

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041533.D
 Acq On : 28 Aug 2023 22:08
 Operator : MA/JU
 Sample : 04037-13DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 02:49:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	12446	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	32136	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	14445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	25215	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.688	240	10573	0.400	ng/ul	# 0.00
23) Perylene-d12	24.254	264	12670	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	10382	0.671	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1719	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	1968	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	3100	0.030	ng/ul#	90
7) 2-Methylnaphthalene	12.588	142	7945	0.127	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	6034	0.096	ng/ul	100
11) Acenaphthene	14.814	153	2705	0.040	ng/ul	94
12) Fluorene	15.795	166	2274	0.031	ng/ul#	84
15) Phenanthrene	17.544	178	23802	0.230	ng/ul#	94
16) Anthracene	17.637	178	2866	0.030	ng/ul#	63
19) Fluoranthene	19.552	202	35916	0.367	ng/ul	96
20) Pyrene	19.919	202	42157m	0.425	ng/ul	
21) Benzo(a)anthracene	21.670	228	13896	0.184	ng/ul#	85
22) Chrysene	21.726	228	20814m	0.279	ng/ul	
24) Benzo(b)fluoranthene	23.459	252	35266	0.438	ng/ul#	1
25) Benzo(k)fluoranthene	23.509	252	12753m	0.162	ng/ul	
26) Benzo(a)pyrene	24.137	252	22160	0.304	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.964	276	26718	0.273	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.991	278	5905	0.084	ng/ul#	1
29) Benzo(g,h,i)perylene	27.810	276	30789	0.376	ng/ul#	83

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

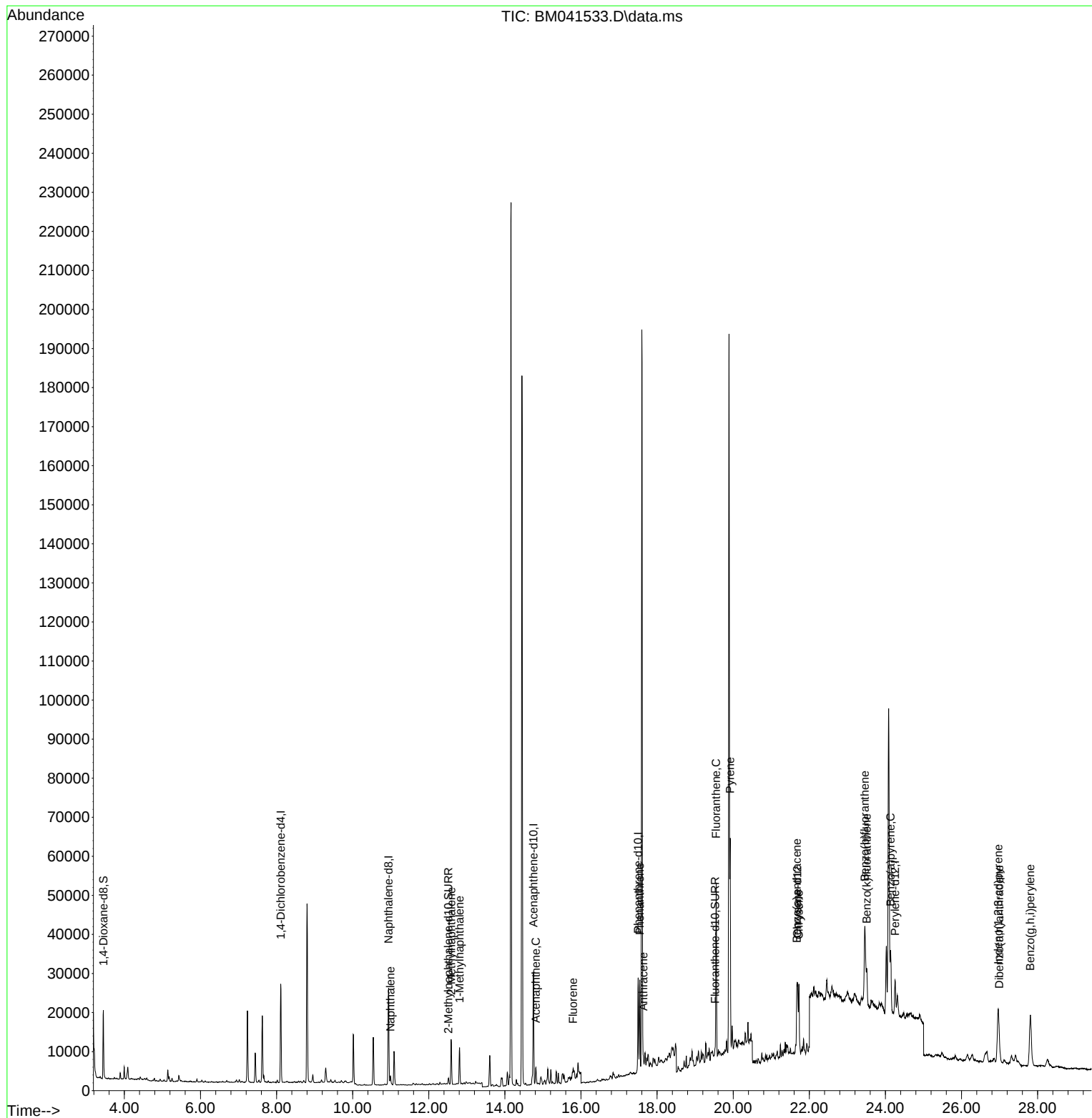
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041533.D
Acq On : 28 Aug 2023 22:08
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ALS Vial : 18 Sample Multiplier: 1

