

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042984.D
 Acq On : 24 Nov 2023 18:25
 Operator : MA/JU
 Sample : 05264-02DL2 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 18:54:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	626m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.693	136	1600m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.473	164	1040m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.275	188	1972	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.438	240	1410	0.400	ng/ul	# 0.01
23) Perylene-d12	23.785	264	1915	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	19.280	212	209	0.041	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	2604	0.599	ng/ul#	90
10) Acenaphthylene	14.219	152	1379	0.260	ng/ul#	84
11) Acenaphthene	14.533	153	4312	1.072	ng/ul	97
12) Fluorene	15.616	166	1049	0.254	ng/ul#	92
15) Phenanthrene	17.326	178	968	0.172	ng/ul#	73
16) Anthracene	17.457	178	913	0.171	ng/ul#	74
19) Fluoranthene	19.308	202	2949	0.369	ng/ul	95
20) Pyrene	19.666	202	2564	0.302	ng/ul	96
21) Benzo(a)anthracene	21.433	228	532	0.116	ng/ul#	83
22) Chrysene	21.471	228	1790	0.210	ng/ul	94
24) Benzo(b)fluoranthene	23.066	252	645	0.100	ng/ul#	54
25) Benzo(k)fluoranthene	23.119	252	856	0.096	ng/ul#	38
26) Benzo(a)pyrene	23.704	252	1546	0.219	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.262	276	1853	0.194	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.292	278	1847	0.250	ng/ul#	87
29) Benzo(g,h,i)perylene	27.014	276	3838	0.413	ng/ul	98

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

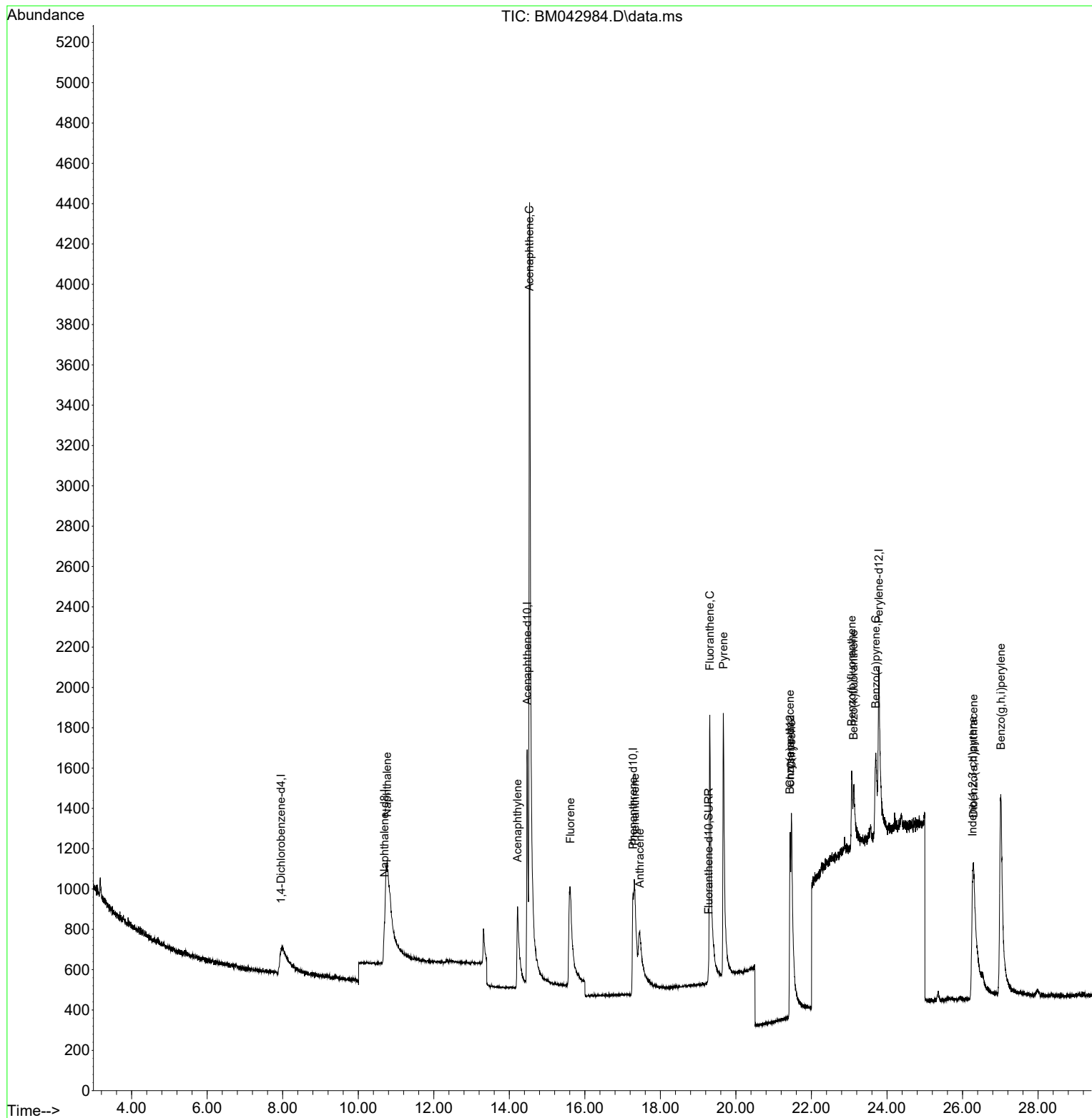
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042984.D
Acq On : 24 Nov 2023 18:25
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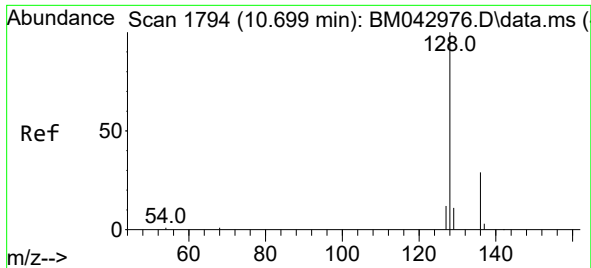
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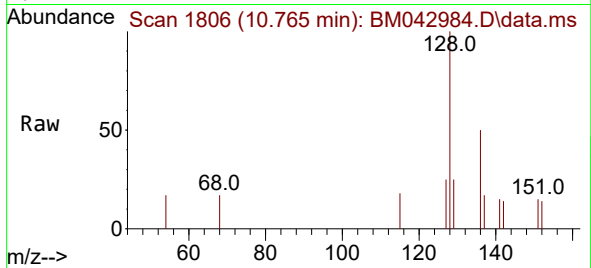
Quant Time: Nov 24 18:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.599 ng/u1
RT: 10.765 min Scan# 1806
Delta R.T. 0.066 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

