

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041512.D
 Acq On : 26 Aug 2023 02:37
 Operator : MA/JU
 Sample : 04037-02DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ7DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 03:16:07 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	11655	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	32133	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	15846	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	29362	0.400	ng/ul	0.00
17) Chrysene-d12	21.693	240	12314	0.400	ng/ul	#-0.01
23) Perylene-d12	24.263	264	14457	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	7858	0.533	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	1650	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	2297	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	5520	0.058	ng/ul#	92
7) 2-Methylnaphthalene	12.594	142	5249	0.091	ng/ul	99
8) 1-Methylnaphthalene	12.814	142	2696	0.046	ng/ul	99
11) Acenaphthene	14.819	153	13306	0.201	ng/ul	96
12) Fluorene	15.804	166	2405	0.032	ng/ul#	90
15) Phenanthrene	17.552	178	83423	0.774	ng/ul	100
16) Anthracene	17.641	178	8513	0.087	ng/ul#	93
19) Fluoranthene	19.561	202	228102	2.018	ng/ul	97
20) Pyrene	19.924	202	136380m	1.196	ng/ul	
21) Benzo(a)anthracene	21.676	228	75772	0.946	ng/ul	97
22) Chrysene	21.731	228	108123	1.249	ng/ul	97
24) Benzo(b)fluoranthene	23.468	252	173521	1.753	ng/ul	94
25) Benzo(k)fluoranthene	23.517	252	60203m	0.608	ng/ul	
26) Benzo(a)pyrene	24.146	252	111296	1.368	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.978	276	120691	1.187	ng/ul#	89
28) Dibenzo(a,h)anthracene	27.004	278	25969	0.334	ng/ul#	70
29) Benzo(g,h,i)perylene	27.826	276	115041	1.285	ng/ul	99

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

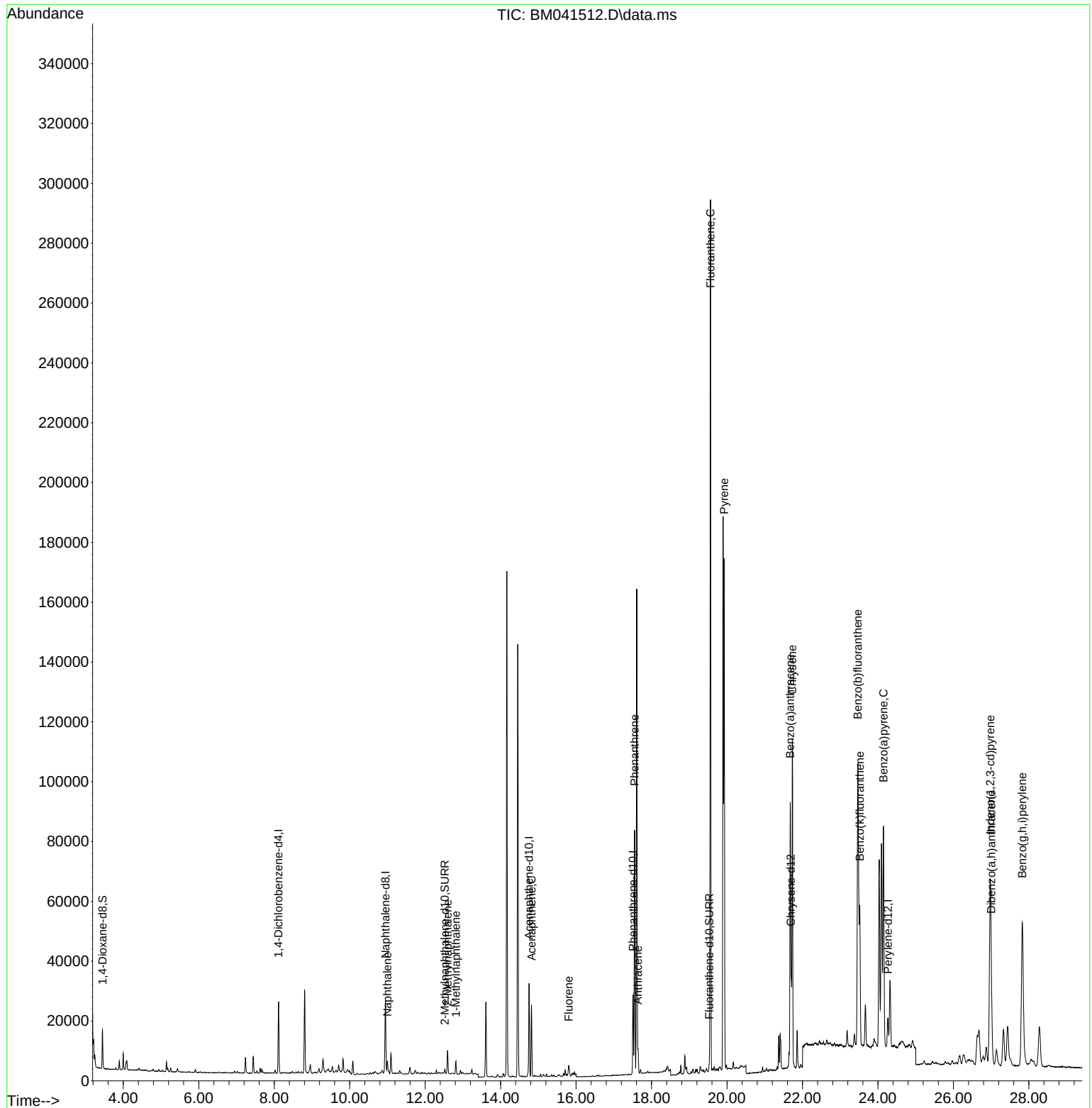
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041512.D
Acq On : 26 Aug 2023 02:37
Operator : MA/JU
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ALS Vial : 50 Sample Multiplier: 1

