

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039734.D
 Acq On : 28 Apr 2023 13:50
 Operator : CG/JU
 Sample : 02418-25DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z9DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 02:04:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	4334	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	16467	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	22310	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	16355	0.400	ng/ul	-0.01
23) Perylene-d12	23.739	264	12823	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3668	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	1080	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	3029	0.069	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	11265	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	4161	0.174	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	3795	0.148	ng/ul	100
10) Acenaphthylene	14.168	152	10280	0.269	ng/ul	97
11) Acenaphthene	14.511	153	21598	0.720	ng/ul	99
12) Fluorene	15.501	166	24790	0.744	ng/ul	99
15) Phenanthrene	17.238	178	456378	7.765	ng/ul	99
16) Anthracene	17.335	178	89417	1.772	ng/ul	98
19) Fluoranthene	19.262	202	805673	13.808	ng/ul	99
20) Pyrene	19.629	202	676303	10.733	ng/ul	97
21) Benzo(a)anthracene	21.378	228	315194	6.703	ng/ul	99
22) Chrysene	21.430	228	295042	5.544	ng/ul	99
24) Benzo(b)fluoranthene	23.026	252	328178	7.287	ng/ul	92
25) Benzo(k)fluoranthene	23.070	252	120109m	2.619	ng/ul	
26) Benzo(a)pyrene	23.637	252	212863	5.265	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.162	276	144251	2.822	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.169	278	32259	0.813	ng/ul	98
29) Benzo(g,h,i)perylene	26.910	276	128722	2.889	ng/ul	97

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

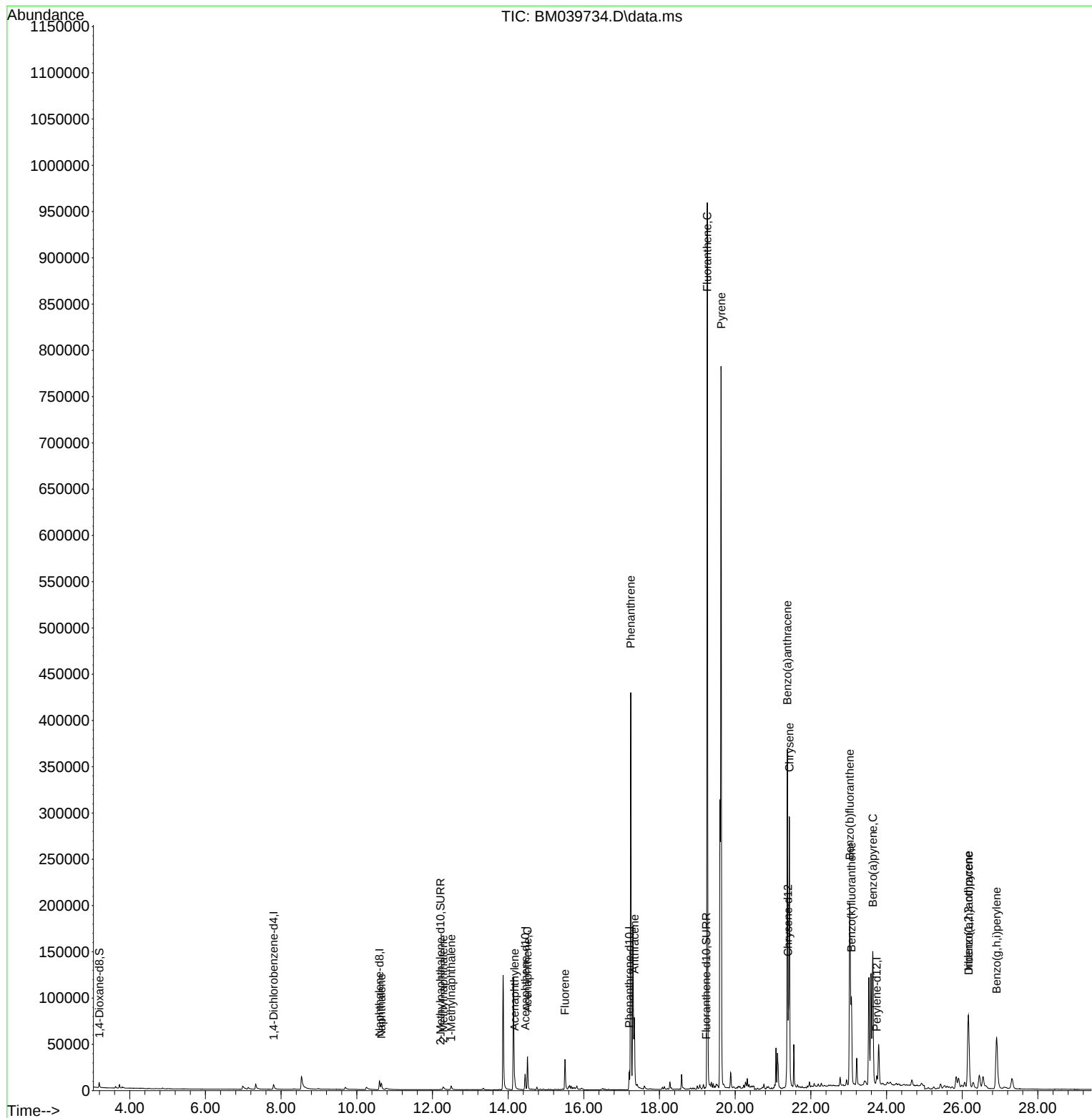
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039734.D
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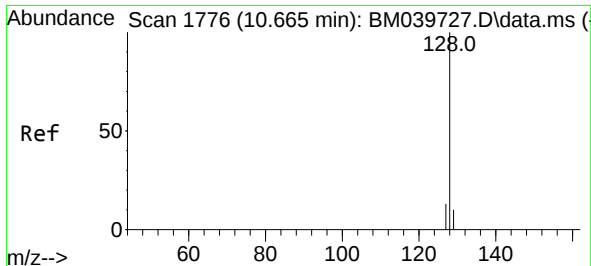
Instrument :
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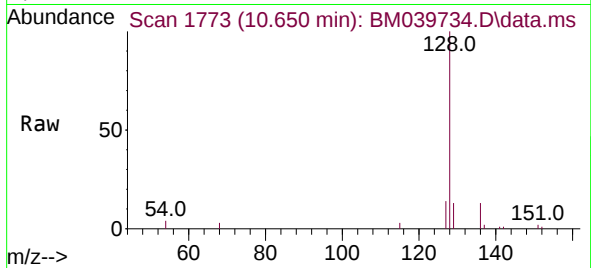
Quant Time: Apr 29 02:04:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
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#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

