

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041494.D
 Acq On : 25 Aug 2023 14:46
 Operator : MA/JU
 Sample : 04037-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ7

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 00:17:28 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	10599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31223	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.754	164	15797	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	29517	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.702	240	11619	0.400	ng/ul	# 0.00
23) Perylene-d12	24.272	264	12032	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	32499	2.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	7569	0.184	ng/ul	-0.01
18) Fluoranthene-d10	19.534	212	10206	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	23934	0.257	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	23324	0.417	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	11886	0.209	ng/ul	100
10) Acenaphthylene	14.481	152	3272	0.034	ng/ul#	59
11) Acenaphthene	14.814	153	61259	0.928	ng/ul	97
12) Fluorene	15.800	166	10446	0.141	ng/ul#	93
15) Phenanthrene	17.548	178	390979	3.608	ng/ul	99
16) Anthracene	17.641	178	38806	0.394	ng/ul	96
19) Fluoranthene	19.561	202	1025176	9.613	ng/ul	98
20) Pyrene	19.929	202	586309m	5.451	ng/ul	
21) Benzo(a)anthracene	21.685	228	334728	4.427	ng/ul	97
22) Chrysene	21.740	228	465226	5.694	ng/ul	97
24) Benzo(b)fluoranthene	23.477	252	713549	8.660	ng/ul	98
25) Benzo(k)fluoranthene	23.526	252	268160m	3.253	ng/ul	
26) Benzo(a)pyrene	24.158	252	459140	6.781	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.991	276	480561	5.681	ng/ul#	88
28) Dibenzo(a,h)anthracene	27.018	278	97681	1.509	ng/ul#	94
29) Benzo(g,h,i)perylene	27.840	276	470544	6.315	ng/ul	97

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

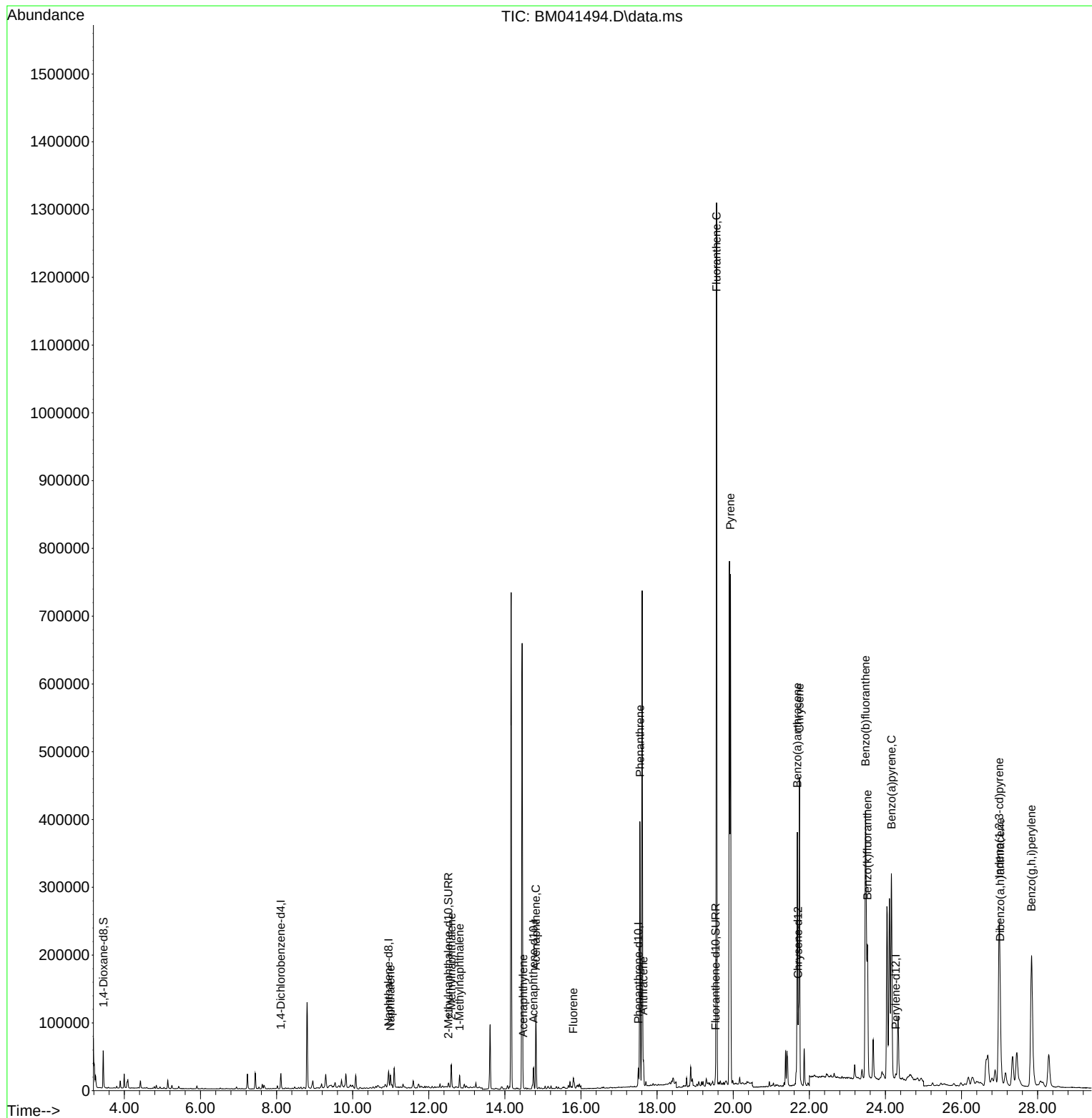
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041494.D
Acq On : 25 Aug 2023 14:46
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ALS Vial : 33 Sample Multiplier: 1