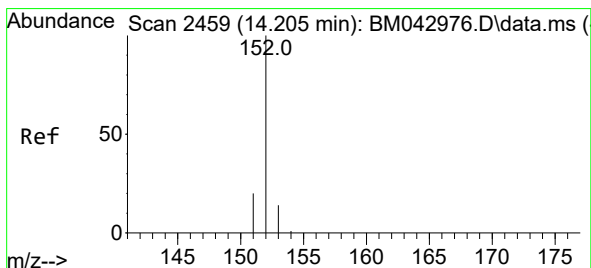
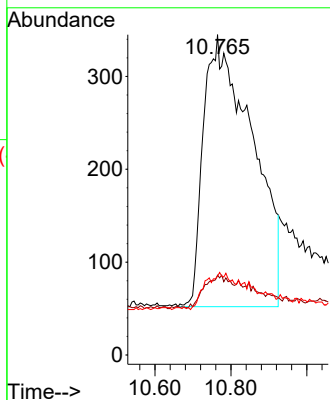
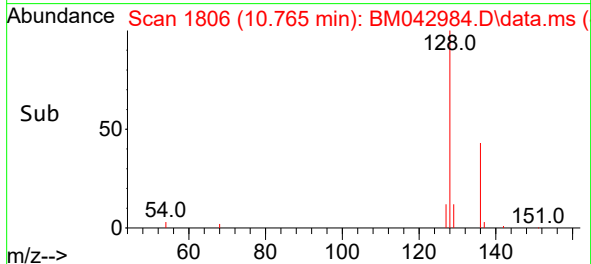
Instrument :
BNA_M
ClientSampleId :
DCKV3DL2



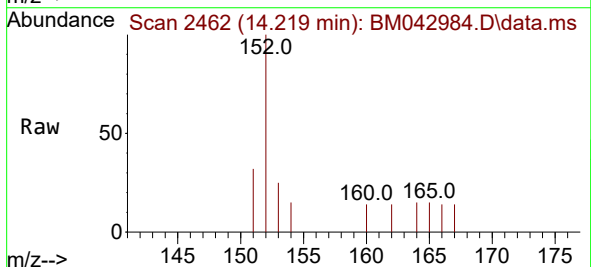
Tgt Ion:128 Resp: 2604
Ion Ratio Lower Upper
128 100
129 24.9 16.0 24.0#
127 24.6 16.5 24.7

Manual Integrations
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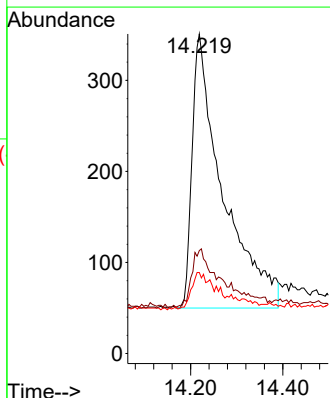
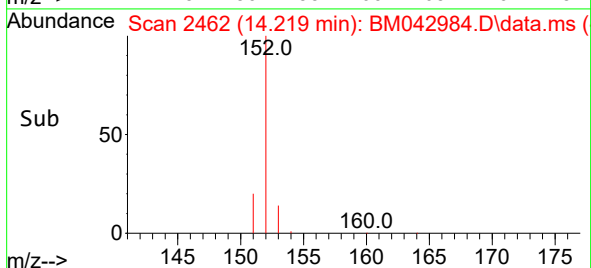
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

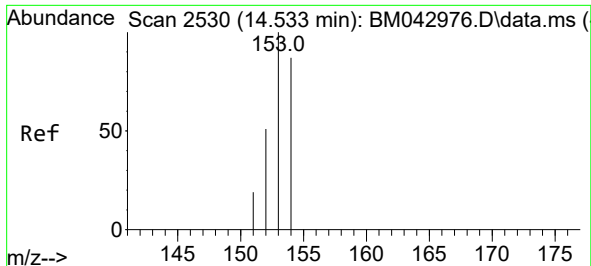


#10
Acenaphthylene
Concen: 0.260 ng/u1
RT: 14.219 min Scan# 2462
Delta R.T. 0.014 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25



