

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046775.D
 Acq On : 23 Jul 2024 13:18
 Operator : MA/JU
 Sample : P3238-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BF8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 13:51:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	3216	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	15626	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.126	164	9812	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.878	188	19956	0.400	ng/ul	0.00
17) Chrysene-d12	21.088	240	9364	0.400	ng/ul	0.00
23) Perylene-d12	23.218	264	8914	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	1125	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	760	0.030	ng/ul	-0.01
18) Fluoranthene-d10	18.917	212	1634	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.920	178	18472	0.324	ng/ul	99
16) Anthracene	17.009	178	2869	0.052	ng/ul#	93
19) Fluoranthene	18.950	202	53940	1.402	ng/ul	99
20) Pyrene	19.312	202	36536	0.877	ng/ul#	98
21) Benzo(a)anthracene	21.070	228	13741	0.332	ng/ul	99
22) Chrysene	21.123	228	17766	0.443	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	24080m	0.676	ng/ul	
25) Benzo(k)fluoranthene	22.625	252	8180m	0.234	ng/ul	
26) Benzo(a)pyrene	23.124	252	7875	0.269	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.326	276	8638	0.194	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	2667	0.076	ng/ul#	57
29) Benzo(g,h,i)perylene	25.964	276	1549	0.044	ng/ul#	62

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

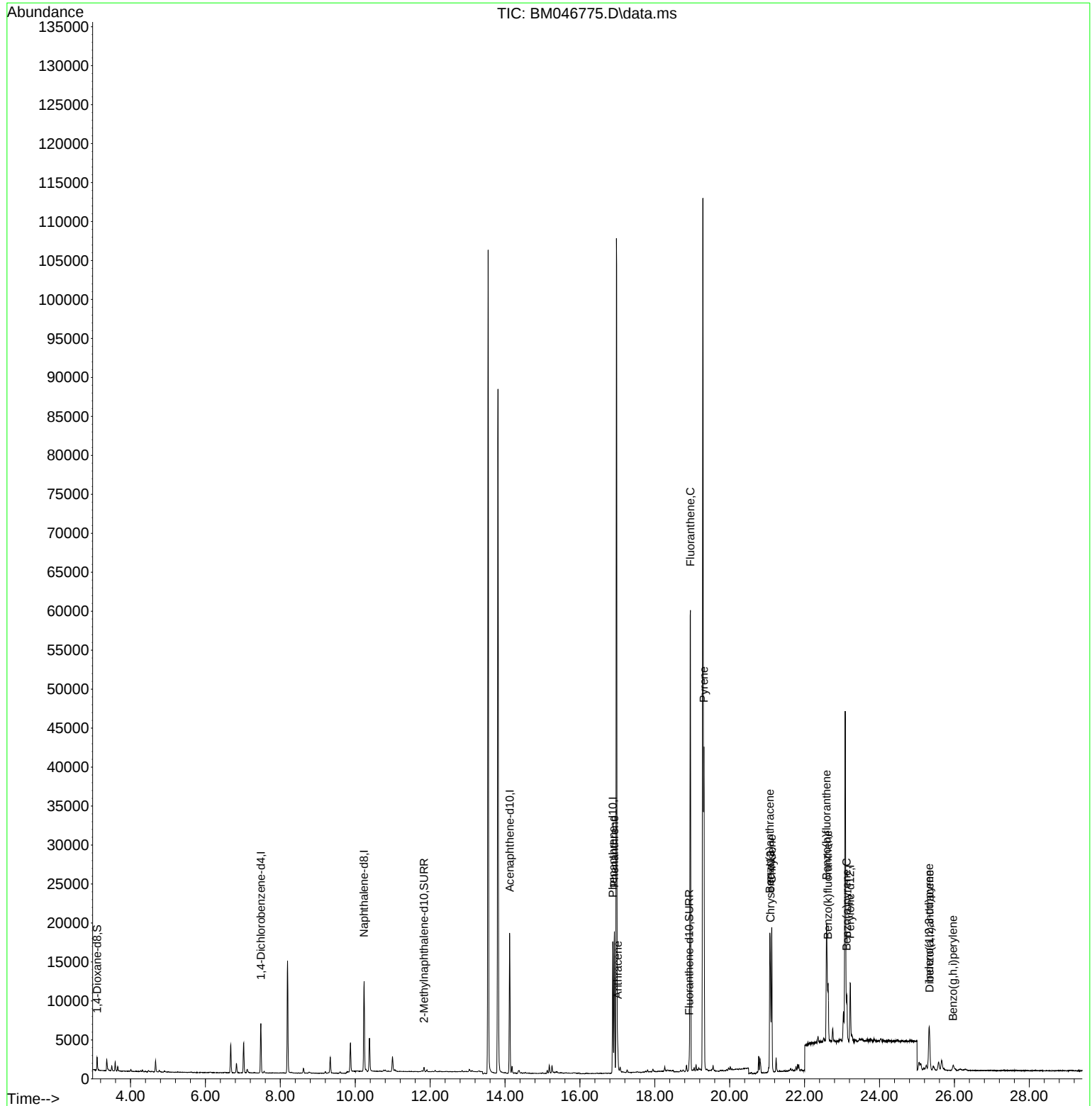
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046775.D
Acq On : 23 Jul 2024 13:18
Operator : MA/JU
Sample : P3238-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