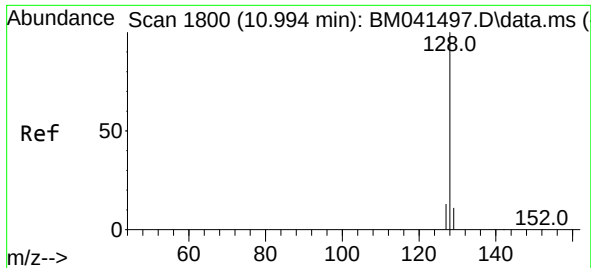
Instrument :
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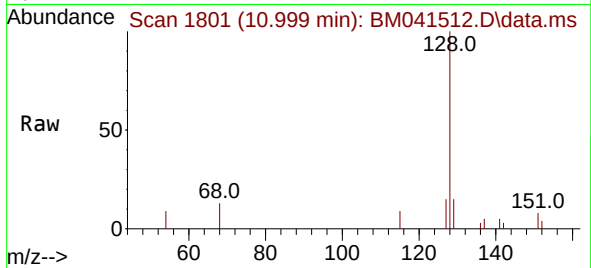
Quant Time: Aug 26 03:16:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

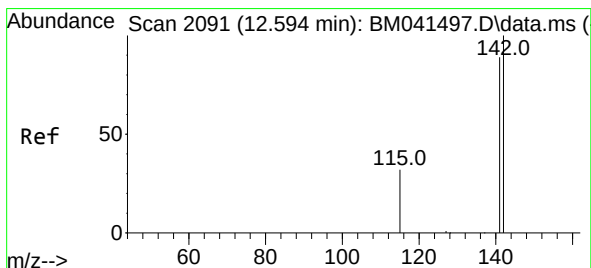
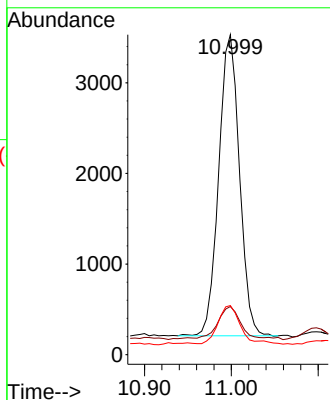
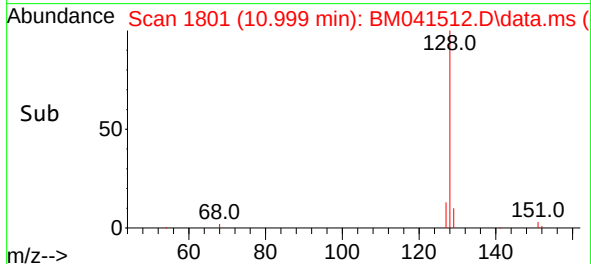
Instrument :
BNA_M
ClientSampleId :
EZYJ7DL



Tgt Ion:128 Resp: 5520
Ion Ratio Lower Upper
128 100
129 15.1 8.9 13.3
127 15.3 10.6 15.8

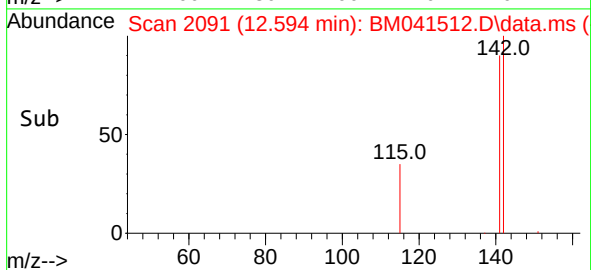
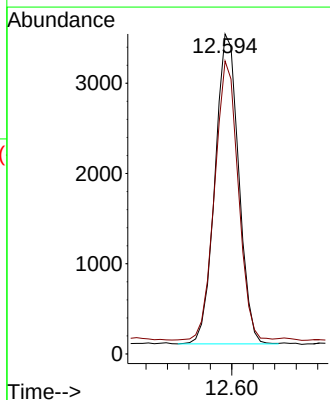
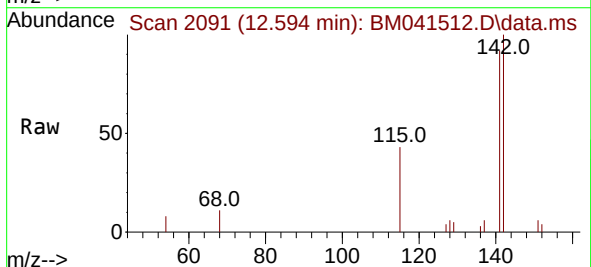
Manual Integrations
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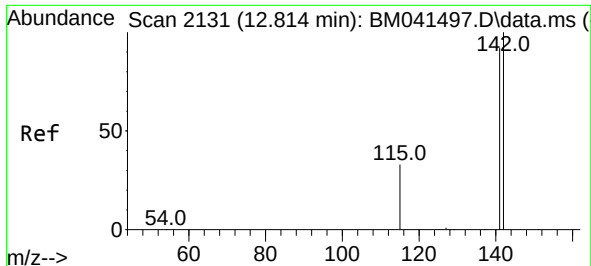
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

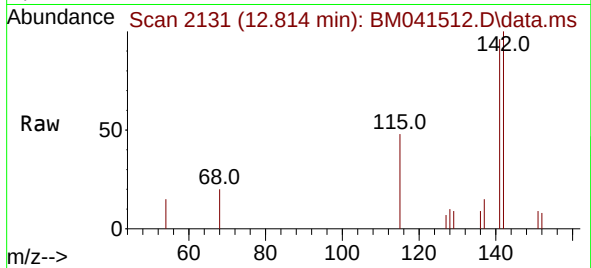
Tgt Ion:142 Resp: 5249
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

