

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041633.D
 Acq On : 01 Sep 2023 02:04
 Operator : MA/JU
 Sample : 04148-11
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBK07

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 02:36:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	6724	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.939	136	14892	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.745	164	6339	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.493	188	11931	0.400	ng/ul	-0.01
17) Chrysene-d12	21.676	240	5260	0.400	ng/ul	-0.01
23) Perylene-d12	24.231	264	6846	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	33002	3.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5310	0.296	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	8459	0.326	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	3602	0.340	ng/ul	93
15) Phenanthrene	17.536	178	4739	0.091	ng/ul	96
16) Anthracene	17.628	178	1546	0.034	ng/ul#	83
19) Fluoranthene	19.543	202	10520	0.152	ng/ul	99
20) Pyrene	19.910	202	9840	0.142	ng/ul	95
21) Benzo(a)anthracene	21.656	228	2966	0.063	ng/ul#	93
22) Chrysene	21.711	228	3398	0.067	ng/ul#	92
24) Benzo(b)fluoranthene	23.436	252	5188	0.082	ng/ul	67
25) Benzo(k)fluoranthene	23.488	252	1877m	0.031	ng/ul	
26) Benzo(a)pyrene	24.117	252	3721	0.066	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.921	276	3450	0.046	ng/ul#	85
29) Benzo(g,h,i)perylene	27.759	276	3980	0.063	ng/ul#	88

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

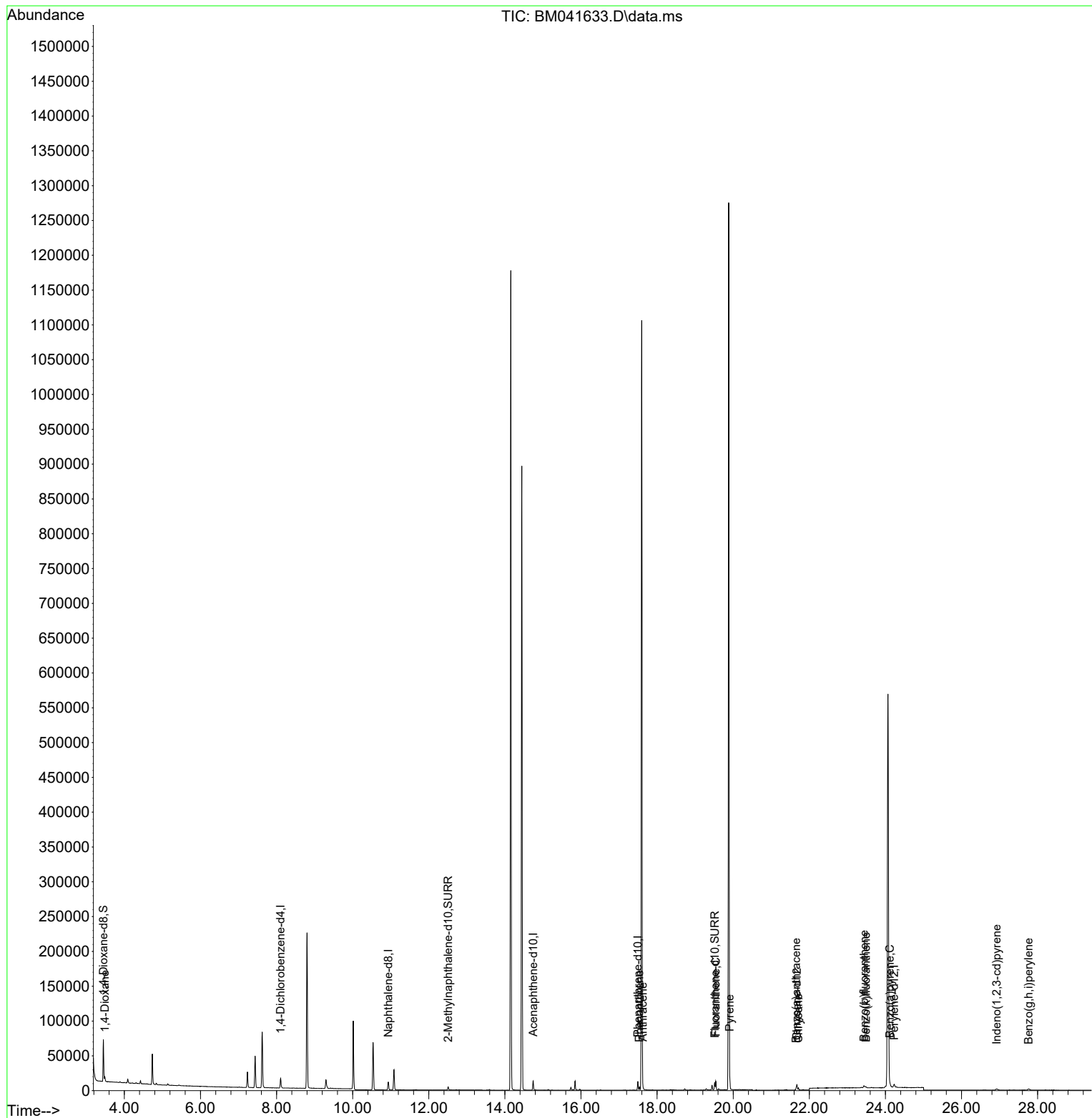
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041633.D
Acq On : 01 Sep 2023 02:04
Operator : MA/JU
Sample : 04148-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

