

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025225.D
 Acq On : 02 May 2023 17:59
 Operator : CG/JU
 Sample : 02419-31DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW926DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:30:20 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	9330	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	32332	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	44287	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.511	240	38915	0.400	ng/ul	# 0.00
23) Perylene-d12	23.954	264	35539	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3564	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1294	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3629	0.035	ng/ul	0.00
Target Compounds						
						Qvalue
7) 2-Methylnaphthalene	12.392	142	1426	0.028	ng/ul	99
10) Acenaphthylene	14.283	152	3000	0.041	ng/ul#	72
11) Acenaphthene	14.626	153	1605	0.026	ng/ul	94
12) Fluorene	15.611	166	2167	0.031	ng/ul#	72
15) Phenanthrene	17.351	178	57656	0.461	ng/ul#	96
16) Anthracene	17.444	178	12537	0.123	ng/ul#	76
19) Fluoranthene	19.372	202	135928	0.966	ng/ul	100
20) Pyrene	19.735	202	122327	0.846	ng/ul	98
21) Benzo(a)anthracene	21.493	228	63090	0.538	ng/ul#	91
22) Chrysene	21.546	228	64912	0.507	ng/ul#	90
24) Benzo(b)fluoranthene	23.209	252	78498m	0.544	ng/ul	
25) Benzo(k)fluoranthene	23.250	252	30186m	0.218	ng/ul	
26) Benzo(a)pyrene	23.843	252	48913	0.410	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.483	276	30157	0.219	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.500	278	7620	0.071	ng/ul#	3
29) Benzo(g,h,i)perylene	27.265	276	30134	0.258	ng/ul#	88

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

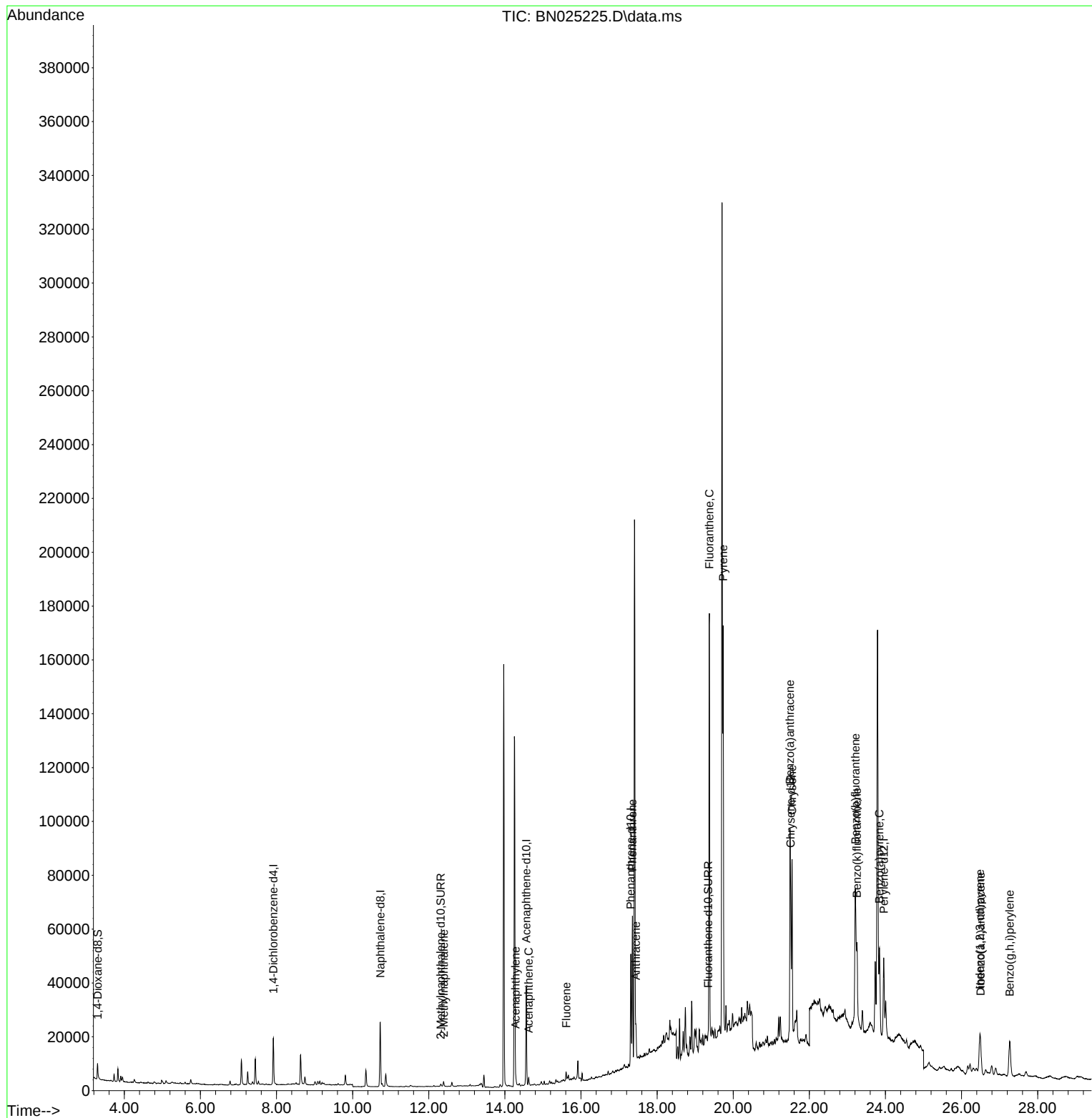
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ALS Vial : 13 Sample Multiplier: 1

