

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045497.D
 Acq On : 23 Apr 2024 02:04
 Operator : MA/JU
 Sample : P2037-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY3

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 08:32:21 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	7.555	152	1045	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.314	136	3494	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2045	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.967	188	4447m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.187	240	3233	0.400	ng/ul	-0.03
23) Perylene-d12	23.379	264	3209m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5729	4.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1399	0.304	ng/ul	-0.05
18) Fluoranthene-d10	19.010	212	3103	0.305	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	1105	0.118	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	496	0.093	ng/ul	96
8) 1-Methylnaphthalene	12.228	142	296	0.049	ng/ul	92
10) Acenaphthylene	13.923	152	471	0.047	ng/ul#	76
11) Acenaphthene	14.270	153	197	0.026	ng/ul	93
15) Phenanthrene	17.005	178	5799	0.448	ng/ul	96
16) Anthracene	17.098	178	910m	0.075	ng/ul	
19) Fluoranthene	19.038	202	11127	0.746	ng/ul#	92
20) Pyrene	19.401	202	8788m	0.573	ng/ul	
21) Benzo(a)anthracene	21.176	228	4591	0.444	ng/ul	98
22) Chrysene	21.225	228	4747	0.299	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	7789m	0.722	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	2170m	0.159	ng/ul	
26) Benzo(a)pyrene	23.274	252	3662	0.327	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.572	276	3912	0.240	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.588	278	930	0.072	ng/ul#	40
29) Benzo(g,h,i)perylene	26.239	276	4475	0.306	ng/ul	100

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

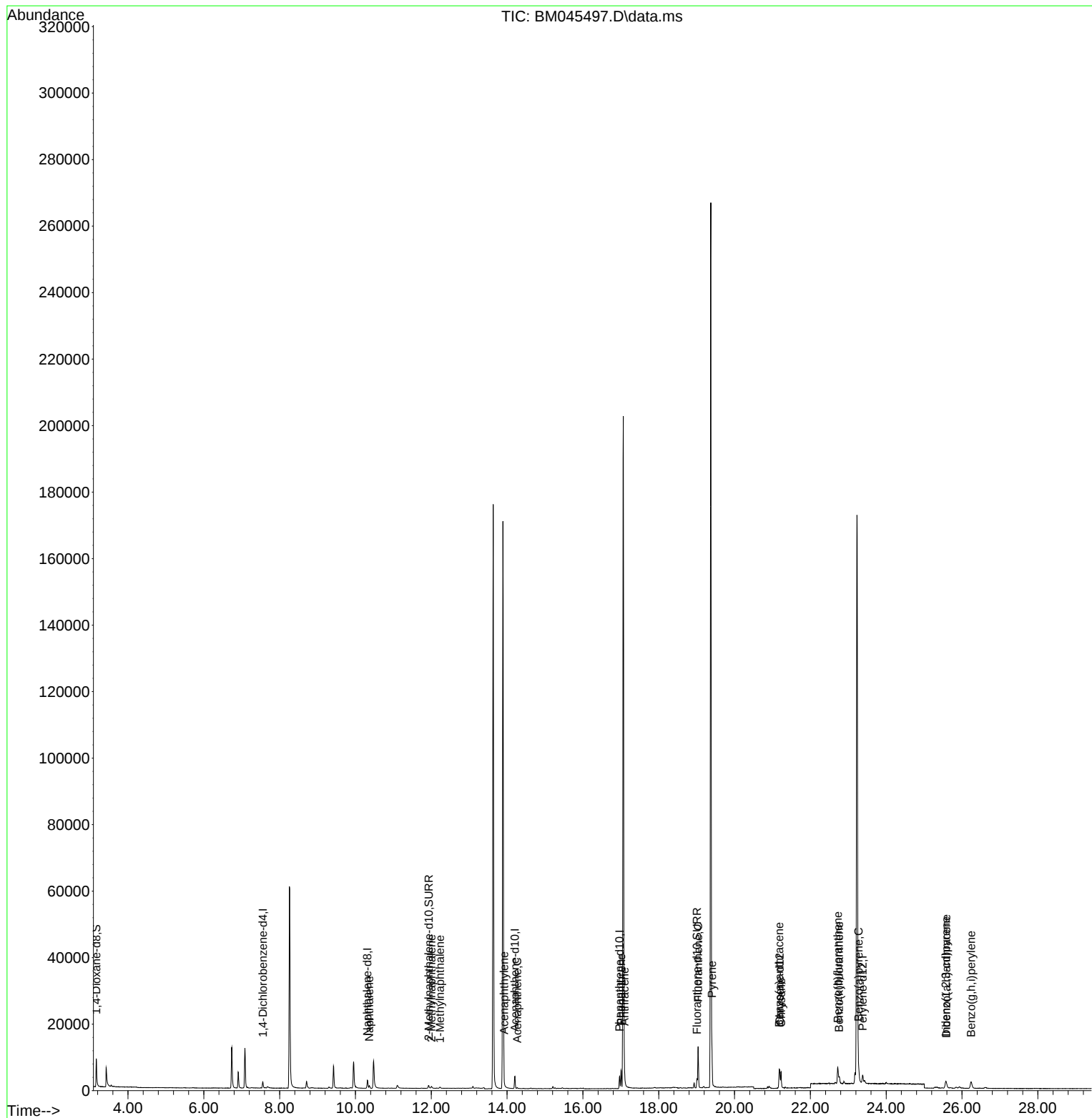
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045497.D
Acq On : 23 Apr 2024 02:04
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ALS Vial : 27 Sample Multiplier: 1

