

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041495.D
 Acq On : 25 Aug 2023 15:23
 Operator : MA/JU
 Sample : 04037-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZJ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 00:17:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31052	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	16386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	32778	0.400	ng/ul	0.00
17) Chrysene-d12	21.699	240	14712	0.400	ng/ul	# 0.00
23) Perylene-d12	24.275	264	14524	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	49745	3.682	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	8631	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	14340	0.221	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.999	128	4841	0.052	ng/ul#	91
7) 2-Methylnaphthalene	12.594	142	3591	0.065	ng/ul	98
8) 1-Methylnaphthalene	12.814	142	1617	0.029	ng/ul	98
10) Acenaphthylene	14.481	152	6708	0.068	ng/ul#	93
15) Phenanthrene	17.548	178	26963	0.224	ng/ul	98
16) Anthracene	17.641	178	8115m	0.074	ng/ul	
19) Fluoranthene	19.561	202	105783	0.783	ng/ul	98
20) Pyrene	19.928	202	150672m	1.106	ng/ul	
21) Benzo(a)anthracene	21.682	228	38180	0.399	ng/ul	94
22) Chrysene	21.740	228	80943	0.782	ng/ul	97
24) Benzo(b)fluoranthene	23.474	252	79979	0.804	ng/ul#	75
25) Benzo(k)fluoranthene	23.523	252	26762m	0.269	ng/ul	
26) Benzo(a)pyrene	24.158	252	23743	0.291	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	26.984	276	32572	0.319	ng/ul#	88
29) Benzo(g,h,i)perylene	27.836	276	35556	0.395	ng/ul	95

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

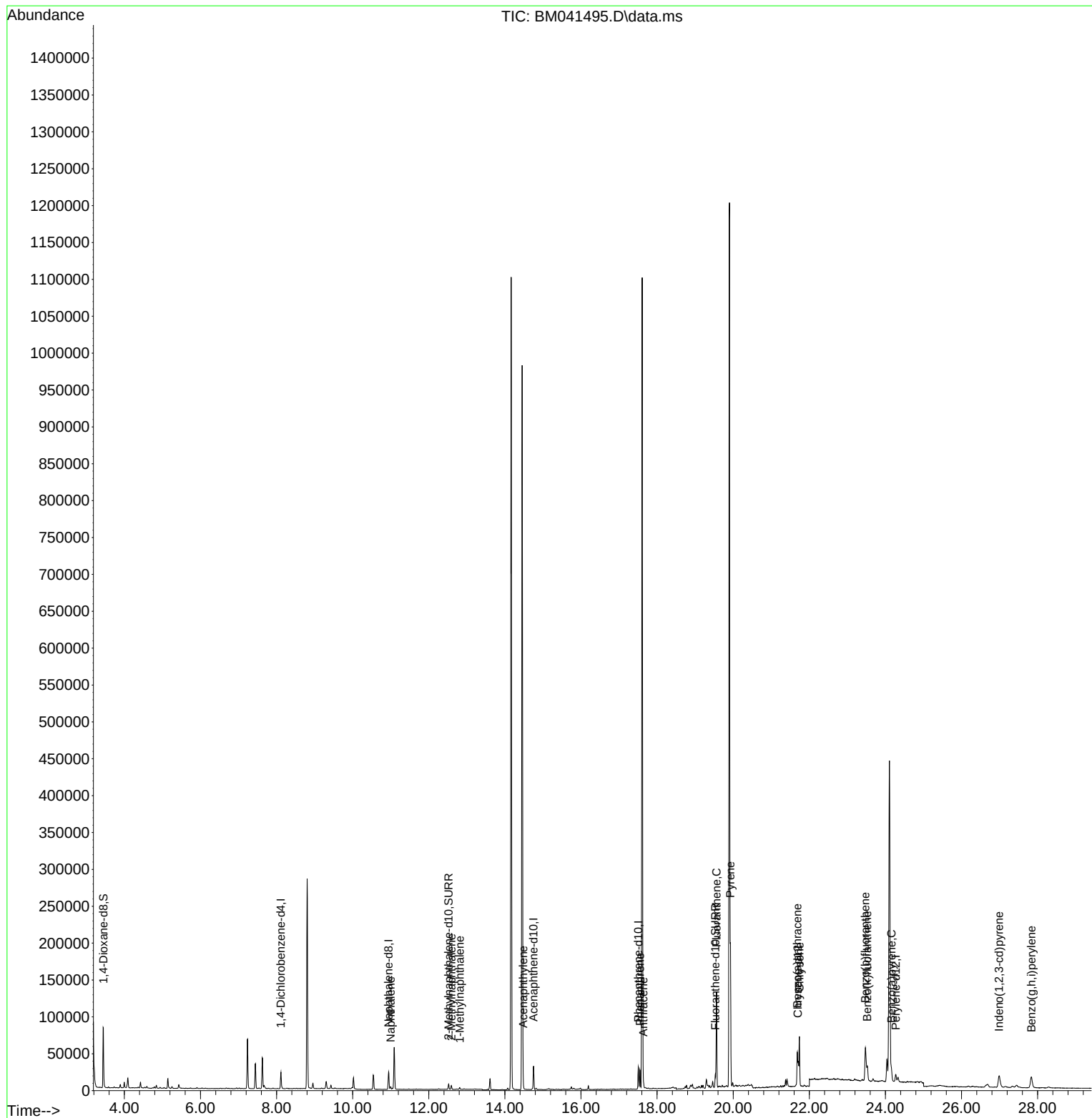
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041495.D
Acq On : 25 Aug 2023 15:23
Operator : MA/JU
Sample : 04037-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

