

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027023.D
 Acq On : 22 Aug 2023 10:57
 Operator : MA/JU
 Sample : 03968-26
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 22 11:38:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	7264	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	24519	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	14346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	31252	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	26128	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	23301	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	41971	4.867	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	9043	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	22472	0.272	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	2330	0.034	ng/ul#	83
10) Acenaphthylene	14.458	152	3396	0.042	ng/ul#	91
11) Acenaphthene	14.791	153	1128	0.020	ng/ul	97
12) Fluorene	15.772	166	1745	0.028	ng/ul#	93
15) Phenanthrene	17.515	178	35250	0.343	ng/ul	100
16) Anthracene	17.608	178	7608	0.082	ng/ul#	94
19) Fluoranthene	19.520	202	92594	0.853	ng/ul	100
20) Pyrene	19.887	202	82531m	0.713	ng/ul	
21) Benzo(a)anthracene	21.630	228	39656	0.382	ng/ul	97
22) Chrysene	21.685	228	46924m	0.457	ng/ul	
24) Benzo(b)fluoranthene	23.398	252	56286m	0.639	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	21130m	0.243	ng/ul	
26) Benzo(a)pyrene	24.076	252	34261	0.431	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.871	276	22180	0.213	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.894	278	5418	0.065	ng/ul#	38
29) Benzo(g,h,i)perylene	27.716	276	20499	0.237	ng/ul	93

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

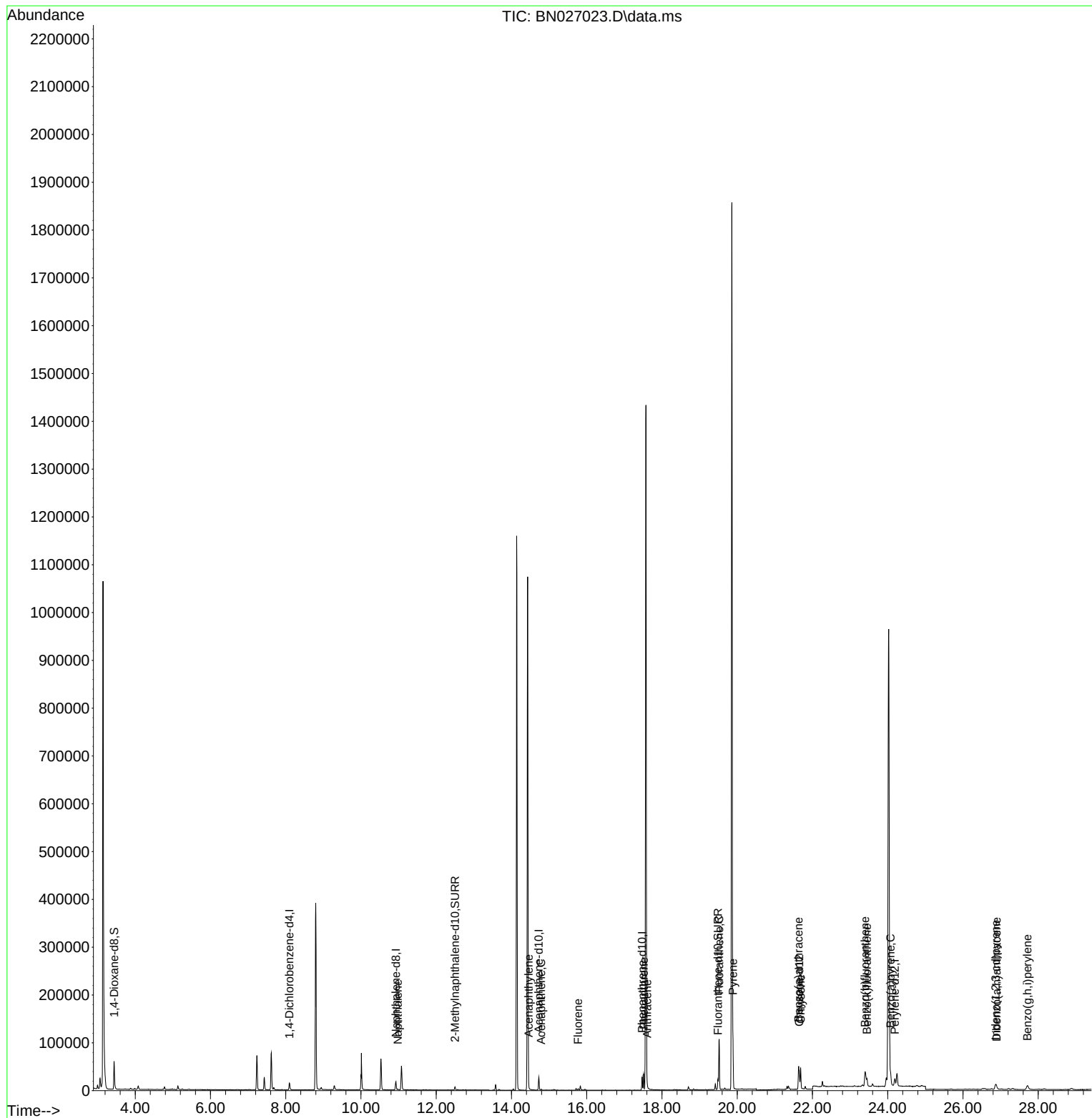
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
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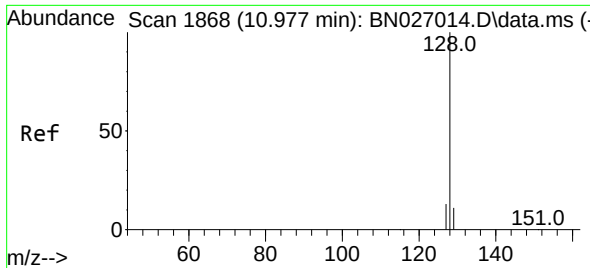
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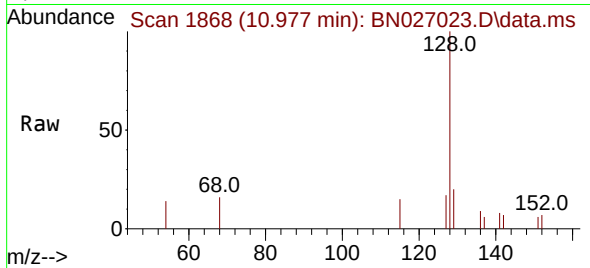
Quant Time: Aug 22 11:38:15 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