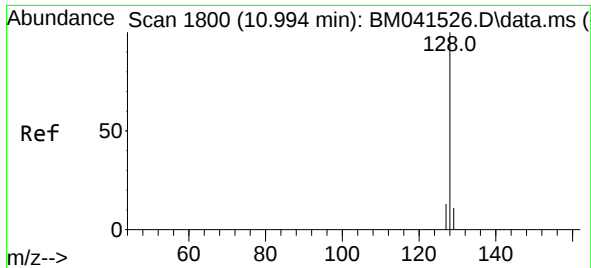
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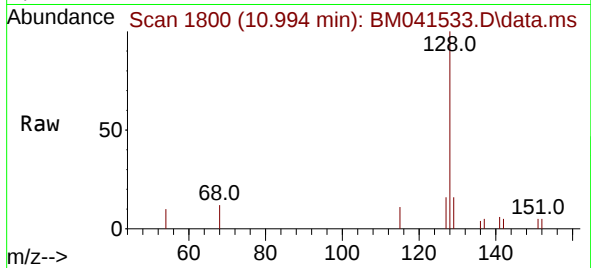
Quant Time: Aug 29 02:49:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

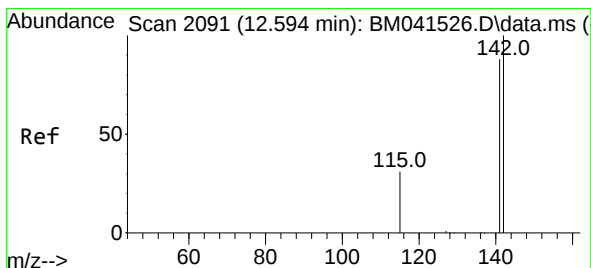
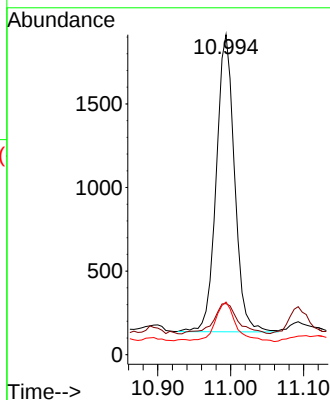
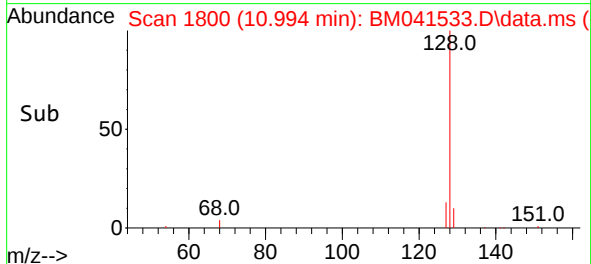
Instrument :
BNA_M
ClientSampleId :
EZYH2DL



Tgt Ion:128 Resp: 3100
Ion Ratio Lower Upper
128 100
129 16.0 8.9 13.3
127 16.5 10.6 15.8

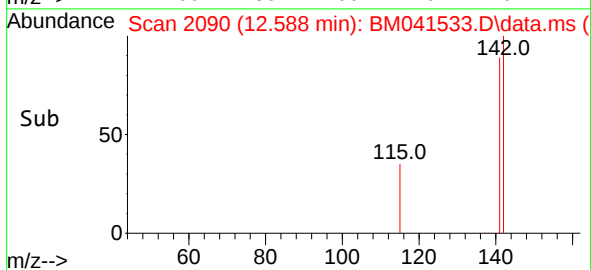
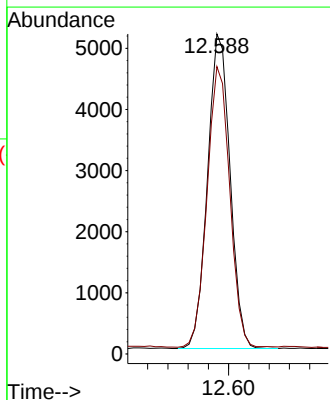
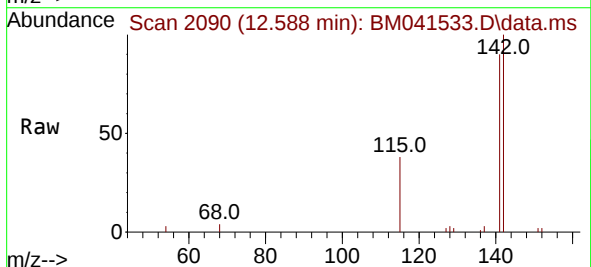
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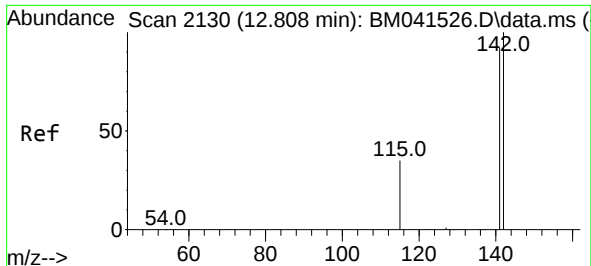
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#7
2-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

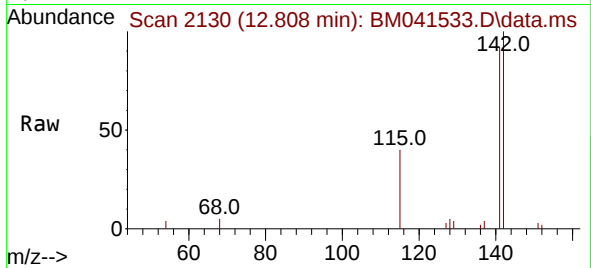
Tgt Ion:142 Resp: 7945
Ion Ratio Lower Upper
142 100
141 89.7 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.096 ng/u1
RT: 12.808 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