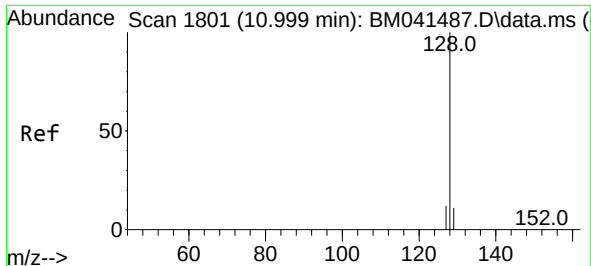
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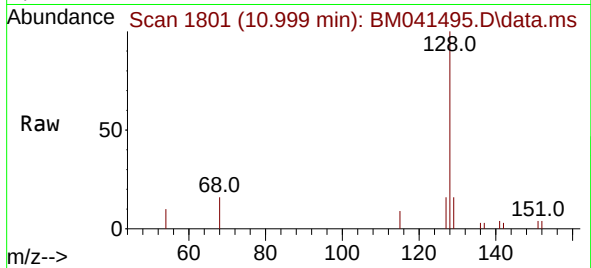
Quant Time: Aug 26 00:17:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
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#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

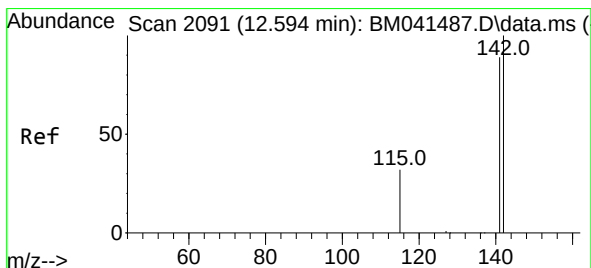
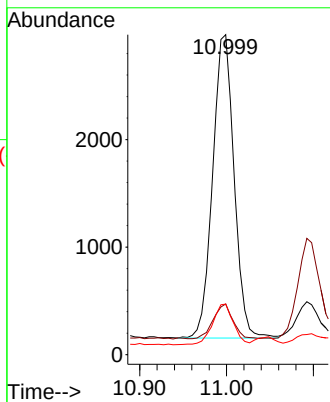
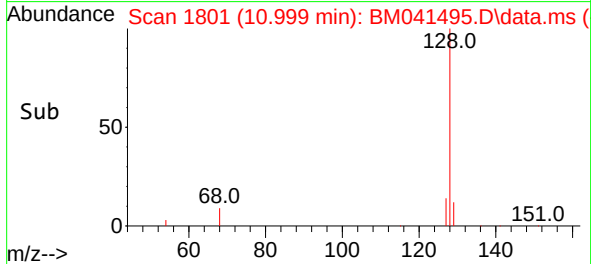
Instrument :
BNA_M
ClientSampleId :
EZYJ3



Tgt Ion:128 Resp: 484
Ion Ratio Lower Upper
128 100
129 15.9 8.9 13.3
127 15.8 10.6 15.8

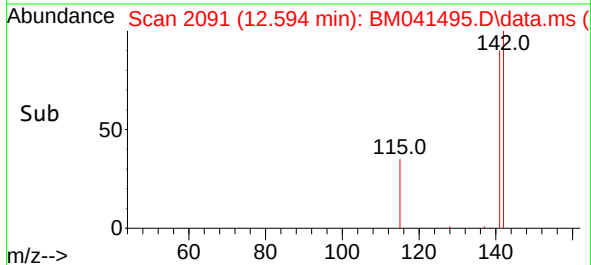
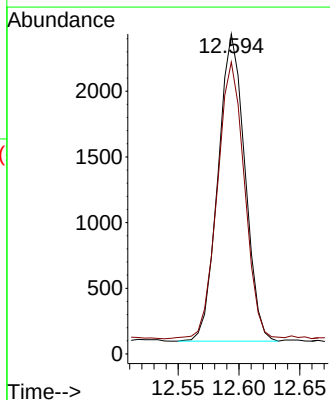
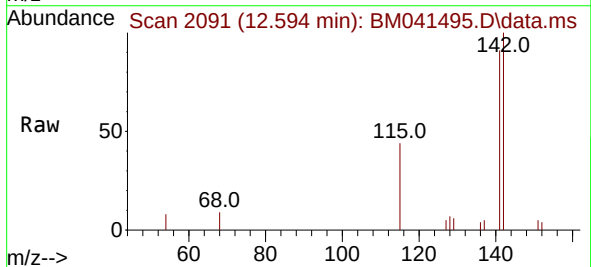
Manual Integrations
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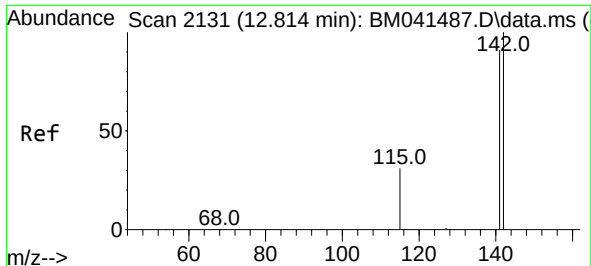
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

