

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035767.D
 Acq On : 29 Jun 2022 18:53
 Operator : CG/JU
 Sample : N3374-03MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4S6MSDA

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 04:00:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	3219m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.589	136	11222354m	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	7155	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.161	188	11655	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.357	240	11709	0.400	ng/ul	#-0.02
23) Perylene-d12	23.677	264	12053	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1282	0.293	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.167	152	11677	0.001	ng/ul	-0.06
18) Fluoranthene-d10	19.196	212	11575	0.293	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	19313	4.470	ng/ul#	1
5) Naphthalene	10.617	128	59294	0.002	ng/ul	98
7) 2-Methylnaphthalene	12.244	142	11442	0.001	ng/ul	95
8) 1-Methylnaphthalene	12.459	142	14597	0.001	ng/ul	98
11) Acenaphthene	14.478	153	32398	1.121	ng/ul	98
12) Fluorene	15.468	166	12711	0.382	ng/ul#	94
14) Pentachlorophenol	16.840	266	1034	0.562	ng/ul	97
15) Phenanthrene	17.204	178	23014	0.545	ng/ul#	90
16) Anthracene	17.296	178	25309	0.721	ng/ul#	90
19) Fluoranthene	19.224	202	21604	0.368	ng/ul#	88
20) Pyrene	19.587	202	20900	0.318	ng/ul#	89
21) Benzo(a)anthracene	21.339	228	15497	0.383	ng/ul#	80
22) Chrysene	21.392	228	16831	0.323	ng/ul#	81
24) Benzo(b)fluoranthene	22.973	252	17333	0.336	ng/ul	68
25) Benzo(k)fluoranthene	23.017	252	16775	0.318	ng/ul#	67
26) Benzo(a)pyrene	23.575	252	16601	0.314	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.084	276	19885	0.346	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.088	278	16165	0.355	ng/ul#	70
29) Benzo(g,h,i)perylene	26.825	276	17387	0.328	ng/ul#	82

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

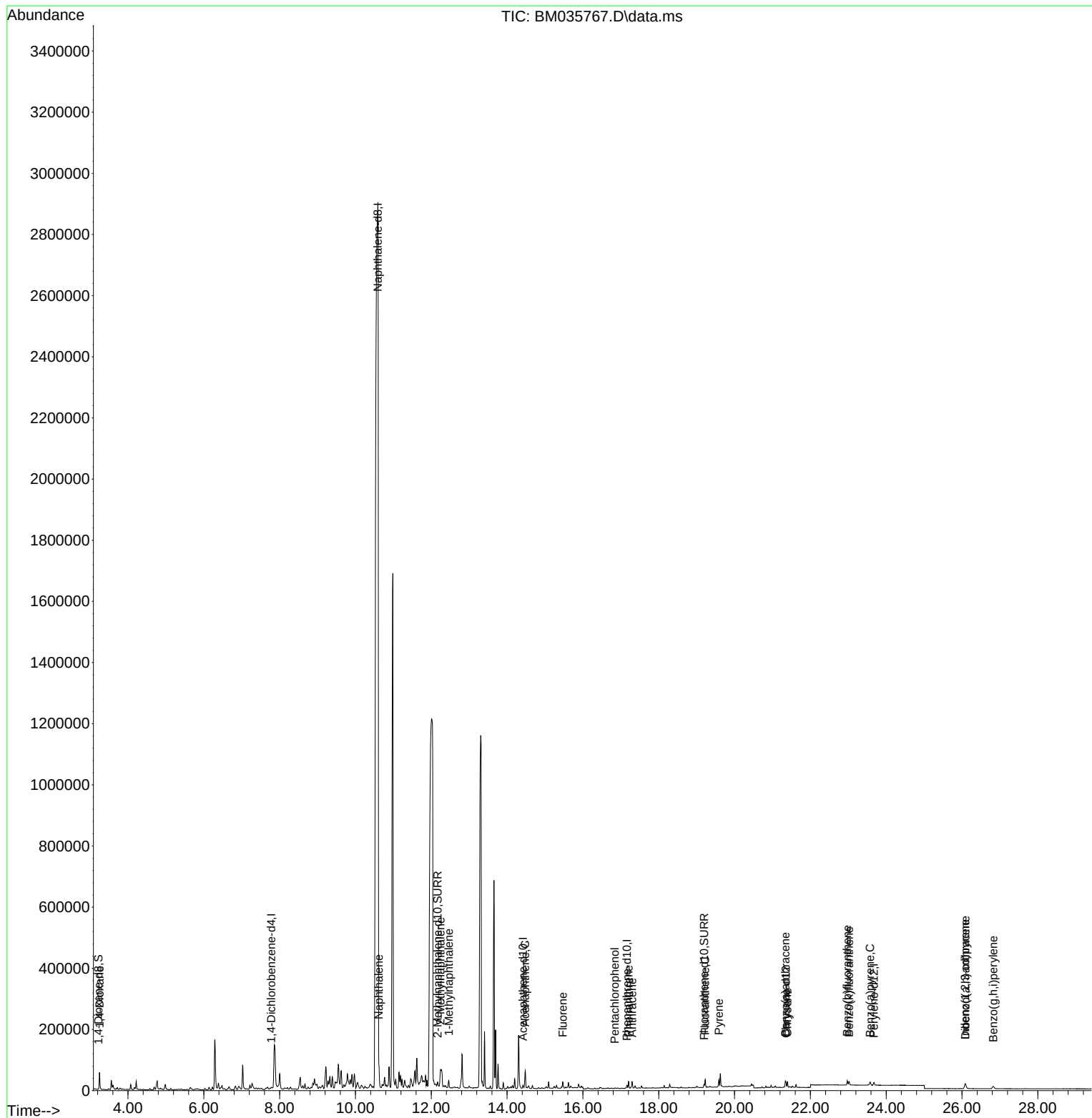
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035767.D
Acq On : 29 Jun 2022 18:53
Operator : CG/JU
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ALS Vial : 46 Sample Multiplier: 1

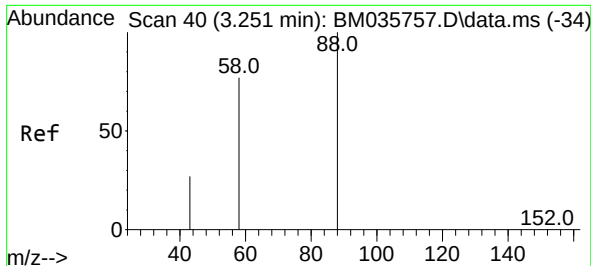
Instrument :
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Supervised By :mohammad ahmed 07/01/2022