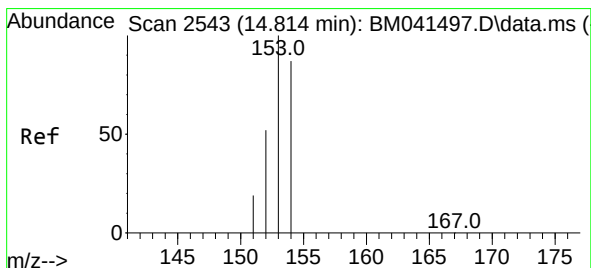
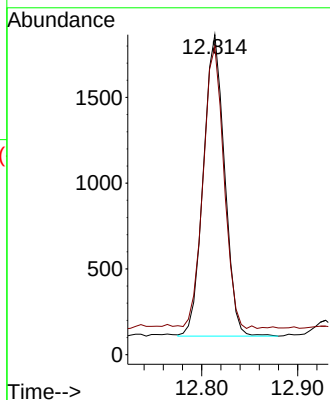
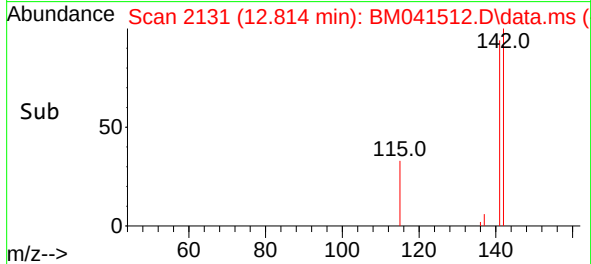
Instrument :
BNA_M
ClientSampleId :
EZYJ7DL



Tgt Ion:142 Resp: 2690
Ion Ratio Lower Upper
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141 90.9 73.4 110.2

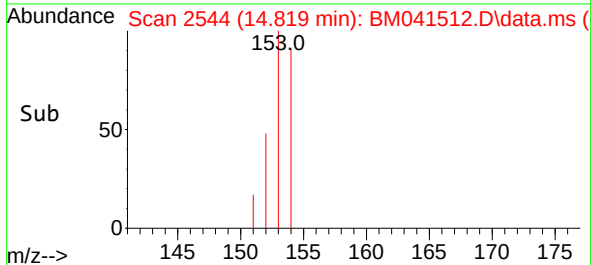
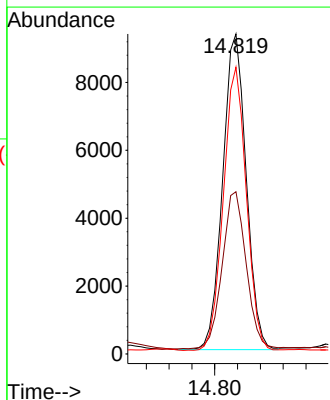
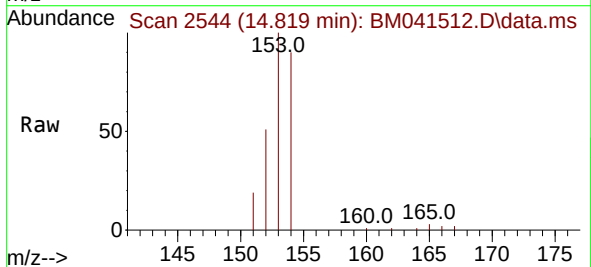
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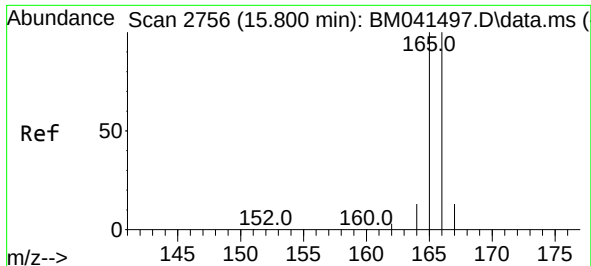
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

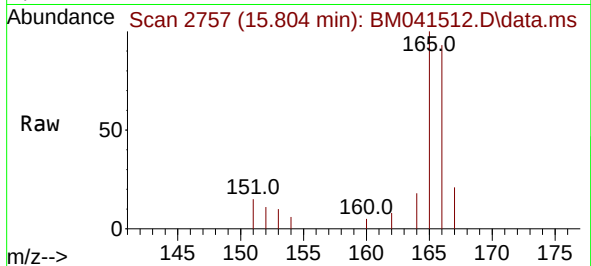
Tgt Ion:153 Resp: 13306
Ion Ratio Lower Upper
153 100
152 50.7 42.9 64.3
154 89.6 68.9 103.3





#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

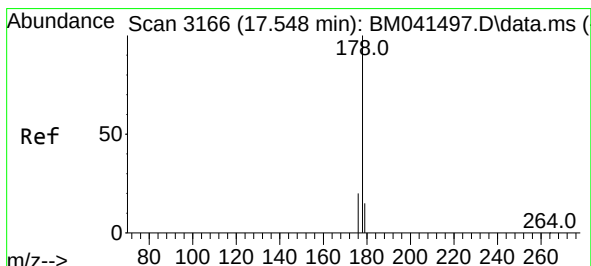
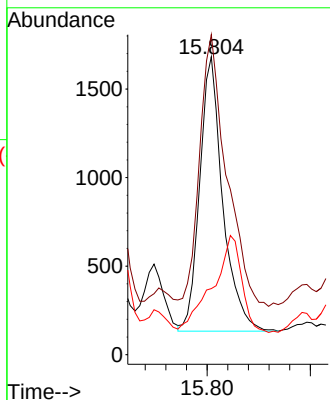
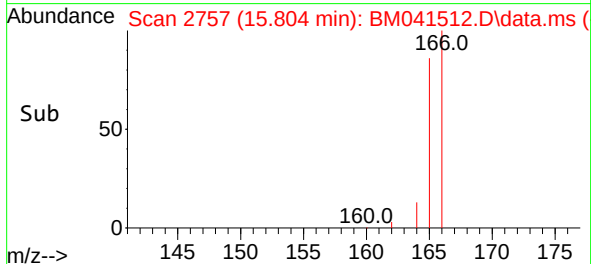
Instrument :
BNA_M
ClientSampleId :
EZYJ7DL



