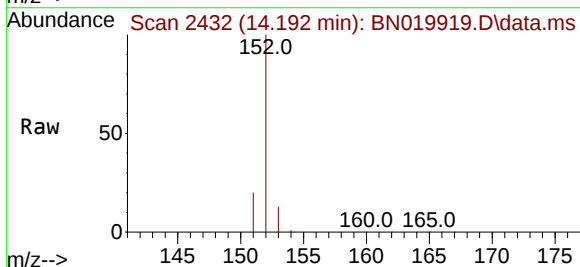
Tgt Ion:152 Resp: 25041

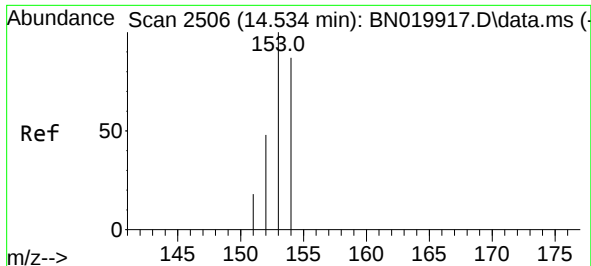
Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

153 13.2 11.1 16.7

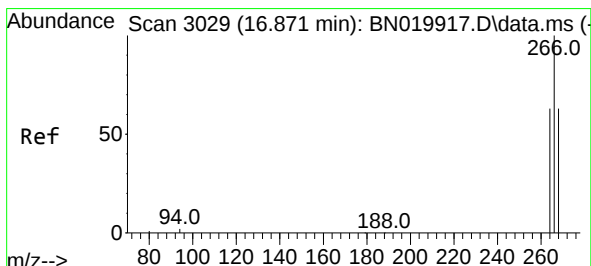
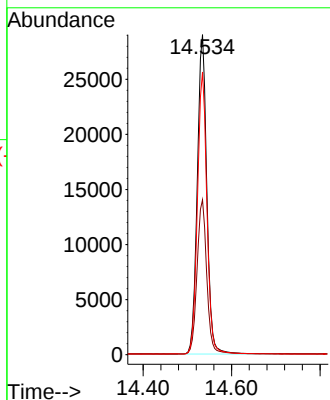
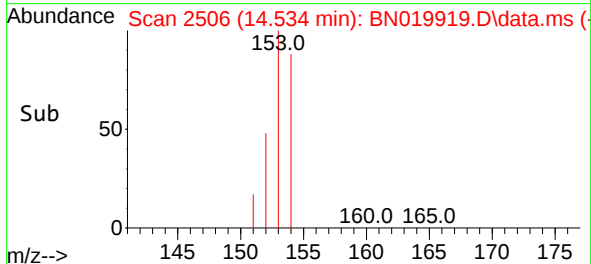
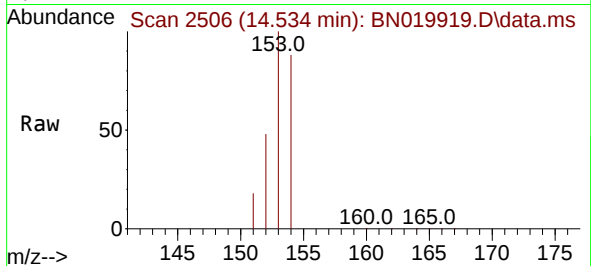




#11
Acenaphthene
Concen: 1.304 ng/ul
RT: 14.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

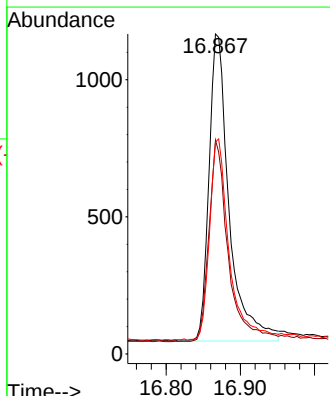
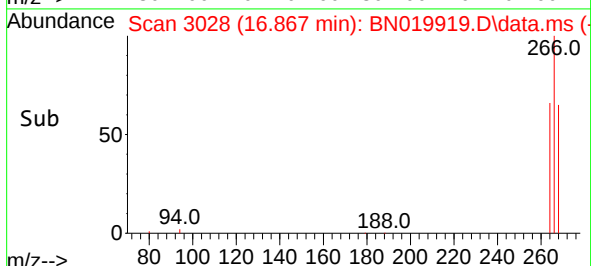
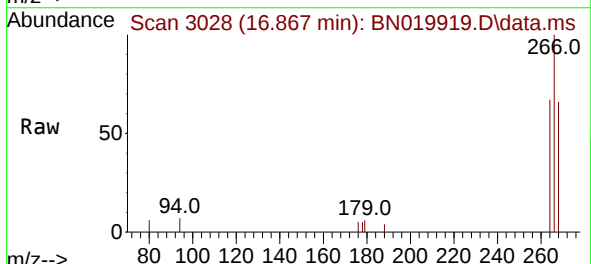
Instrument :
BNA_N
ClientSampleId :
DBTB9

