

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037228.D
 Acq On : 25 Oct 2022 14:58
 Operator : CG/JU
 Sample : N5144-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 31 01:02:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5098	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	16104	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	9465	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	19832	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	16029	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	12551	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	20782	3.343	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5543	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	14028	0.289	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	2507	0.053	ng/ul#	91
7) 2-Methylnaphthalene	12.365	142	1891	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	1553	0.053	ng/ul	99
10) Acenaphthylene	14.252	152	984	0.024	ng/ul#	69
15) Phenanthrene	17.310	178	3869	0.058	ng/ul	95
19) Fluoranthene	19.322	202	7761	0.111	ng/ul	96
20) Pyrene	19.685	202	7876m	0.112	ng/ul	
21) Benzo(a)anthracene	21.432	228	3863	0.062	ng/ul	92
22) Chrysene	21.484	228	4471	0.062	ng/ul	93
24) Benzo(b)fluoranthene	23.098	252	5268	0.079	ng/ul#	53
25) Benzo(k)fluoranthene	23.141	252	2137m	0.033	ng/ul	
26) Benzo(a)pyrene	23.712	252	2929	0.055	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.272	276	2178	0.029	ng/ul#	89
29) Benzo(g,h,i)perylene	27.029	276	1860	0.028	ng/ul#	71

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

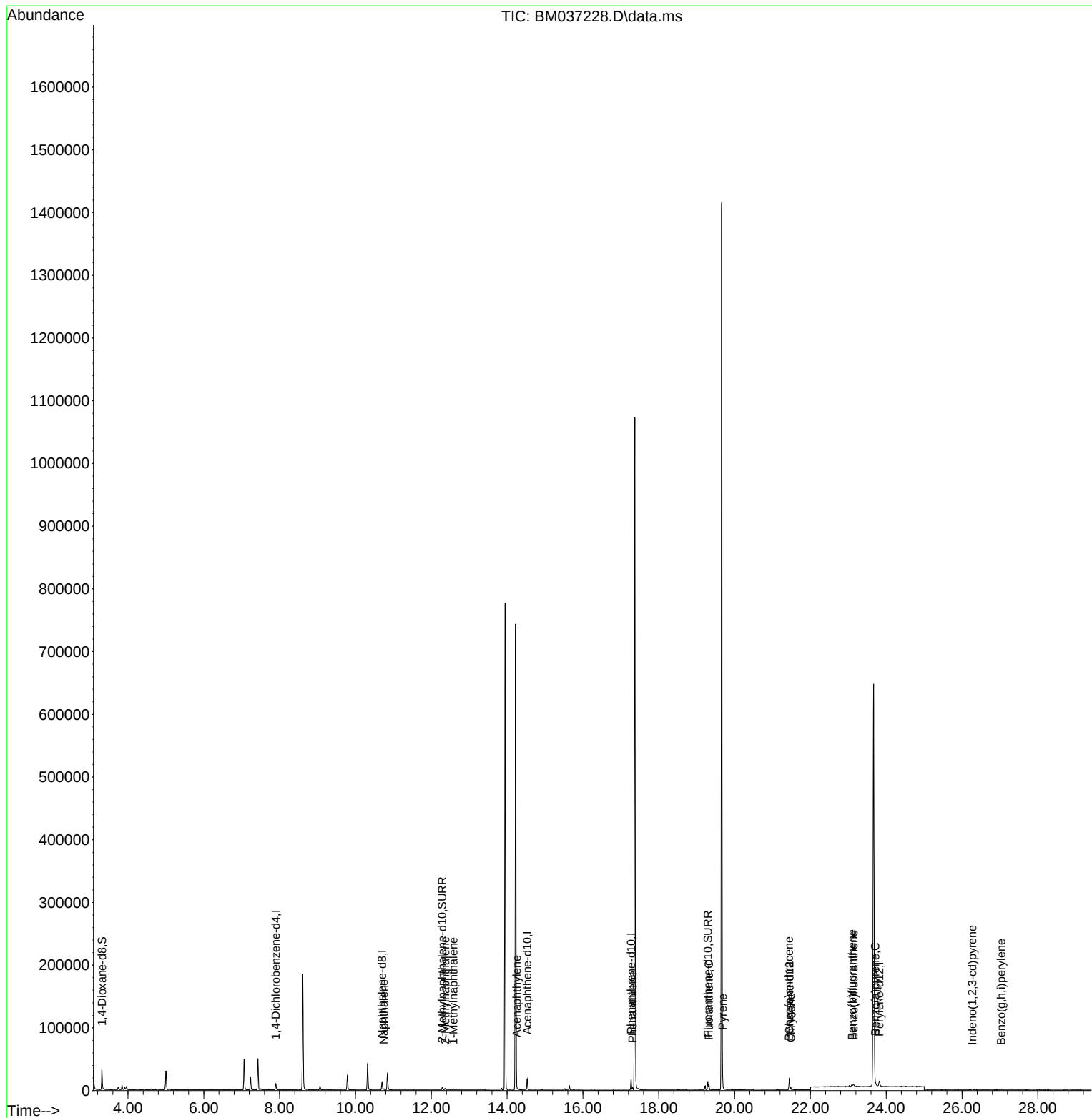
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037228.D
Acq On : 25 Oct 2022 14:58
Operator : CG/JU
Sample : N5144-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