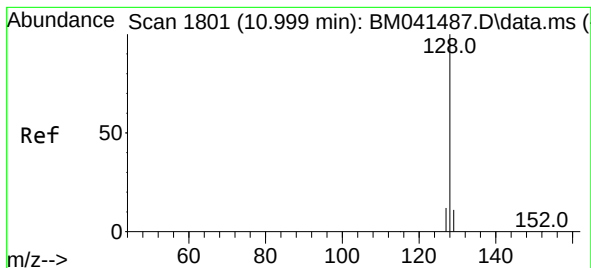
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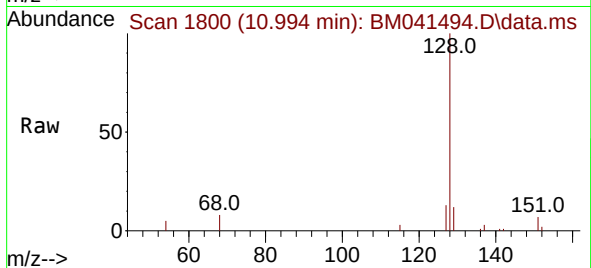
Quant Time: Aug 26 00:17:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.257 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

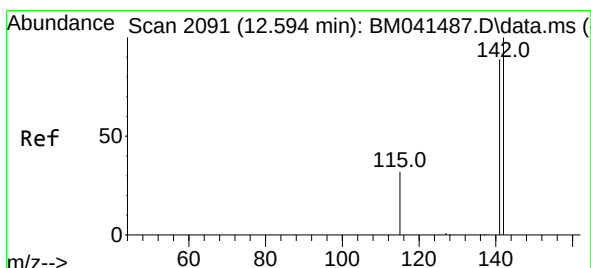
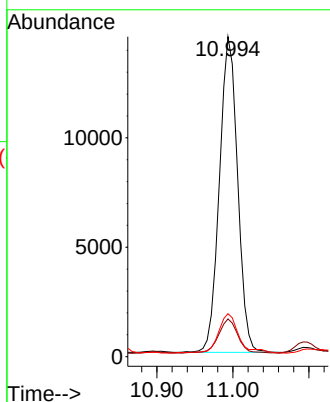
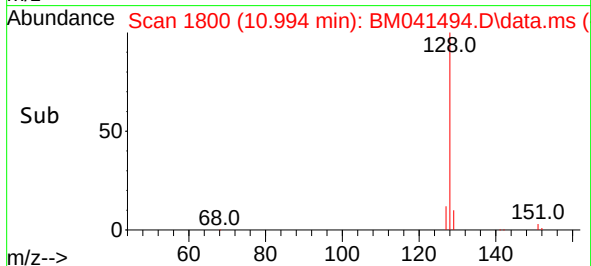
Instrument :
BNA_M
ClientSampleId :
EZYJ7



Tgt Ion:128 Resp: 23934
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.4 10.6 15.8

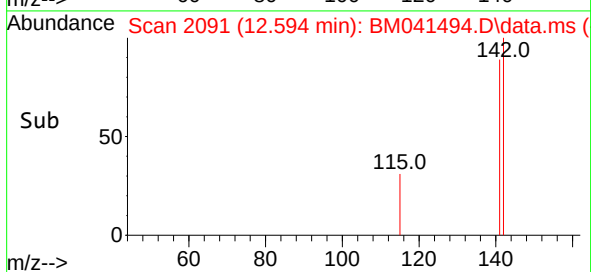
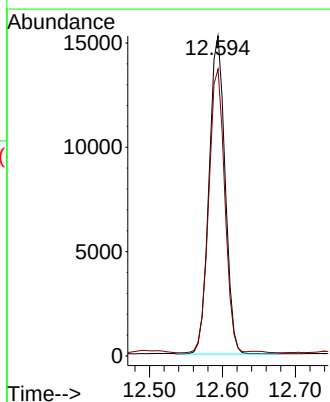
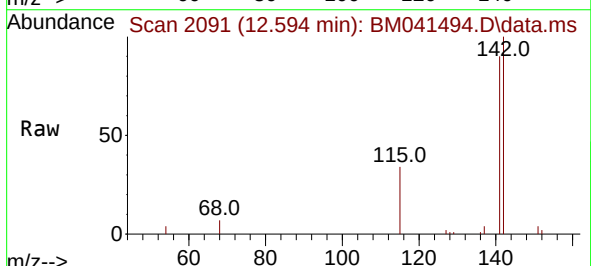
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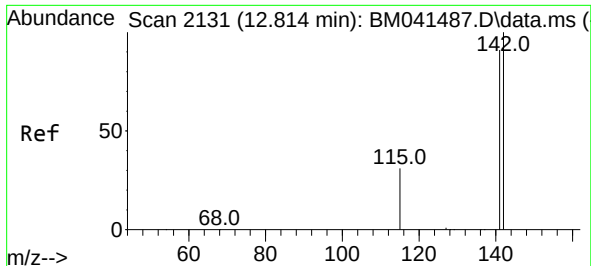
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

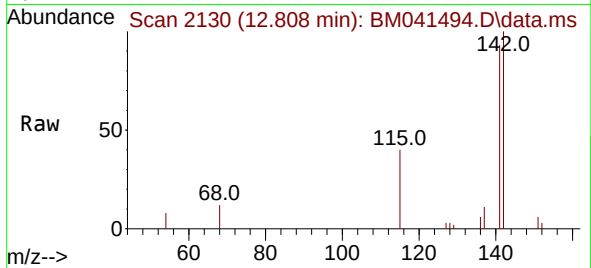
Tgt Ion:142 Resp: 23324
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.209 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

