

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040621.D
 Acq On : 04 Jul 2023 20:54
 Operator : MA/JU
 Sample : 03246-14DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGK1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 02:42:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	9254	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	34392	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	15798	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	30252	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	17926	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	17180	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	8493	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2327	0.048	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	3424	0.060	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	12621	0.133	ng/ul	97
7) 2-Methylnaphthalene	12.384	142	4486	0.081	ng/ul	96
8) 1-Methylnaphthalene	12.604	142	2656	0.048	ng/ul	97
10) Acenaphthylene	14.281	152	31785	0.450	ng/ul	100
11) Acenaphthene	14.619	153	3090	0.052	ng/ul	96
12) Fluorene	15.609	166	2671	0.042	ng/ul#	96
15) Phenanthrene	17.349	178	52716	0.561	ng/ul	99
16) Anthracene	17.442	178	20792	0.263	ng/ul	99
19) Fluoranthene	19.366	202	148966	1.956	ng/ul	96
20) Pyrene	19.728	202	120517	1.476	ng/ul	98
21) Benzo(a)anthracene	21.474	228	74006	1.221	ng/ul	96
22) Chrysene	21.526	228	56338	0.815	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	120823	1.817	ng/ul	91
25) Benzo(k)fluoranthene	23.204	252	34940m	0.533	ng/ul	
26) Benzo(a)pyrene	23.789	252	69043	1.153	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.390	276	69166	0.829	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.400	278	15654	0.240	ng/ul#	89
29) Benzo(g,h,i)perylene	27.158	276	63172	0.864	ng/ul	96

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

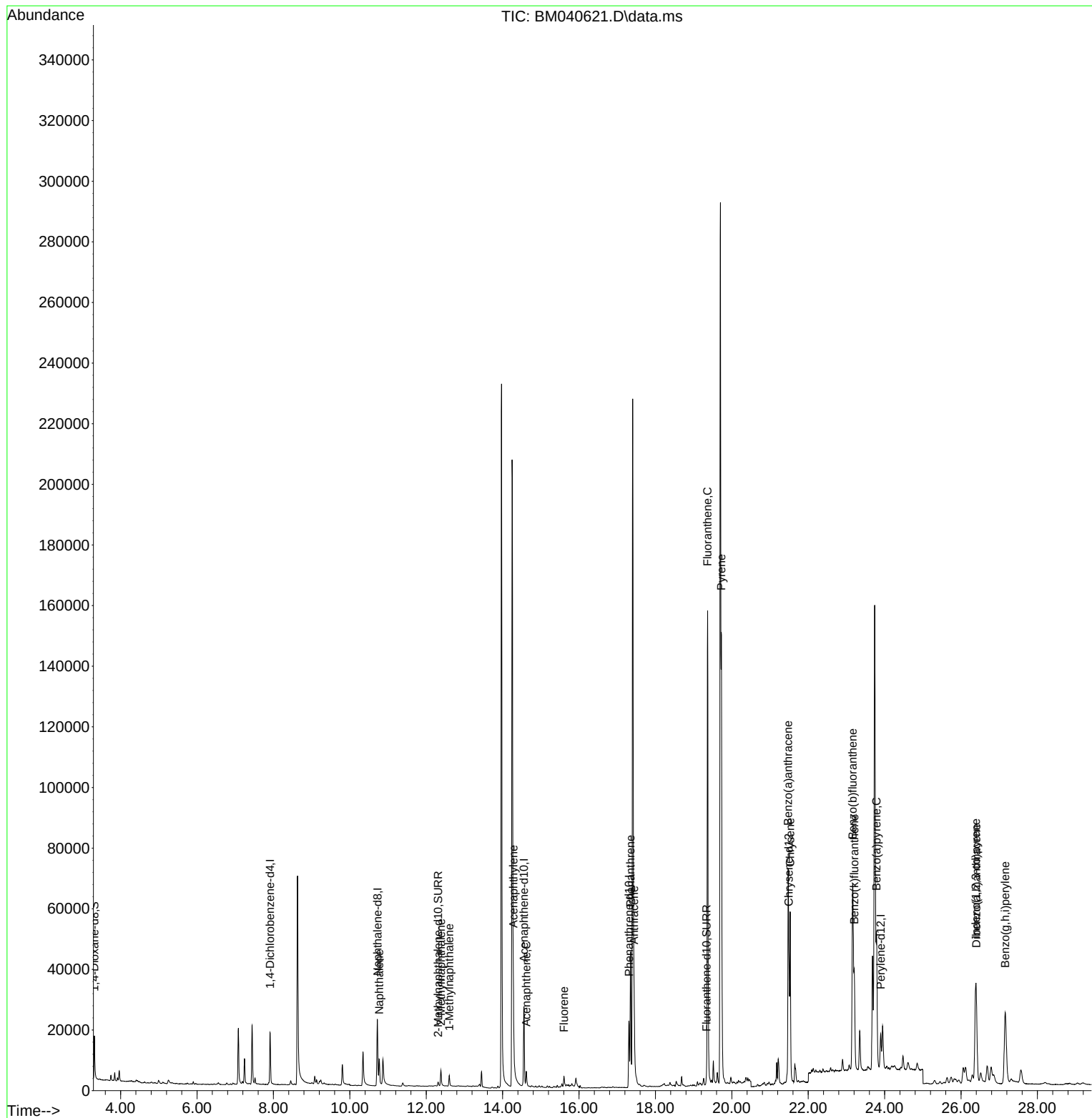
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040621.D
Acq On : 04 Jul 2023 20:54
Operator : MA/JU
Sample : 03246-14DL 5X
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ALS Vial : 58 Sample Multiplier: 1