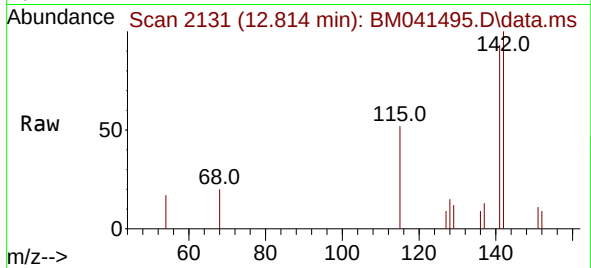
Tgt Ion:142 Resp: 3591
Ion Ratio Lower Upper
142 100
141 91.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

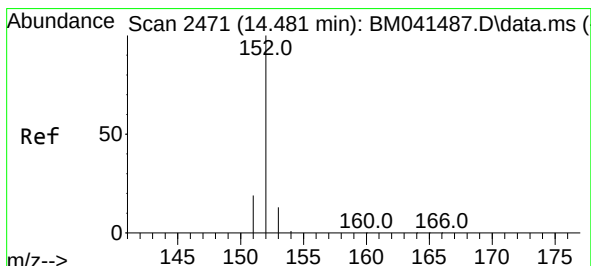
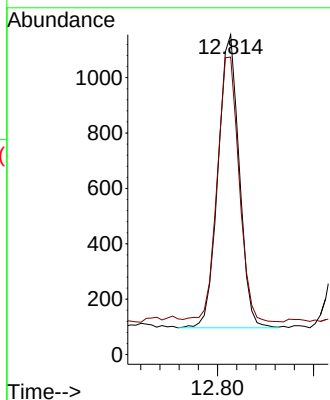
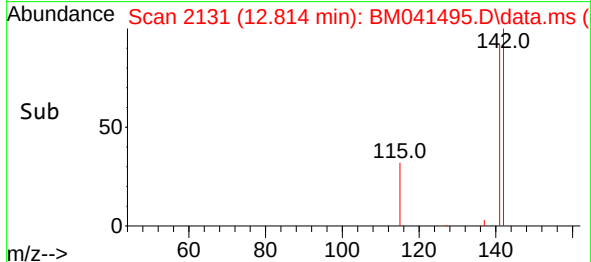
Instrument :
BNA_M
ClientSampleId :
EZYJ3



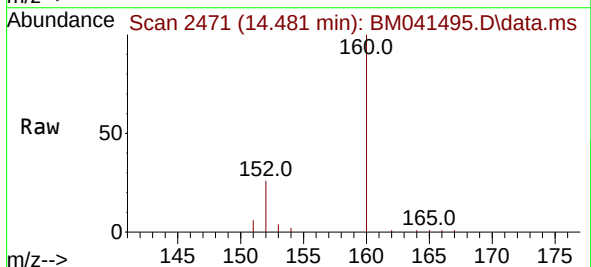
Tgt Ion:142 Resp: 161
Ion Ratio Lower Upper
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141 93.4 73.4 110.2

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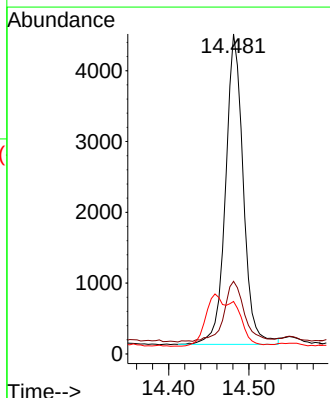
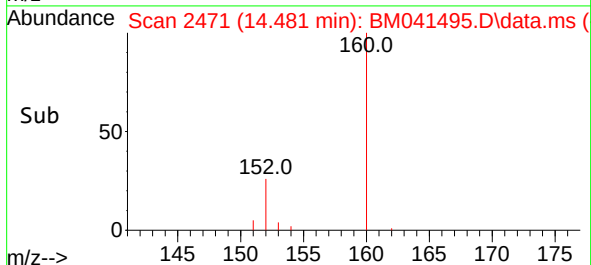
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

