

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045491.D
 Acq On : 22 Apr 2024 22:25
 Operator : MA/JU
 Sample : P2037-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:31:05 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 : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	814	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136	2607	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.205	164	1624	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.971	188	3120m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.196	240	2163	0.400	ng/ul	-0.02
23) Perylene-d12	23.388	264	2211m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	2580	2.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	657	0.191	ng/ul	-0.04
18) Fluoranthene-d10	19.015	212	1372	0.201	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.374	128	568	0.081	ng/ul#	84
7) 2-Methylnaphthalene	12.008	142	167	0.042	ng/ul	98
12) Fluorene	15.274	166	178	0.028	ng/ul#	86
15) Phenanthrene	17.009	178	3029	0.333	ng/ul	96
16) Anthracene	17.106	178	539m	0.063	ng/ul	
19) Fluoranthene	19.043	202	4633	0.464	ng/ul	95
20) Pyrene	19.405	202	3714m	0.362	ng/ul	
21) Benzo(a)anthracene	21.187	228	1835	0.265	ng/ul	93
22) Chrysene	21.234	228	2449m	0.230	ng/ul	
24) Benzo(b)fluoranthene	22.727	252	3626m	0.488	ng/ul	
25) Benzo(k)fluoranthene	22.768	252	1285m	0.137	ng/ul	
26) Benzo(a)pyrene	23.277	252	1767	0.229	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.605	276	1912	0.171	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.618	278	553	0.062	ng/ul#	26
29) Benzo(g,h,i)perylene	26.266	276	1838	0.182	ng/ul	94

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

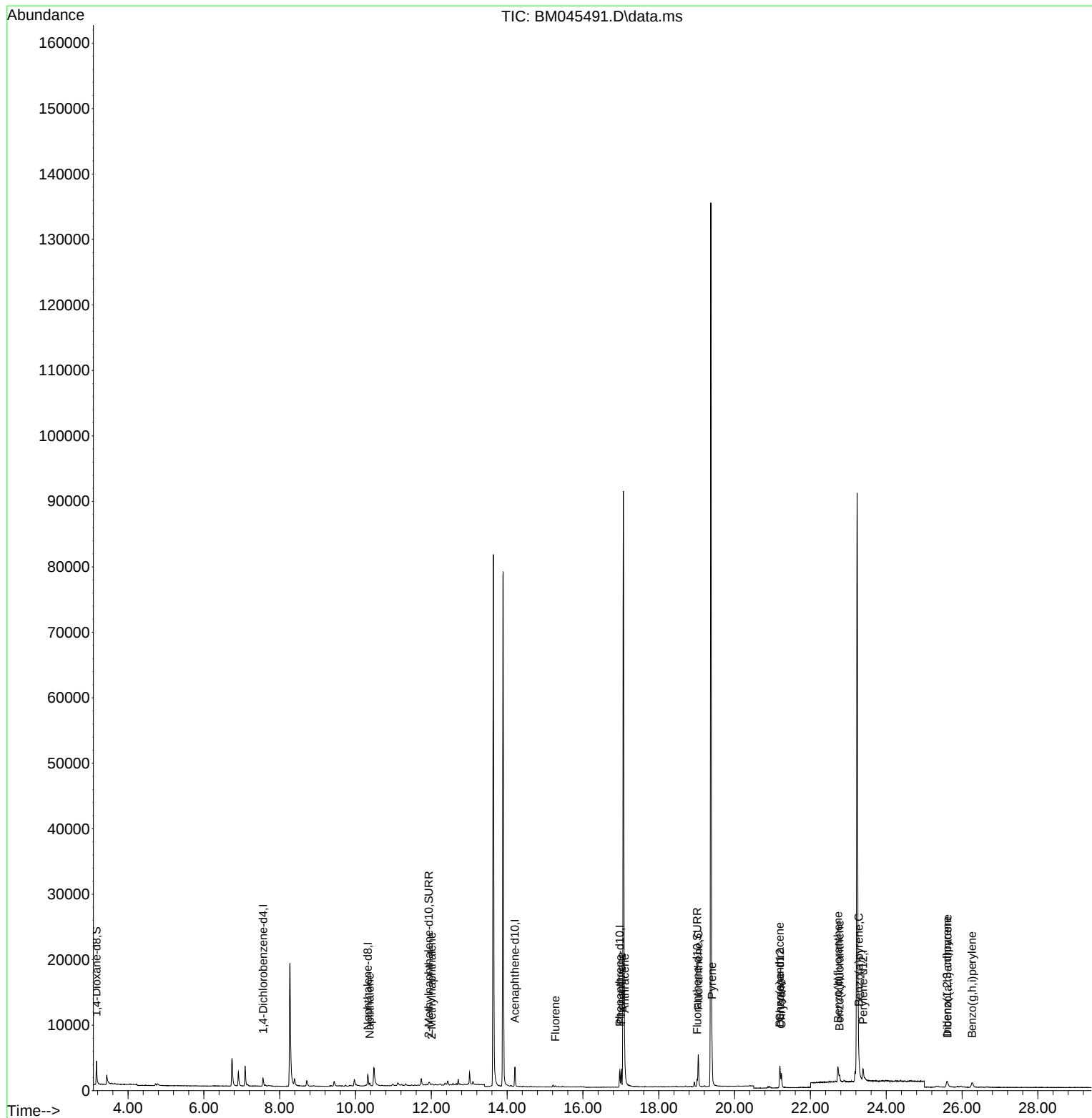
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
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Sample : P2037-01
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ALS Vial : 21 Sample Multiplier: 1