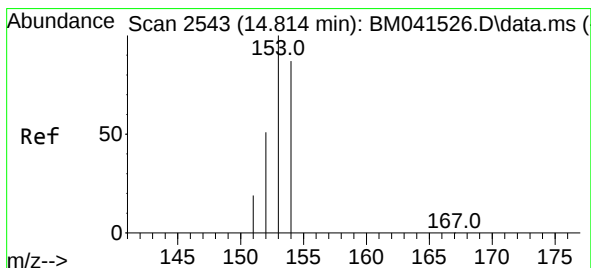
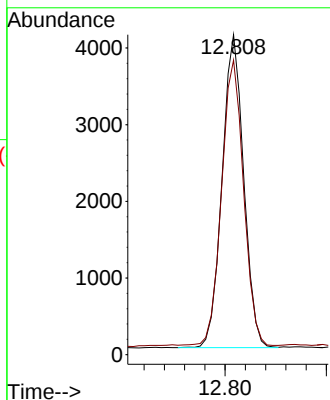
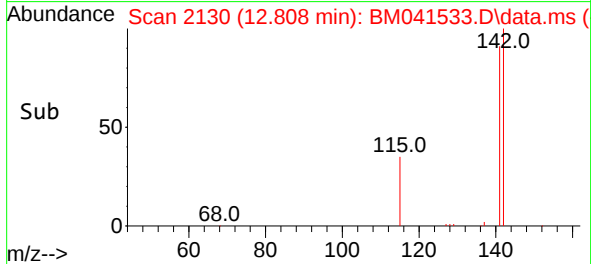
Instrument :
BNA_M
ClientSampleId :
EZYH2DL



Tgt Ion:142 Resp: 6034
Ion Ratio Lower Upper
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141 92.8 73.9 110.9

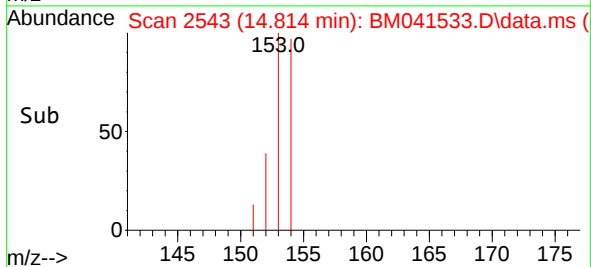
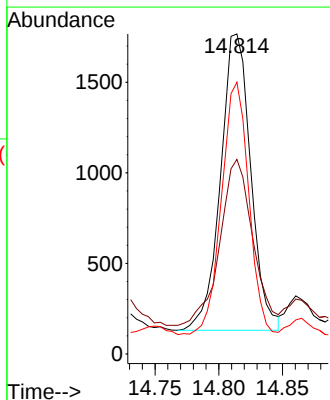
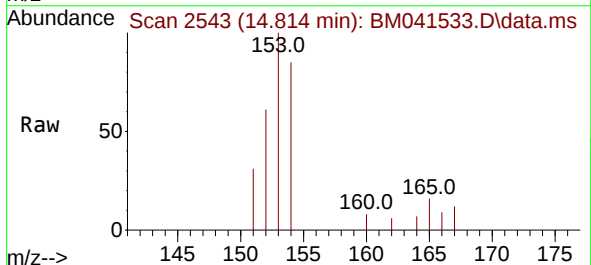
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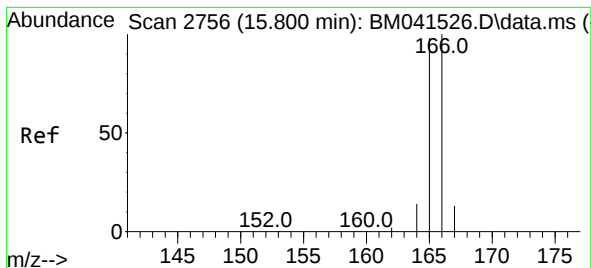
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.814 min Scan# 2543
Delta R.T. 0.000 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

Tgt Ion:153 Resp: 2705
Ion Ratio Lower Upper
153 100
152 60.8 41.1 61.7
154 84.9 69.4 104.0





#12

Fluorene

Concen: 0.031 ng/uI

RT: 15.795 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

EZYH2DL

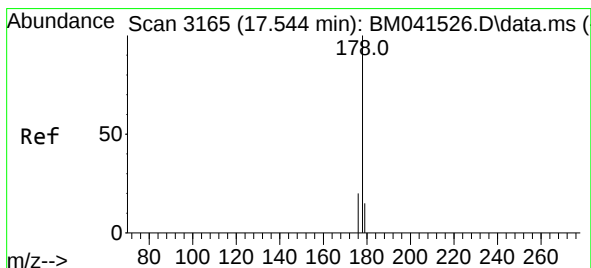
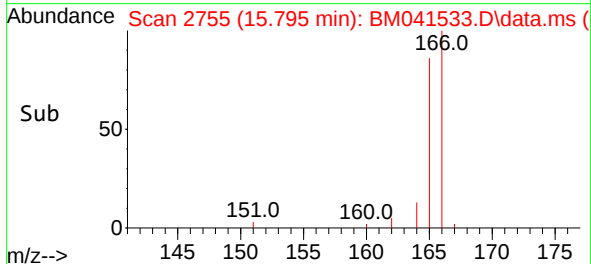
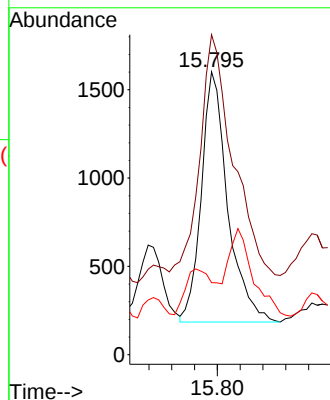
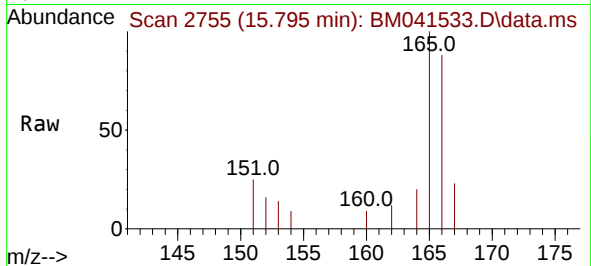
Tgt Ion:	166	Resp:	2274
Ion	Ratio	Lower	Upper
166	100		
165	113.1	79.2	118.8
167	25.5	10.8	16.2

