

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039348.D
 Acq On : 07 Apr 2023 11:19
 Operator : CG/JU
 Sample : 02115-05
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB9C7

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/10/2023
 Supervised By : Jagrut Upadhyay 04/10/2023

Quant Time: Apr 07 23:12:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 23:05:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	5951	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.687	136	20884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.528	164	11705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	20571	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	17008	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	18579	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	18559	1.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.282	152	3824	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.307	212	7845	0.148	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.250	152	2004	0.044	ng/ul#	85
11) Acenaphthene	14.588	153	1450	0.041	ng/ul	98
12) Fluorene	15.578	166	1850	0.052	ng/ul#	96
15) Phenanthrene	17.321	178	42585	0.746	ng/ul	99
16) Anthracene	17.410	178	7948	0.183	ng/ul	96
19) Fluoranthene	19.335	202	117407	1.668	ng/ul	100
20) Pyrene	19.697	202	101133	1.253	ng/ul	99
21) Benzo(a)anthracene	21.449	228	49272	1.256	ng/ul	99
22) Chrysene	21.502	228	51693	1.075	ng/ul	98
24) Benzo(b)fluoranthene	23.127	252	83587	1.418	ng/ul	87
25) Benzo(k)fluoranthene	23.165	252	27029m	0.481	ng/ul	
26) Benzo(a)pyrene	23.744	252	37326	0.628	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.329	276	35242	0.471	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	8330	0.159	ng/ul#	84
29) Benzo(g,h,i)perylene	27.087	276	3264	0.046	ng/ul#	52

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

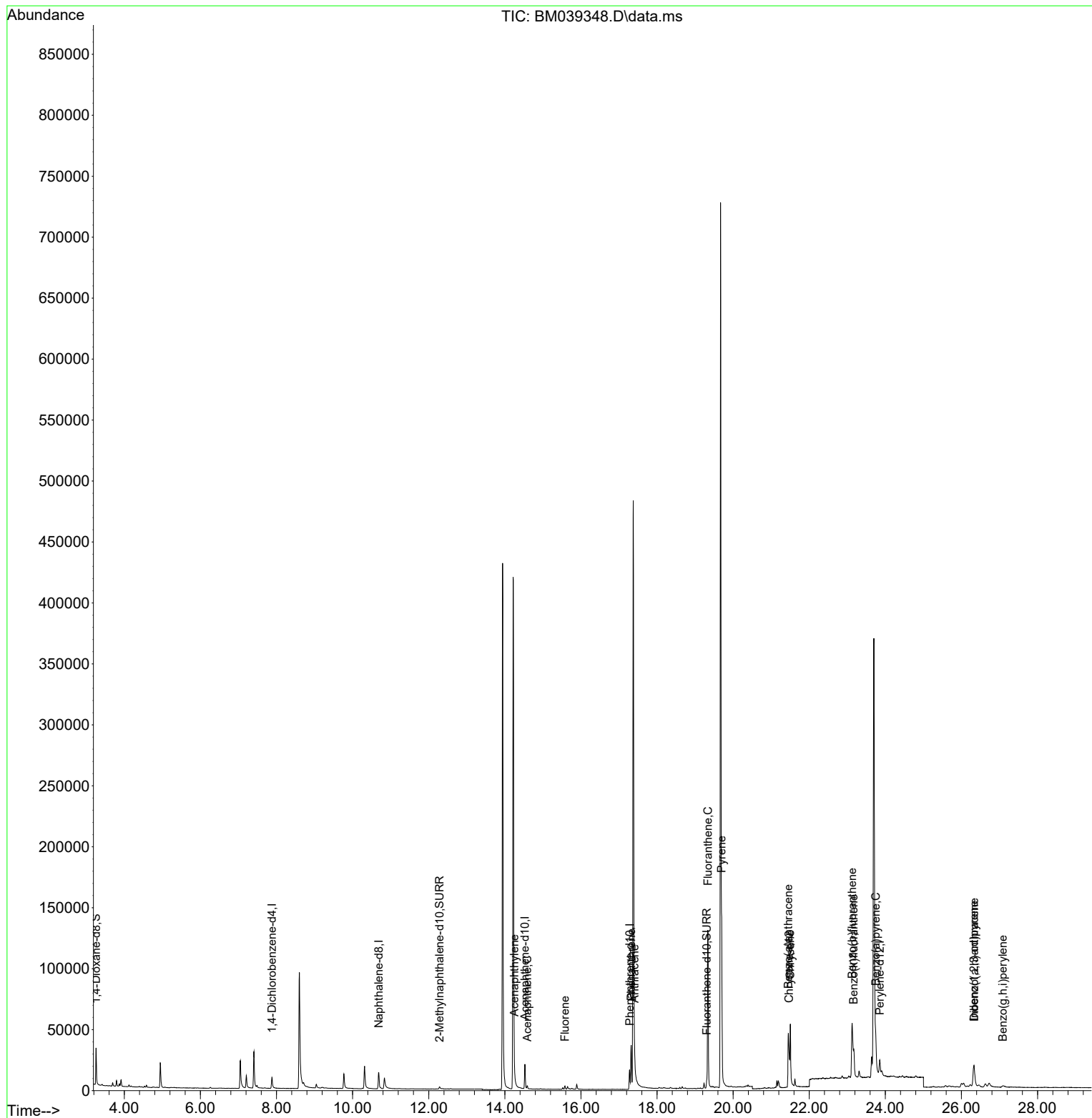
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039348.D
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ALS Vial : 43 Sample Multiplier: 1

