

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027951.D
 Acq On : 29 Sep 2023 06:56
 Operator : MA/JU
 Sample : 04417-40DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 07:26:55 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	7.971	152	9295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	33486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	19952	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	42827	0.400	ng/ul	0.02
17) Chrysene-d12	21.557	240	29420	0.400	ng/ul	# 0.02
23) Perylene-d12	24.047	264	30432	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3529	0.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	1118	0.022	ng/ul	0.01
18) Fluoranthene-d10	19.394	212	2269	0.025	ng/ul	0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	6930	0.072	ng/ul	96
7) 2-Methylnaphthalene	12.445	142	10367	0.171	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	7393	0.118	ng/ul	99
11) Acenaphthene	14.680	153	1555	0.021	ng/ul#	88
15) Phenanthrene	17.413	178	43545	0.324	ng/ul	98
16) Anthracene	17.506	178	4640	0.041	ng/ul#	72
19) Fluoranthene	19.427	202	34999	0.294	ng/ul	97
20) Pyrene	19.794	202	26255	0.214	ng/ul	97
21) Benzo(a)anthracene	21.539	228	11408	0.100	ng/ul#	9
22) Chrysene	21.595	228	24494m	0.208	ng/ul	
24) Benzo(b)fluoranthene	23.278	252	20439m	0.151	ng/ul	
25) Benzo(k)fluoranthene	23.322	252	7300m	0.056	ng/ul	
26) Benzo(a)pyrene	23.933	252	11677	0.107	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.676	276	10554	0.076	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.680	278	3616	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.495	276	11722	0.099	ng/ul#	1

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

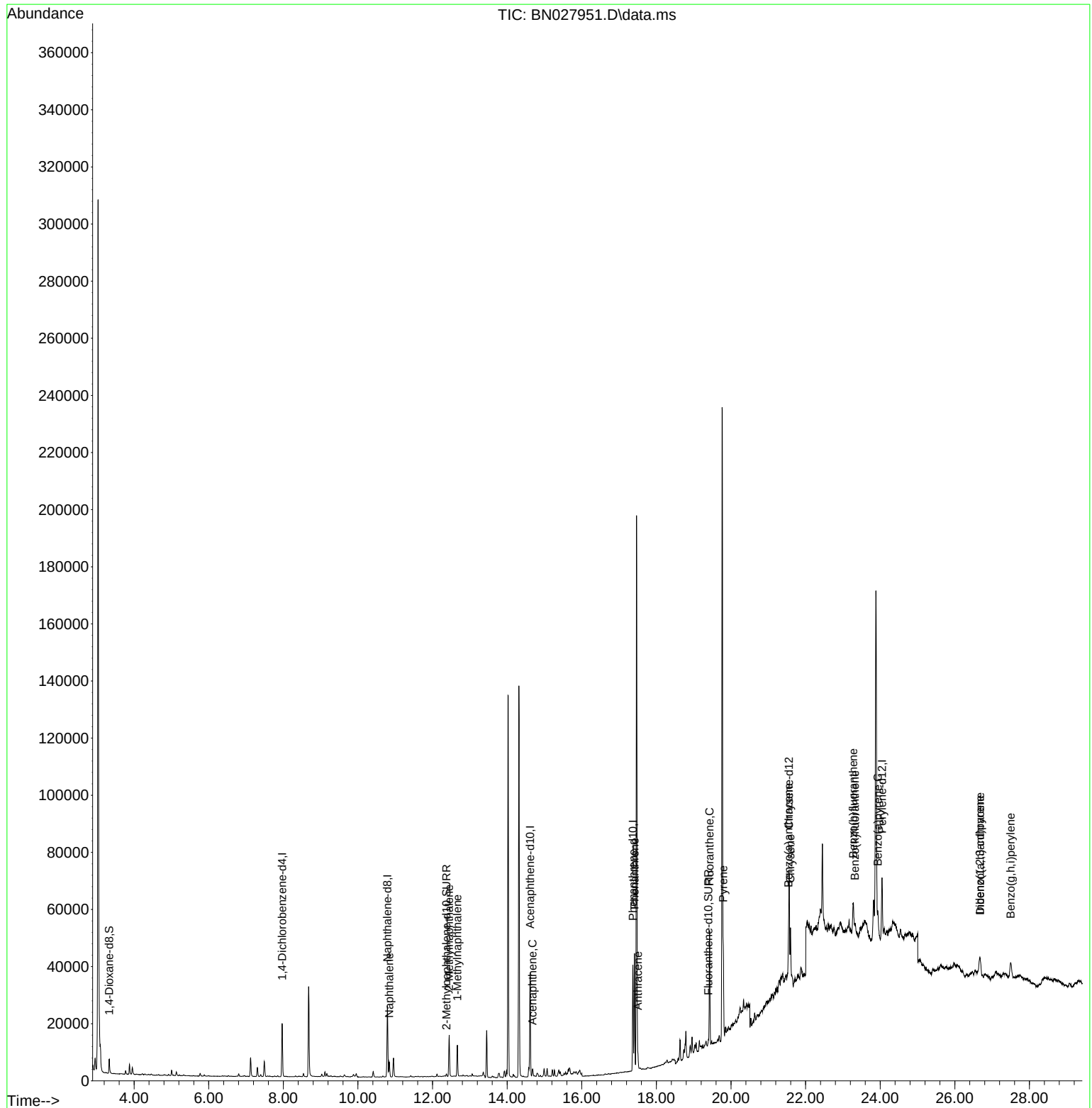
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027951.D
Acq On : 29 Sep 2023 06:56
Operator : MA/JU
Sample : 04417-40DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