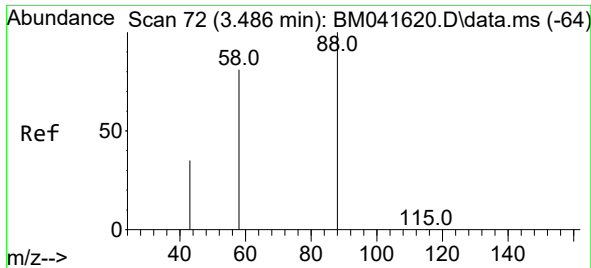
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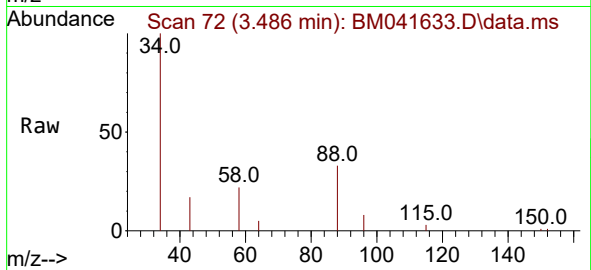
Quant Time: Sep 01 02:36:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.340 ng/ul
RT: 3.486 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04

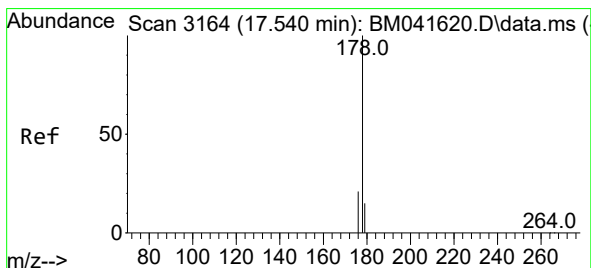
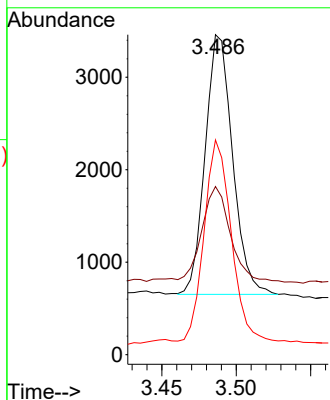
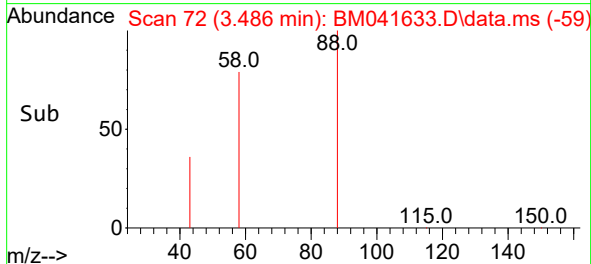
Instrument :
BNA_M
ClientSampleId :
BBK07



Tgt Ion: 88 Resp: 360
Ion Ratio Lower Upper
88 100
43 52.6 46.2 69.2
58 67.1 58.1 87.1