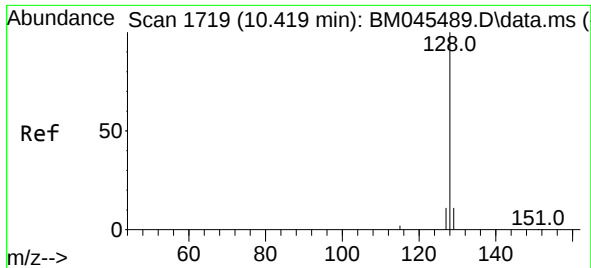
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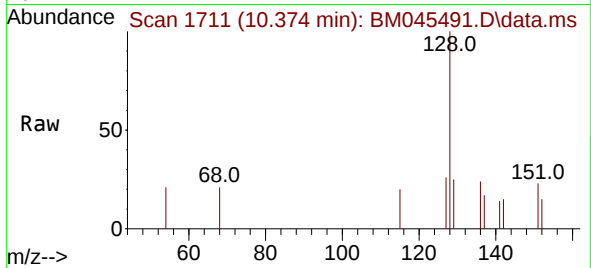
Quant Time: Apr 23 08:31:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
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#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.374 min Scan# 1719
Delta R.T. -0.044 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

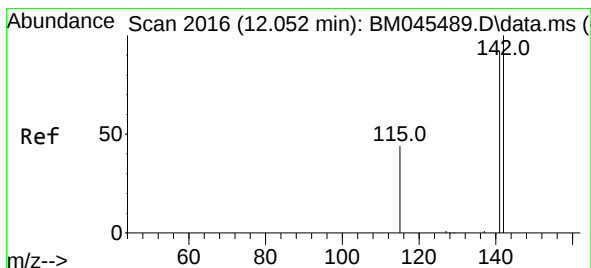
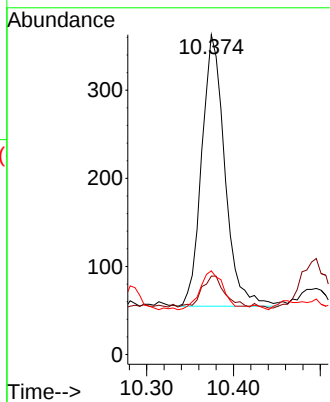
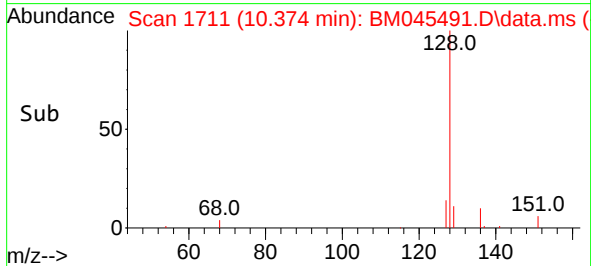
Instrument :
BNA_M
ClientSampleId :
E1CY0



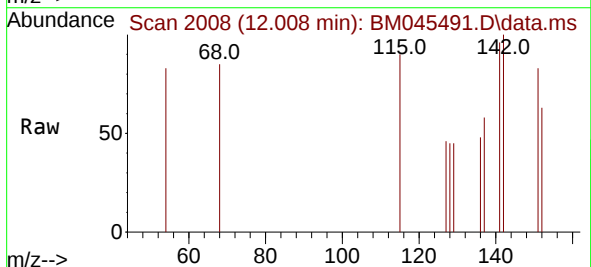
Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
129 24.5 14.0 21.0
127 26.2 15.4 23.2

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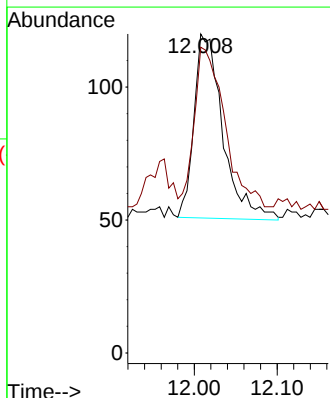
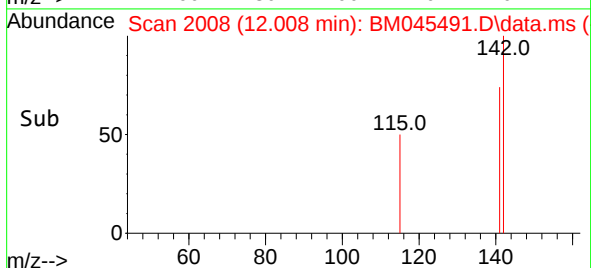
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