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#15

Phenanthrene

Concen: 0.230 ng/uI

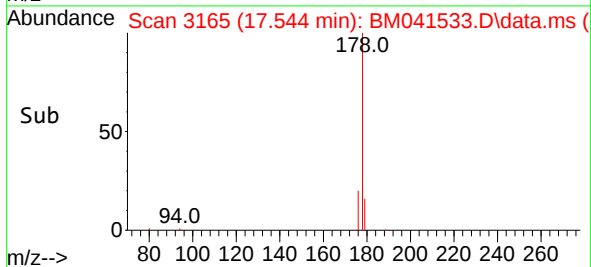
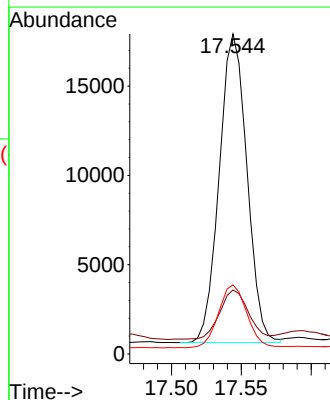
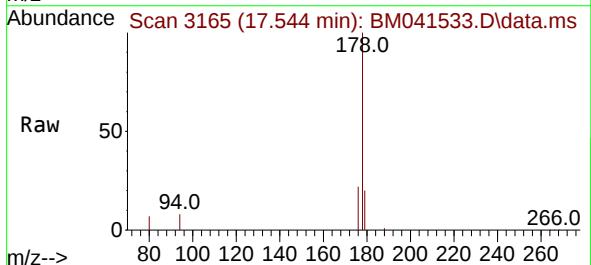
RT: 17.544 min Scan# 3165

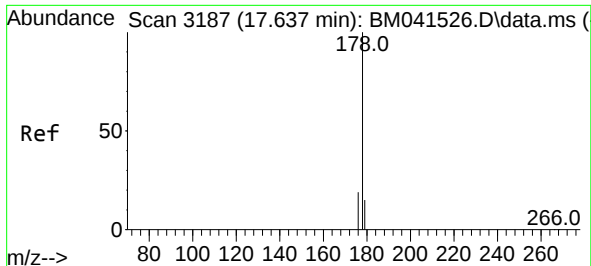
Delta R.T. 0.000 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

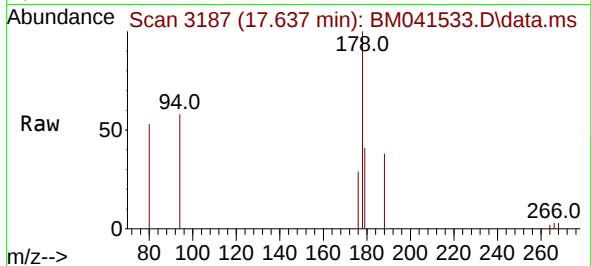
Tgt Ion:	178	Resp:	23802
Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.6	18.8
176	21.6	16.3	24.5





#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.637 min Scan# 3187
 Delta R.T. 0.000 min
 Lab File: BM041533.D
 Acq: 28 Aug 2023 22:08

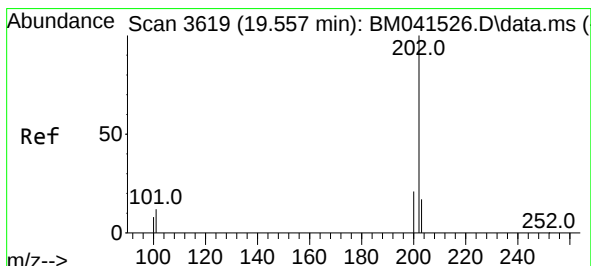
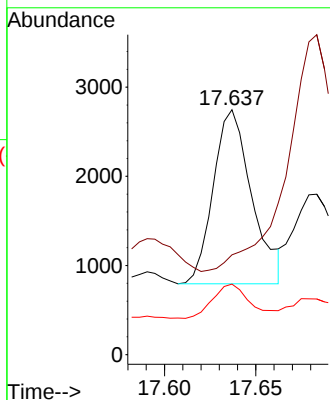
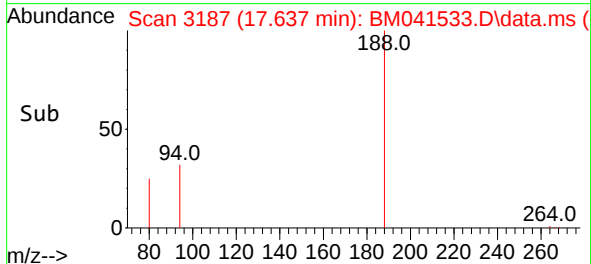
Instrument :
 BNA_M
 ClientSampleId :
 EZYH2DL