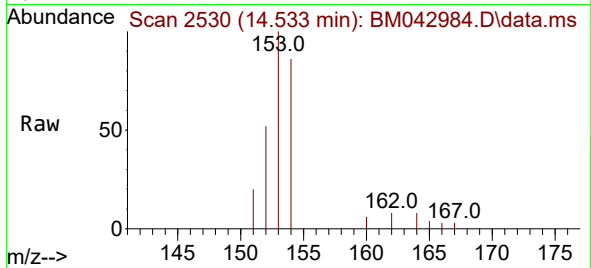
Tgt Ion:152 Resp: 1379
Ion Ratio Lower Upper
152 100
151 32.2 19.4 29.0#
153 25.4 14.6 21.8#





#11
Acenaphthene
Concen: 1.072 ng/ul
RT: 14.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

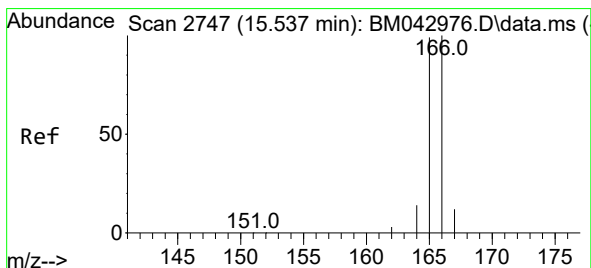
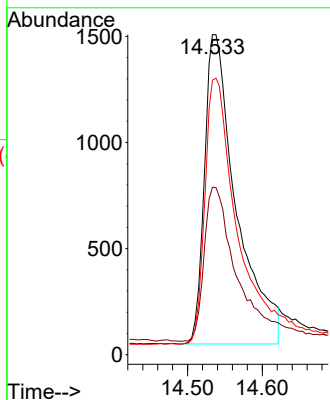
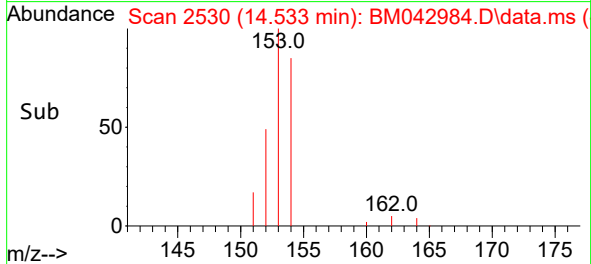
Instrument :
BNA_M
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DCKV3DL2



Tgt Ion:153 Resp: 431
Ion Ratio Lower Upper
153 100
152 52.3 43.9 65.9
154 85.8 70.6 105.8

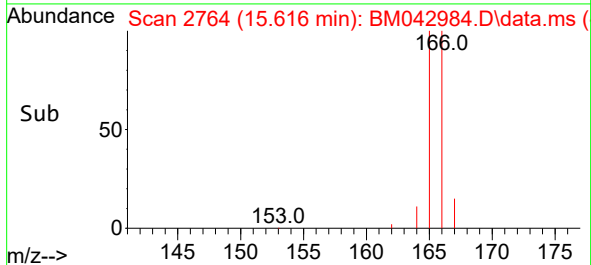
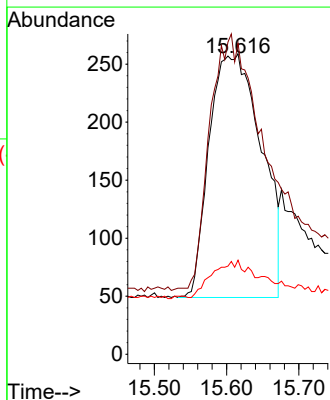
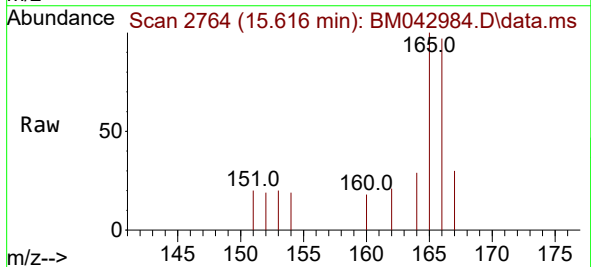
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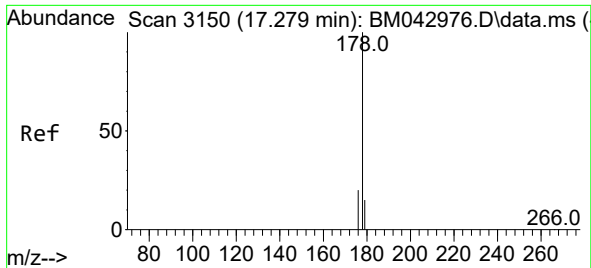
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.616 min Scan# 2764
Delta R.T. 0.079 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

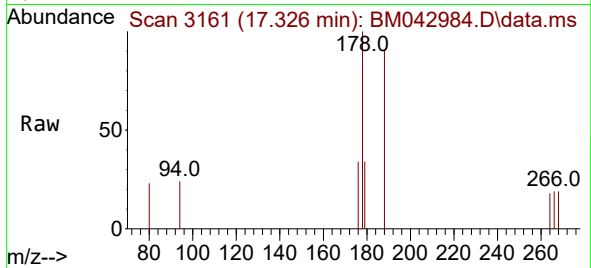
Tgt Ion:166 Resp: 1049
Ion Ratio Lower Upper
166 100
165 103.5 79.9 119.9
167 31.3 14.2 21.4#