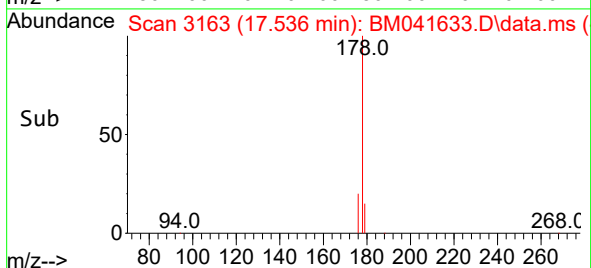
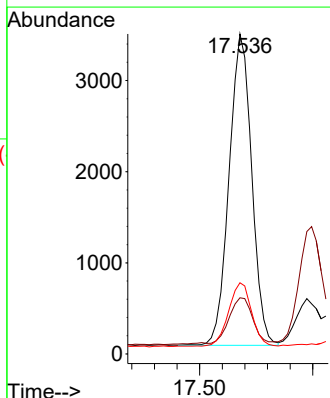
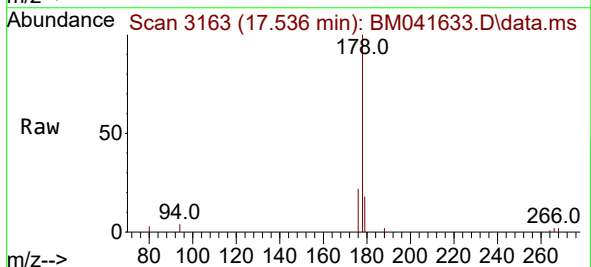
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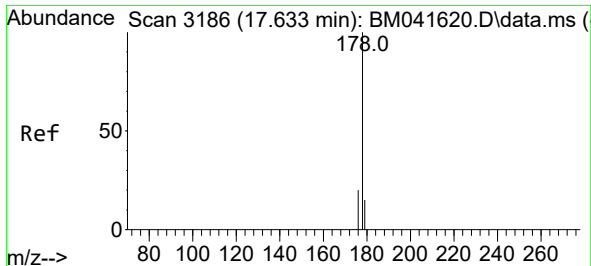
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#15
Phenanthrene
Concen: 0.091 ng/ul
RT: 17.536 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04

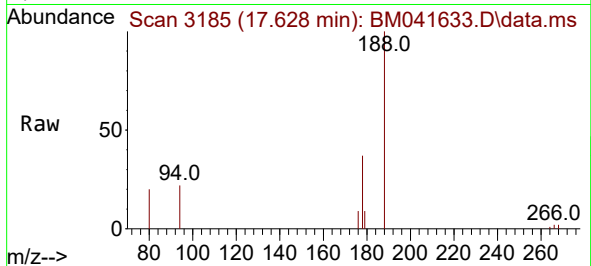
Tgt Ion:178 Resp: 4739
Ion Ratio Lower Upper
178 100
179 17.6 12.6 19.0
176 22.3 16.2 24.4





#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.628 min Scan# 3186
 Delta R.T. -0.012 min
 Lab File: BM041633.D
 Acq: 01 Sep 2023 02:04

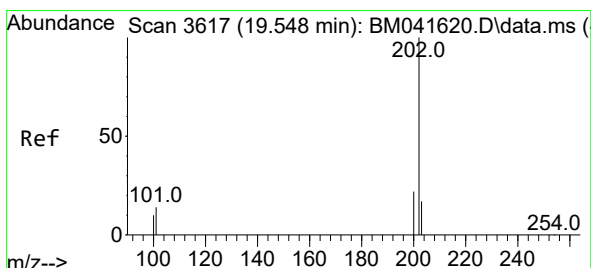
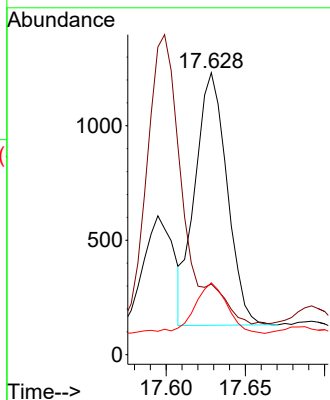
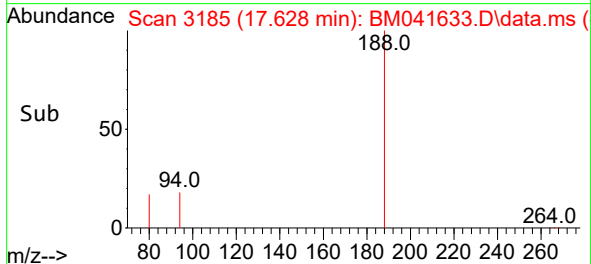
Instrument :
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Tgt Ion:178 Resp: 1540
 Ion Ratio Lower Upper
 178 100
 179 25.1 12.9 19.3
 176 25.5 15.6 23.4