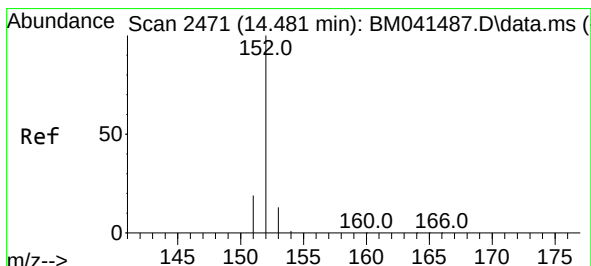
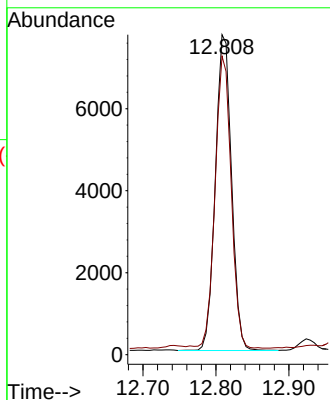
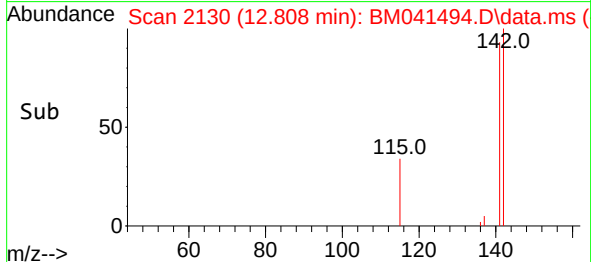
Instrument :
BNA_M
ClientSampleId :
EZYJ7



Tgt Ion:142 Resp: 1188
Ion Ratio Lower Upper
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141 92.0 73.4 110.2

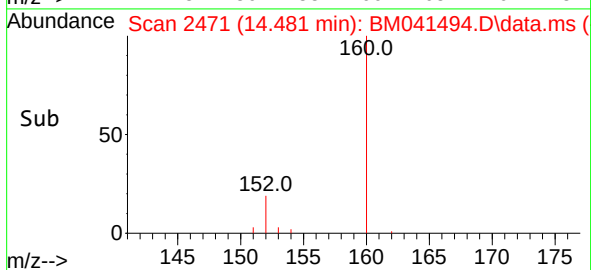
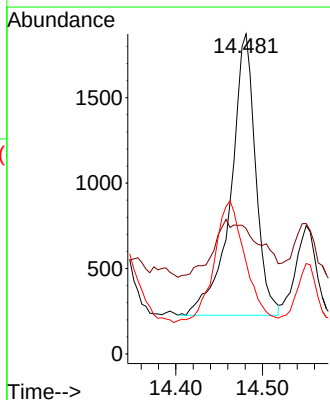
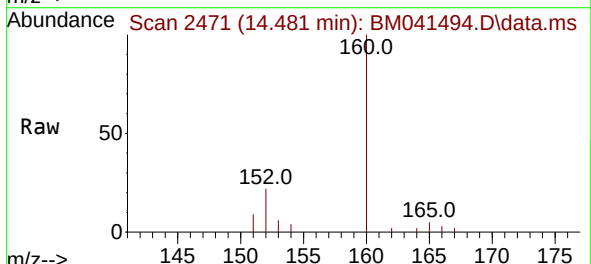
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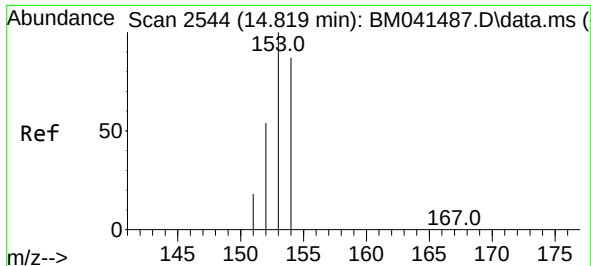
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.481 min Scan# 2471
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

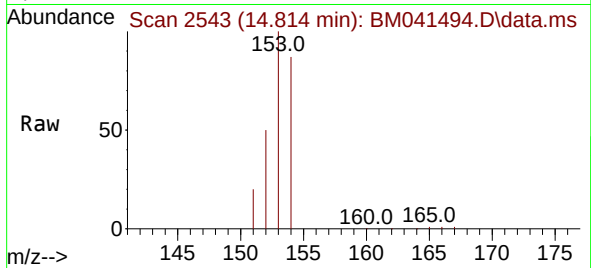
Tgt Ion:152 Resp: 3272
Ion Ratio Lower Upper
152 100
151 39.2 15.8 23.6#
153 28.8 10.6 15.8#





#11
Acenaphthene
Concen: 0.928 ng/ul
RT: 14.814 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

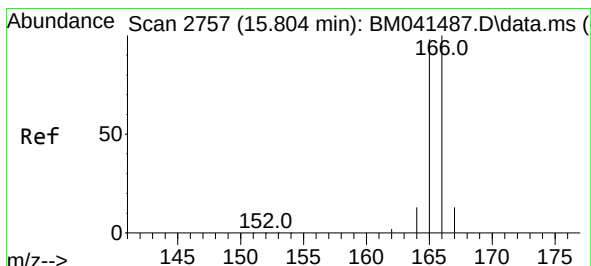
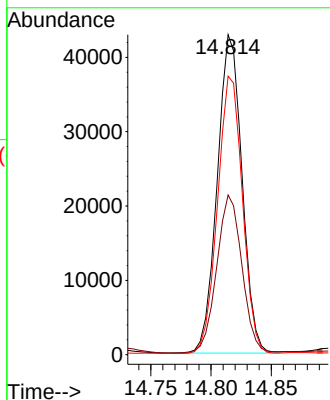
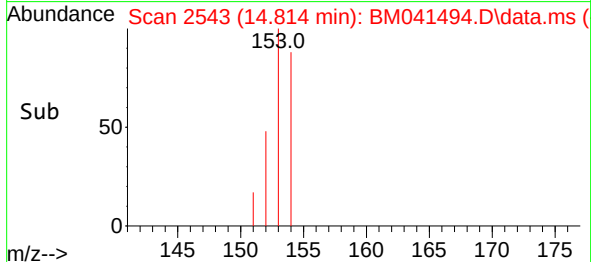
Instrument :
BNA_M
ClientSampleId :
EZYJ7