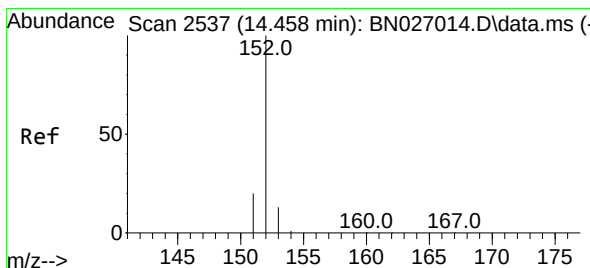
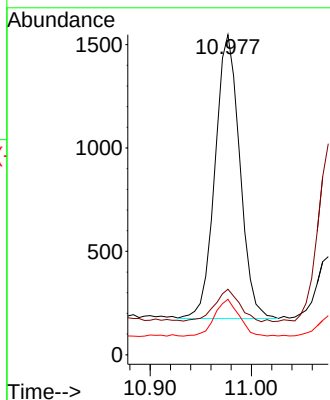
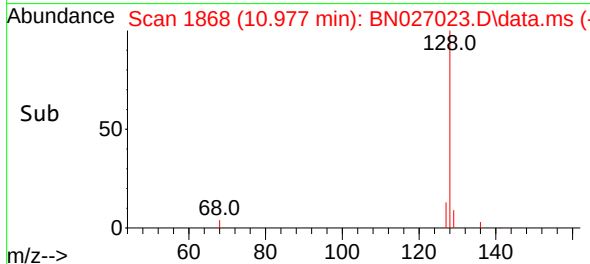
Instrument :
BNA_N
ClientSampleId :
A48P3



Tgt Ion:128 Resp: 2330
Ion Ratio Lower Upper
128 100
129 20.5 9.2 13.8
127 17.3 10.5 15.7

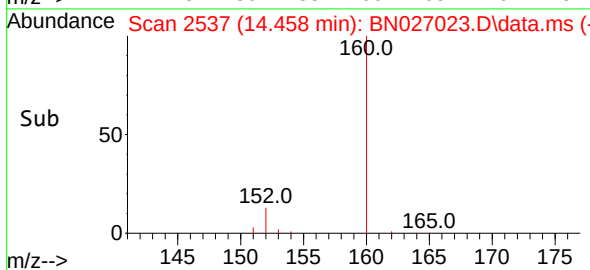
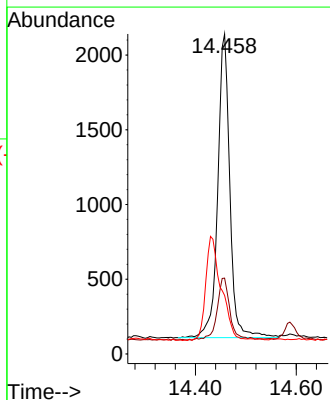
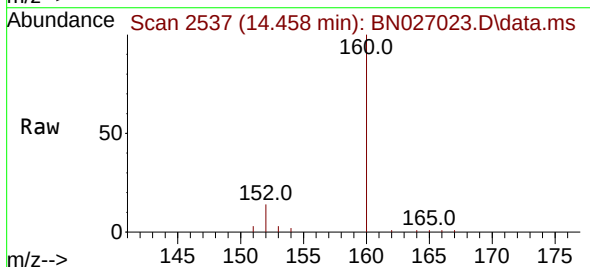
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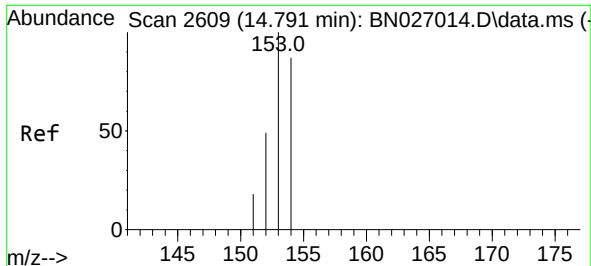
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

