

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046200.D
 Acq On : 22 Jun 2024 16:28
 Operator : MA/JU
 Sample : P2775-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C86

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 01:07:33 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	7.409	152	2357	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.182	136	7225	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.061	164	3960	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.806	188	8312m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.018	240	6423m	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264	6867m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	11694	3.616	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152	2671	0.275	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	5484	0.285	ng/ul	-0.04
Target Compounds						Qvalue
10) Acenaphthylene	13.779	152	836	0.045	ng/ul#	64
15) Phenanthrene	16.849	178	4953m	0.212	ng/ul	
16) Anthracene	16.937	178	1242m	0.071	ng/ul	
19) Fluoranthene	18.875	202	12382	0.445	ng/ul	98
20) Pyrene	19.233	202	11833	0.393	ng/ul#	95
21) Benzo(a)anthracene	21.003	228	5672	0.229	ng/ul	94
22) Chrysene	21.053	228	5496	0.174	ng/ul	96
24) Benzo(b)fluoranthene	22.487	252	8360m	0.338	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	2896m	0.098	ng/ul	
26) Benzo(a)pyrene	23.008	252	5439	0.237	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.162	276	4253	0.113	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.159	278	999	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	25.783	276	4325	0.134	ng/ul#	84

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

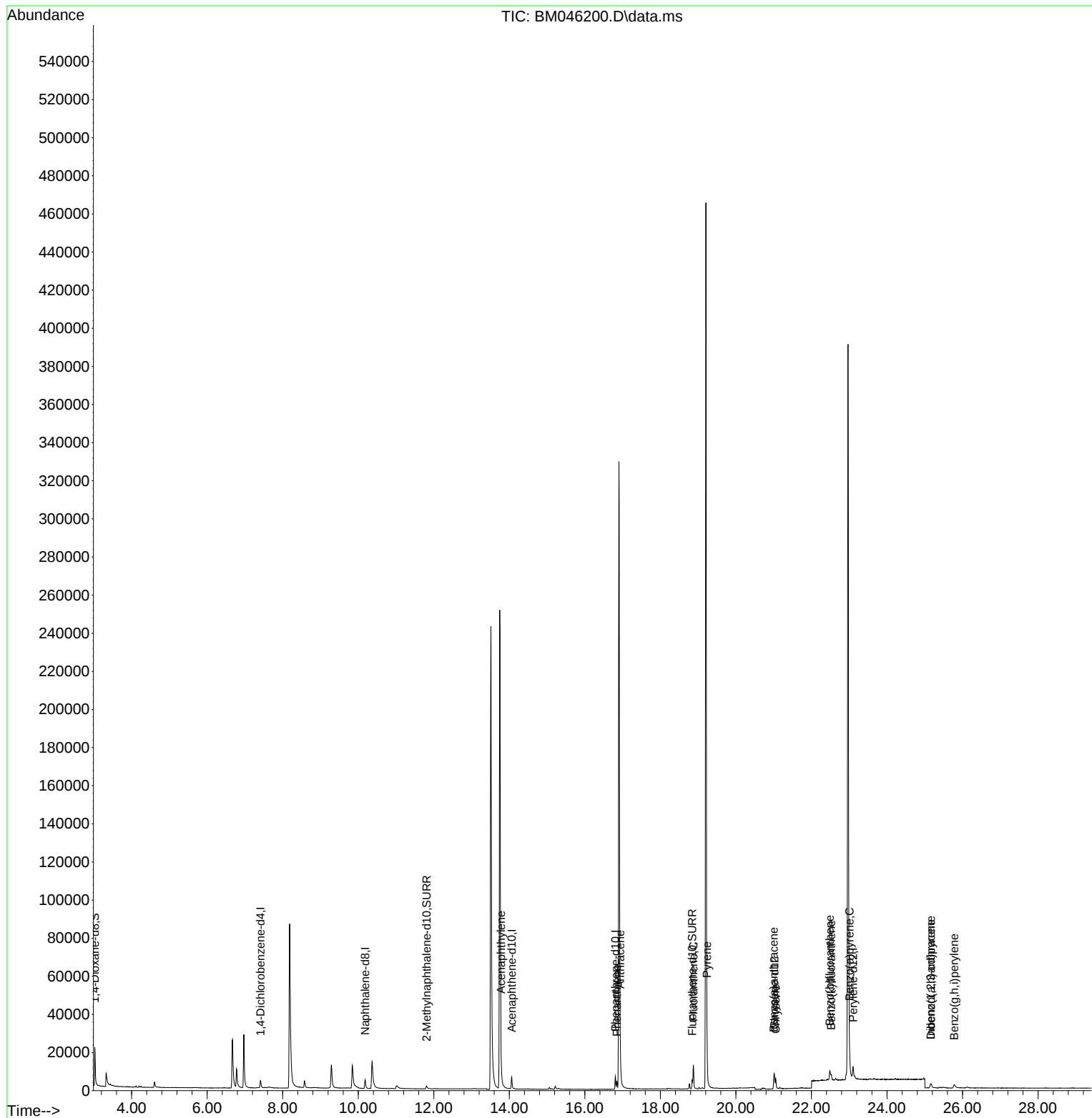
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
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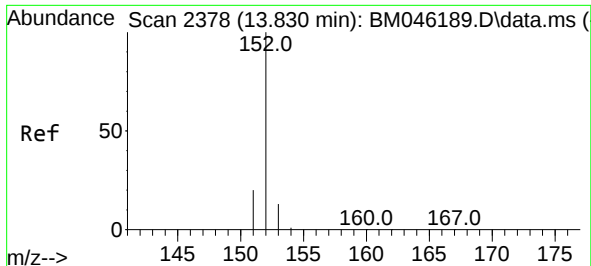
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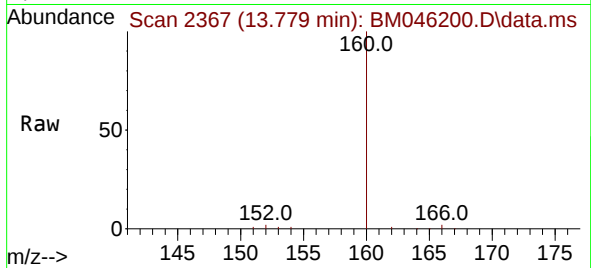
Quant Time: Jun 23 01:07:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 13.779 min Scan# 21
Delta R.T. -0.055 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