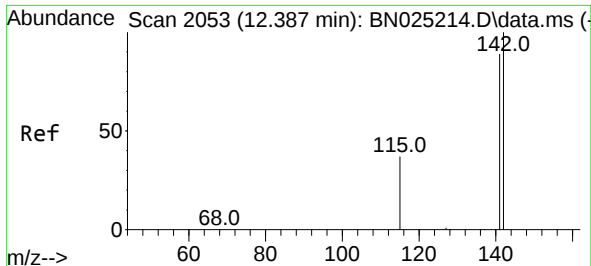
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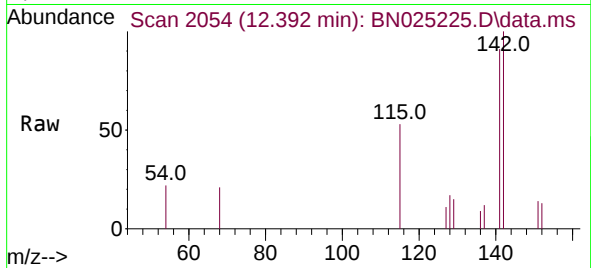
Reviewed By : Christian Giraldo 05/03/2023
Supervised By : Jagrut Upadhyay 05/03/2023





#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

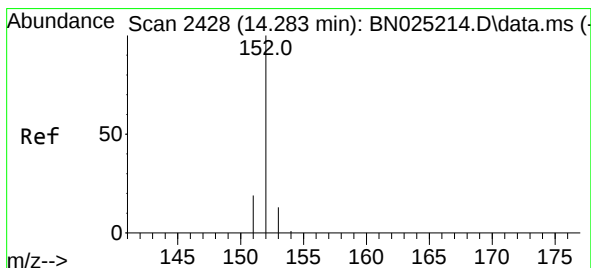
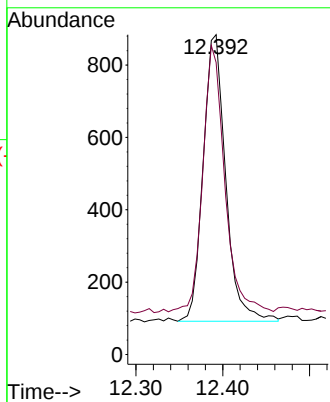
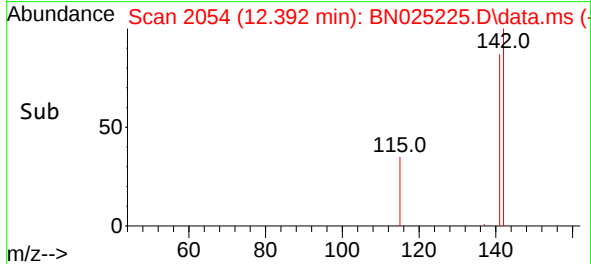
Instrument :
BNA_N
ClientSampleId :
EW926DL



Tgt Ion:142 Resp: 1420
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0

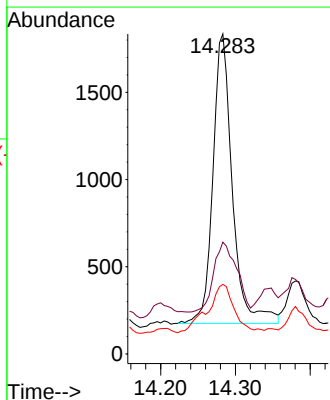
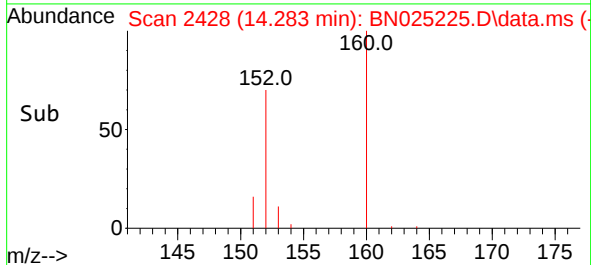
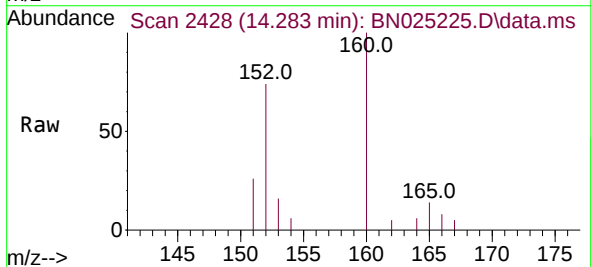
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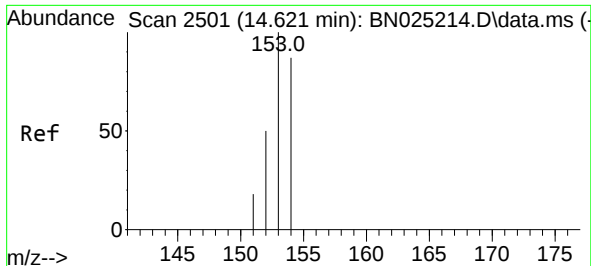
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

