

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046181.D
 Acq On : 22 Jun 2024 04:44
 Operator : MA/JU
 Sample : P2710-24DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B88DL

Manual Integrations
 APPROVED

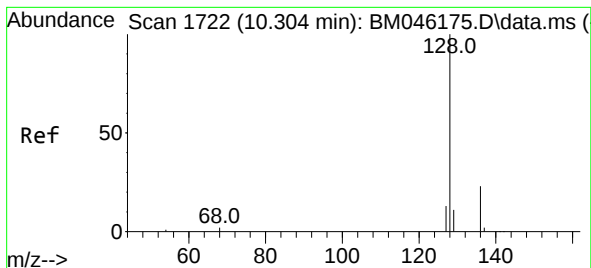
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 05:17:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

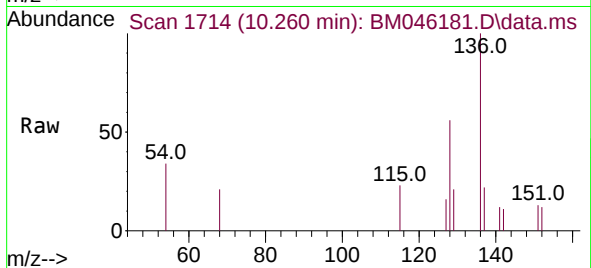
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	3424	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	9833	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.072	164	5615	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	11009	0.400	ng/ul	-0.04
17) Chrysene-d12	21.014	240	8996	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	10133m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	3331	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	692	0.052	ng/ul	0.00
18) Fluoranthene-d10	18.849	212	1513	0.056	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	614	0.022	ng/ul#	58
10) Acenaphthylene	13.794	152	1254	0.047	ng/ul#	80
11) Acenaphthene	14.136	153	851	0.044	ng/ul	96
12) Fluorene	15.136	166	1336	0.065	ng/ul#	97
15) Phenanthrene	16.858	178	27228	0.880	ng/ul	96
16) Anthracene	16.951	178	5105	0.222	ng/ul#	94
19) Fluoranthene	18.877	202	48216	1.238	ng/ul	98
20) Pyrene	19.239	202	41934	0.995	ng/ul	97
21) Benzo(a)anthracene	21.000	228	20410	0.587	ng/ul	99
22) Chrysene	21.052	228	20601	0.465	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	29945m	0.820	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	9261m	0.213	ng/ul	
26) Benzo(a)pyrene	23.013	252	19298m	0.570	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.155	276	14419	0.260	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.158	278	3283	0.080	ng/ul#	67
29) Benzo(g,h,i)perylene	25.779	276	14307	0.301	ng/ul	98

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



#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.260 min Scan# 11
Delta R.T. -0.043 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

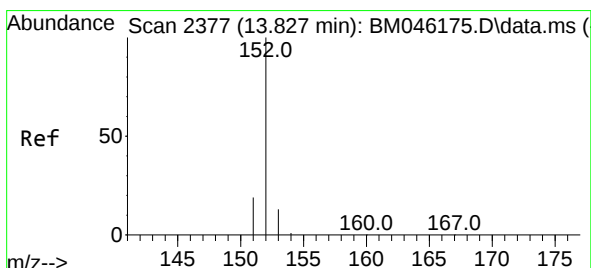
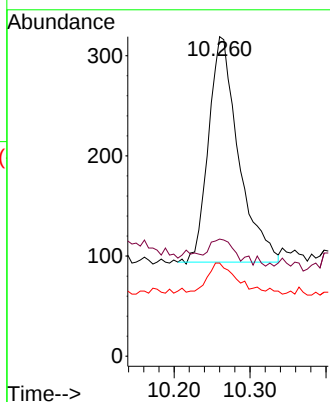
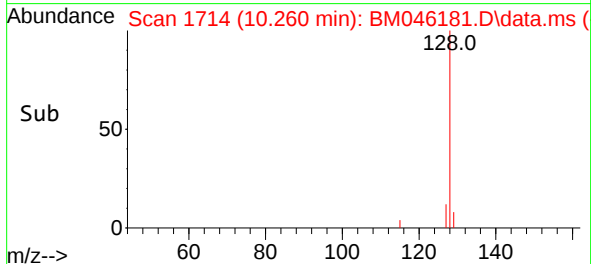
Instrument :
BNA_M
ClientSampleId :
A4B88DL



Tgt Ion:128 Resp: 614
Ion Ratio Lower Upper
128 100
129 36.7 11.8 17.6#
127 29.2 12.8 19.2#