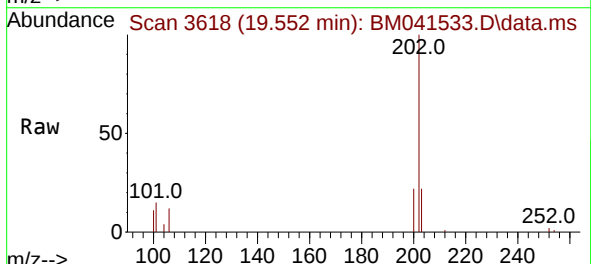
Tgt Ion:	178	Resp:	2860
Ion Ratio	Lower	Upper	
178	100		
179	40.8	12.6	19.0
176	28.8	15.9	23.9

Manual Integrations
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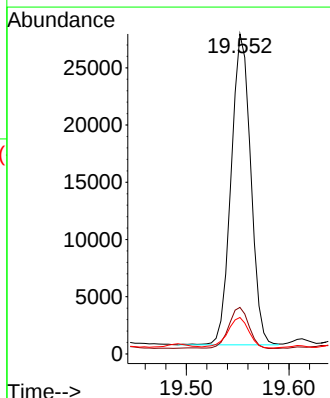
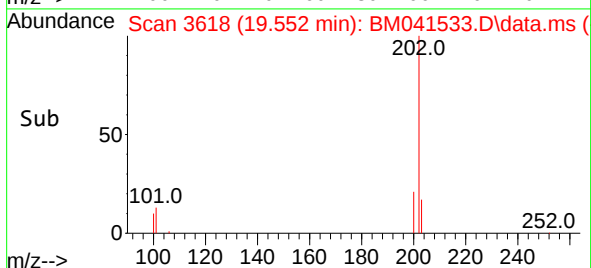
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

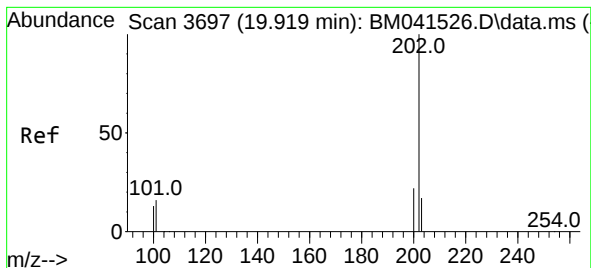


#19
 Fluoranthene
 Concen: 0.367 ng/ul
 RT: 19.552 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BM041533.D
 Acq: 28 Aug 2023 22:08



Tgt Ion:	202	Resp:	35916
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.5	15.7
100	11.4	7.8	11.6





#20

Pyrene

Concen: 0.425 ng/ul m

RT: 19.919 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

EZYH2DL

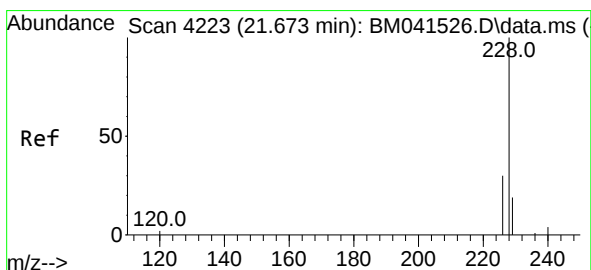
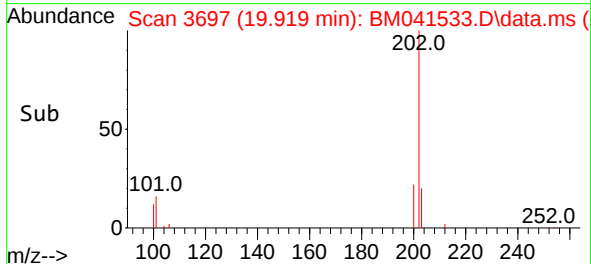
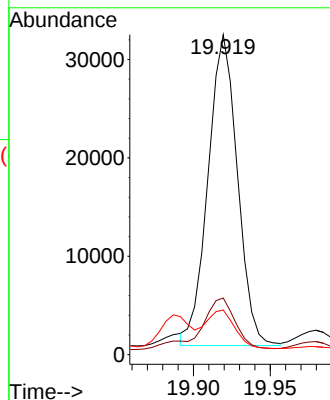
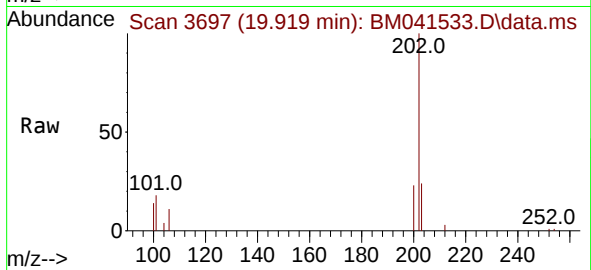
Tgt Ion:	202	Resp:	4215
Ion Ratio	Lower	Upper	
202	100		
101	17.7	11.6	17.4
100	13.9	9.1	13.7

Manual Integrations

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Supervised By :mohammad ahmed 08/29/2023



#21

Benzo(a)anthracene

Concen: 0.184 ng/ul

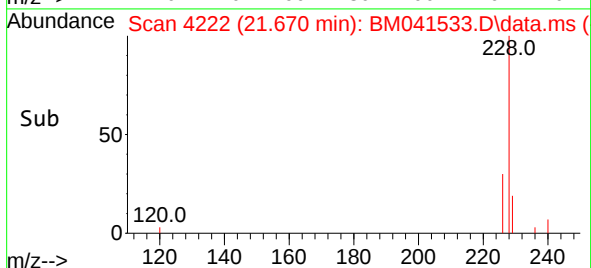
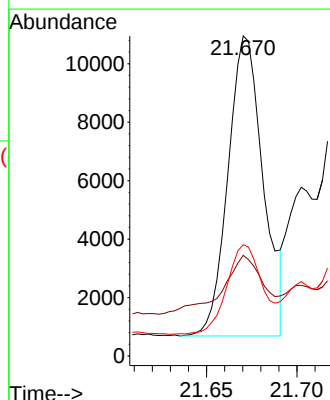
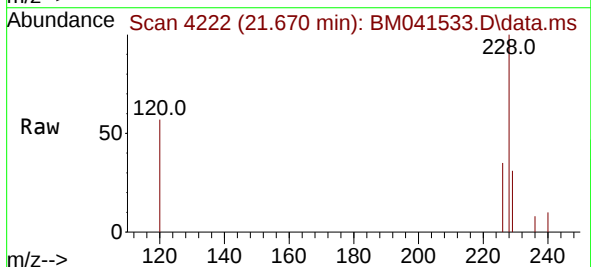
RT: 21.670 min Scan# 4222