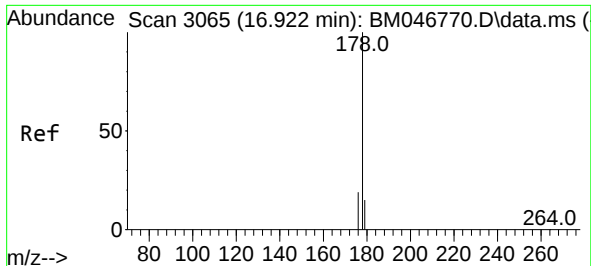
Instrument :
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A4BF8DL

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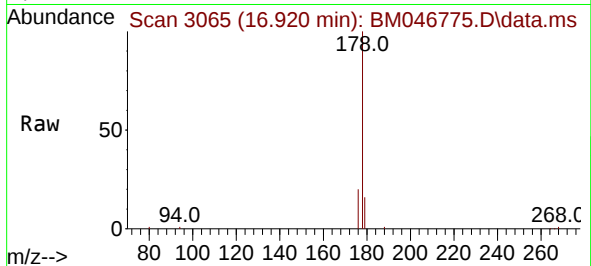
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 16.920 min Scan# 3065
Delta R.T. -0.004 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

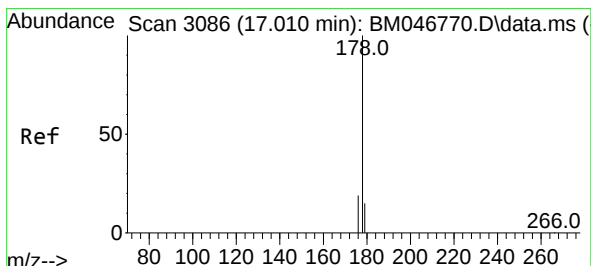
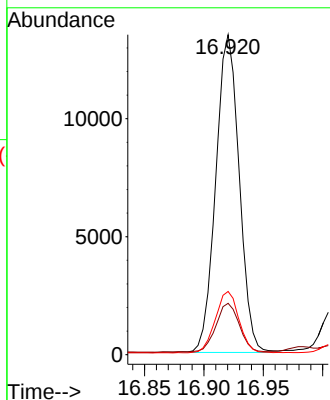
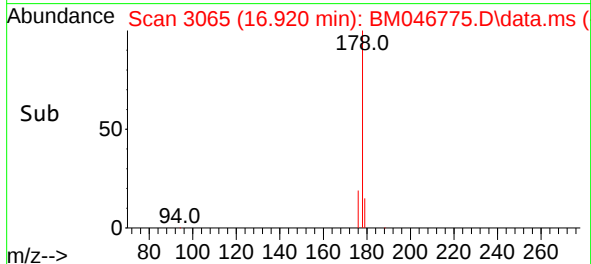
Instrument :
BNA_M
ClientSampleId :
A4BF8DL