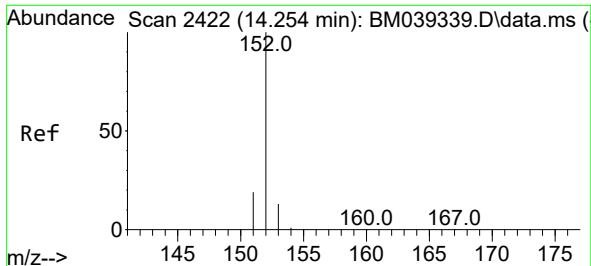
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
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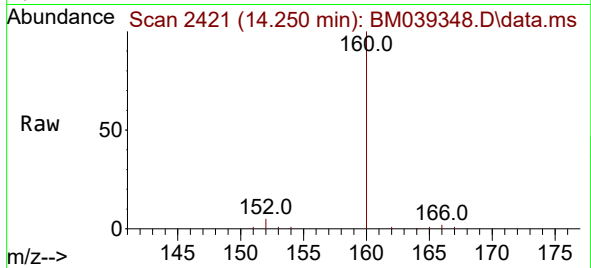
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023





#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

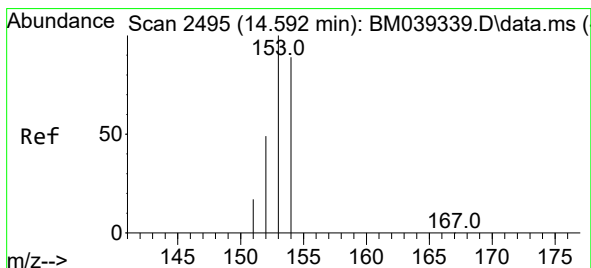
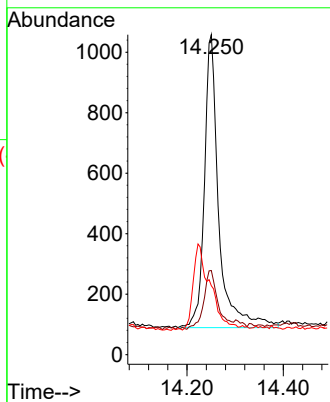
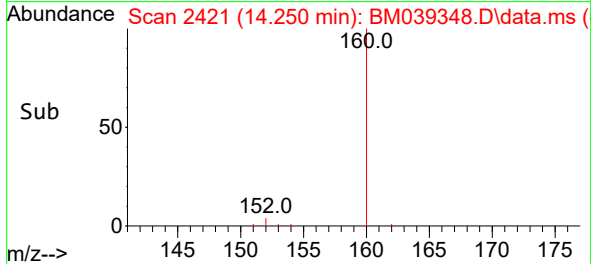
Instrument :
BNA_M
ClientSampleId :
CB9C7



Tgt Ion:152 Resp: 2004
Ion Ratio Lower Upper
152 100
151 26.3 16.2 24.4
153 21.6 11.6 17.4

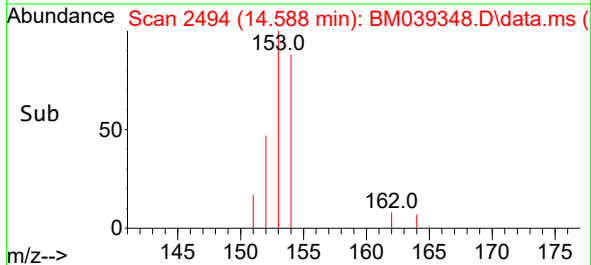
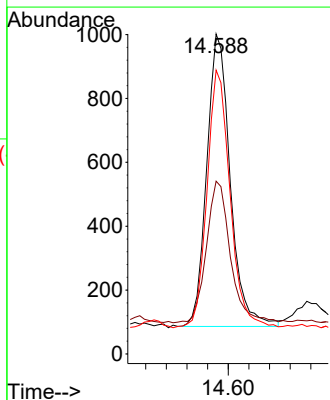
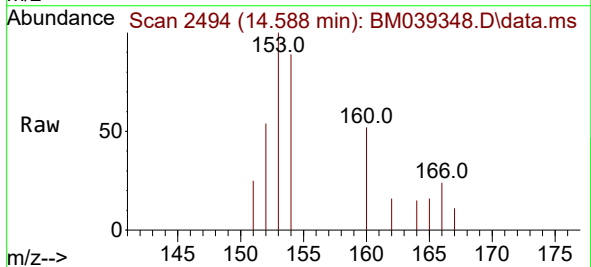
Manual Integrations
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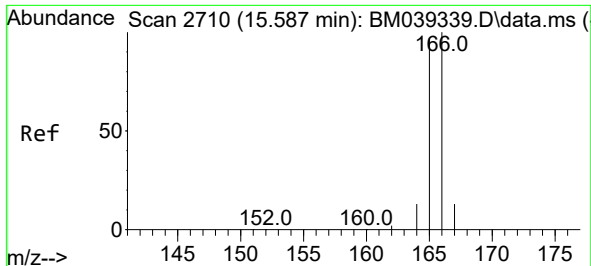
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.588 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