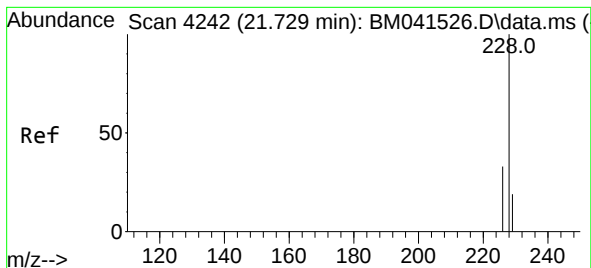
Delta R.T. -0.006 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

Tgt Ion:	228	Resp:	13896
Ion Ratio	Lower	Upper	
228	100		
229	31.4	15.8	23.6
226	34.7	24.0	36.0





#22

Chrysene

Concen: 0.279 ng/ul m

RT: 21.726 min Scan# 4242

Delta R.T. -0.006 min

Lab File: BM041533.D

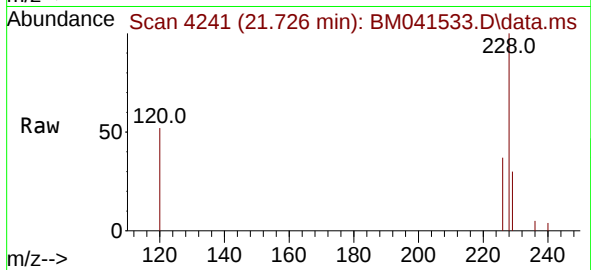
Acq: 28 Aug 2023 22:08

Instrument :

BNA_M

ClientSampleId :

EZYH2DL



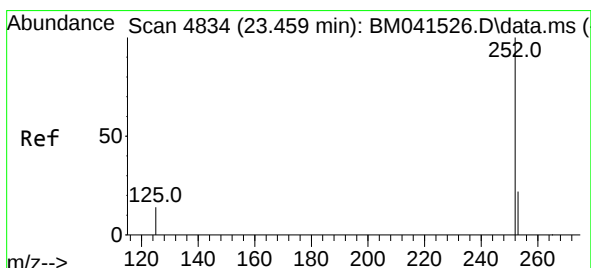
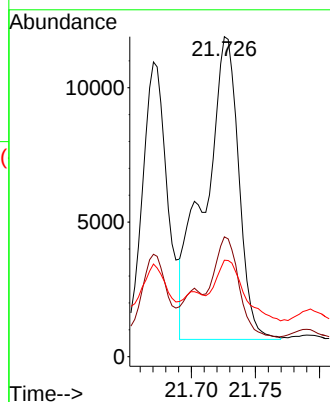
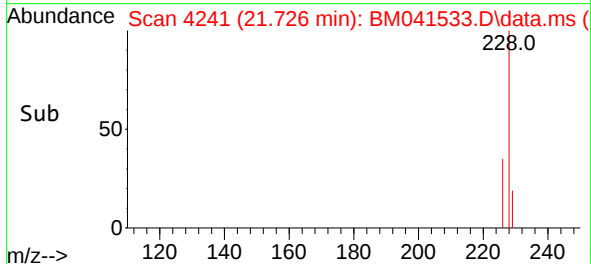
Tgt Ion:	228	Resp:	20814
Ion Ratio	Lower	Upper	
228	100		
226	37.4	26.3	39.5
229	30.2	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 08/29/2023



#24

Benzo(b)fluoranthene

Concen: 0.438 ng/ul

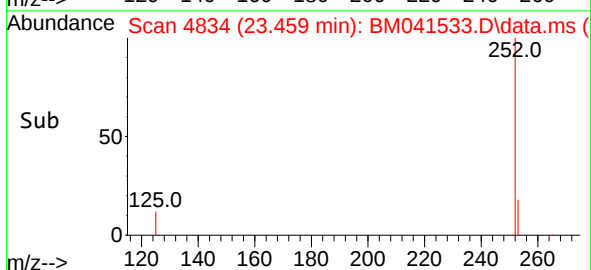
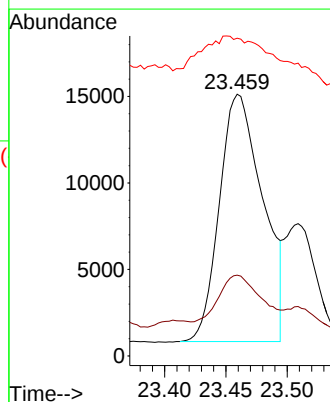
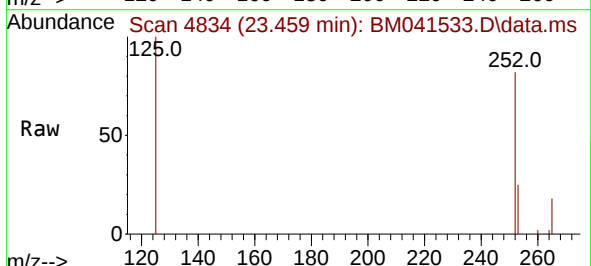
RT: 23.459 min Scan# 4834