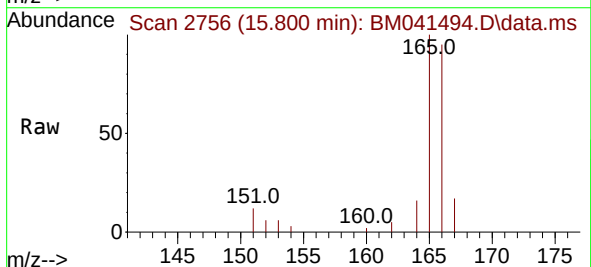
Tgt Ion:153 Resp: 61259
Ion Ratio Lower Upper
153 100
152 49.9 42.9 64.3
154 87.0 68.9 103.3

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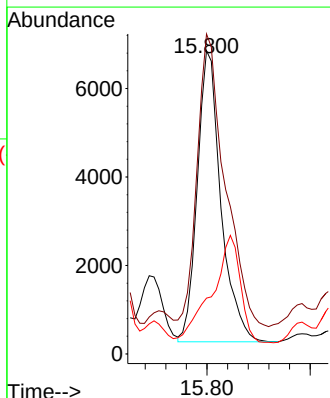
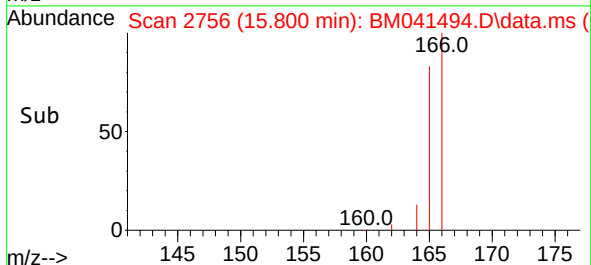
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

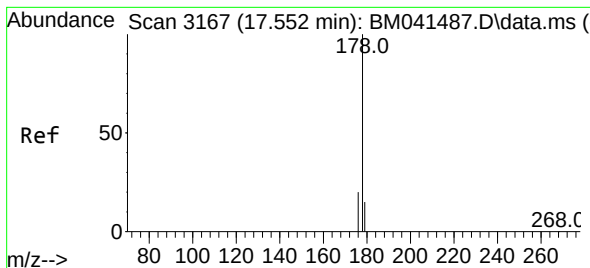


#12
Fluorene
Concen: 0.141 ng/ul
RT: 15.800 min Scan# 2756
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46



Tgt Ion:166 Resp: 10446
Ion Ratio Lower Upper
166 100
165 105.6 79.4 119.2
167 18.4 11.0 16.6#





#15

Phenanthrene

Concen: 3.608 ng/u1

RT: 17.548 min Scan# 3166

Delta R.T. -0.008 min

Lab File: BM041494.D

Acq: 25 Aug 2023 14:46

Instrument :

BNA_M

ClientSampleId :

EZYJ7

Tgt Ion:178 Resp: 390979

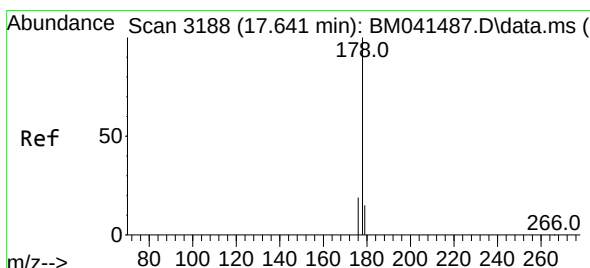
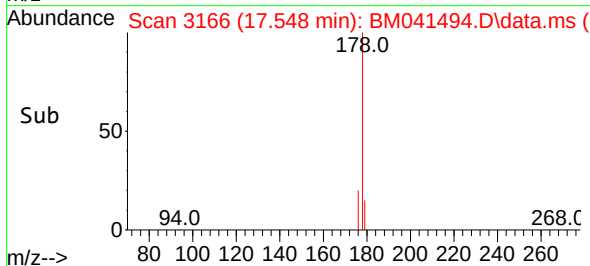
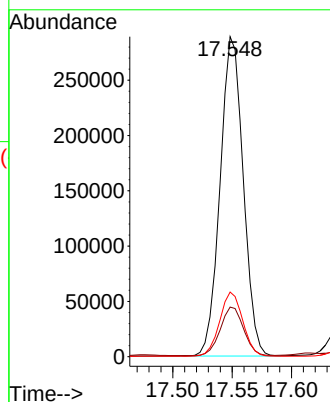
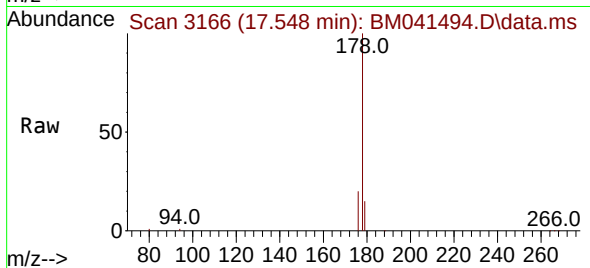
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	20.2	15.8	23.8