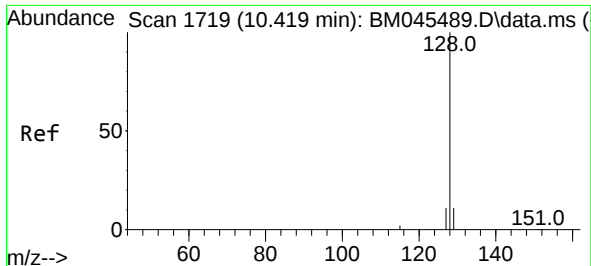
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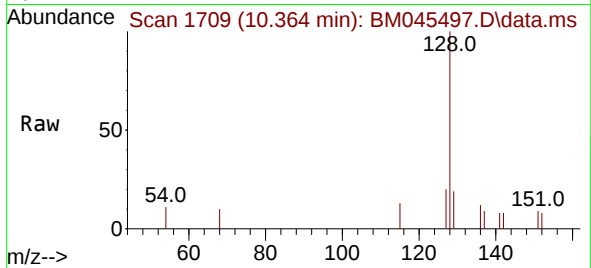
Quant Time: Apr 23 08:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.364 min Scan# 11
Delta R.T. -0.055 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

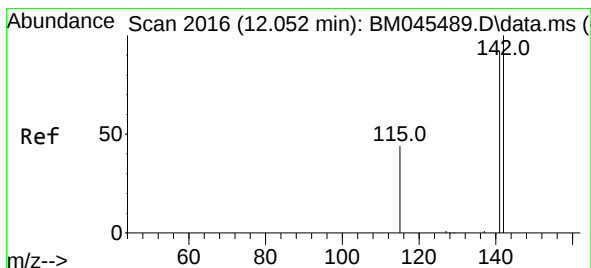
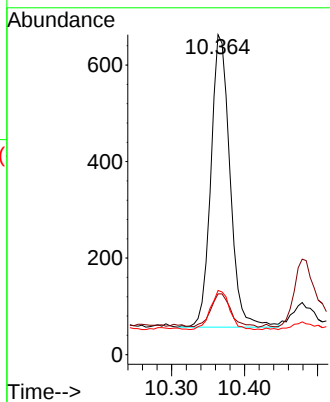
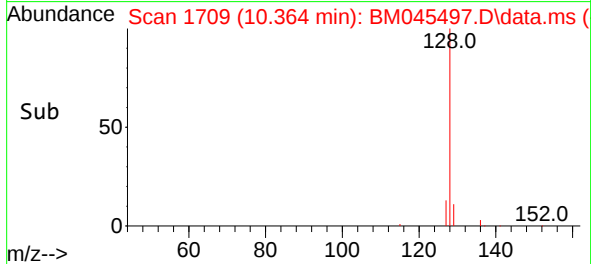
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:128 Resp: 110
Ion Ratio Lower Upper
128 100
129 19.0 14.0 21.0
127 20.1 15.4 23.2

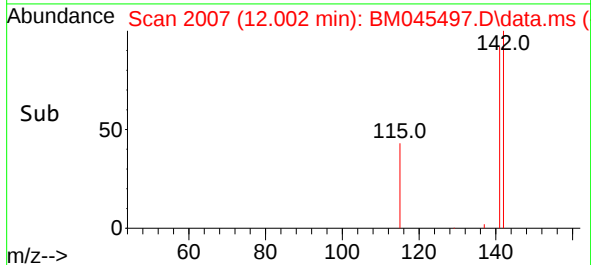
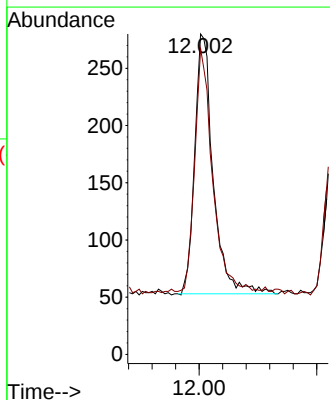
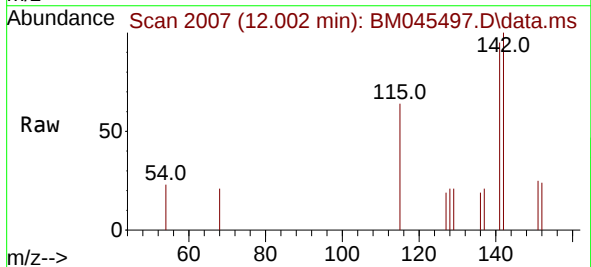
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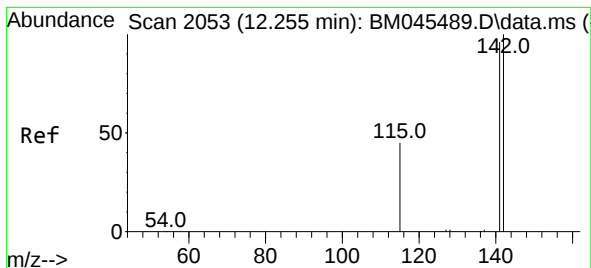
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.002 min Scan# 2007
Delta R.T. -0.049 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

Tgt Ion:142 Resp: 496
Ion Ratio Lower Upper
142 100
141 89.1 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.049 ng/ul

RT: 12.228 min Scan# 2048

Delta R.T. -0.027 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

Instrument :

BNA_M

ClientSampleId :