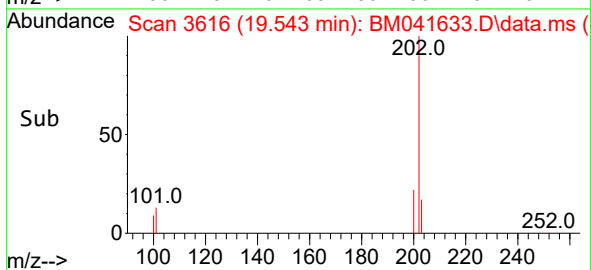
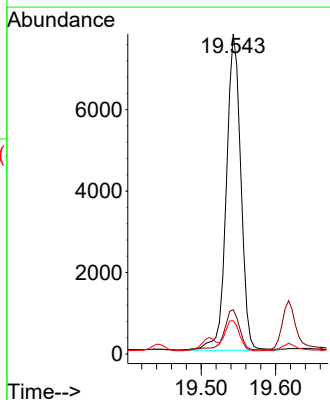
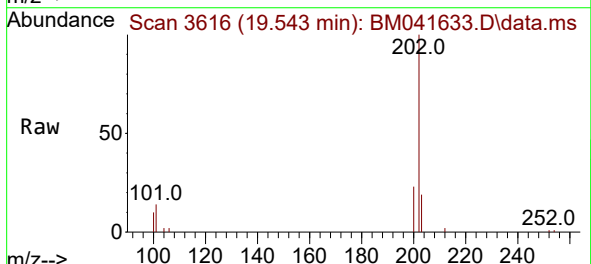
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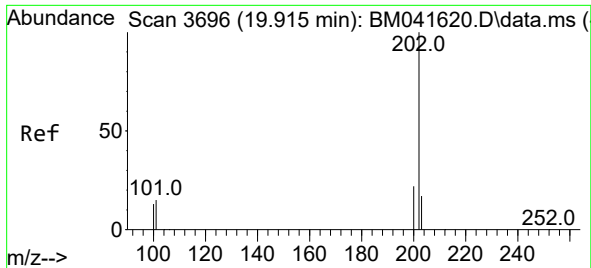
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#19
 Fluoranthene
 Concen: 0.152 ng/ul
 RT: 19.543 min Scan# 3616
 Delta R.T. -0.014 min
 Lab File: BM041633.D
 Acq: 01 Sep 2023 02:04

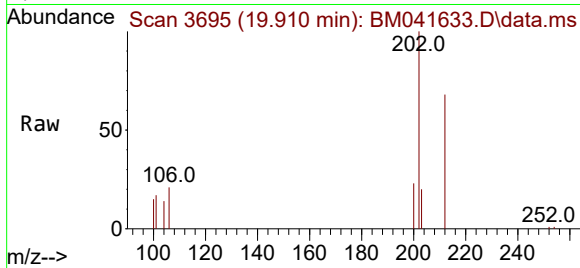
Tgt Ion:202 Resp: 10520
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.7 16.1
 100 10.4 8.1 12.1





#20
Pyrene
Concen: 0.142 ng/ul
RT: 19.910 min Scan# 3695
Delta R.T. -0.014 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04

