

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046286.D
 Acq On : 25 Jun 2024 11:41
 Operator : MA/JU
 Sample : P2844-25
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 A4C50

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 12:49:19 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 : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.396	152	2283	0.400	ng/ul	-0.06	
4) Naphthalene-d8	10.165	136	7089	0.400	ng/ul	-0.09	
9) Acenaphthene-d10	14.043	164	3814	0.400	ng/ul	-0.05	
13) Phenanthrene-d10	16.794	188	8214m	0.400	ng/ul	-0.06	
17) Chrysene-d12	21.006	240	6142	0.400	ng/ul	-0.02	
23) Perylene-d12	23.089	264	5991m	0.400	ng/ul	-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.021	96	11503	3.672	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	11.755	152	2884	0.303	ng/ul	-0.12	
18) Fluoranthene-d10	18.829	212	5487	0.298	ng/ul	-0.04	
Target Compounds							
							Qvalue
10) Acenaphthylene	13.756	152	485	0.027	ng/ul#		33
15) Phenanthrene	16.832	178	1760m	0.076	ng/ul		
16) Anthracene	16.920	178	461m	0.027	ng/ul		
19) Fluoranthene	18.861	202	4714	0.177	ng/ul#		95
20) Pyrene	19.219	202	4204m	0.146	ng/ul		
21) Benzo(a)anthracene	20.991	228	2263	0.095	ng/ul#		82
22) Chrysene	21.041	228	2169	0.072	ng/ul#		89
24) Benzo(b)fluoranthene	22.476	252	3575m	0.166	ng/ul		
25) Benzo(k)fluoranthene	22.508	252	1733m	0.068	ng/ul		
26) Benzo(a)pyrene	22.993	252	2180	0.109	ng/ul#		42
27) Indeno(1,2,3-cd)pyrene	25.142	276	2066m	0.063	ng/ul		
28) Dibenzo(a,h)anthracene	25.142	278	515	0.021	ng/ul#		1
29) Benzo(g,h,i)perylene	25.759	276	2066	0.074	ng/ul#		49

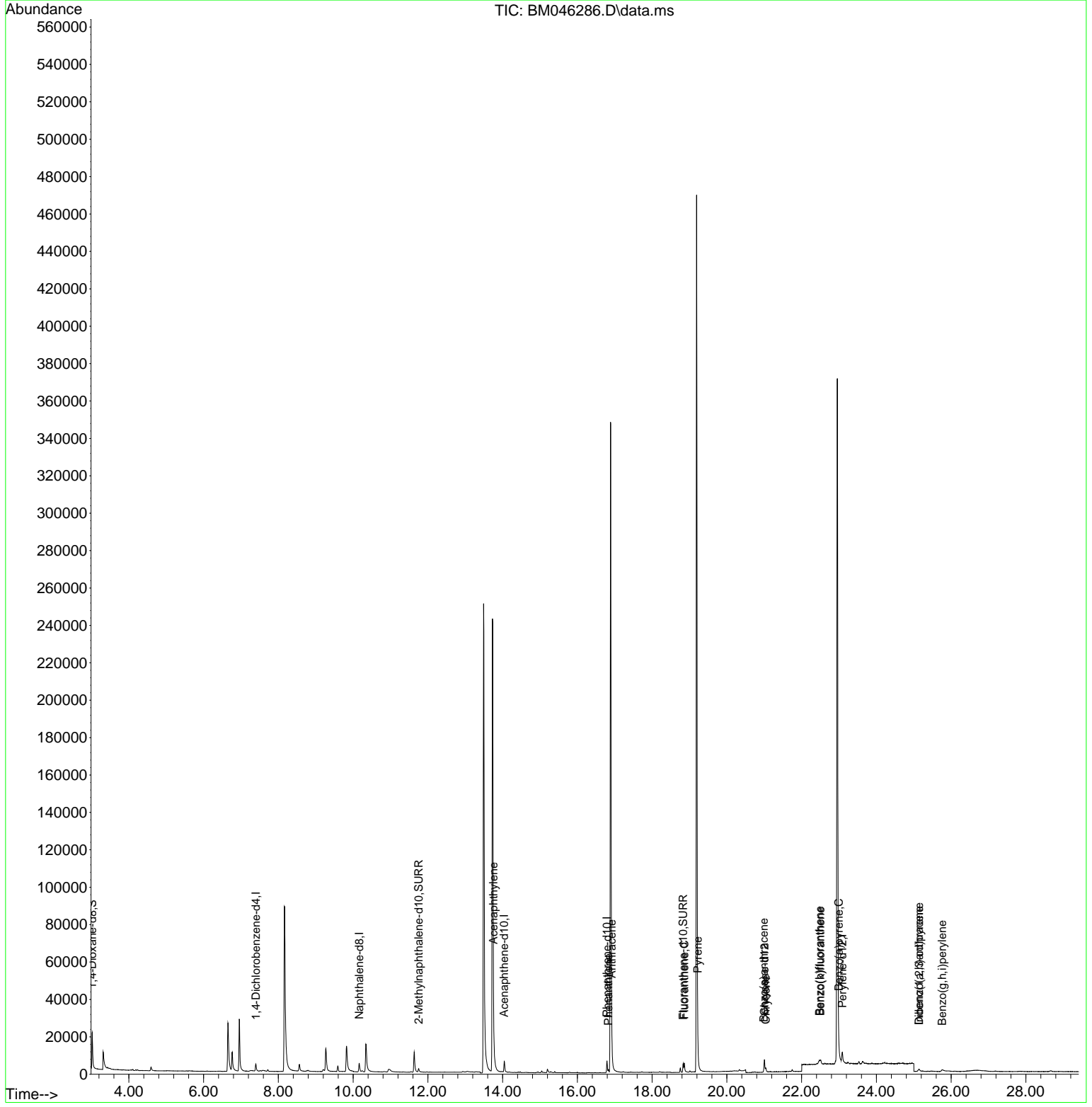
(#) = qualifier out of range (m) = manual integration (+) = signals summed