E1CY3

Tgt Ion:142 Resp: 290

Ion Ratio Lower Upper

142 100

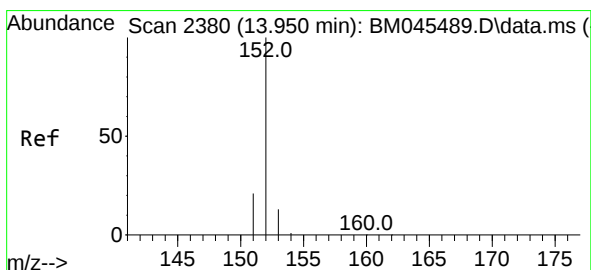
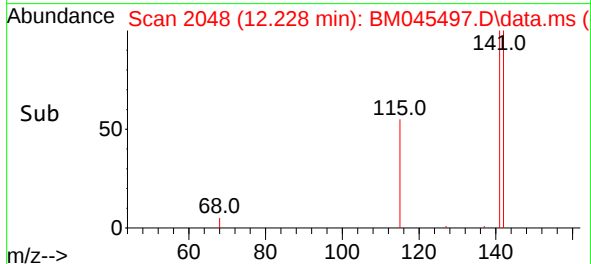
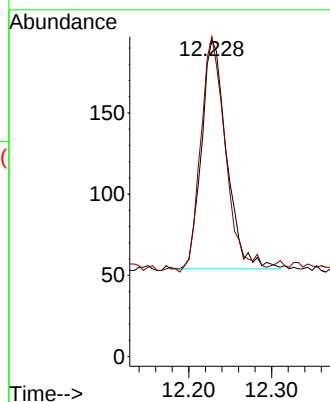
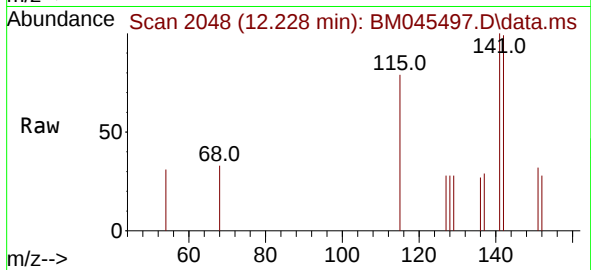
141 102.7 76.1 114.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.923 min Scan# 2374

Delta R.T. -0.028 min

Lab File: BM045497.D

Acq: 23 Apr 2024 02:04

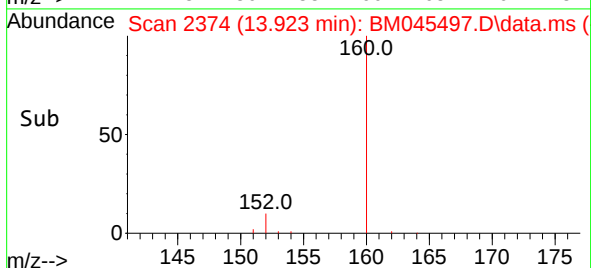
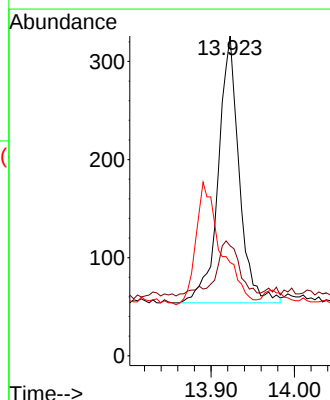
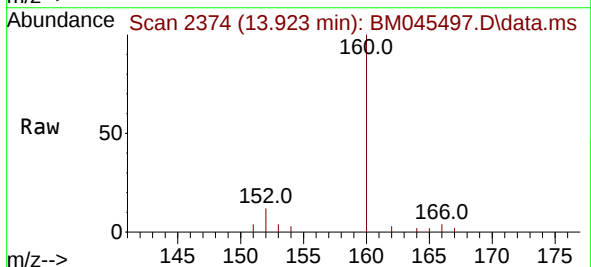
Tgt Ion:152 Resp: 471

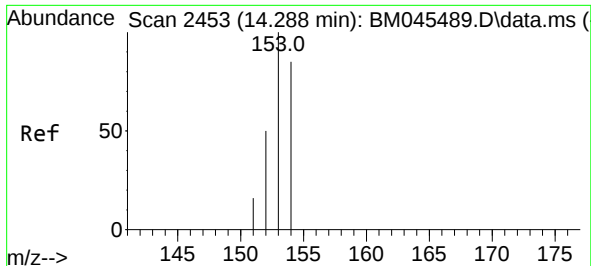
Ion Ratio Lower Upper

152 100

151 34.4 18.6 28.0#

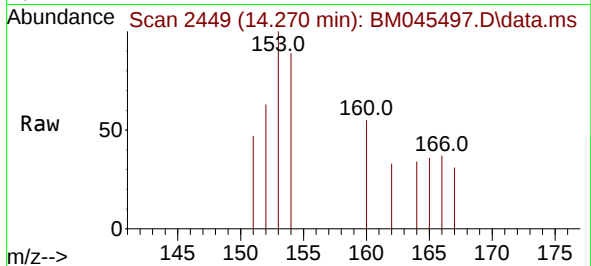
153 29.1 14.1 21.1#





#11
Acenaphthene
Concen: 0.026 ng/uI
RT: 14.270 min Scan# 2449
Delta R.T. -0.018 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