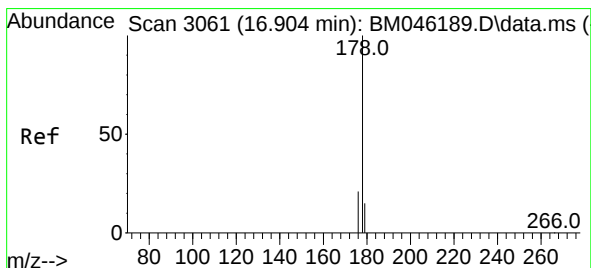
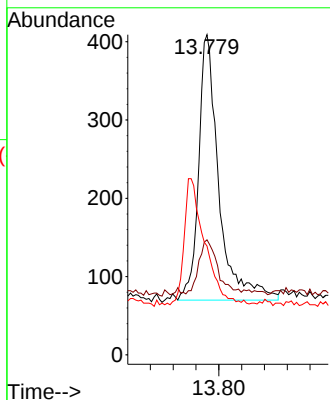
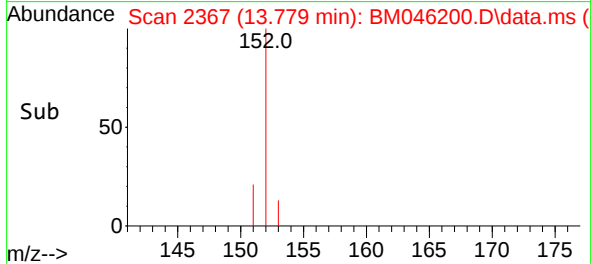
Instrument :
BNA_M
ClientSampleId :
A4C86



Tgt Ion:152 Resp: 830
Ion Ratio Lower Upper
152 100
151 35.9 17.4 26.2
153 34.0 11.8 17.8