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#16

Anthracene

Concen: 0.394 ng/u1

RT: 17.641 min Scan# 3188

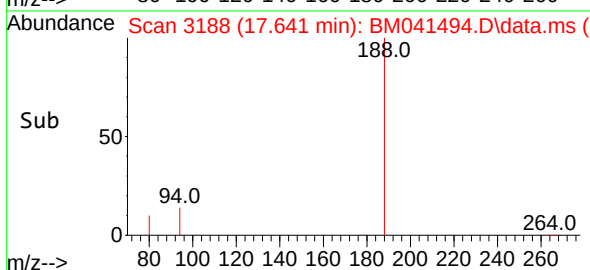
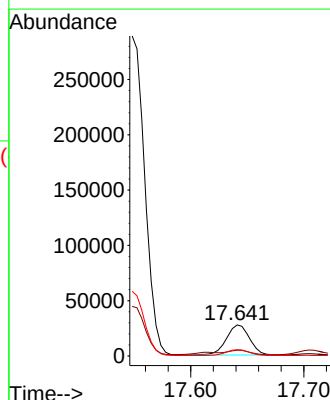
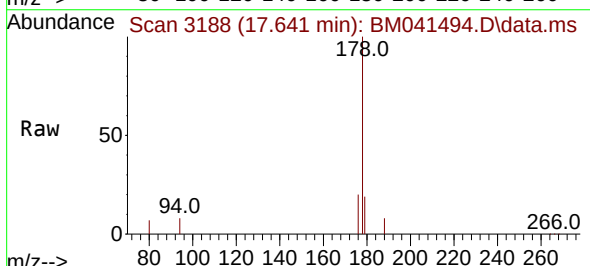
Delta R.T. -0.004 min

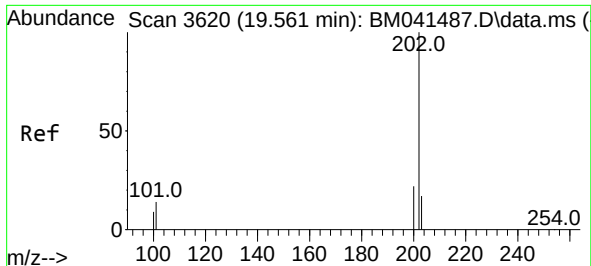
Lab File: BM041494.D

Acq: 25 Aug 2023 14:46

Tgt Ion:178 Resp: 38806

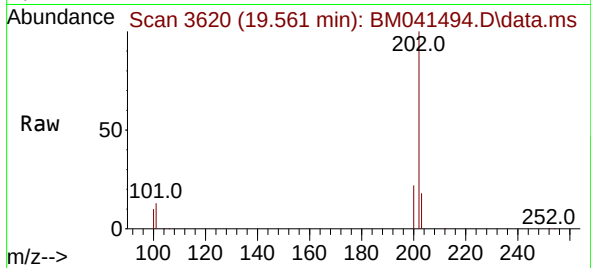
Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	18.8
176	20.4	15.5	23.3





#19
Fluoranthene
Concen: 9.613 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

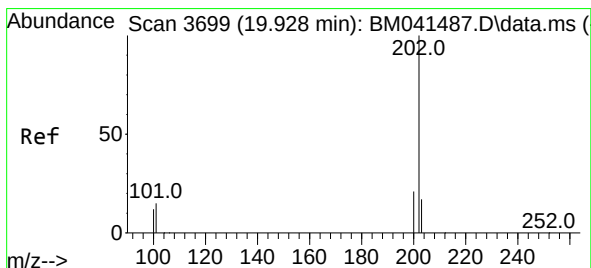
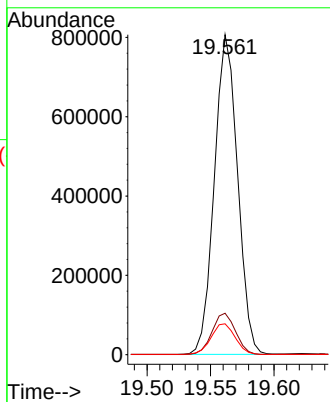
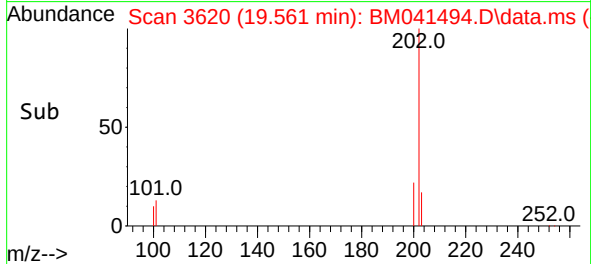
Instrument :
BNA_M
ClientSampleId :
EZYJ7



Tgt Ion:202 Resp: 1025170
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.6
100 9.6 7.9 11.9

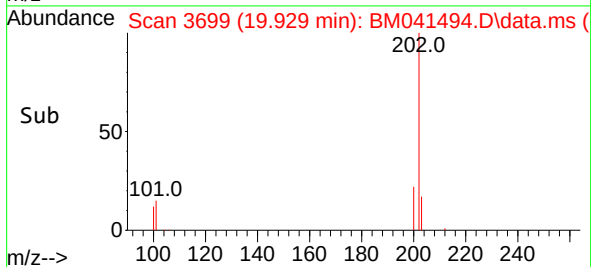
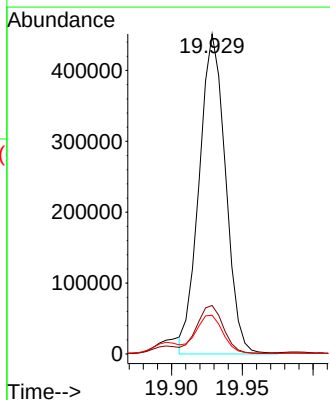
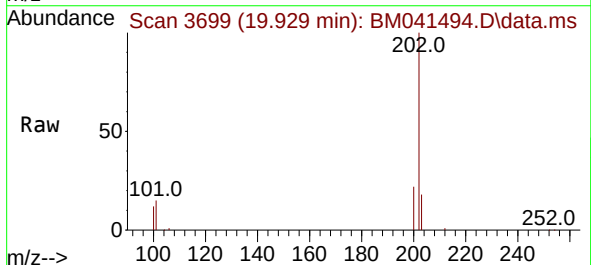
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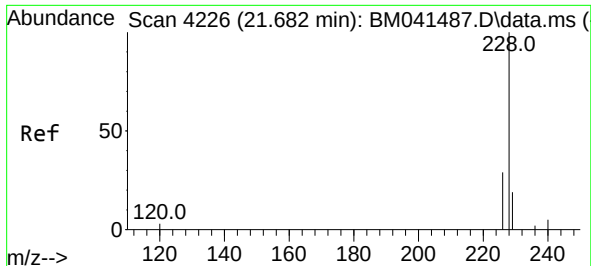
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#20
Pyrene
Concen: 5.451 ng/ul m
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