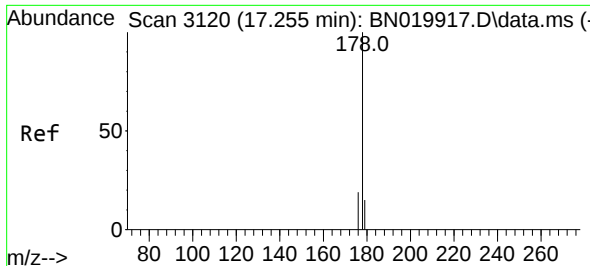
Tgt Ion:153 Resp: 43438
Ion Ratio Lower Upper
153 100
152 48.4 38.6 57.8
154 88.4 71.2 106.8



#14
Pentachlorophenol
Concen: 0.728 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. -0.007 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

Tgt Ion:266 Resp: 2112
Ion Ratio Lower Upper
266 100
264 62.6 44.9 67.3
268 64.1 44.6 67.0

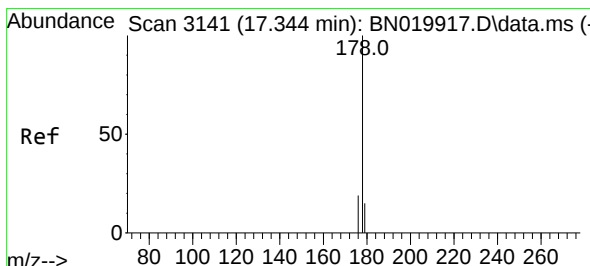
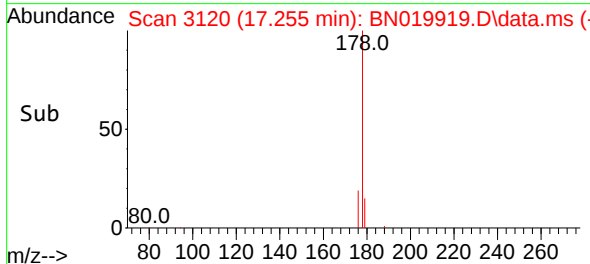
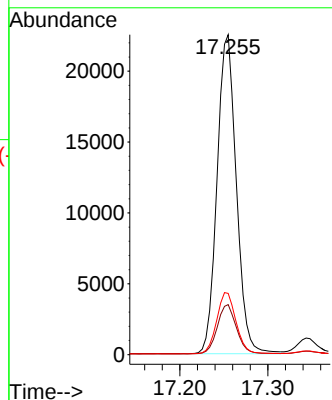
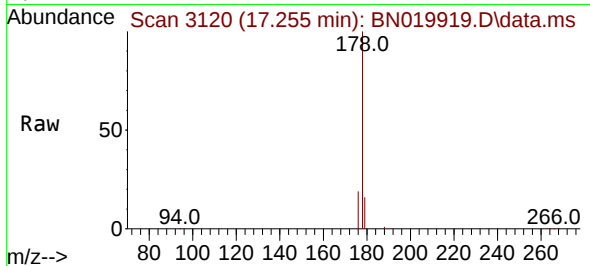




#15
Phenanthrene
Concen: 0.559 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. 0.001 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