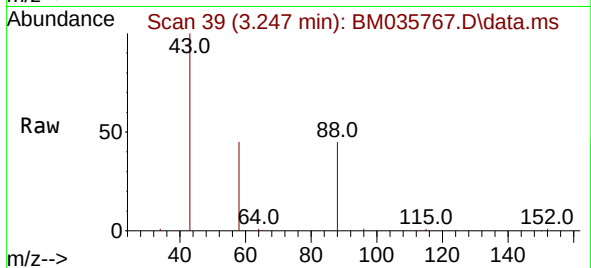
Quant Time: Jun 30 04:00:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:48:53 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 4.470 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

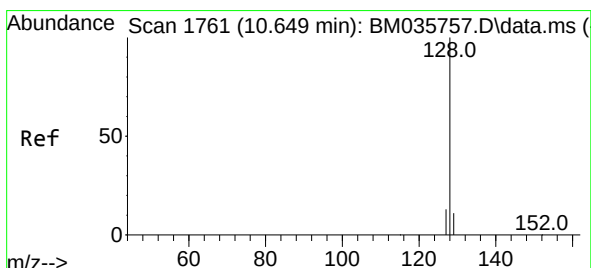
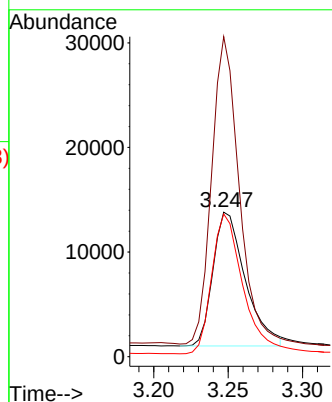
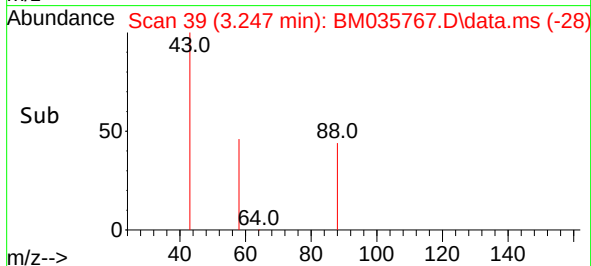
Instrument :
BNA_M
ClientSampleId :
EW4S6MSDA



Tgt Ion: 88 Resp: 1931
Ion Ratio Lower Upper
88 100
43 221.5 37.8 56.6
58 98.8 42.6 63.8

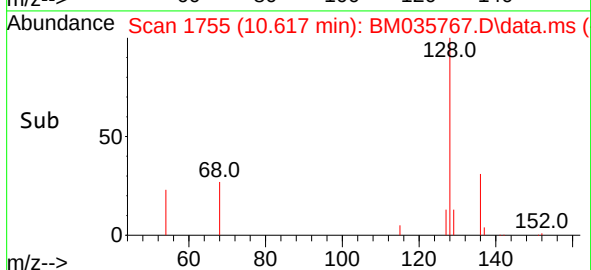
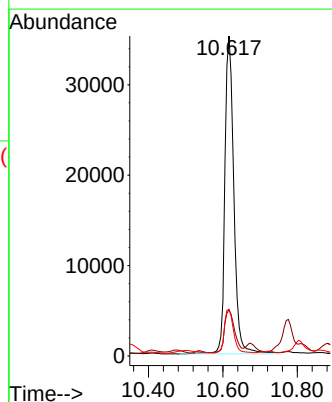
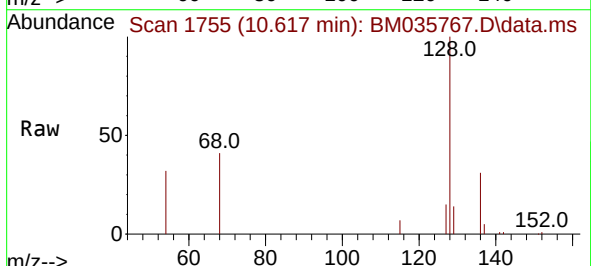
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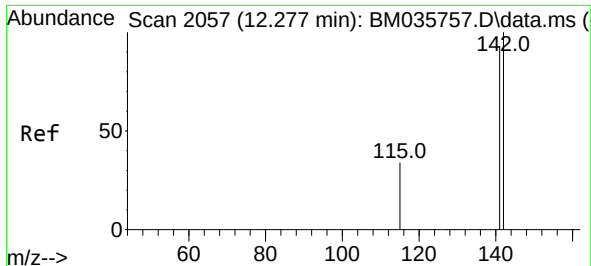
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. -0.055 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

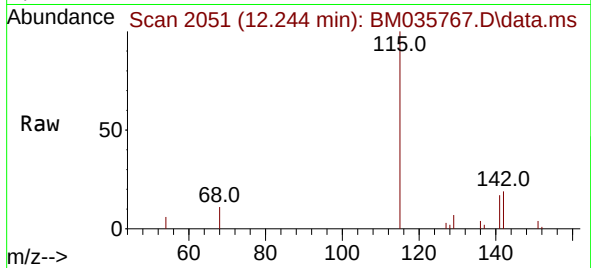
Tgt Ion:128 Resp: 59294
Ion Ratio Lower Upper
128 100
129 14.4 10.2 15.2
127 14.6 11.7 17.5





#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.055 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