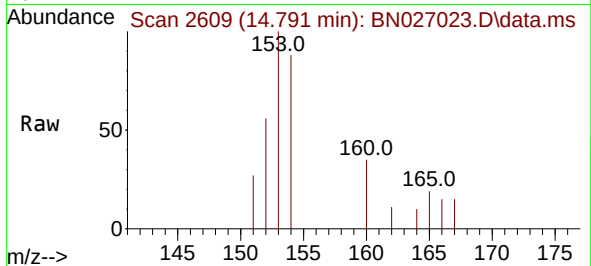
Tgt Ion:152 Resp: 3396
Ion Ratio Lower Upper
152 100
151 23.7 15.9 23.9
153 18.3 11.0 16.6





#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

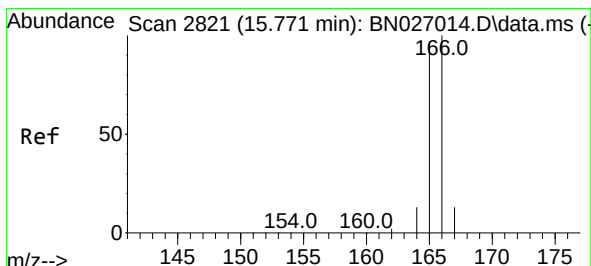
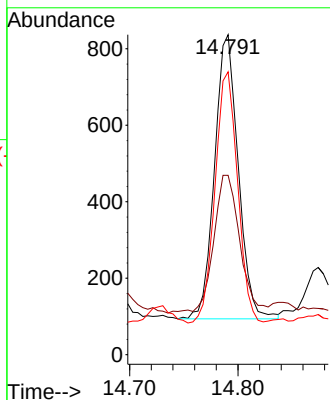
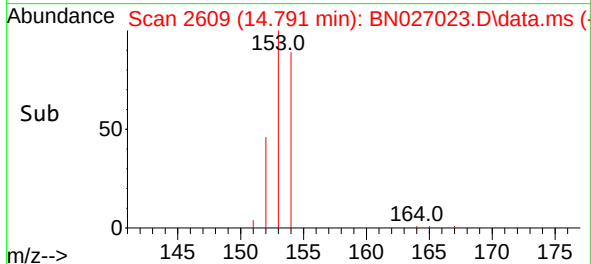
Instrument :
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Tgt Ion:153 Resp: 1128
Ion Ratio Lower Upper
153 100
152 56.0 41.1 61.7
154 88.4 71.6 107.4

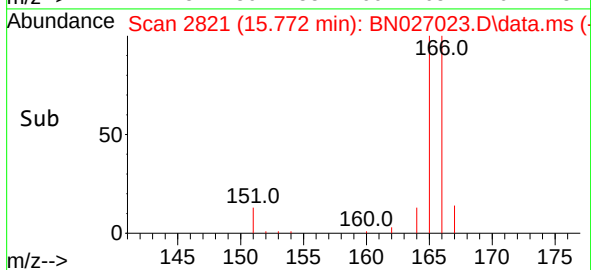
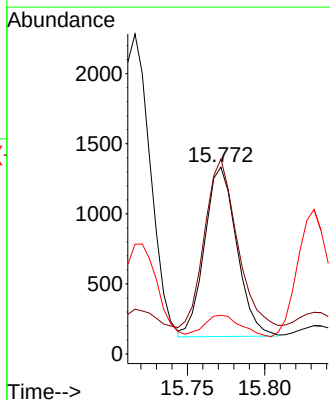
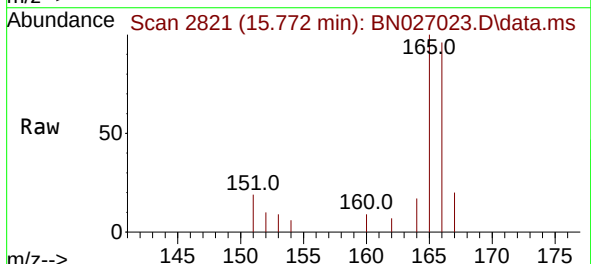
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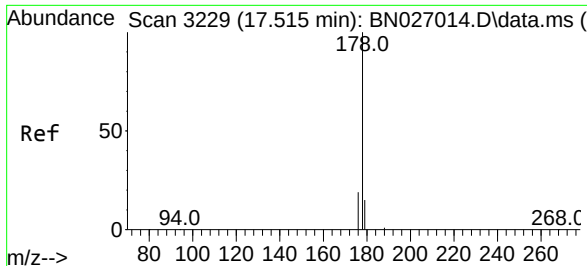
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

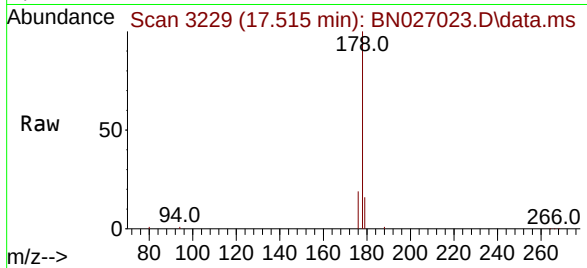
Tgt Ion:166 Resp: 1745
Ion Ratio Lower Upper
166 100
165 104.3 79.1 118.7
167 20.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.343 ng/u1
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