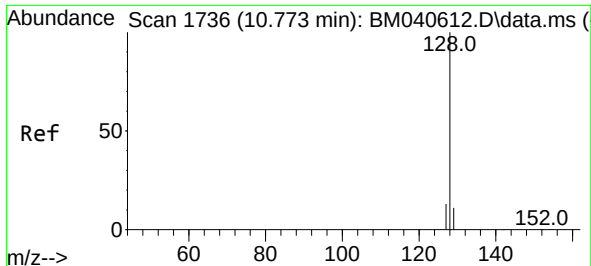
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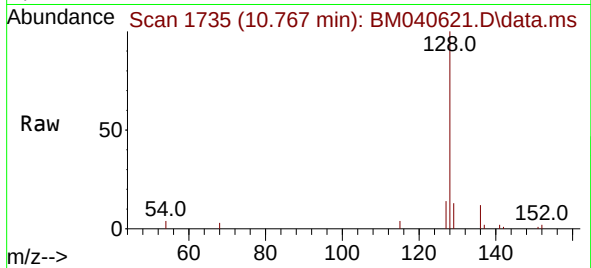
Quant Time: Jul 05 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

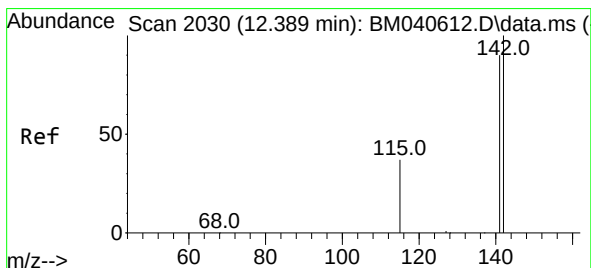
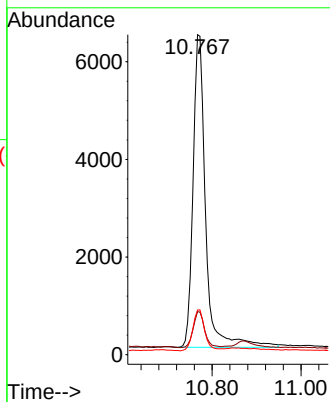
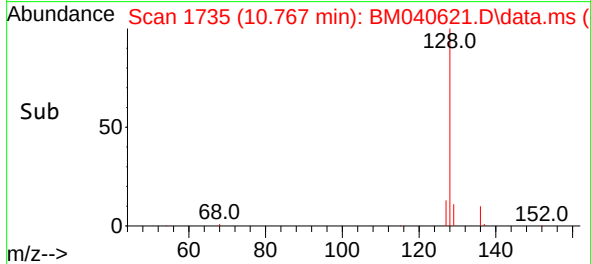
Instrument :
BNA_M
ClientSampleId :
DCGK1DL



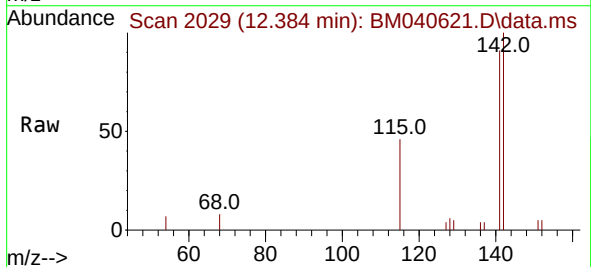
Tgt Ion:128 Resp: 1262
Ion Ratio Lower Upper
128 100
129 13.5 9.2 13.8
127 13.9 10.6 15.8

Manual Integrations
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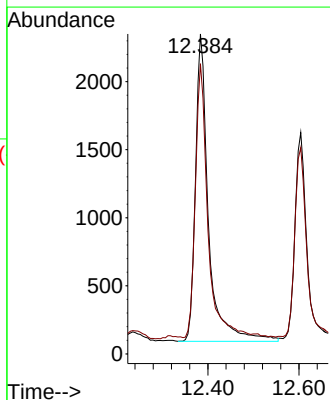
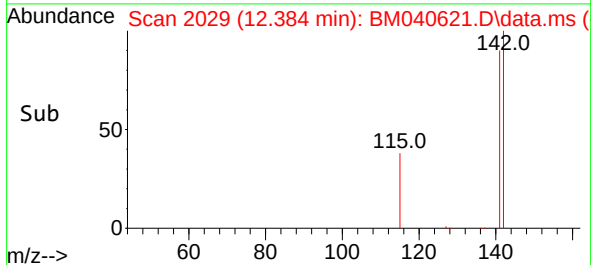
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

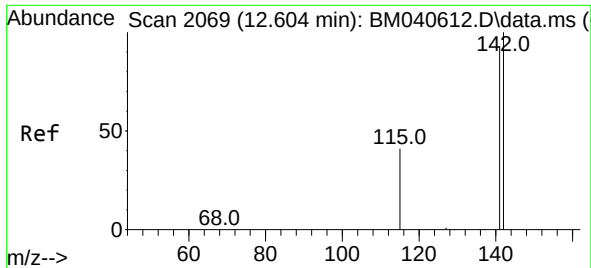


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54



Tgt Ion:142 Resp: 4486
Ion Ratio Lower Upper
142 100
141 85.7 71.9 107.9





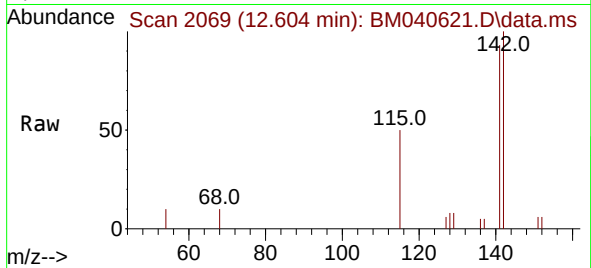
#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

Instrument :

BNA_M

ClientSampleId :