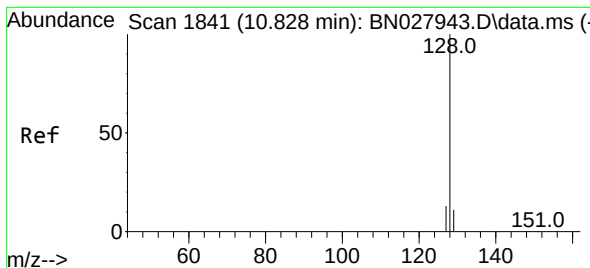
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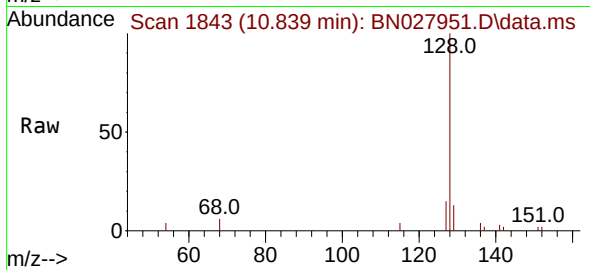
Quant Time: Sep 29 07:26:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.839 min Scan# 1843
Delta R.T. 0.005 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

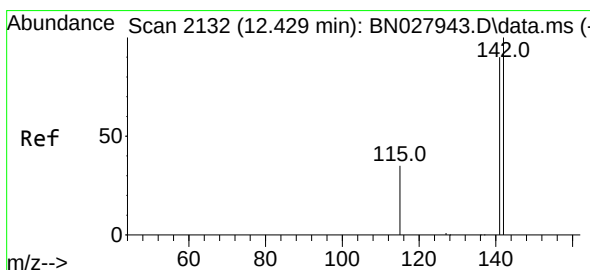
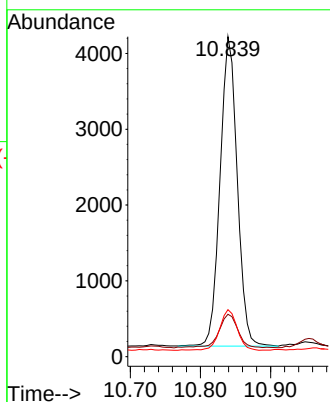
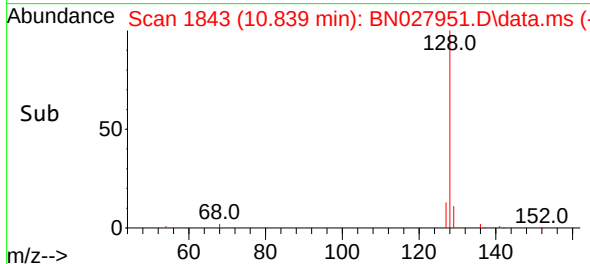
Instrument :
BNA_N
ClientSampleId :
EZY7DL



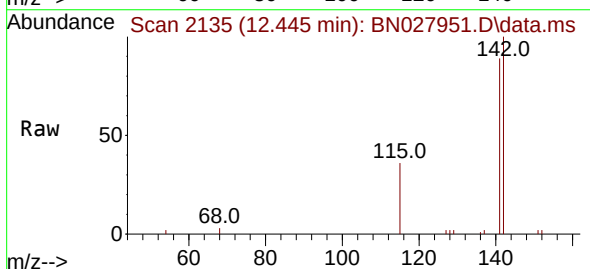
Tgt Ion:128 Resp: 6930
Ion Ratio Lower Upper
128 100
129 13.2 9.3 13.9
127 14.7 10.7 16.1

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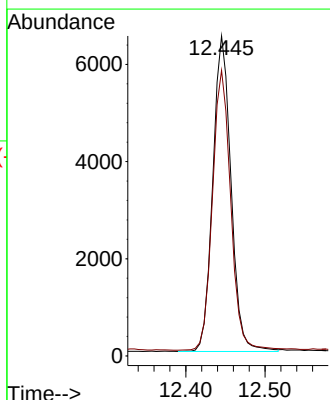
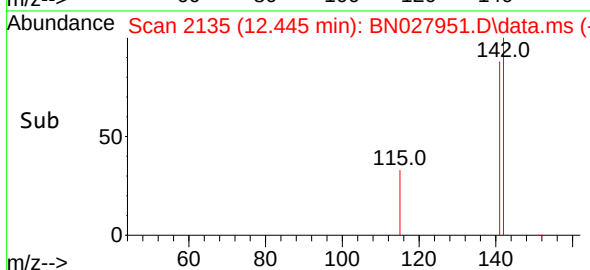
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