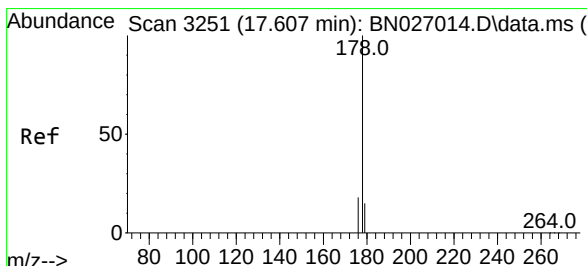
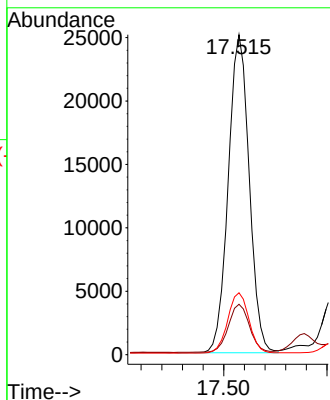
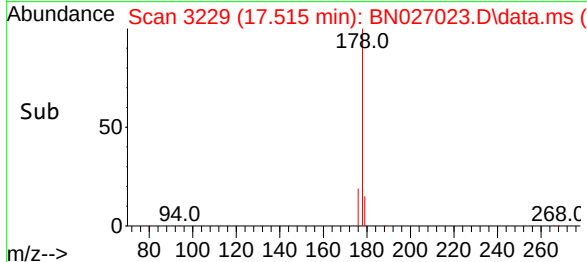
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 35250
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.4 23.2

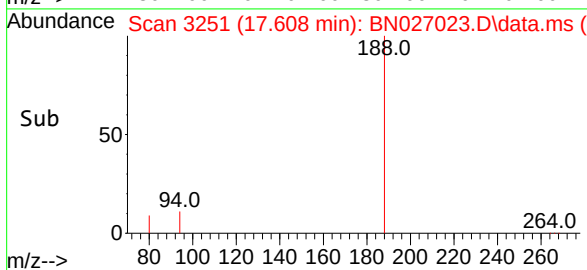
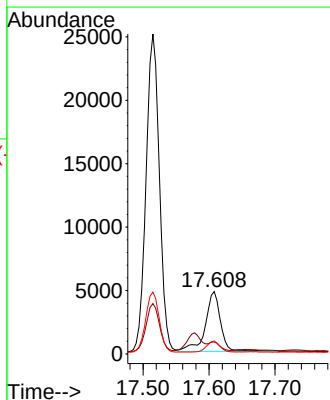
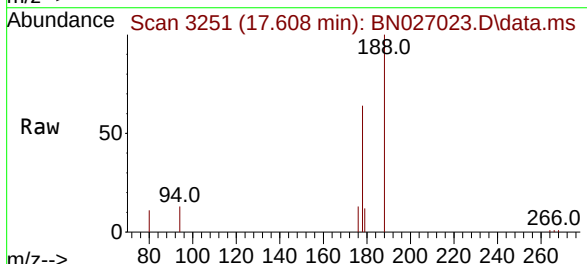
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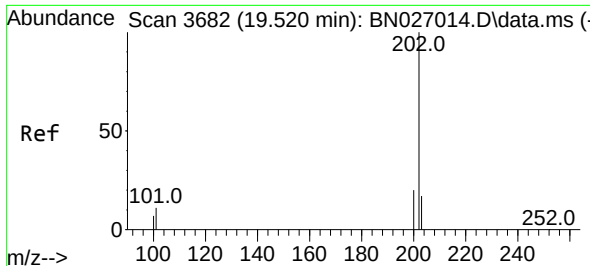
Reviewed By :Yogesh Patel 08/23/2023
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#16
Anthracene
Concen: 0.082 ng/u1
RT: 17.608 min Scan# 3251
Delta R.T. 0.000 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

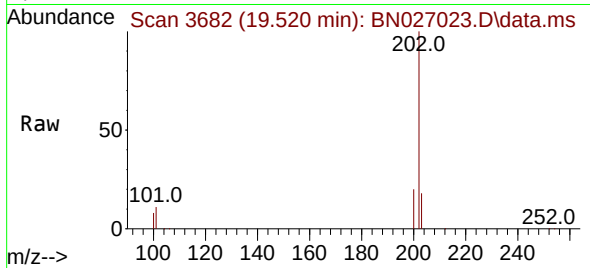
Tgt Ion:178 Resp: 7608
Ion Ratio Lower Upper
178 100
179 19.1 12.6 19.0#
176 20.7 15.0 22.6





#19
Fluoranthene
Concen: 0.853 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