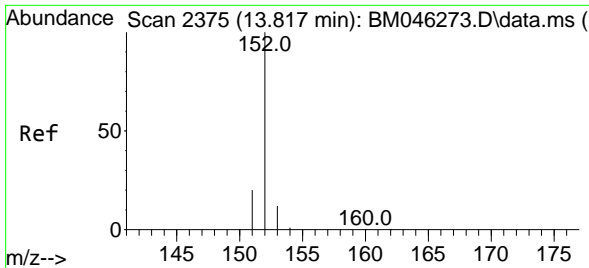
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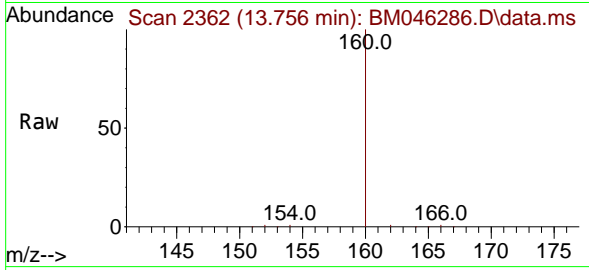
Manual Integrations
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 Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024





#10
 Acenaphthylene
 Concen: 0.027 ng/u1
 RT: 13.756 min Scan# 21
 Delta R.T. -0.062 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

Instrument : BNA_M
 ClientSampleId : A4C50

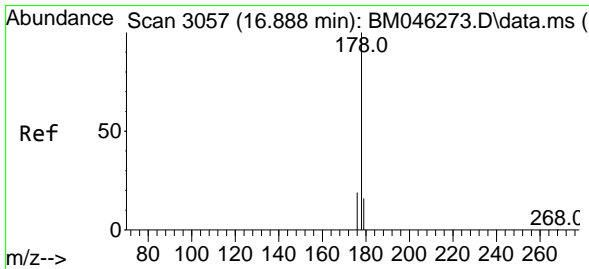
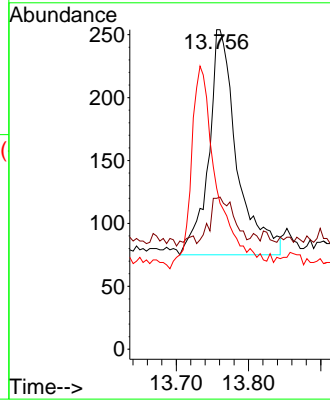
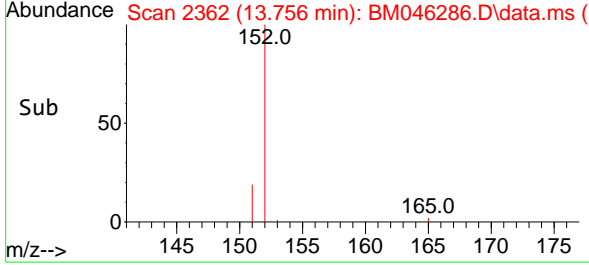


Tgt Ion:152 Resp: 489

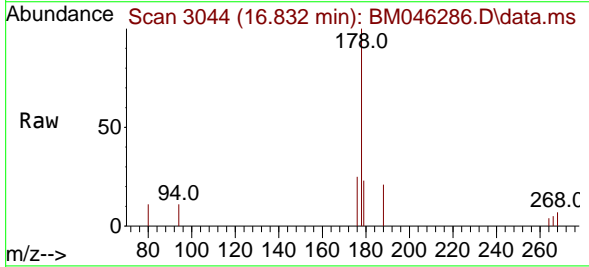
Ion	Ratio	Lower	Upper
152	100		
151	47.2	17.4	26.2
153	50.4	11.8	17.8