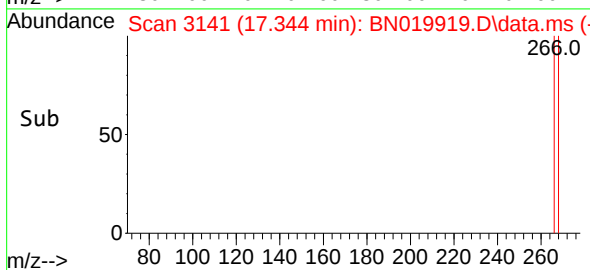
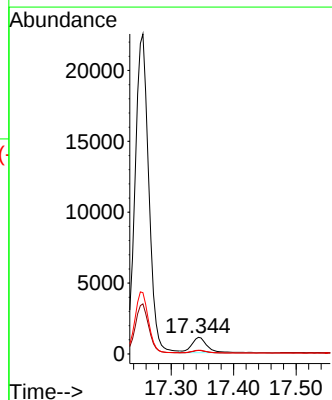
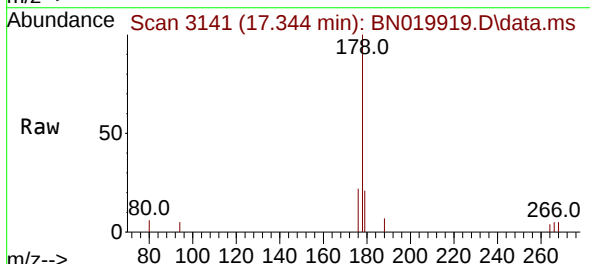
Instrument :
BNA_N
ClientSampleId :
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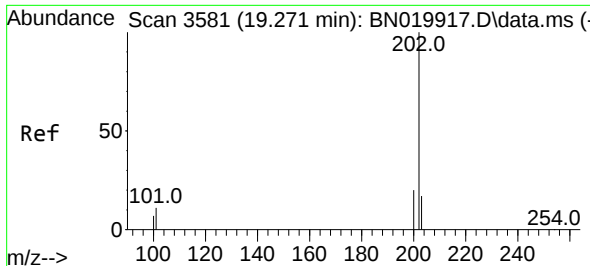
Tgt Ion:178 Resp: 34230
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.033 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

Tgt Ion:178 Resp: 1913
Ion Ratio Lower Upper
178 100
179 21.2 13.1 19.7#
176 22.3 15.3 22.9

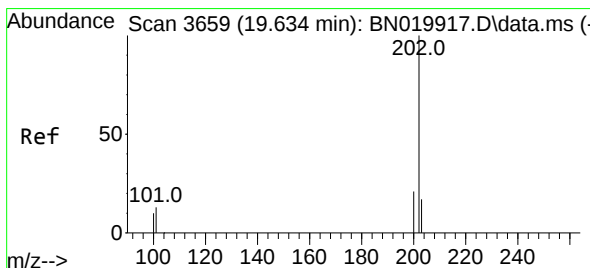
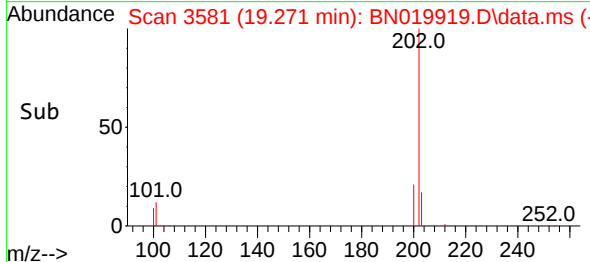
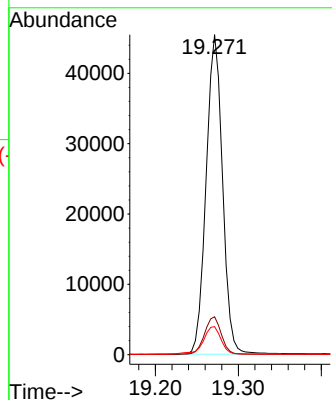
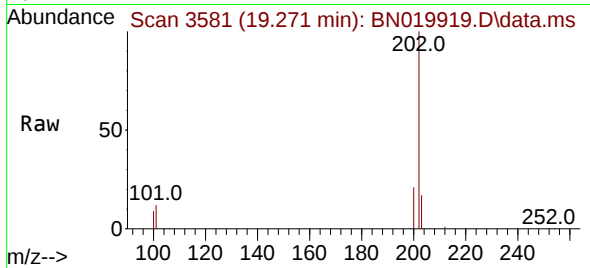




#19
Fluoranthene
Concen: 0.906 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