DCGK1DL

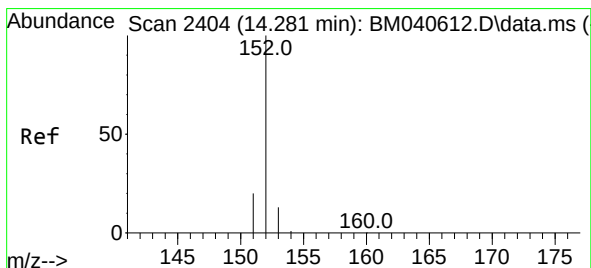
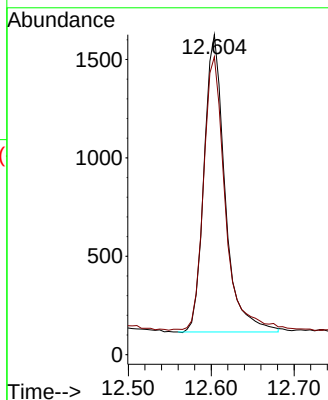
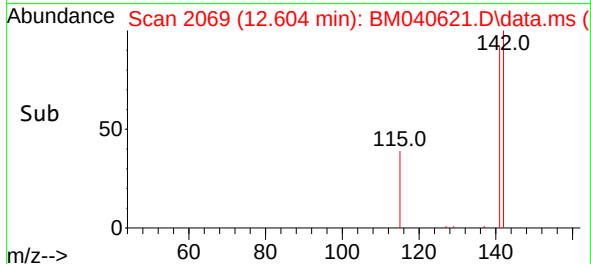


Tgt Ion:142 Resp: 2650
Ion Ratio Lower Upper
142 100
141 94.5 73.7 110.5

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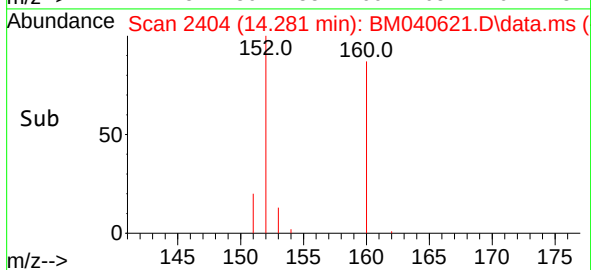
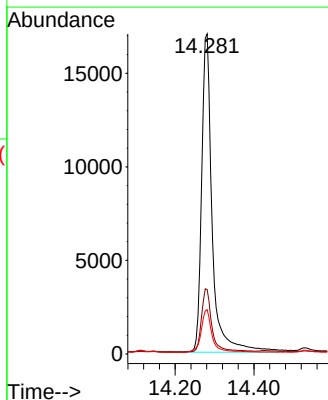
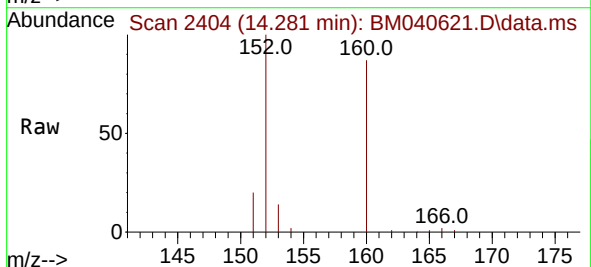
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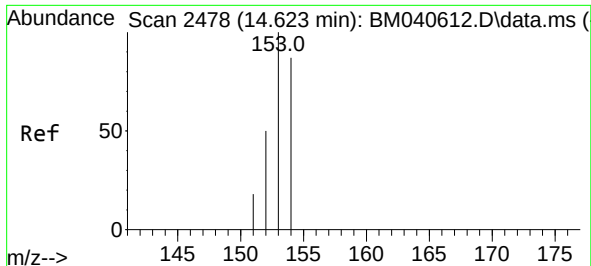
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.450 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

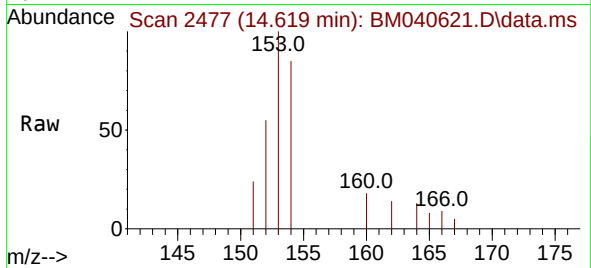
Tgt Ion:152 Resp: 31785
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

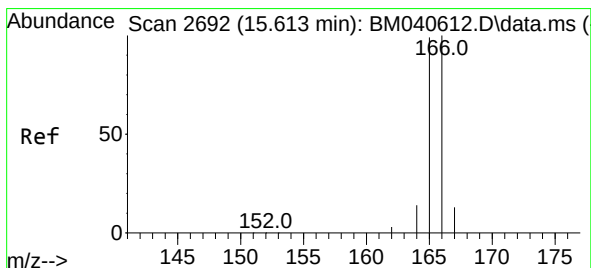
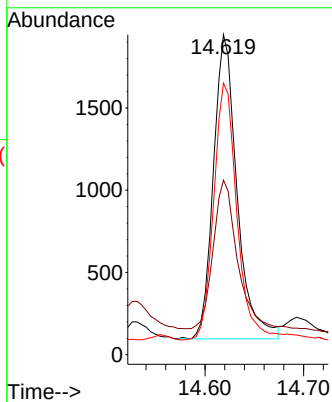
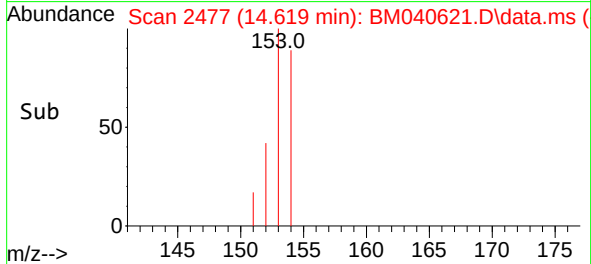
Instrument :
BNA_M
ClientSampleId :
DCGK1DL