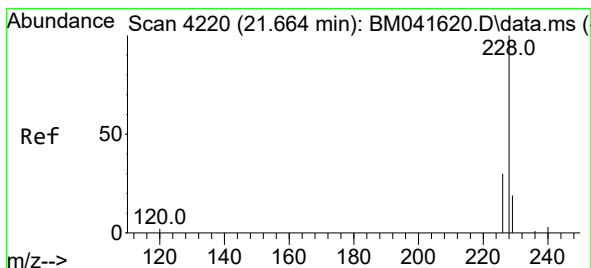
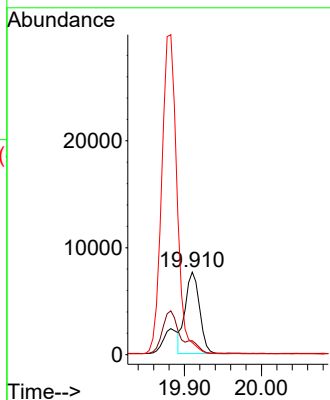
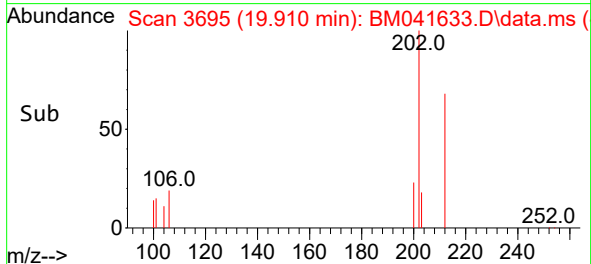
Instrument :
BNA_M
ClientSampleId :
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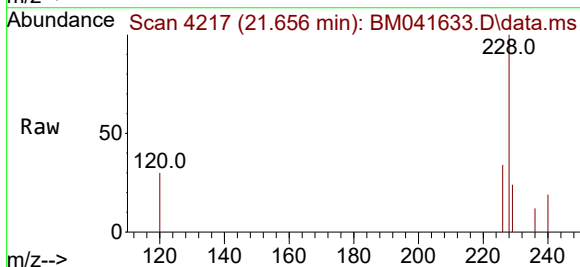
Tgt Ion:202 Resp: 9840
Ion Ratio Lower Upper
202 100
101 16.8 12.2 18.4
100 14.5 9.8 14.8

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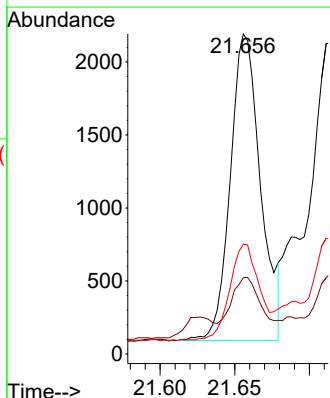
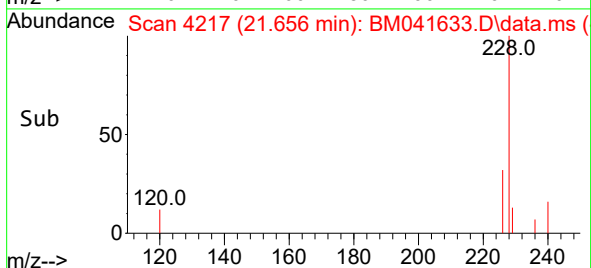
Reviewed By :Yogesh Patel 09/01/2023
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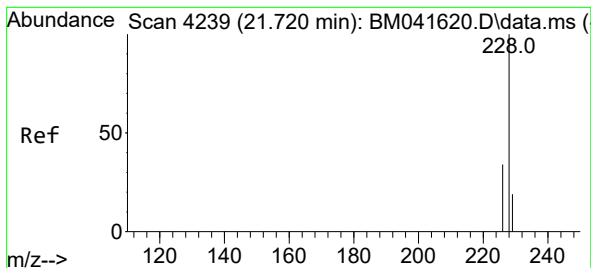


#21
Benzo(a)anthracene
Concen: 0.063 ng/ul
RT: 21.656 min Scan# 4217
Delta R.T. -0.014 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04



Tgt Ion:228 Resp: 2966
Ion Ratio Lower Upper
228 100
229 23.9 15.6 23.4#
226 34.3 25.0 37.4





#22

Chrysene

Concen: 0.067 ng/ul

RT: 21.711 min Scan# 4239

Delta R.T. -0.017 min

Lab File: BM041633.D

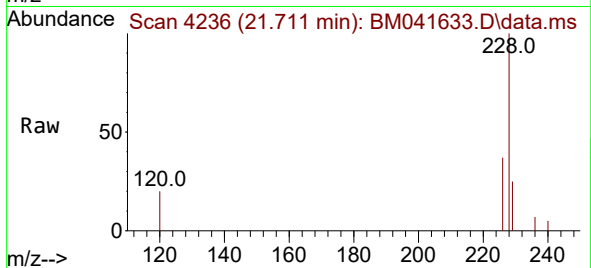
Acq: 01 Sep 2023 02:04

Instrument :