Tgt Ion:178 Resp: 18472
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.8 16.0 24.0

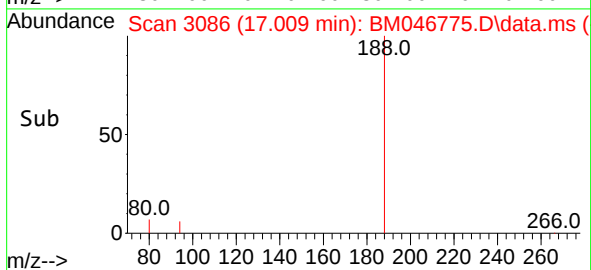
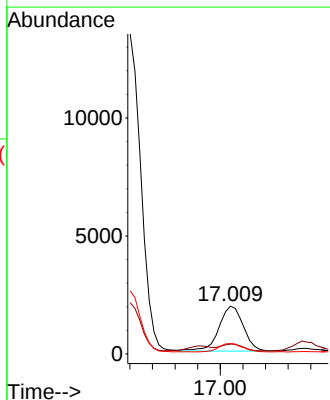
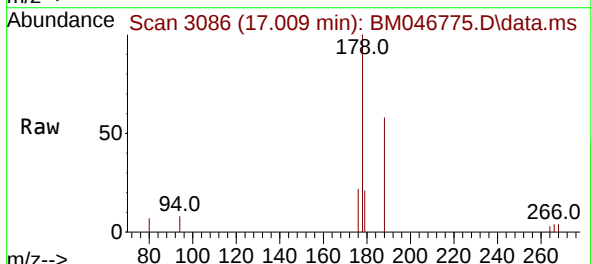
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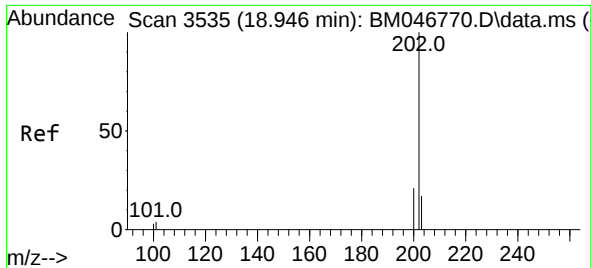
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#16
Anthracene
Concen: 0.052 ng/ul
RT: 17.009 min Scan# 3086
Delta R.T. -0.009 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

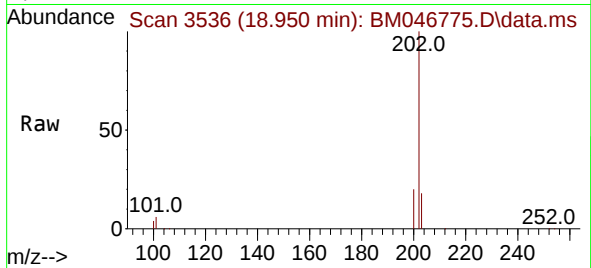
Tgt Ion:178 Resp: 2869
Ion Ratio Lower Upper
178 100
179 20.6 13.5 20.3#
176 21.9 15.7 23.5





#19
Fluoranthene
Concen: 1.402 ng/u1
RT: 18.950 min Scan# 3536
Delta R.T. -0.005 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