#15
Phenanthrene
Concen: 0.172 ng/ul
RT: 17.326 min Scan# 3161
Delta R.T. 0.047 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

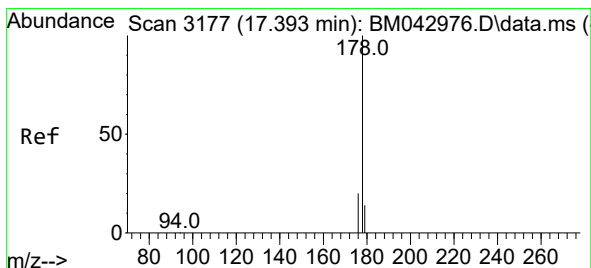
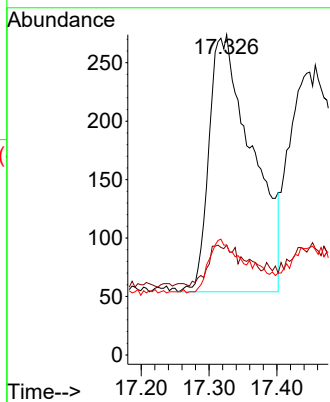
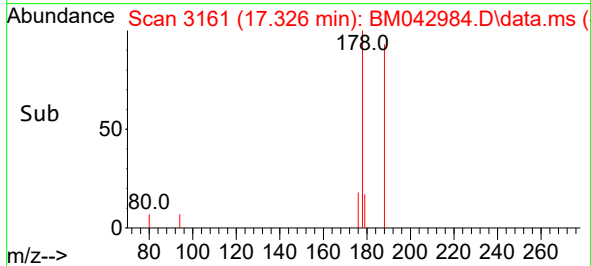
Instrument :
BNA_M
ClientSampleId :
DCKV3DL2



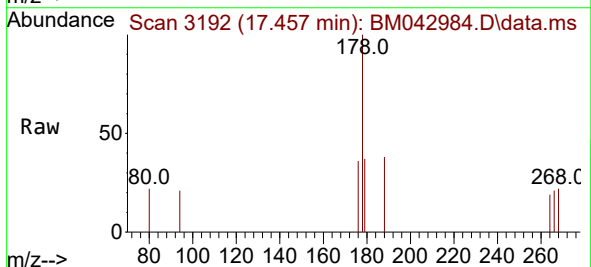
Tgt Ion:178 Resp: 968
Ion Ratio Lower Upper
178 100
179 34.3 15.7 23.5
176 34.3 18.9 28.3

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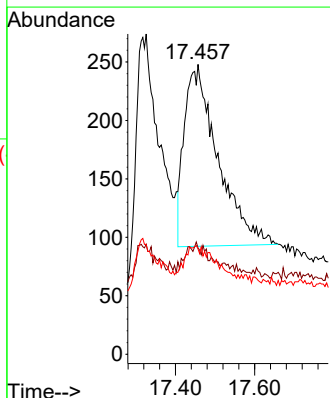
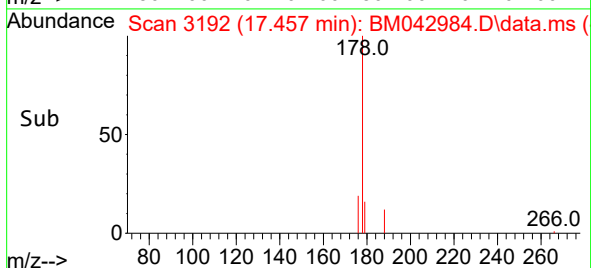
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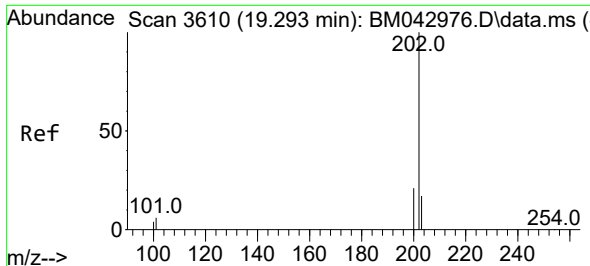


#16
Anthracene
Concen: 0.171 ng/ul
RT: 17.457 min Scan# 3192
Delta R.T. 0.064 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25



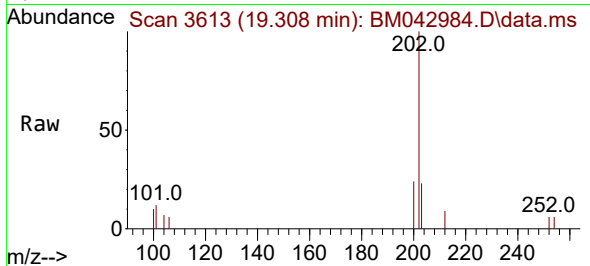
Tgt Ion:178 Resp: 913
Ion Ratio Lower Upper
178 100
179 36.7 17.3 25.9#
176 36.3 20.5 30.7#





#19
Fluoranthene
Concen: 0.369 ng/u1
RT: 19.308 min Scan# 3613
Delta R.T. 0.014 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