Tgt Ion:166 Resp: 240
Ion Ratio Lower Upper
166 100
165 107.4 79.4 119.2
167 22.2 11.0 16.6

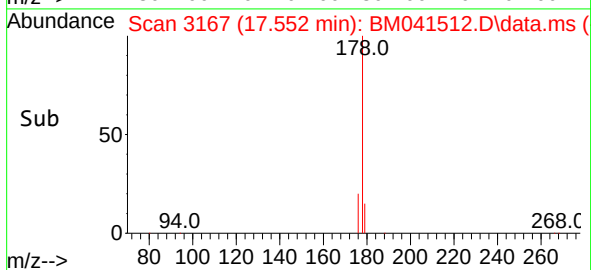
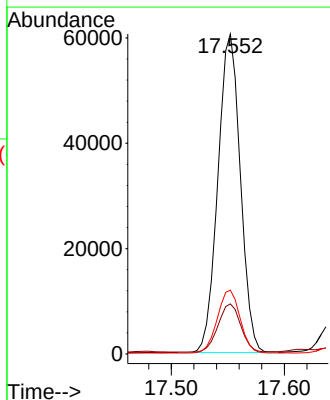
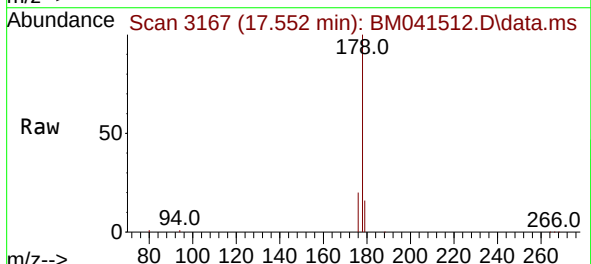
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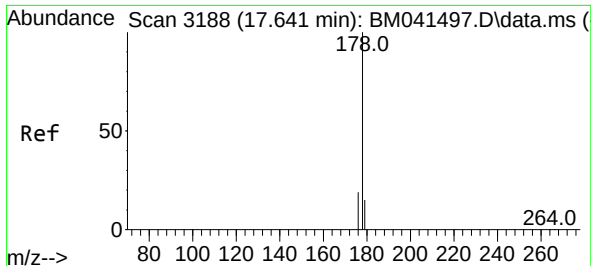
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#15
Phenanthrene
Concen: 0.774 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

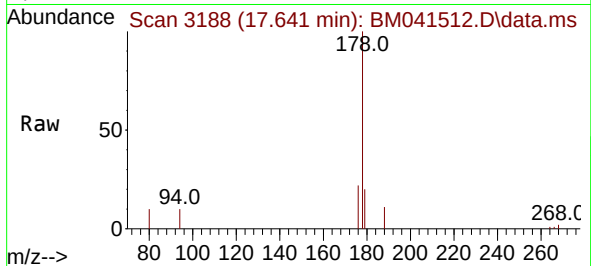
Tgt Ion:178 Resp: 83423
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 20.0 15.8 23.8





#16
 Anthracene
 Concen: 0.087 ng/u1
 RT: 17.641 min Scan# 3188
 Delta R.T. -0.004 min
 Lab File: BM041512.D
 Acq: 26 Aug 2023 02:37

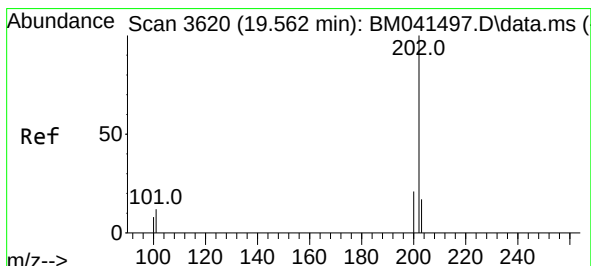
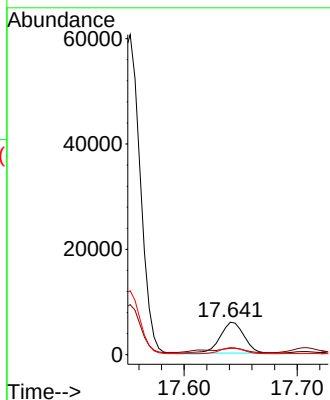
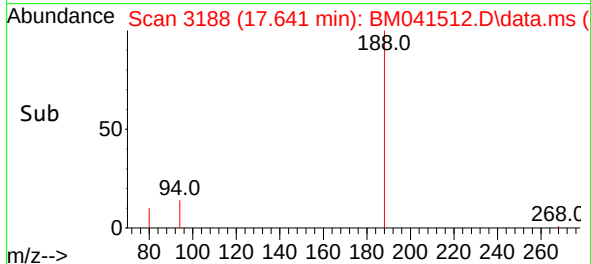
Instrument :
 BNA_M
 ClientSampleId :
 EZYJ7DL



Tgt Ion:178 Resp: 851
 Ion Ratio Lower Upper
 178 100
 179 19.9 12.6 18.8
 176 21.6 15.5 23.3