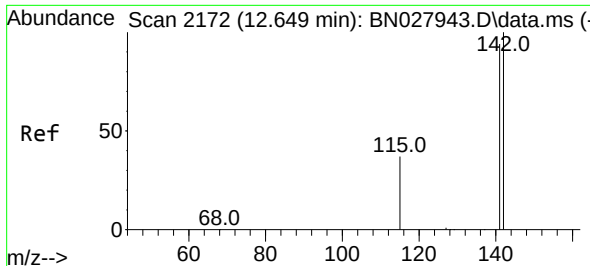


#7
2-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56



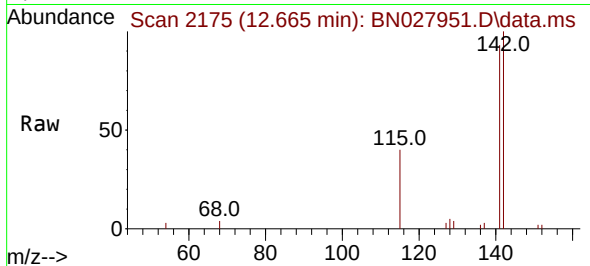
Tgt Ion:142 Resp: 10367
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.665 min Scan# 2175
Delta R.T. 0.011 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

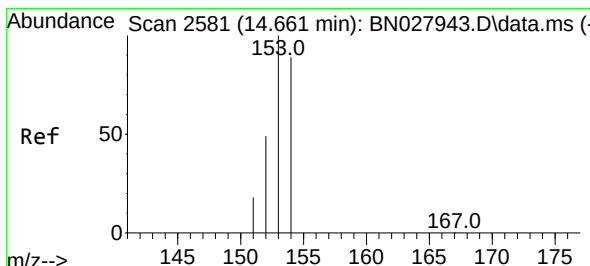
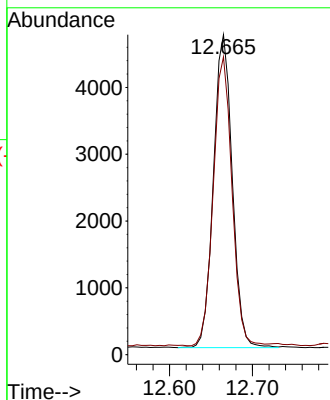
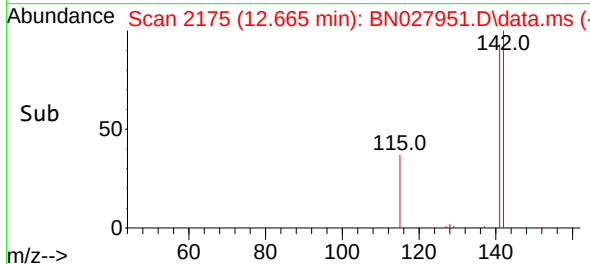
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:142 Resp: 739
Ion Ratio Lower Upper
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141 92.1 72.8 109.2

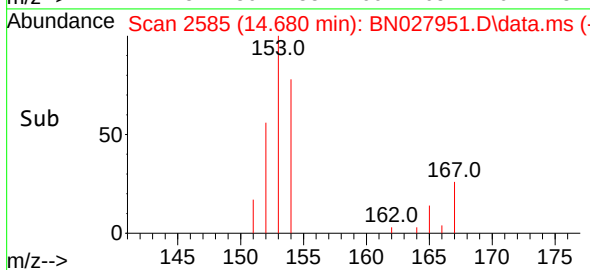
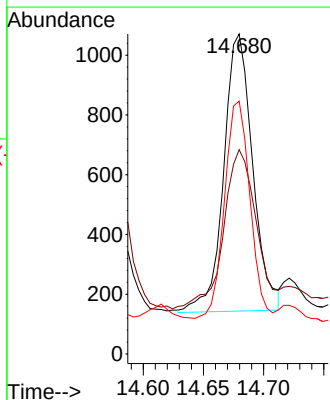
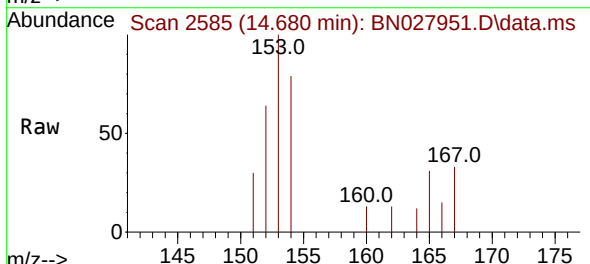
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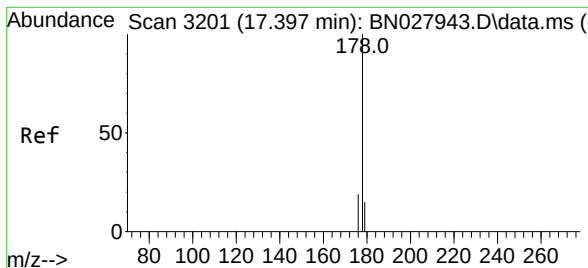
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.680 min Scan# 2585
Delta R.T. 0.014 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

Tgt Ion:153 Resp: 1555
Ion Ratio Lower Upper
153 100
152 63.9 41.7 62.5#
154 79.0 70.3 105.5





#15

Phenanthrene

Concen: 0.324 ng/u1

RT: 17.413 min Scan# 3205

Delta R.T. 0.017 min

Lab File: BN027951.D

Acq: 29 Sep 2023 06:56

Instrument :

BNA_N

ClientSampleId :