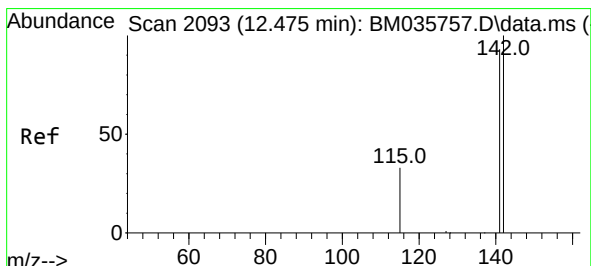
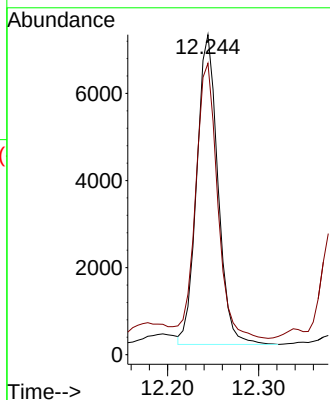
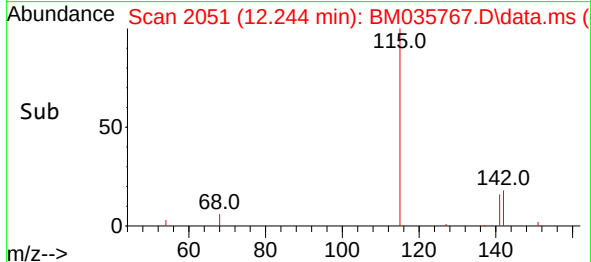
Instrument :
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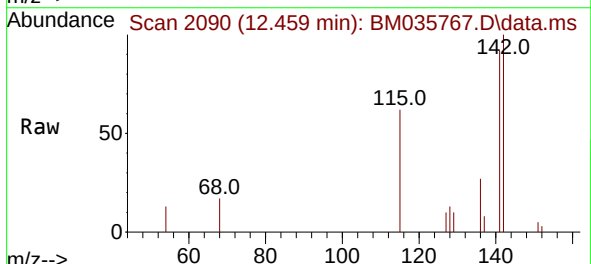
Tgt Ion:142 Resp: 1144
Ion Ratio Lower Upper
142 100
141 92.0 77.4 116.0

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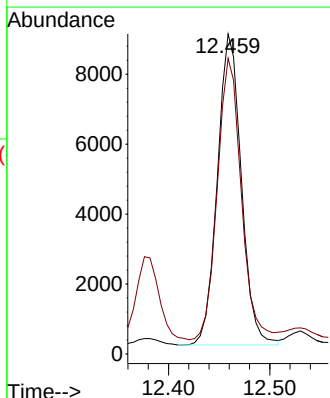
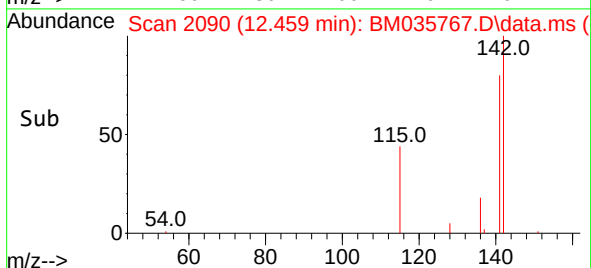
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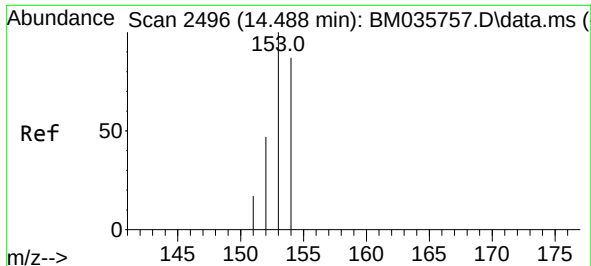


#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.033 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53



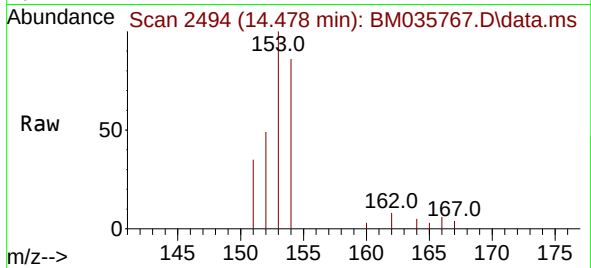
Tgt Ion:142 Resp: 14597
Ion Ratio Lower Upper
142 100
141 90.4 74.1 111.1





#11
Acenaphthene
Concen: 1.121 ng/ul
RT: 14.478 min Scan# 2496
Delta R.T. -0.019 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

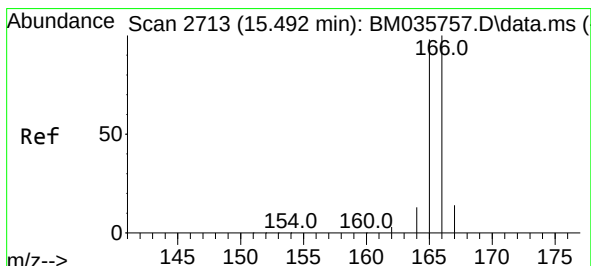
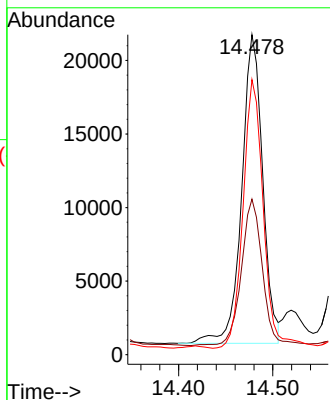
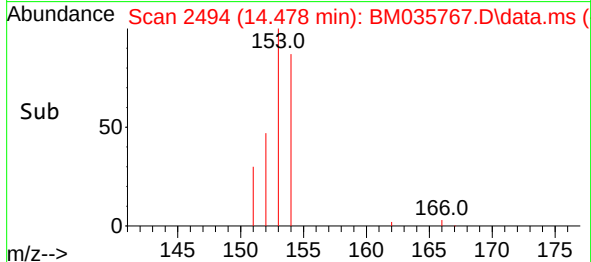
Instrument :
BNA_M
ClientSampleId :
EW4S6MSDA



Tgt Ion:153 Resp: 32398
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 86.0 69.7 104.5