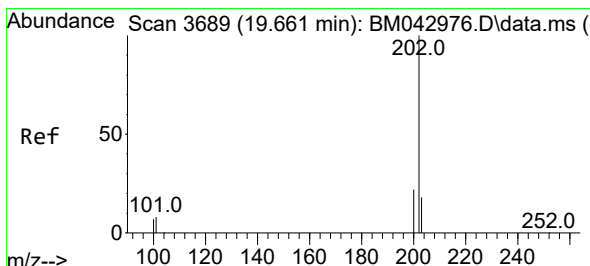
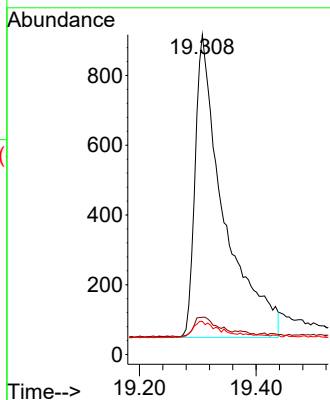
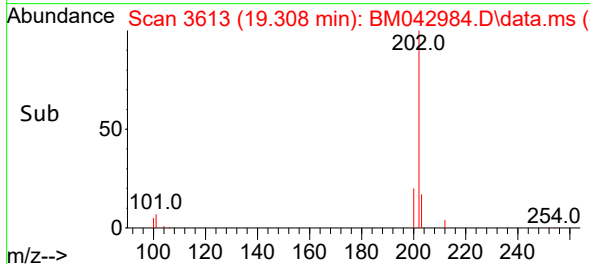
Instrument :
BNA_M
ClientSampleId :
DCKV3DL2



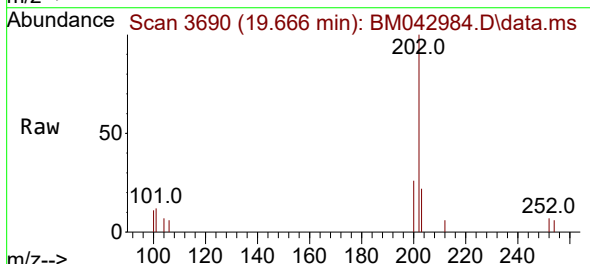
Tgt Ion:202 Resp: 2949
Ion Ratio Lower Upper
202 100
101 11.7 7.8 11.8
100 10.4 7.1 10.7

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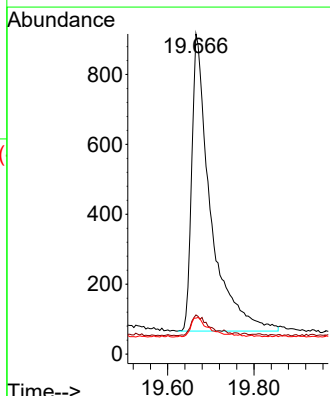
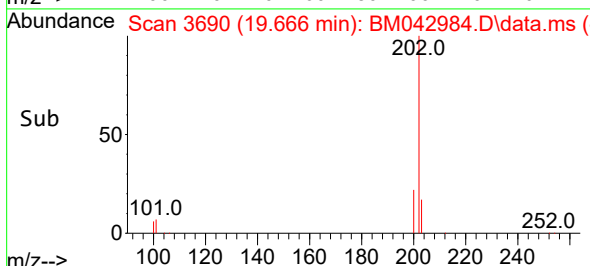
Reviewed By :Yogesh Patel 11/27/2023
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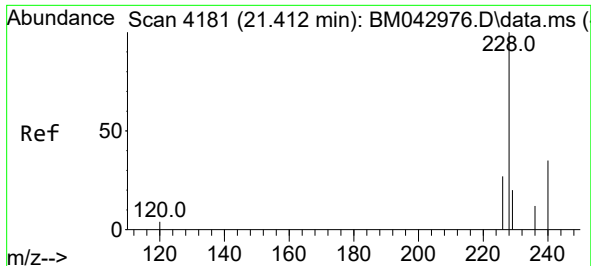


#20
Pyrene
Concen: 0.302 ng/u1
RT: 19.666 min Scan# 3690
Delta R.T. 0.005 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25



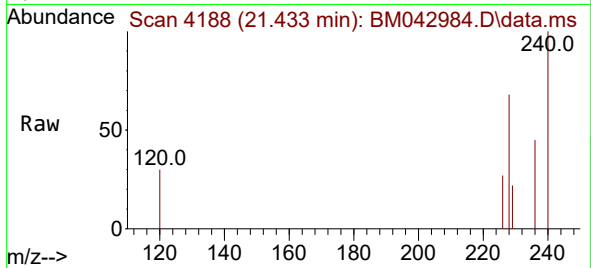
Tgt Ion:202 Resp: 2564
Ion Ratio Lower Upper
202 100
101 12.2 8.7 13.1
100 11.2 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.116 ng/ul
RT: 21.433 min Scan# 4181
Delta R.T. 0.021 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

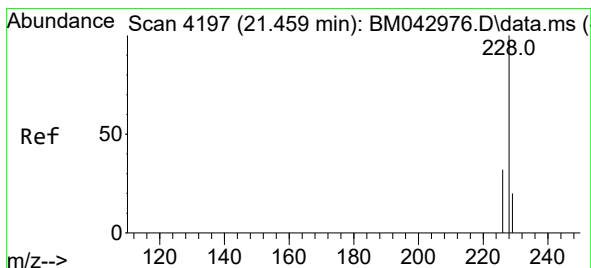
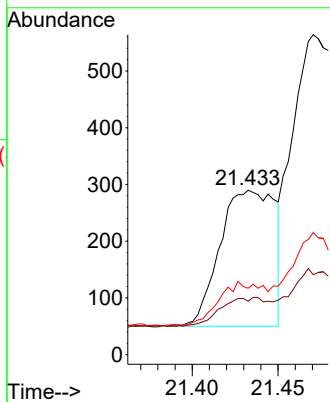
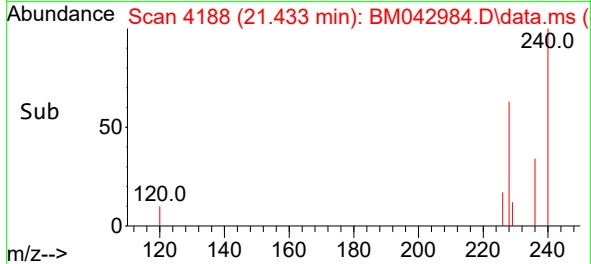
Instrument :
BNA_M
ClientSampleId :
DCKV3DL2