EZY7DL

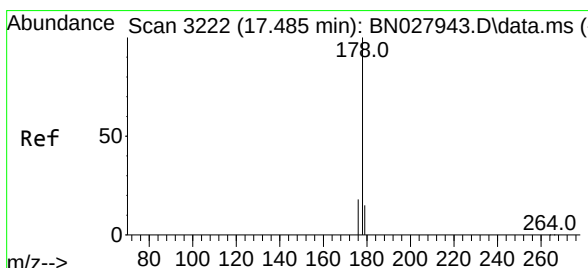
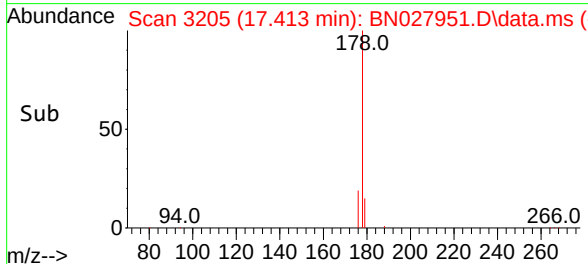
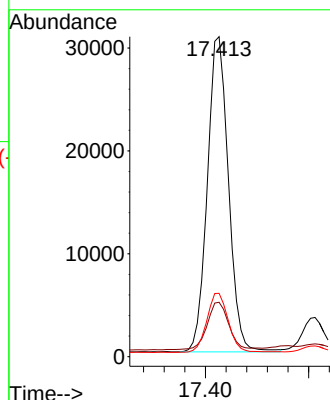
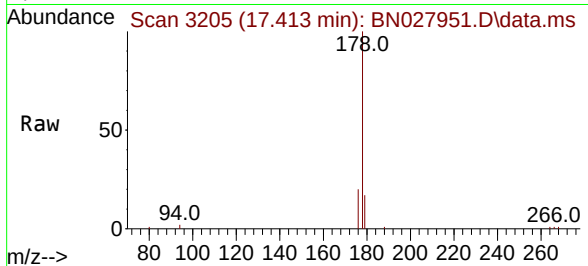
Tgt Ion:178	Resp:	4354
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.4 18.6
176	19.8	16.0 24.0

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Supervised By :mohammad ahmed 09/30/2023



#16

Anthracene

Concen: 0.041 ng/u1

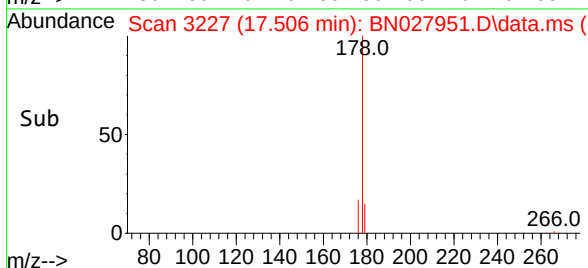
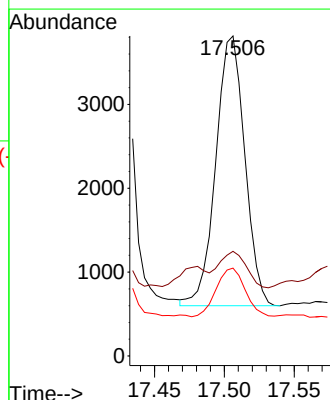
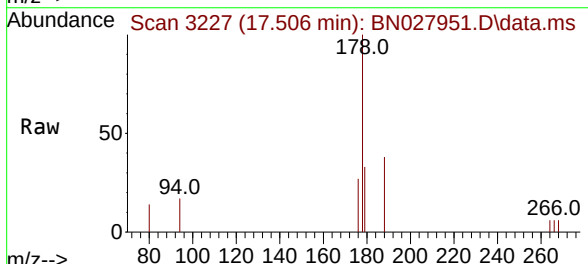
RT: 17.506 min Scan# 3227

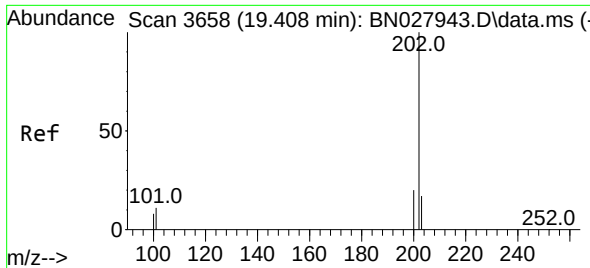
Delta R.T. 0.017 min

Lab File: BN027951.D

Acq: 29 Sep 2023 06:56

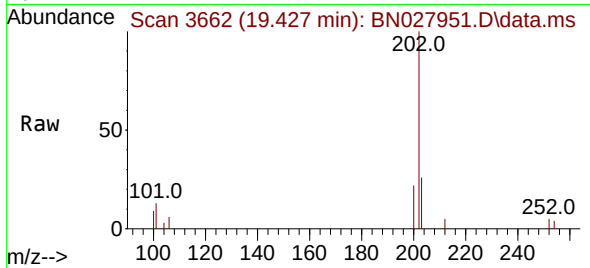
Tgt Ion:178	Resp:	4640
Ion Ratio	Lower	Upper
178	100	
179	32.7	12.6 19.0#
176	27.5	15.5 23.3#





#19
Fluoranthene
Concen: 0.294 ng/u1
RT: 19.427 min Scan# 3662
Delta R.T. 0.019 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