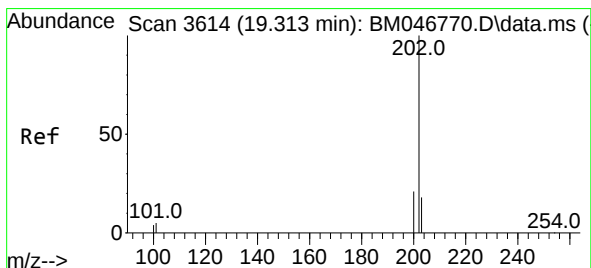
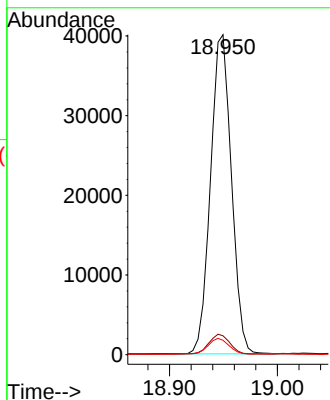
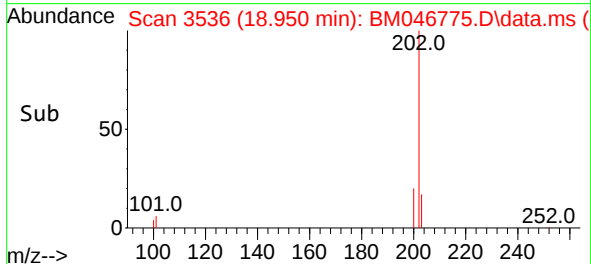
Instrument :
BNA_M
ClientSampleId :
A4BF8DL



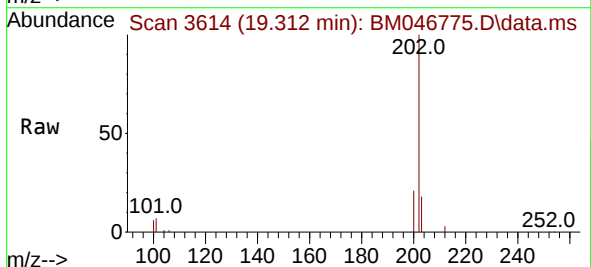
Tgt Ion:202 Resp: 53940
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.5 3.0 4.6

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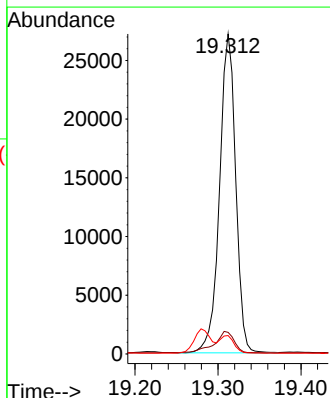
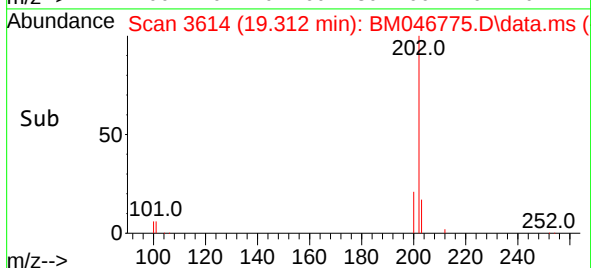
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

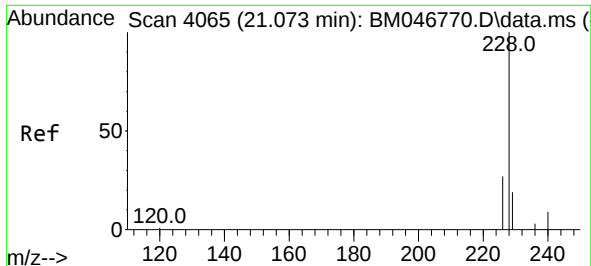


#20
Pyrene
Concen: 0.877 ng/u1
RT: 19.312 min Scan# 3614
Delta R.T. -0.010 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18



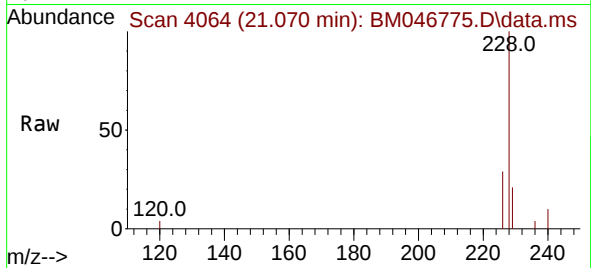
Tgt Ion:202 Resp: 36536
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.8 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.070 min Scan# 4065
Delta R.T. -0.009 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