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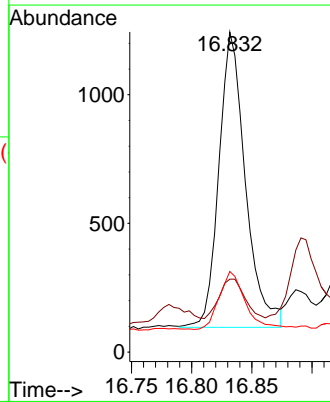
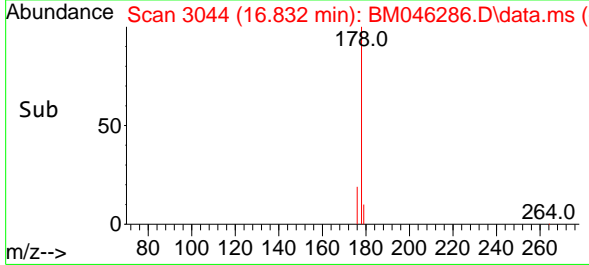


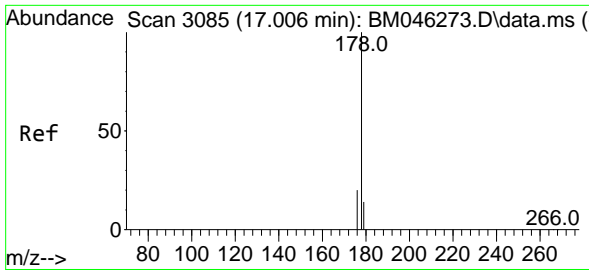
#15
 Phenanthrene
 Concen: 0.076 ng/u1 m
 RT: 16.832 min Scan# 3044
 Delta R.T. -0.056 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41



Tgt Ion:178 Resp: 1760

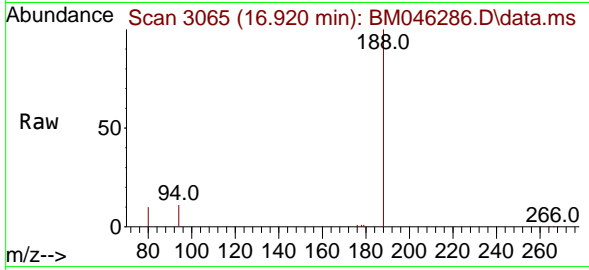
Ion	Ratio	Lower	Upper
178	100		
179	22.7	14.2	21.2
176	25.2	17.1	25.7





#16
 Anthracene
 Concen: 0.027 ng/ul m
 RT: 16.920 min Scan# 3085
 Delta R.T. -0.086 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

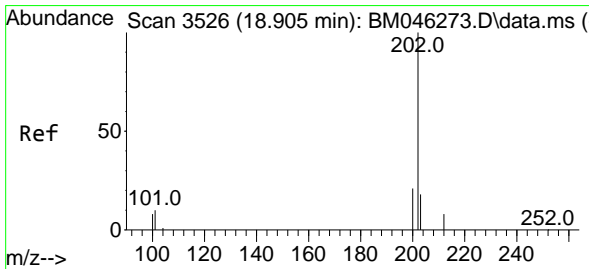
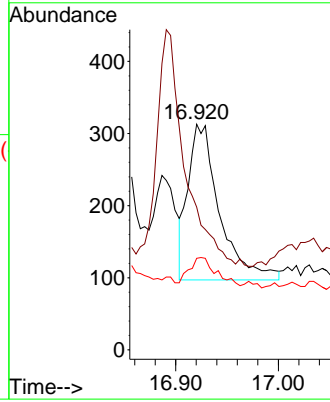
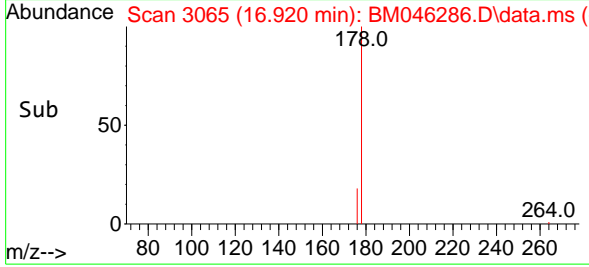
Instrument :
 BNA_M
 ClientSampleId :
 A4C50