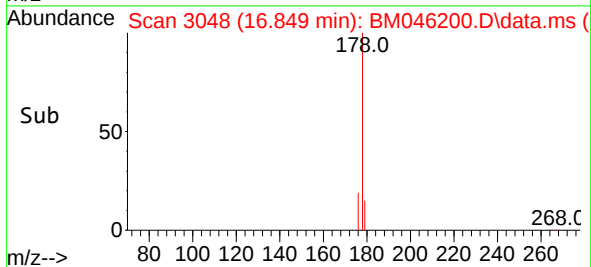
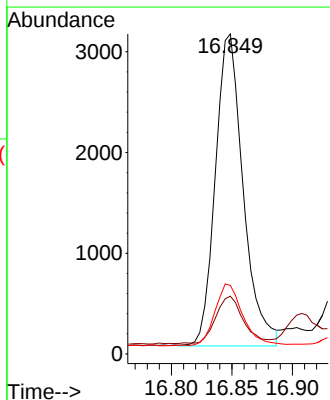
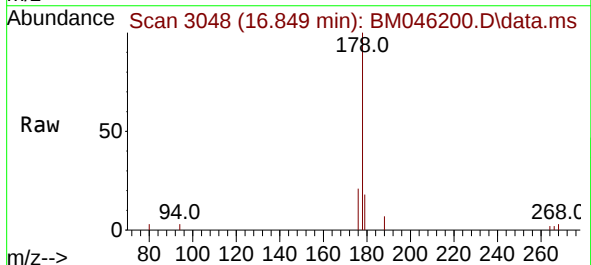
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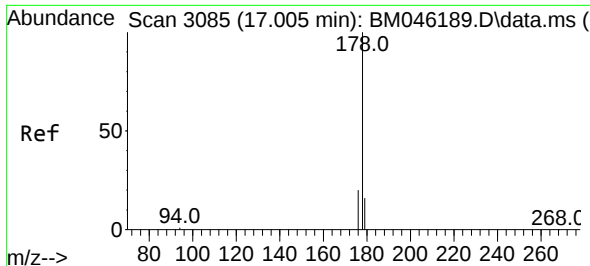
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#15
Phenanthrene
Concen: 0.212 ng/ul m
RT: 16.849 min Scan# 3048
Delta R.T. -0.055 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

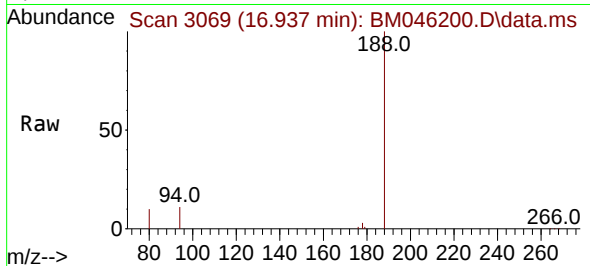
Tgt Ion:178 Resp: 4953
Ion Ratio Lower Upper
178 100
179 18.1 14.2 21.2
176 21.4 17.1 25.7





#16
 Anthracene
 Concen: 0.071 ng/ul m
 RT: 16.937 min Scan# 3085
 Delta R.T. -0.067 min
 Lab File: BM046200.D
 Acq: 22 Jun 2024 16:28

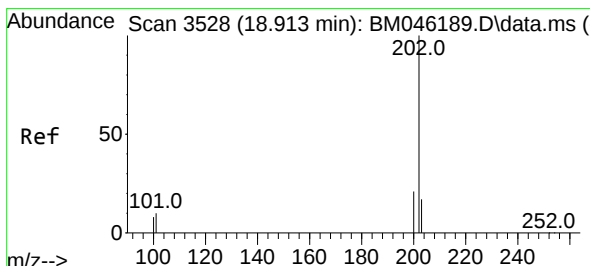
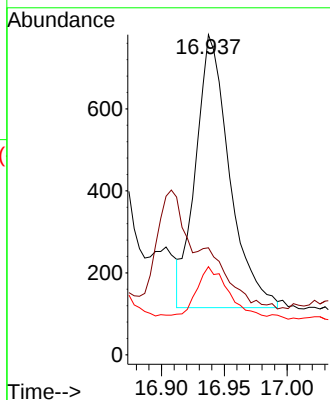
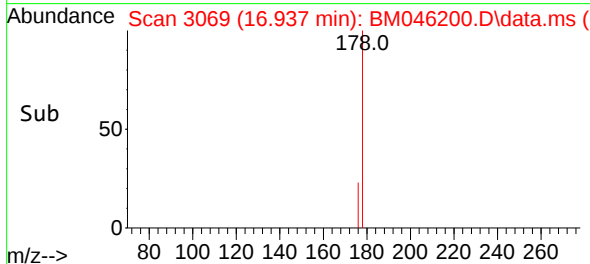
Instrument :
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Tgt Ion:178 Resp: 124
 Ion Ratio Lower Upper
 178 100
 179 33.4 14.9 22.3
 176 27.5 17.0 25.4