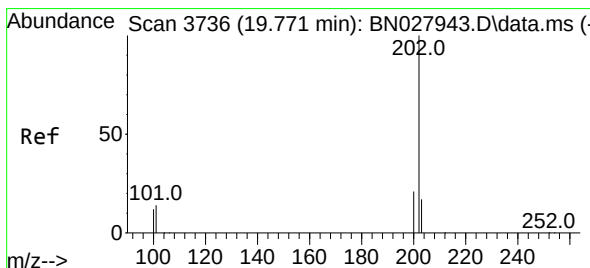
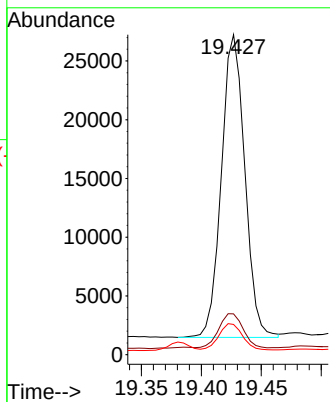
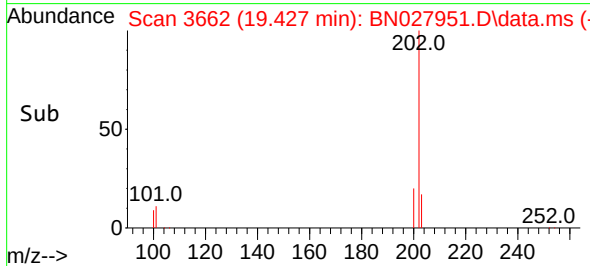
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:202 Resp: 3499
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 9.5 7.0 10.4

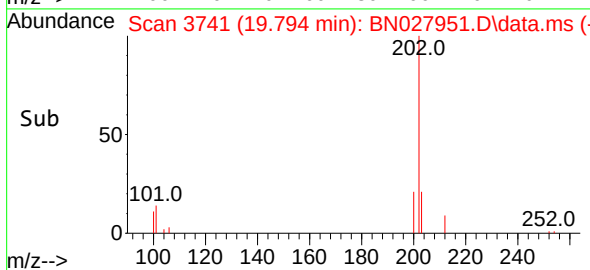
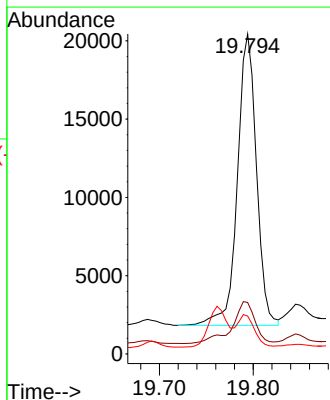
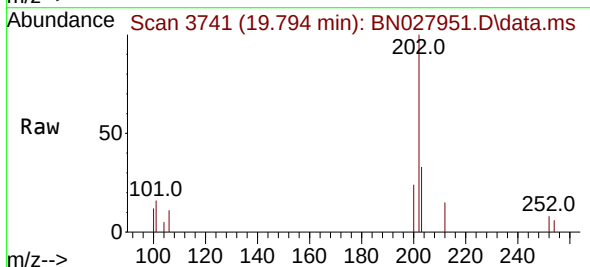
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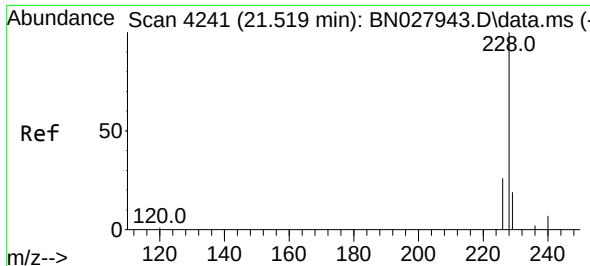
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#20
Pyrene
Concen: 0.214 ng/u1
RT: 19.794 min Scan# 3741
Delta R.T. 0.019 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

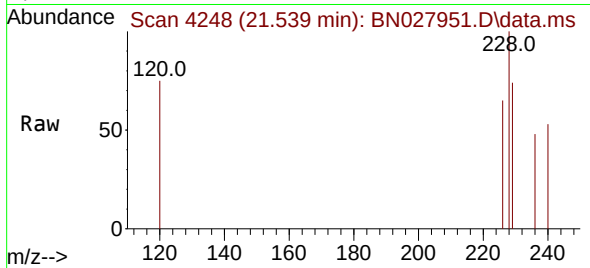
Tgt Ion:202 Resp: 26255
Ion Ratio Lower Upper
202 100
101 16.1 11.4 17.0
100 11.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.100 ng/ul
RT: 21.539 min Scan# 4241
Delta R.T. 0.020 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

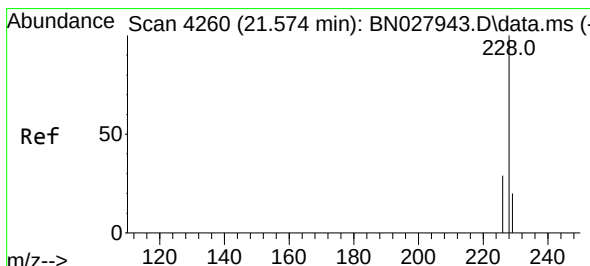
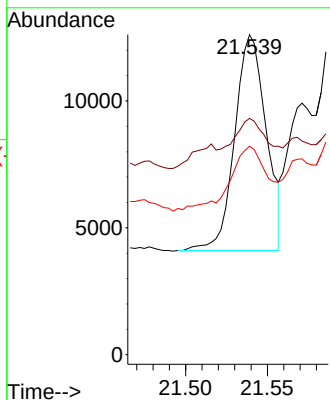
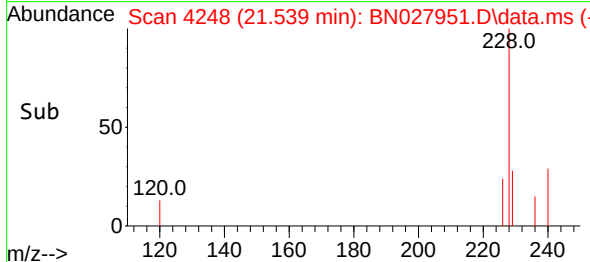
Instrument :
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ClientSampleId :
EZY7DL