Tgt Ion:178 Resp: 46
 Ion Ratio Lower Upper
 178 100
 179 63.3 14.9 22.3
 176 40.6 17.0 25.4

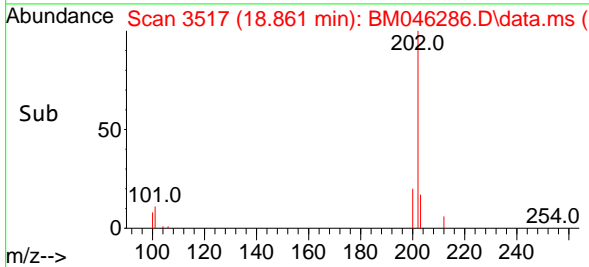
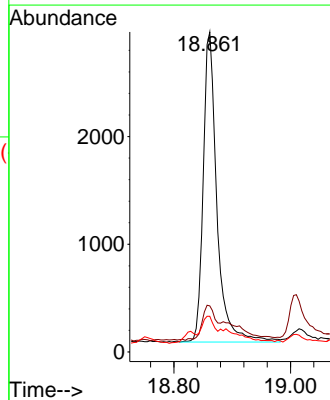
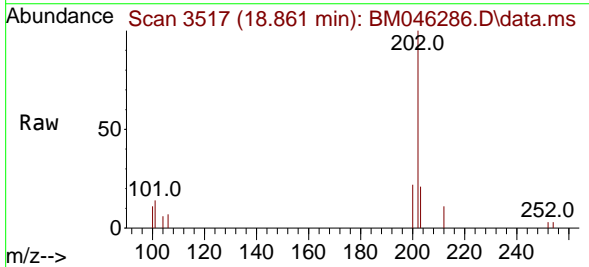
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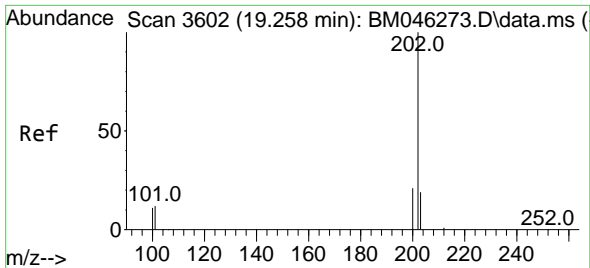
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.177 ng/ul
 RT: 18.861 min Scan# 3517
 Delta R.T. -0.043 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

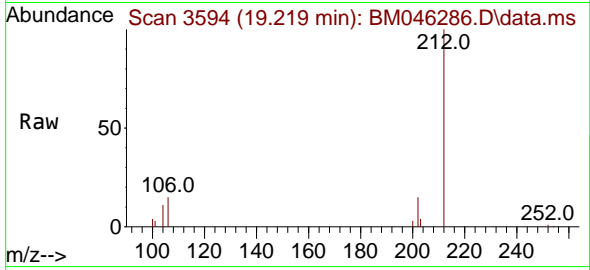
Tgt Ion:202 Resp: 4714
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.6 14.4#
 100 11.2 7.6 11.4





#20
 Pyrene
 Concen: 0.146 ng/ul m
 RT: 19.219 min Scan# 3
 Delta R.T. -0.039 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

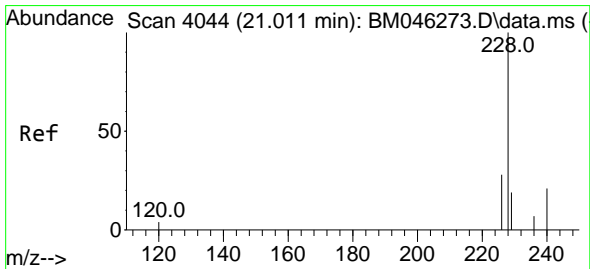
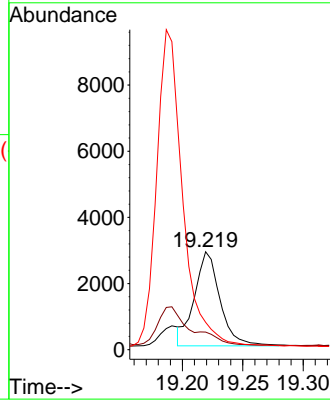
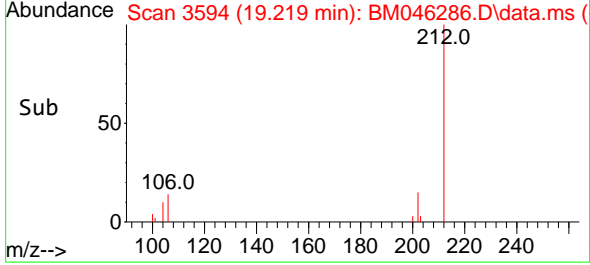
Instrument :
 BNA_M
 ClientSampleId :
 A4C50