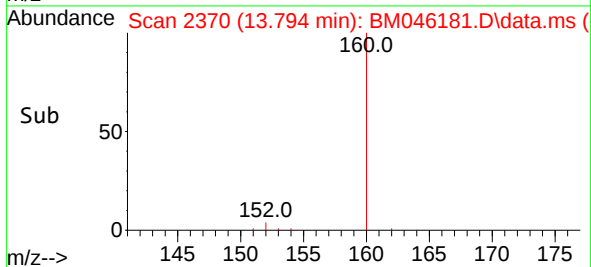
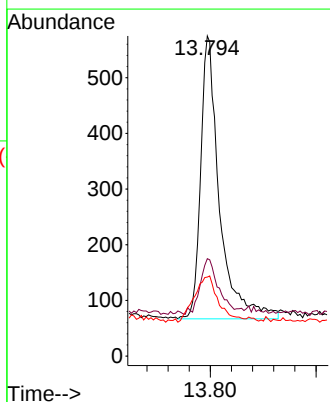
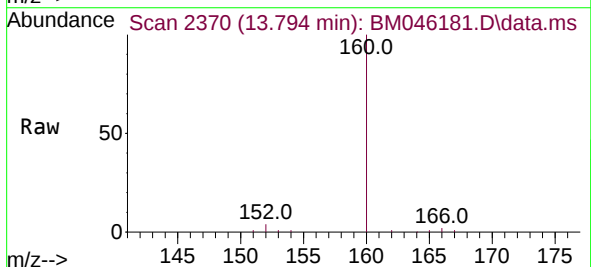
Manual Integrations
APPROVED

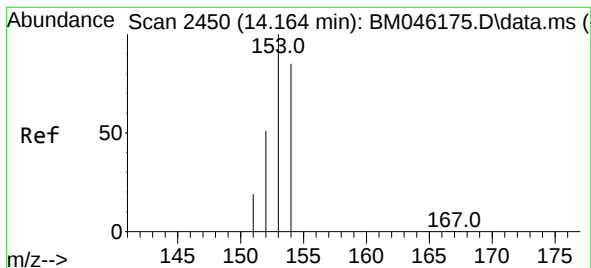
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 13.794 min Scan# 2370
Delta R.T. -0.040 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

Tgt Ion:152 Resp: 1254
Ion Ratio Lower Upper
152 100
151 30.4 17.4 26.2#
153 24.7 11.8 17.8#





#11

Acenaphthene

Concen: 0.044 ng/ul

RT: 14.136 min Scan# 2450

Delta R.T. -0.036 min

Lab File: BM046181.D

Acq: 22 Jun 2024 04:44

Instrument :

BNA_M

ClientSampleId :

A4B88DL

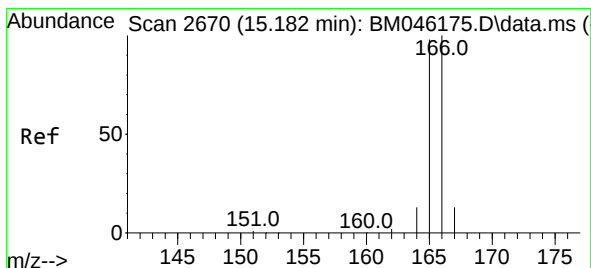
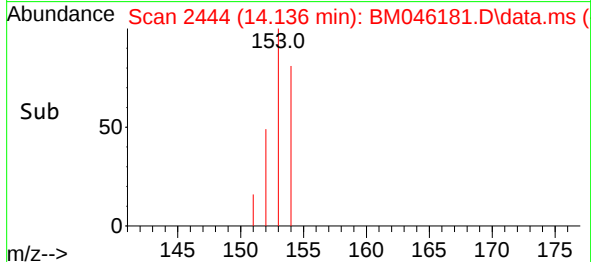
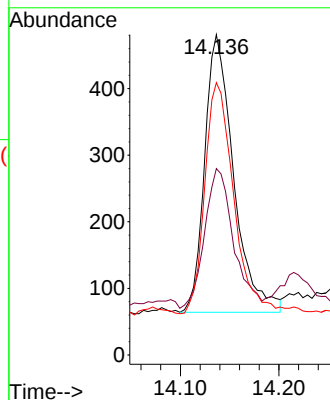
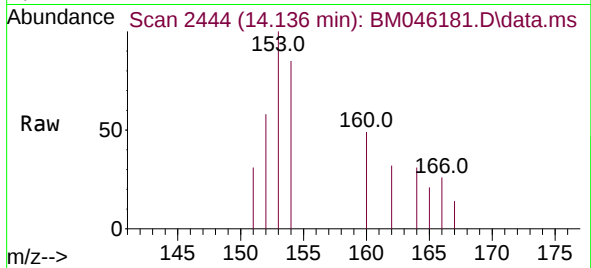
Tgt Ion:	153	Resp:	85
Ion Ratio	Lower	Upper	
153	100		
152	58.2	41.3	61.9
154	85.0	68.2	102.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#12