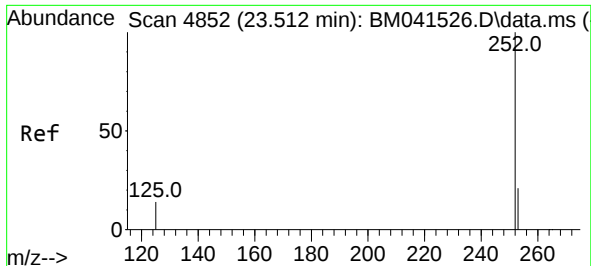
Delta R.T. -0.003 min

Lab File: BM041533.D

Acq: 28 Aug 2023 22:08

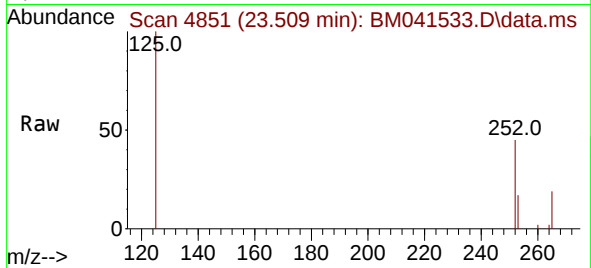
Tgt Ion:	252	Resp:	35266
Ion Ratio	Lower	Upper	
252	100		
253	30.9	0.0	47.0
125	121.4	0.0	37.2





#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul m
RT: 23.509 min Scan# 4851
Delta R.T. -0.009 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

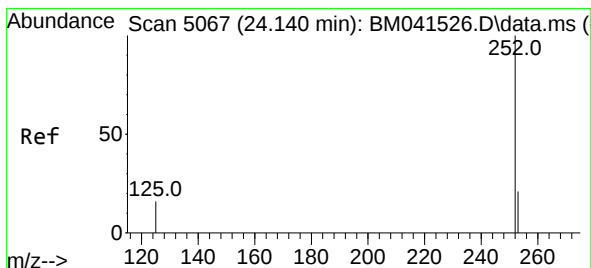
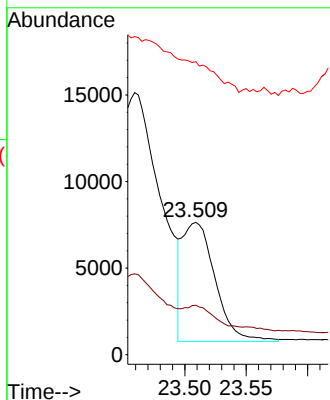
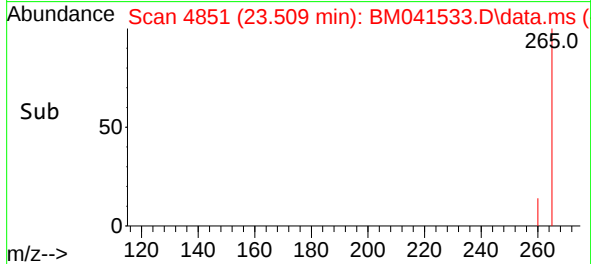
Instrument :
BNA_M
ClientSampleId :
EZYH2DL



Tgt Ion:252 Resp: 1275
Ion Ratio Lower Upper
252 100
253 37.4 19.3 28.9#
125 221.4 15.0 22.4#

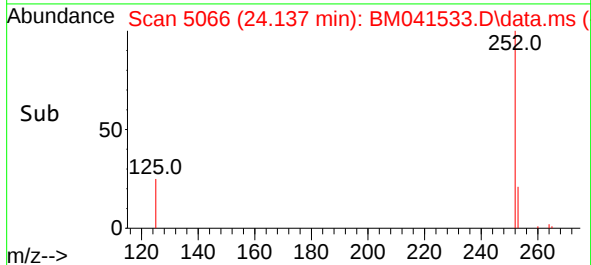
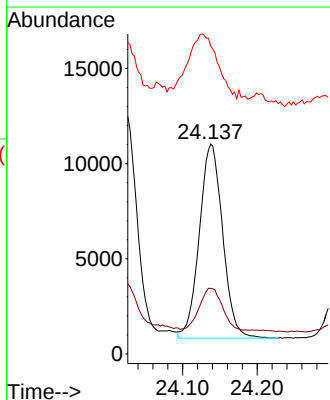
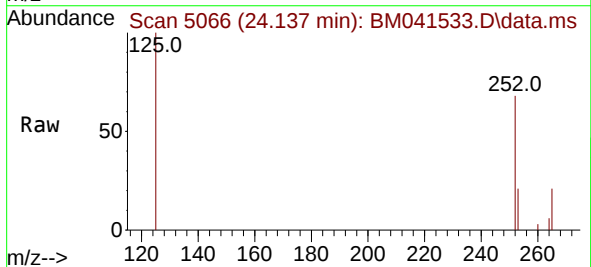
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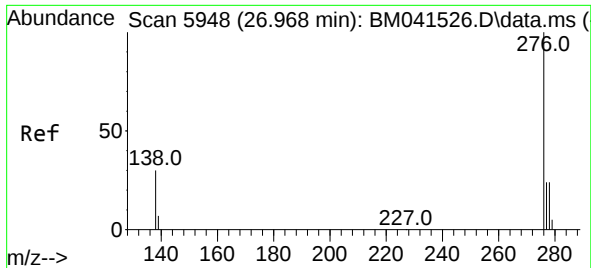
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 24.137 min Scan# 5066
Delta R.T. -0.006 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