Tgt Ion:202 Resp: 4204
 Ion Ratio Lower Upper
 202 100
 101 18.1 11.3 16.9#
 100 27.9 9.8 14.6#

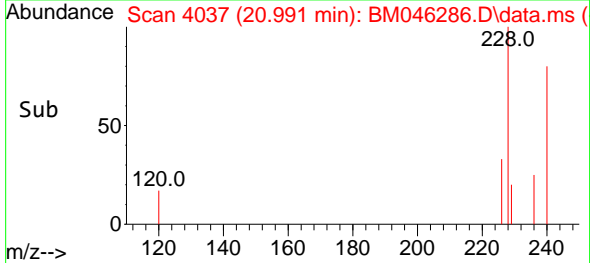
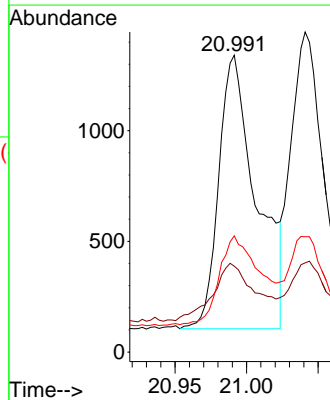
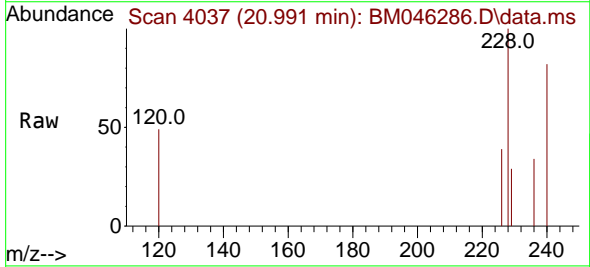
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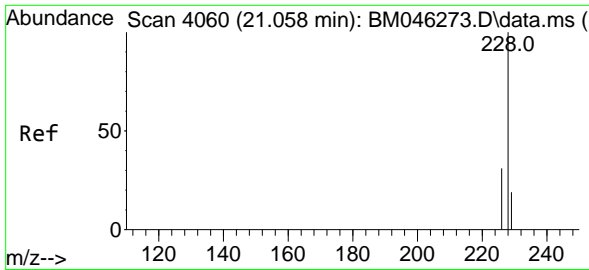
Reviewed By :Yogesh Patel 06/26/2024
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#21
 Benzo(a)anthracene
 Concen: 0.095 ng/ul
 RT: 20.991 min Scan# 4037
 Delta R.T. -0.020 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

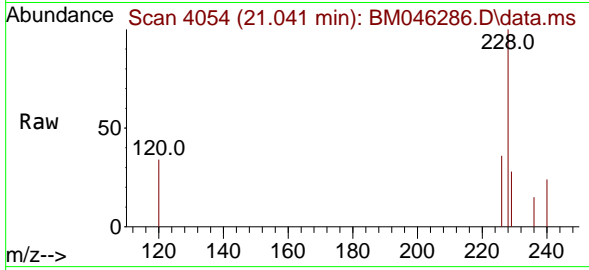
Tgt Ion:228 Resp: 2263
 Ion Ratio Lower Upper
 228 100
 229 28.9 16.4 24.6#
 226 39.1 23.4 35.2#





#22
 Chrysene
 Concen: 0.072 ng/u1
 RT: 21.041 min Scan# 4060
 Delta R.T. -0.017 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