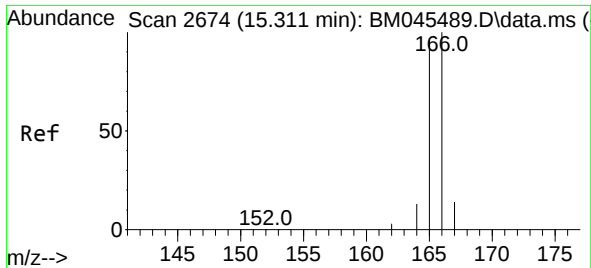


#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. -0.044 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25



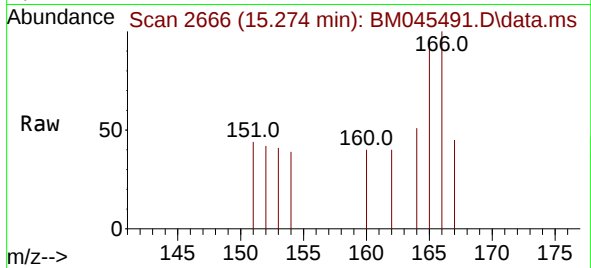
Tgt Ion:142 Resp: 167
Ion Ratio Lower Upper
142 100
141 91.0 74.6 111.8





#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.274 min Scan# 2066
Delta R.T. -0.037 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

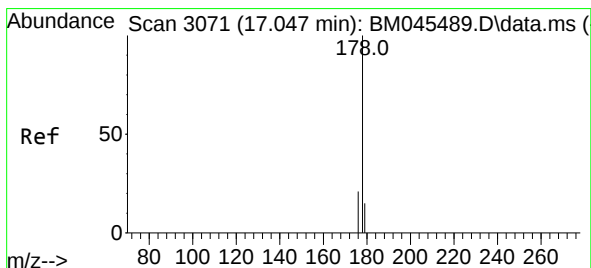
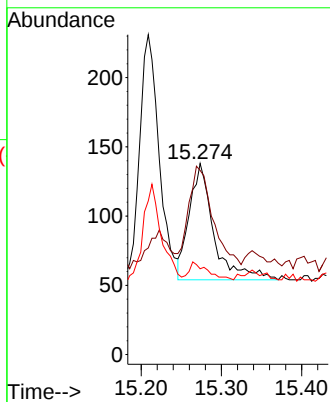
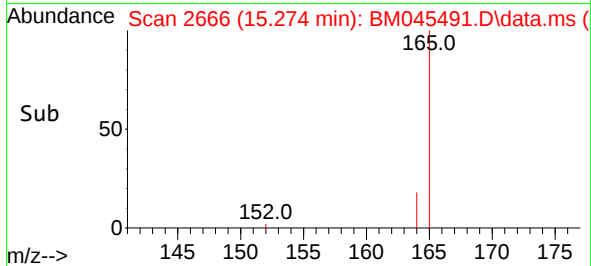
Instrument :
BNA_M
ClientSampleId :
E1CY0



Tgt Ion:166 Resp: 178
Ion Ratio Lower Upper
166 100
165 96.4 82.2 123.2
167 44.9 14.8 22.2

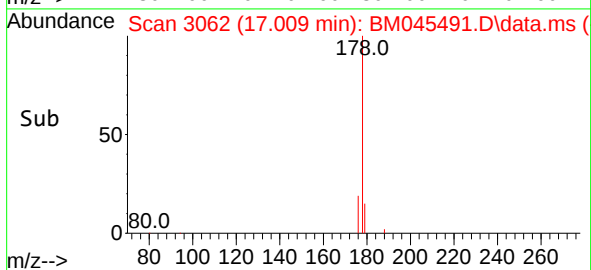
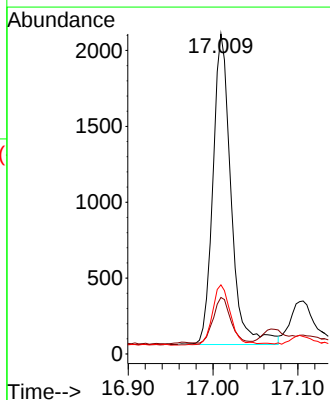
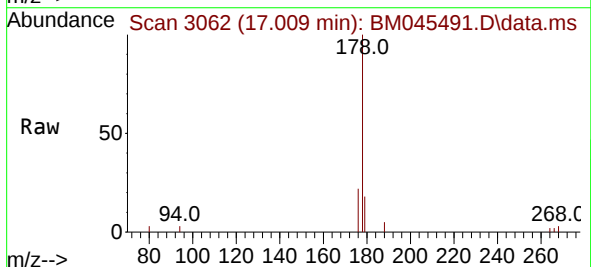
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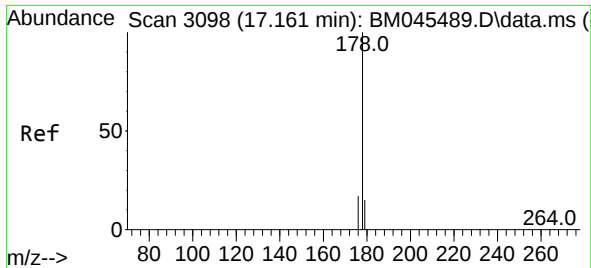
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#15
Phenanthrene
Concen: 0.333 ng/u1
RT: 17.009 min Scan# 3062
Delta R.T. -0.038 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