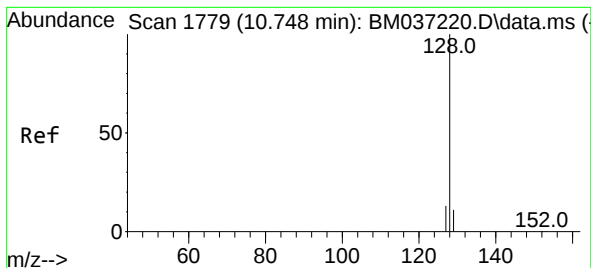
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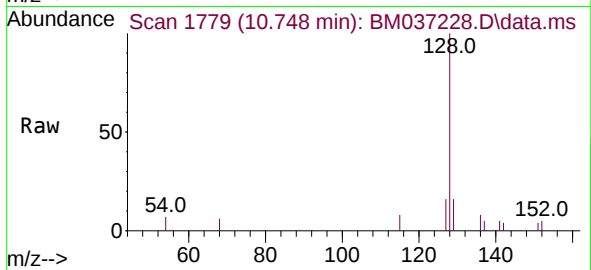
Quant Time: Oct 31 01:02:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

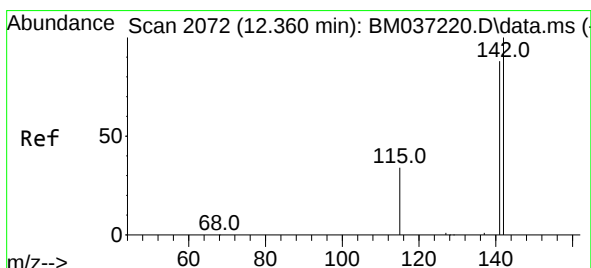
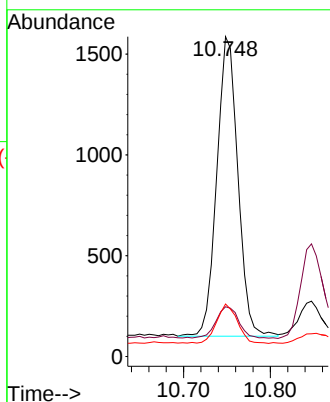
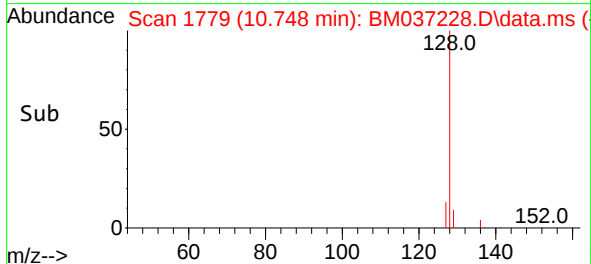
Instrument :
BNA_M
ClientSampleId :
C0BR0



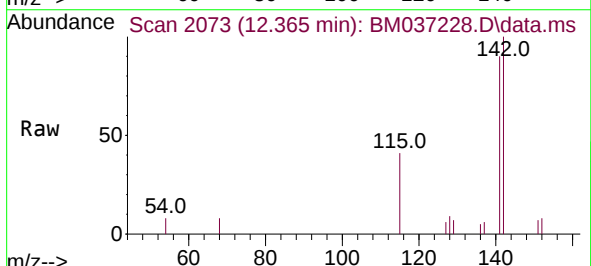
Tgt Ion:128 Resp: 2507
Ion Ratio Lower Upper
128 100
129 15.6 9.3 13.9
127 16.4 10.5 15.7

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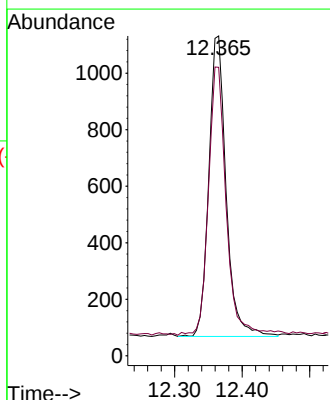
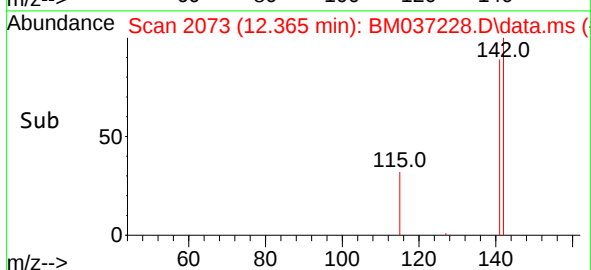
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