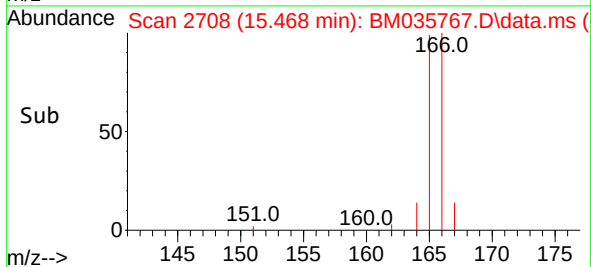
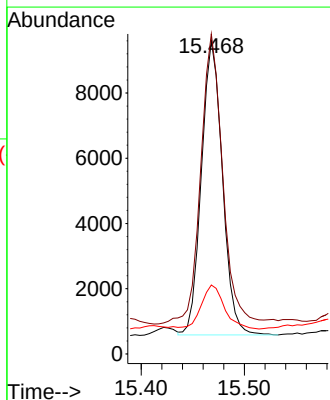
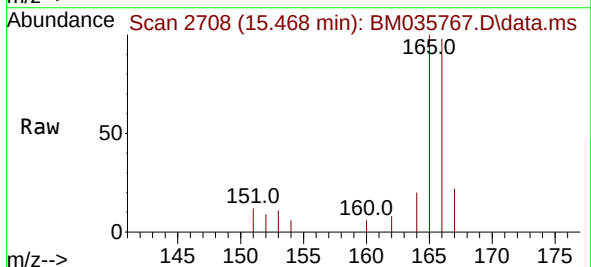
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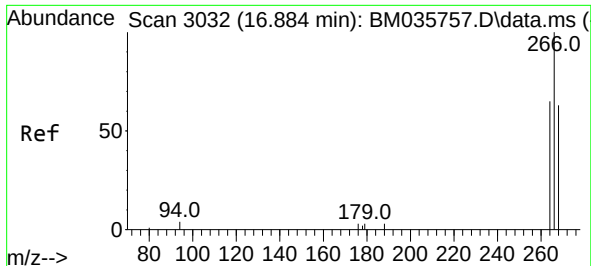
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Supervised By :mohammad ahmed 07/01/2022



#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.468 min Scan# 2708
Delta R.T. -0.038 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

Tgt Ion:166 Resp: 12711
Ion Ratio Lower Upper
166 100
165 102.2 78.9 118.3
167 22.0 11.3 16.9#





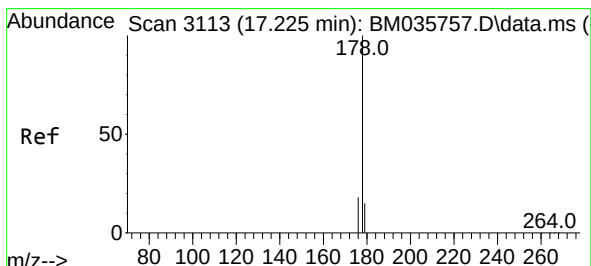
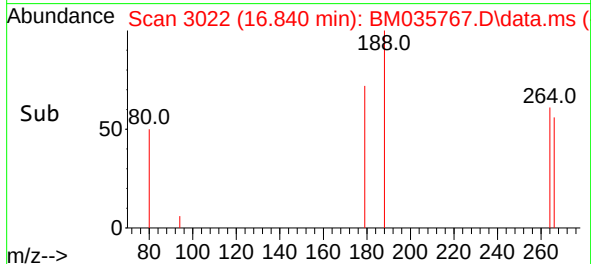
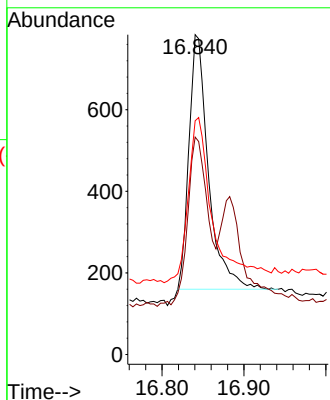
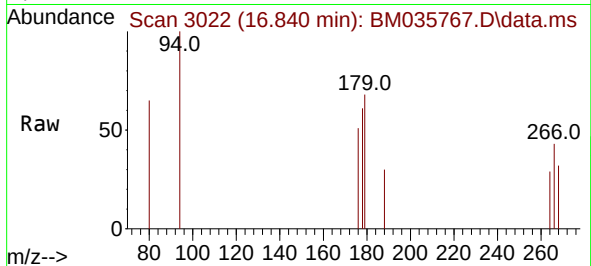
#14
Pentachlorophenol
Concen: 0.562 ng/ul
RT: 16.840 min Scan# 3108
Delta R.T. -0.056 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

Instrument :
BNA_M
ClientSampleId :
EW4S6MSDA

Tgt Ion:266 Resp: 1034
Ion Ratio Lower Upper
266 100
264 58.9 50.3 75.5
268 67.3 53.5 80.3

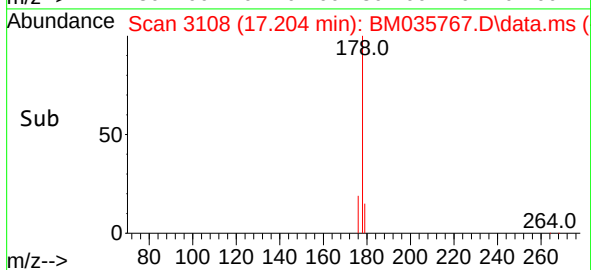
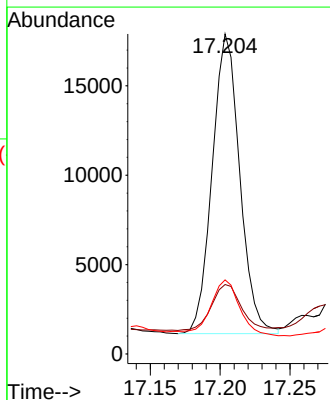
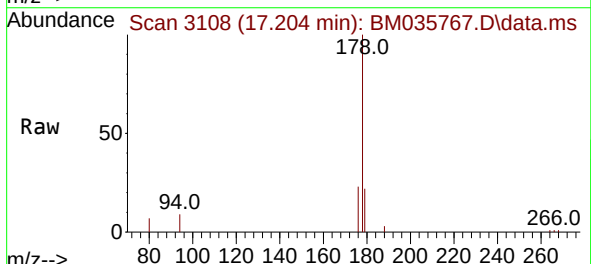
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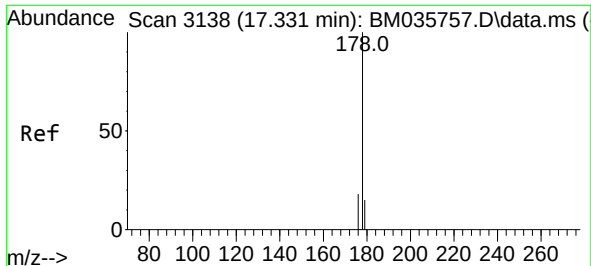
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#15
Phenanthrene
Concen: 0.545 ng/ul
RT: 17.204 min Scan# 3108
Delta R.T. -0.034 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