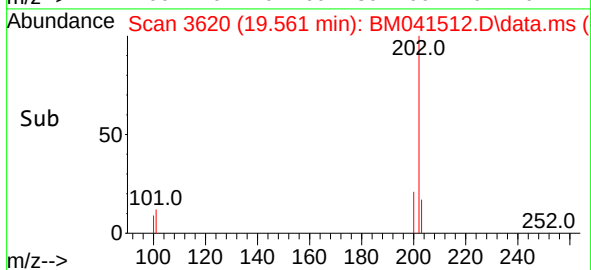
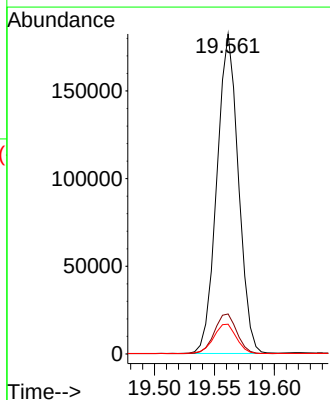
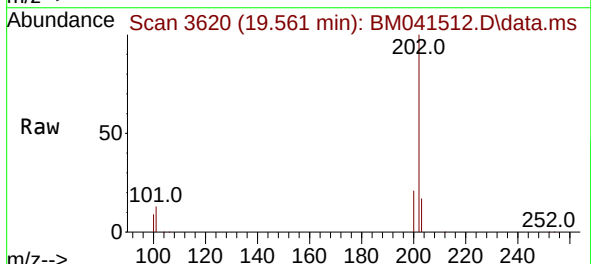
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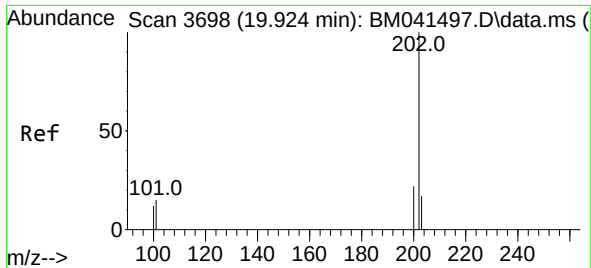
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023



#19
 Fluoranthene
 Concen: 2.018 ng/u1
 RT: 19.561 min Scan# 3620
 Delta R.T. -0.005 min
 Lab File: BM041512.D
 Acq: 26 Aug 2023 02:37

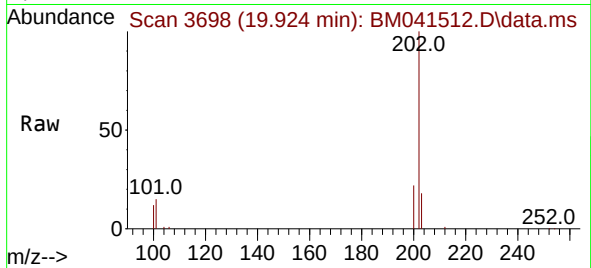
Tgt Ion:202 Resp: 228102
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.0 16.6
 100 9.3 7.9 11.9





#20
Pyrene
Concen: 1.196 ng/ul m
RT: 19.924 min Scan# 3698
Delta R.T. -0.009 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

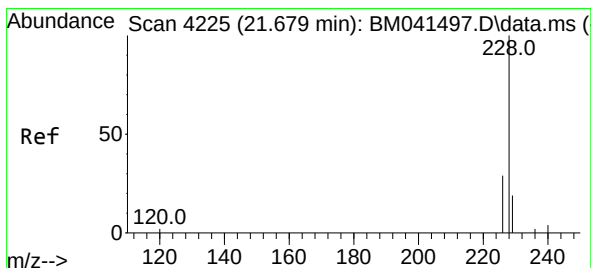
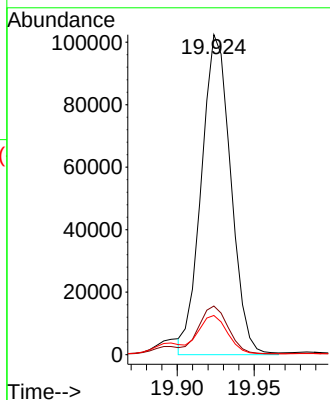
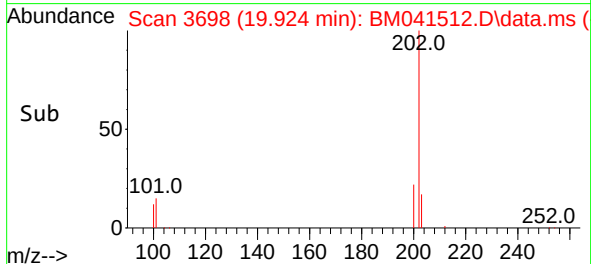
Instrument :
BNA_M
ClientSampleId :
EZYJ7DL



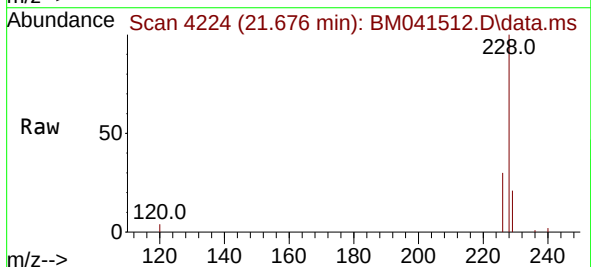
Tgt Ion:202 Resp: 136380
Ion Ratio Lower Upper
202 100
101 15.2 12.2 18.2
100 12.3 9.8 14.8