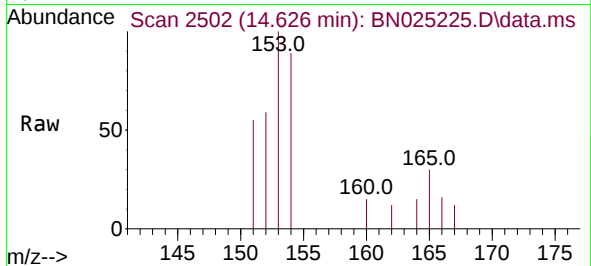
Tgt Ion:152 Resp: 3000
Ion Ratio Lower Upper
152 100
151 34.9 16.0 24.0#
153 21.7 10.8 16.2#





#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.005 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

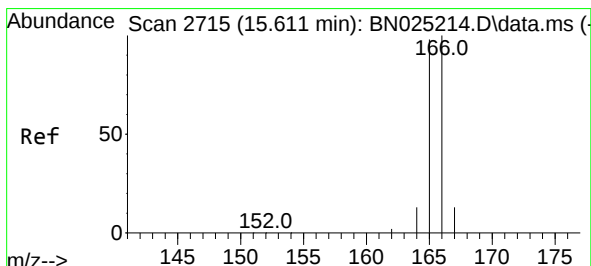
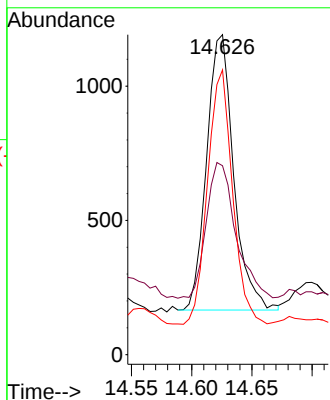
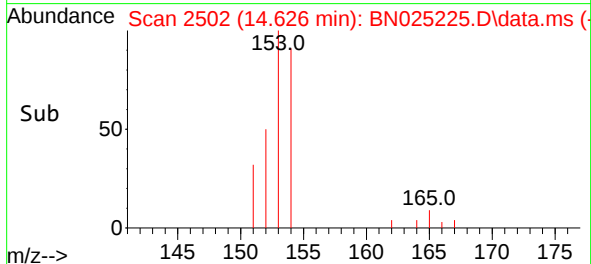
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EW926DL



Tgt Ion:153 Resp: 1609
Ion Ratio Lower Upper
153 100
152 59.1 40.2 60.4
154 89.0 69.4 104.2

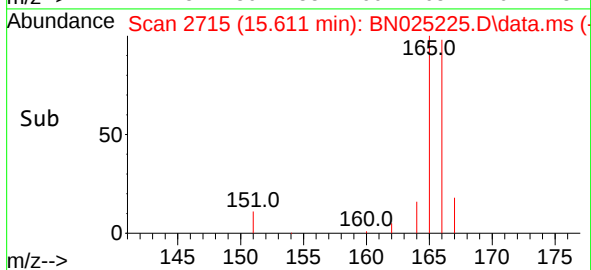
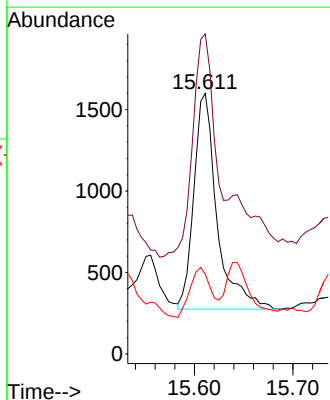
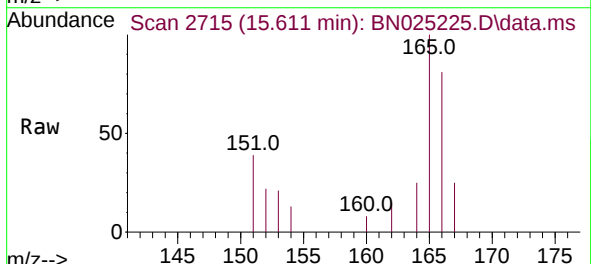
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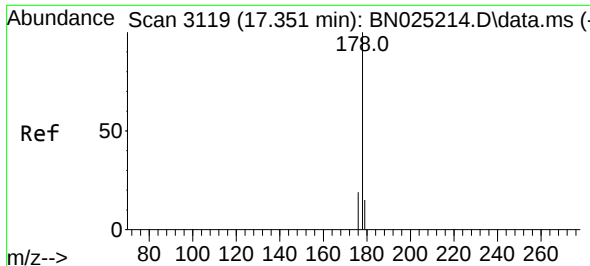
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

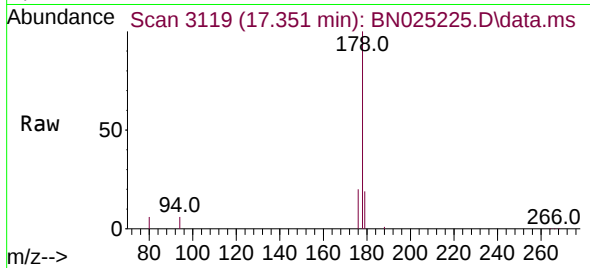
Tgt Ion:166 Resp: 2167
Ion Ratio Lower Upper
166 100
165 122.8 78.1 117.1#
167 30.6 11.0 16.6#