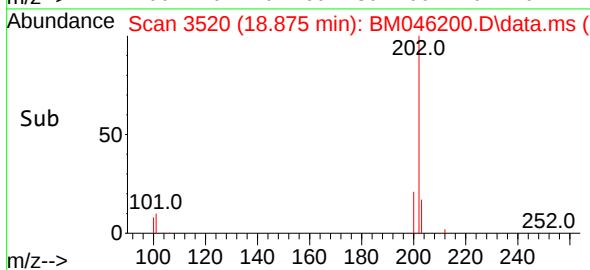
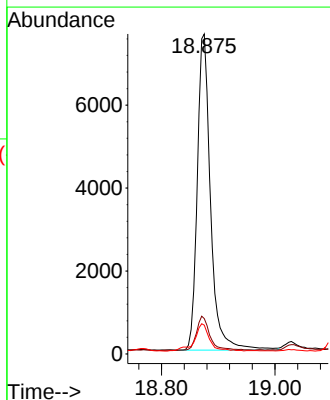
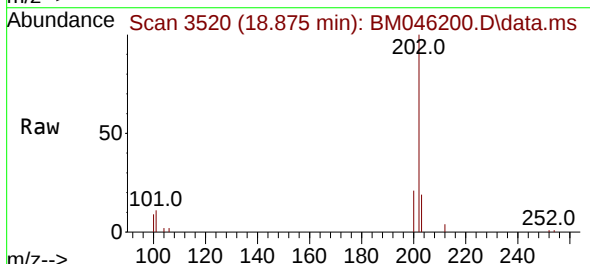
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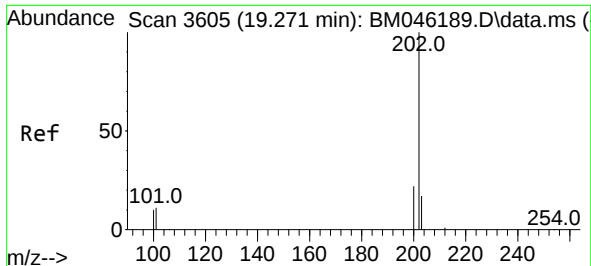
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 0.445 ng/ul
 RT: 18.875 min Scan# 3520
 Delta R.T. -0.042 min
 Lab File: BM046200.D
 Acq: 22 Jun 2024 16:28

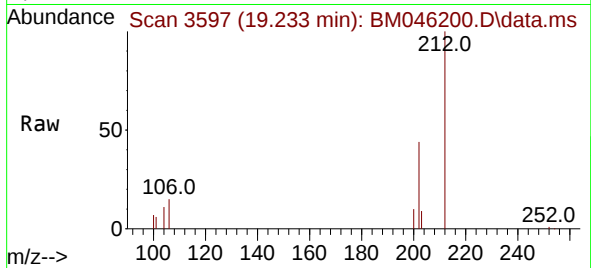
Tgt Ion:202 Resp: 12382
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.6 14.4
 100 9.0 7.6 11.4





#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

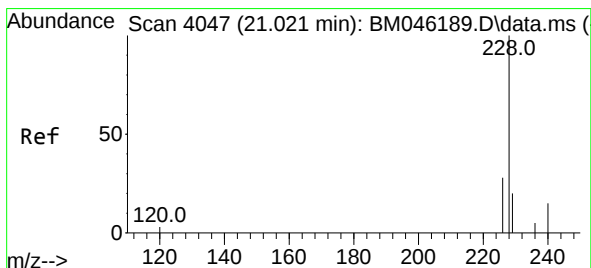
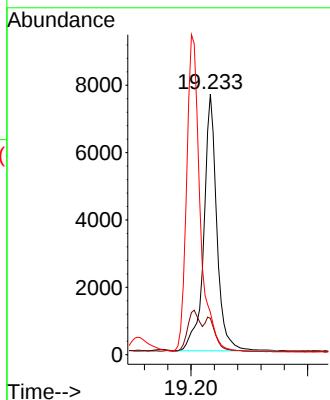
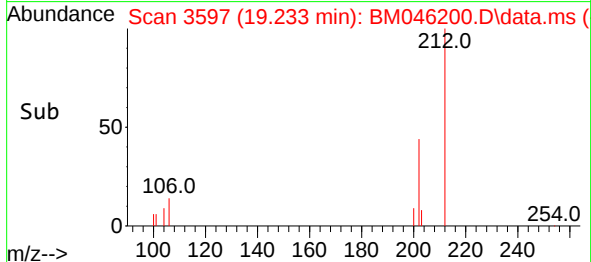
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 1183
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 16.2 9.8 14.6