Manual Integrations
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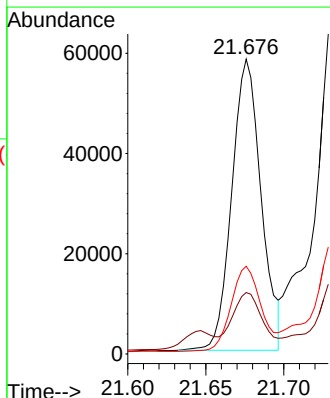
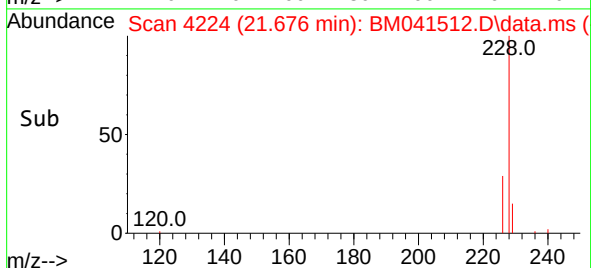
Reviewed By :Yogesh Patel 08/26/2023
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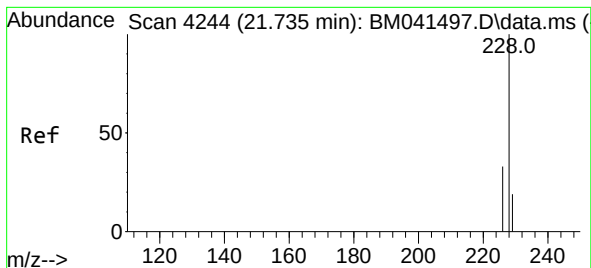


#21
Benzo(a)anthracene
Concen: 0.946 ng/ul
RT: 21.676 min Scan# 4224
Delta R.T. -0.012 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37



Tgt Ion:228 Resp: 75772
Ion Ratio Lower Upper
228 100
229 20.8 15.3 22.9
226 29.7 22.7 34.1





#22

Chrysene

Concen: 1.249 ng/ul

RT: 21.731 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM041512.D

Acq: 26 Aug 2023 02:37

Instrument :

BNA_M

ClientSampleId :

EZYJ7DL

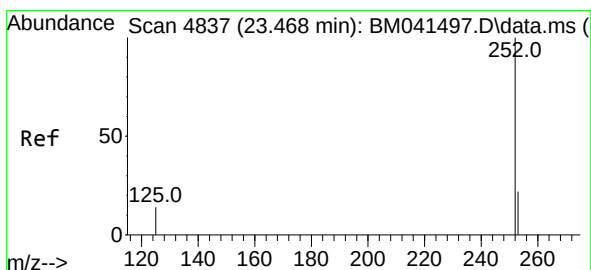
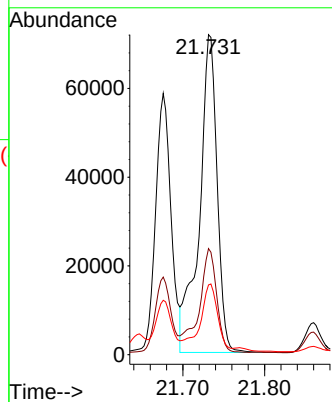
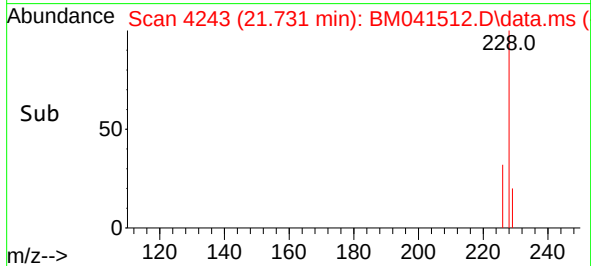
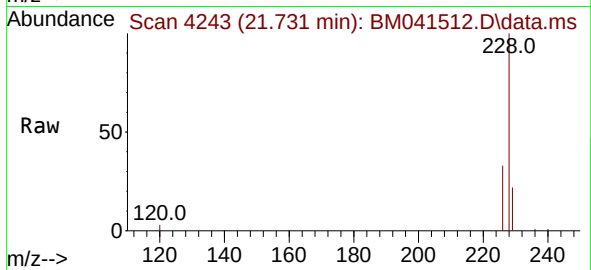
Tgt Ion:228	Resp: 10812
Ion Ratio	Lower Upper
228 100	
226 33.1	25.6 38.4
229 21.8	15.7 23.5

Manual Integrations

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Supervised By :mohammad ahmed 08/26/2023



#24

Benzo(b)fluoranthene

Concen: 1.753 ng/ul

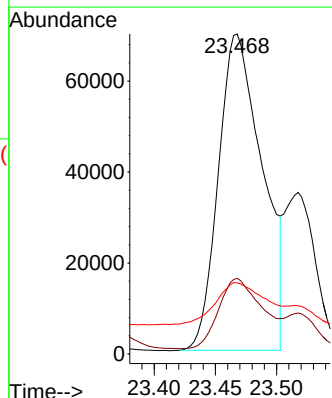
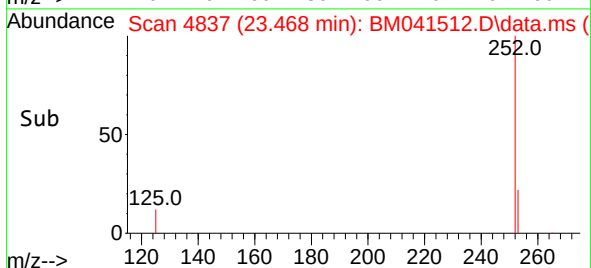
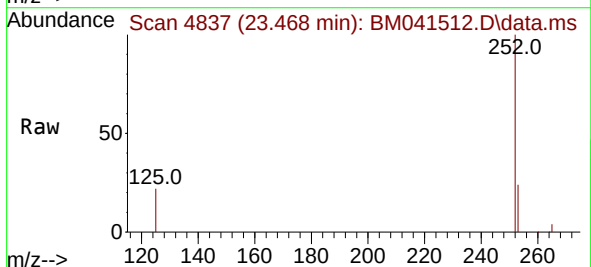
RT: 23.468 min Scan# 4837

