

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045586.D
 Acq On : 26 Apr 2024 11:06
 Operator : MA/JU
 Sample : P2037-23DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 11:43:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1114	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	3114	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1690	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.959	188	3216m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	2545	0.400	ng/ul	#-0.01
23) Perylene-d12	23.373	264	4025m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	1126	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	296	0.072	ng/ul	-0.02
18) Fluoranthene-d10	19.001	212	683	0.085	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	568	0.068	ng/ul#	70
7) 2-Methylnaphthalene	11.991	142	398	0.083	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	454	0.085	ng/ul	99
10) Acenaphthylene	13.904	152	545	0.065	ng/ul#	1
15) Phenanthrene	17.001	178	4866m	0.520	ng/ul	
19) Fluoranthene	19.033	202	7014	0.597	ng/ul	99
20) Pyrene	19.396	202	8447	0.700	ng/ul#	93
21) Benzo(a)anthracene	21.164	228	2235	0.275	ng/ul#	49
22) Chrysene	21.216	228	4029	0.322	ng/ul#	59
24) Benzo(b)fluoranthene	22.721	252	5864	0.433	ng/ul#	1
25) Benzo(k)fluoranthene	22.759	252	2335m	0.136	ng/ul	
26) Benzo(a)pyrene	23.277	252	2422	0.172	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.561	276	2643	0.129	ng/ul#	51
29) Benzo(g,h,i)perylene	26.235	276	2607	0.142	ng/ul#	1

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

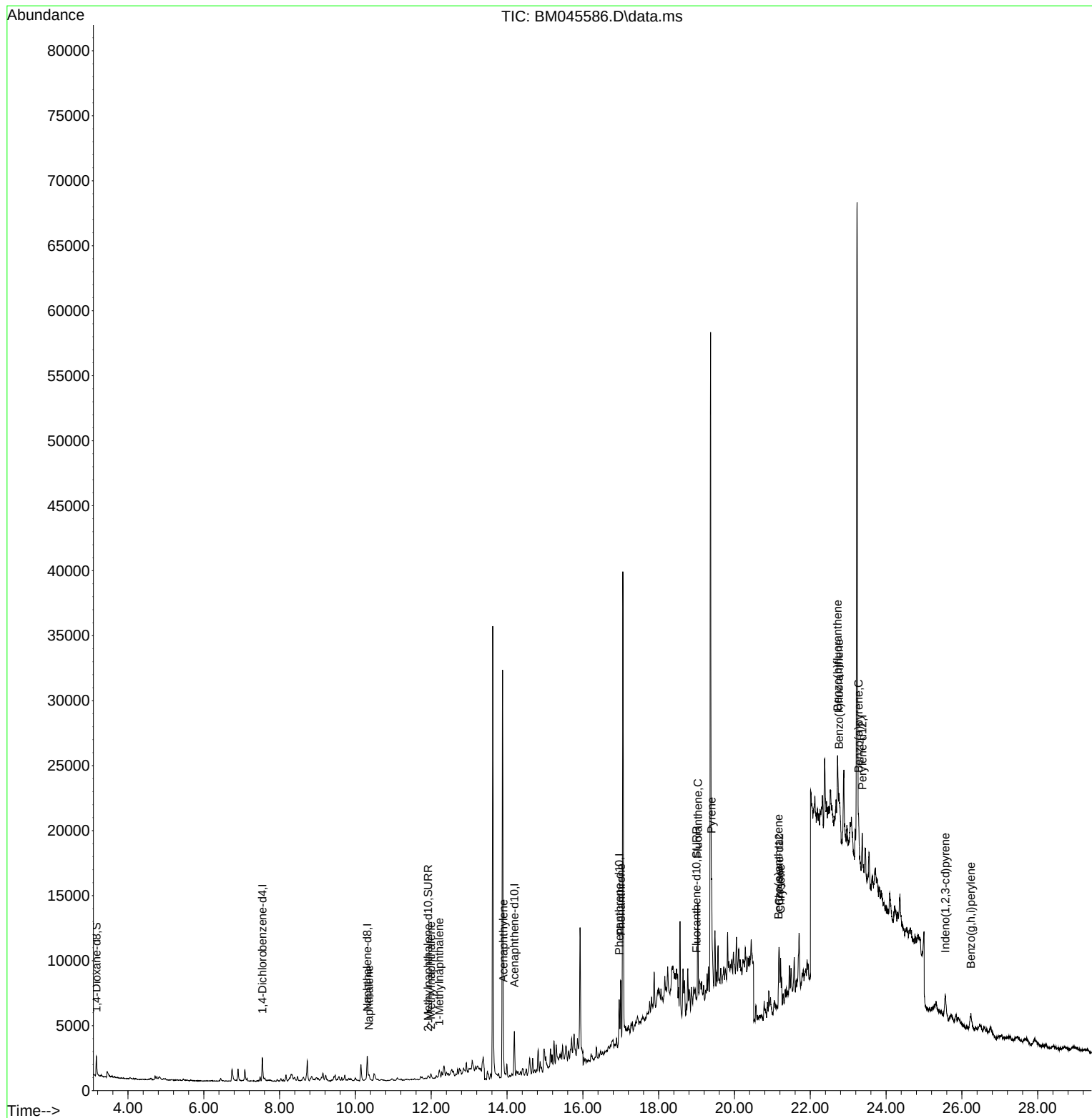
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045586.D
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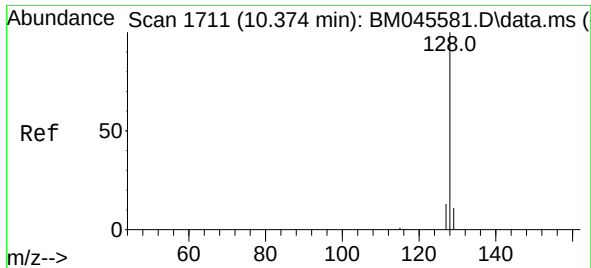
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Quant Time: Apr 26 11:43:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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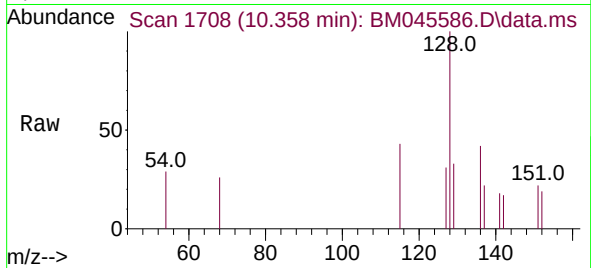
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.358 min Scan# 11
Delta R.T. -0.022 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