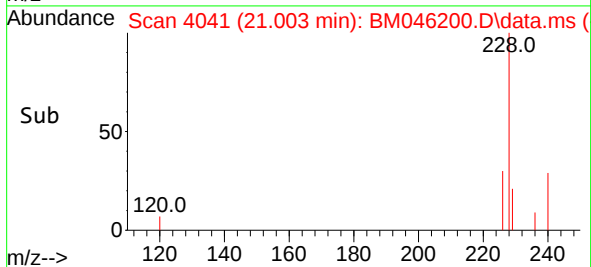
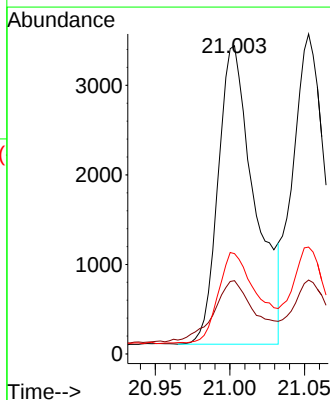
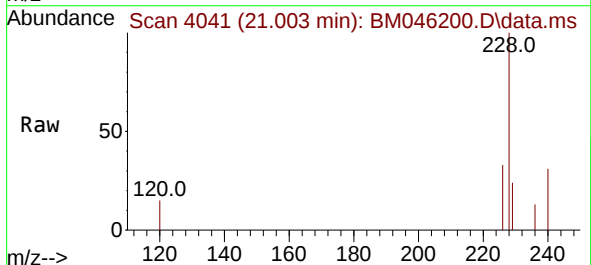
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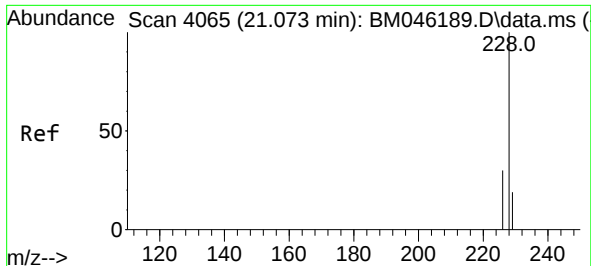
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#21
Benzo(a)anthracene
Concen: 0.229 ng/u1
RT: 21.003 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

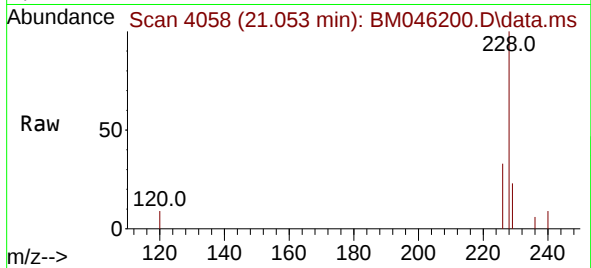
Tgt Ion:228 Resp: 5672
Ion Ratio Lower Upper
228 100
229 23.8 16.4 24.6
226 32.6 23.4 35.2





#22
Chrysene
Concen: 0.174 ng/ul
RT: 21.053 min Scan# 4065
Delta R.T. -0.023 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

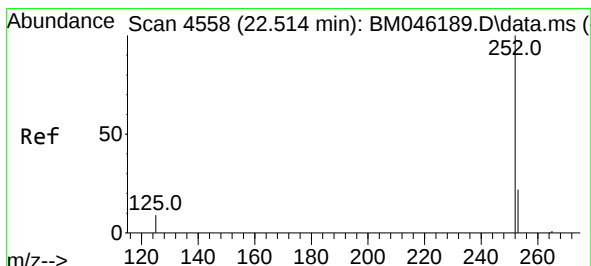
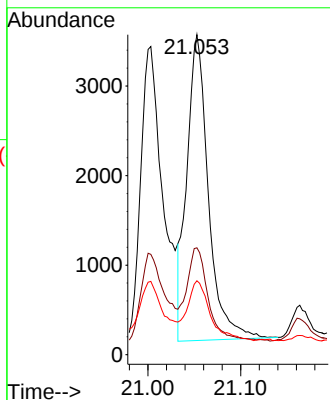
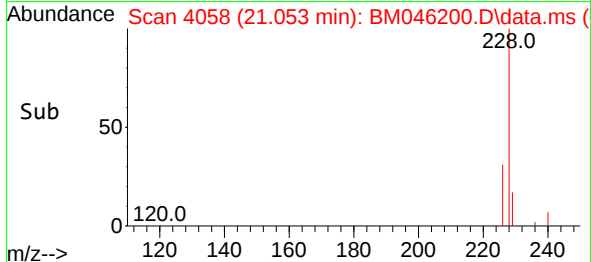
Instrument :
BNA_M
ClientSampleId :
A4C86