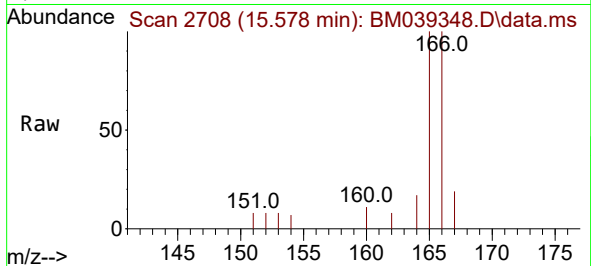
Tgt Ion:153 Resp: 1450
Ion Ratio Lower Upper
153 100
152 54.0 40.3 60.5
154 88.7 71.5 107.3





#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.578 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

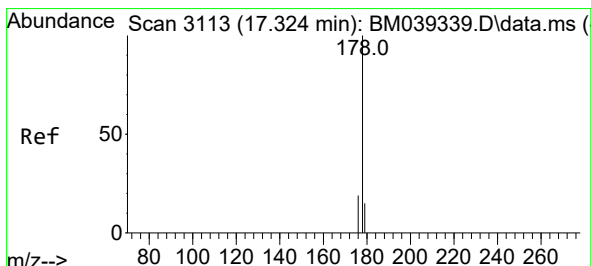
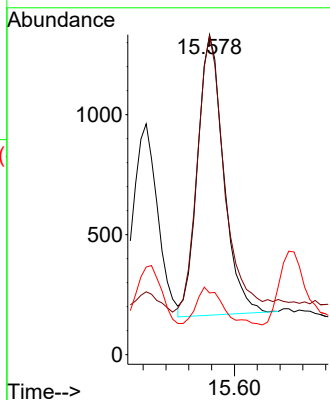
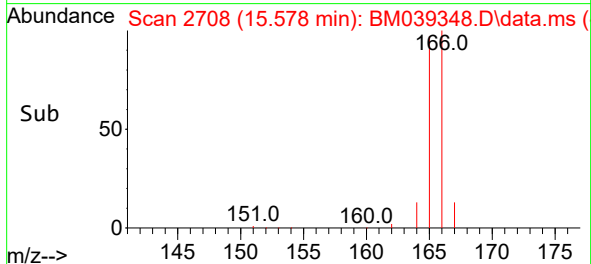
Instrument :
BNA_M
ClientSampleId :
CB9C7



Tgt Ion:166 Resp: 1850
Ion Ratio Lower Upper
166 100
165 99.6 77.8 116.8
167 19.3 11.8 17.6

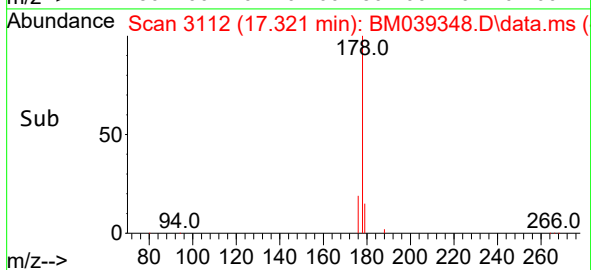
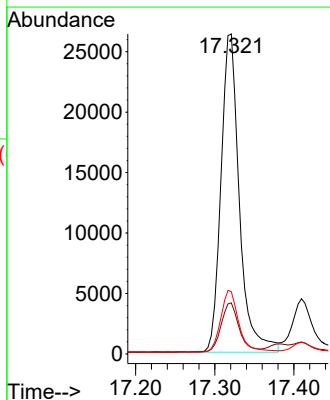
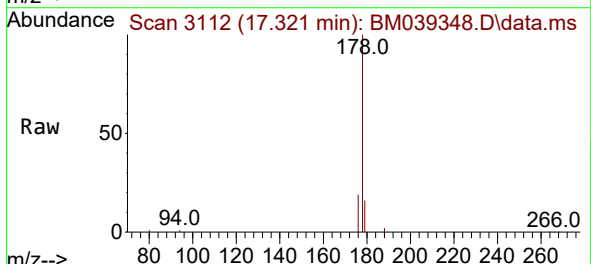
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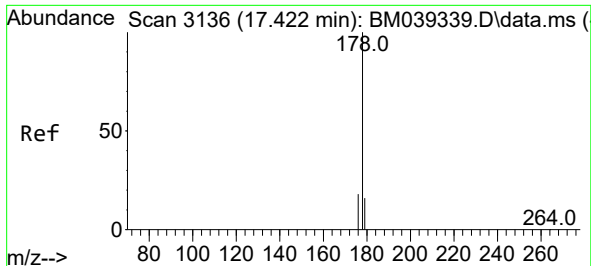
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#15
Phenanthrene
Concen: 0.746 ng/ul
RT: 17.321 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

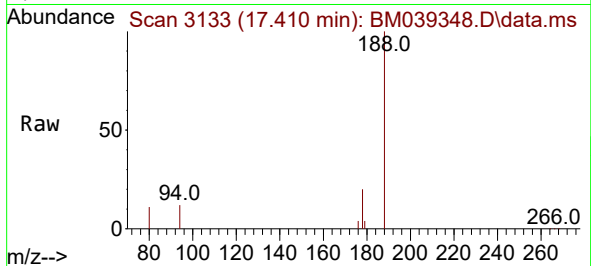
Tgt Ion:178 Resp: 42585
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 19.4 15.8 23.6