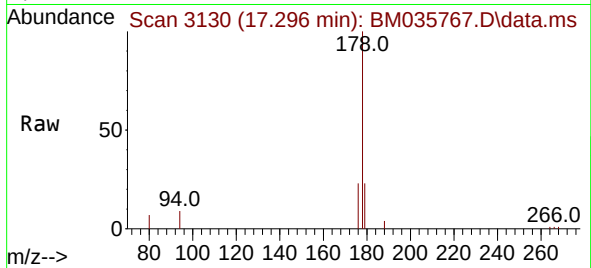
Tgt Ion:178 Resp: 23014
Ion Ratio Lower Upper
178 100
179 21.7 13.0 19.6#
176 23.2 15.6 23.4





#16
 Anthracene
 Concen: 0.721 ng/ul
 RT: 17.296 min Scan# 3130
 Delta R.T. -0.051 min
 Lab File: BM035767.D
 Acq: 29 Jun 2022 18:53

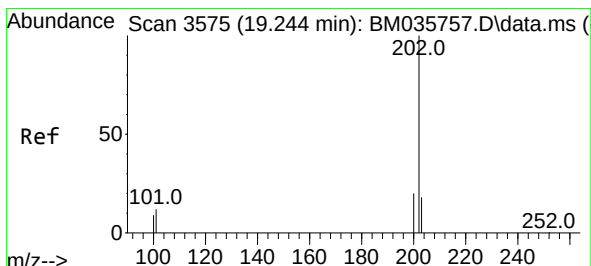
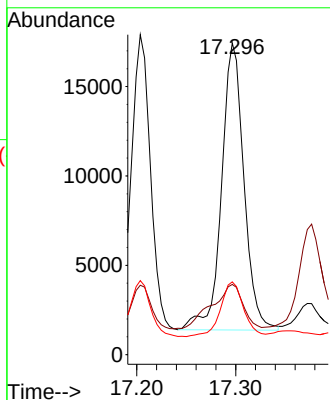
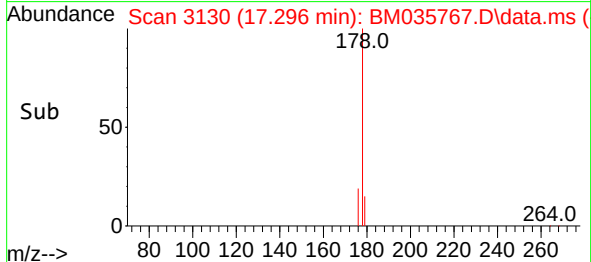
Instrument :
 BNA_M
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 EW4S6MSDA



Tgt Ion:178 Resp: 25309
 Ion Ratio Lower Upper
 178 100
 179 22.5 13.6 20.4#
 176 23.3 15.6 23.4#

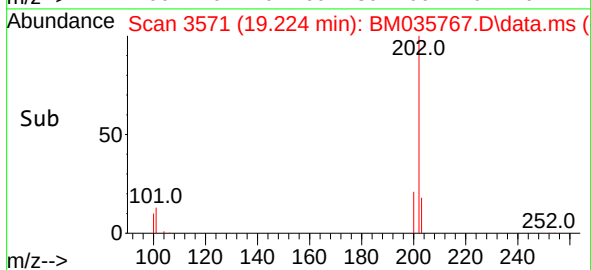
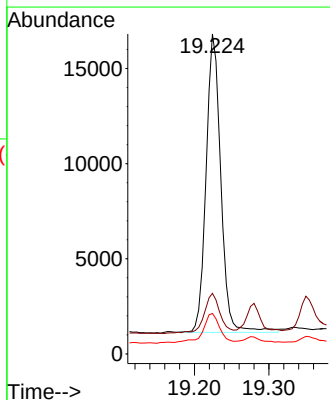
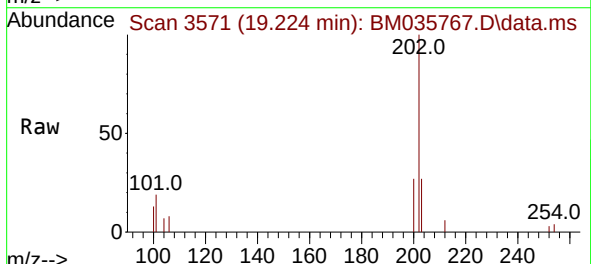
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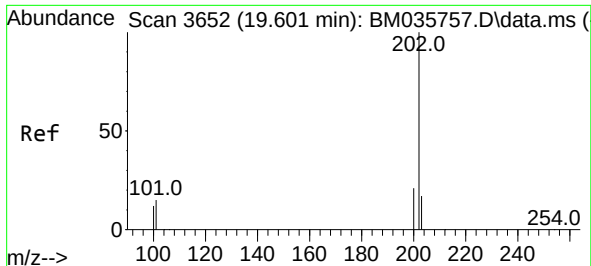
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022



#19
 Fluoranthene
 Concen: 0.368 ng/ul
 RT: 19.224 min Scan# 3571
 Delta R.T. -0.024 min
 Lab File: BM035767.D
 Acq: 29 Jun 2022 18:53

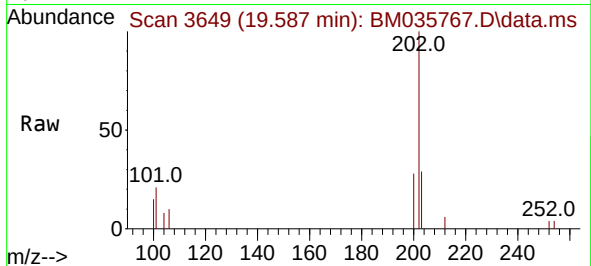
Tgt Ion:202 Resp: 21604
 Ion Ratio Lower Upper
 202 100
 101 19.0 10.1 15.1#
 100 12.7 7.9 11.9#





#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.587 min Scan# 3649
Delta R.T. -0.024 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