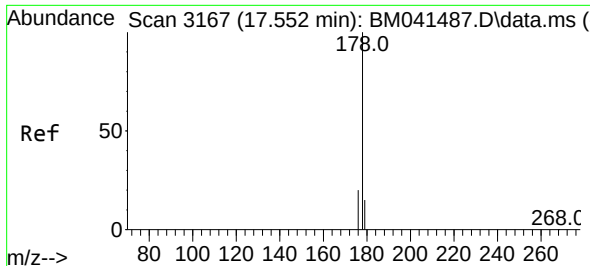


#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23



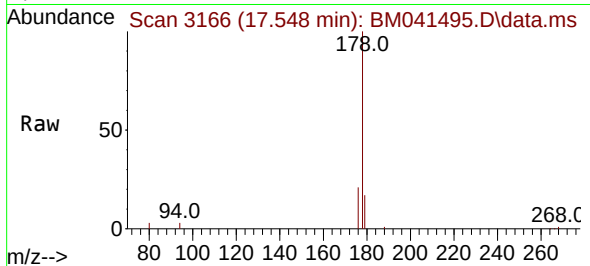
Tgt Ion:152 Resp: 6708
Ion Ratio Lower Upper
152 100
151 22.7 15.8 23.6
153 16.4 10.6 15.8#





#15
Phenanthrene
Concen: 0.224 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

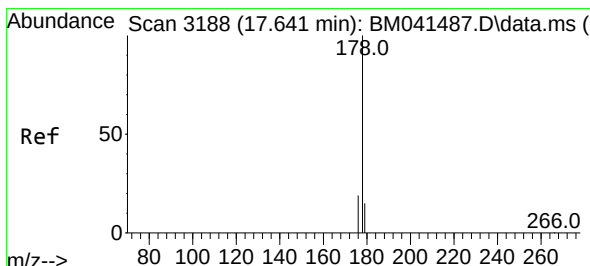
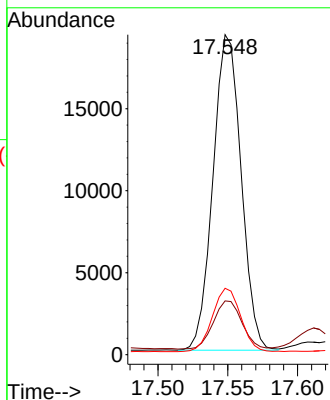
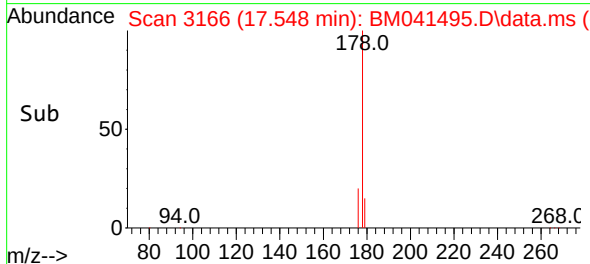
Instrument :
BNA_M
ClientSampleId :
EZYJ3



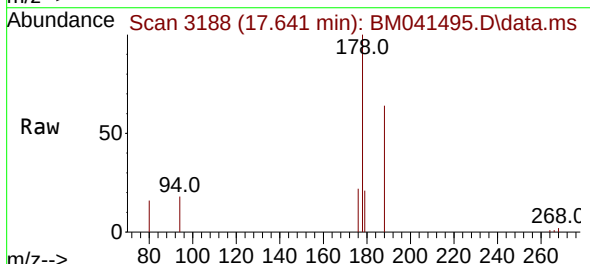
Tgt Ion:178 Resp: 2696
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 20.7 15.8 23.8

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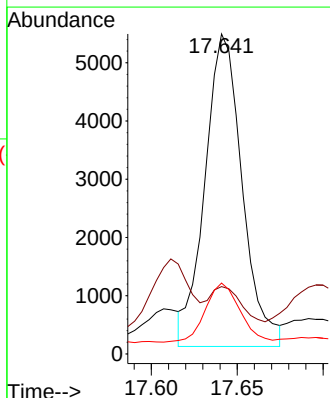
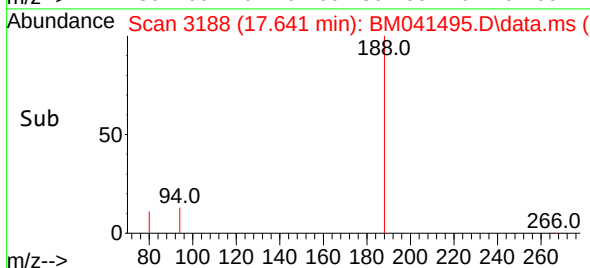
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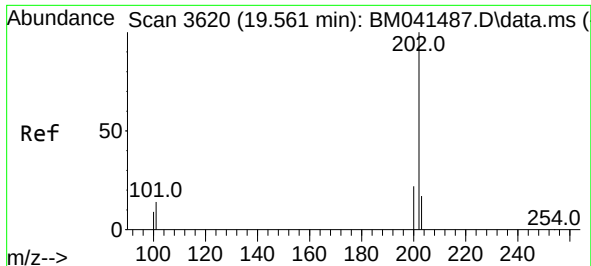


#16
Anthracene
Concen: 0.074 ng/ul m
RT: 17.641 min Scan# 3188
Delta R.T. -0.004 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23