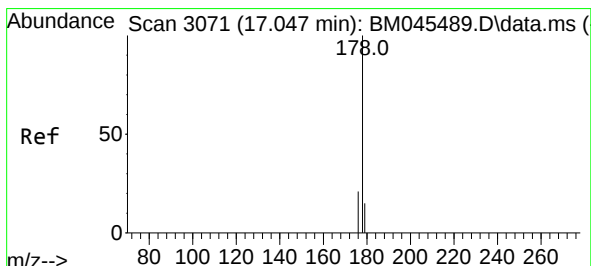
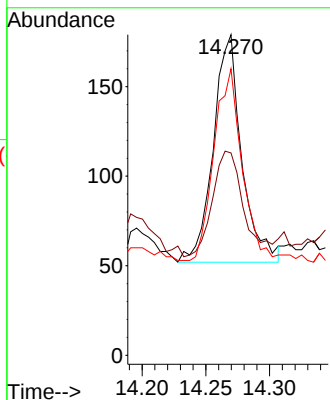
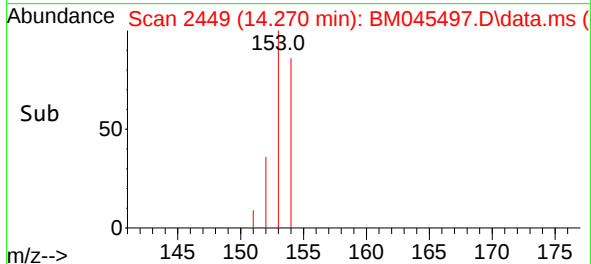
Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:153 Resp: 197
Ion Ratio Lower Upper
153 100
152 63.1 43.4 65.2
154 89.4 69.0 103.6

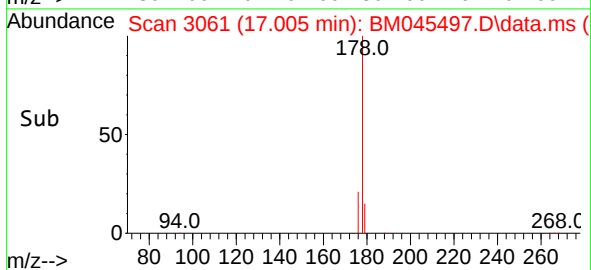
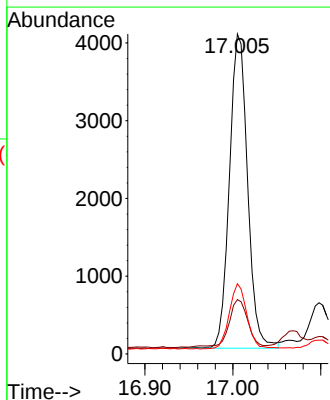
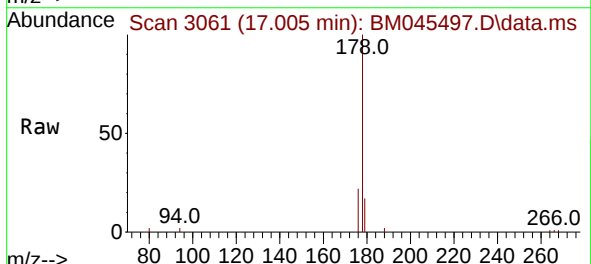
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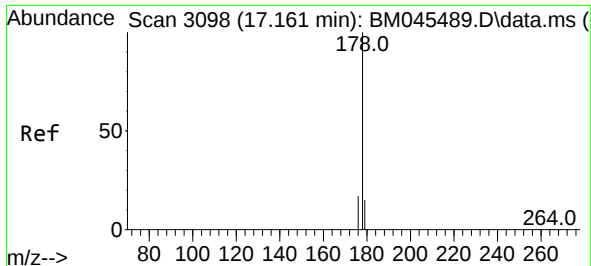
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#15
Phenanthrene
Concen: 0.448 ng/uI
RT: 17.005 min Scan# 3061
Delta R.T. -0.042 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

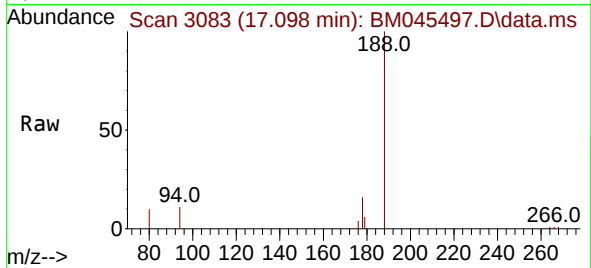
Tgt Ion:178 Resp: 5799
Ion Ratio Lower Upper
178 100
179 17.0 15.4 23.2
176 21.9 19.0 28.4





#16
 Anthracene
 Concen: 0.075 ng/ul m
 RT: 17.098 min Scan# 3098
 Delta R.T. -0.063 min
 Lab File: BM045497.D
 Acq: 23 Apr 2024 02:04

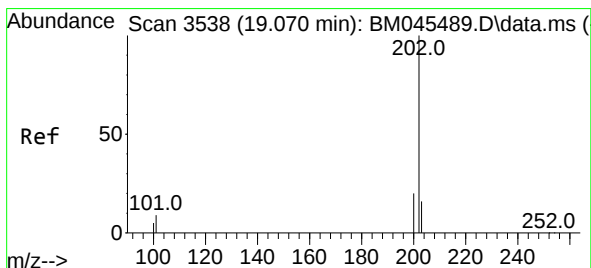
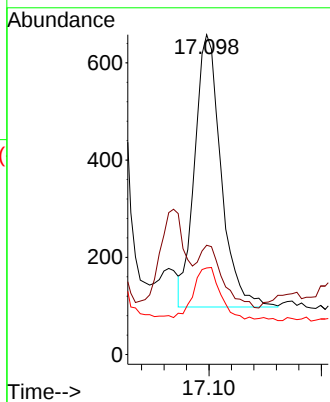
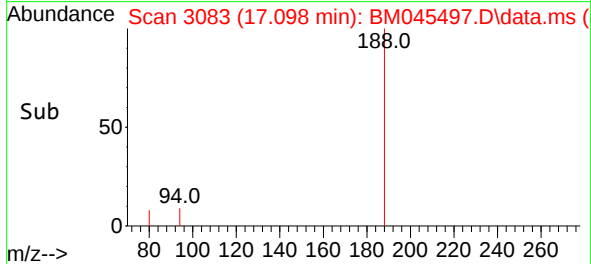
Instrument :
 BNA_M
 ClientSampleId :
 E1CY3