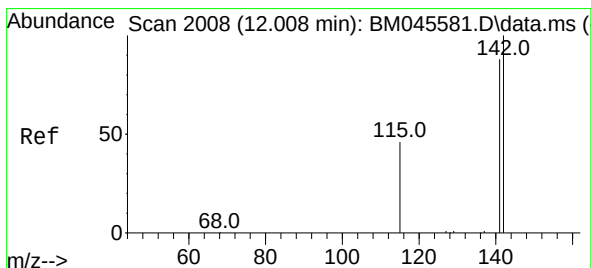
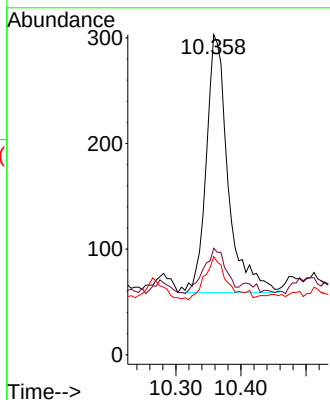
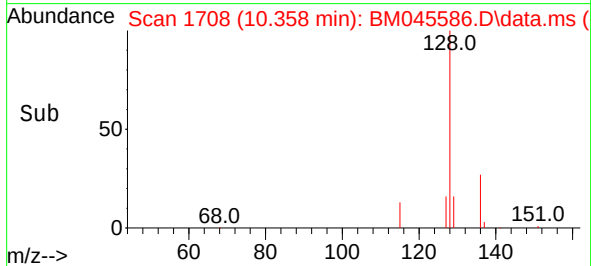
Instrument :
BNA_M
ClientSampleId :
E1CX8DL



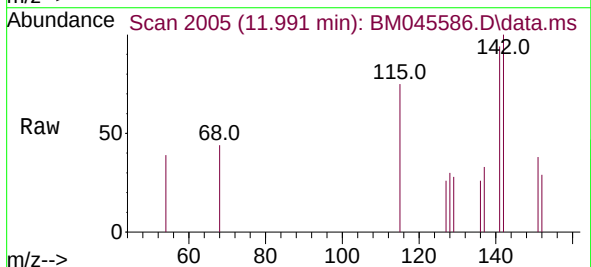
Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
129 33.3 14.0 21.0
127 30.7 15.4 23.2

Manual Integrations
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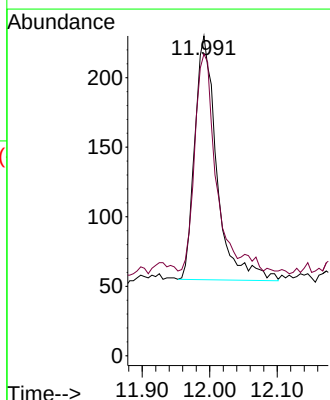
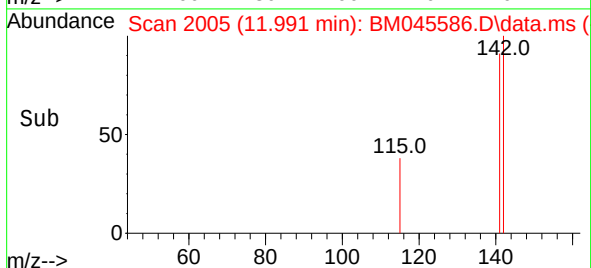
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