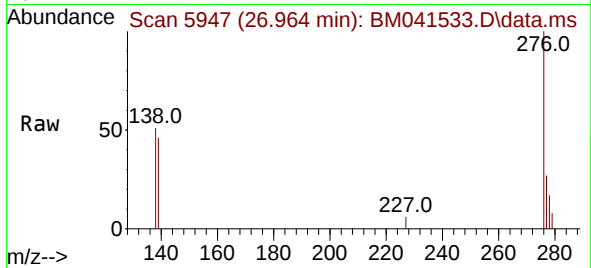
Tgt Ion:252 Resp: 22160
Ion Ratio Lower Upper
252 100
253 31.2 20.0 30.0#
125 146.9 17.1 25.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 26.964 min Scan# 5948
Delta R.T. -0.007 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

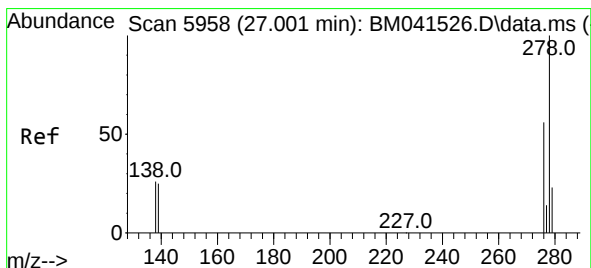
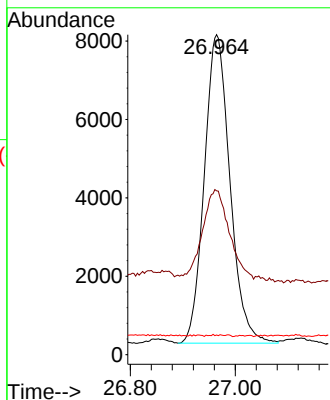
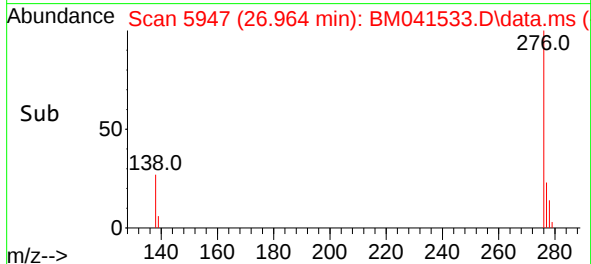
Instrument :
BNA_M
ClientSampleId :
EZYH2DL



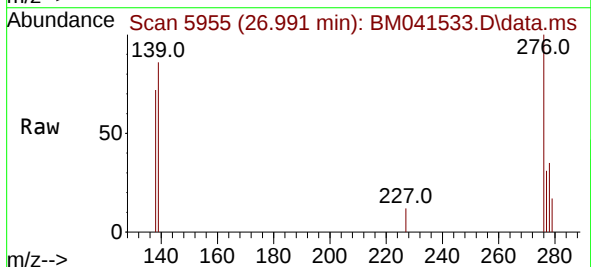
Tgt Ion: 276 Resp: 26718
Ion Ratio Lower Upper
276 100
138 30.0 27.3 40.9
227 0.2 0.0 0.0

Manual Integrations
APPROVED

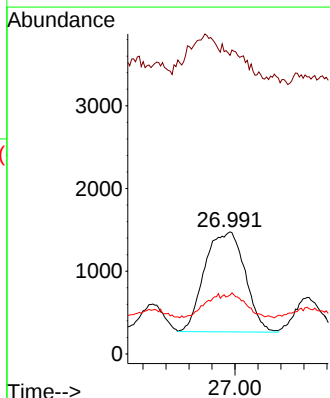
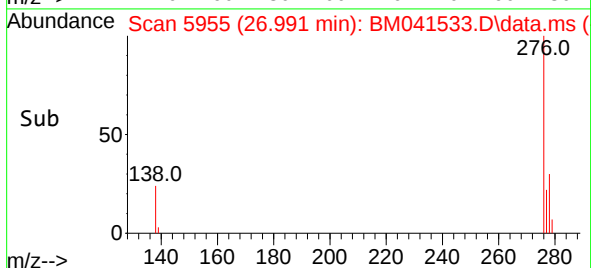
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

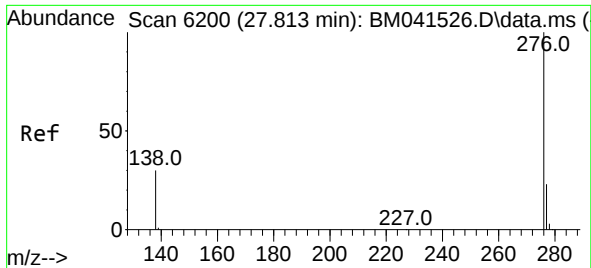


#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 26.991 min Scan# 5955
Delta R.T. -0.017 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08



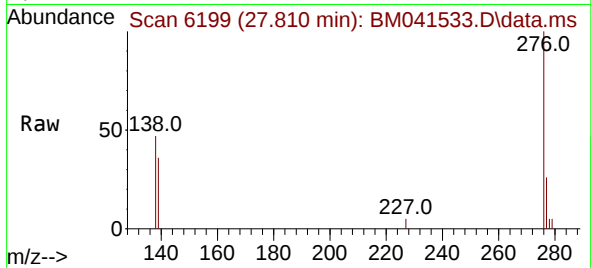
Tgt Ion: 278 Resp: 5905
Ion Ratio Lower Upper
278 100
139 244.7 22.2 33.2#
279 48.2 20.4 30.6#





#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.810 min Scan# 6199
Delta R.T. -0.007 min
Lab File: BM041533.D
Acq: 28 Aug 2023 22:08

Instrument :
BNA_M
ClientSampleId :
EZYH2DL



Tgt Ion:276 Resp: 30789
Ion Ratio Lower Upper
276 100
138 46.8 25.9 38.9
277 26.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