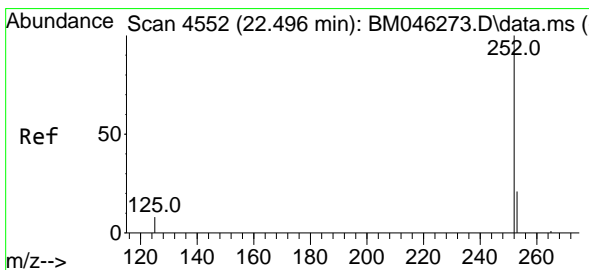
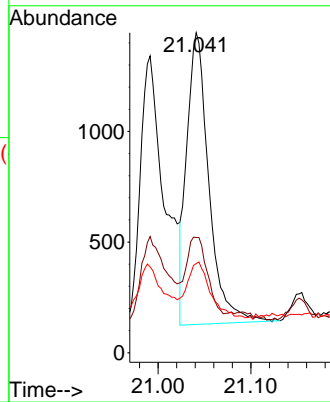
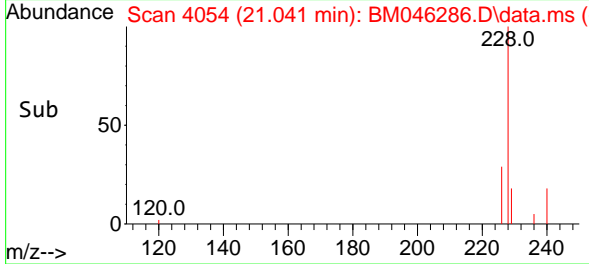
Instrument :
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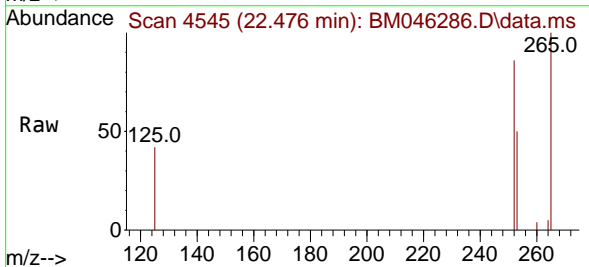
Tgt Ion:228 Resp: 2169
 Ion Ratio Lower Upper
 228 100
 226 36.0 25.2 37.8
 229 27.9 16.3 24.5

Manual Integrations
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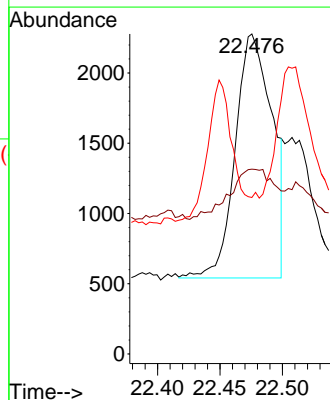
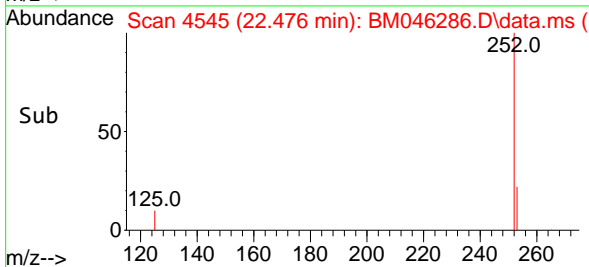
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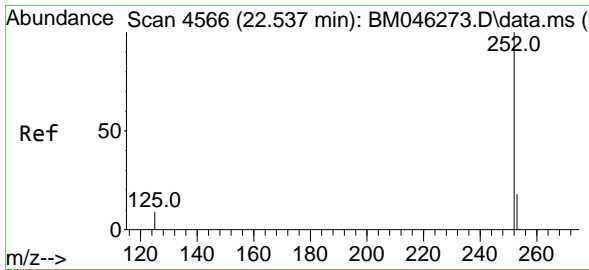


#24
 Benzo(b)fluoranthene
 Concen: 0.166 ng/u1 m
 RT: 22.476 min Scan# 4545
 Delta R.T. -0.020 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41



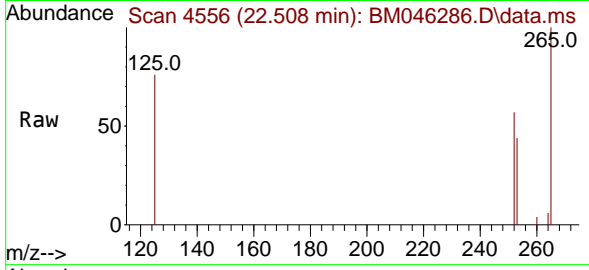
Tgt Ion:252 Resp: 3575
 Ion Ratio Lower Upper
 252 100
 253 57.8 0.0 65.8
 125 48.9 0.0 40.2





#25
 Benzo(k)fluoranthene
 Concen: 0.068 ng/u1 m
 RT: 22.508 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

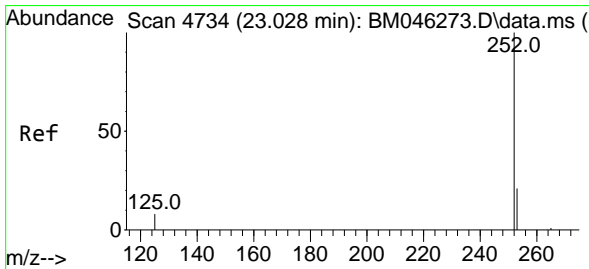
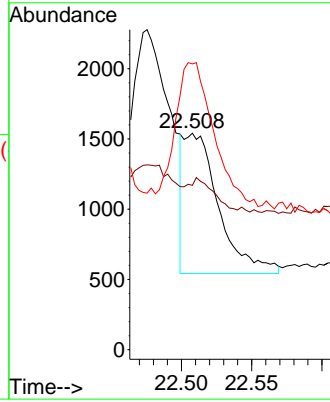
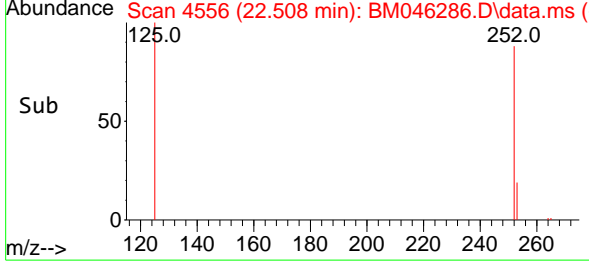
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 A4C50