Fluorene

Concen: 0.065 ng/ul

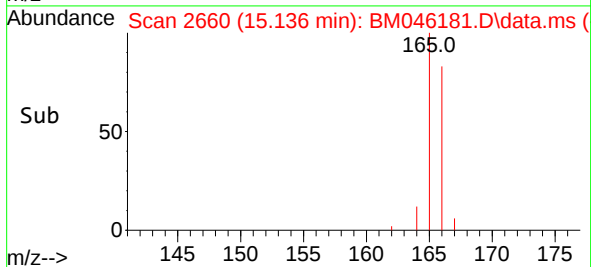
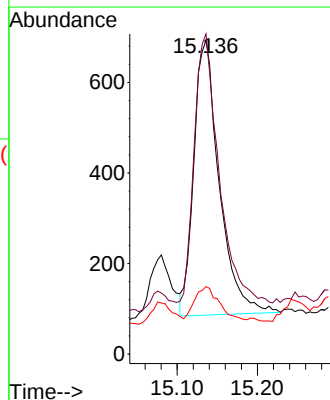
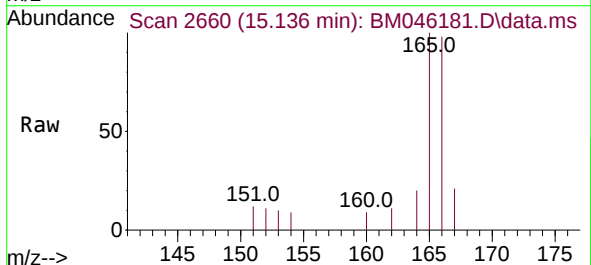
RT: 15.136 min Scan# 2660

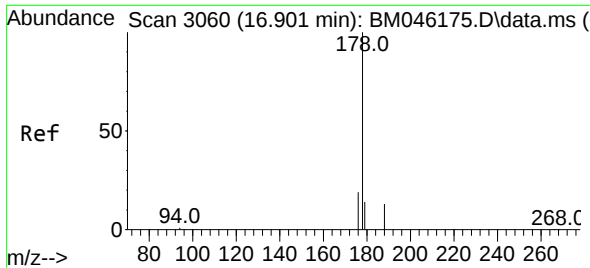
Delta R.T. -0.045 min

Lab File: BM046181.D

Acq: 22 Jun 2024 04:44

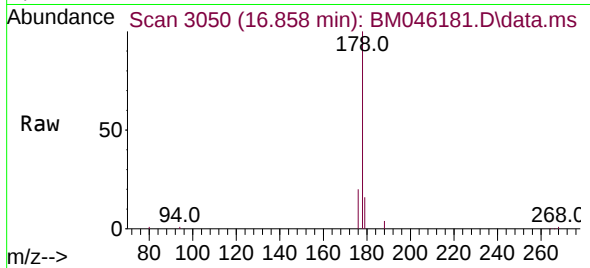
Tgt Ion:	166	Resp:	1336
Ion Ratio	Lower	Upper	
166	100		
165	102.0	80.4	120.6
167	21.5	12.4	18.6





#15
Phenanthrene
Concen: 0.880 ng/u1
RT: 16.858 min Scan# 3072
Delta R.T. -0.045 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

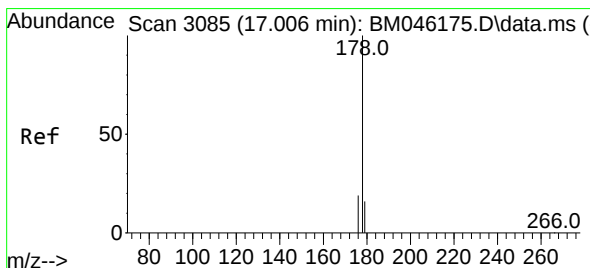
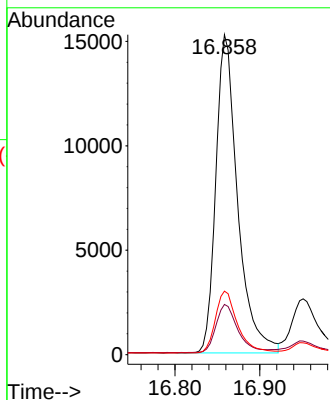
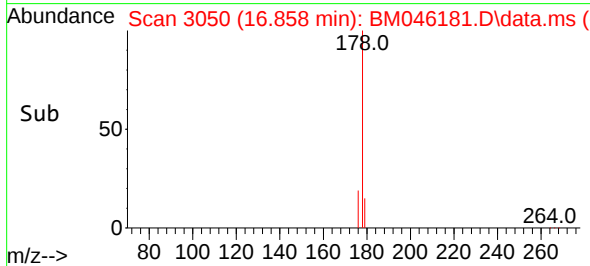
Instrument :
BNA_M
ClientSampleId :
A4B88DL



Tgt Ion:178 Resp: 27228
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.9 17.1 25.7