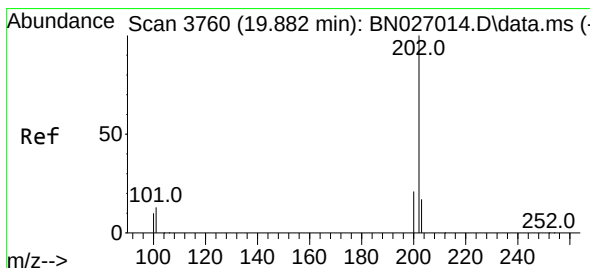
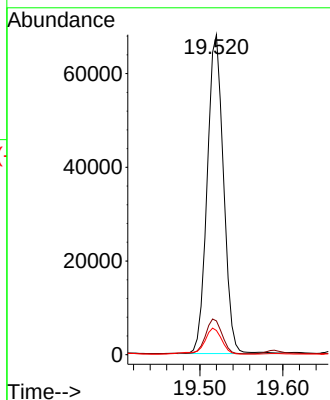
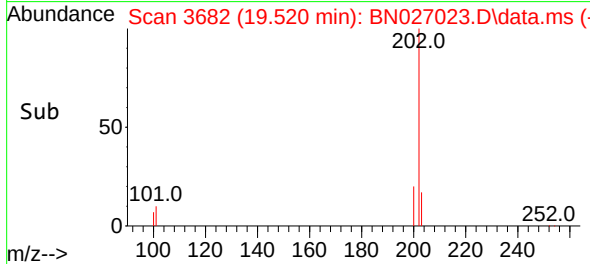
Instrument :
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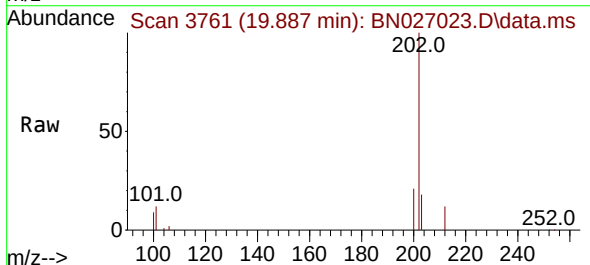
Tgt Ion:202 Resp: 92594
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 7.5 6.2 9.2

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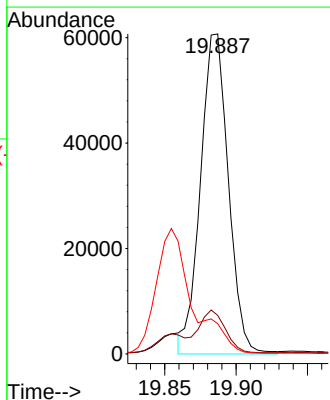
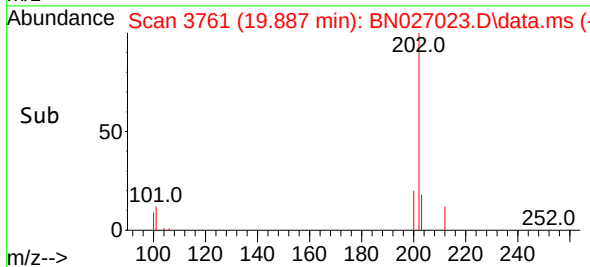
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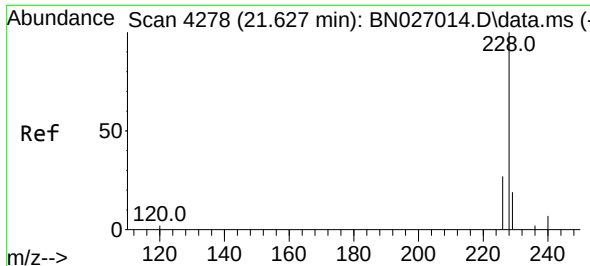


#20
Pyrene
Concen: 0.713 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. 0.000 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57



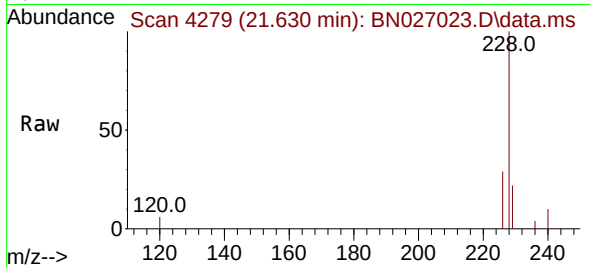
Tgt Ion:202 Resp: 82531
Ion Ratio Lower Upper
202 100
101 12.1 10.7 16.1
100 9.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.382 ng/ul
RT: 21.630 min Scan# 4278
Delta R.T. -0.003 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