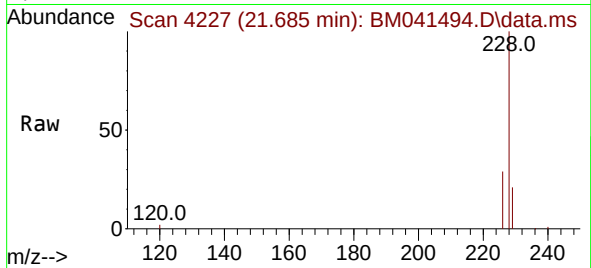
Tgt Ion:202 Resp: 586309
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 12.1 9.8 14.8





#21
Benzo(a)anthracene
Concen: 4.427 ng/ul
RT: 21.685 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

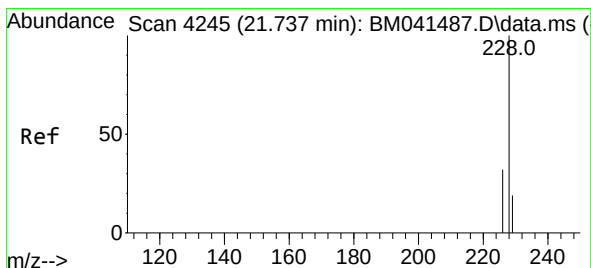
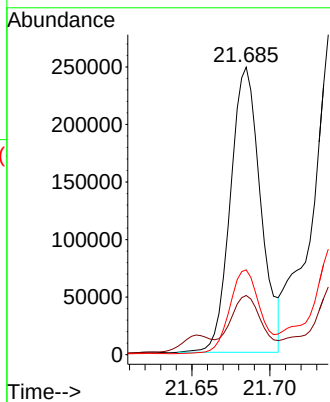
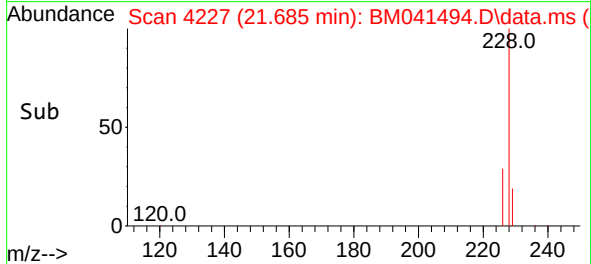
Instrument :
BNA_M
ClientSampleId :
EZYJ7



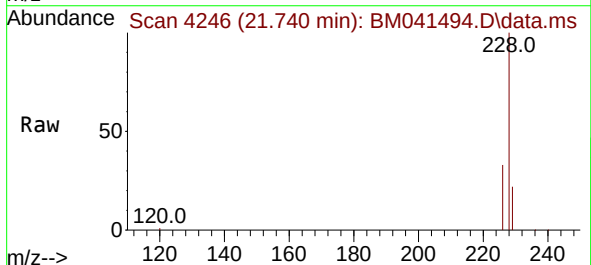
Tgt Ion:228 Resp: 334728
Ion Ratio Lower Upper
228 100
229 20.6 15.3 22.9
226 29.5 22.7 34.1

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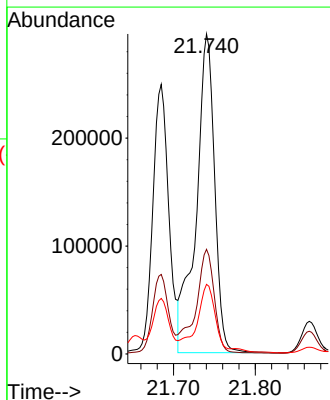
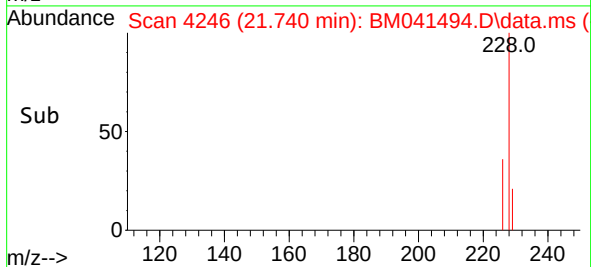
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

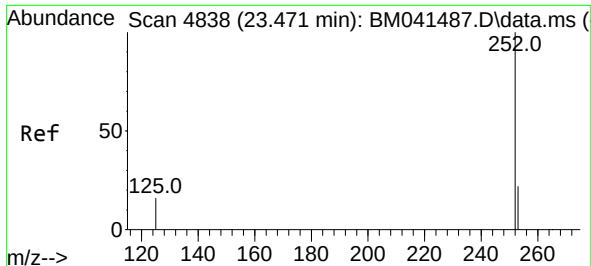


#22
Chrysene
Concen: 5.694 ng/ul
RT: 21.740 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46



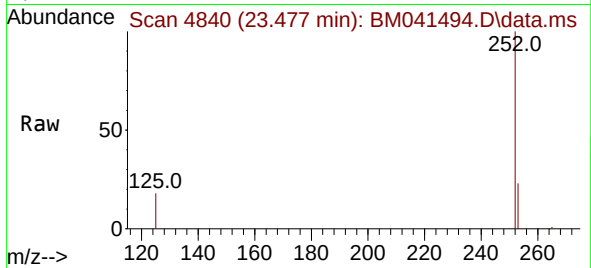
Tgt Ion:228 Resp: 465226
Ion Ratio Lower Upper
228 100
226 32.7 25.6 38.4
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.660 ng/ul
RT: 23.477 min Scan# 4838
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