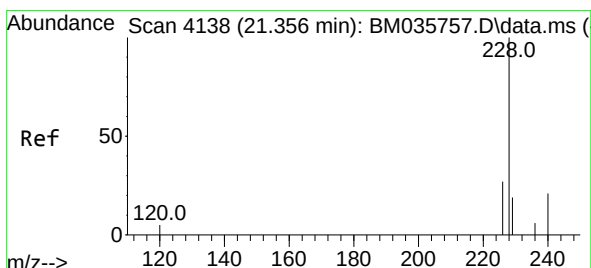
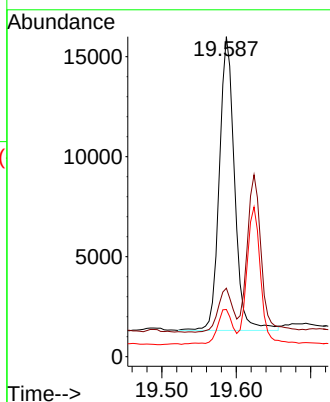
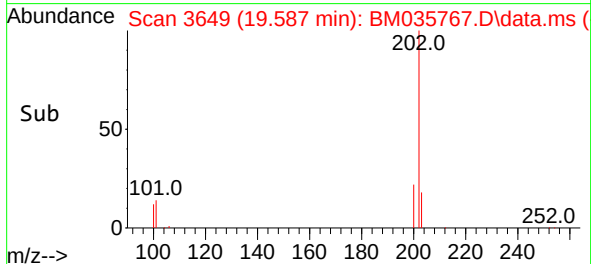
Instrument :
BNA_M
ClientSampleId :
EW4S6MSDA



Tgt Ion:202 Resp: 20900
Ion Ratio Lower Upper
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101 21.4 12.0 18.0#
100 14.8 9.8 14.6#

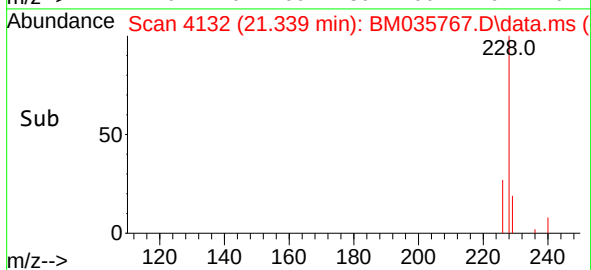
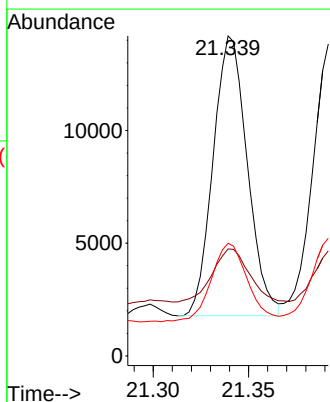
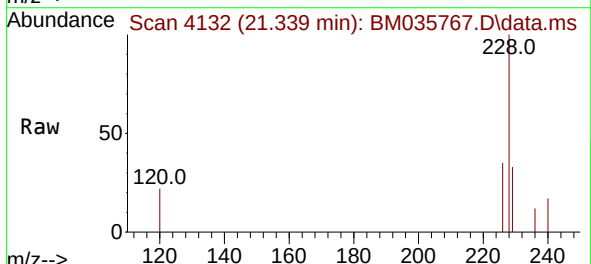
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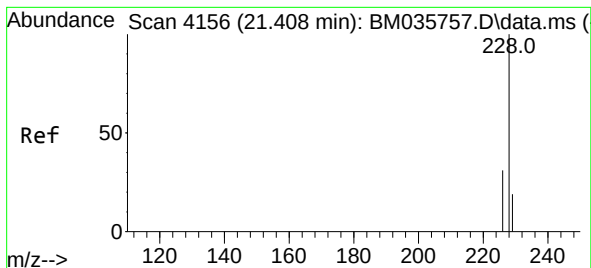
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.339 min Scan# 4132
Delta R.T. -0.022 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

Tgt Ion:228 Resp: 15497
Ion Ratio Lower Upper
228 100
229 33.4 16.2 24.2#
226 35.2 22.5 33.7#





#22

Chrysene

Concen: 0.323 ng/ul

RT: 21.392 min Scan# 4156

Delta R.T. -0.016 min

Lab File: BM035767.D

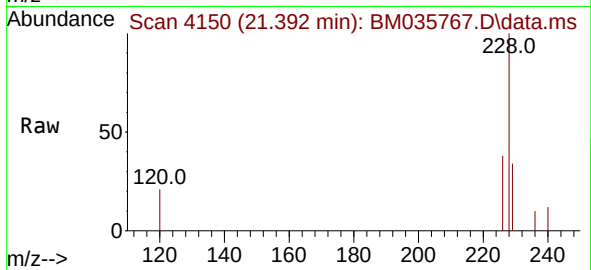
Acq: 29 Jun 2022 18:53

Instrument :

BNA_M

ClientSampleId :

EW4S6MSDA



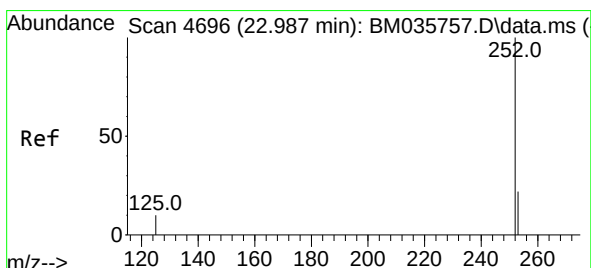
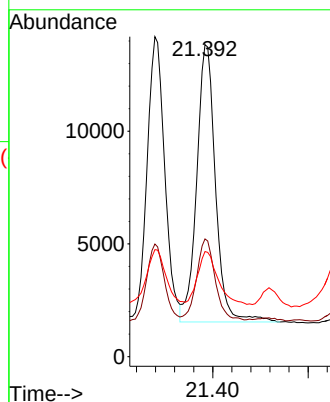
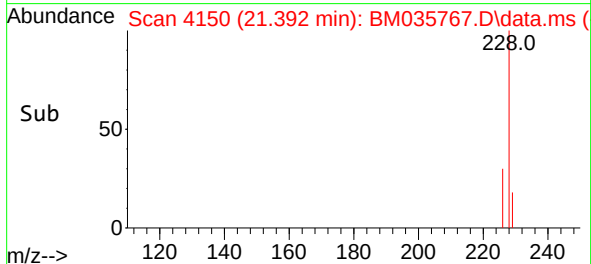
Tgt Ion:228 Resp: 1683