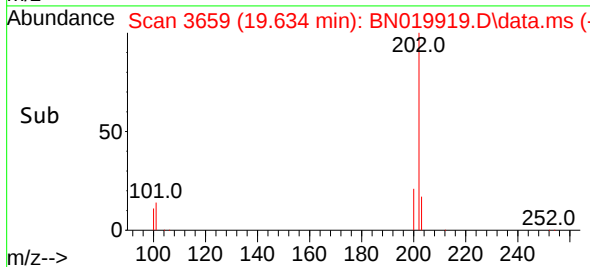
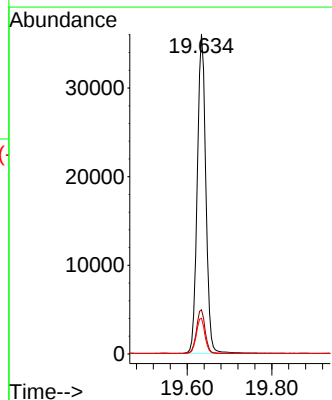
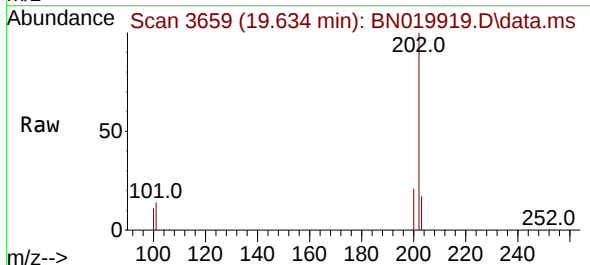
Instrument :
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ClientSampleId :
DBTB9

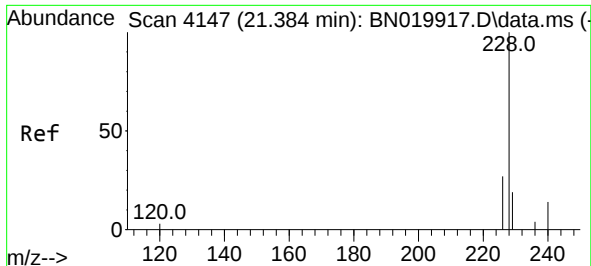
Tgt Ion:202 Resp: 62501
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.8 7.4 11.2



#20
Pyrene
Concen: 0.721 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.003 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

Tgt Ion:202 Resp: 50459
Ion Ratio Lower Upper
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101 13.8 11.4 17.0
100 11.1 9.0 13.4

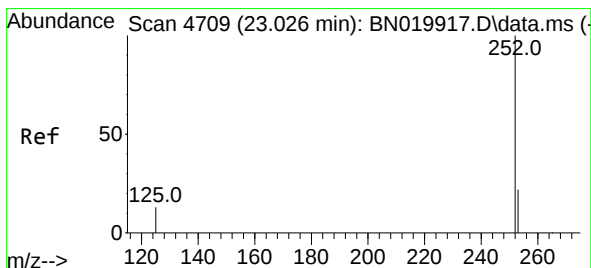
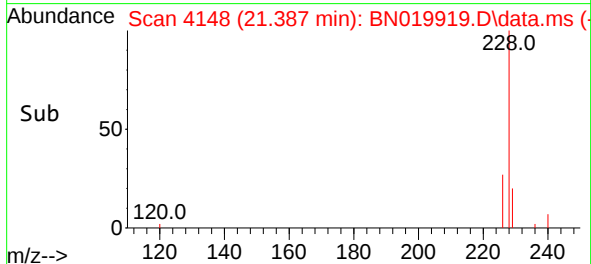
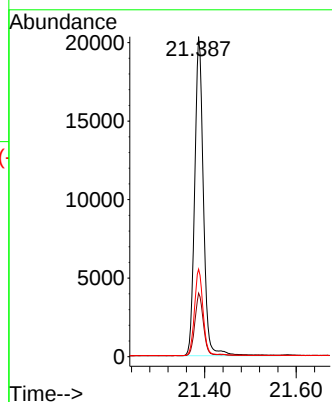
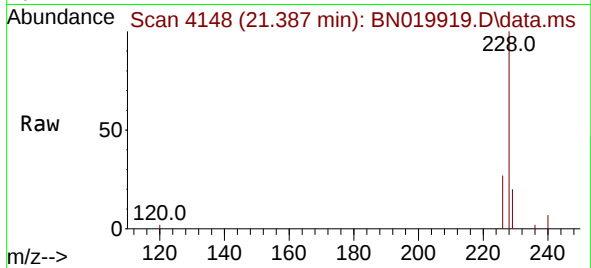