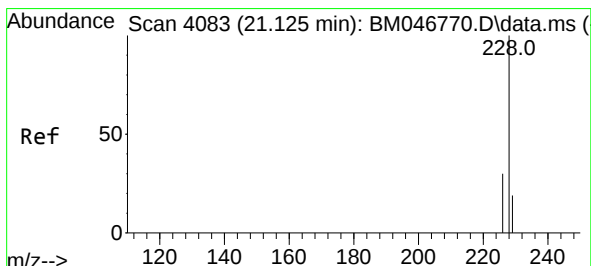
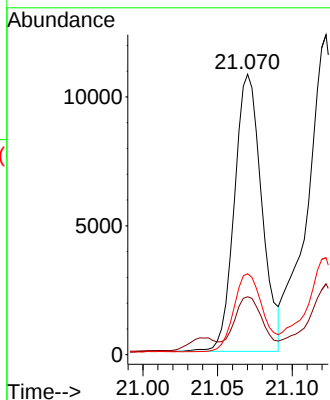
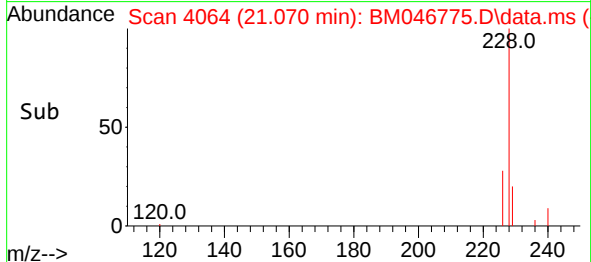
Instrument :
BNA_M
ClientSampleId :
A4BF8DL



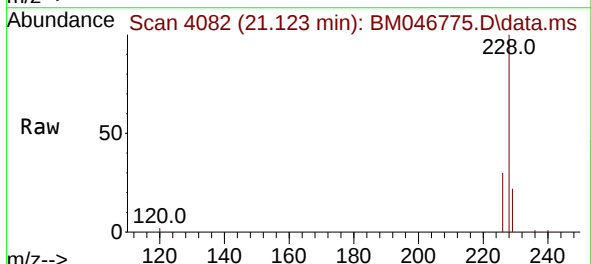
Tgt Ion:228 Resp: 1374
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 28.9 22.5 33.7

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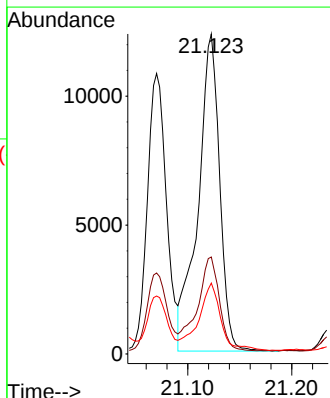
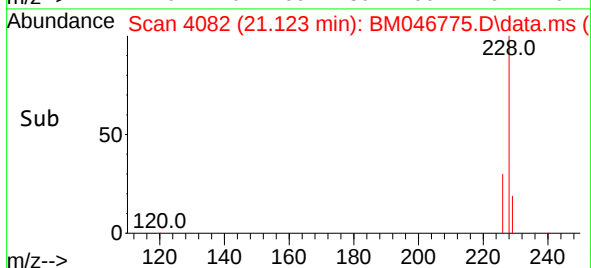
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

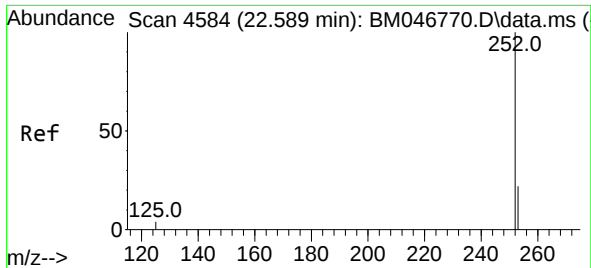


#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18



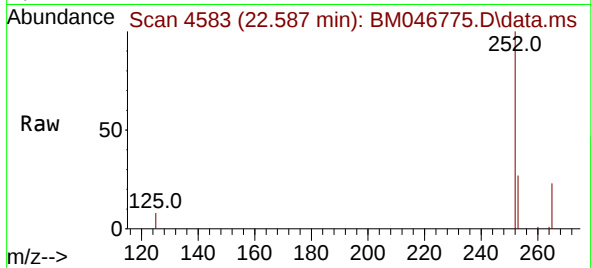
Tgt Ion:228 Resp: 17766
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.676 ng/ul m
RT: 22.587 min Scan# 4583
Delta R.T. -0.012 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