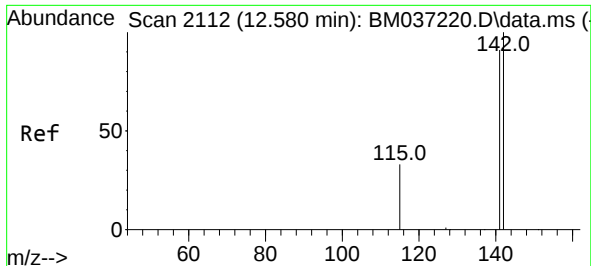


#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. 0.005 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58



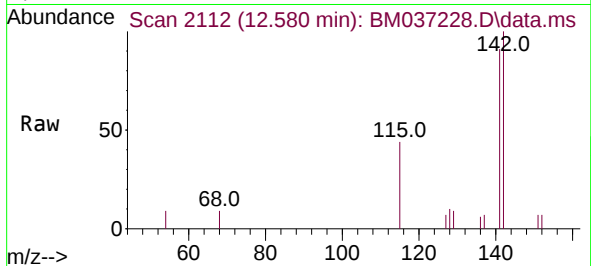
Tgt Ion:142 Resp: 1891
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

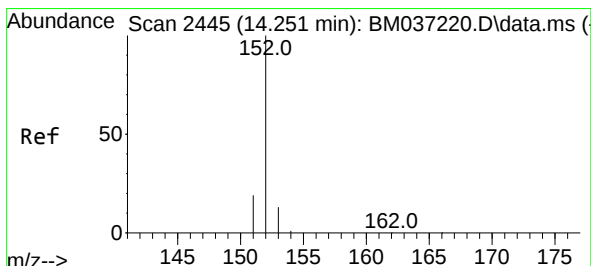
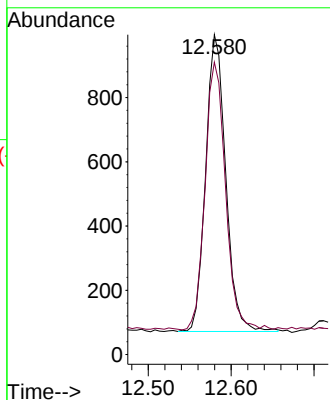
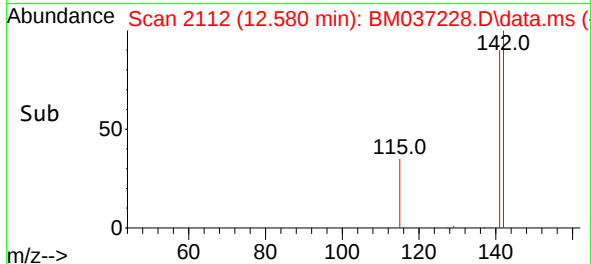
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1553
Ion Ratio Lower Upper
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141 92.1 74.2 111.4

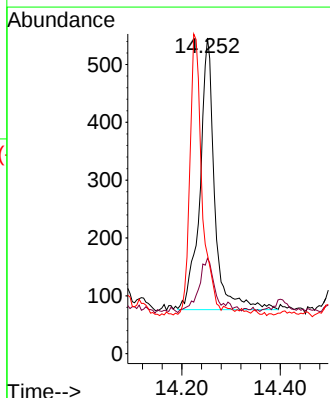
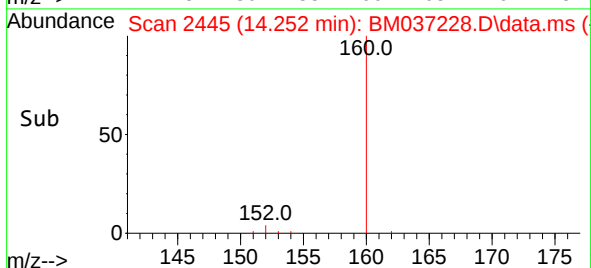
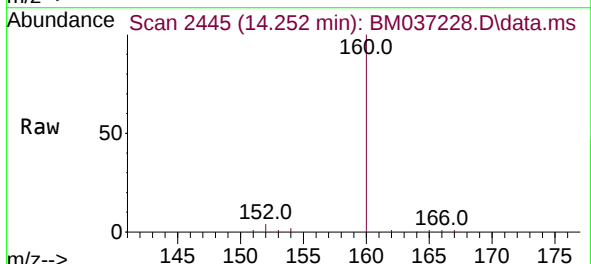
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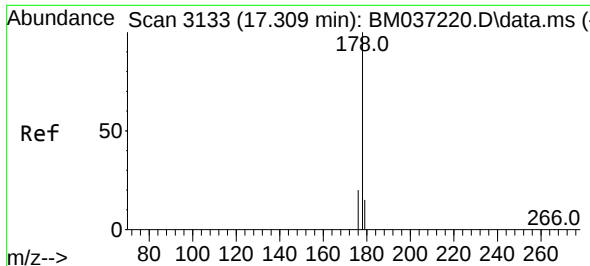
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