Tgt Ion:178 Resp: 910
 Ion Ratio Lower Upper
 178 100
 179 34.2 17.8 26.6#
 176 27.1 18.7 28.1#

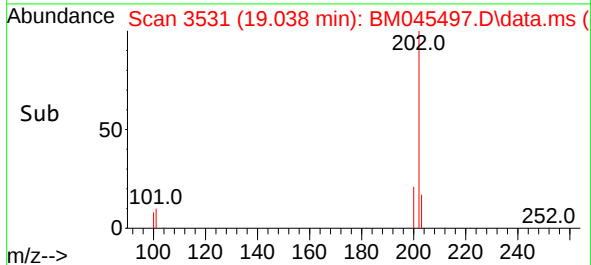
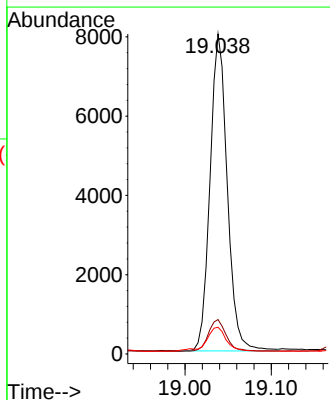
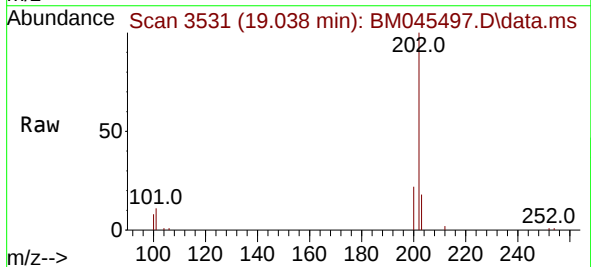
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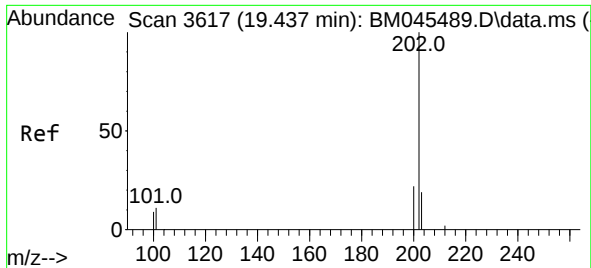
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024



#19
 Fluoranthene
 Concen: 0.746 ng/ul
 RT: 19.038 min Scan# 3531
 Delta R.T. -0.032 min
 Lab File: BM045497.D
 Acq: 23 Apr 2024 02:04

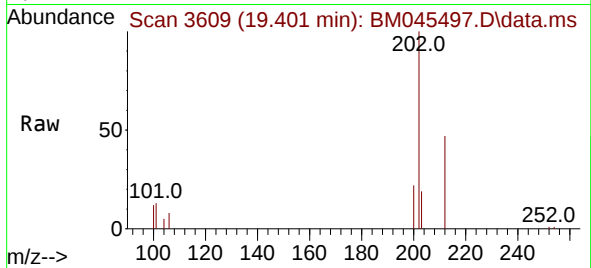
Tgt Ion:202 Resp: 11127
 Ion Ratio Lower Upper
 202 100
 101 10.7 11.2 16.8#
 100 8.3 9.1 13.7#





#20
Pyrene
Concen: 0.573 ng/ul m
RT: 19.401 min Scan# 30
Delta R.T. -0.037 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

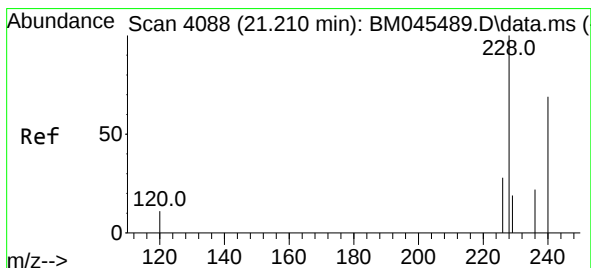
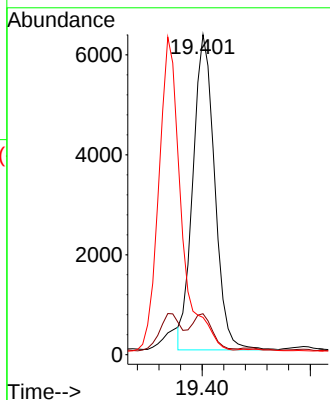
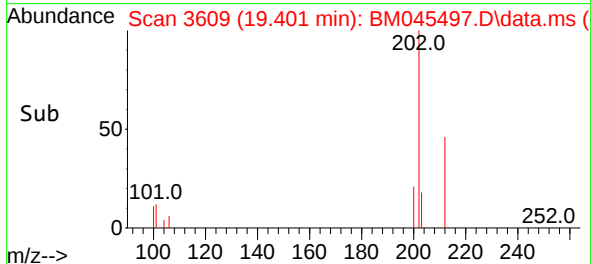
Instrument :
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Tgt Ion:202 Resp: 878
Ion Ratio Lower Upper
202 100
101 12.8 11.5 17.3
100 11.7 10.6 15.8