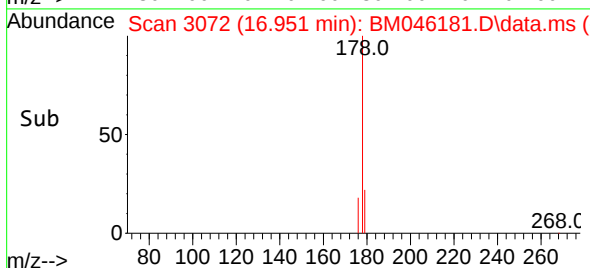
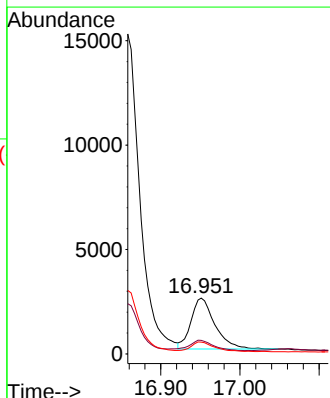
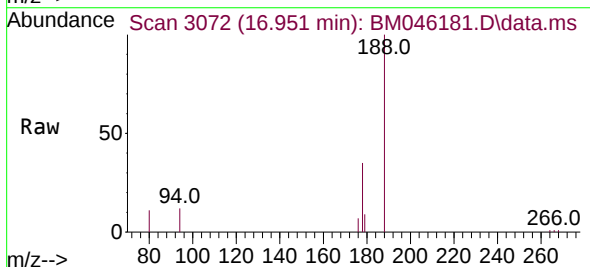
Manual Integrations
APPROVED

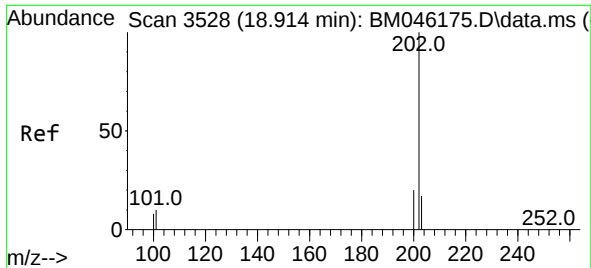
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.222 ng/u1
RT: 16.951 min Scan# 3072
Delta R.T. -0.054 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

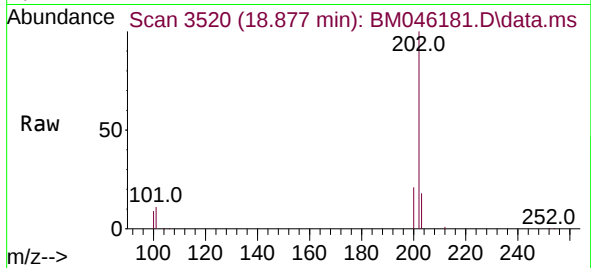
Tgt Ion:178 Resp: 5105
Ion Ratio Lower Upper
178 100
179 24.4 14.9 22.3#
176 21.3 17.0 25.4





#19
Fluoranthene
Concen: 1.238 ng/ul
RT: 18.877 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

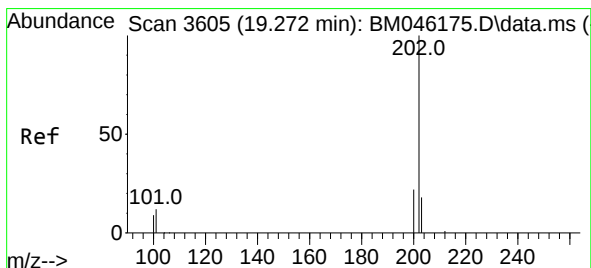
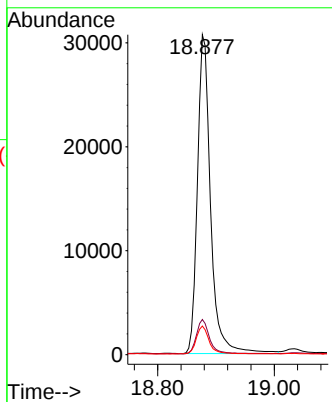
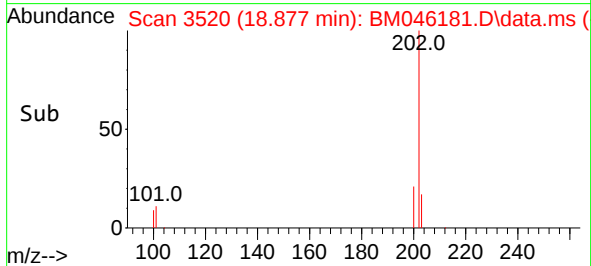
Instrument :
BNA_M
ClientSampleId :
A4B88DL



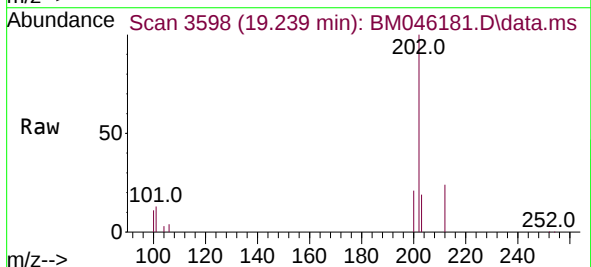
Tgt Ion:202 Resp: 48210
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 9.0 7.6 11.4