BNA_M

ClientSampleId :

BBK07



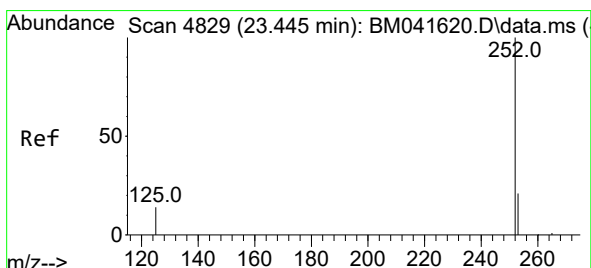
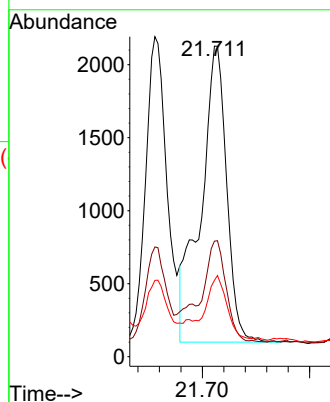
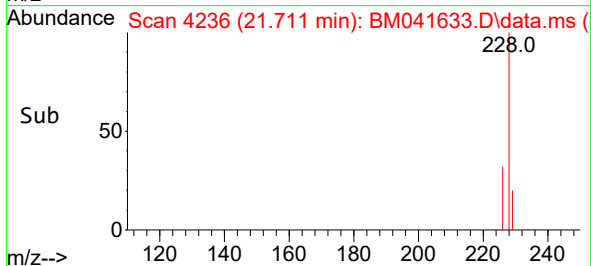
Tgt Ion:	228	Resp:	3398
Ion Ratio	Lower	Upper	
228	100		
226	37.2	26.7	40.1
229	24.6	15.9	23.9

Manual Integrations

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Supervised By :mohammad ahmed 09/01/2023



#24

Benzo(b)fluoranthene

Concen: 0.082 ng/ul

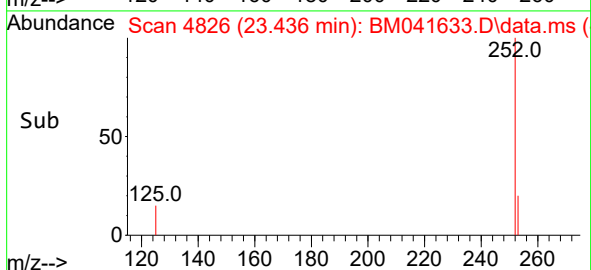
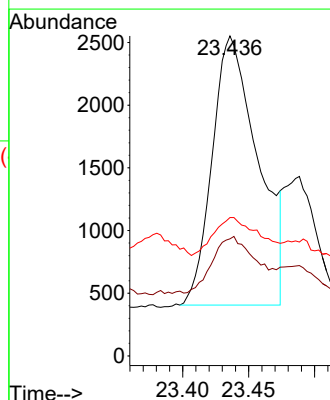
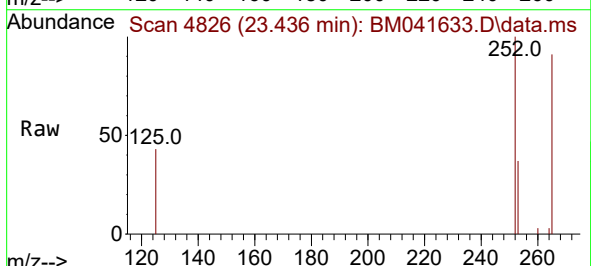
RT: 23.436 min Scan# 4826