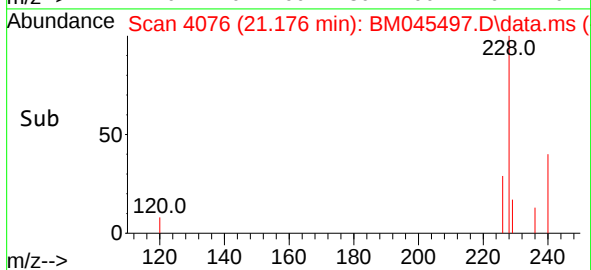
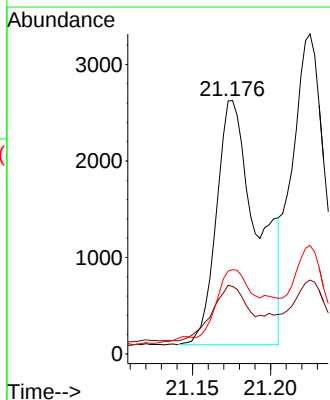
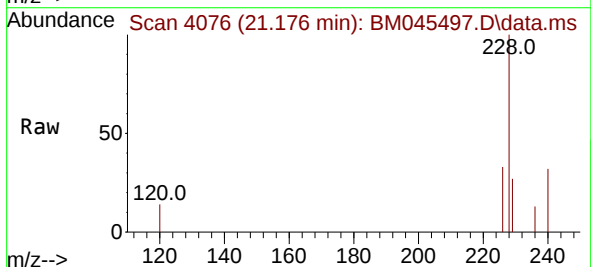
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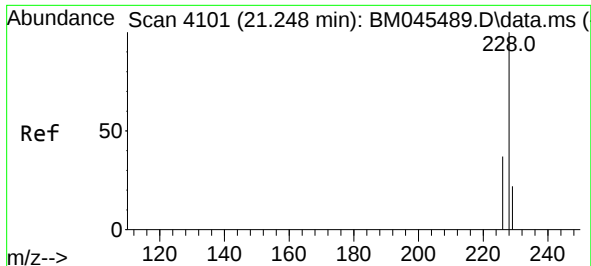
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.176 min Scan# 4076
Delta R.T. -0.035 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

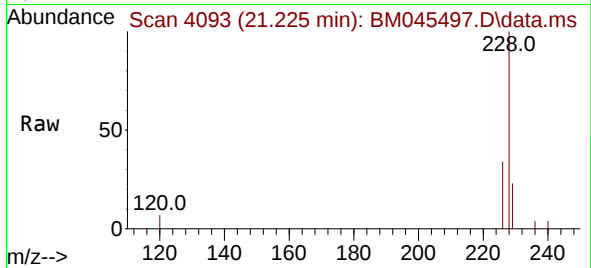
Tgt Ion:228 Resp: 4591
Ion Ratio Lower Upper
228 100
229 26.6 19.4 29.2
226 33.3 26.3 39.5





#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.225 min Scan# 4093
Delta R.T. -0.023 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

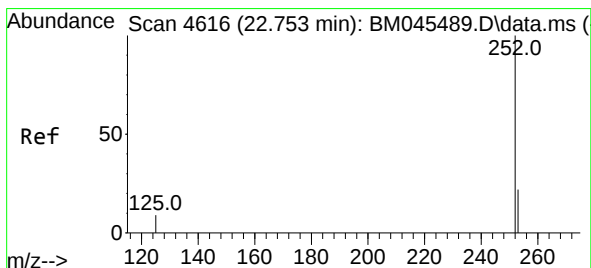
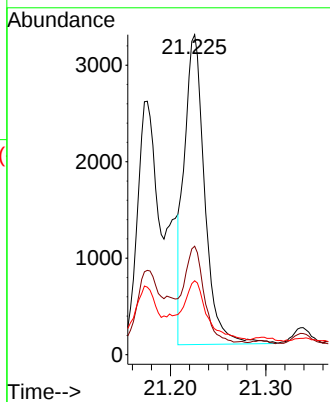
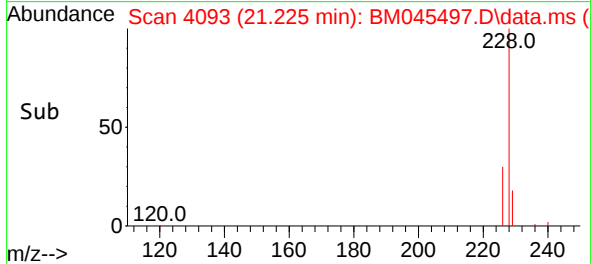
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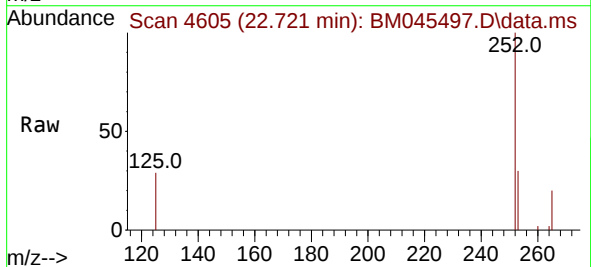
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Ion Ratio Lower Upper
228 100
226 33.9 26.3 39.5
229 23.1 17.8 26.8

Manual Integrations
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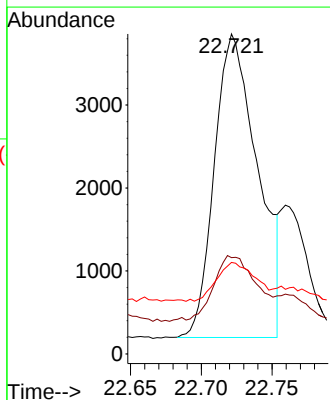
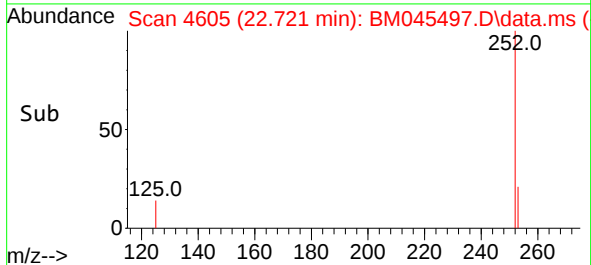
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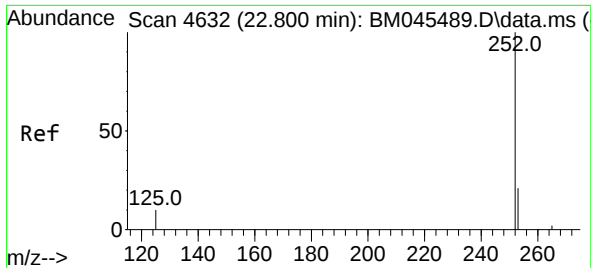