#16
 Anthracene
 Concen: 0.183 ng/ul
 RT: 17.410 min Scan# 3136
 Delta R.T. -0.008 min
 Lab File: BM039348.D
 Acq: 07 Apr 2023 11:19

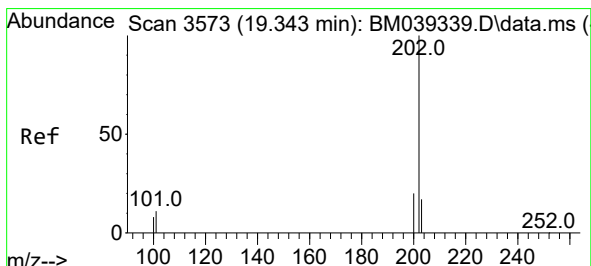
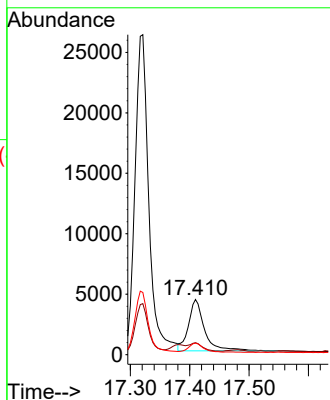
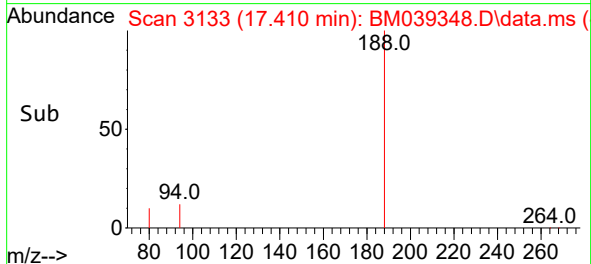
Instrument :
 BNA_M
 ClientSampleId :
 CB9C7



Tgt Ion:178 Resp: 7948
 Ion Ratio Lower Upper
 178 100
 179 21.6 14.6 21.8
 176 20.8 16.6 24.8

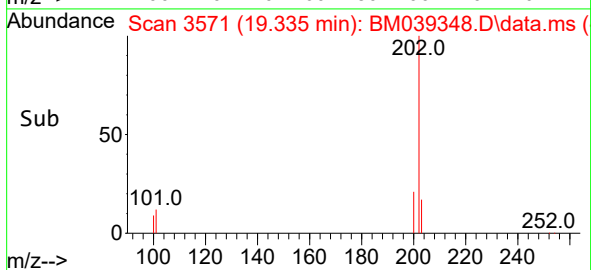
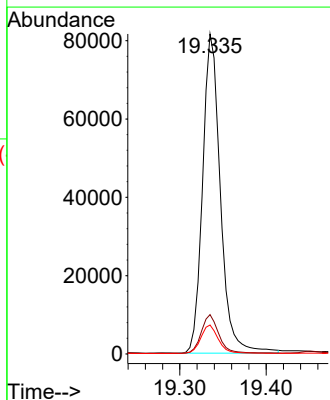
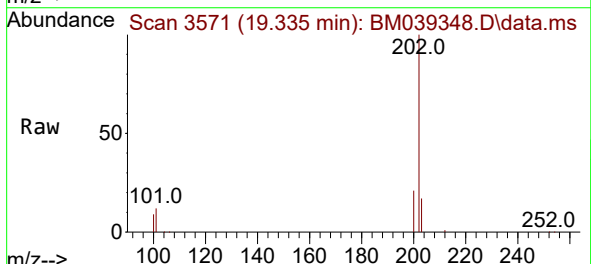
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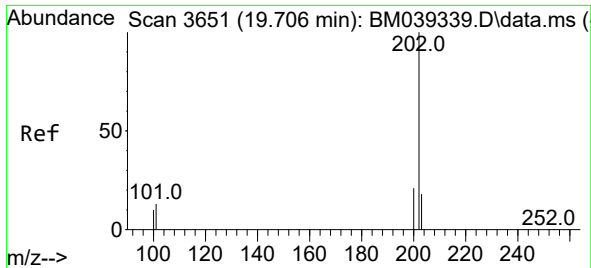
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#19
 Fluoranthene
 Concen: 1.668 ng/ul
 RT: 19.335 min Scan# 3571
 Delta R.T. -0.004 min
 Lab File: BM039348.D
 Acq: 07 Apr 2023 11:19

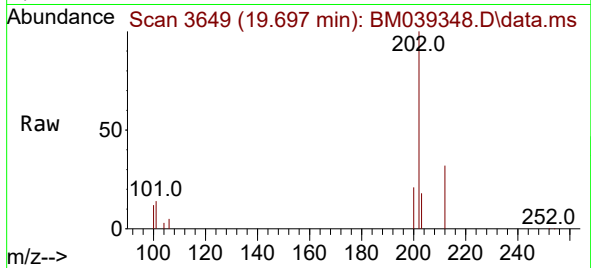
Tgt Ion:202 Resp: 117407
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.7 14.5
 100 9.1 7.4 11.0