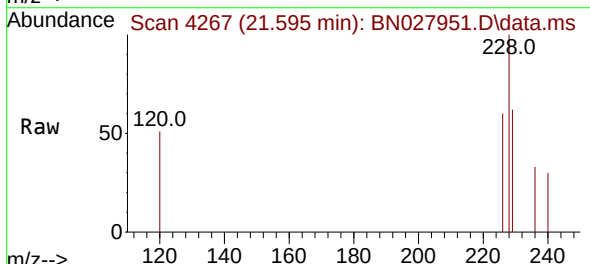
Tgt Ion:228 Resp: 11408
Ion Ratio Lower Upper
228 100
229 73.8 15.8 23.8#
226 65.1 22.0 33.0#

Manual Integrations
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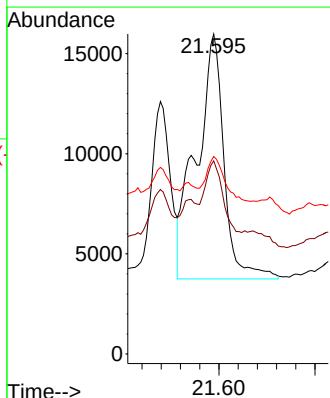
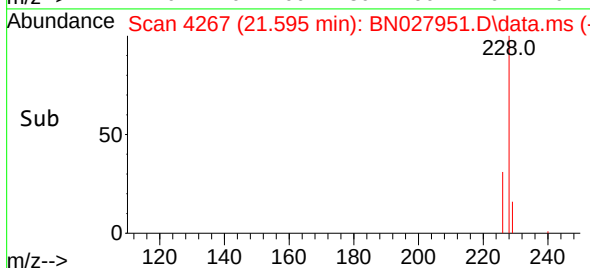
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

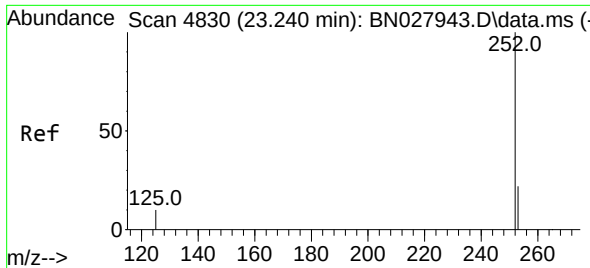


#22
Chrysene
Concen: 0.208 ng/ul m
RT: 21.595 min Scan# 4267
Delta R.T. 0.020 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56



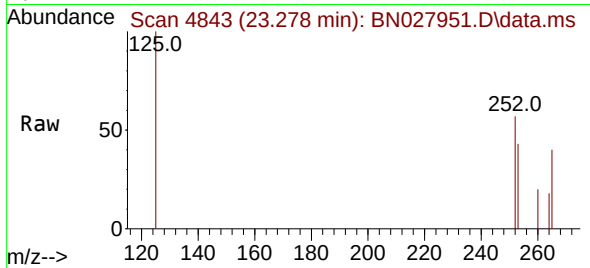
Tgt Ion:228 Resp: 24494
Ion Ratio Lower Upper
228 100
226 60.3 24.5 36.7#
229 61.7 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.151 ng/ul m
RT: 23.278 min Scan# 4843
Delta R.T. 0.038 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

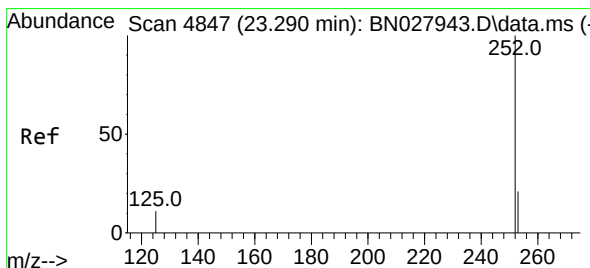
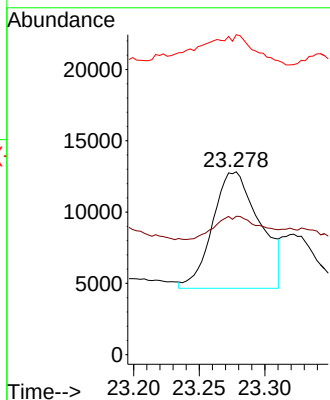
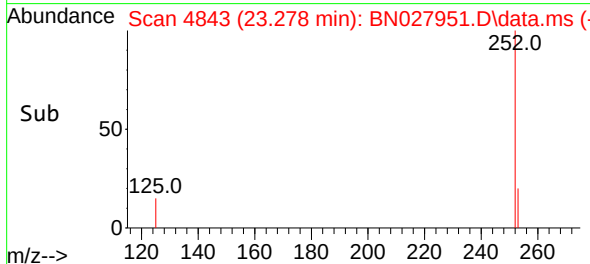
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ClientSampleId :
EZY7DL