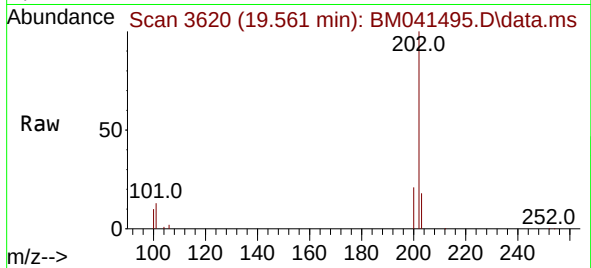
Tgt Ion:178 Resp: 8115
Ion Ratio Lower Upper
178 100
179 21.0 12.6 18.8#
176 22.2 15.5 23.3





#19
Fluoranthene
Concen: 0.783 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

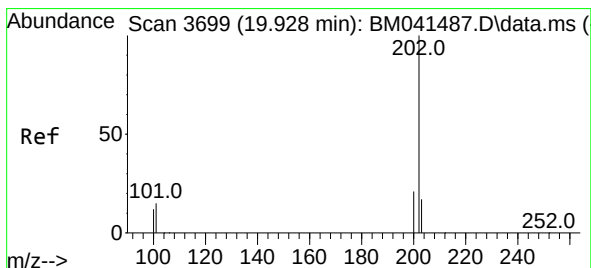
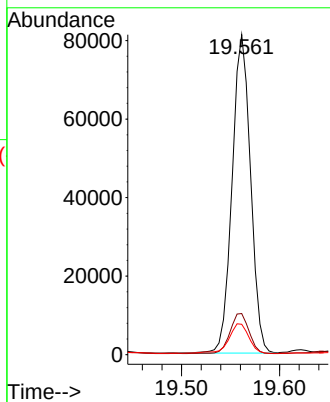
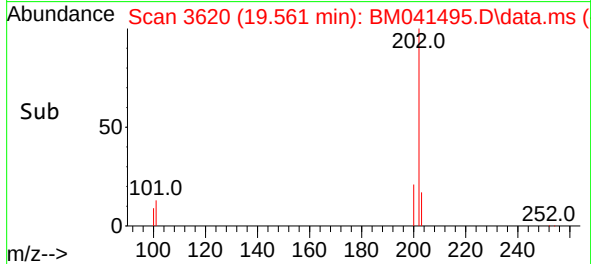
Instrument :
BNA_M
ClientSampleId :
EZYJ3



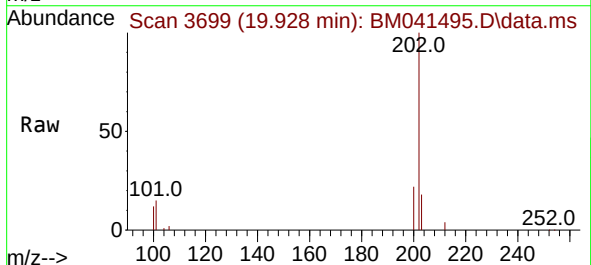
Tgt Ion:202 Resp: 10578
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.6
100 9.5 7.9 11.9

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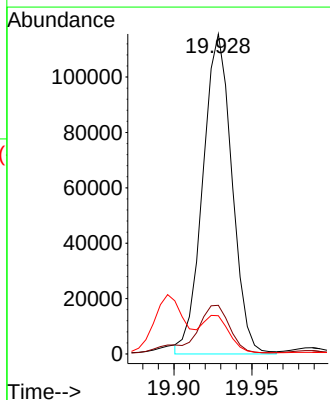
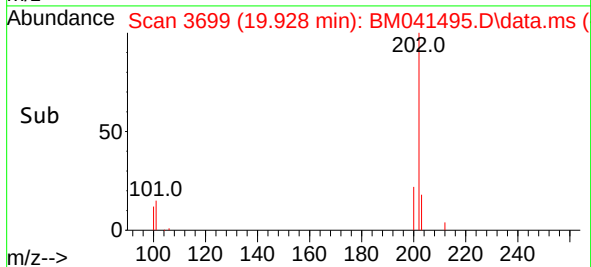
Reviewed By :Yogesh Patel 08/26/2023
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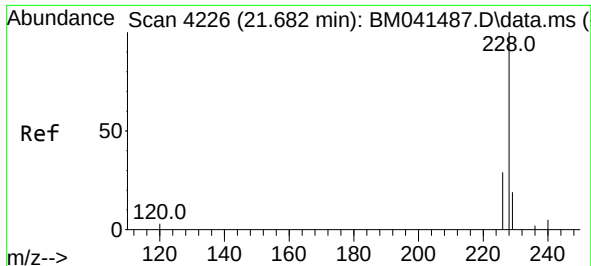


#20
Pyrene
Concen: 1.106 ng/ul m
RT: 19.928 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23



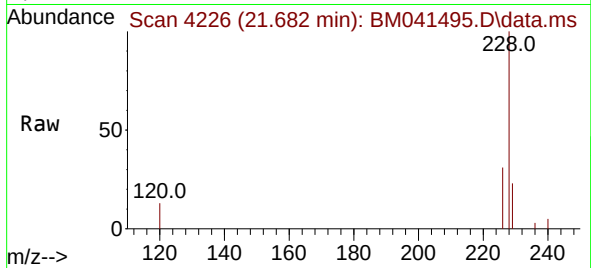
Tgt Ion:202 Resp: 150672
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 11.9 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.399 ng/u1
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