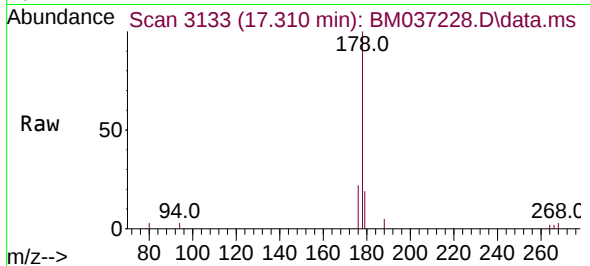
Tgt Ion:152 Resp: 984
Ion Ratio Lower Upper
152 100
151 30.2 16.2 24.2#
153 31.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.310 min Scan# 3133
Delta R.T. -0.004 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

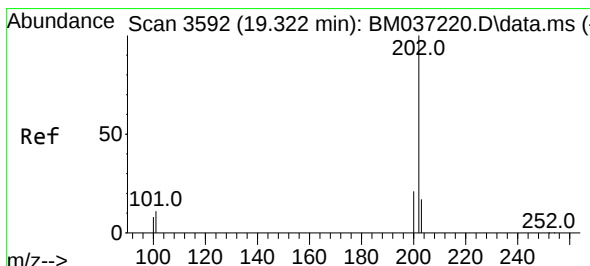
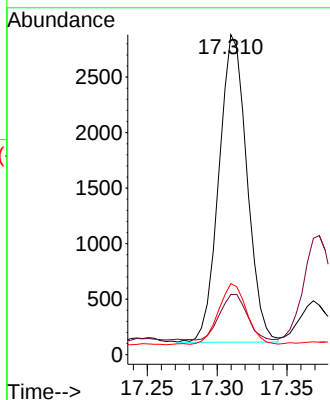
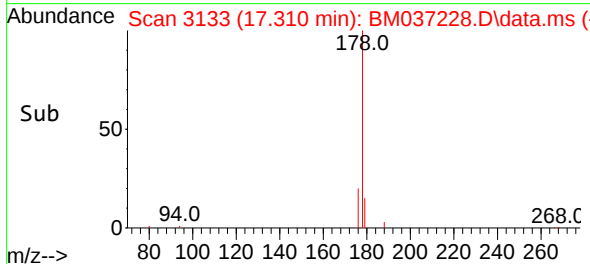
Instrument :
BNA_M
ClientSampleId :
C0BR0



Tgt Ion:178 Resp: 3869
Ion Ratio Lower Upper
178 100
179 18.8 13.0 19.6
176 22.2 16.1 24.1

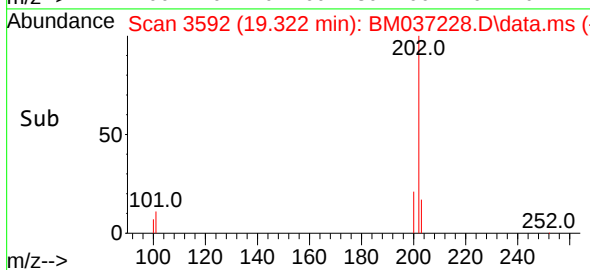
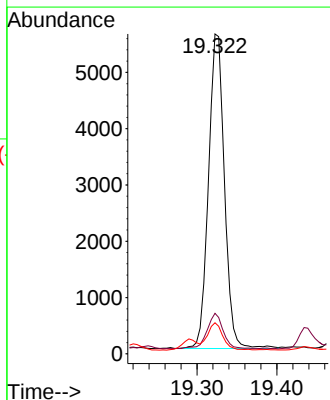
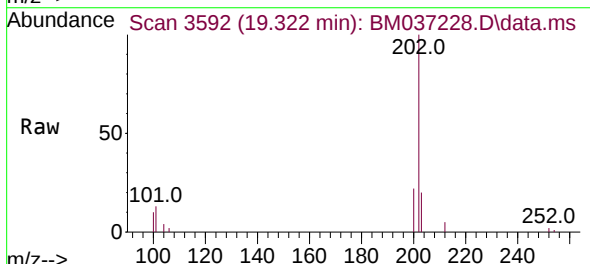
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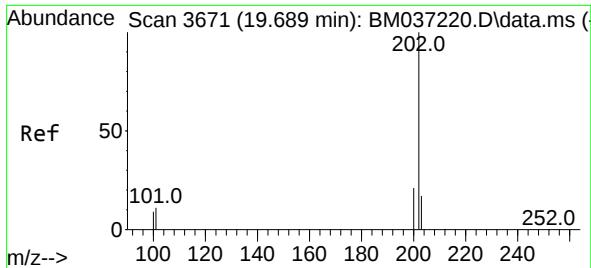
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#19
Fluoranthene
Concen: 0.111 ng/ul
RT: 19.322 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