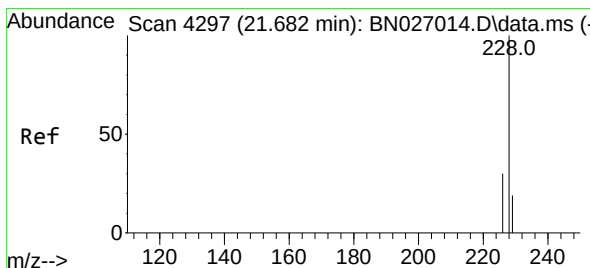
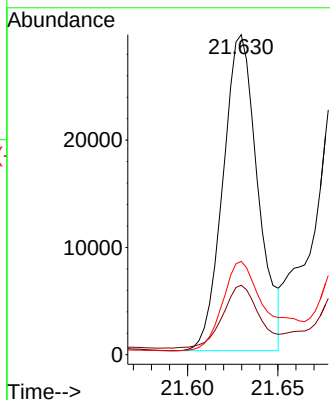
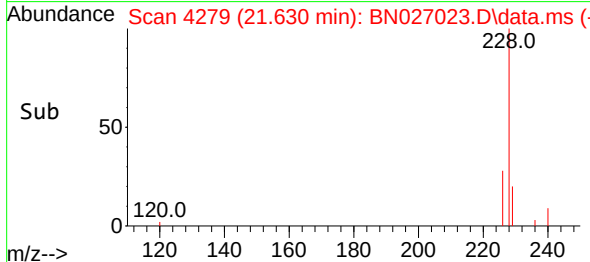
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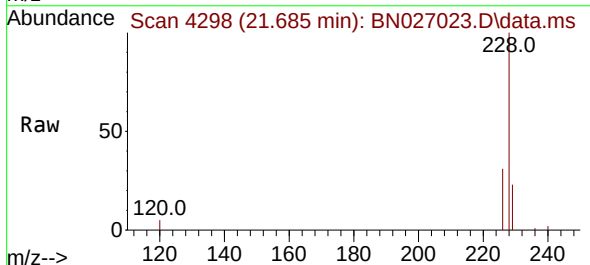
Tgt Ion:228 Resp: 39650
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.1 22.2 33.2

Manual Integrations
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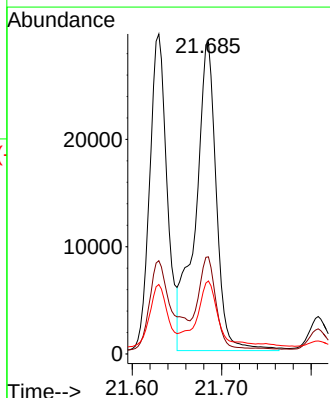
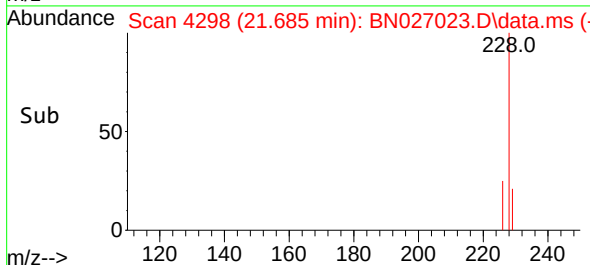
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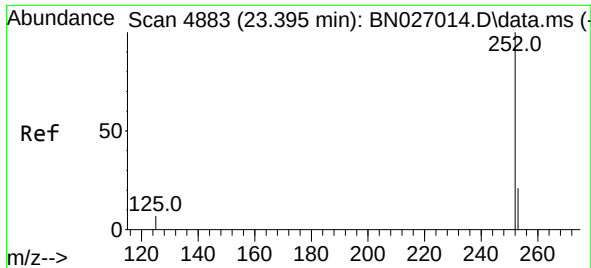


#22
Chrysene
Concen: 0.457 ng/ul m
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57



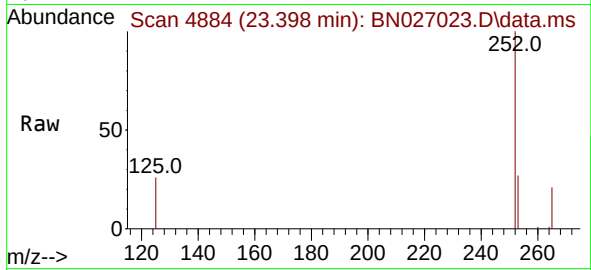
Tgt Ion:228 Resp: 46924
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 23.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul m
RT: 23.398 min Scan# 4883
Delta R.T. -0.009 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

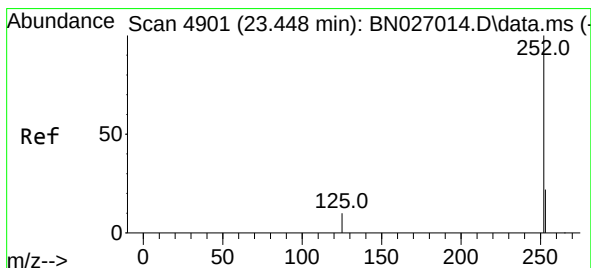
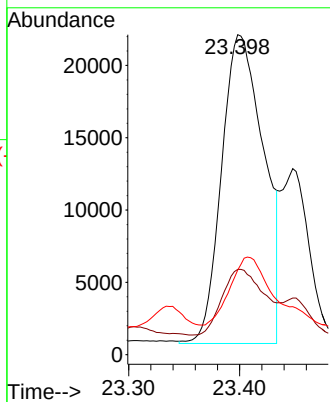
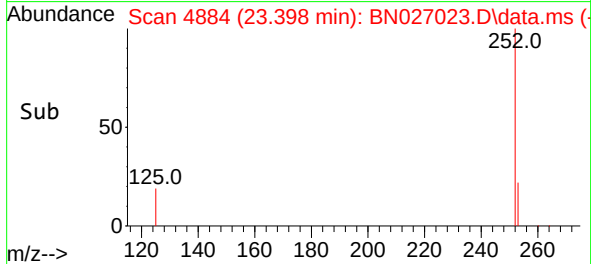
Instrument :
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A48P3



Tgt Ion:252 Resp: 56280
Ion Ratio Lower Upper
252 100
253 26.7 0.0 46.8
125 26.5 0.0 25.2