#15
Phenanthrene
Concen: 0.461 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

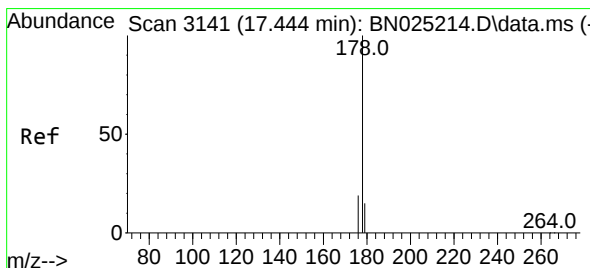
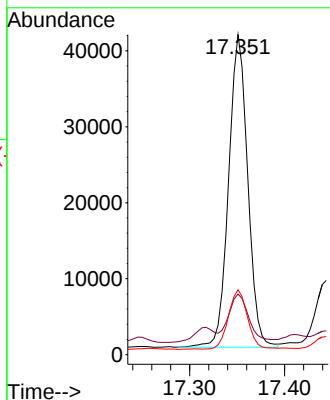
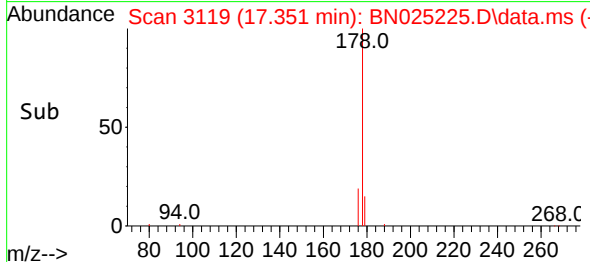
Instrument :
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Tgt Ion:178 Resp: 57650
Ion Ratio Lower Upper
178 100
179 18.9 12.5 18.7#
176 20.3 15.6 23.4#

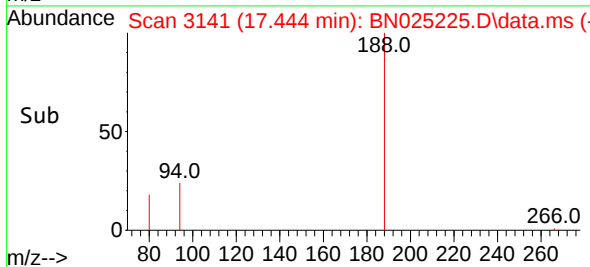
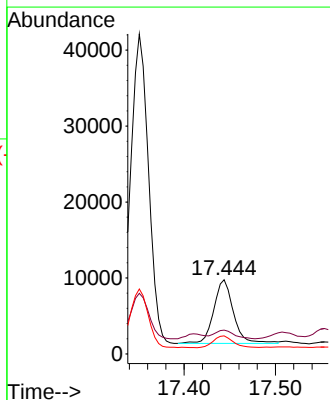
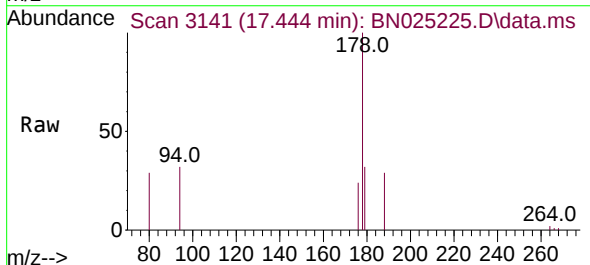
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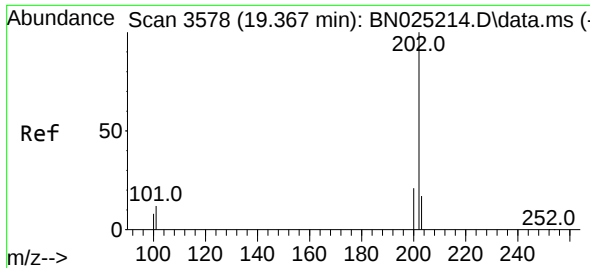
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#16
Anthracene
Concen: 0.123 ng/u1
RT: 17.444 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

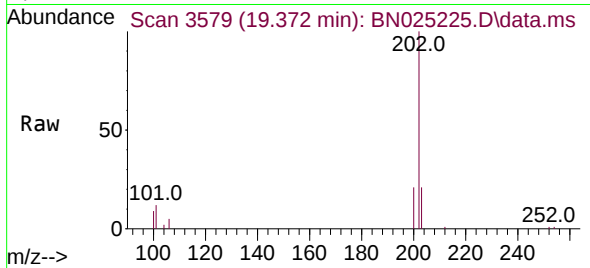
Tgt Ion:178 Resp: 12537
Ion Ratio Lower Upper
178 100
179 32.1 12.7 19.1#
176 24.4 15.3 22.9#





#19
Fluoranthene
Concen: 0.966 ng/u1
RT: 19.372 min Scan# 3579
Delta R.T. 0.005 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