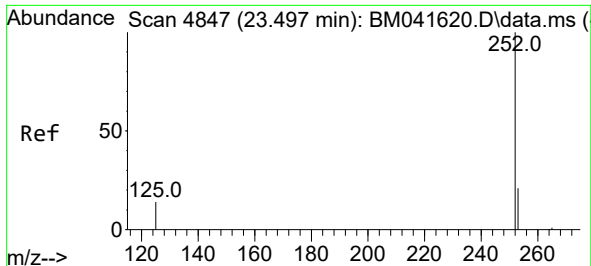
Delta R.T. -0.023 min

Lab File: BM041633.D

Acq: 01 Sep 2023 02:04

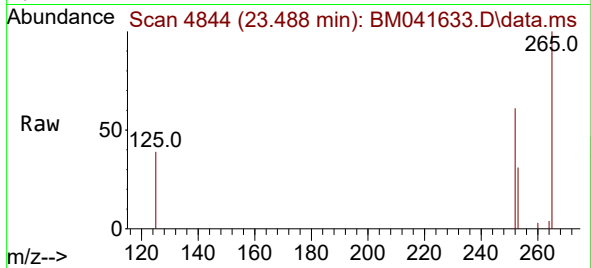
Tgt Ion:	252	Resp:	5188
Ion Ratio	Lower	Upper	
252	100		
253	36.6	0.0	50.0
125	43.2	0.0	44.0





#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul m
RT: 23.488 min Scan# 4844
Delta R.T. -0.023 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04

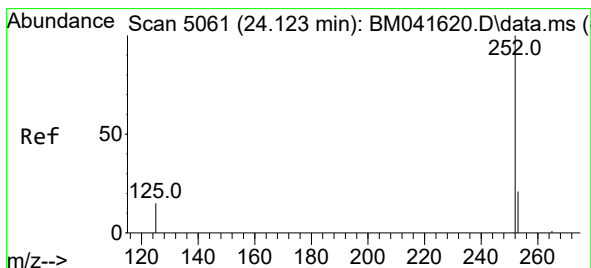
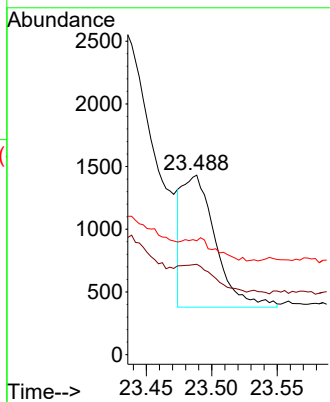
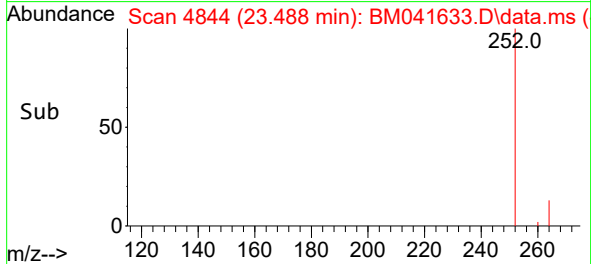
Instrument :
BNA_M
ClientSampleId :
BBK07



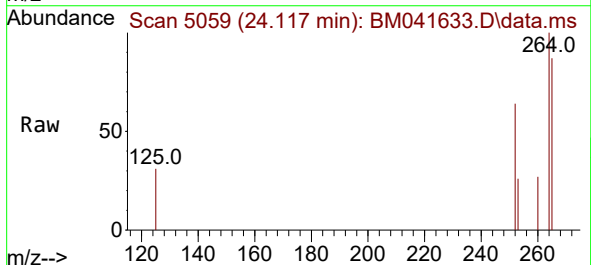
Tgt Ion:252 Resp: 187
Ion Ratio Lower Upper
252 100
253 50.4 20.2 30.4
125 63.5 18.2 27.4

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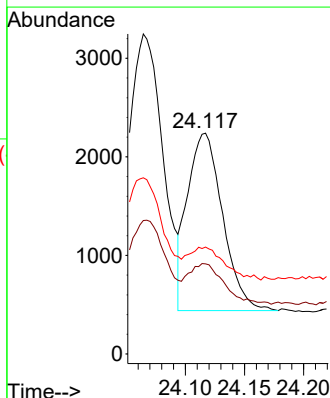
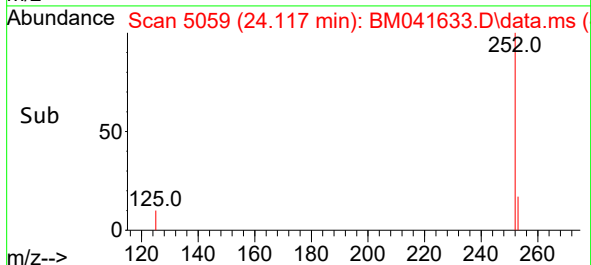
Reviewed By :Yogesh Patel 09/01/2023
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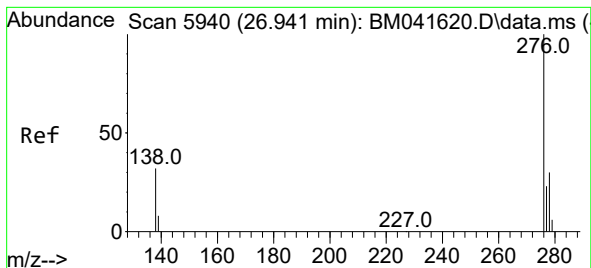