Tgt Ion:228 Resp: 532
Ion Ratio Lower Upper
228 100
229 32.4 19.4 29.0
226 40.3 24.9 37.3

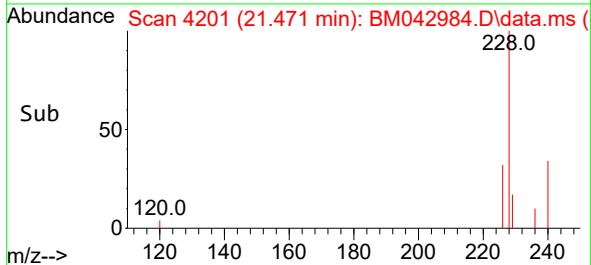
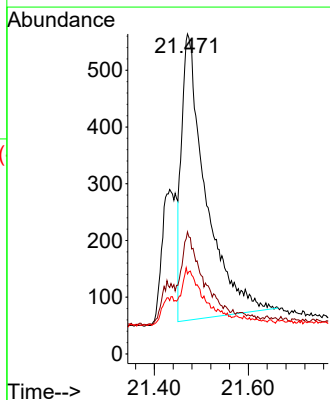
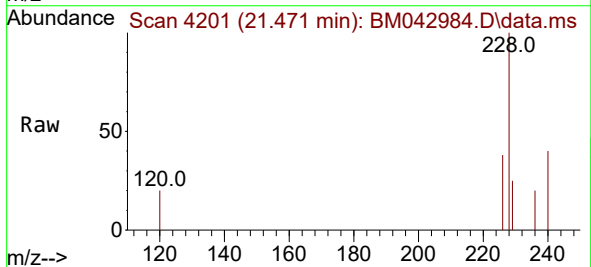
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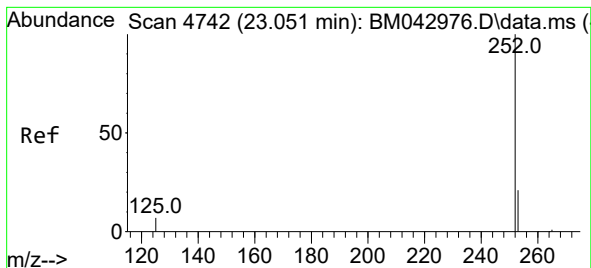
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.210 ng/ul
RT: 21.471 min Scan# 4201
Delta R.T. 0.012 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

Tgt Ion:228 Resp: 1790
Ion Ratio Lower Upper
228 100
226 38.1 27.2 40.8
229 25.0 18.0 27.0





#24

Benzo(b)fluoranthene

Concen: 0.100 ng/ul

RT: 23.066 min Scan# 4742

Delta R.T. 0.015 min

Lab File: BM042984.D

Acq: 24 Nov 2023 18:25

Instrument :

BNM

ClientSampleId :

DCKV3DL2

Tgt Ion:252 Resp: 645

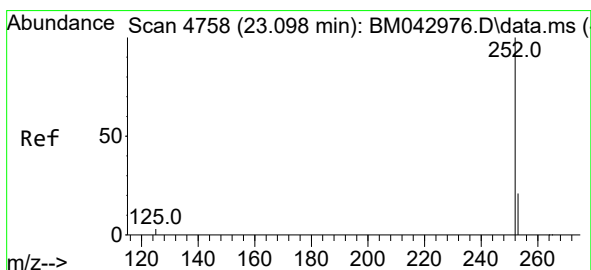
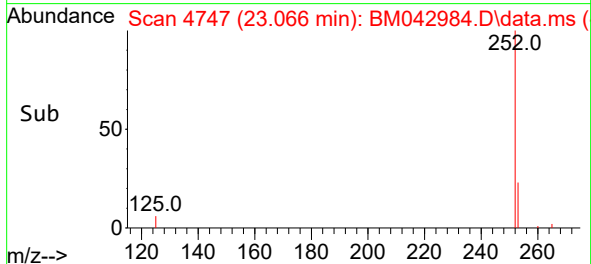
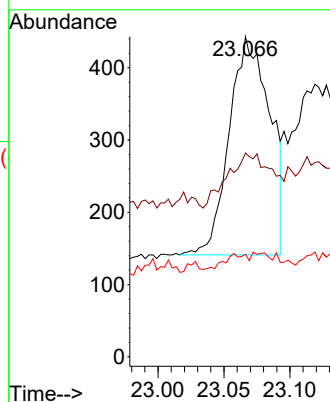
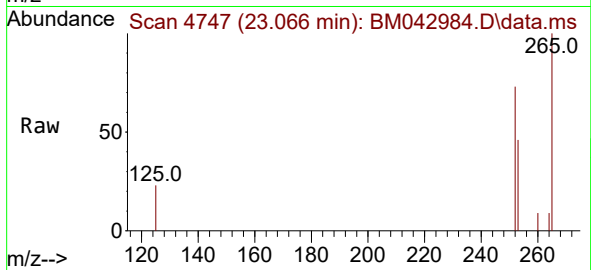
Ion	Ratio	Lower	Upper
252	100		
253	63.7	0.0	71.8
125	32.1	0.0	29.0