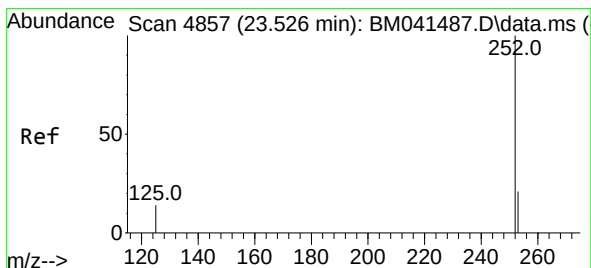
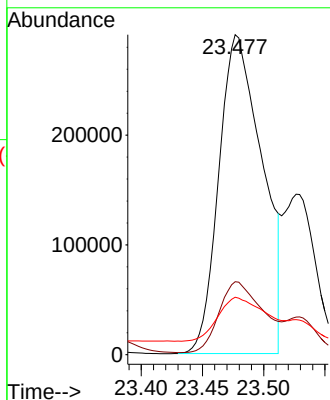
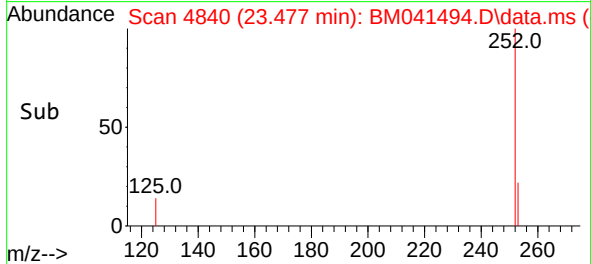
Instrument :
BNA_M
ClientSampleId :
EZYJ7



Tgt Ion:252 Resp: 713549
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 17.9 0.0 32.8

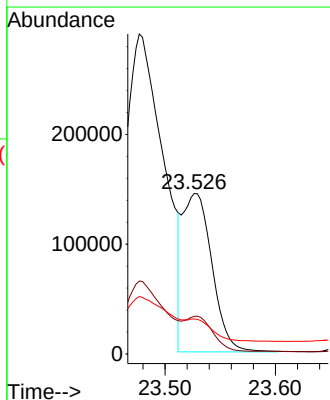
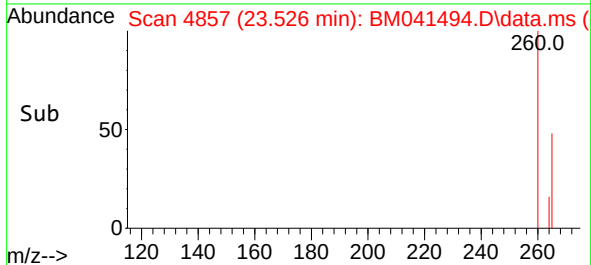
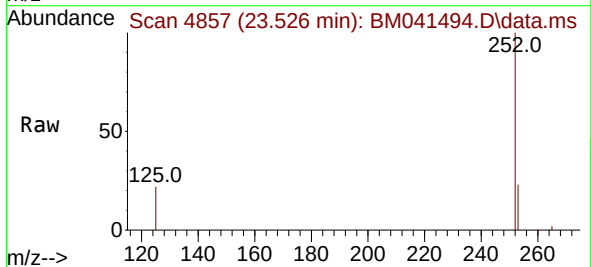
Manual Integrations
APPROVED

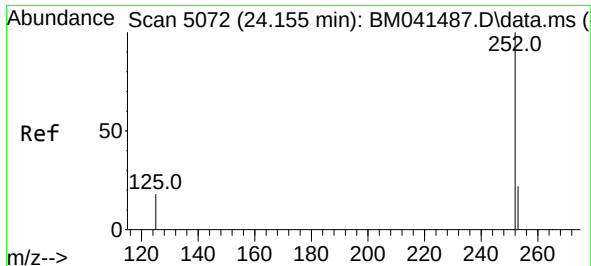
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 3.253 ng/ul m
RT: 23.526 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

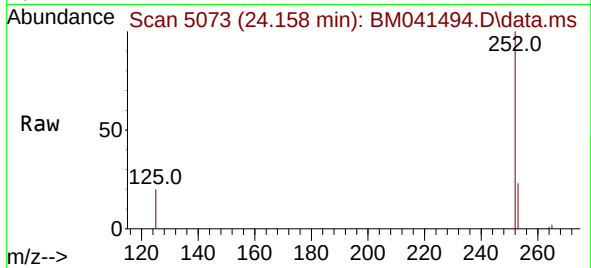
Tgt Ion:252 Resp: 268160
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 21.8 13.4 20.0#





#26
Benzo(a)pyrene
Concen: 6.781 ng/ul
RT: 24.158 min Scan# 5073
Delta R.T. -0.006 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

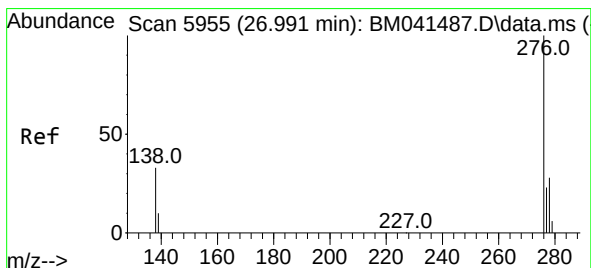
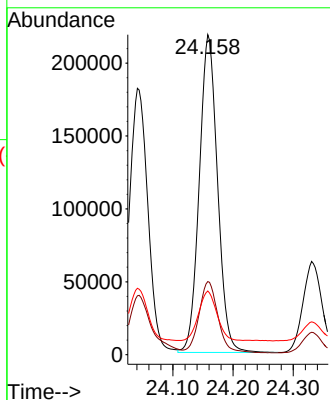
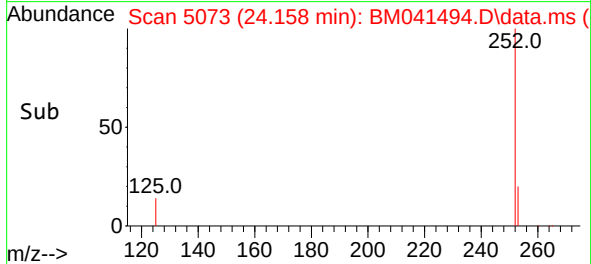
Instrument :
BNA_M
ClientSampleId :
EZYJ7