Tgt Ion:153 Resp: 3090
Ion Ratio Lower Upper
153 100
152 54.6 41.0 61.4
154 84.8 70.8 106.2

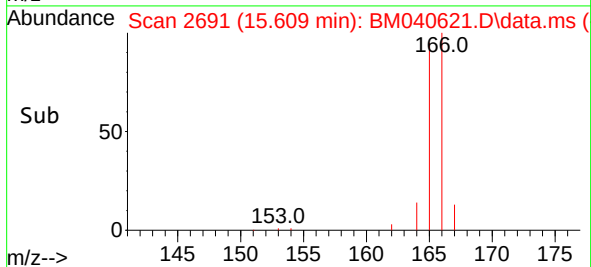
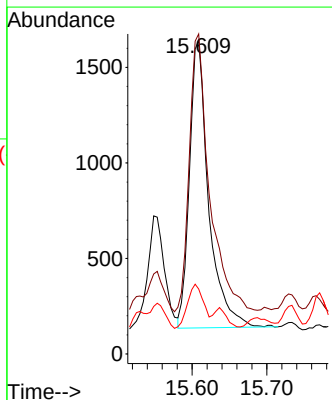
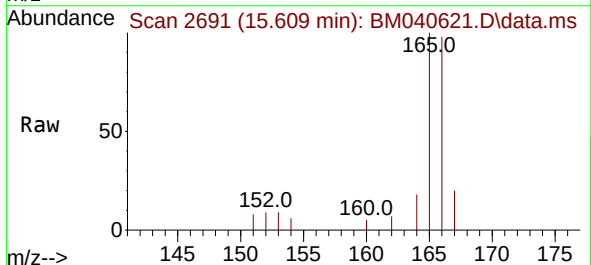
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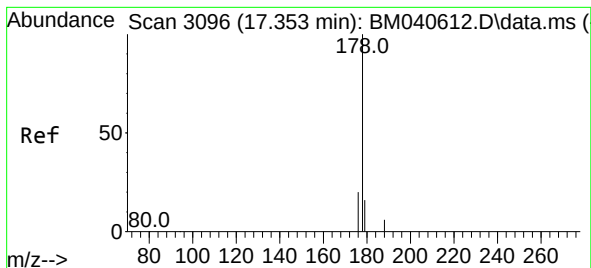
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.609 min Scan# 2691
Delta R.T. -0.009 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

Tgt Ion:166 Resp: 2671
Ion Ratio Lower Upper
166 100
165 102.1 79.6 119.4
167 20.7 11.4 17.0#





#15

Phenanthrene

Concen: 0.561 ng/u1

RT: 17.349 min Scan# 3096

Delta R.T. -0.013 min

Lab File: BM040621.D

Acq: 04 Jul 2023 20:54

Instrument :

BNA_M

ClientSampleId :

DCGK1DL

Tgt Ion:178 Resp: 52710

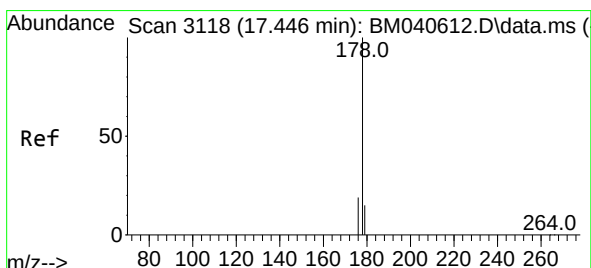
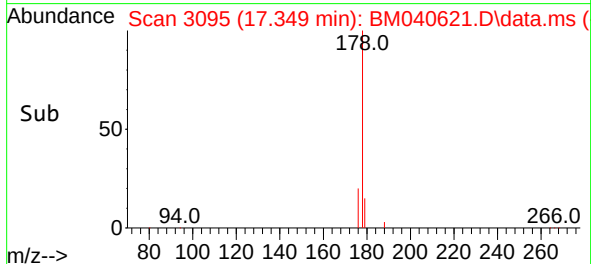
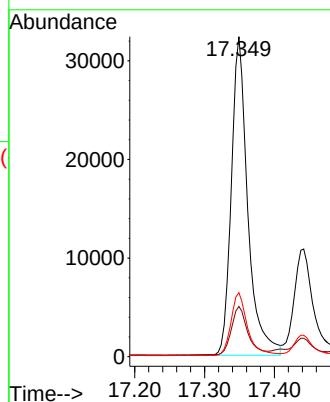
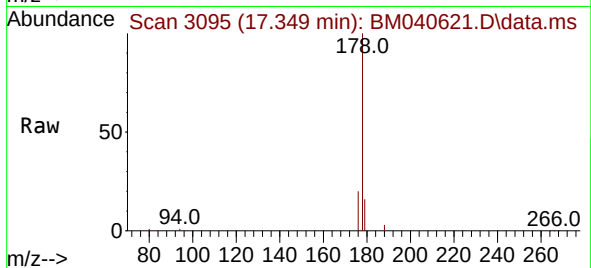
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	20.0	16.4	24.6