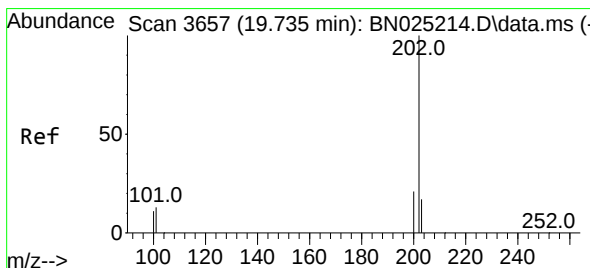
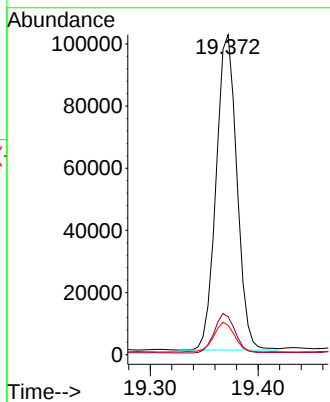
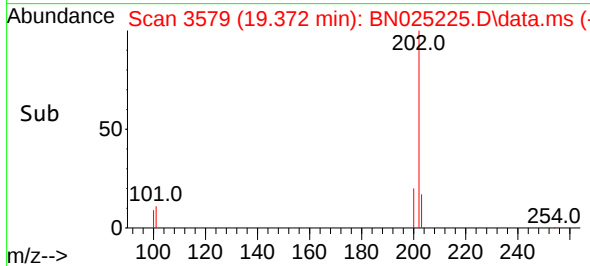
Instrument :
BNA_N
ClientSampleId :
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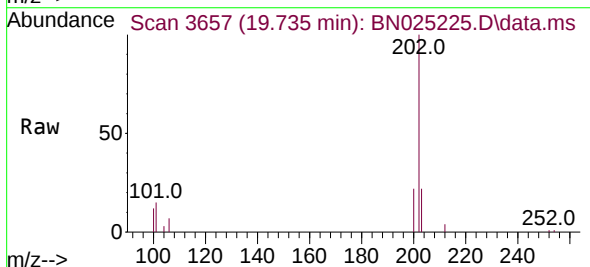
Tgt Ion:202 Resp: 135928
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.2 7.3 10.9

Manual Integrations
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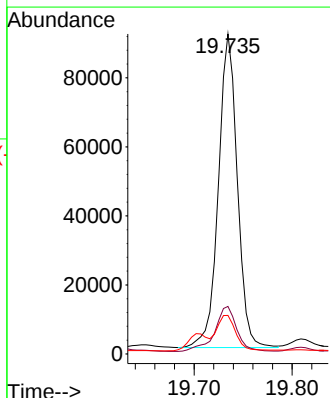
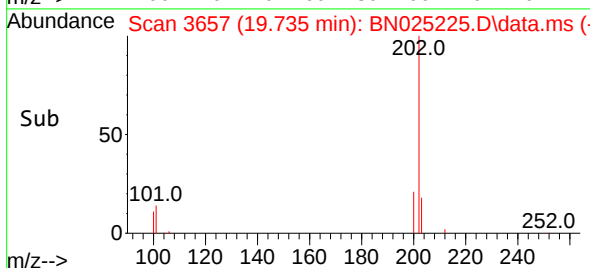
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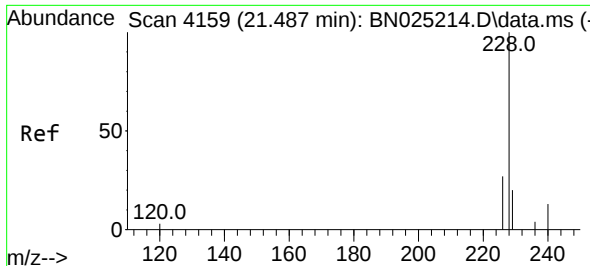


#20
Pyrene
Concen: 0.846 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59



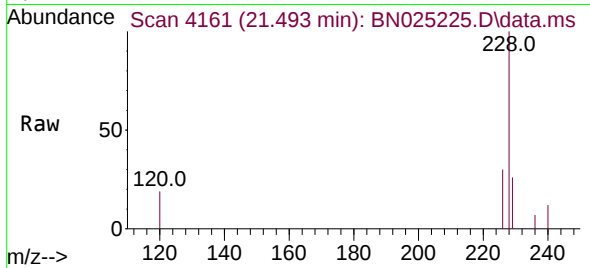
Tgt Ion:202 Resp: 122327
Ion Ratio Lower Upper
202 100
101 14.8 11.3 16.9
100 12.0 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.538 ng/u1
RT: 21.493 min Scan# 4159
Delta R.T. 0.006 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