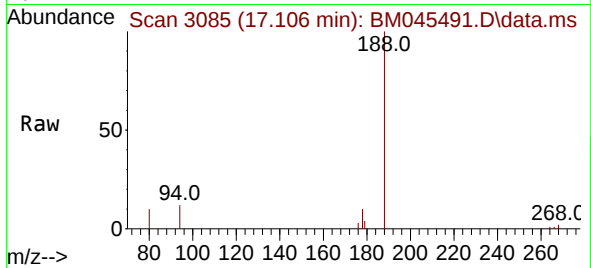
Tgt Ion:178 Resp: 3029
Ion Ratio Lower Upper
178 100
179 17.6 15.4 23.2
176 21.6 19.0 28.4





#16
 Anthracene
 Concen: 0.063 ng/ul m
 RT: 17.106 min Scan# 3098
 Delta R.T. -0.055 min
 Lab File: BM045491.D
 Acq: 22 Apr 2024 22:25

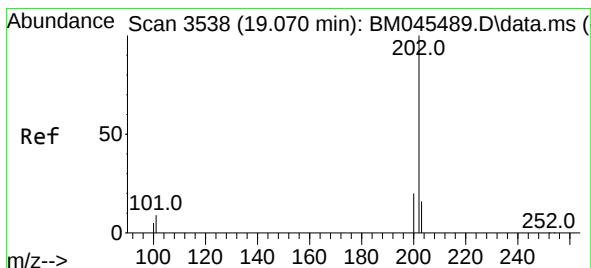
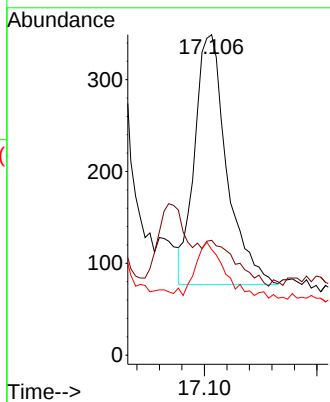
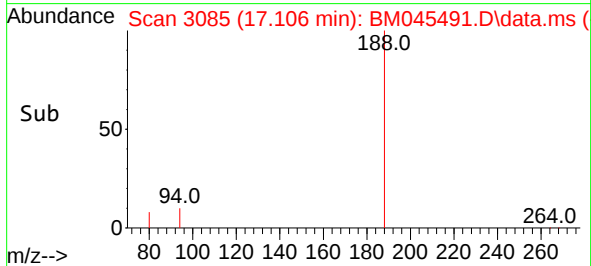
Instrument :
 BNA_M
 ClientSampleId :
 E1CY0



Tgt Ion:178 Resp: 539
 Ion Ratio Lower Upper
 178 100
 179 35.8 17.8 26.6
 176 33.0 18.7 28.1

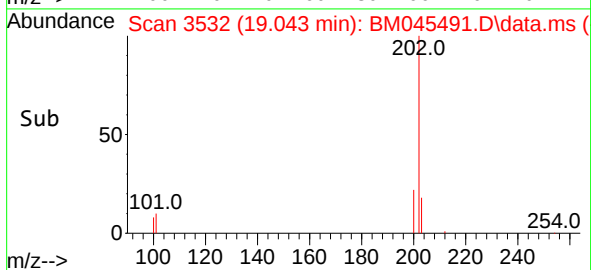
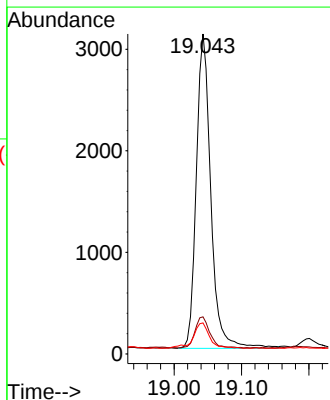
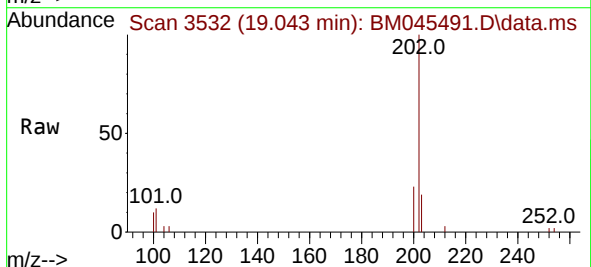
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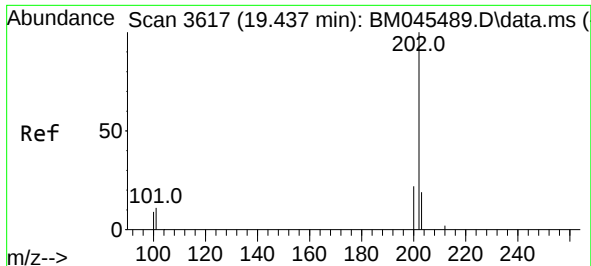
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



#19
 Fluoranthene
 Concen: 0.464 ng/ul
 RT: 19.043 min Scan# 3532
 Delta R.T. -0.028 min
 Lab File: BM045491.D
 Acq: 22 Apr 2024 22:25