Tgt Ion:228 Resp: 5490
Ion Ratio Lower Upper
228 100
226 33.4 25.2 37.8
229 23.1 16.3 24.5

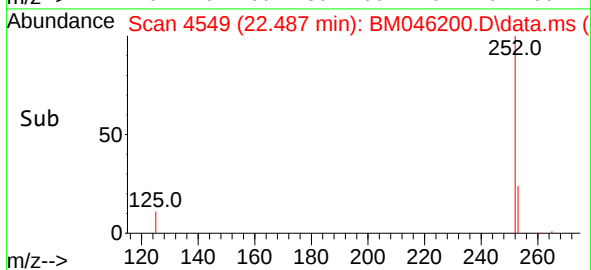
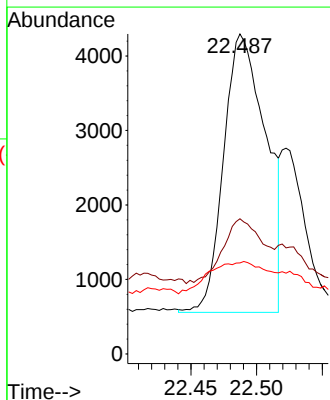
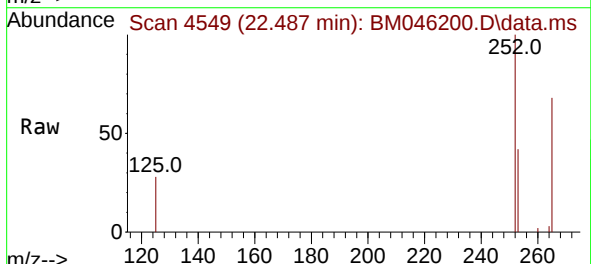
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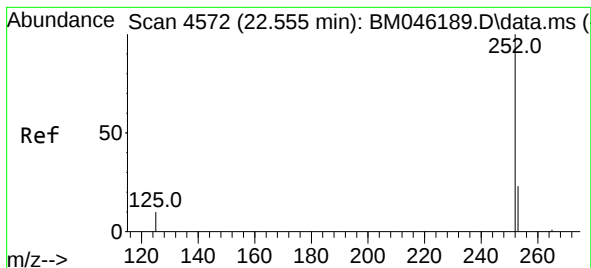
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046200.D
Acq: 22 Jun 2024 16:28

Tgt Ion:252 Resp: 8360
Ion Ratio Lower Upper
252 100
253 42.3 0.0 65.8
125 28.5 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.098 ng/ul m

RT: 22.522 min Scan# 4

Delta R.T. -0.041 min

Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

Instrument :

BNA_M

ClientSampleId :

A4C86

Tgt Ion:252 Resp: 2890

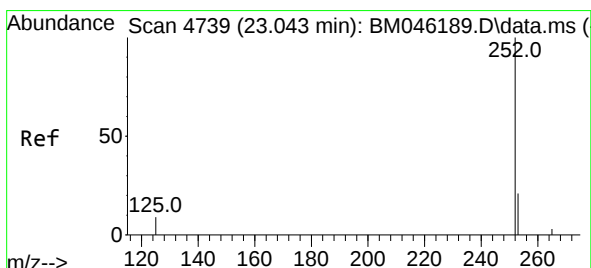
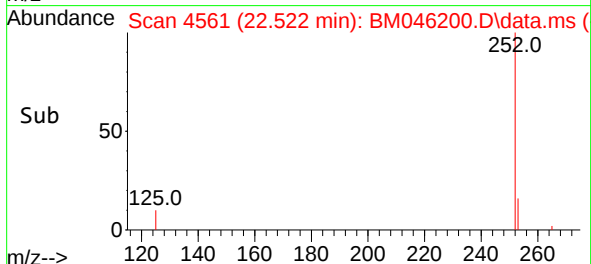
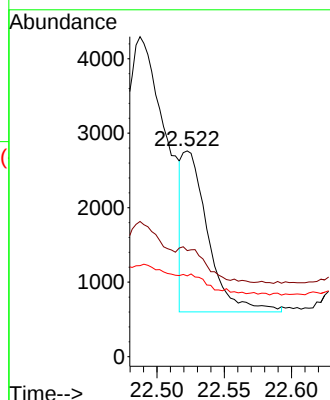
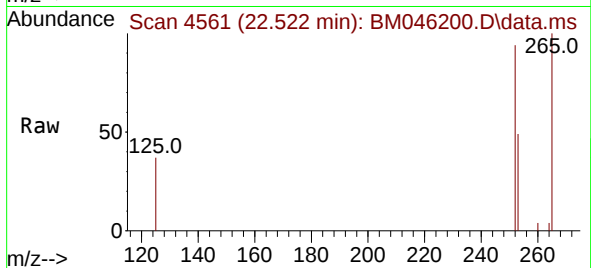
Ion	Ratio	Lower	Upper
252	100		
253	51.5	27.2	40.8
125	39.3	16.6	25.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/24/2024