#24
Benzo(b)fluoranthene
Concen: 0.722 ng/ul m
RT: 22.721 min Scan# 4605
Delta R.T. -0.032 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04



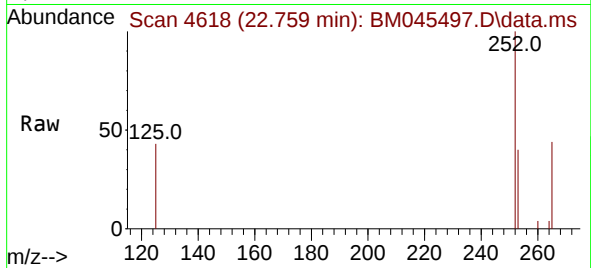
Tgt Ion:252 Resp: 7789
Ion Ratio Lower Upper
252 100
253 30.1 0.0 63.4
125 28.6 0.0 36.8





#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.041 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

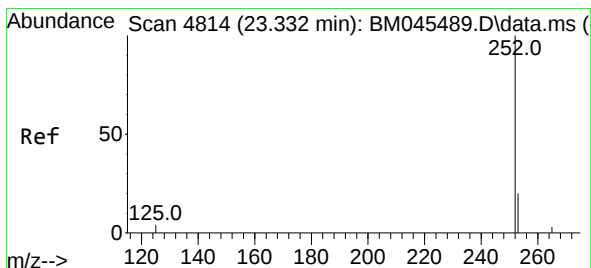
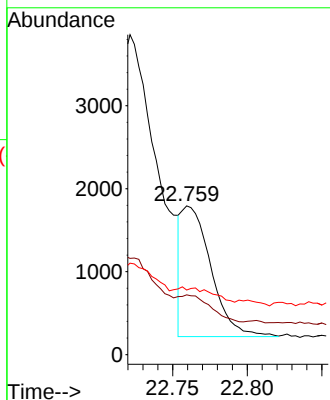
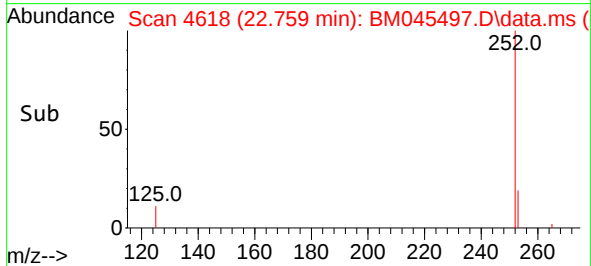
Instrument :
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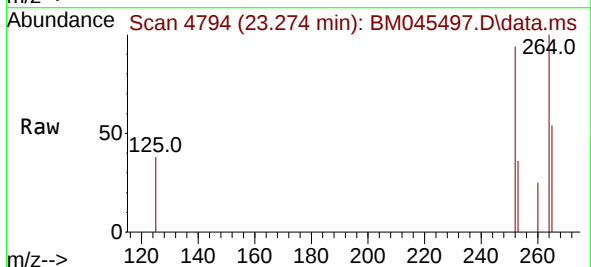
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Ion Ratio Lower Upper
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253 40.3 25.4 38.0
125 43.4 14.8 22.2

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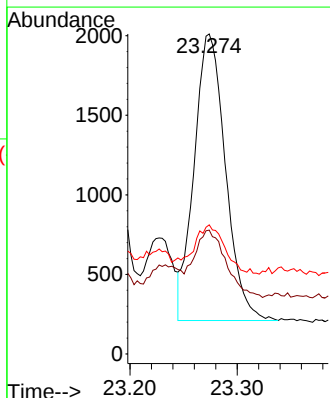
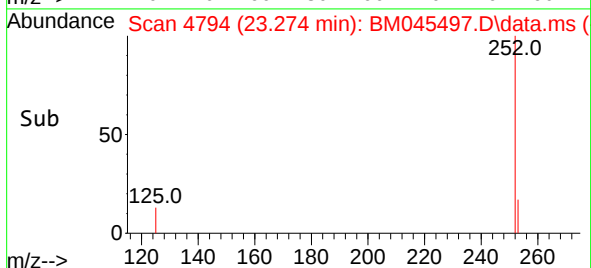
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

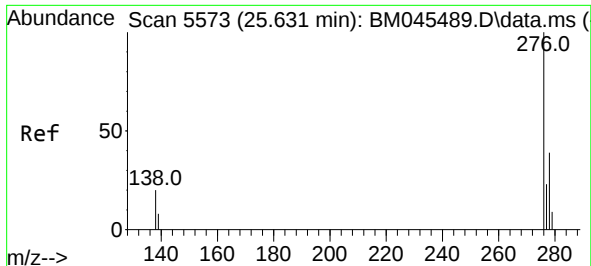


#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.058 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04