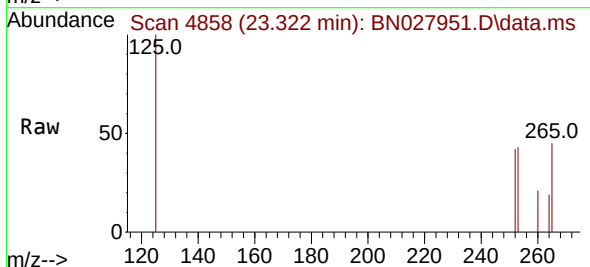
Tgt Ion:252 Resp: 20439
Ion Ratio Lower Upper
252 100
253 75.6 0.0 50.2
125 175.0 0.0 31.4

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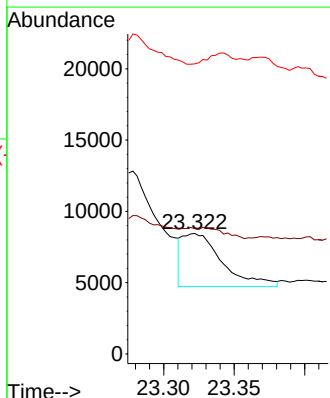
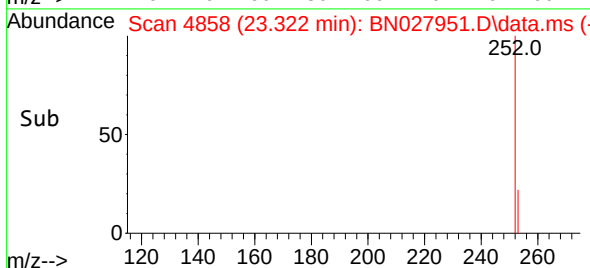
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023

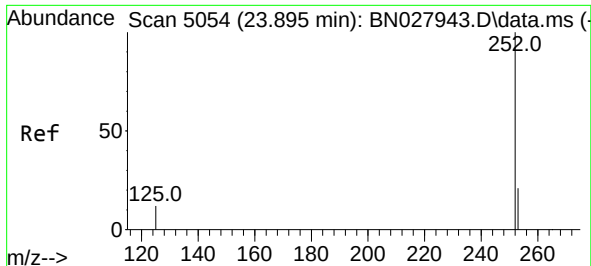


#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 23.322 min Scan# 4858
Delta R.T. 0.029 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56



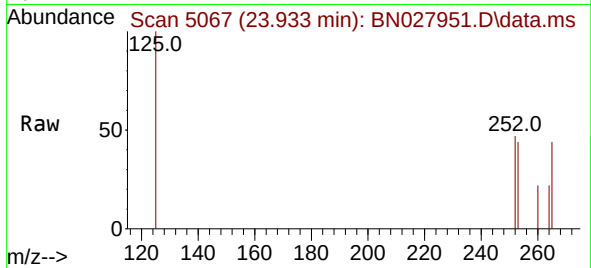
Tgt Ion:252 Resp: 7300
Ion Ratio Lower Upper
252 100
253 104.0 19.9 29.9#
125 240.7 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.107 ng/ul
RT: 23.933 min Scan# 5054
Delta R.T. 0.038 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

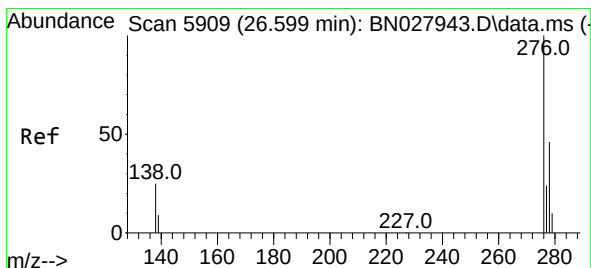
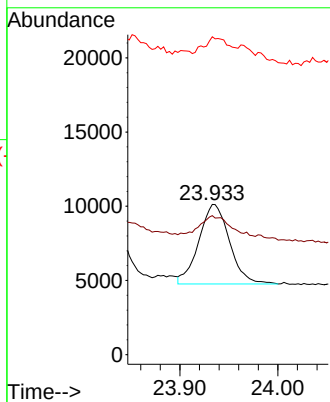
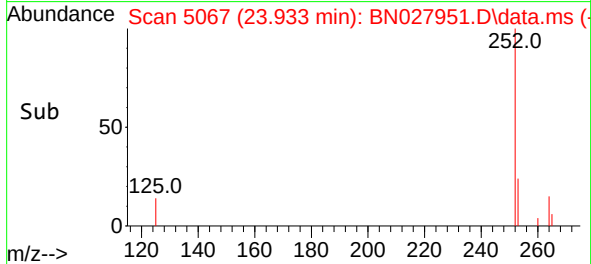
Instrument :
BNA_N
ClientSampleId :
EZY7DL



Tgt Ion:252 Resp: 1167
Ion Ratio Lower Upper
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125 211.6 15.5 23.3