#26

Benzo(a)pyrene

Concen: 0.237 ng/ul

RT: 23.008 min Scan# 4727

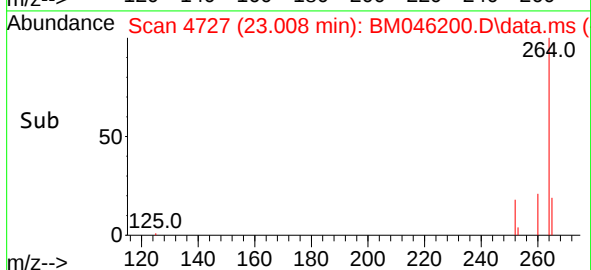
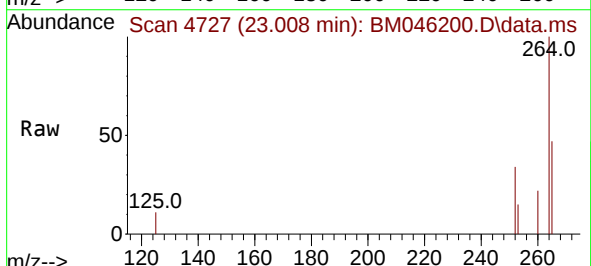
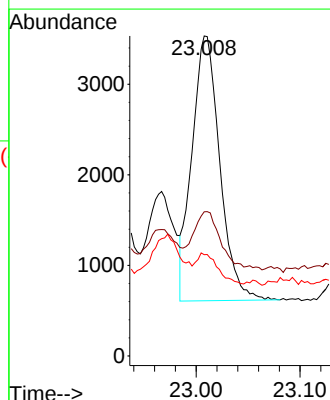
Delta R.T. -0.047 min

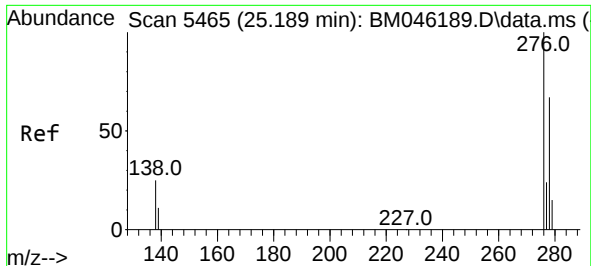
Lab File: BM046200.D

Acq: 22 Jun 2024 16:28

Tgt Ion:252 Resp: 5439

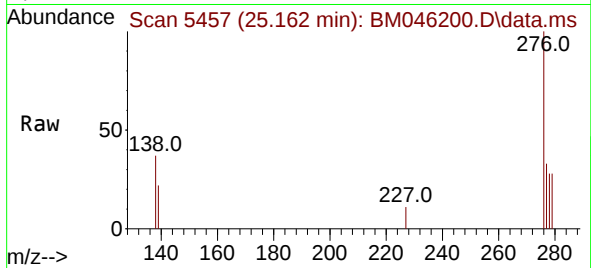
Ion	Ratio	Lower	Upper
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253	45.0	32.1	48.1
125	31.7	21.2	31.8





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.113 ng/ul
 RT: 25.162 min Scan# 5457
 Delta R.T. -0.040 min
 Lab File: BM046200.D
 Acq: 22 Jun 2024 16:28