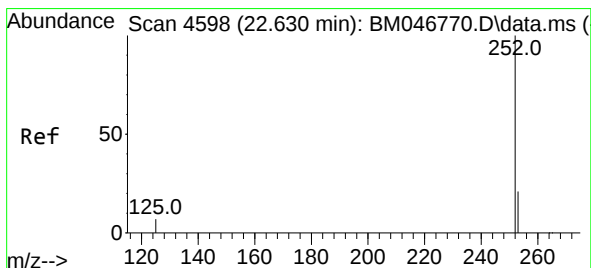
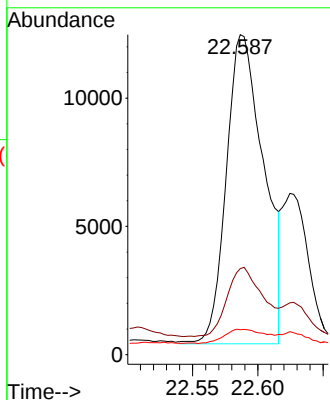
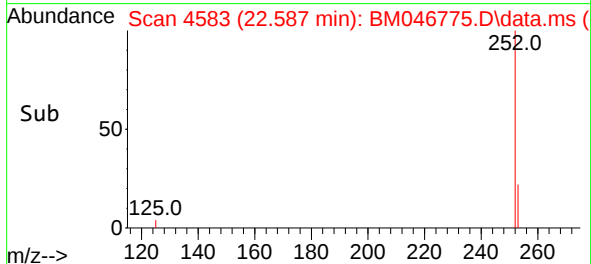
Instrument :
BNA_M
ClientSampleId :
A4BF8DL



Tgt Ion:252 Resp: 24080
Ion Ratio Lower Upper
252 100
253 26.9 0.0 56.2
125 7.8 0.0 17.8

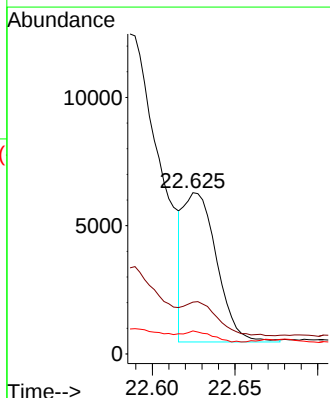
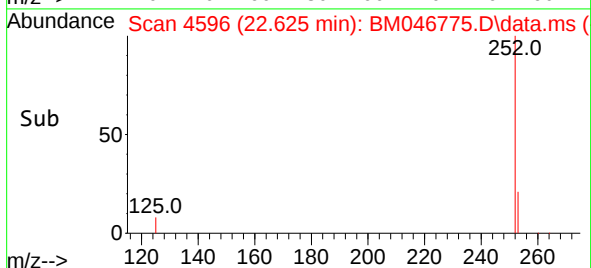
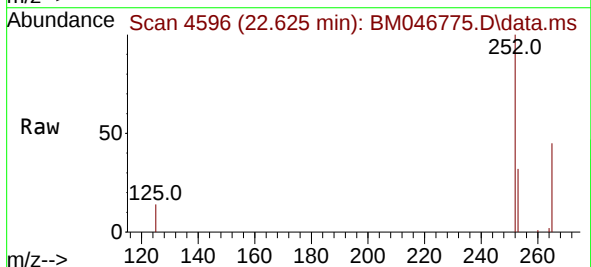
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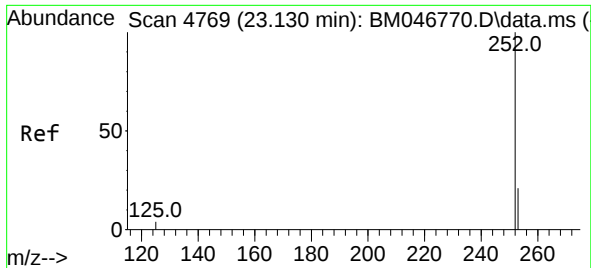
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.625 min Scan# 4596
Delta R.T. -0.015 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