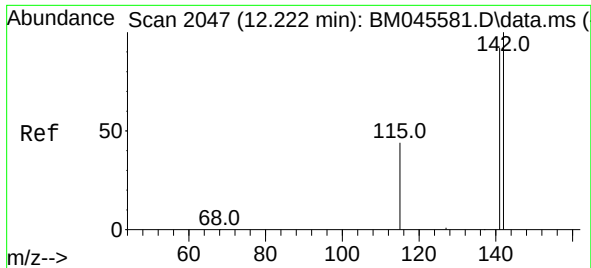


#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06



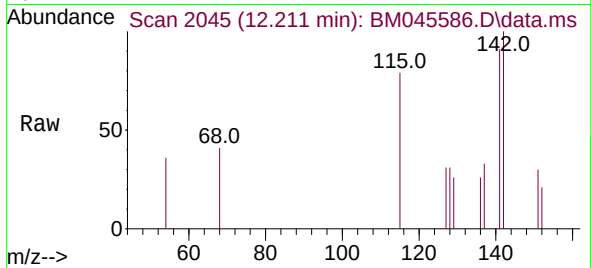
Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

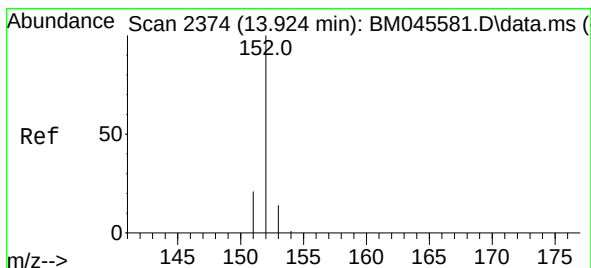
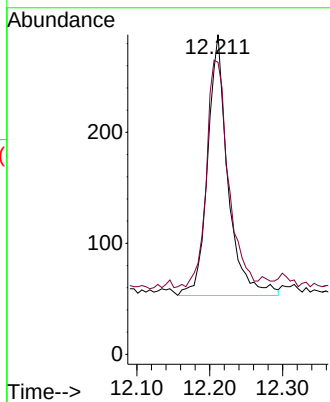
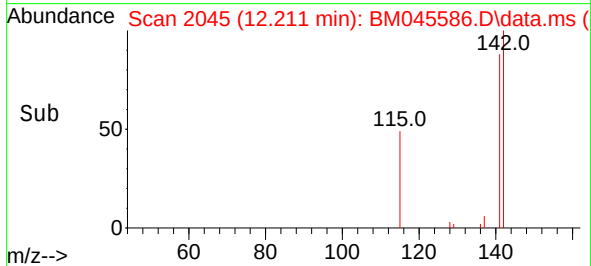
Instrument :
BNA_M
ClientSampleId :
E1CX8DL



Tgt Ion:142 Resp: 454
Ion Ratio Lower Upper
142 100
141 94.3 76.1 114.1

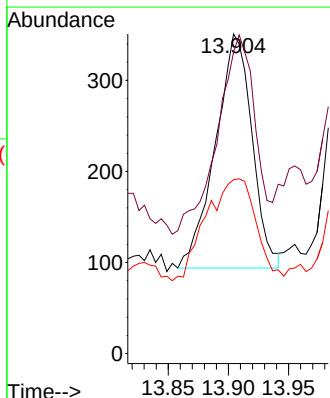
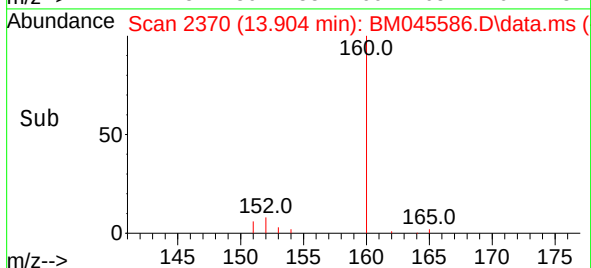
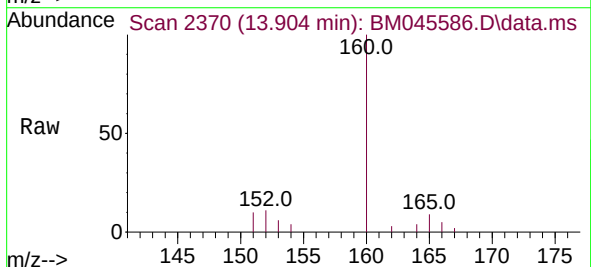
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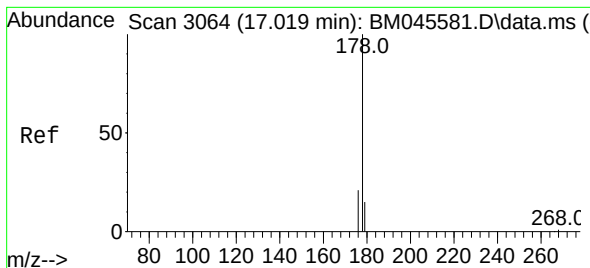
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.904 min Scan# 2370
Delta R.T. -0.023 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