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#16

Anthracene

Concen: 0.263 ng/u1

RT: 17.442 min Scan# 3117

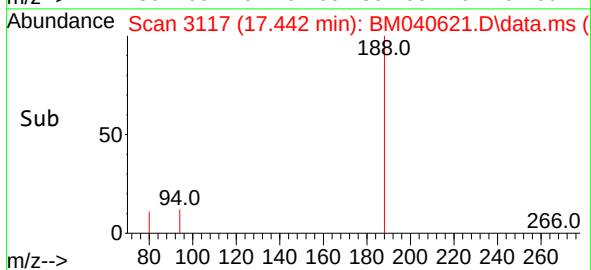
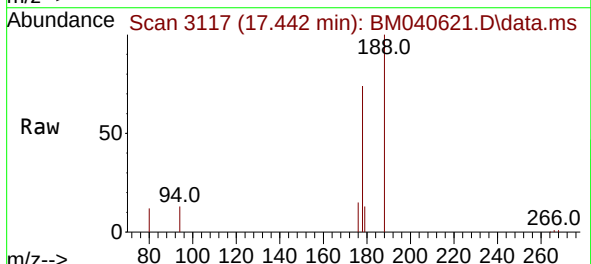
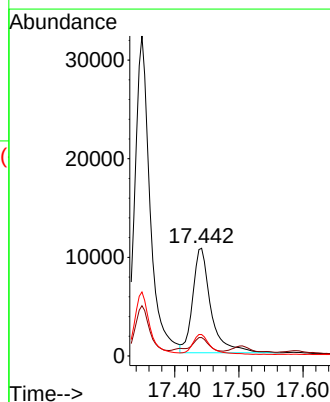
Delta R.T. -0.013 min

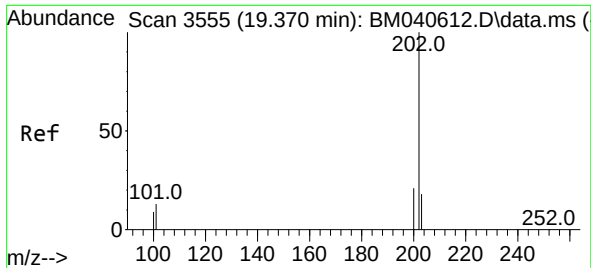
Lab File: BM040621.D

Acq: 04 Jul 2023 20:54

Tgt Ion:178 Resp: 20792

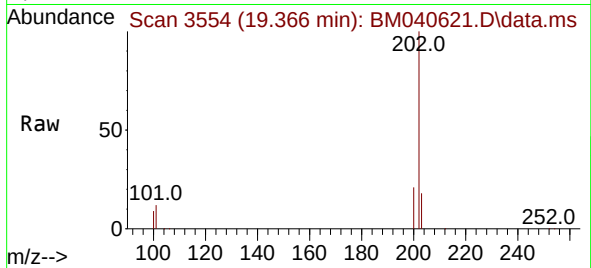
Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	19.9	15.8	23.6





#19
Fluoranthene
Concen: 1.956 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

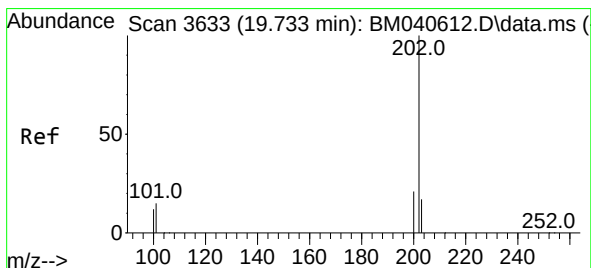
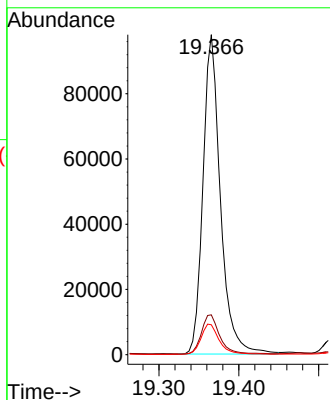
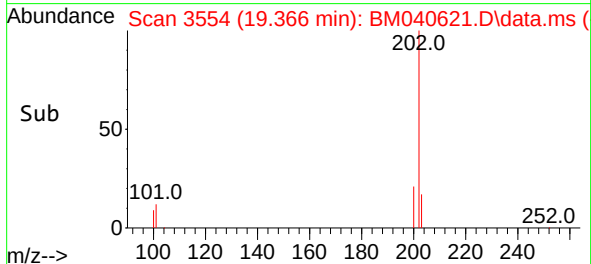
Instrument :
BNA_M
ClientSampleId :
DCGK1DL



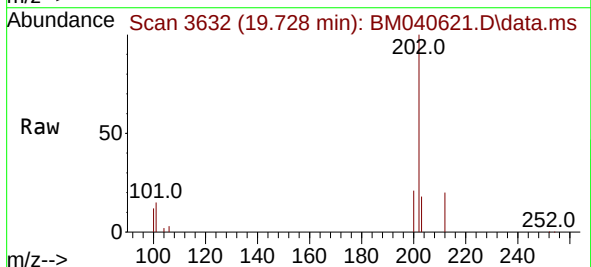
Tgt Ion:202 Resp: 148960
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations
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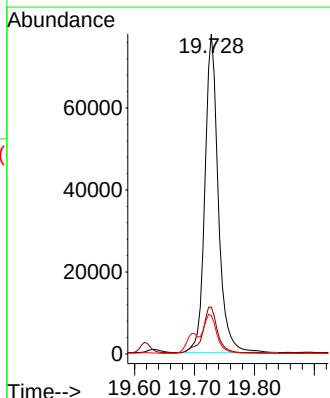
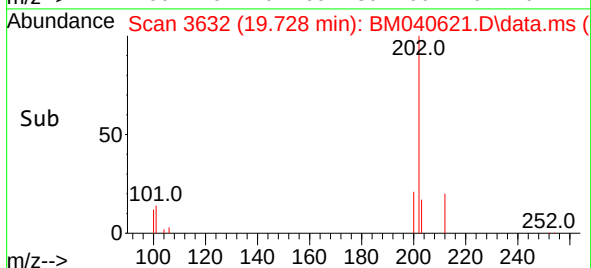
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