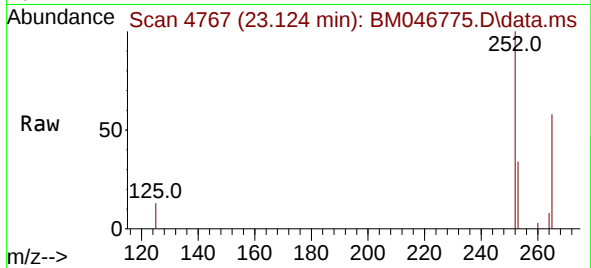
Tgt Ion:252 Resp: 8180
Ion Ratio Lower Upper
252 100
253 32.2 22.4 33.6
125 14.3 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 23.124 min Scan# 4769
Delta R.T. -0.015 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

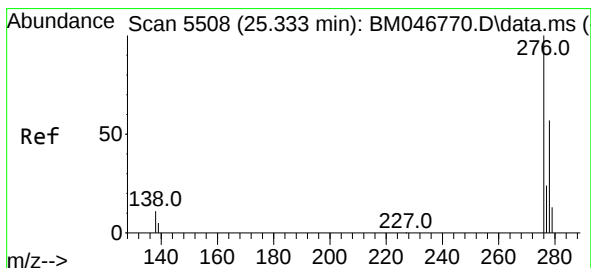
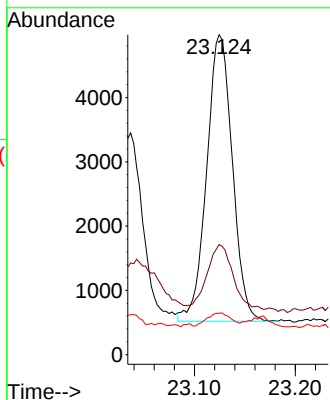
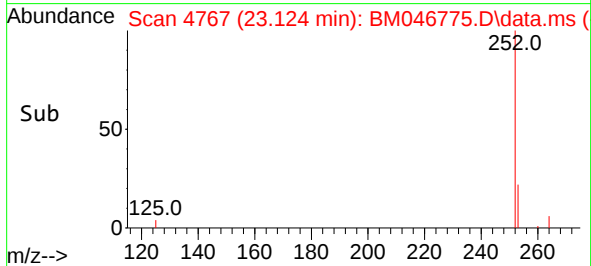
Instrument :
BNA_M
ClientSampleId :
A4BF8DL



Tgt Ion:252 Resp: 7875
Ion Ratio Lower Upper
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125 13.0 8.2 12.2

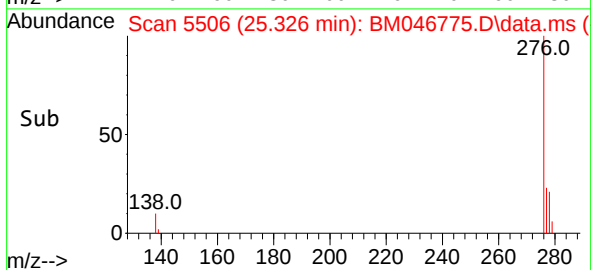
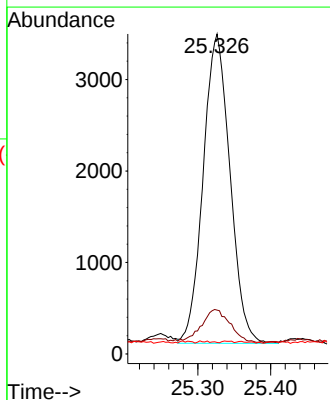
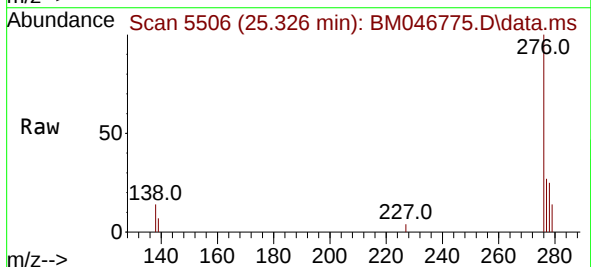
Manual Integrations
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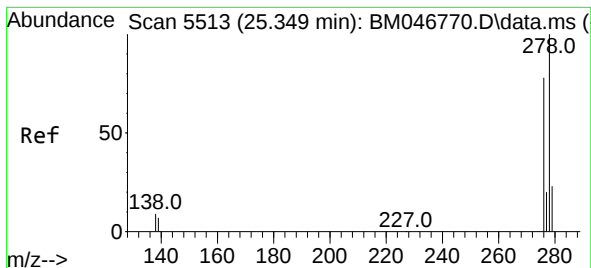
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 25.326 min Scan# 5506
Delta R.T. -0.020 min
Lab File: BM046775.D
Acq: 23 Jul 2024 13:18