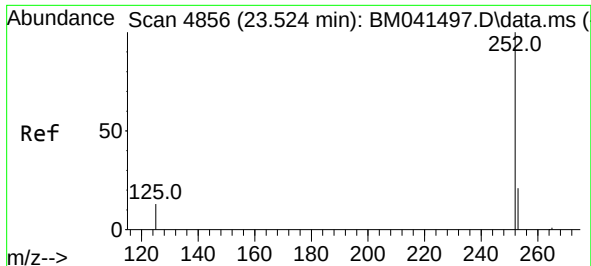
Delta R.T. -0.015 min

Lab File: BM041512.D

Acq: 26 Aug 2023 02:37

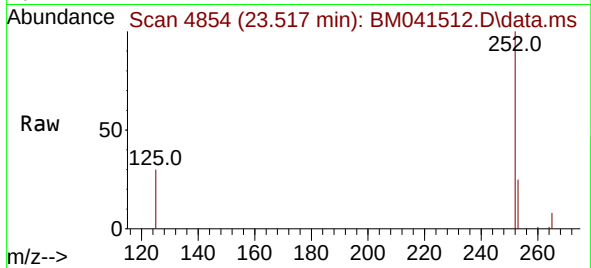
Tgt Ion:252	Resp: 173521
Ion Ratio	Lower Upper
252 100	
253 23.7	0.0 46.8
125 22.2	0.0 32.8





#25
Benzo(k)fluoranthene
Concen: 0.608 ng/ul m
RT: 23.517 min Scan# 4854
Delta R.T. -0.018 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

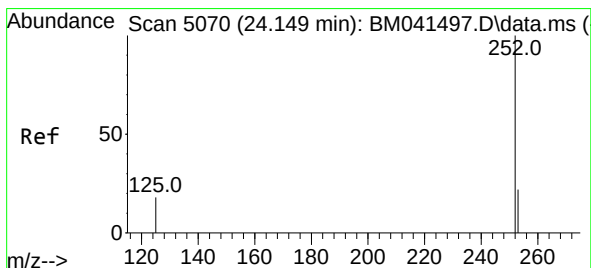
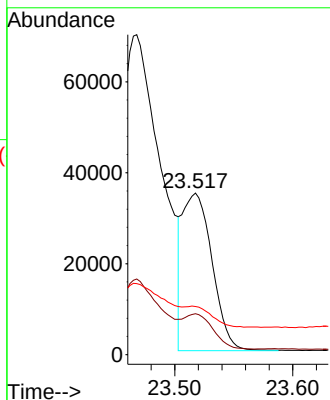
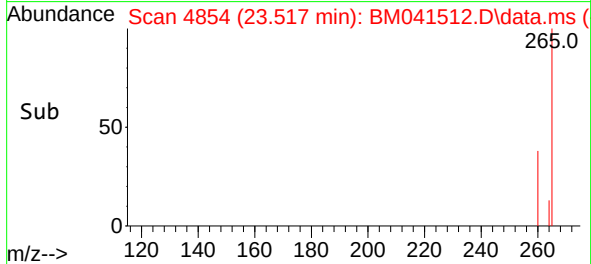
Instrument :
BNA_M
ClientSampleId :
EZYJ7DL



Tgt Ion:252 Resp: 6020
Ion Ratio Lower Upper
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253 25.4 19.1 28.7
125 29.8 13.4 20.0

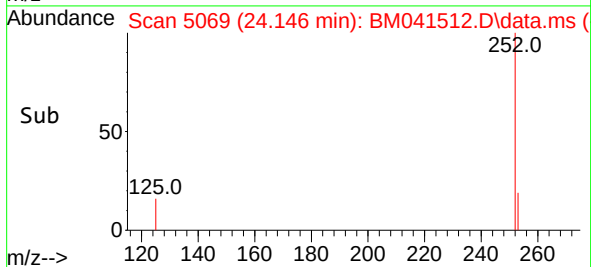
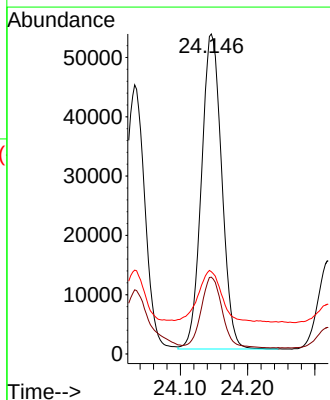
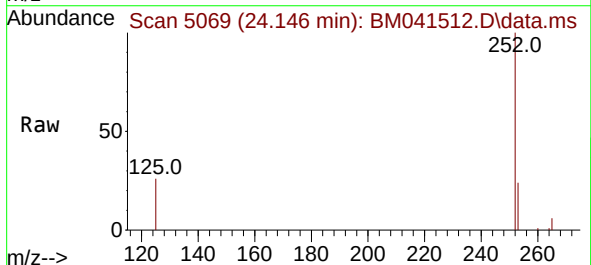
Manual Integrations
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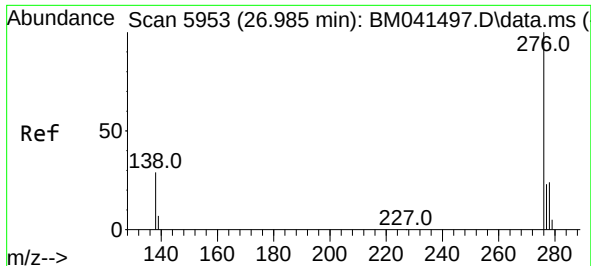
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#26
Benzo(a)pyrene
Concen: 1.368 ng/ul
RT: 24.146 min Scan# 5069
Delta R.T. -0.018 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