Manual Integrations
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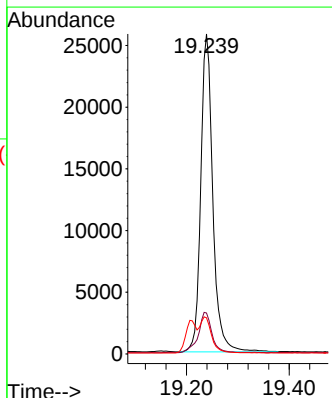
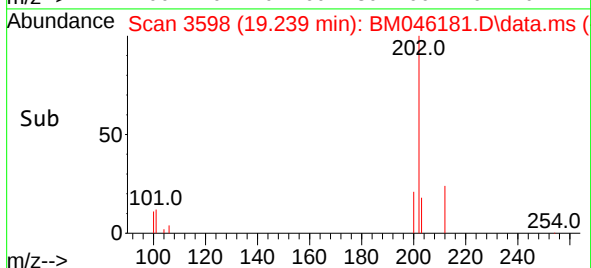
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

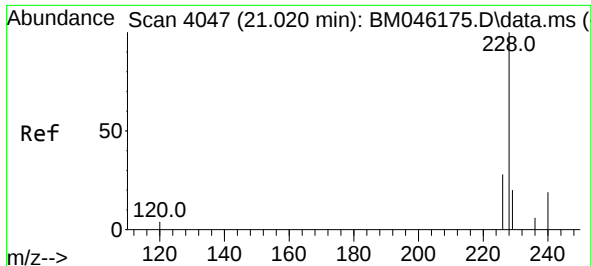


#20
Pyrene
Concen: 0.995 ng/ul
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44



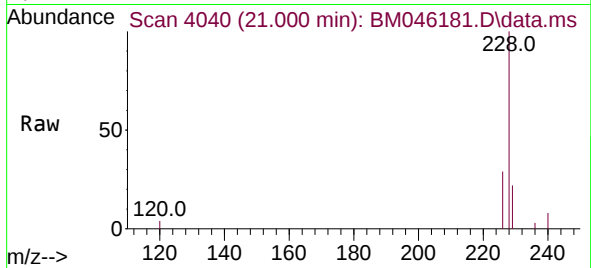
Tgt Ion:202 Resp: 41934
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.587 ng/u1
RT: 21.000 min Scan# 4047
Delta R.T. -0.030 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

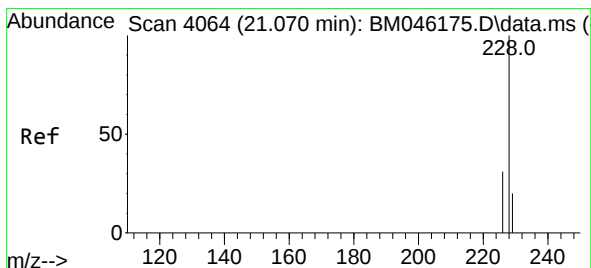
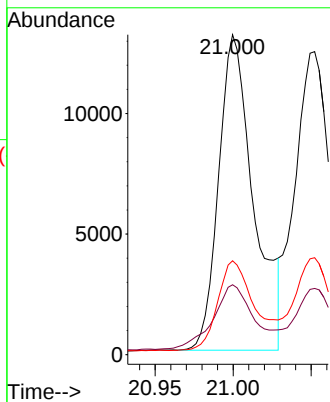
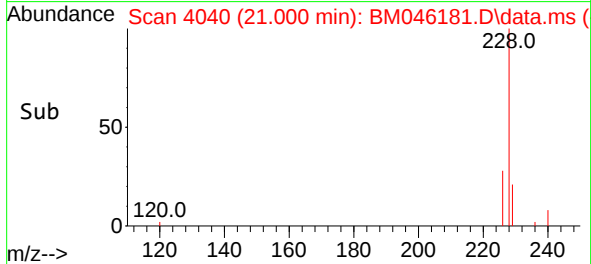
Instrument :
BNA_M
ClientSampleId :
A4B88DL



Tgt Ion:228 Resp: 20410
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.3 23.4 35.2