Tgt Ion:152 Resp: 545
Ion Ratio Lower Upper
152 100
151 94.3 18.6 28.0#
153 54.4 14.1 21.1#





#15

Phenanthrene

Concen: 0.520 ng/ul m

RT: 17.001 min Scan# 3060

Delta R.T. -0.021 min

Lab File: BM045586.D

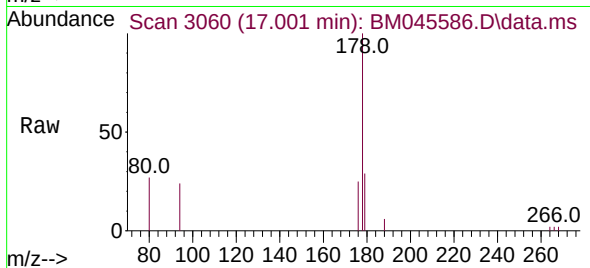
Acq: 26 Apr 2024 11:06

Instrument :

BNA_M

ClientSampleId :

E1CX8DL



Tgt Ion:178 Resp: 4860

Ion Ratio Lower Upper

178 100

179 29.3 15.4 23.2

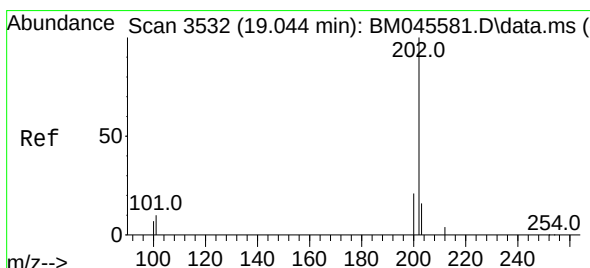
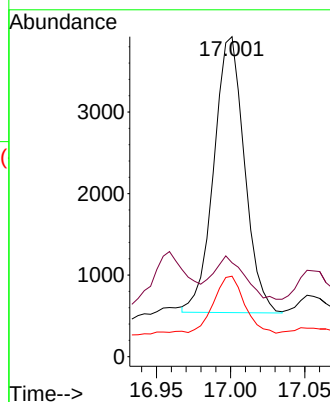
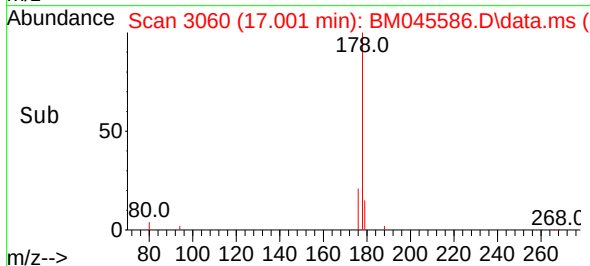
176 25.2 19.0 28.4

Manual Integrations

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Supervised By :mohammad ahmed 04/27/2024



#19

Fluoranthene

Concen: 0.597 ng/ul

RT: 19.033 min Scan# 3530

Delta R.T. -0.014 min

Lab File: BM045586.D

Acq: 26 Apr 2024 11:06

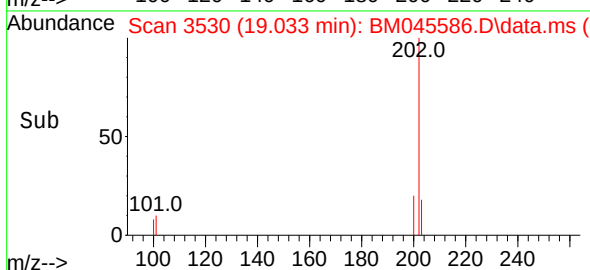
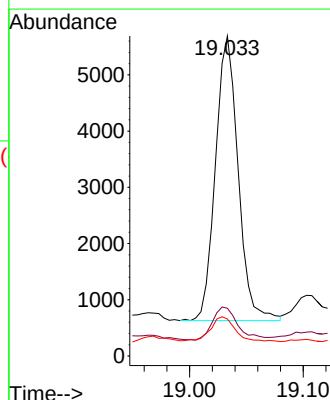
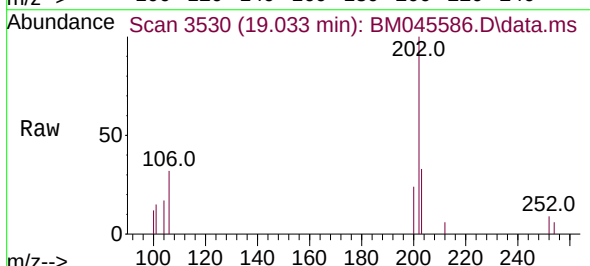
Tgt Ion:202 Resp: 7014