Tgt Ion:252 Resp: 459140
Ion Ratio Lower Upper
252 100
253 22.9 19.5 29.3
125 19.9 16.0 24.0

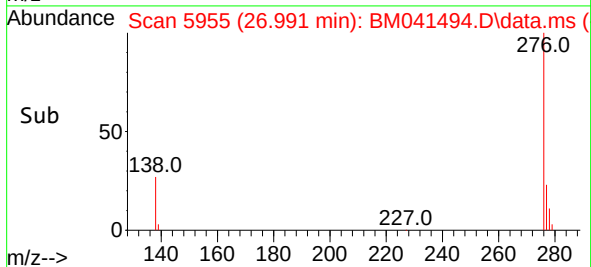
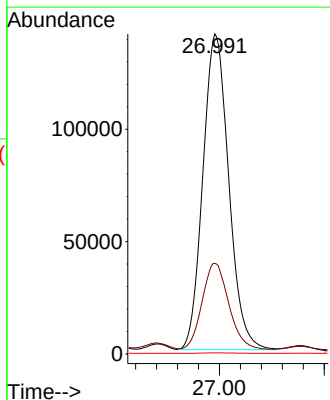
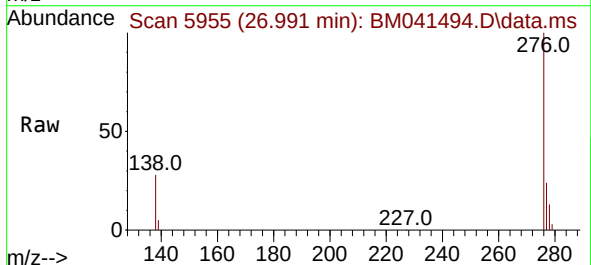
Manual Integrations
APPROVED

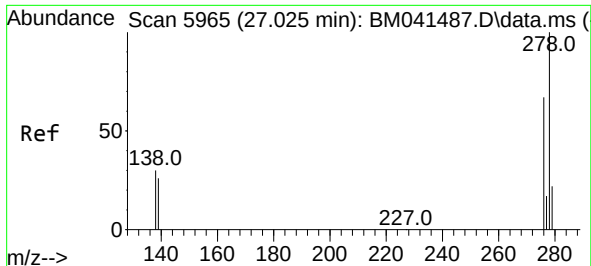
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.681 ng/ul
RT: 26.991 min Scan# 5955
Delta R.T. -0.013 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

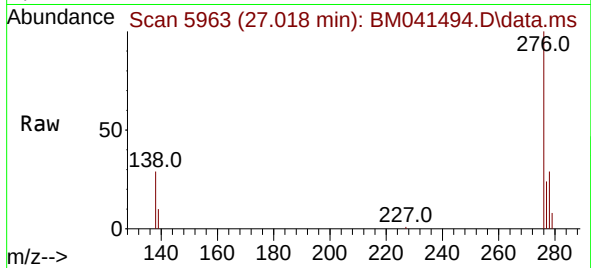
Tgt Ion:276 Resp: 480561
Ion Ratio Lower Upper
276 100
138 27.9 27.8 41.6
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.509 ng/ul
RT: 27.018 min Scan# 5965
Delta R.T. -0.027 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

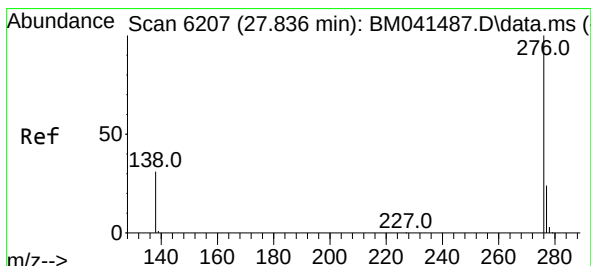
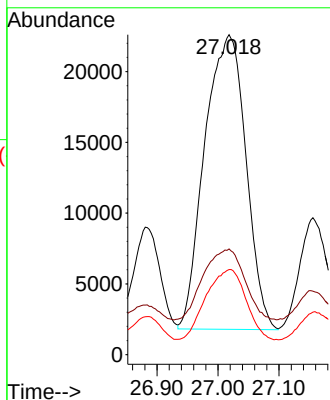
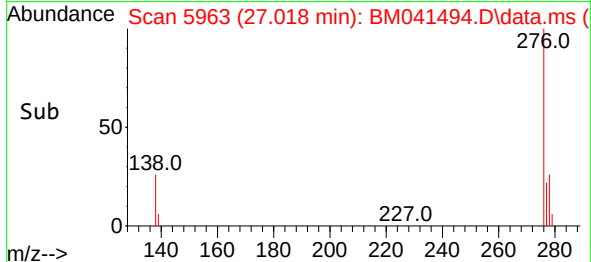
Instrument :
BNA_M
ClientSampleId :
EZYJ7



Tgt Ion:278 Resp: 9768
Ion Ratio Lower Upper
278 100
139 33.1 21.9 32.9
279 26.6 21.4 32.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 6.315 ng/ul
RT: 27.840 min Scan# 6208
Delta R.T. -0.013 min
Lab File: BM041494.D
Acq: 25 Aug 2023 14:46

Tgt Ion:276 Resp: 470544
Ion Ratio Lower Upper
276 100
138 29.6 25.9 38.9
277 23.7 19.4 29.2