#20
Pyrene
Concen: 1.253 ng/ul
RT: 19.697 min Scan# 3649
Delta R.T. -0.004 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

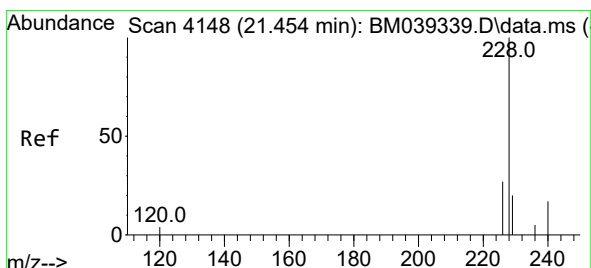
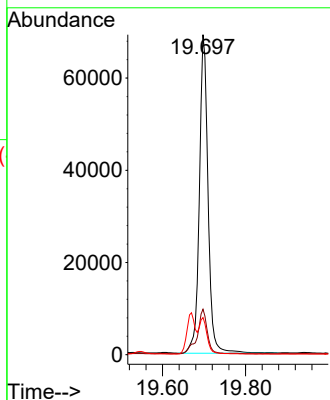
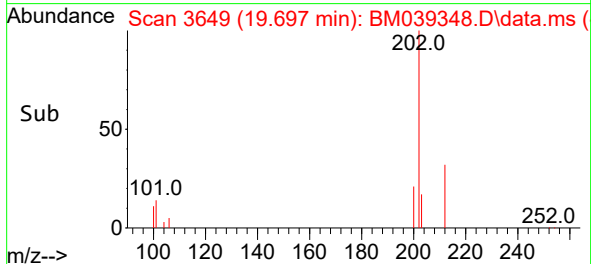
Instrument :
BNA_M
ClientSampleId :
CB9C7



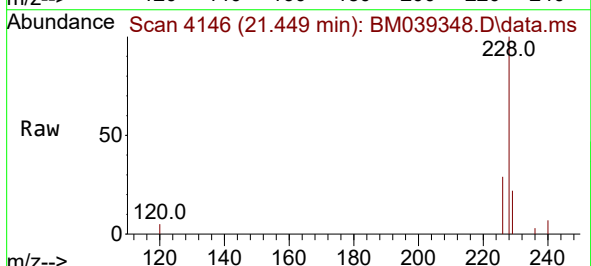
Tgt Ion:202 Resp: 10113
Ion Ratio Lower Upper
202 100
101 14.2 11.1 16.7
100 11.6 8.8 13.2

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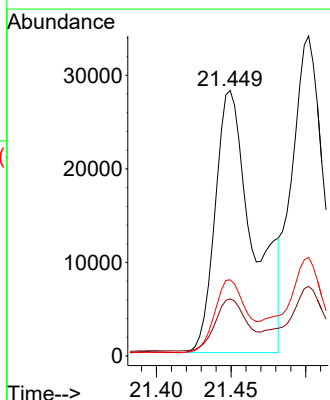
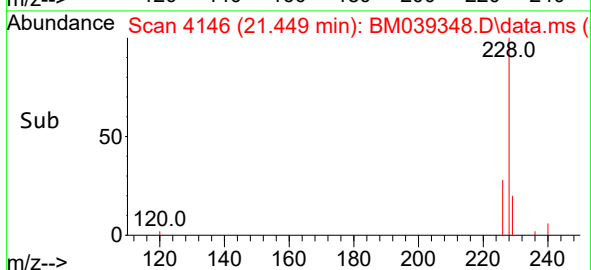
Reviewed By :Christian Giraldo 04/10/2023
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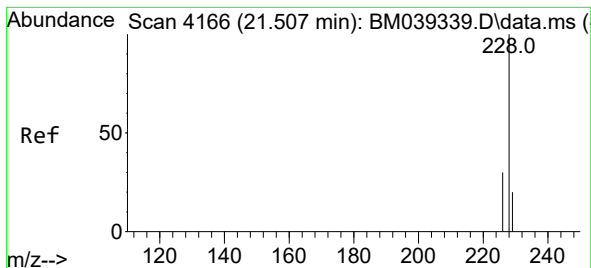


#21
Benzo(a)anthracene
Concen: 1.256 ng/ul
RT: 21.449 min Scan# 4146
Delta R.T. -0.002 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19



Tgt Ion:228 Resp: 49272
Ion Ratio Lower Upper
228 100
229 21.5 16.6 24.8
226 28.7 22.6 34.0





#22

Chrysene

Concen: 1.075 ng/ul

RT: 21.502 min Scan# 4166

Delta R.T. -0.002 min

Lab File: BM039348.D

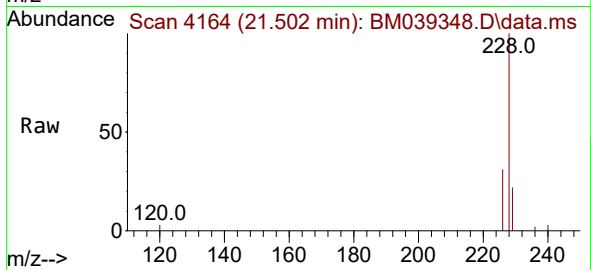
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Instrument :