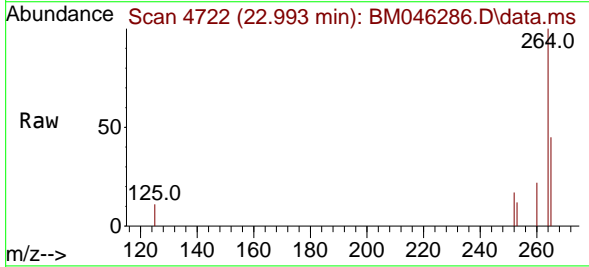
Tgt Ion:252 Resp: 173
 Ion Ratio Lower Upper
 252 100
 253 75.9 27.2 40.8#
 125 132.0 16.6 25.0#

Manual Integrations
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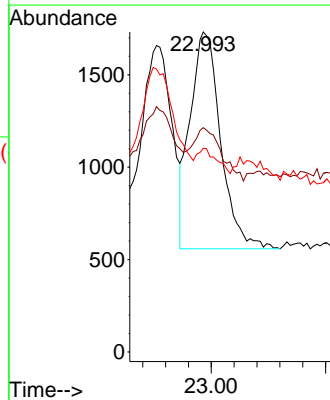
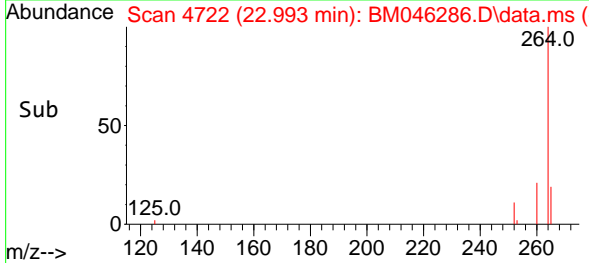
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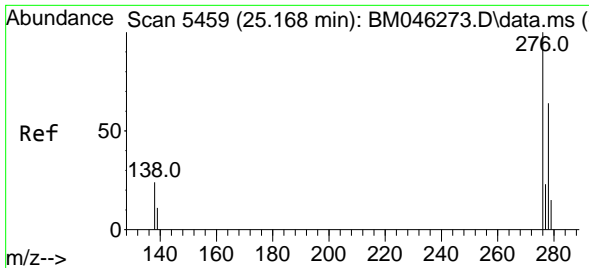


#26
 Benzo(a)pyrene
 Concen: 0.109 ng/u1
 RT: 22.993 min Scan# 4722
 Delta R.T. -0.035 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41



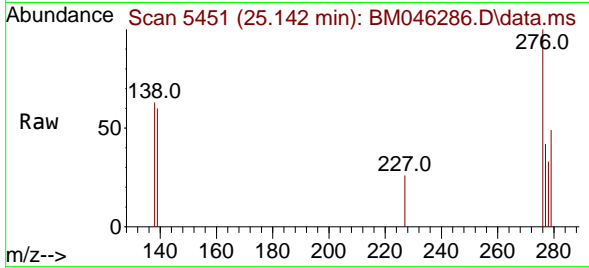
Tgt Ion:252 Resp: 2180
 Ion Ratio Lower Upper
 252 100
 253 70.1 32.1 48.1#
 125 63.6 21.2 31.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.063 ng/ul m
 RT: 25.142 min Scan# 5451
 Delta R.T. -0.026 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