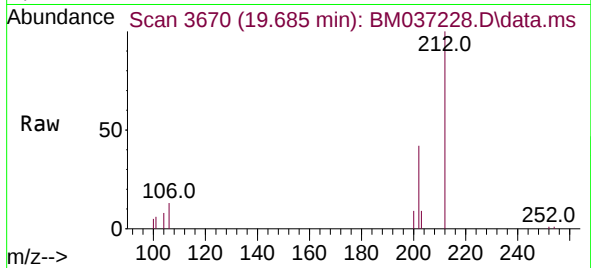
Tgt Ion:202 Resp: 7761
Ion Ratio Lower Upper
202 100
101 12.7 8.9 13.3
100 9.7 6.9 10.3





#20
Pyrene
Concen: 0.112 ng/ul m
RT: 19.685 min Scan# 3671
Delta R.T. -0.000 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

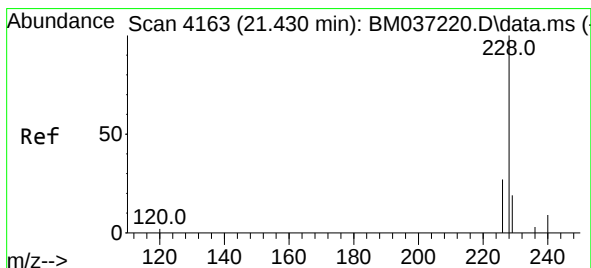
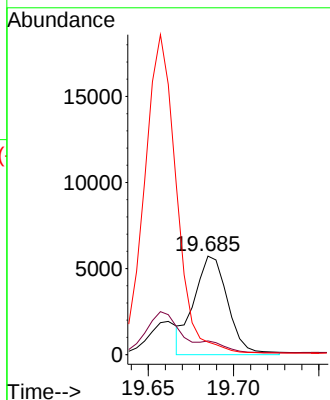
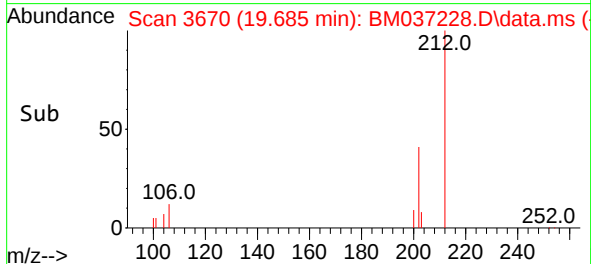
Instrument :
BNA_M
ClientSampleId :
C0BR0



Tgt Ion:202 Resp: 7876
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 12.8 7.8 11.8

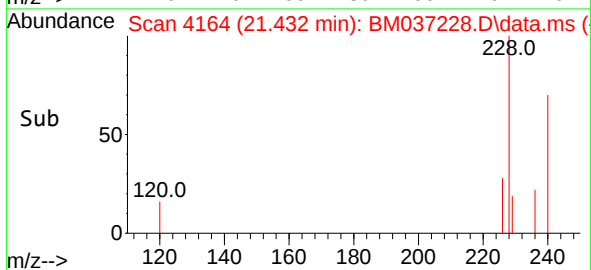
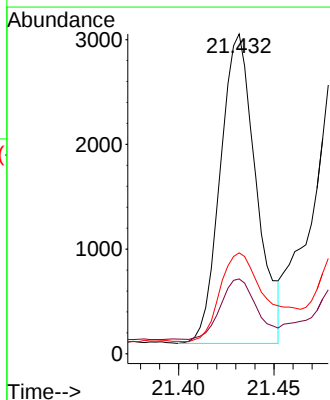
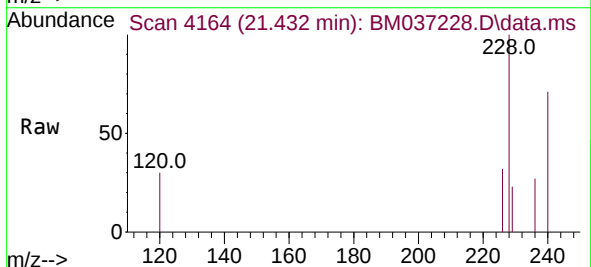
Manual Integrations
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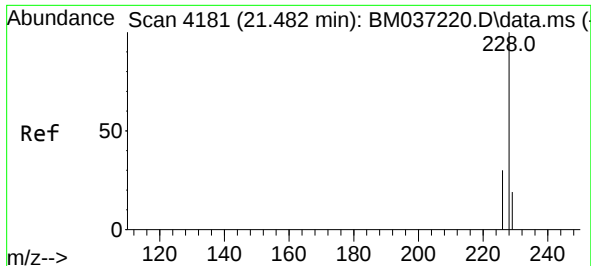
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#21
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.000 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