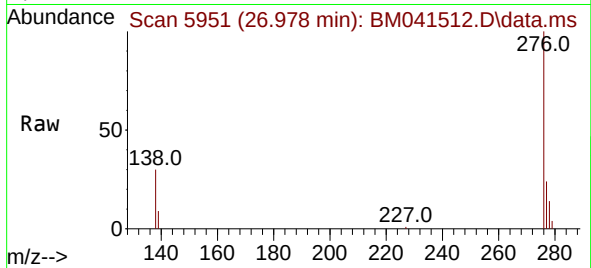
Tgt Ion:252 Resp: 111296
Ion Ratio Lower Upper
252 100
253 24.0 19.5 29.3
125 25.7 16.0 24.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.187 ng/ul
RT: 26.978 min Scan# 5951
Delta R.T. -0.027 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37

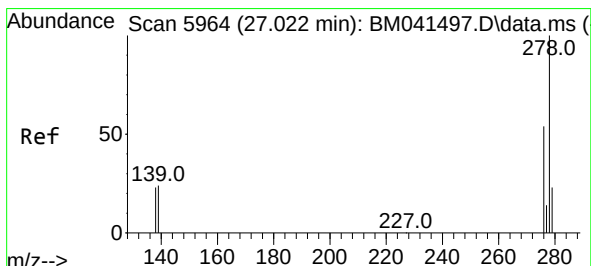
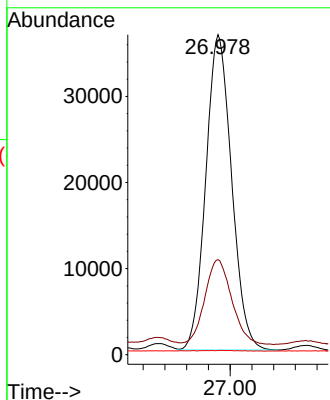
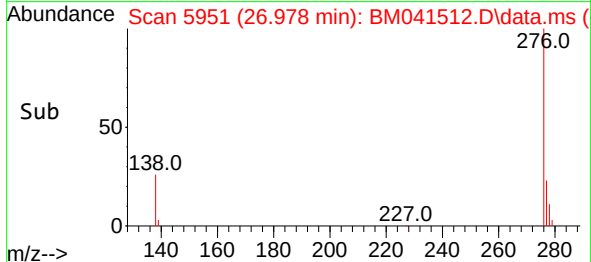
Instrument :
BNA_M
ClientSampleId :
EZYJ7DL



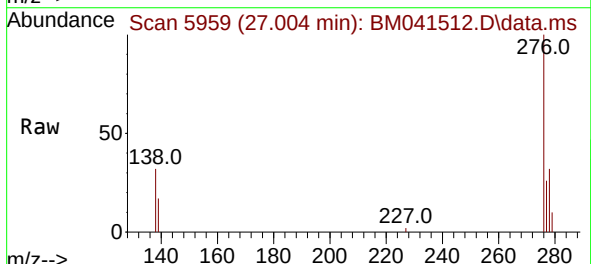
Tgt Ion:276 Resp: 12069
Ion Ratio Lower Upper
276 100
138 28.1 27.8 41.6
227 0.2 0.0 0.0

Manual Integrations
APPROVED

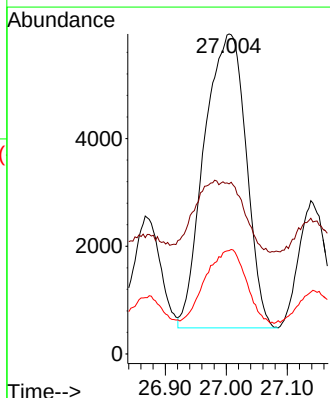
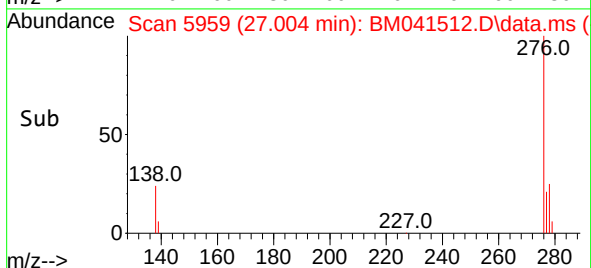
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

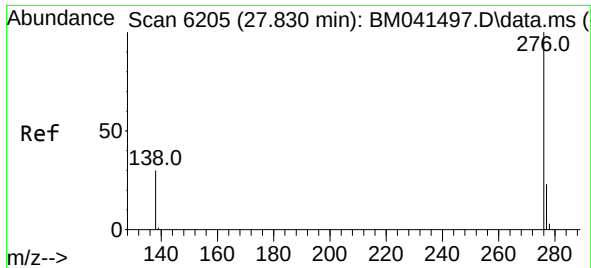


#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 27.004 min Scan# 5959
Delta R.T. -0.040 min
Lab File: BM041512.D
Acq: 26 Aug 2023 02:37



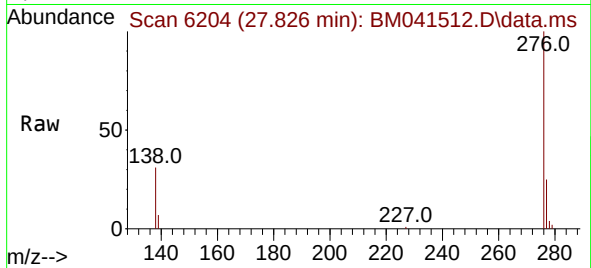
Tgt Ion:278 Resp: 25969
Ion Ratio Lower Upper
278 100
139 53.1 21.9 32.9#
279 32.3 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 1.285 ng/ul
 RT: 27.826 min Scan# 61
 Delta R.T. -0.027 min
 Lab File: BM041512.D
 Acq: 26 Aug 2023 02:37

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ7DL



Tgt Ion: 276 Resp: 11504
 Ion Ratio Lower Upper
 276 100
 138 31.3 25.9 38.9
 277 24.6 19.4 29.2

Manual Integrations
 APPROVED

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