#26
Benzo(a)pyrene
Concen: 0.066 ng/ul
RT: 24.117 min Scan# 5059
Delta R.T. -0.020 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04



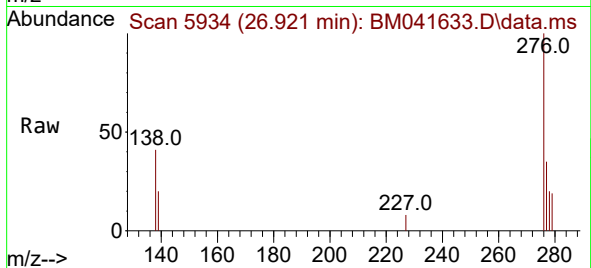
Tgt Ion:252 Resp: 3721
Ion Ratio Lower Upper
252 100
253 40.8 20.9 31.3#
125 48.4 21.1 31.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 26.921 min Scan# 5940
Delta R.T. -0.043 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04

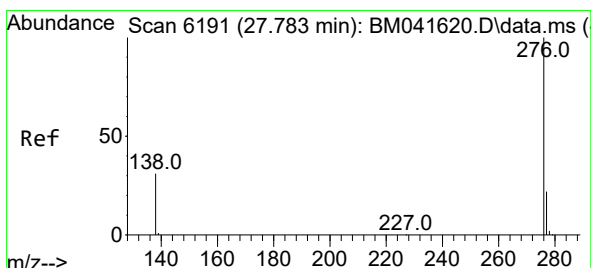
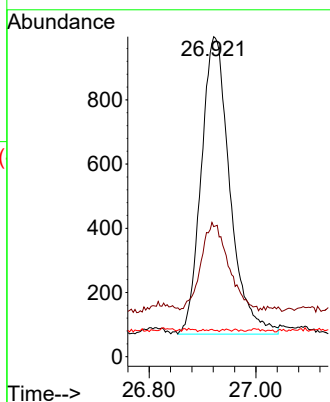
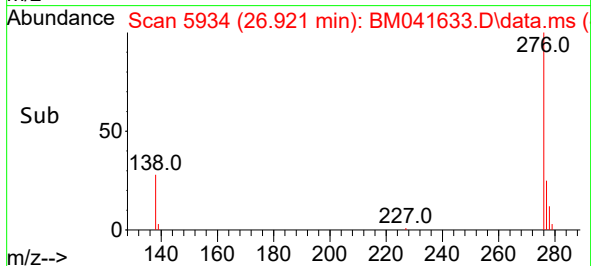
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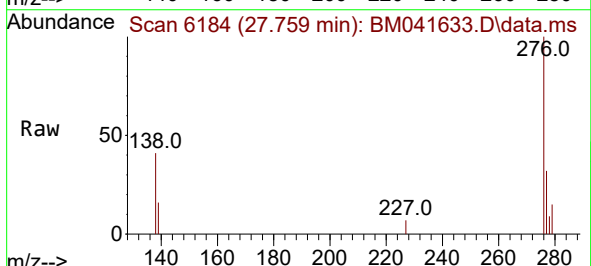
Tgt Ion:276 Resp: 3450
Ion Ratio Lower Upper
276 100
138 28.8 30.3 45.5
227 0.1 0.1 0.1

Manual Integrations
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Supervised By :mohammad ahmed 09/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 27.759 min Scan# 6184
Delta R.T. -0.047 min
Lab File: BM041633.D
Acq: 01 Sep 2023 02:04



Tgt Ion:276 Resp: 3980
Ion Ratio Lower Upper
276 100
138 41.1 27.4 41.0#
277 31.6 20.4 30.6#