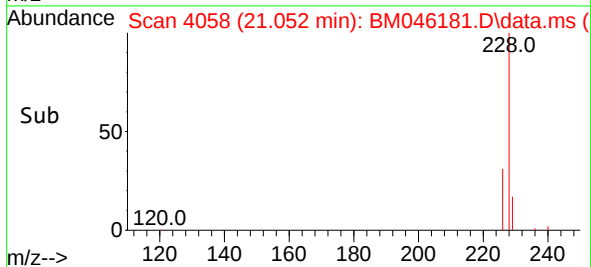
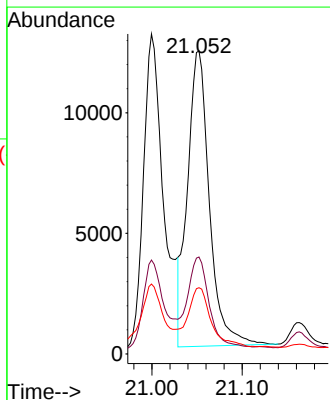
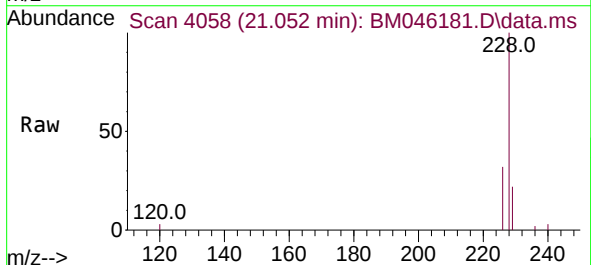
Manual Integrations
APPROVED

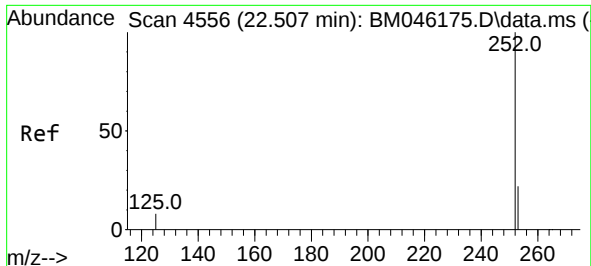
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.465 ng/u1
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

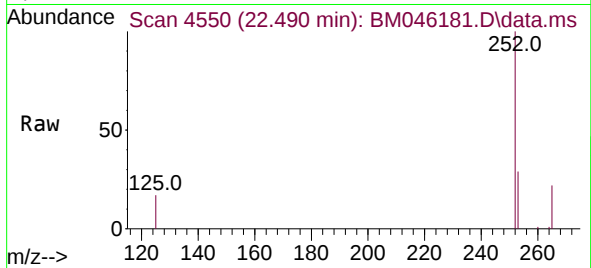
Tgt Ion:228 Resp: 20601
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 21.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.820 ng/ul m
RT: 22.490 min Scan# 4556
Delta R.T. -0.030 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

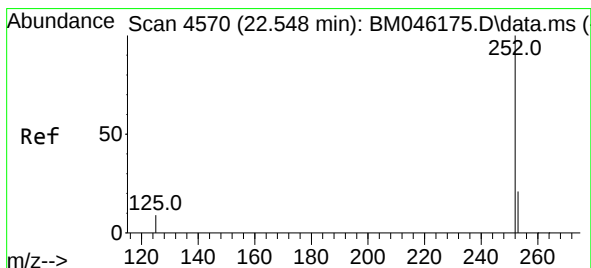
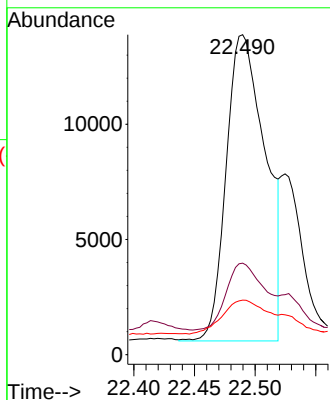
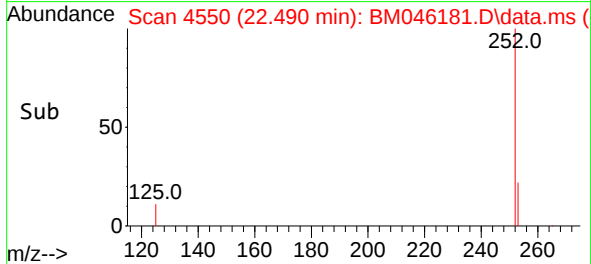
Instrument :
BNA_M
ClientSampleId :
A4B88DL



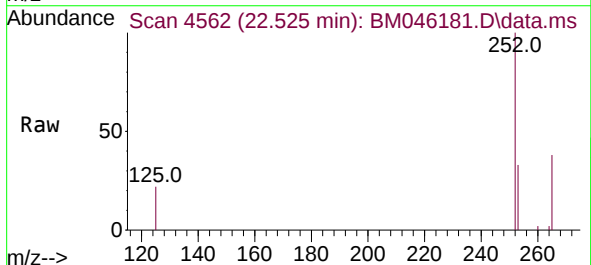
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Ion Ratio Lower Upper
252 100
253 28.6 0.0 65.8
125 17.0 0.0 40.2