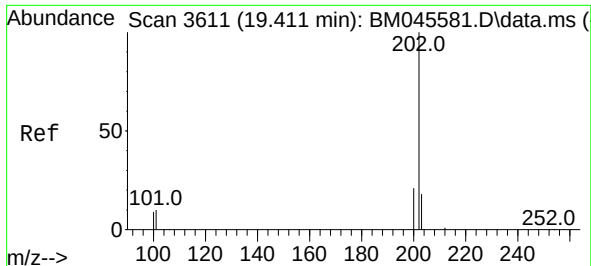
Ion Ratio Lower Upper

202 100

101 14.9 11.2 16.8

100 11.6 9.1 13.7





#20

Pyrene

Concen: 0.700 ng/ul

RT: 19.396 min Scan# 3608

Delta R.T. -0.019 min

Lab File: BM045586.D

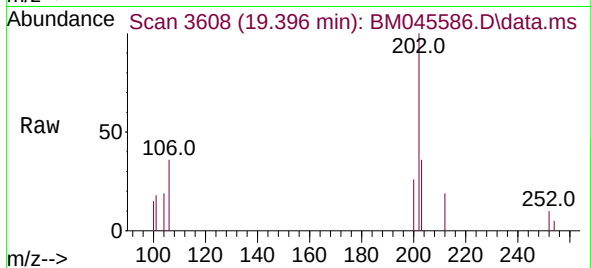
Acq: 26 Apr 2024 11:06

Instrument :

BNA_M

ClientSampleId :

E1CX8DL



Tgt Ion:202 Resp: 844

Ion Ratio Lower Upper

202 100

101 17.6 11.5 17.3

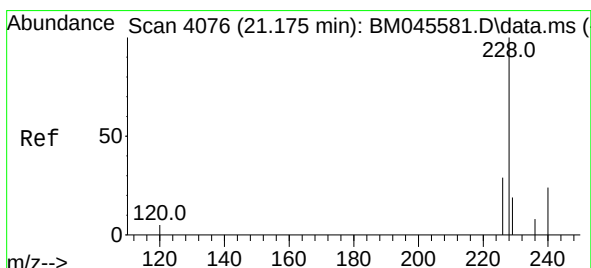
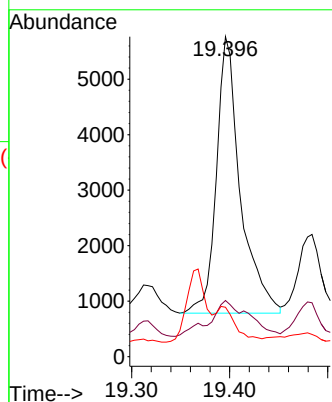
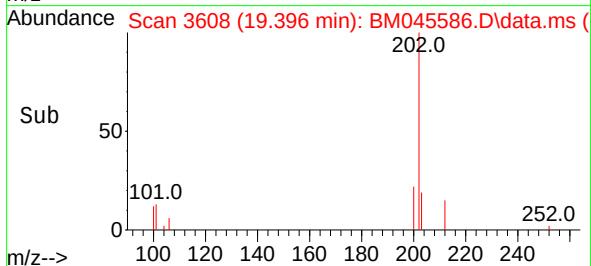
100 15.5 10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#21