BNA_M

ClientSampleId :

CB9C7



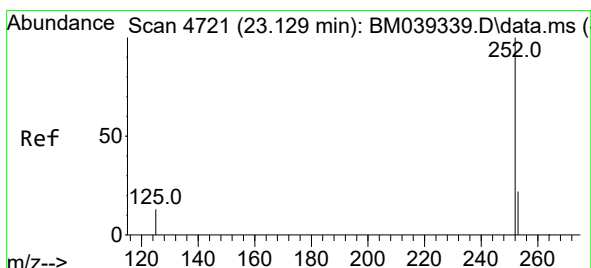
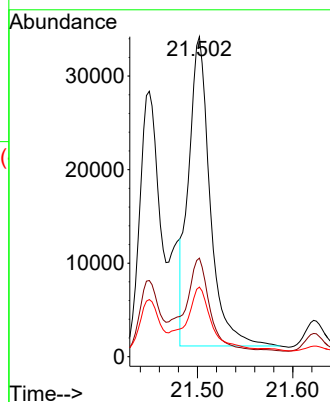
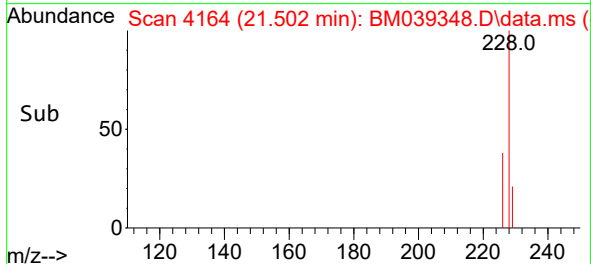
Tgt Ion:228	Resp:	5169
Ion Ratio	Lower	Upper
228	100	
226	30.8	24.2 36.2
229	21.7	16.2 24.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/10/2023



#24

Benzo(b)fluoranthene

Concen: 1.418 ng/ul

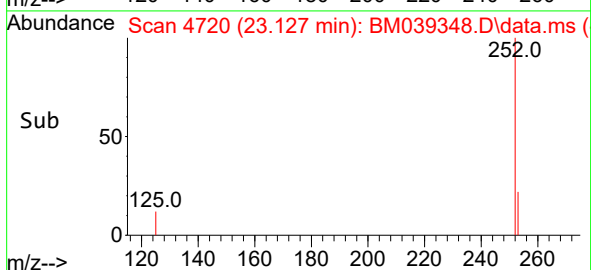
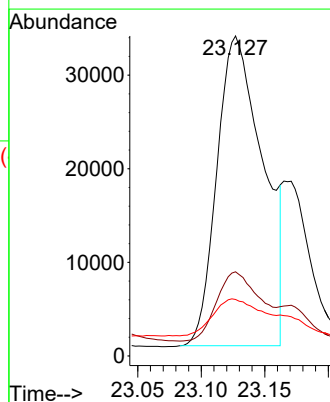
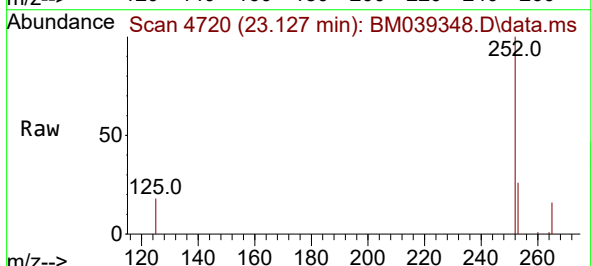
RT: 23.127 min Scan# 4720

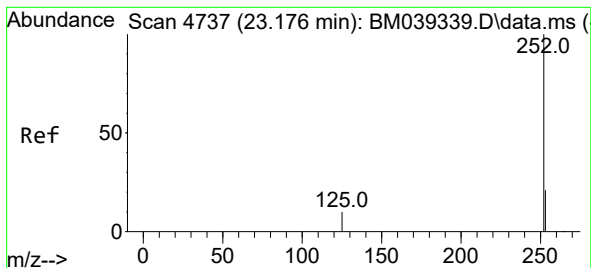
Delta R.T. -0.002 min

Lab File: BM039348.D

Acq: 07 Apr 2023 11:19

Tgt Ion:252	Resp:	83587
Ion Ratio	Lower	Upper
252	100	
253	26.3	0.0 64.4
125	17.7	0.0 50.4





#25

Benzo(k)fluoranthene

Concen: 0.481 ng/ul m

RT: 23.165 min Scan# 4733

Delta R.T. -0.011 min

Lab File: BM039348.D

Acq: 07 Apr 2023 11:19

Instrument :

BNA_M

ClientSampleId :