#21
Benzo(a)anthracene
Concen: 0.476 ng/ul
RT: 21.387 min Scan# 4147
Delta R.T. 0.002 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

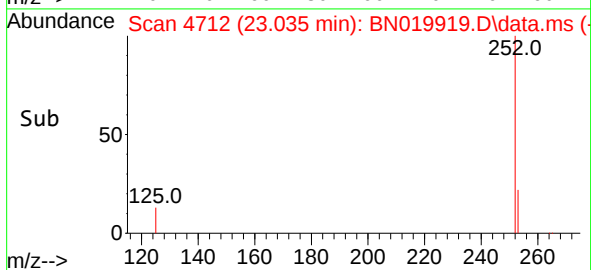
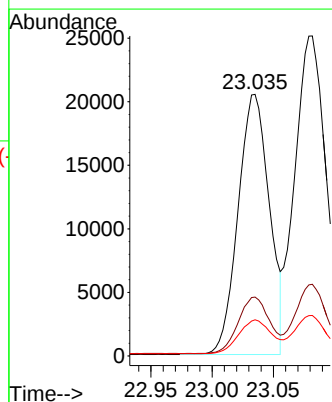
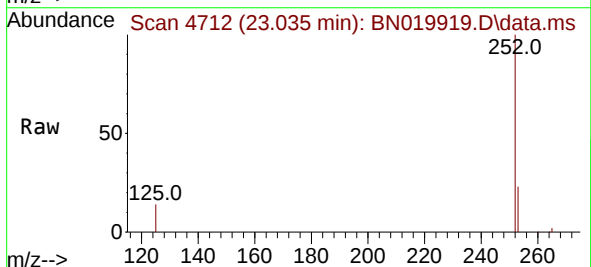
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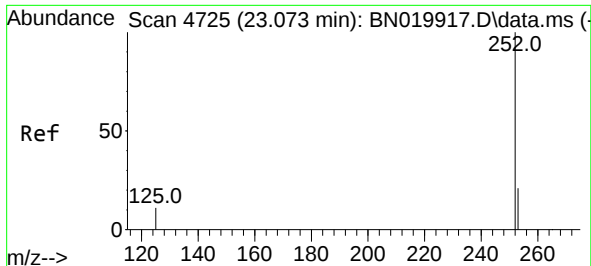
Tgt Ion:228 Resp: 26857
Ion Ratio Lower Upper
228 100
229 19.9 16.1 24.1
226 27.4 22.1 33.1



#24
Benzo(b)fluoranthene
Concen: 0.714 ng/ul
RT: 23.035 min Scan# 4712
Delta R.T. 0.005 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

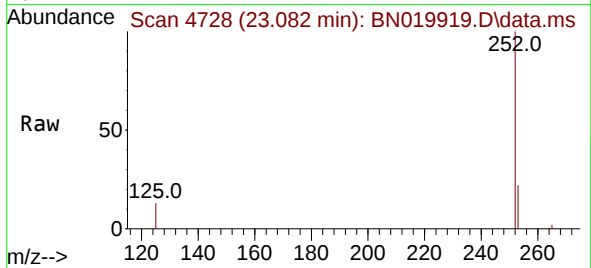
Tgt Ion:252 Resp: 36293
Ion Ratio Lower Upper
252 100
253 22.5 0.0 52.0
125 13.8 0.0 40.2



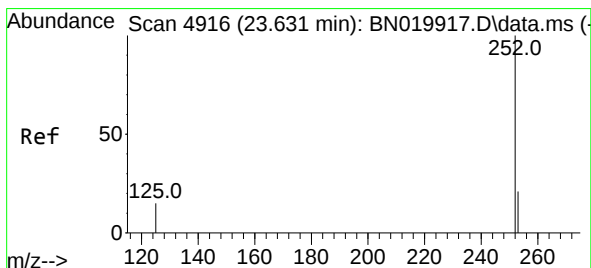
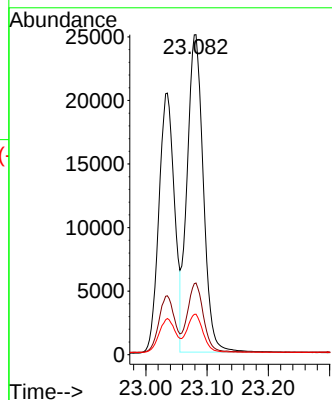