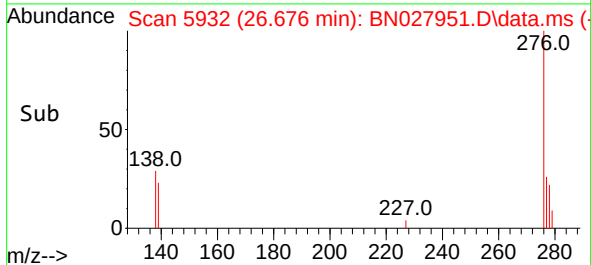
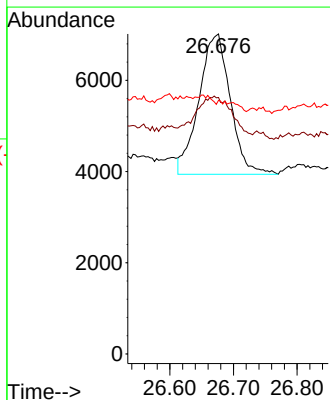
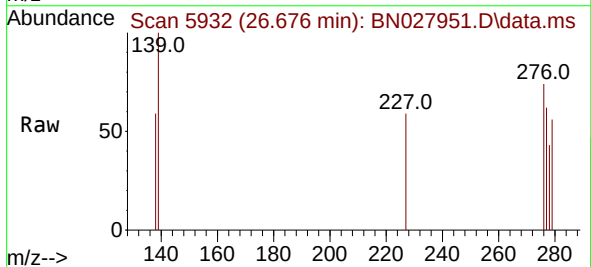
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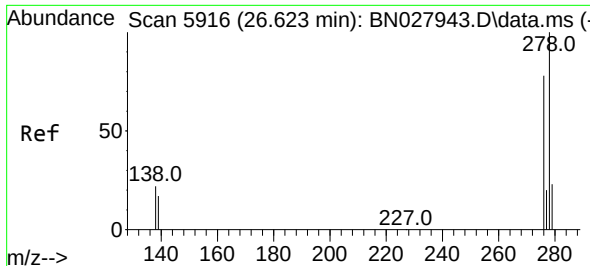
Reviewed By :Yogesh Patel 09/30/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 26.676 min Scan# 5932
Delta R.T. 0.077 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

Tgt Ion:276 Resp: 10554
Ion Ratio Lower Upper
276 100
138 30.3 24.3 36.5
227 0.0 0.0 0.0





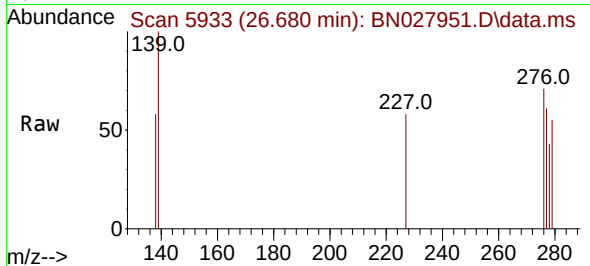
#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.680 min Scan# 5916
Delta R.T. 0.057 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56

Instrument :

BNA_N

ClientSampleId :

EZY7DL



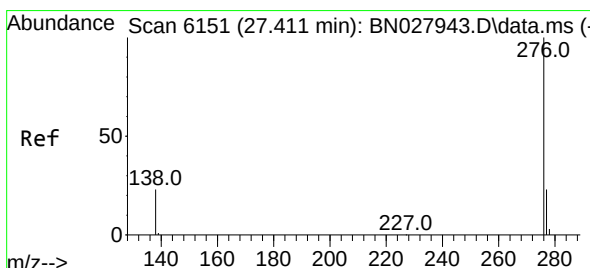
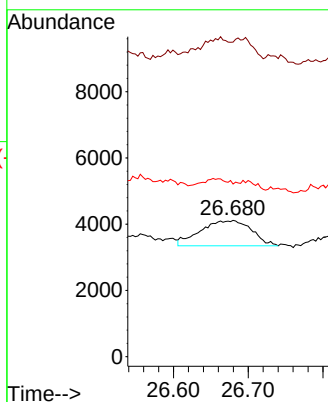
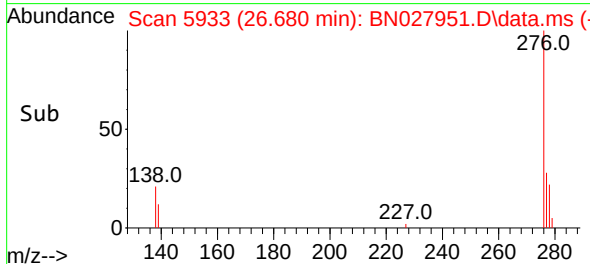
Tgt Ion:278 Resp: 3610
Ion Ratio Lower Upper
278 100
139 230.7 17.2 25.8#
279 126.6 21.4 32.0#

Manual Integrations

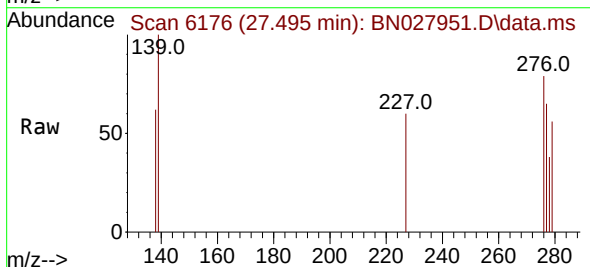
APPROVED

Reviewed By :Yogesh Patel 09/30/2023

Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 27.495 min Scan# 6176
Delta R.T. 0.084 min
Lab File: BN027951.D
Acq: 29 Sep 2023 06:56



Tgt Ion:276 Resp: 11722
Ion Ratio Lower Upper
276 100
138 78.5 21.7 32.5#
277 82.3 20.2 30.2#