Benzo(a)anthracene

Concen: 0.275 ng/ul

RT: 21.164 min Scan# 4072

Delta R.T. -0.018 min

Lab File: BM045586.D

Acq: 26 Apr 2024 11:06

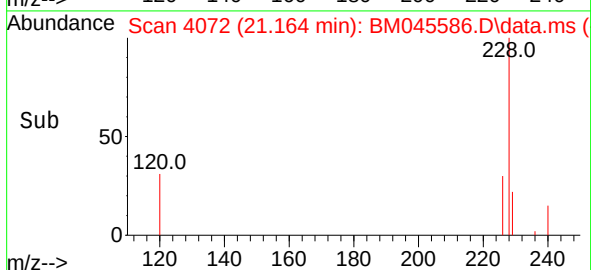
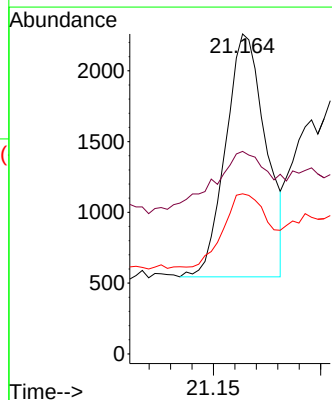
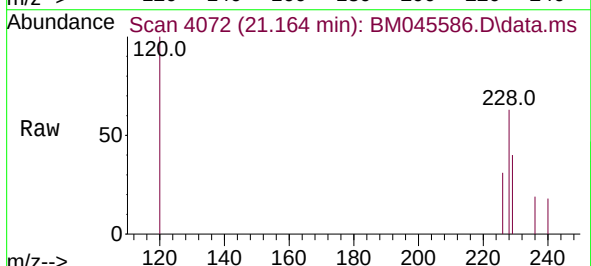
Tgt Ion:228 Resp: 2235

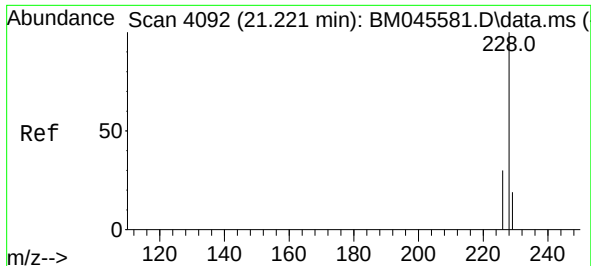
Ion Ratio Lower Upper

228 100

229 63.3 19.4 29.2

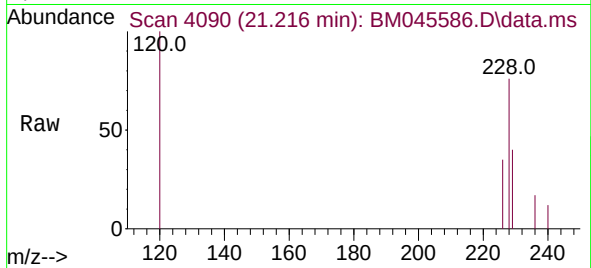
226 50.0 26.3 39.5





#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.216 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

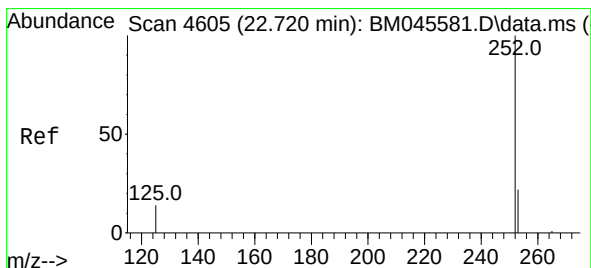
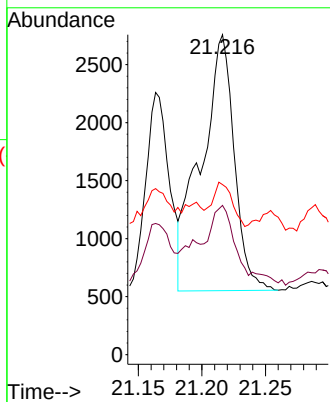
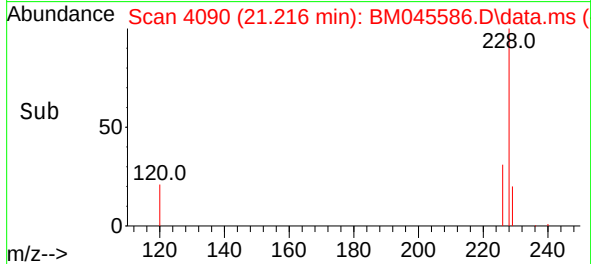
Instrument :
BNA_M
ClientSampleId :
E1CX8DL



Tgt Ion:228 Resp: 4029
Ion Ratio Lower Upper
228 100
226 46.6 26.3 39.5
229 53.2 17.8 26.8