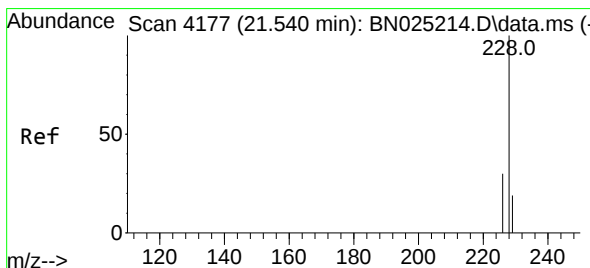
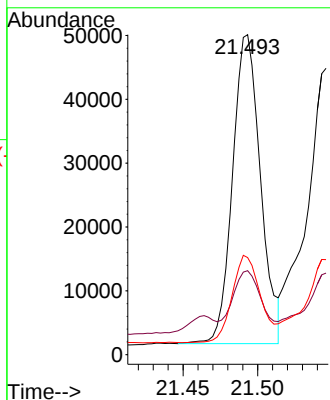
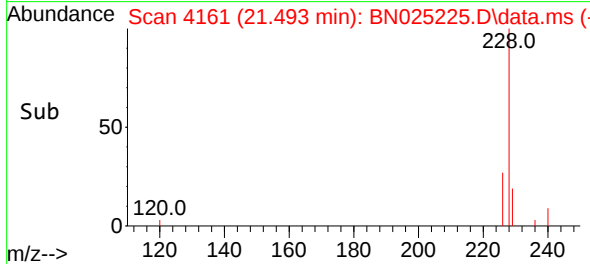
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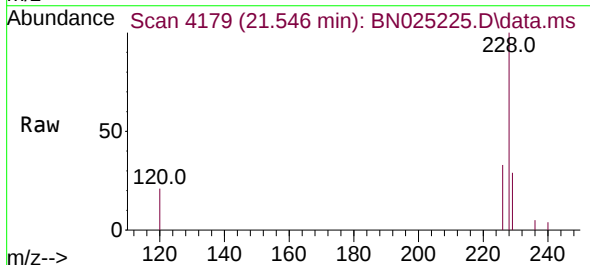
Tgt Ion:228 Resp: 63090
Ion Ratio Lower Upper
228 100
229 26.3 15.6 23.4
226 30.3 22.1 33.1

Manual Integrations
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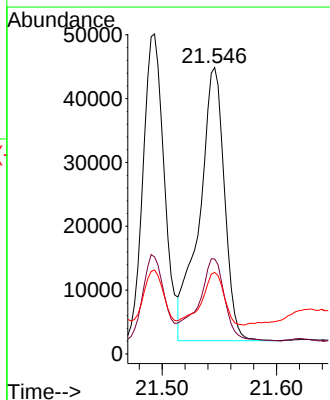
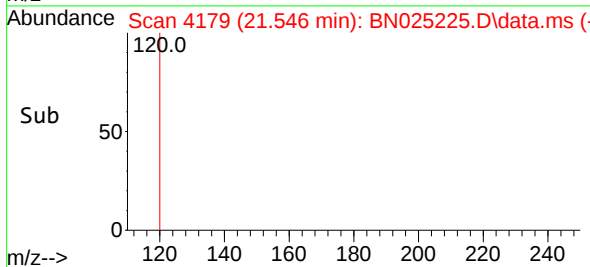
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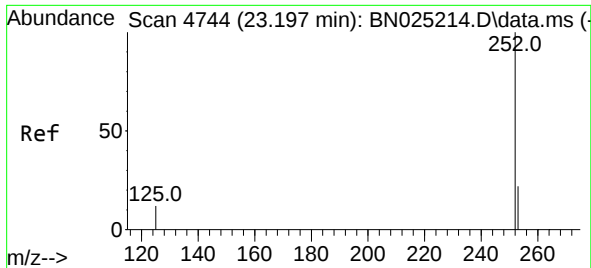


#22
Chrysene
Concen: 0.507 ng/u1
RT: 21.546 min Scan# 4179
Delta R.T. 0.006 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59



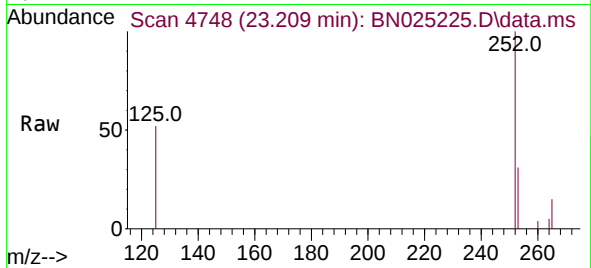
Tgt Ion:228 Resp: 64912
Ion Ratio Lower Upper
228 100
226 33.2 24.5 36.7
229 28.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.544 ng/ul m
RT: 23.209 min Scan# 4748
Delta R.T. 0.012 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

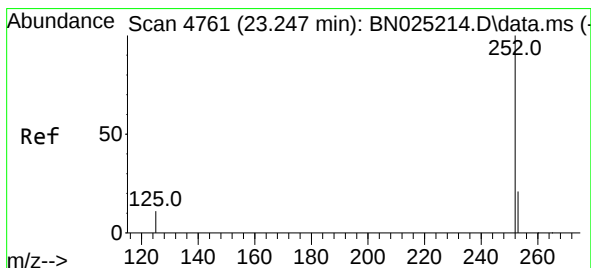
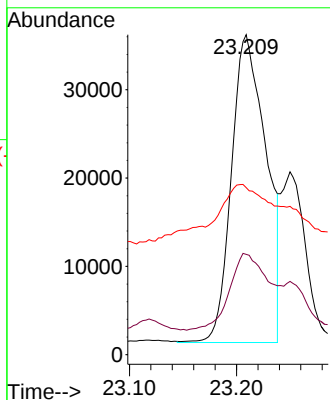
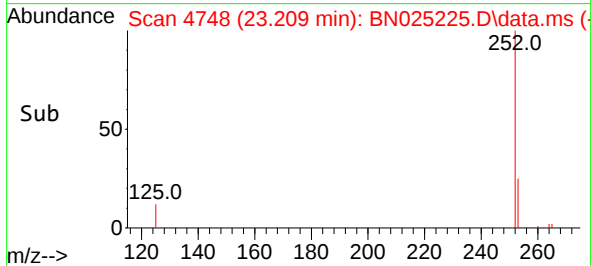
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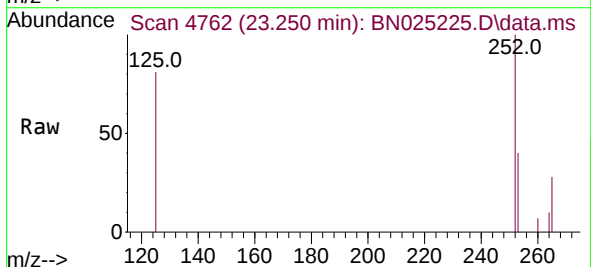
Tgt Ion:252 Resp: 78498
Ion Ratio Lower Upper
252 100
253 31.4 0.0 50.2
125 52.2 0.0 30.4