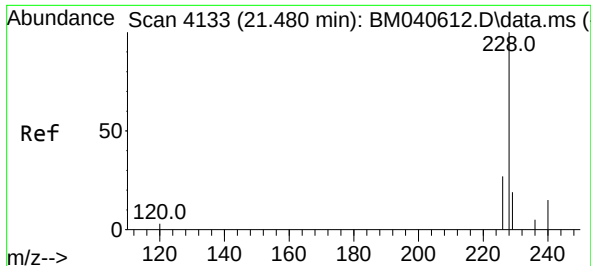


#20
Pyrene
Concen: 1.476 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54



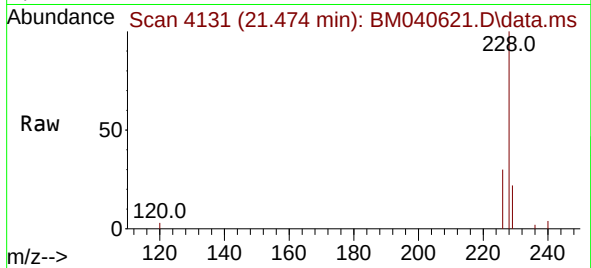
Tgt Ion:202 Resp: 120517
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 12.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.221 ng/ul
RT: 21.474 min Scan# 4133
Delta R.T. -0.015 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

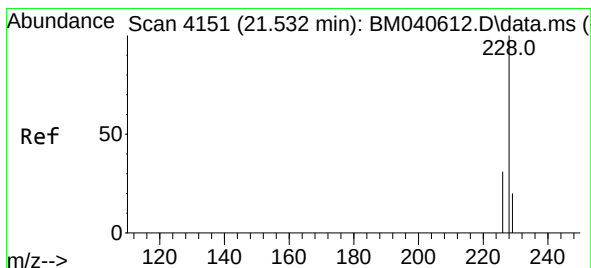
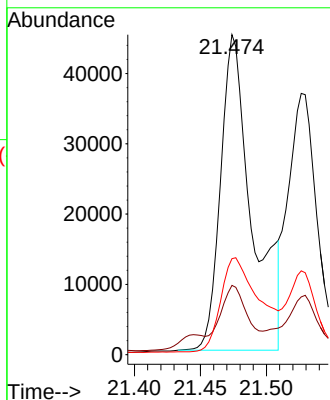
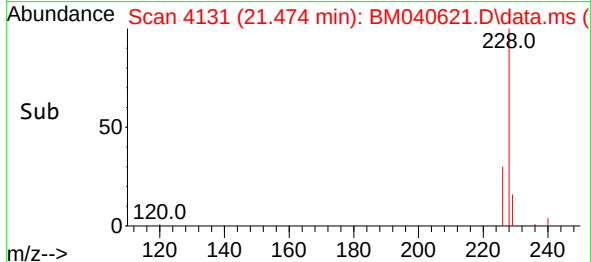
Instrument :
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Tgt Ion:228 Resp: 74000
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 30.0 22.3 33.5

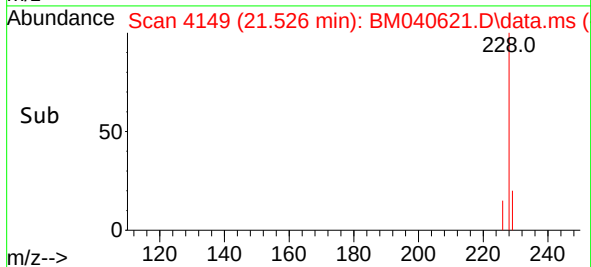
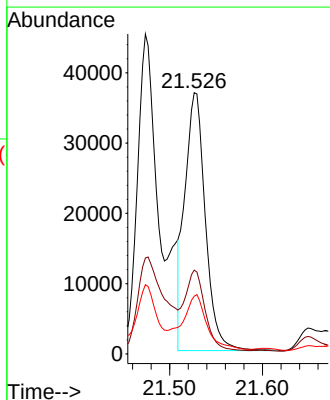
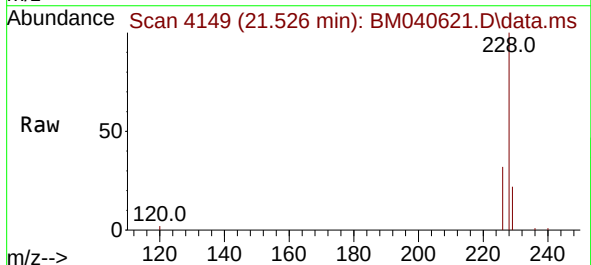
Manual Integrations
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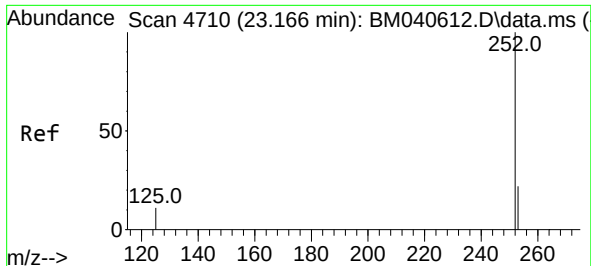
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.815 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

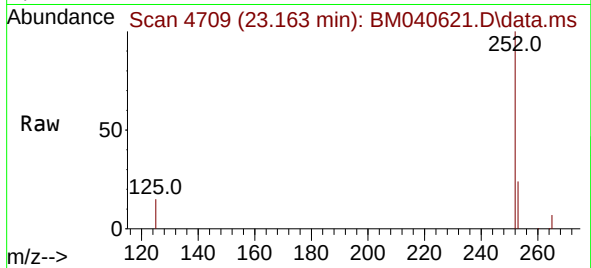
Tgt Ion:228 Resp: 56338
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.817 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