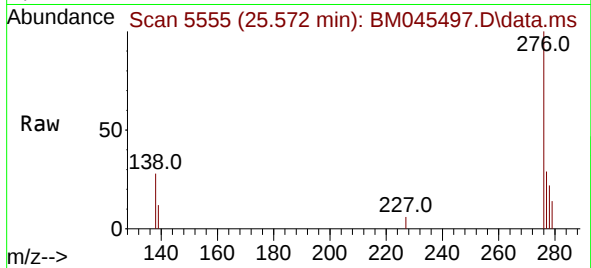
Tgt Ion:252 Resp: 3662
Ion Ratio Lower Upper
252 100
253 38.7 31.6 47.4
125 40.4 19.5 29.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.240 ng/ul
RT: 25.572 min Scan# 5555
Delta R.T. -0.060 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

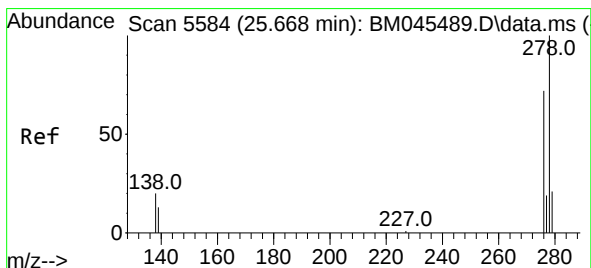
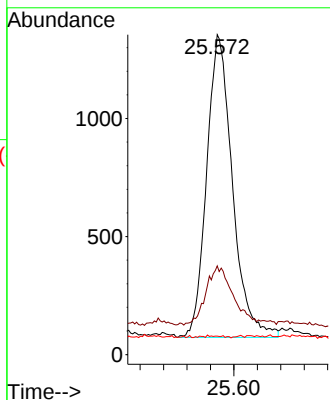
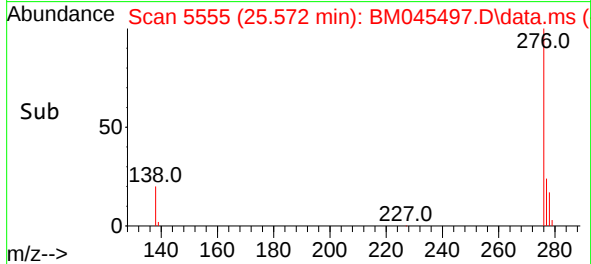
Instrument :
BNA_M
ClientSampleId :
E1CY3



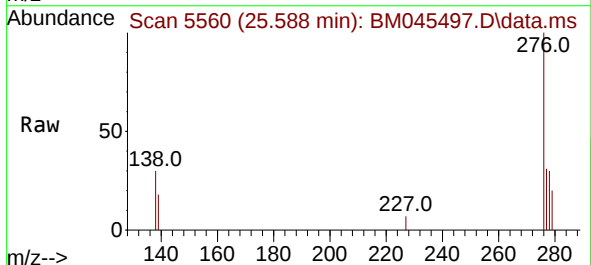
Tgt Ion:276 Resp: 3912
Ion Ratio Lower Upper
276 100
138 21.9 19.8 29.6
227 0.5 0.2 0.2

Manual Integrations
APPROVED

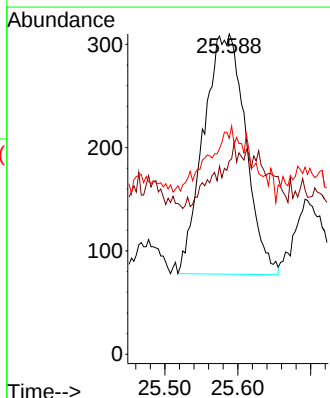
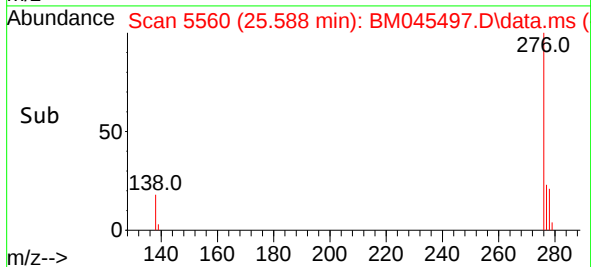
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

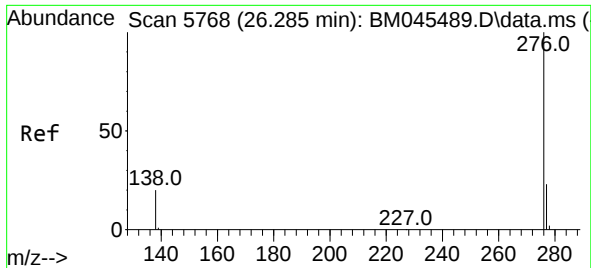


#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.588 min Scan# 5560
Delta R.T. -0.080 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04



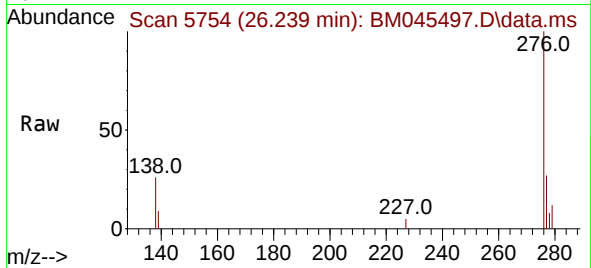
Tgt Ion:278 Resp: 930
Ion Ratio Lower Upper
278 100
139 60.3 19.0 28.6#
279 67.4 29.4 44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 26.239 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM045497.D
Acq: 23 Apr 2024 02:04

Instrument :
BNA_M
ClientSampleId :
E1CY3



Tgt Ion:276 Resp: 4475
Ion Ratio Lower Upper
276 100
138 25.7 20.8 31.2
277 27.2 21.8 32.8

Manual Integrations
APPROVED

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