Manual Integrations

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Supervised By :mohammad ahmed 11/28/2023



#25

Benzo(k)fluoranthene

Concen: 0.096 ng/ul

RT: 23.119 min Scan# 4765

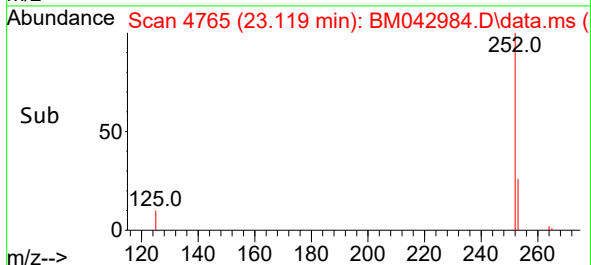
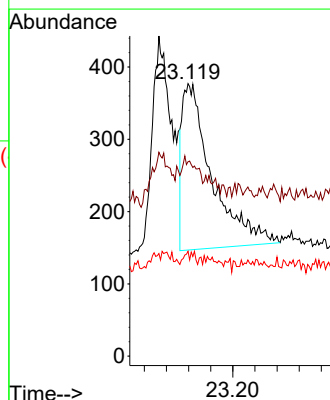
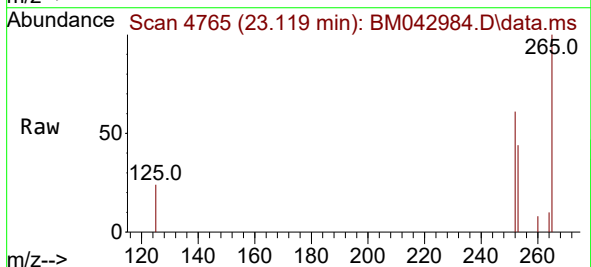
Delta R.T. 0.021 min

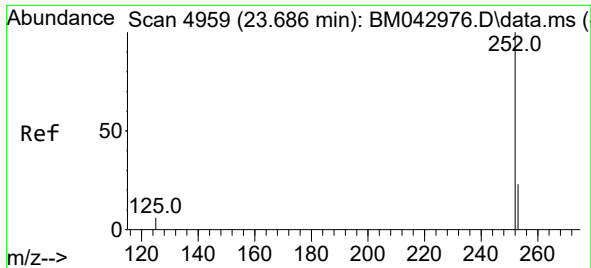
Lab File: BM042984.D

Acq: 24 Nov 2023 18:25

Tgt Ion:252 Resp: 856

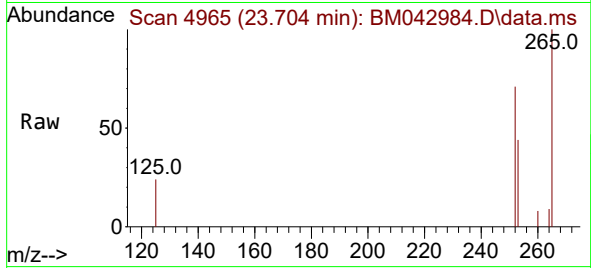
Ion	Ratio	Lower	Upper
252	100		
253	71.4	28.2	42.2#
125	38.5	11.0	16.6#





#26
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.704 min Scan# 4959
Delta R.T. 0.018 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

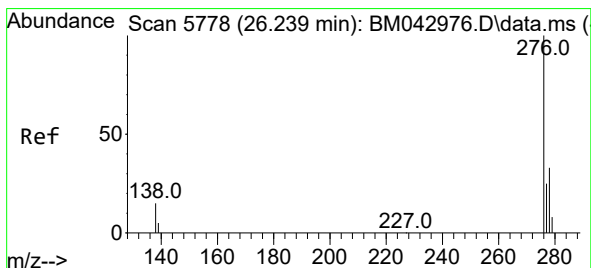
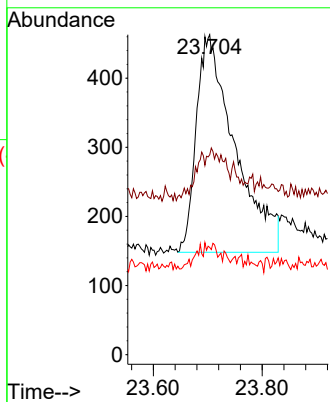
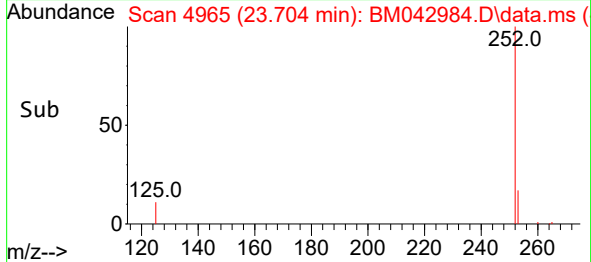
Instrument :
BNA_M
ClientSampleId :
DCKV3DL2



Tgt Ion:252 Resp: 1540
Ion Ratio Lower Upper
252 100
253 62.4 36.6 55.0
125 33.5 16.2 24.4