Tgt Ion:276 Resp: 8638
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.076 ng/ul

RT: 25.340 min Scan# 51

Delta R.T. -0.020 min

Lab File: BM046775.D

Acq: 23 Jul 2024 13:18

Instrument :

BNA_M

ClientSampleId :

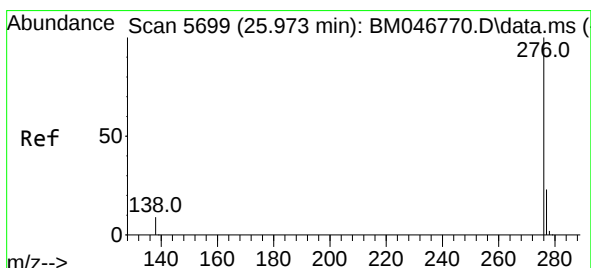
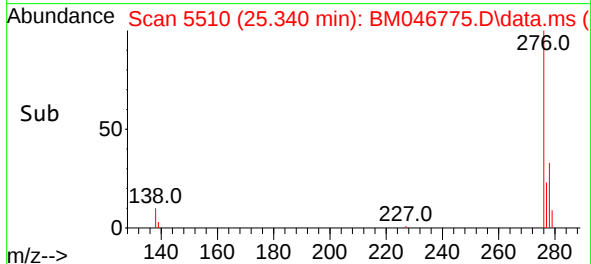
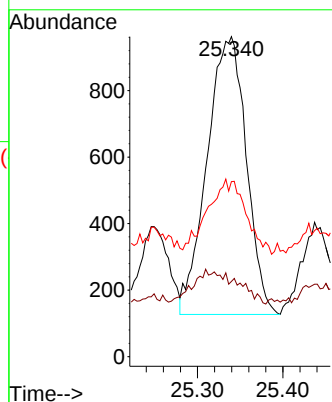
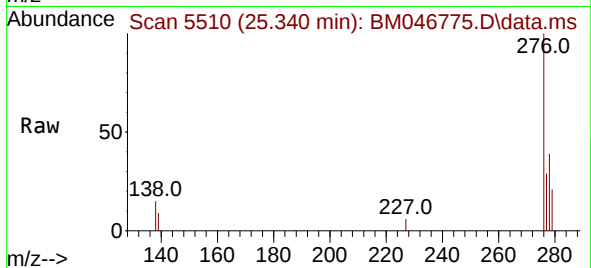
A4BF8DL

Tgt Ion:	278	Resp:	266
Ion Ratio	Lower	Upper	
278	100		
139	23.5	9.1	13.7
279	54.7	23.2	34.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#29

Benzo(g,h,i)perylene

Concen: 0.044 ng/ul

RT: 25.964 min Scan# 5696

Delta R.T. -0.020 min

Lab File: BM046775.D

Acq: 23 Jul 2024 13:18

Tgt Ion:	276	Resp:	1549
Ion Ratio	Lower	Upper	
276	100		
138	30.1	10.2	15.4
277	43.9	20.9	31.3