Manual Integrations
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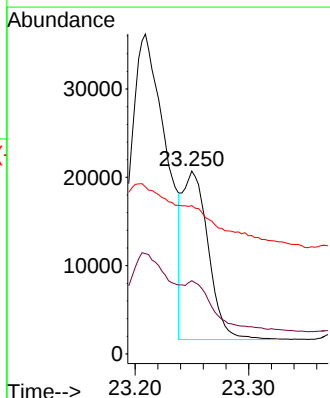
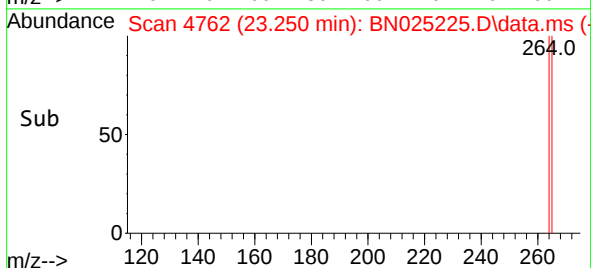
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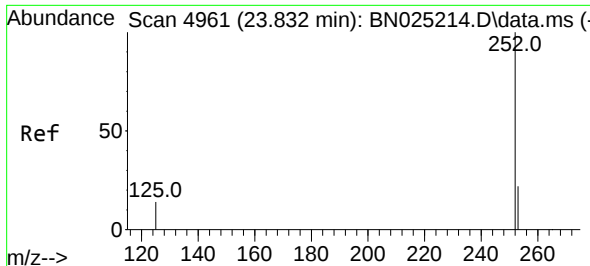


#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. 0.003 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59



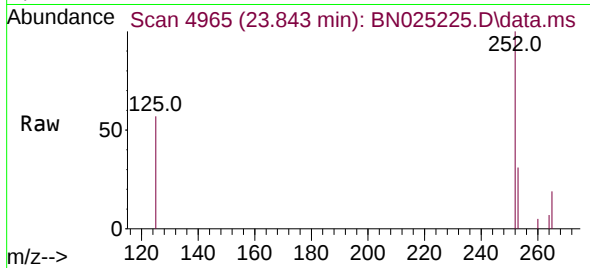
Tgt Ion:252 Resp: 30186
Ion Ratio Lower Upper
252 100
253 40.0 20.2 30.4#
125 81.0 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.843 min Scan# 4961
Delta R.T. 0.012 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

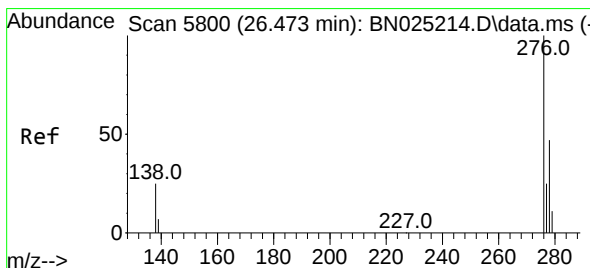
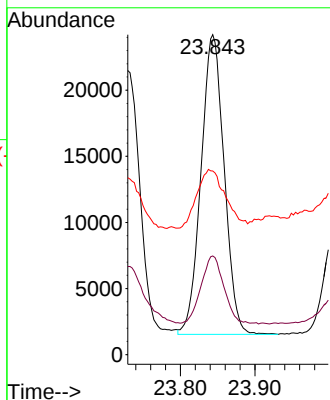
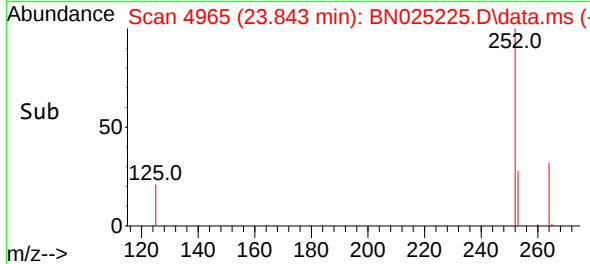
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Tgt Ion:252 Resp: 4891
Ion Ratio Lower Upper
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253 30.8 21.4 32.2
125 57.4 14.6 22.0