#25
Benzo(k)fluoranthene
Concen: 0.926 ng/ul
RT: 23.082 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

Instrument :
BNA_N
ClientSampleId :
DBTB9

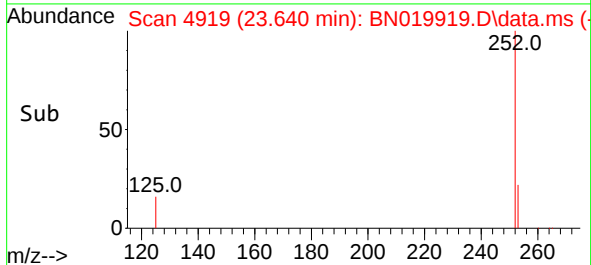
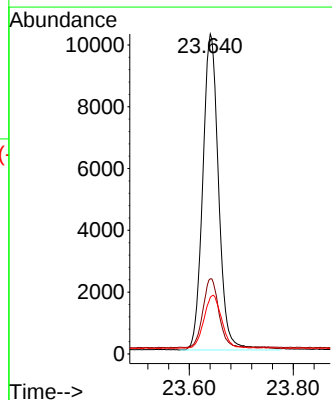
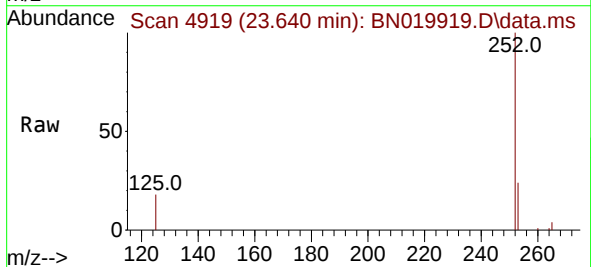


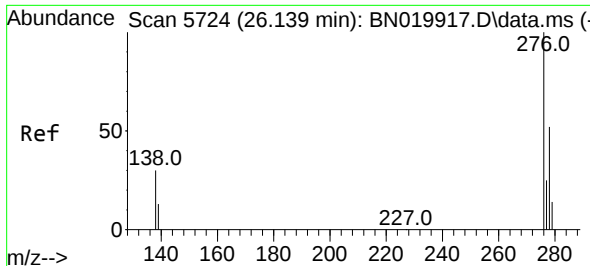
Tgt Ion:252 Resp: 45791
Ion Ratio Lower Upper
252 100
253 22.4 20.2 30.2
125 12.7 11.0 16.6



#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.640 min Scan# 4919
Delta R.T. 0.002 min
Lab File: BN019919.D
Acq: 24 May 2022 10:46

Tgt Ion:252 Resp: 21689
Ion Ratio Lower Upper
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253 23.5 23.4 35.0
125 17.7 28.3 42.5#

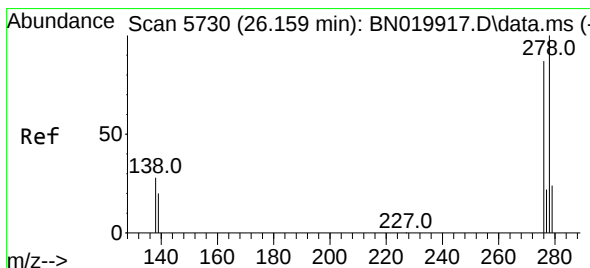
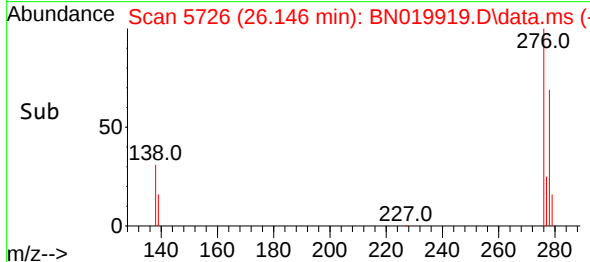
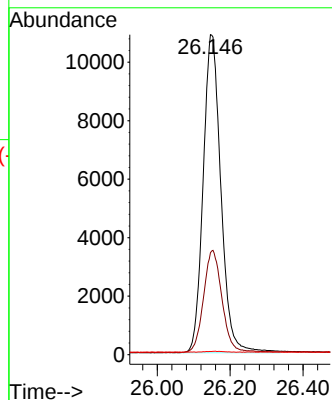
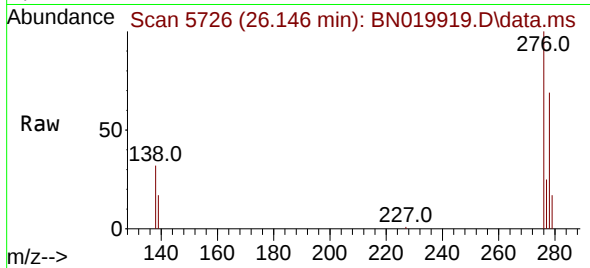