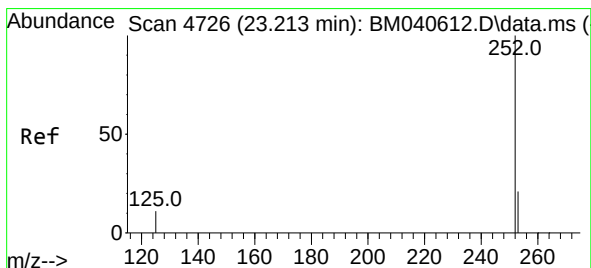
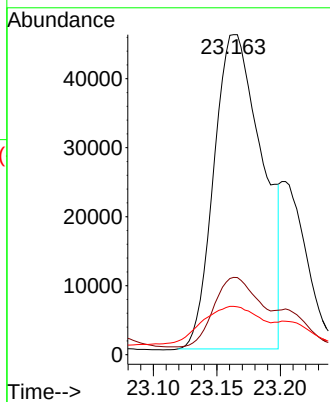
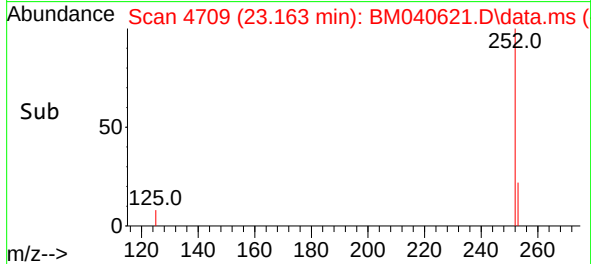
Instrument :
BNA_M
ClientSampleId :
DCGK1DL



Tgt Ion:252 Resp: 12082
Ion Ratio Lower Upper
252 100
253 24.1 0.0 52.8
125 15.1 0.0 43.0

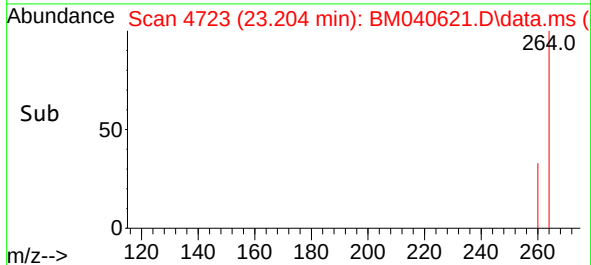
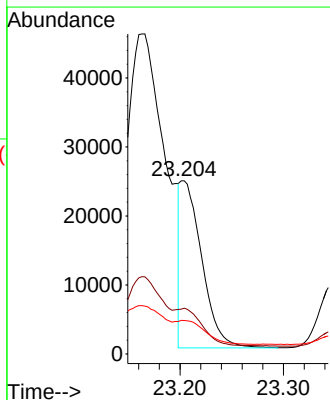
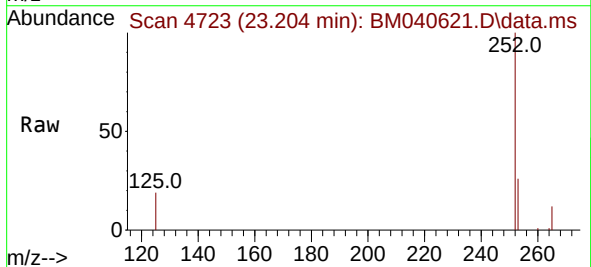
Manual Integrations
APPROVED

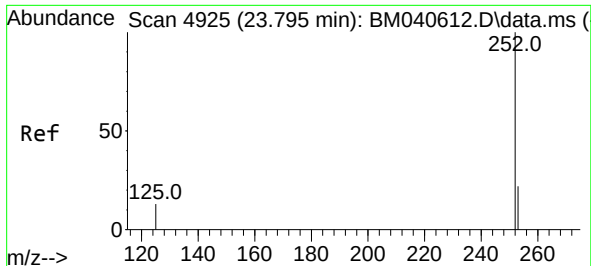
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.533 ng/ul m
RT: 23.204 min Scan# 4723
Delta R.T. -0.021 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

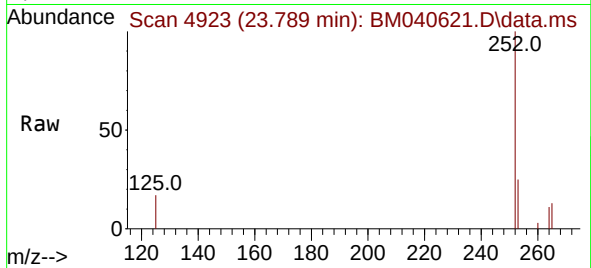
Tgt Ion:252 Resp: 34940
Ion Ratio Lower Upper
252 100
253 26.5 21.2 31.8
125 19.3 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.153 ng/ul
RT: 23.789 min Scan# 4925
Delta R.T. -0.015 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

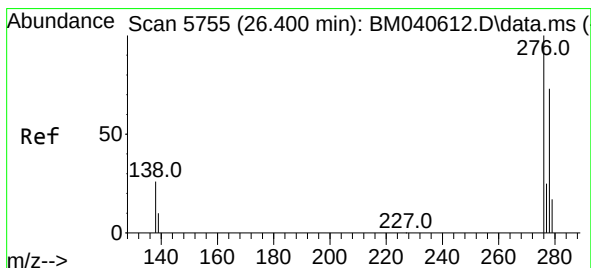
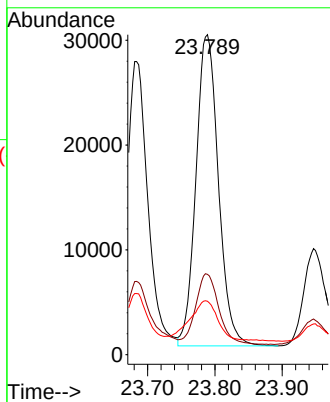
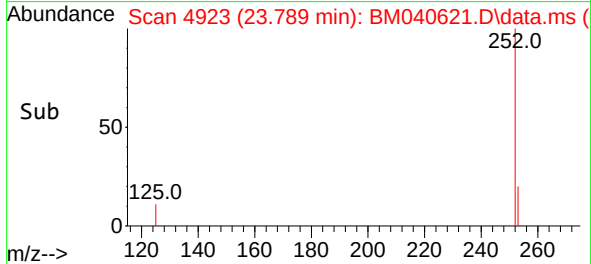
Instrument :
BNA_M
ClientSampleId :
DCGK1DL