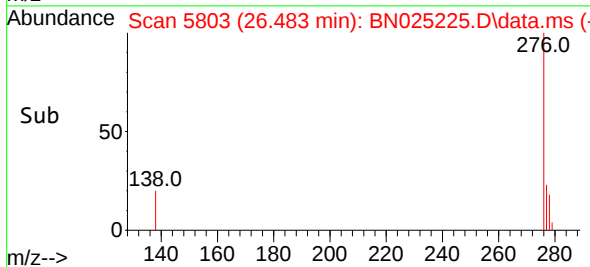
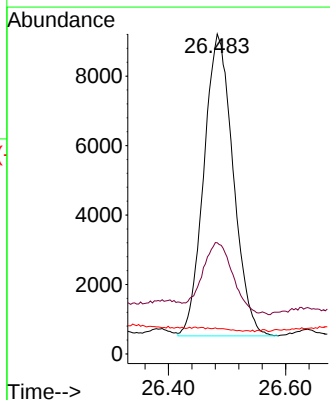
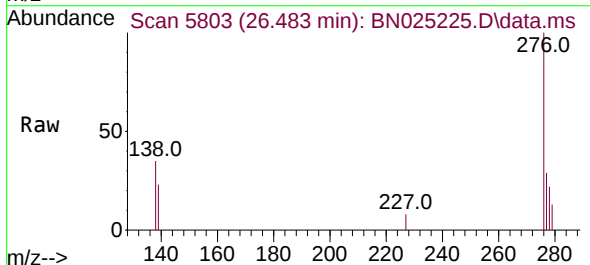
Manual Integrations
APPROVED

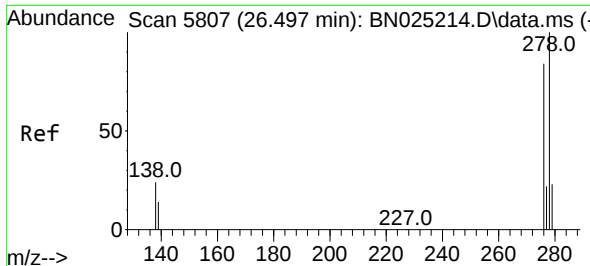
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng/ul
RT: 26.483 min Scan# 5803
Delta R.T. 0.010 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

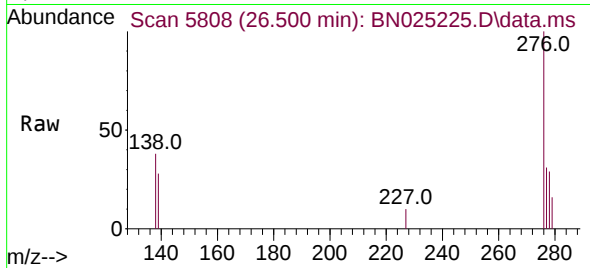
Tgt Ion:276 Resp: 30157
Ion Ratio Lower Upper
276 100
138 24.0 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. 0.003 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59

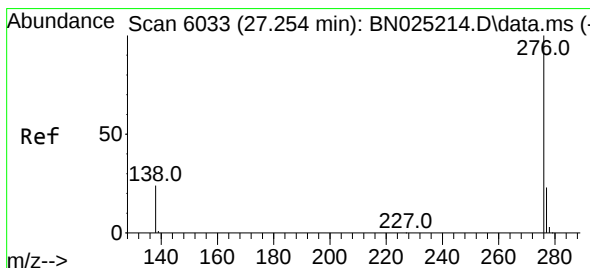
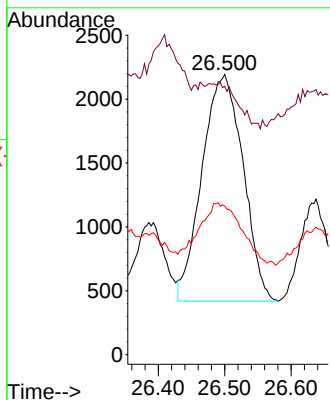
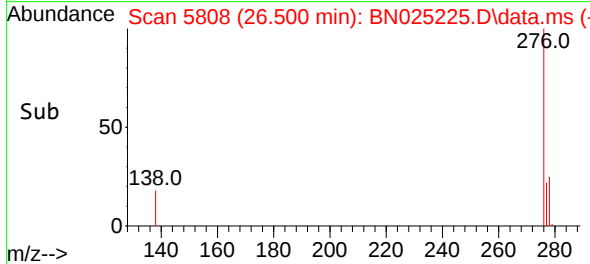
Instrument :
BNA_N
ClientSampleId :
EW926DL



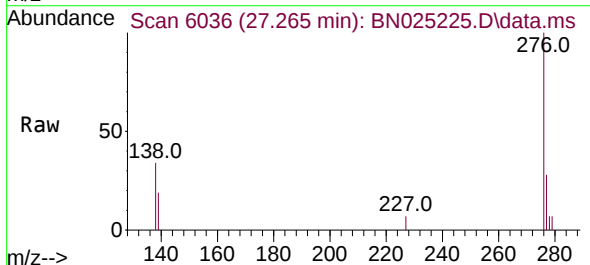
Tgt Ion:278 Resp: 7620
Ion Ratio Lower Upper
278 100
139 95.8 17.0 25.6
279 53.0 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 27.265 min Scan# 6036
Delta R.T. 0.010 min
Lab File: BN025225.D
Acq: 02 May 2023 17:59



Tgt Ion:276 Resp: 30134
Ion Ratio Lower Upper
276 100
138 34.4 20.3 30.5
277 28.2 19.8 29.6