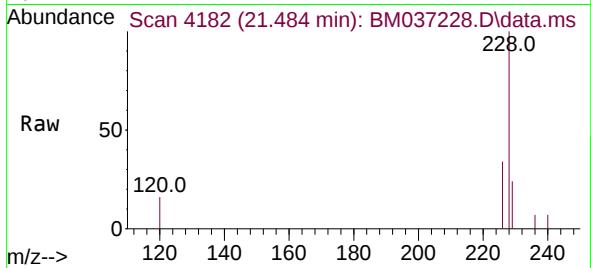
Tgt Ion:228 Resp: 3863
Ion Ratio Lower Upper
228 100
229 23.4 15.8 23.6
226 31.6 21.8 32.8





#22
Chrysene
Concen: 0.062 ng/ul
RT: 21.484 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

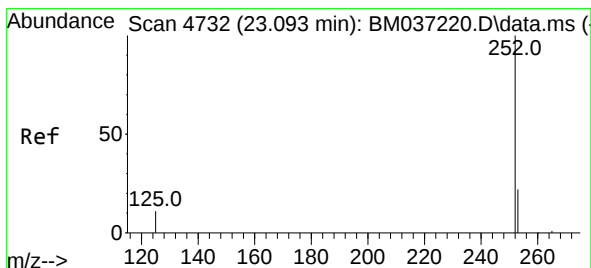
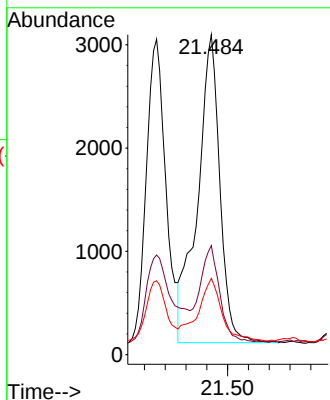
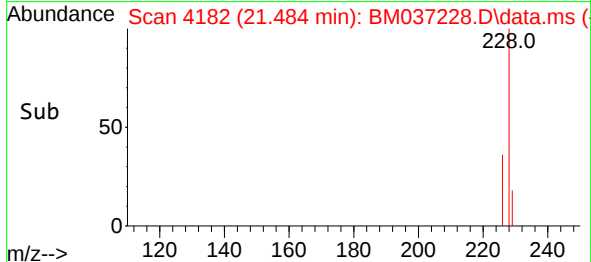
Instrument :
BNA_M
ClientSampleId :
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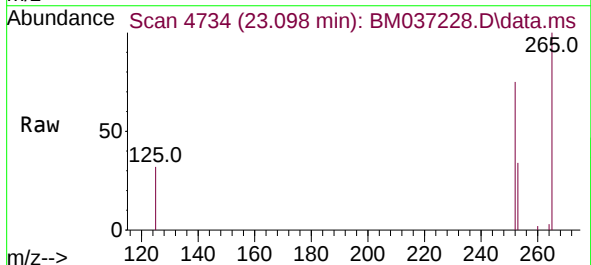
Tgt Ion:228 Resp: 4471
Ion Ratio Lower Upper
228 100
226 34.1 24.8 37.2
229 23.8 16.0 24.0

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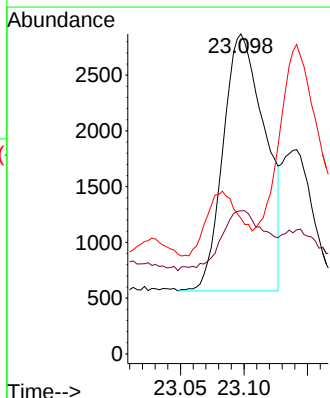
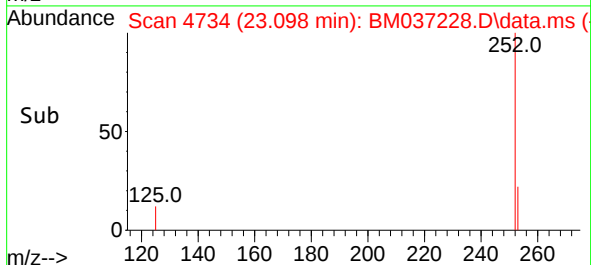
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