Manual Integrations
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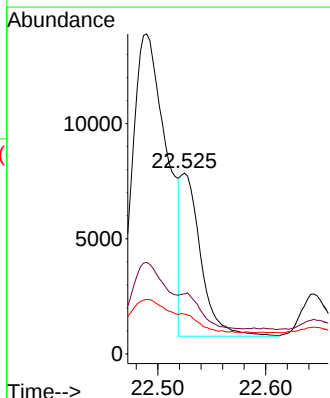
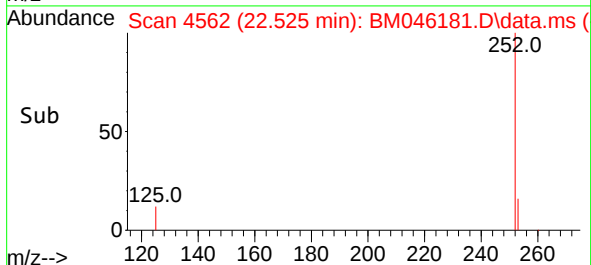
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

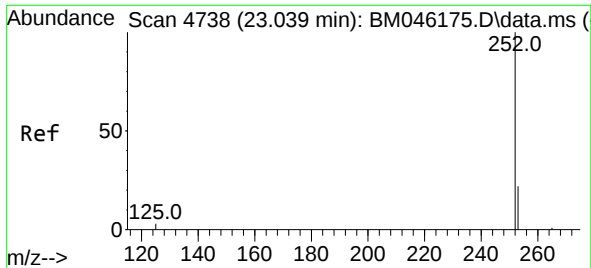


#25
Benzo(k)fluoranthene
Concen: 0.213 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.039 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44



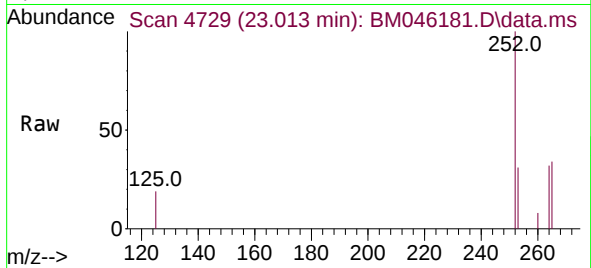
Tgt Ion:252 Resp: 9261
Ion Ratio Lower Upper
252 100
253 33.2 27.2 40.8
125 22.1 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.570 ng/ul m
RT: 23.013 min Scan# 4729
Delta R.T. -0.041 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

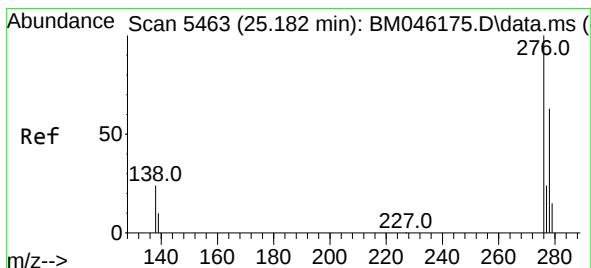
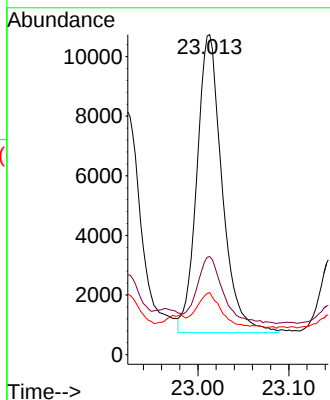
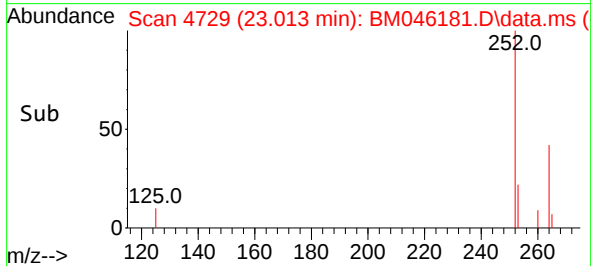
Instrument :
BNA_M
ClientSampleId :
A4B88DL



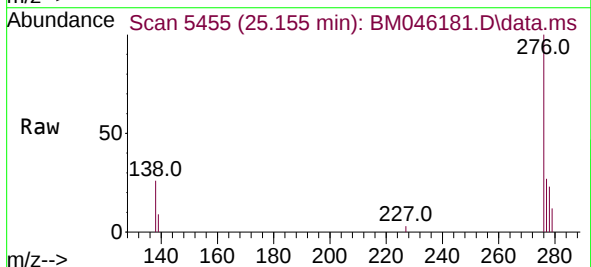
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Ion Ratio Lower Upper
252 100
253 30.7 32.1 48.1#
125 19.4 21.2 31.8#