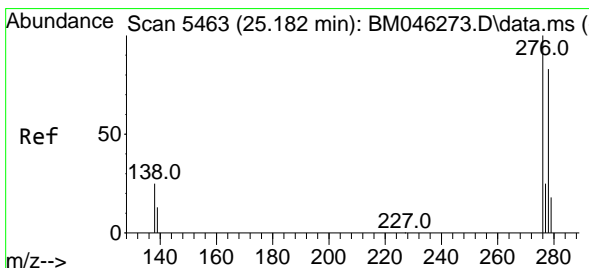
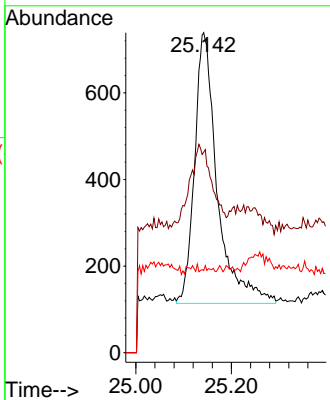
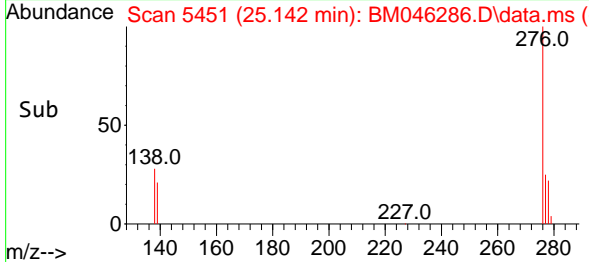
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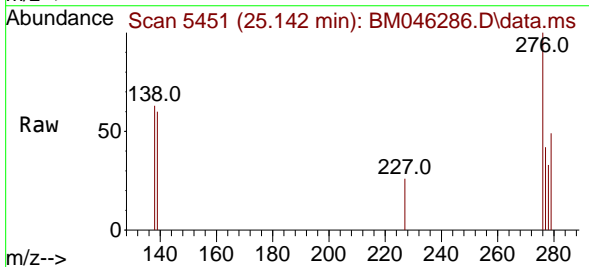
Tgt Ion: 276 Resp: 2060
 Ion Ratio Lower Upper
 276 100
 138 318.3 21.0 31.4#
 227 0.0 0.0 0.0

Manual Integrations
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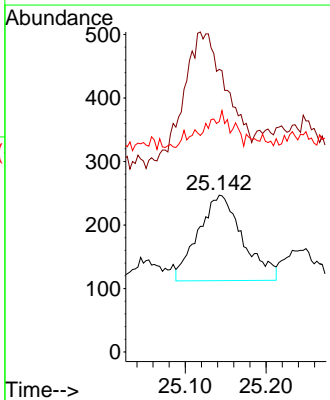
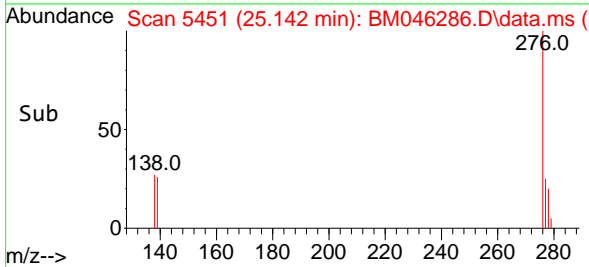
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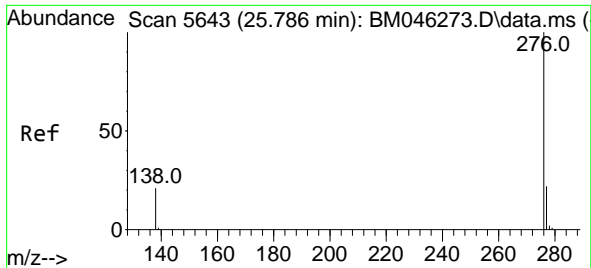


#28
 Dibenzo(a,h)anthracene
 Concen: 0.021 ng/ul
 RT: 25.142 min Scan# 5451
 Delta R.T. -0.040 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41



Tgt Ion: 278 Resp: 515
 Ion Ratio Lower Upper
 278 100
 139 180.2 17.6 26.4#
 279 147.0 26.3 39.5#





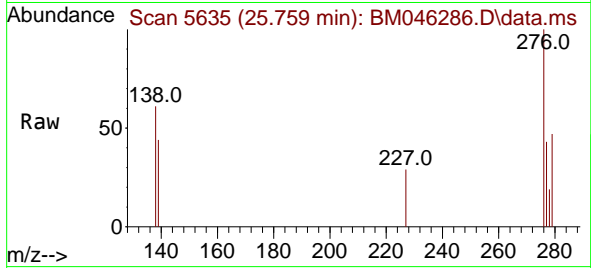
#29
 Benzo(g,h,i)perylene
 Concen: 0.074 ng/ul
 RT: 25.759 min Scan# 50
 Delta R.T. -0.026 min
 Lab File: BM046286.D
 Acq: 25 Jun 2024 11:41

Instrument :

BNA_M

ClientSampleId :

A4C50



Tgt Ion: 276 Resp: 2060

Ion	Ratio	Lower	Upper
276	100		
138	61.3	21.7	32.5
277	43.1	20.4	30.6

Manual Integrations

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