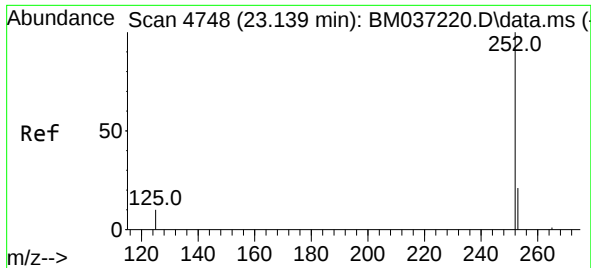


#24
Benzo(b)fluoranthene
Concen: 0.079 ng/ul
RT: 23.098 min Scan# 4734
Delta R.T. 0.003 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58



Tgt Ion:252 Resp: 5268
Ion Ratio Lower Upper
252 100
253 44.7 0.0 50.6
125 42.4 0.0 32.6#





#25

Benzo(k)fluoranthene

Concen: 0.033 ng/ul m

RT: 23.141 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM037228.D

Acq: 25 Oct 2022 14:58

Instrument :

BNM

ClientSampleId :

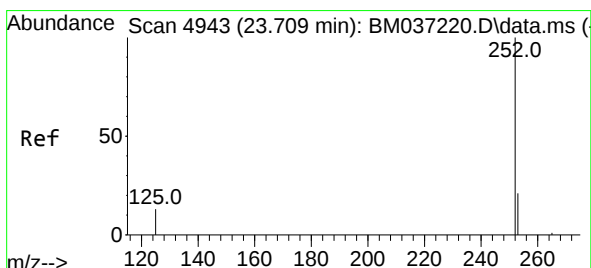
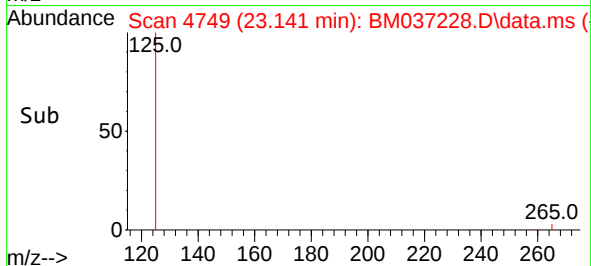
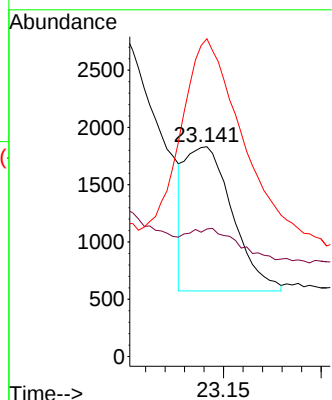
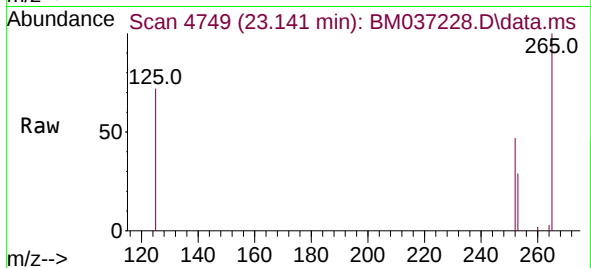
COBR0

Tgt Ion:	252	Resp:	213
Ion Ratio	Lower	Upper	
252	100		
253	60.8	20.6	30.8
125	151.4	13.3	19.9

Manual Integrations

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Supervised By :mohammad ahmed 11/02/2022



#26

Benzo(a)pyrene

Concen: 0.055 ng/ul

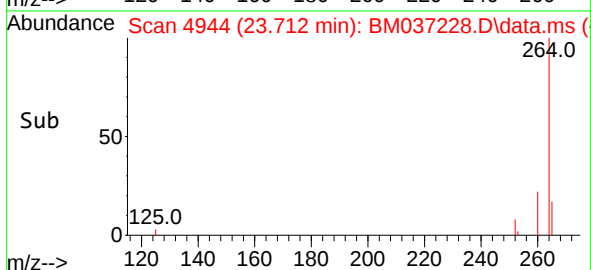
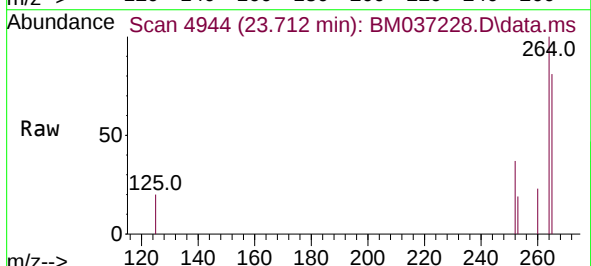
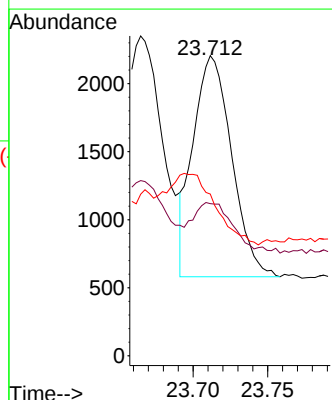
RT: 23.712 min Scan# 4944