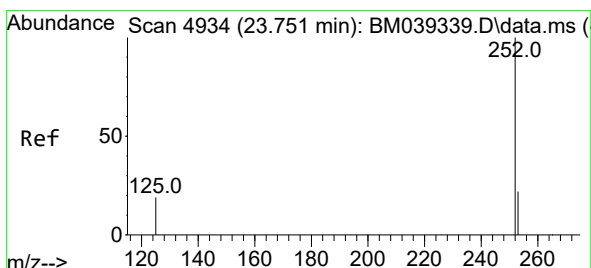
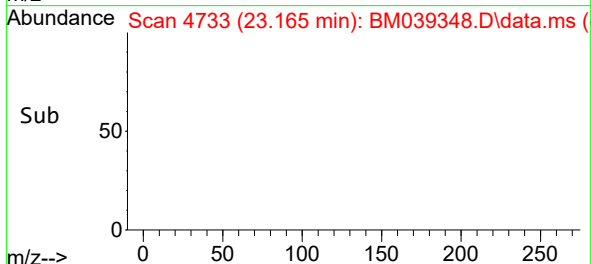
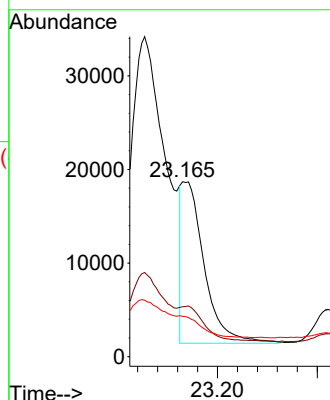
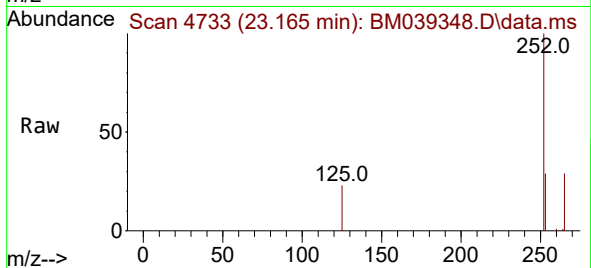
CB9C7

Tgt Ion:252	Resp:	27029
Ion Ratio	Lower	Upper
252	100	
253	28.5	25.5 38.3
125	23.1	20.4 30.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/10/2023



#26

Benzo(a)pyrene

Concen: 0.628 ng/ul

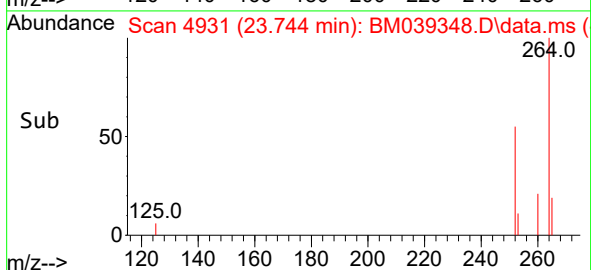
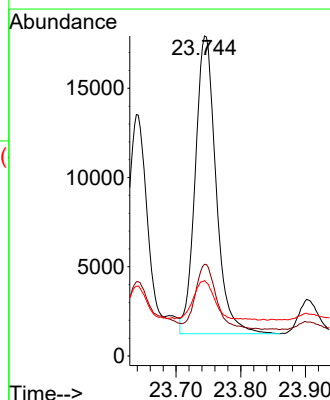
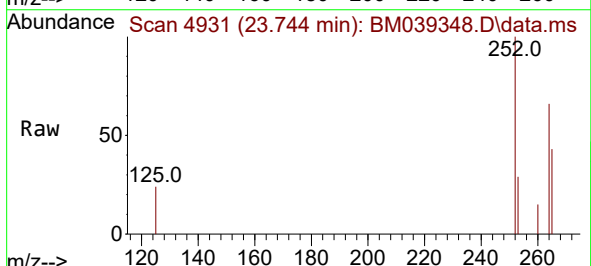
RT: 23.744 min Scan# 4931

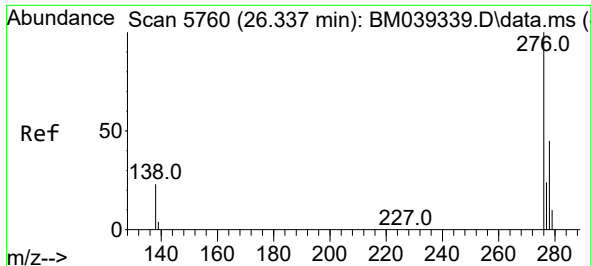
Delta R.T. -0.005 min

Lab File: BM039348.D

Acq: 07 Apr 2023 11:19

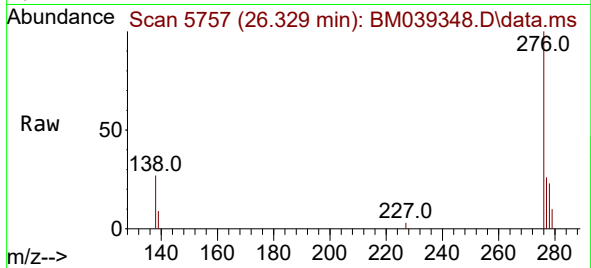
Tgt Ion:252	Resp:	37326
Ion Ratio	Lower	Upper
252	100	
253	28.6	31.0 46.4#
125	23.5	28.2 42.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.471 ng/ul
RT: 26.329 min Scan# 5757
Delta R.T. -0.008 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19