Manual Integrations
APPROVED

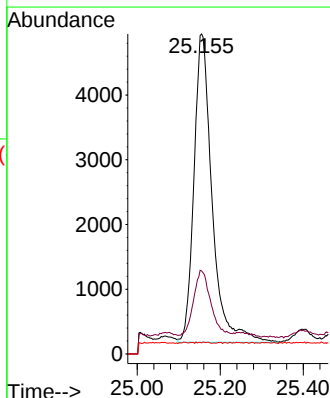
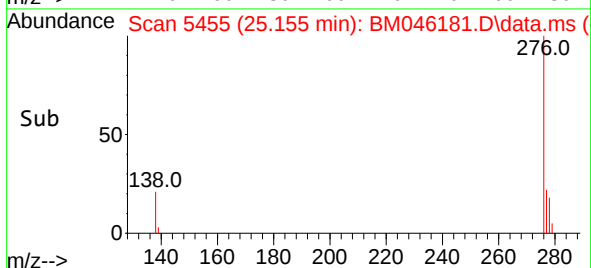
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

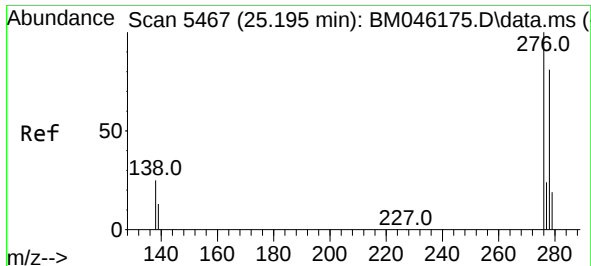


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.260 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44



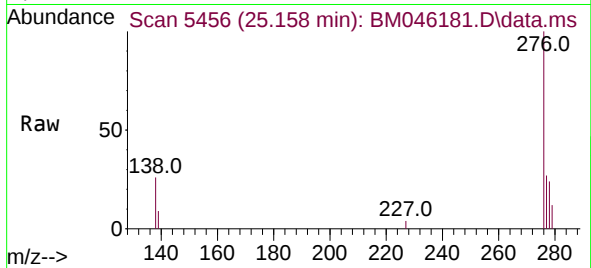
Tgt Ion:276 Resp: 14419
Ion Ratio Lower Upper
276 100
138 19.7 21.0 31.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.158 min Scan# 5467
Delta R.T. -0.058 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44

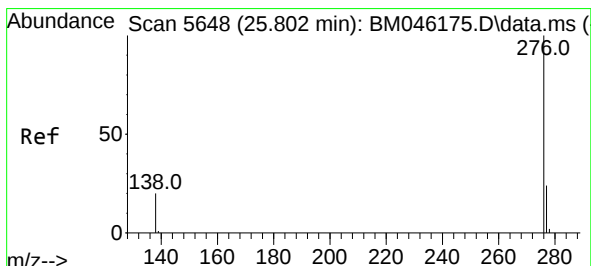
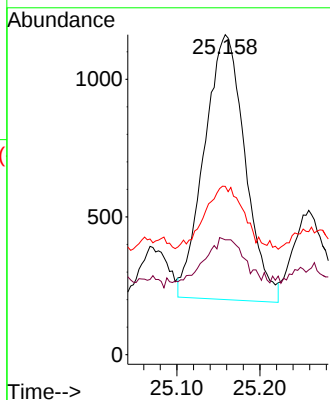
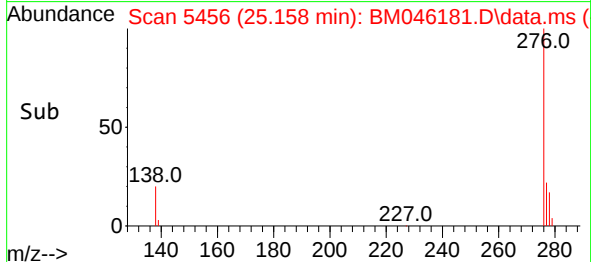
Instrument :
BNA_M
ClientSampleId :
A4B88DL



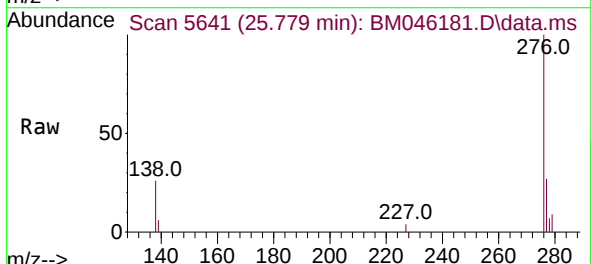
Tgt Ion:278 Resp: 328
Ion Ratio Lower Upper
278 100
139 35.9 17.6 26.4
279 52.6 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 25.779 min Scan# 5641
Delta R.T. -0.051 min
Lab File: BM046181.D
Acq: 22 Jun 2024 04:44



Tgt Ion:276 Resp: 14307
Ion Ratio Lower Upper
276 100
138 26.5 21.7 32.5
277 27.4 20.4 30.6