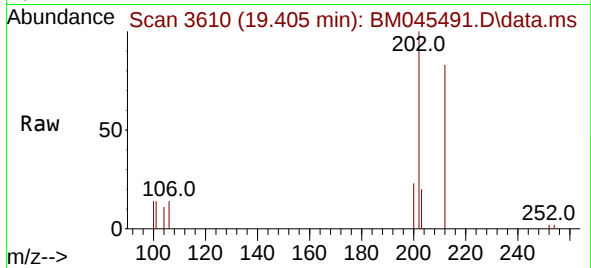
Tgt Ion:202 Resp: 4633
 Ion Ratio Lower Upper
 202 100
 101 11.6 11.2 16.8
 100 9.7 9.1 13.7





#20
Pyrene
Concen: 0.362 ng/ul m
RT: 19.405 min Scan# 3
Delta R.T. -0.032 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

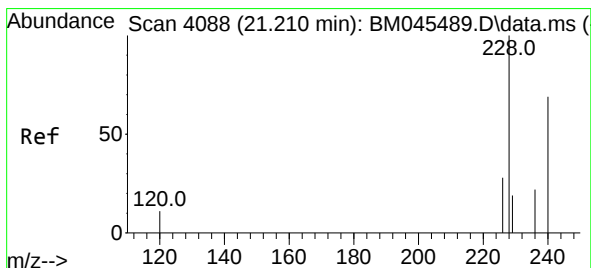
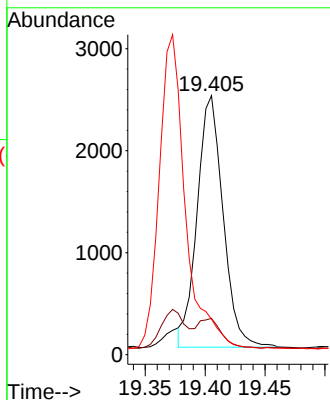
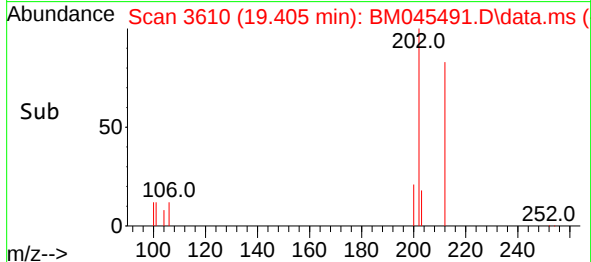
Instrument :
BNA_M
ClientSampleId :
E1CY0



Tgt Ion:202 Resp: 3714
Ion Ratio Lower Upper
202 100
101 14.1 11.5 17.3
100 13.7 10.6 15.8

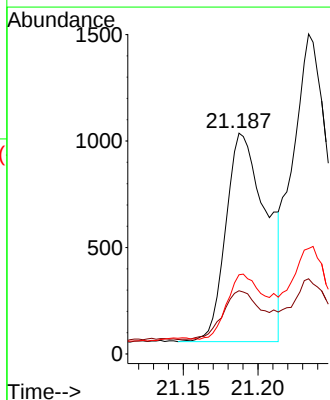
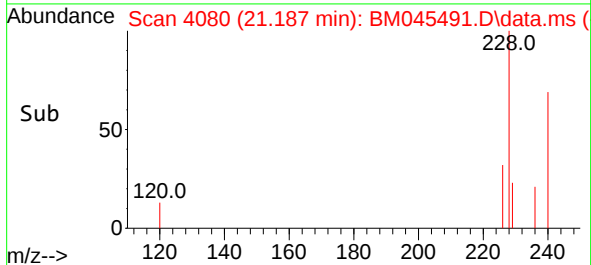
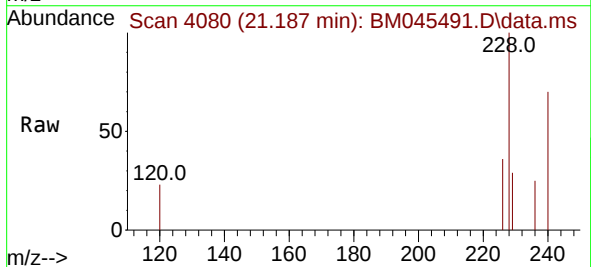
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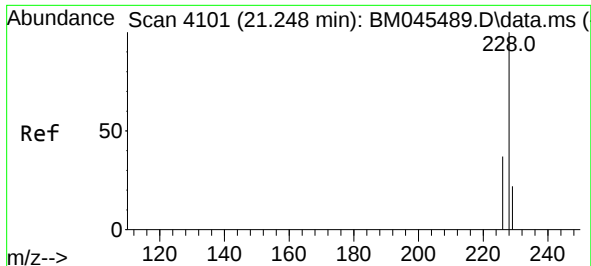
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#21
Benzo(a)anthracene
Concen: 0.265 ng/ul
RT: 21.187 min Scan# 4080
Delta R.T. -0.023 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