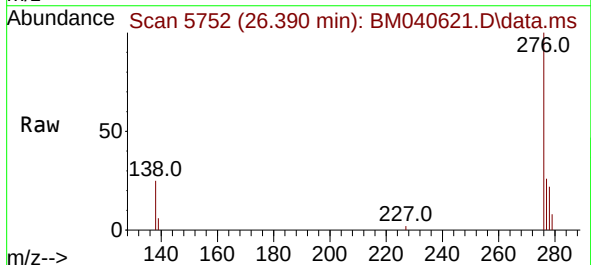
Tgt Ion:252 Resp: 6904
Ion Ratio Lower Upper
252 100
253 25.1 22.9 34.3
125 16.7 21.0 31.4

Manual Integrations
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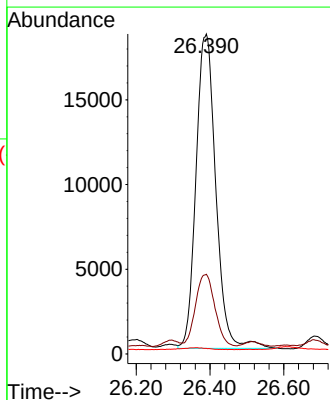
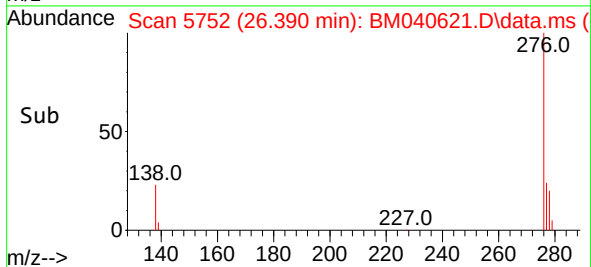
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

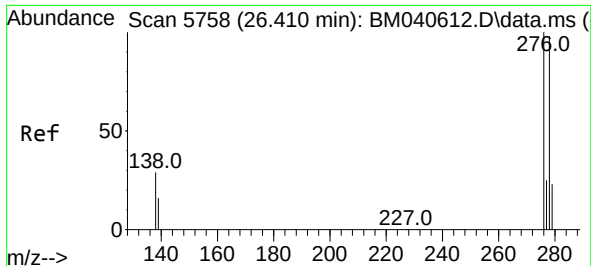


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.829 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. -0.027 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54



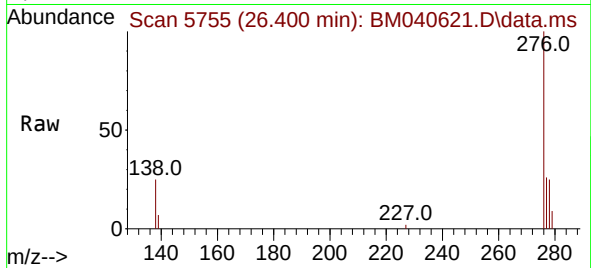
Tgt Ion:276 Resp: 69166
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.240 ng/ul
RT: 26.400 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

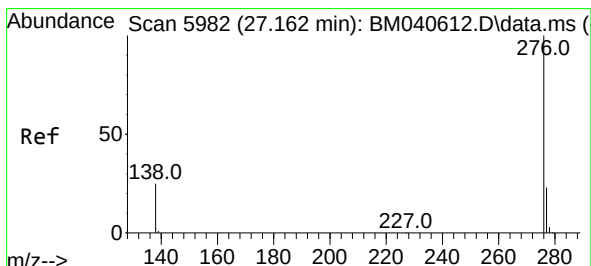
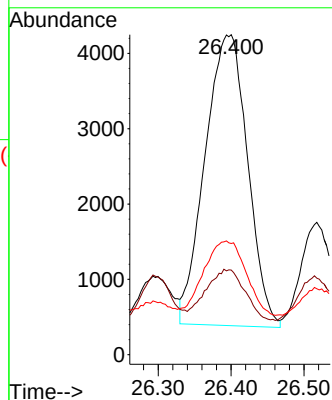
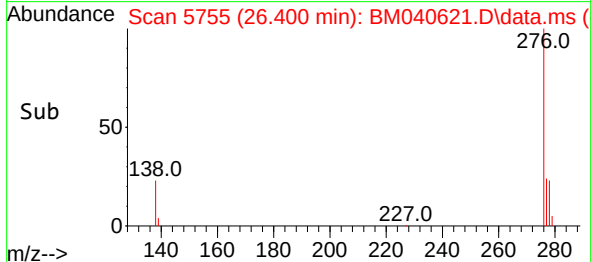
Instrument :
BNA_M
ClientSampleId :
DCGK1DL



Tgt Ion:278 Resp: 15654
Ion Ratio Lower Upper
278 100
139 26.4 17.9 26.9
279 34.7 22.0 33.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.864 ng/ul
RT: 27.158 min Scan# 5981
Delta R.T. -0.024 min
Lab File: BM040621.D
Acq: 04 Jul 2023 20:54

Tgt Ion:276 Resp: 63172
Ion Ratio Lower Upper
276 100
138 25.3 23.0 34.6
277 25.2 20.3 30.5