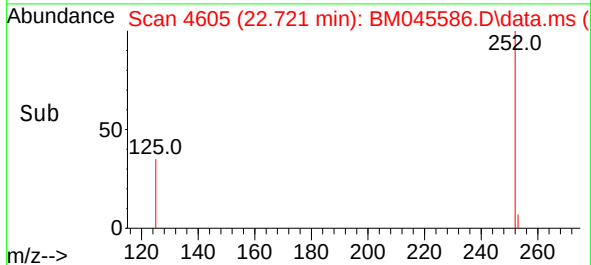
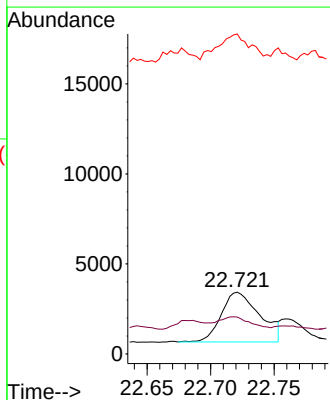
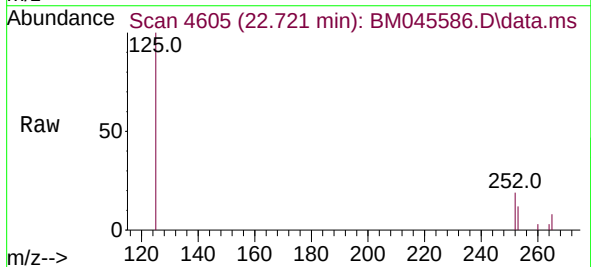
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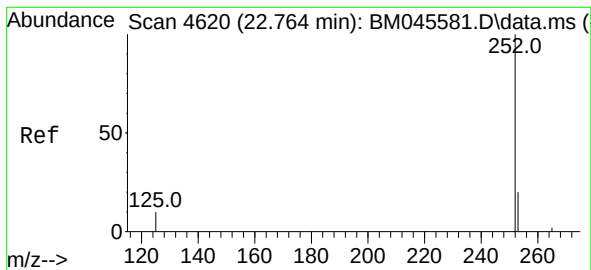
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.433 ng/ul
RT: 22.721 min Scan# 4605
Delta R.T. -0.009 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

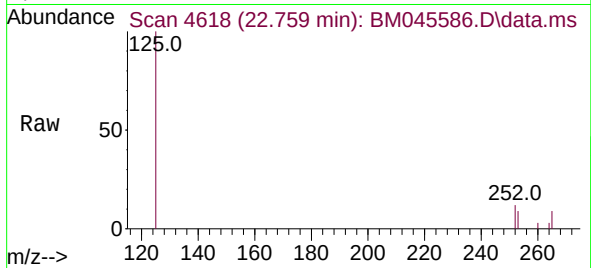
Tgt Ion:252 Resp: 5864
Ion Ratio Lower Upper
252 100
253 59.9 0.0 63.4
125 518.6 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

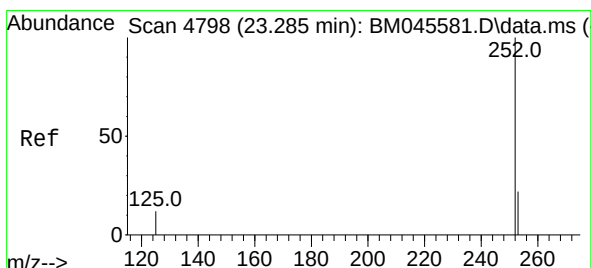
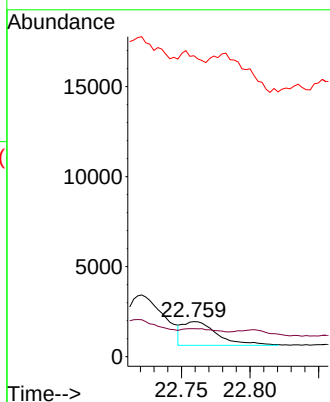
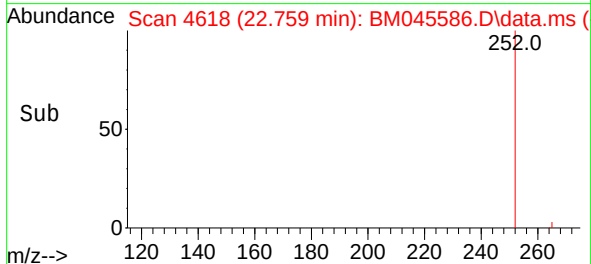
Instrument :
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E1CX8DL



Tgt Ion:252 Resp: 2335
Ion Ratio Lower Upper
252 100
253 79.7 25.4 38.0#
125 857.0 14.8 22.2#