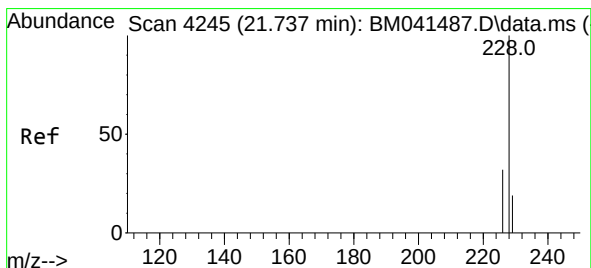
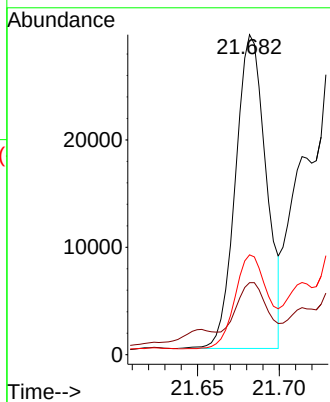
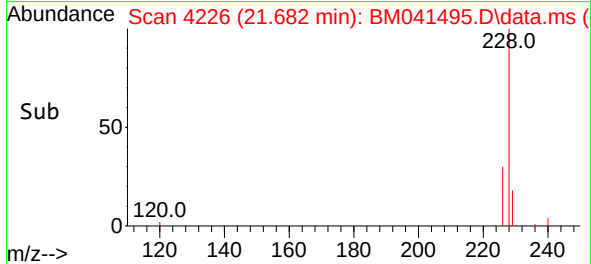
Instrument :
BNA_M
ClientSampleId :
EZYJ3



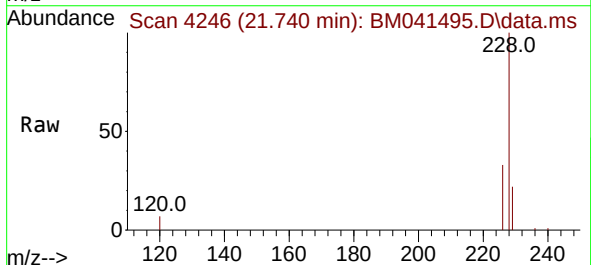
Tgt Ion:228 Resp: 38180
Ion Ratio Lower Upper
228 100
229 22.5 15.3 22.9
226 31.2 22.7 34.1

Manual Integrations
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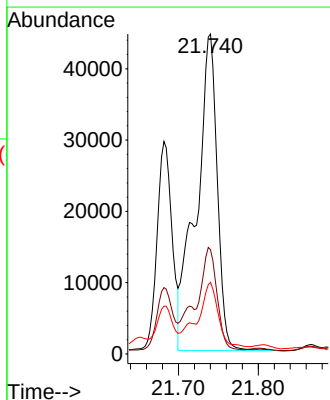
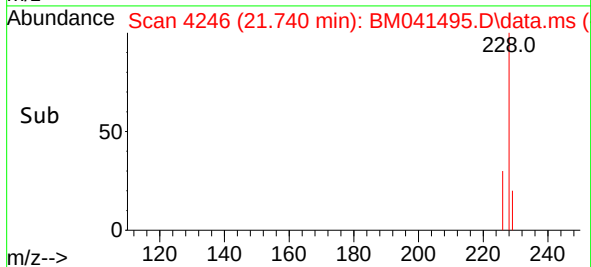
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

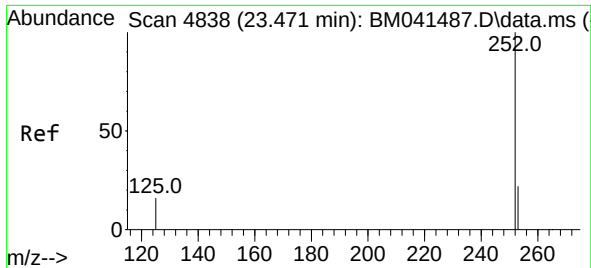


#22
Chrysene
Concen: 0.782 ng/u1
RT: 21.740 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23



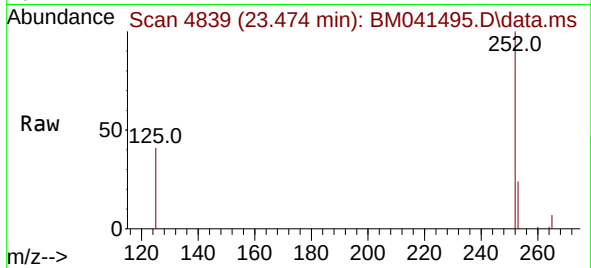
Tgt Ion:228 Resp: 80943
Ion Ratio Lower Upper
228 100
226 32.6 25.6 38.4
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.804 ng/ul
RT: 23.474 min Scan# 4838
Delta R.T. -0.009 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