Ion	Ratio	Lower	Upper
228	100		
226	37.7	24.6	37.0
229	33.7	16.4	24.6

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.336 ng/ul

RT: 22.973 min Scan# 4691

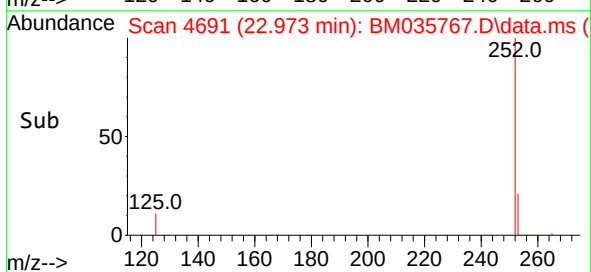
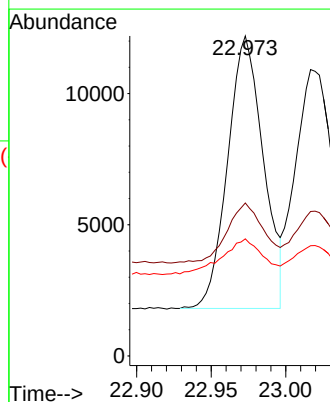
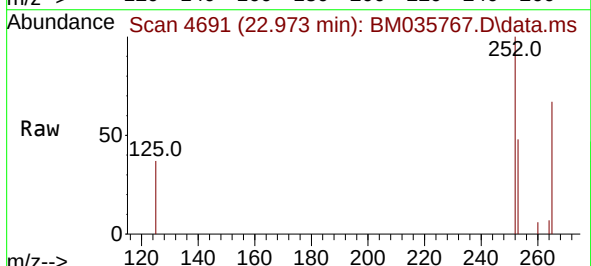
Delta R.T. -0.016 min

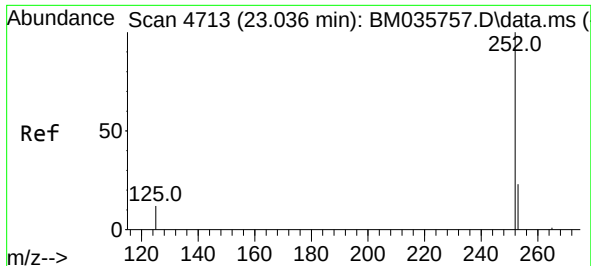
Lab File: BM035767.D

Acq: 29 Jun 2022 18:53

Tgt Ion:252 Resp: 17333

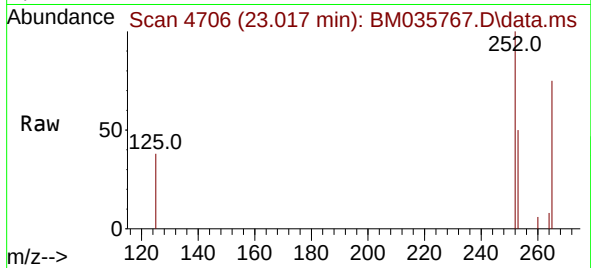
Ion	Ratio	Lower	Upper
252	100		
253	47.8	0.0	61.4
125	36.6	0.0	42.6





#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 23.017 min Scan# 4706
Delta R.T. -0.022 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

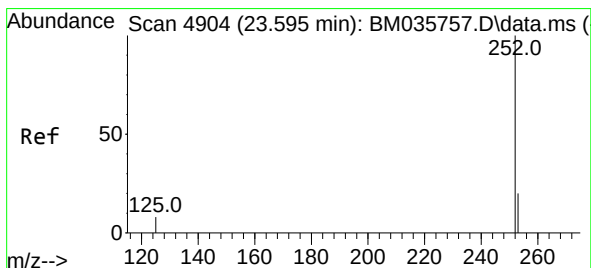
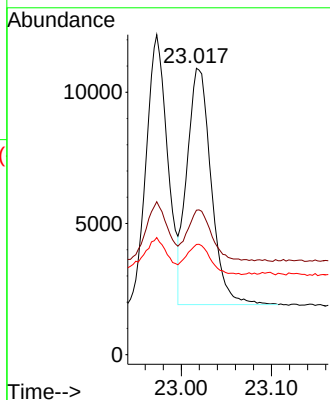
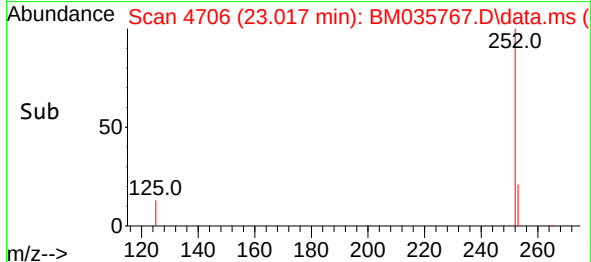
Instrument :
BNA_M
ClientSampleId :
EW4S6MSDA



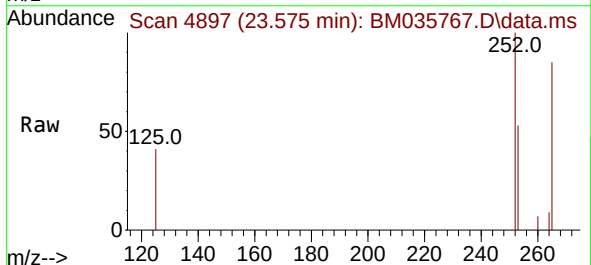
Tgt Ion:252 Resp: 16775
Ion Ratio Lower Upper
252 100
253 50.4 25.2 37.8#
125 38.5 18.3 27.5#

Manual Integrations
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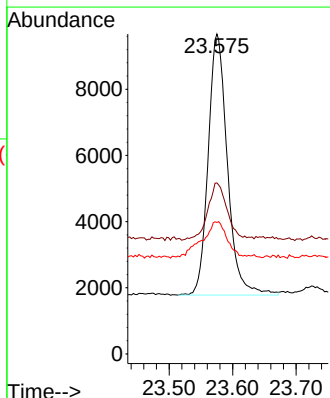
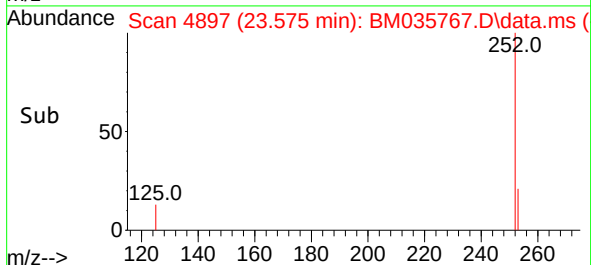
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