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.730 ng/ul
 RT: 26.146 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: BN019919.D
 Acq: 24 May 2022 10:46

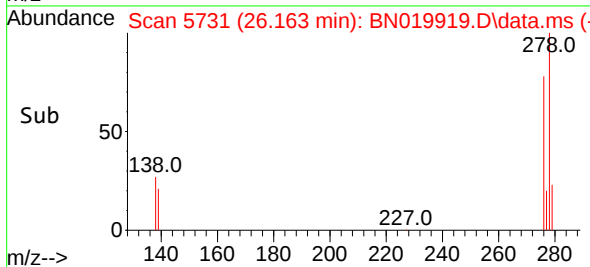
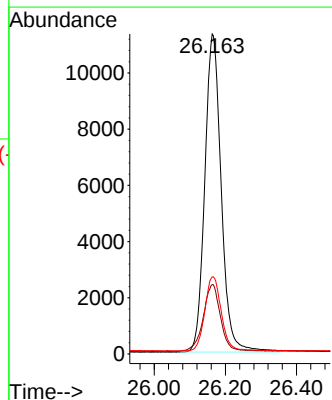
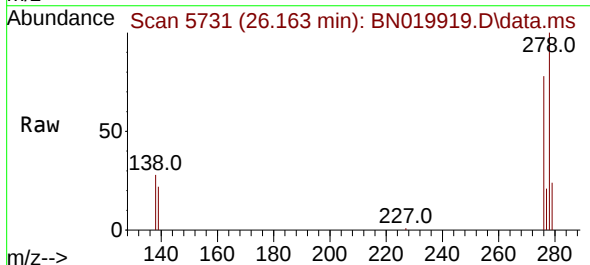
Instrument :
 BNA_N
 ClientSampleId :
 DBTB9

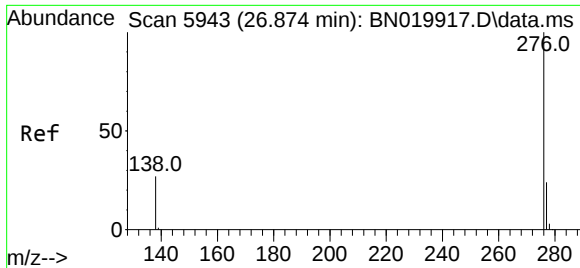
Tgt Ion:276 Resp: 36772
 Ion Ratio Lower Upper
 276 100
 138 33.5 23.6 35.4
 227 0.3 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.880 ng/ul
 RT: 26.163 min Scan# 5731
 Delta R.T. -0.002 min
 Lab File: BN019919.D
 Acq: 24 May 2022 10:46

Tgt Ion:278 Resp: 36354
 Ion Ratio Lower Upper
 278 100
 139 21.7 18.6 28.0
 279 24.1 35.1 52.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.899 ng/ul
 RT: 26.880 min Scan# 5945
 Delta R.T. -0.005 min
 Lab File: BN019919.D
 Acq: 24 May 2022 10:46

Instrument :
 BNA_N
 ClientSampleId :
 DBTB9

Tgt Ion:	276	Resp:	38744
Ion Ratio	Lower	Upper	
276	100		
138	27.2	20.9	31.3
277	24.2	20.4	30.6