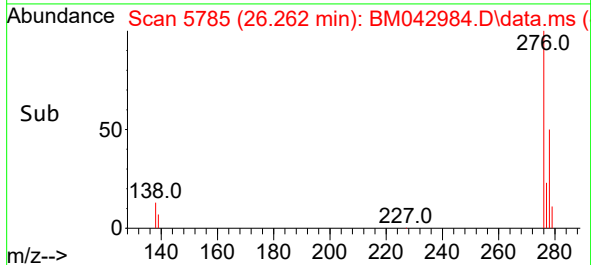
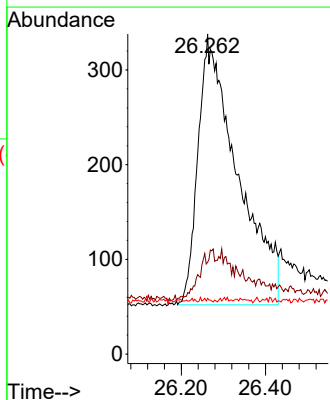
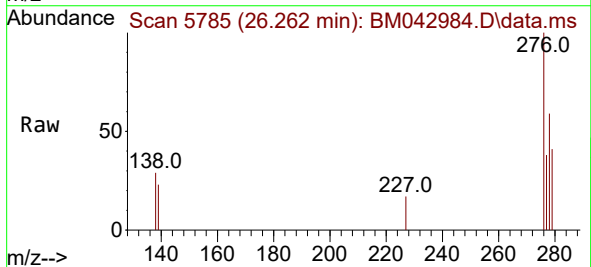
Manual Integrations
APPROVED

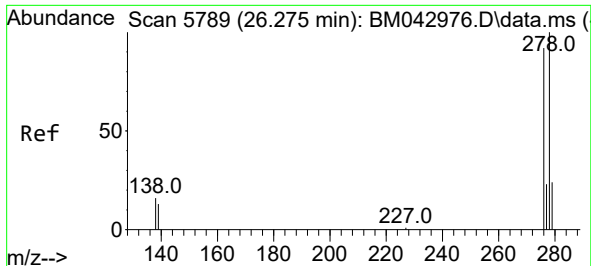
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 26.262 min Scan# 5785
Delta R.T. 0.024 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

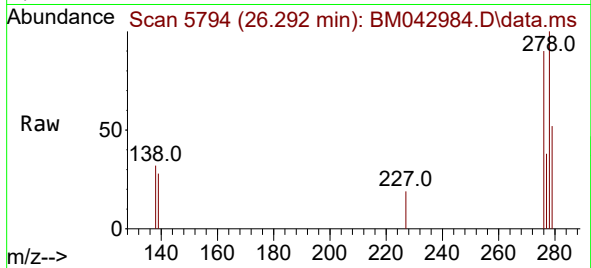
Tgt Ion:276 Resp: 1853
Ion Ratio Lower Upper
276 100
138 3.6 0.0 0.0
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 26.292 min Scan# 5789
Delta R.T. 0.017 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25

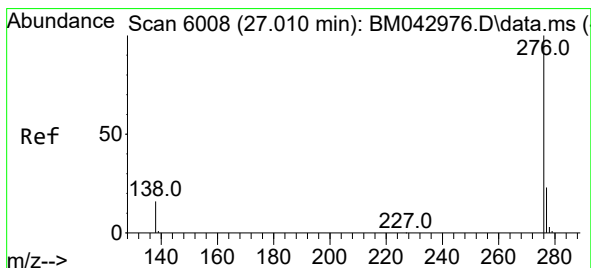
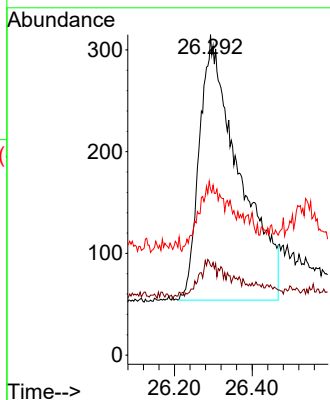
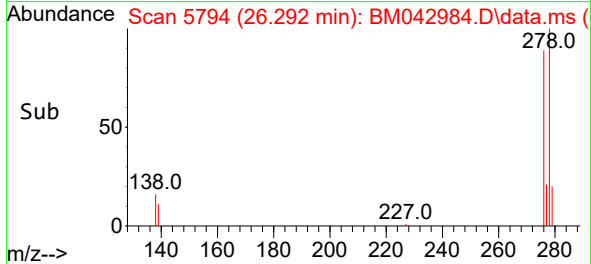
Instrument :
BNA_M
ClientSampleId :
DCKV3DL2



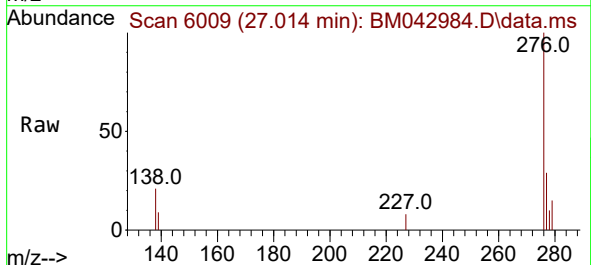
Tgt Ion: 278 Resp: 184
Ion Ratio Lower Upper
278 100
139 27.9 18.1 27.1
279 51.7 34.4 51.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 27.014 min Scan# 6009
Delta R.T. 0.004 min
Lab File: BM042984.D
Acq: 24 Nov 2023 18:25



Tgt Ion: 276 Resp: 3838
Ion Ratio Lower Upper
276 100
138 20.7 17.8 26.8
277 29.2 23.8 35.8