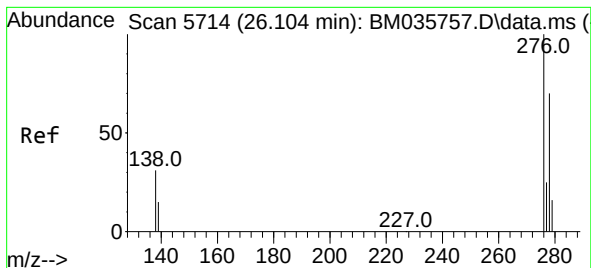


#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 23.575 min Scan# 4897
Delta R.T. -0.025 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53



Tgt Ion:252 Resp: 16601
Ion Ratio Lower Upper
252 100
253 53.5 29.7 44.5#
125 41.1 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.346 ng/ul

RT: 26.084 min Scan# 5708

Delta R.T. -0.023 min

Lab File: BM035767.D

Acq: 29 Jun 2022 18:53

Instrument :

BNA_M

ClientSampleId :

EW4S6MSDA

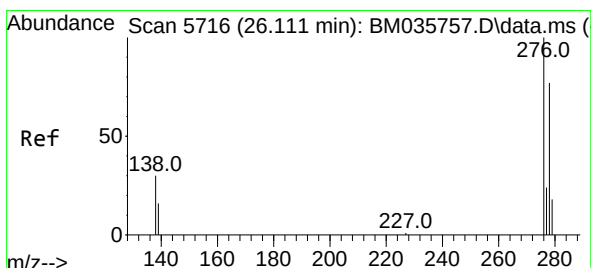
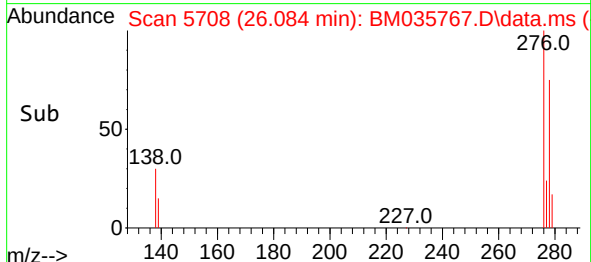
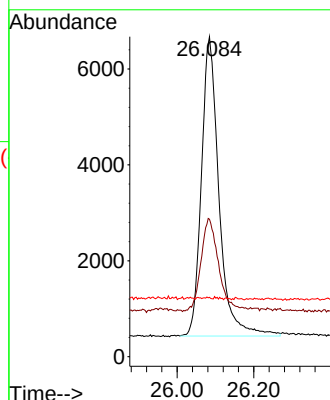
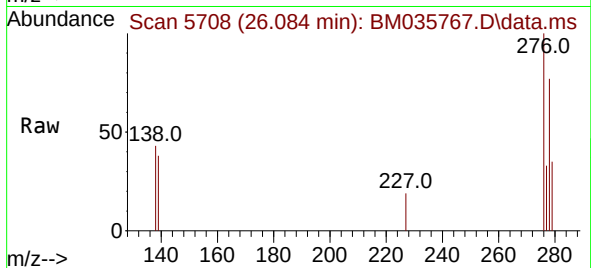
Tgt Ion: 276 Resp: 1988

Ion	Ratio	Lower	Upper
276	100		
138	31.4	23.9	35.9
227	0.2	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.355 ng/ul

RT: 26.088 min Scan# 5709

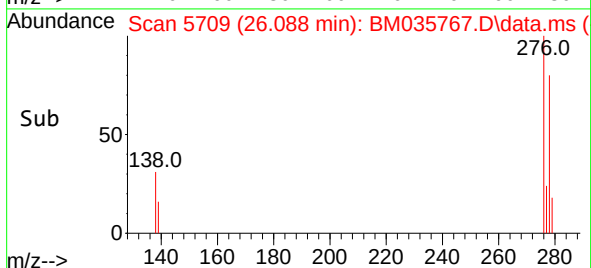
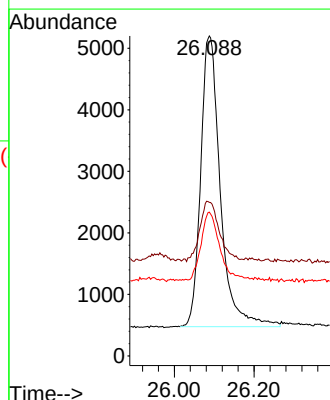
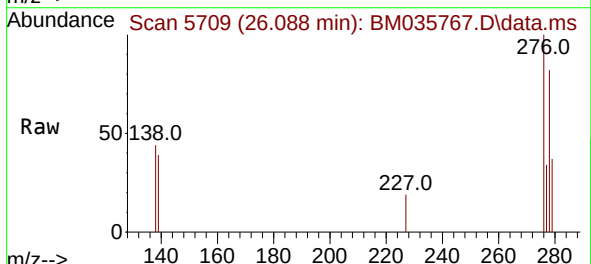
Delta R.T. -0.036 min

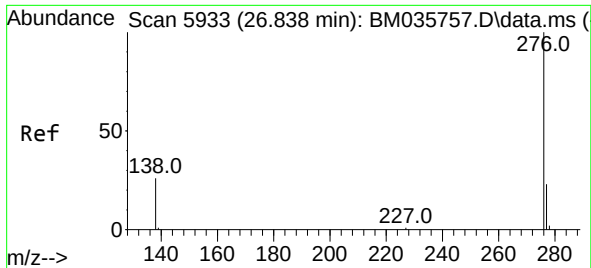
Lab File: BM035767.D

Acq: 29 Jun 2022 18:53

Tgt Ion: 278 Resp: 16165

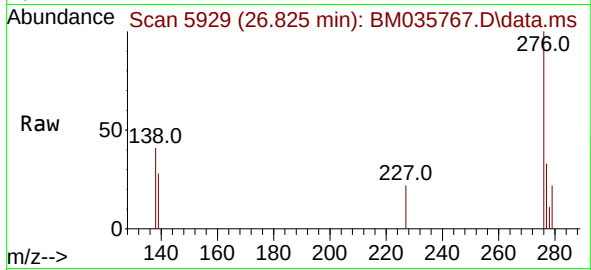
Ion	Ratio	Lower	Upper
278	100		
139	48.0	19.8	29.6
279	44.9	27.7	41.5





#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 26.825 min Scan# 5929
Delta R.T. -0.020 min
Lab File: BM035767.D
Acq: 29 Jun 2022 18:53

Instrument :
BNA_M
ClientSampleId :
EW4S6MSDA



Tgt Ion:276 Resp: 1738
Ion Ratio Lower Upper
276 100
138 41.1 23.4 35.0
277 33.2 21.0 31.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