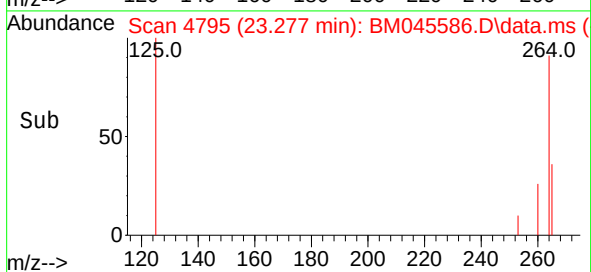
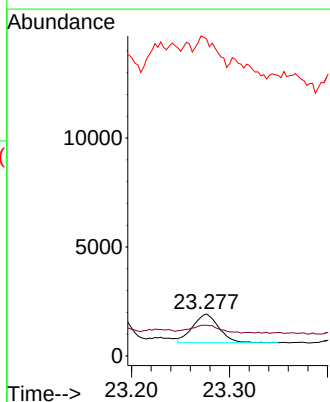
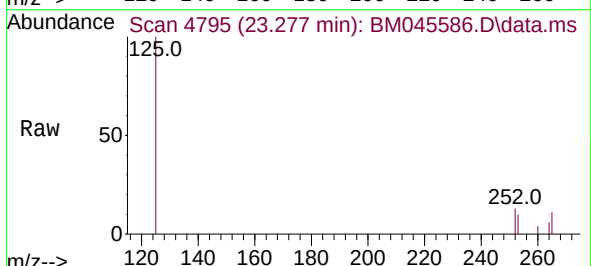
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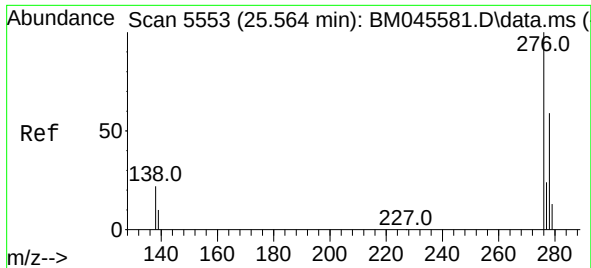
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
Benzo(a)pyrene
Concen: 0.172 ng/ul
RT: 23.277 min Scan# 4795
Delta R.T. -0.015 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

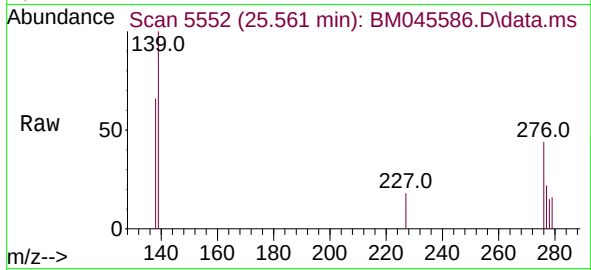
Tgt Ion:252 Resp: 2422
Ion Ratio Lower Upper
252 100
253 73.4 31.6 47.4#
125 757.8 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/ul
RT: 25.561 min Scan# 5553
Delta R.T. -0.010 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06

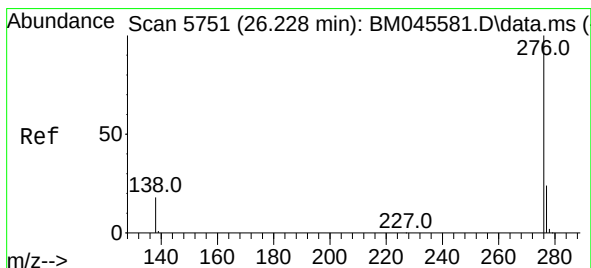
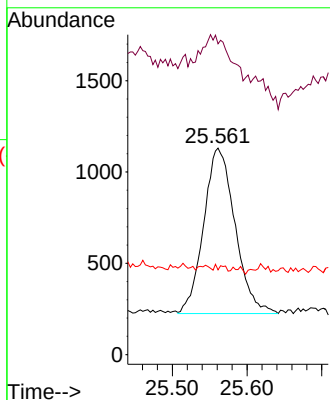
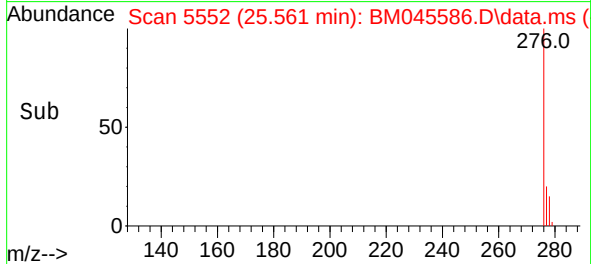
Instrument :
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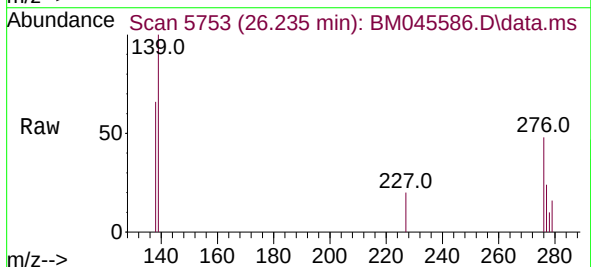
Tgt Ion:276 Resp: 264
Ion Ratio Lower Upper
276 100
138 0.0 19.8 29.6#
227 0.3 0.2 0.2#

Manual Integrations
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Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.142 ng/ul
RT: 26.235 min Scan# 5753
Delta R.T. -0.000 min
Lab File: BM045586.D
Acq: 26 Apr 2024 11:06



Tgt Ion:276 Resp: 2607
Ion Ratio Lower Upper
276 100
138 137.8 20.8 31.2#
277 49.7 21.8 32.8#