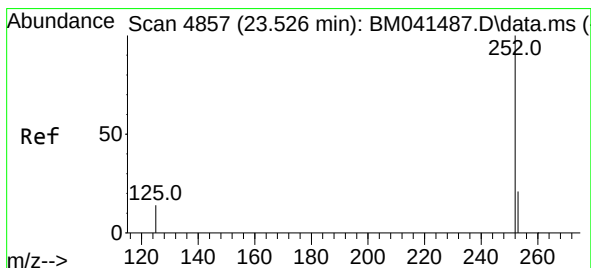
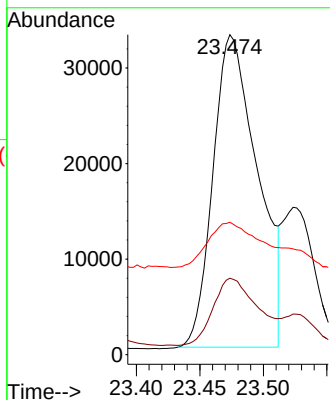
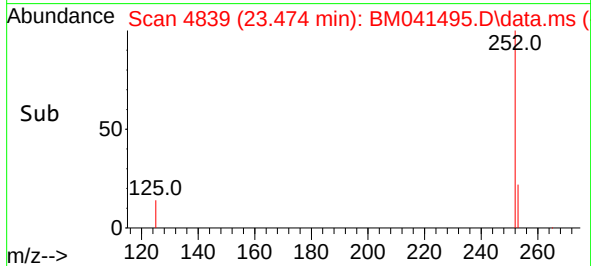
Instrument :
BNA_M
ClientSampleId :
EZYJ3



Tgt Ion:252 Resp: 79979
Ion Ratio Lower Upper
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253 23.9 0.0 46.8
125 41.4 0.0 32.8

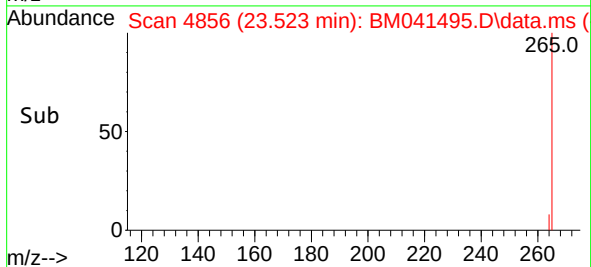
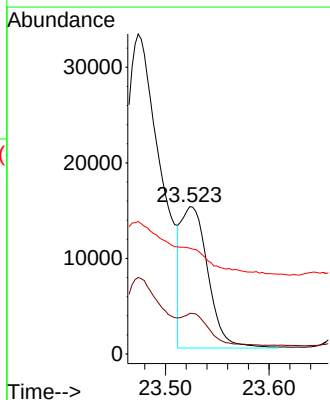
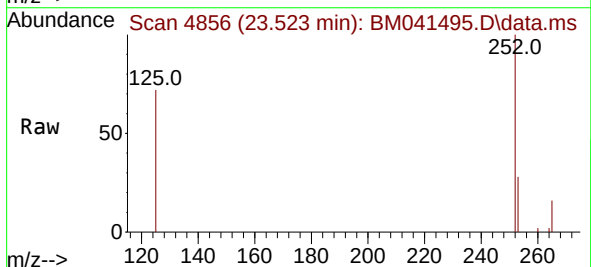
Manual Integrations
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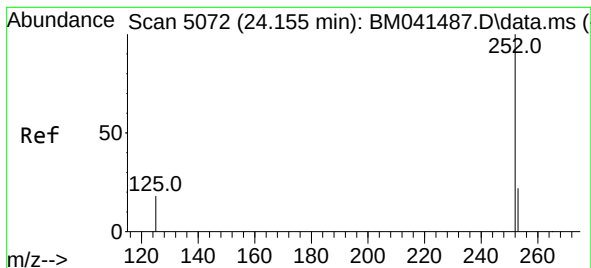
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.269 ng/ul m
RT: 23.523 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

Tgt Ion:252 Resp: 26762
Ion Ratio Lower Upper
252 100
253 27.6 19.1 28.7
125 71.8 13.4 20.0





#26

Benzo(a)pyrene

Concen: 0.291 ng/ul

RT: 24.158 min Scan# 5072

Delta R.T. -0.006 min

Lab File: BM041495.D

Acq: 25 Aug 2023 15:23

Instrument :

BNA_M

ClientSampleId :