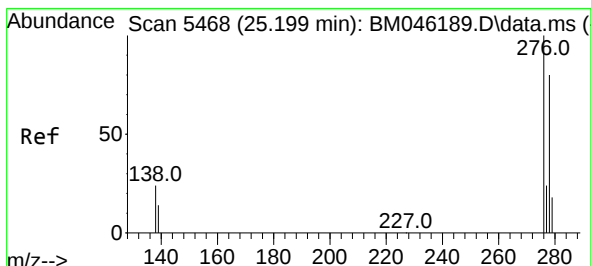
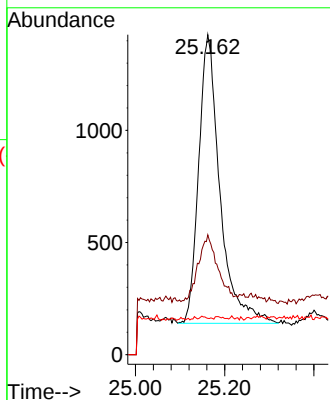
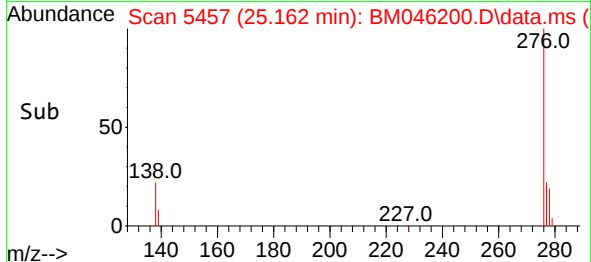
Instrument :
 BNA_M
 ClientSampleId :
 A4C86



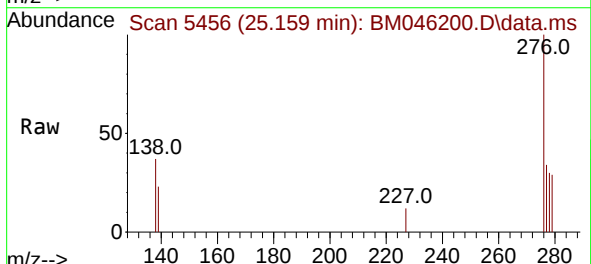
Tgt Ion:276 Resp: 425
 Ion Ratio Lower Upper
 276 100
 138 22.1 21.0 31.4
 227 0.3 0.0 0.0

Manual Integrations
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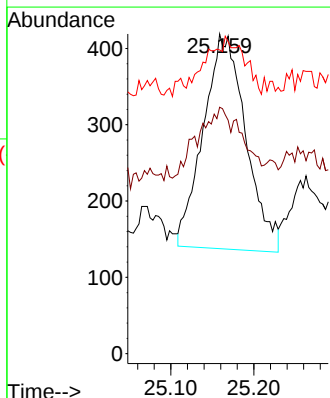
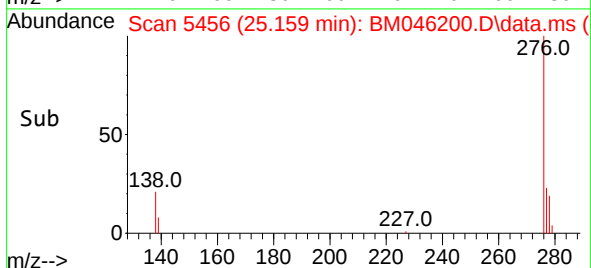
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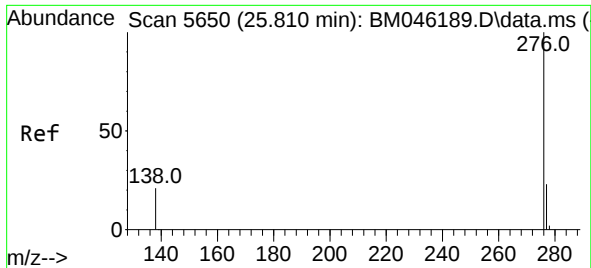


#28
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng/ul
 RT: 25.159 min Scan# 5456
 Delta R.T. -0.057 min
 Lab File: BM046200.D
 Acq: 22 Jun 2024 16:28



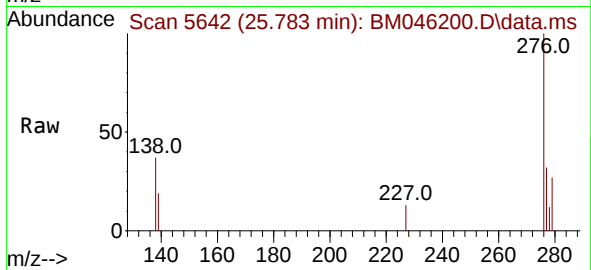
Tgt Ion:278 Resp: 999
 Ion Ratio Lower Upper
 278 100
 139 77.1 17.6 26.4#
 279 95.0 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.134 ng/ul
 RT: 25.783 min Scan# 5642
 Delta R.T. -0.047 min
 Lab File: BM046200.D
 Acq: 22 Jun 2024 16:28

Instrument :
 BNA_M
 ClientSampleId :
 A4C86



Tgt Ion: 276 Resp: 432

Ion	Ratio	Lower	Upper
276	100		
138	36.8	21.7	32.5
277	32.3	20.4	30.6

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