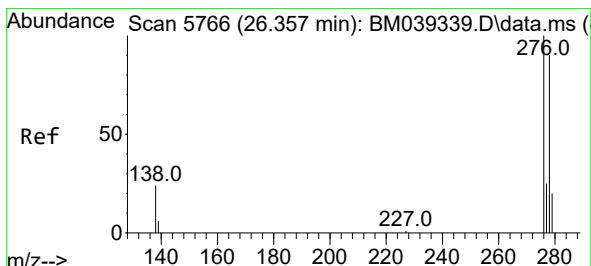
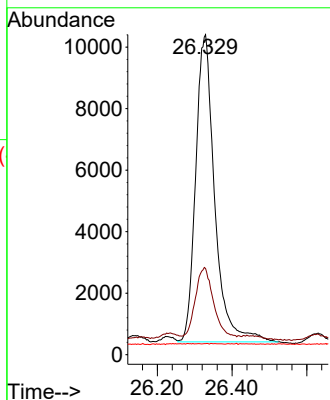
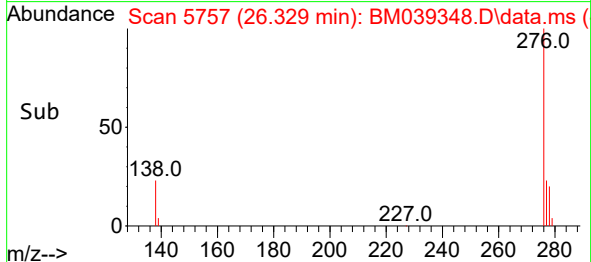
Instrument :
BNA_M
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CB9C7



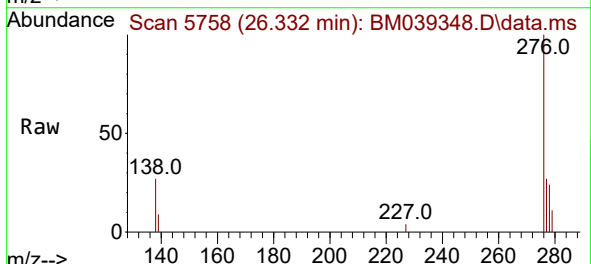
Tgt Ion: 276 Resp: 3524
Ion Ratio Lower Upper
276 100
138 22.9 21.4 32.0
227 0.1 0.1 0.1

Manual Integrations
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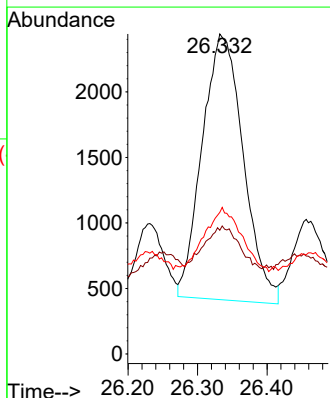
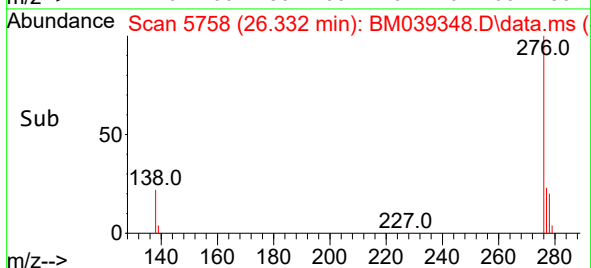
Reviewed By : Christian Giraldo 04/10/2023
Supervised By : Jagrut Upadhyay 04/10/2023

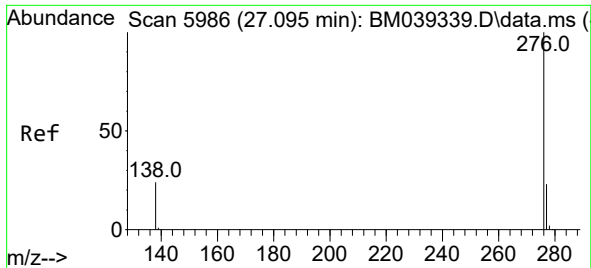


#28
Dibenzo(a,h)anthracene
Concen: 0.159 ng/ul
RT: 26.332 min Scan# 5758
Delta R.T. -0.022 min
Lab File: BM039348.D
Acq: 07 Apr 2023 11:19



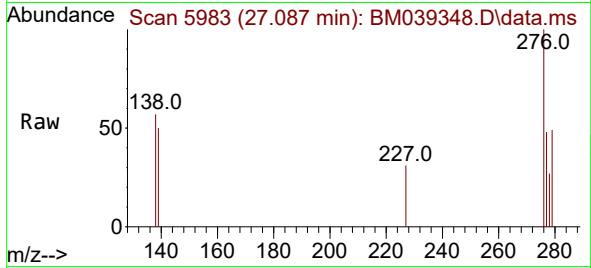
Tgt Ion: 278 Resp: 8330
Ion Ratio Lower Upper
278 100
139 38.7 21.8 32.6#
279 44.3 30.0 45.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.046 ng/ul
 RT: 27.087 min Scan# 5983
 Delta R.T. -0.002 min
 Lab File: BM039348.D
 Acq: 07 Apr 2023 11:19

Instrument :
 BNA_M
 ClientSampleId :
 CB9C7



Tgt Ion:	276	Resp:	3264
Ion Ratio	Lower	Upper	
276	100		
138	56.7	22.2	33.2
277	47.7	21.2	31.8

Manual Integrations
 APPROVED

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