EZYJ3

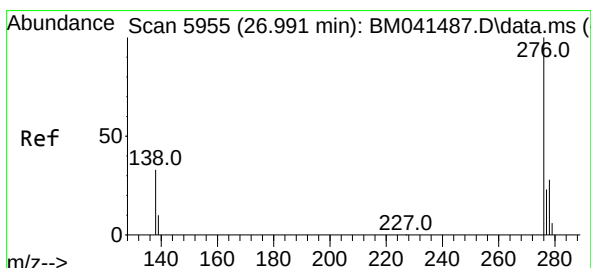
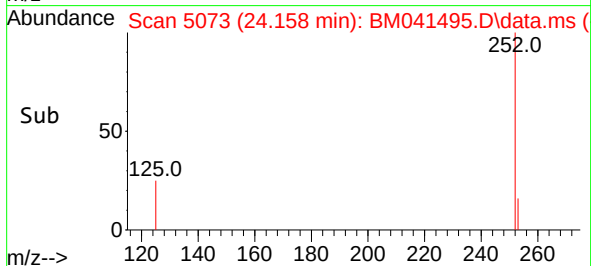
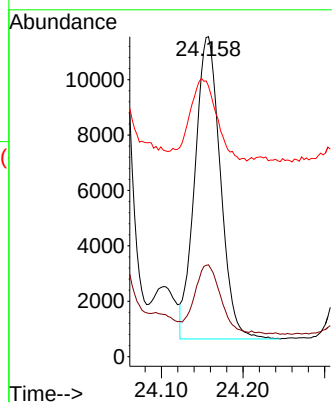
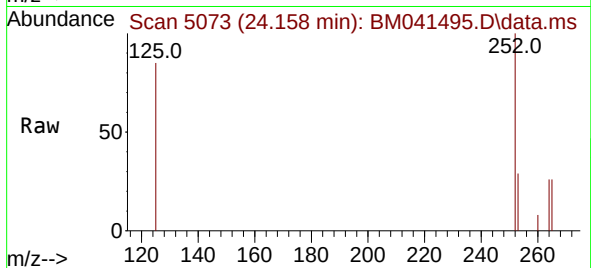
Tgt Ion:	252	Resp:	2374
Ion Ratio	Lower	Upper	
252	100		
253	28.7	19.5	29.3
125	84.6	16.0	24.0

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.319 ng/ul

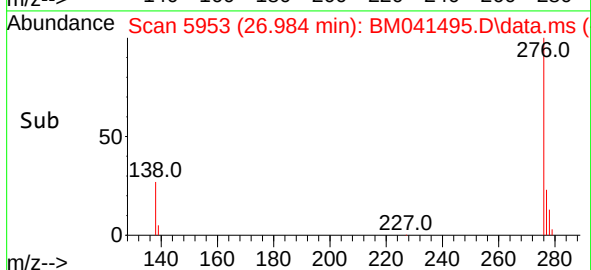
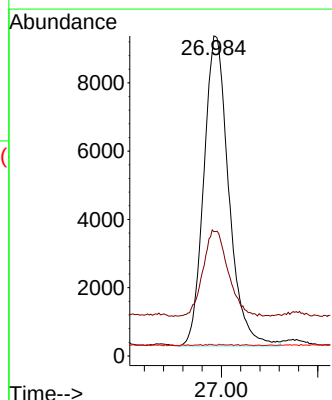
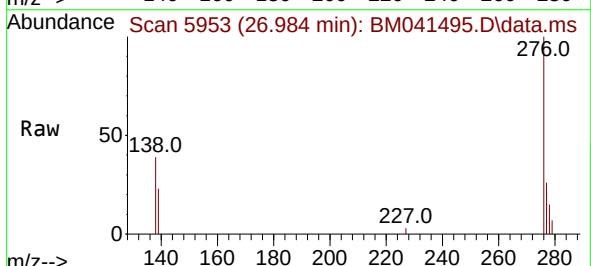
RT: 26.984 min Scan# 5953

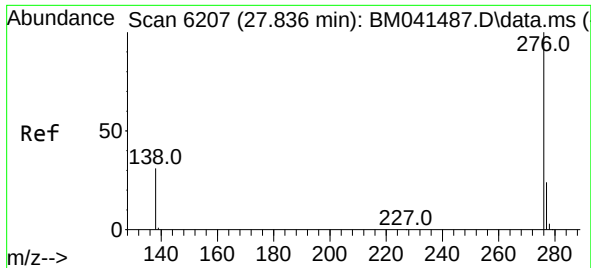
Delta R.T. -0.020 min

Lab File: BM041495.D

Acq: 25 Aug 2023 15:23

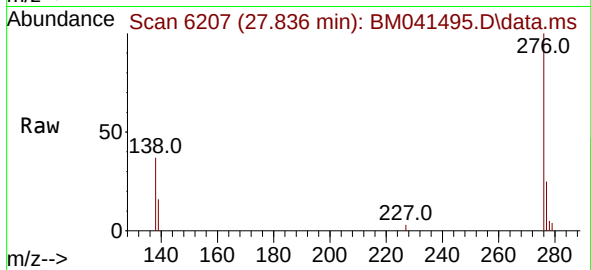
Tgt Ion:	276	Resp:	32572
Ion Ratio	Lower	Upper	
276	100		
138	27.7	27.8	41.6#
227	0.1	0.0	0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 27.836 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM041495.D
Acq: 25 Aug 2023 15:23

Instrument :
BNA_M
ClientSampleId :
EZYJ3



Tgt Ion:276 Resp: 35550
Ion Ratio Lower Upper
276 100
138 37.2 25.9 38.9
277 24.9 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