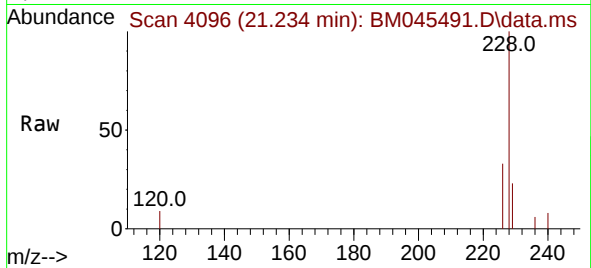
Tgt Ion:228 Resp: 1835
Ion Ratio Lower Upper
228 100
229 28.6 19.4 29.2
226 35.9 26.3 39.5





#22
Chrysene
Concen: 0.230 ng/ul m
RT: 21.234 min Scan# 4096
Delta R.T. -0.014 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

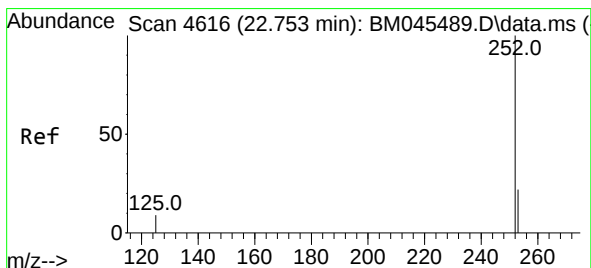
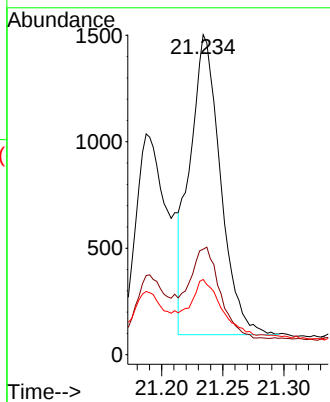
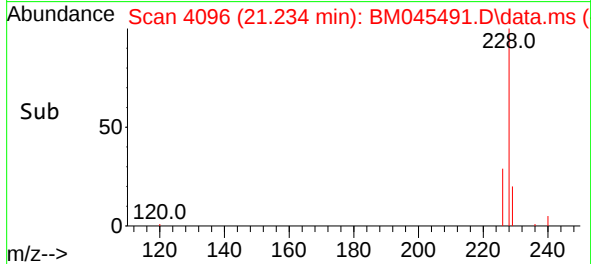
Instrument :
BNA_M
ClientSampleId :
E1CY0



Tgt Ion:228 Resp: 2449
Ion Ratio Lower Upper
228 100
226 32.9 26.3 39.5
229 23.5 17.8 26.8

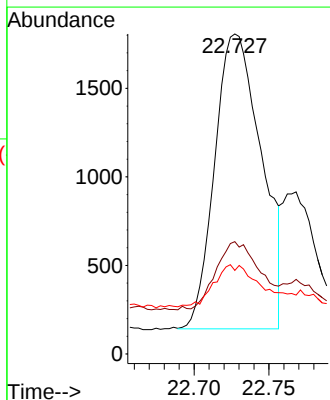
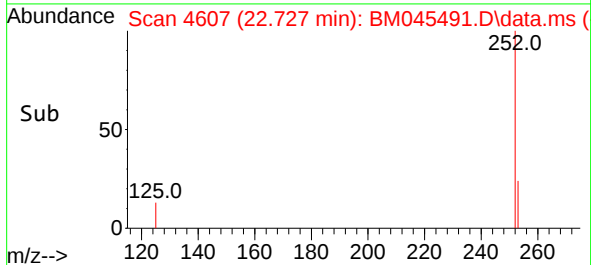
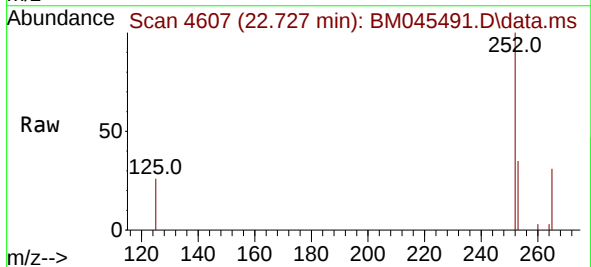
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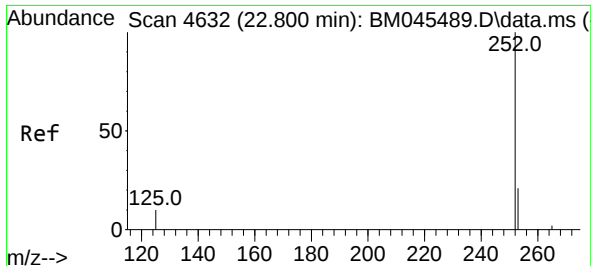
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.488 ng/ul m
RT: 22.727 min Scan# 4607
Delta R.T. -0.026 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

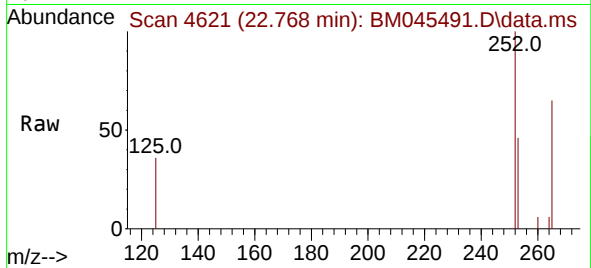
Tgt Ion:252 Resp: 3626
Ion Ratio Lower Upper
252 100
253 35.1 0.0 63.4
125 26.1 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 22.768 min Scan# 4621
Delta R.T. -0.032 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