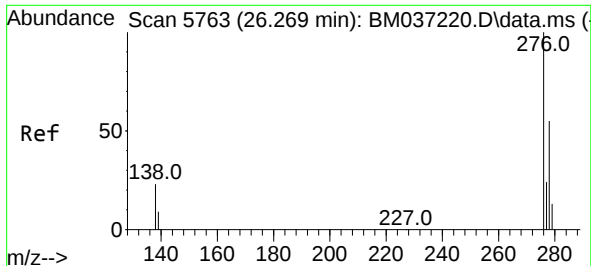
Delta R.T. -0.000 min

Lab File: BM037228.D

Acq: 25 Oct 2022 14:58

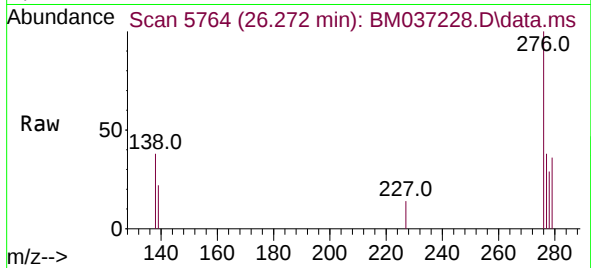
Tgt Ion:	252	Resp:	2929
Ion Ratio	Lower	Upper	
252	100		
253	50.7	22.1	33.1
125	53.9	17.6	26.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58

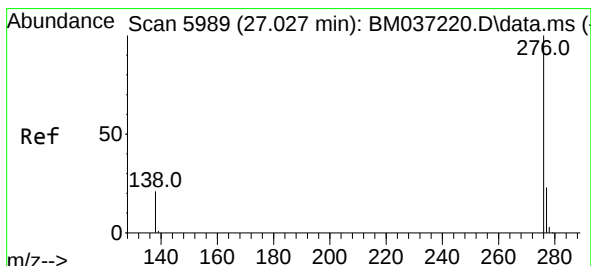
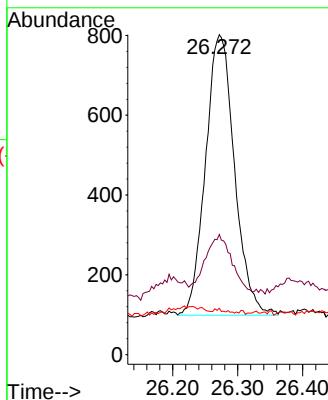
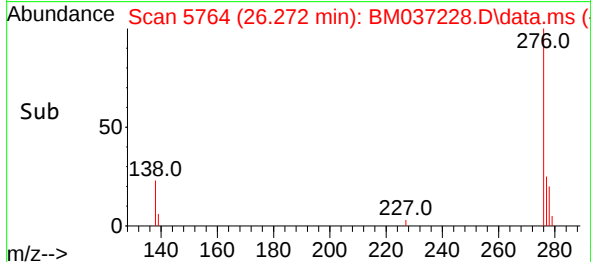
Instrument :
BNA_M
ClientSampleId :
C0BR0



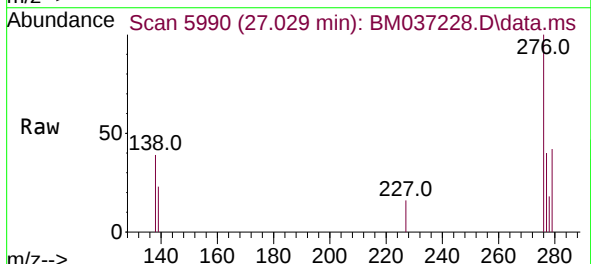
Tgt Ion:276 Resp: 2178
Ion Ratio Lower Upper
276 100
138 21.3 21.4 32.0#
227 0.5 0.1 0.1#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 27.029 min Scan# 5990
Delta R.T. 0.003 min
Lab File: BM037228.D
Acq: 25 Oct 2022 14:58



Tgt Ion:276 Resp: 1860
Ion Ratio Lower Upper
276 100
138 39.0 19.8 29.8#
277 40.3 20.1 30.1#