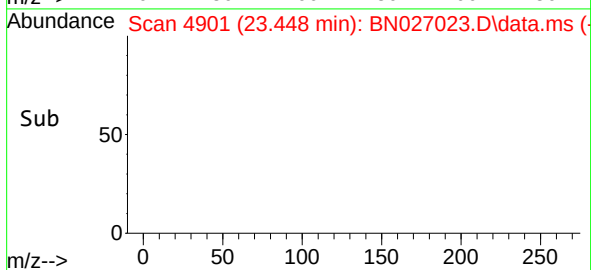
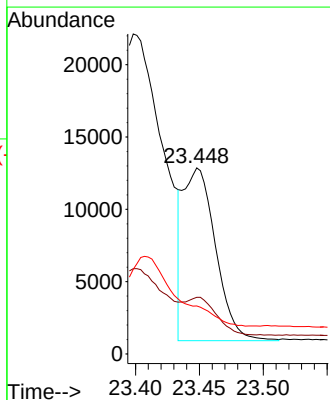
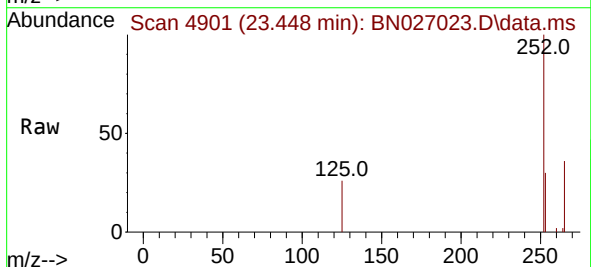
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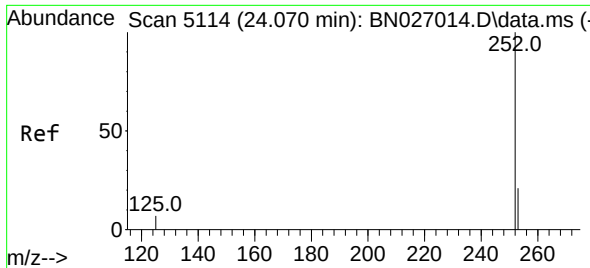
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.243 ng/ul m
RT: 23.448 min Scan# 4901
Delta R.T. -0.012 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

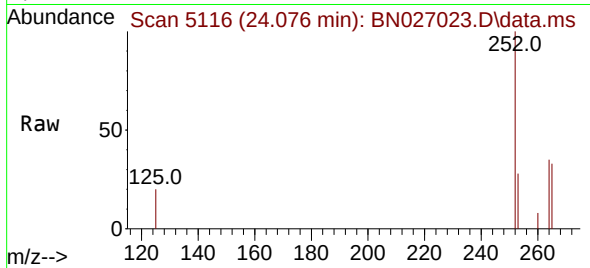
Tgt Ion:252 Resp: 21130
Ion Ratio Lower Upper
252 100
253 30.4 18.2 27.4#
125 25.8 9.9 14.9#





#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 24.076 min Scan# 5114
Delta R.T. -0.009 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

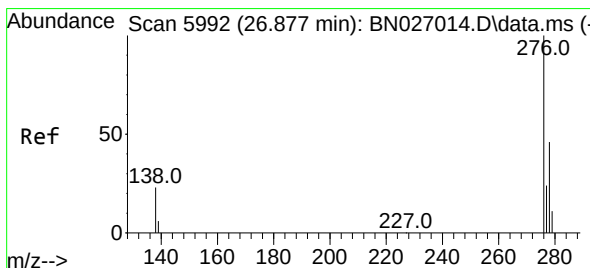
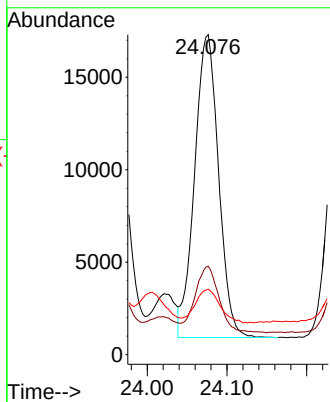
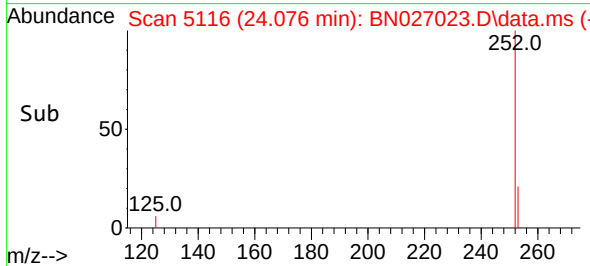
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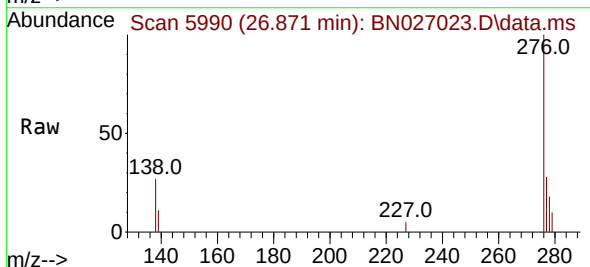
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Ion Ratio Lower Upper
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125 20.4 11.4 17.0