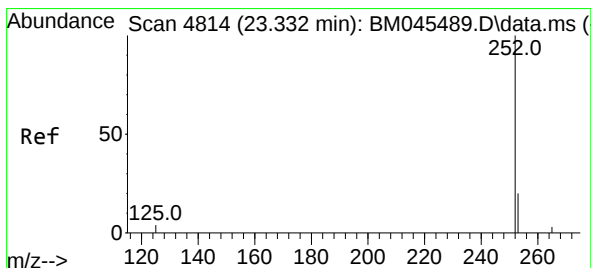
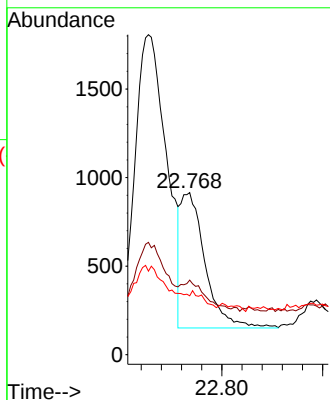
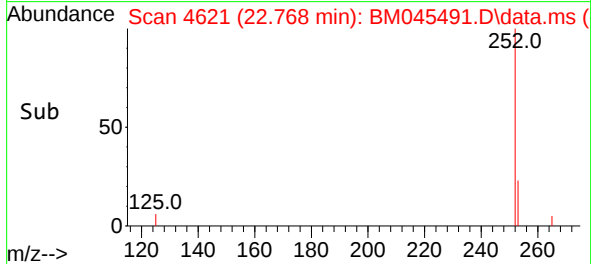
Instrument :
BNA_M
ClientSampleId :
E1CY0



Tgt Ion:252 Resp: 1285
Ion Ratio Lower Upper
252 100
253 46.0 25.4 38.0
125 36.4 14.8 22.2

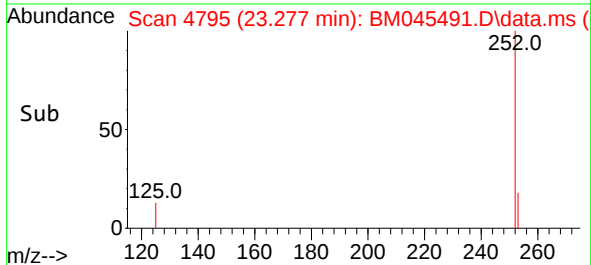
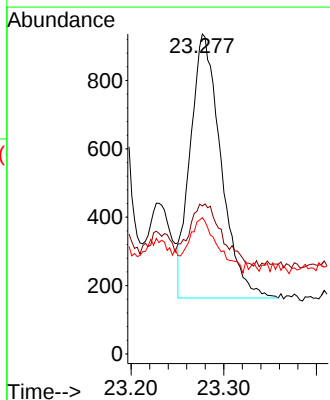
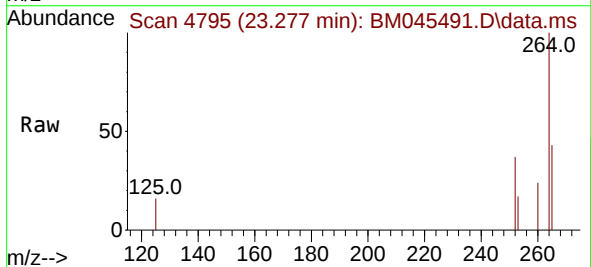
Manual Integrations
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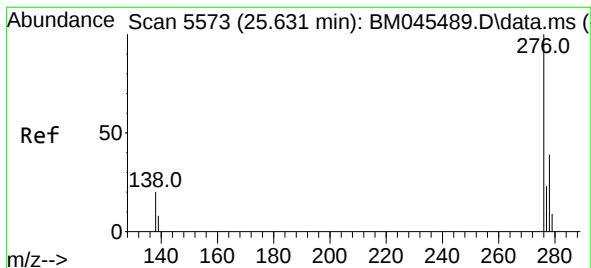
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#26
Benzo(a)pyrene
Concen: 0.229 ng/ul
RT: 23.277 min Scan# 4795
Delta R.T. -0.055 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Tgt Ion:252 Resp: 1767
Ion Ratio Lower Upper
252 100
253 46.3 31.6 47.4
125 42.6 19.5 29.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.171 ng/ul

RT: 25.605 min Scan# 5565

Delta R.T. -0.026 min

Lab File: BM045491.D

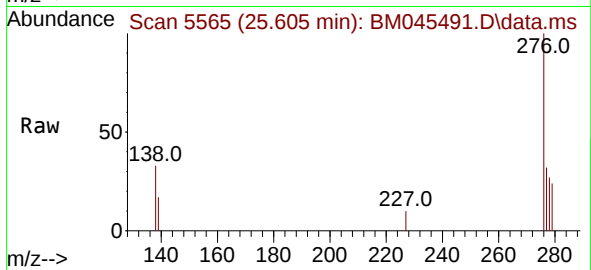
Acq: 22 Apr 2024 22:25

Instrument :

BNA_M

ClientSampleId :

E1CY0



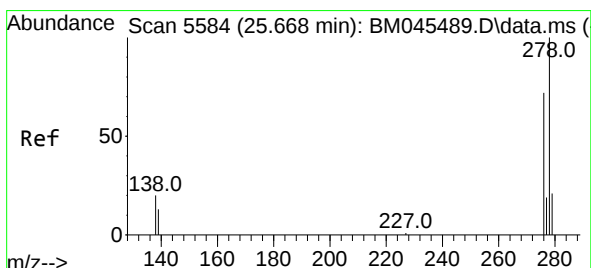
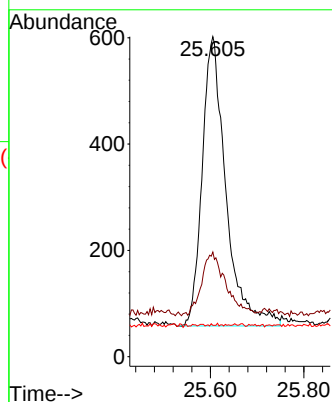
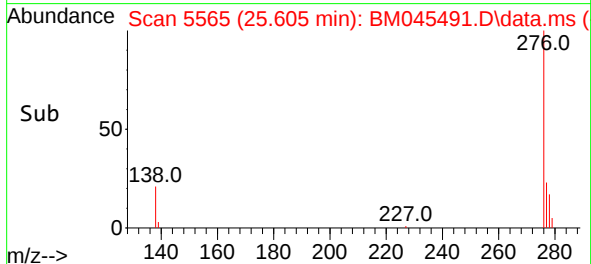
Tgt Ion:	276	Resp:	191
Ion Ratio	Lower	Upper	
276	100		
138	22.2	19.8	29.6
227	0.2	0.2	0.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.062 ng/ul

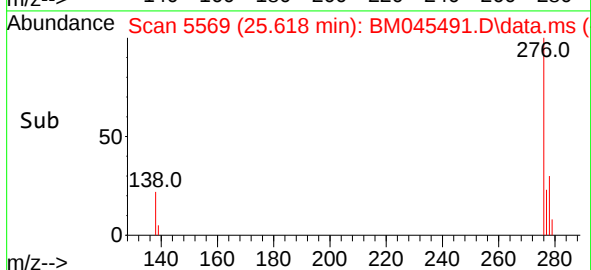
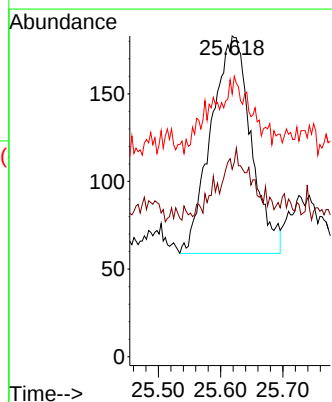
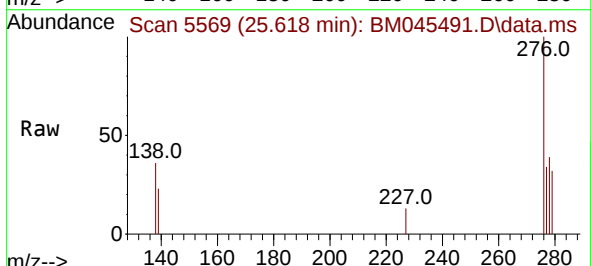
RT: 25.618 min Scan# 5569

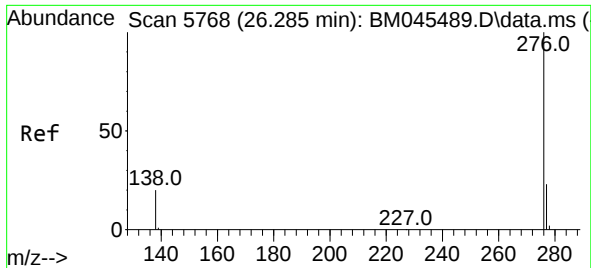
Delta R.T. -0.050 min

Lab File: BM045491.D

Acq: 22 Apr 2024 22:25

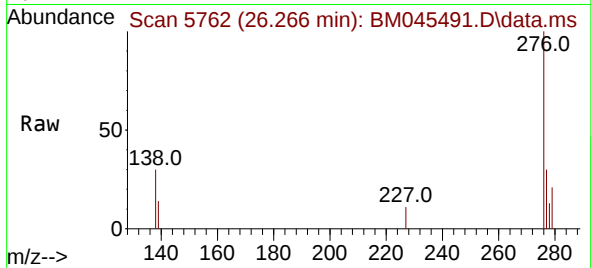
Tgt Ion:	278	Resp:	553
Ion Ratio	Lower	Upper	
278	100		
139	58.5	19.0	28.6#
279	82.0	29.4	44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.182 ng/ul
RT: 26.266 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM045491.D
Acq: 22 Apr 2024 22:25

Instrument :
BNA_M
ClientSampleId :
E1CY0



Tgt Ion:276 Resp: 1838
Ion Ratio Lower Upper
276 100
138 29.5 20.8 31.2
277 30.3 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