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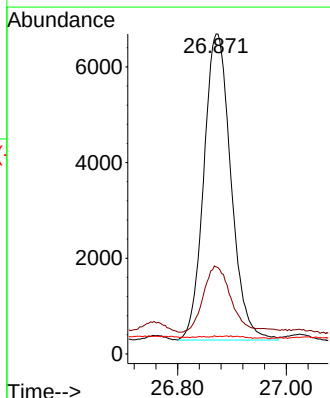
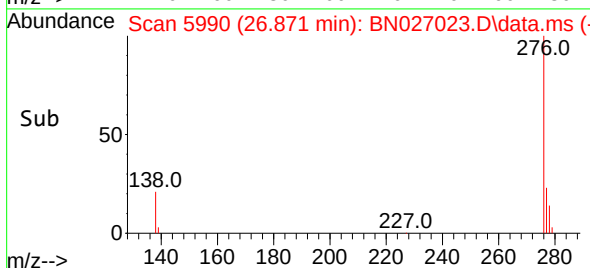
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Supervised By :mohammad ahmed 08/24/2023

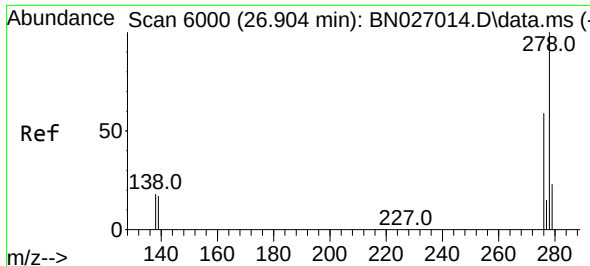


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 26.871 min Scan# 5990
Delta R.T. -0.014 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57



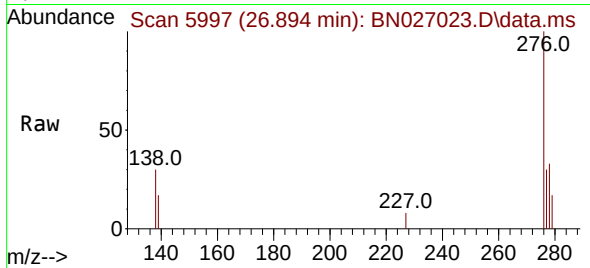
Tgt Ion:276 Resp: 22180
Ion Ratio Lower Upper
276 100
138 24.8 21.6 32.4
227 0.8 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.894 min Scan# 5997
Delta R.T. -0.027 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57

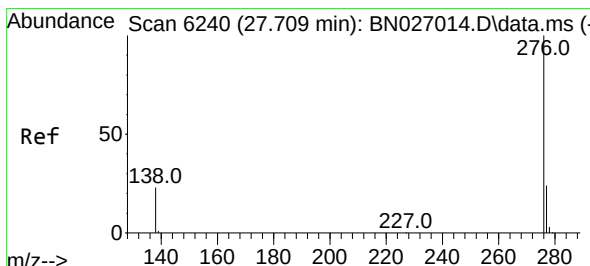
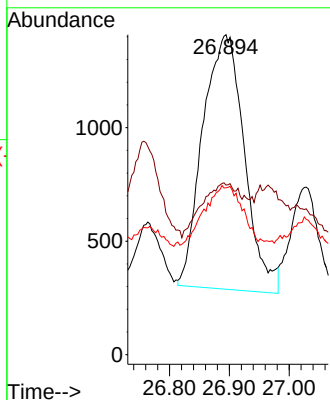
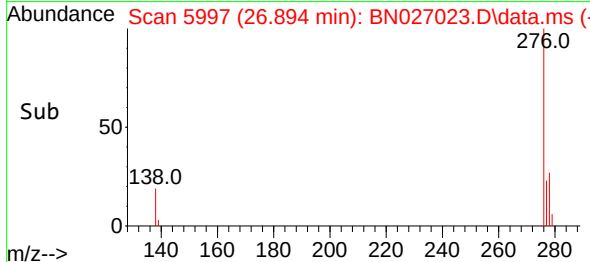
Instrument :
BNA_N
ClientSampleId :
A48P3



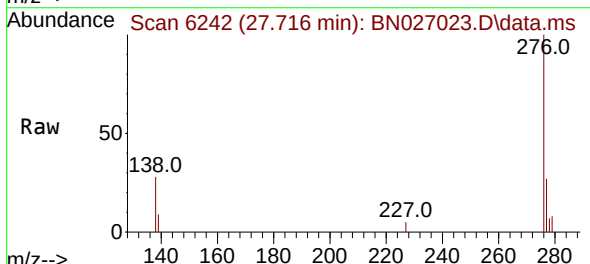
Tgt Ion:278 Resp: 5418
Ion Ratio Lower Upper
278 100
139 53.0 15.7 23.5
279 52.2 20.2 30.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.237 ng/ul
RT: 27.716 min Scan# 6242
Delta R.T. -0.007 min
Lab File: BN027023.D
Acq: 22 Aug 2023 10:57



Tgt Ion:276 Resp: 20499
Ion Ratio Lower Upper
276 100
138 28.3 19.3 28.9
277 27.5 19.8 29.8