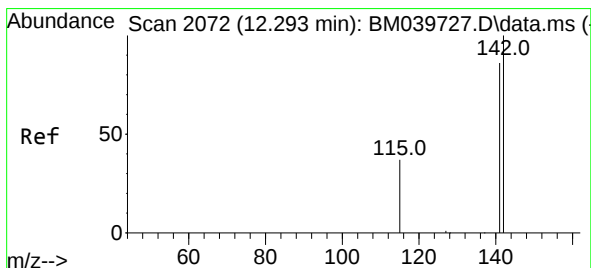
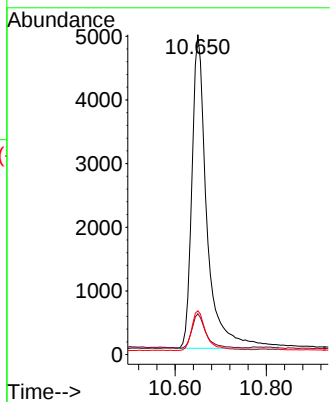
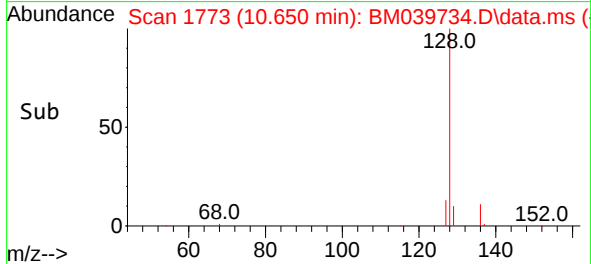
Instrument :
BNA_M
ClientSampleId :
EW8Z9DL



Tgt Ion:128 Resp: 11265
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 13.7 11.1 16.7

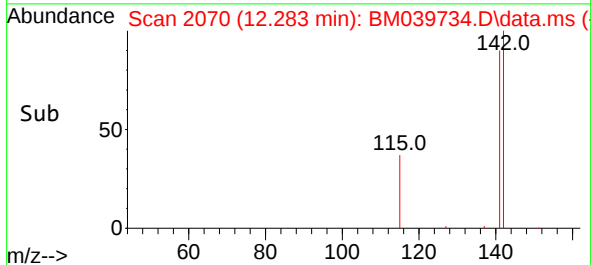
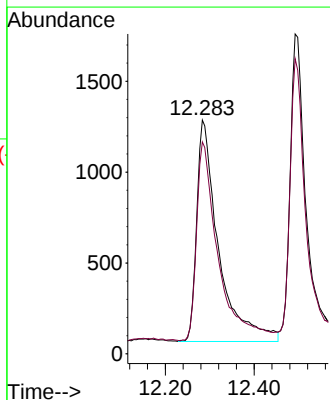
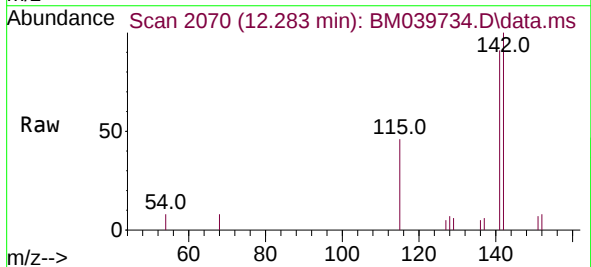
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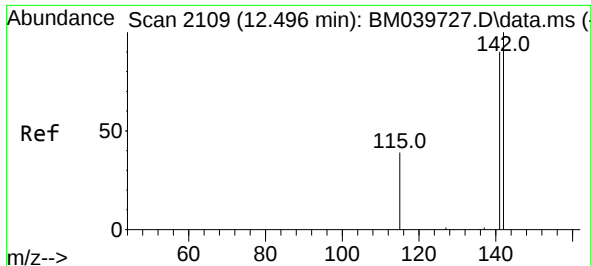
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

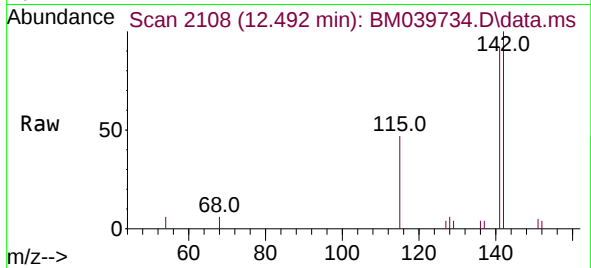
Tgt Ion:142 Resp: 4161
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

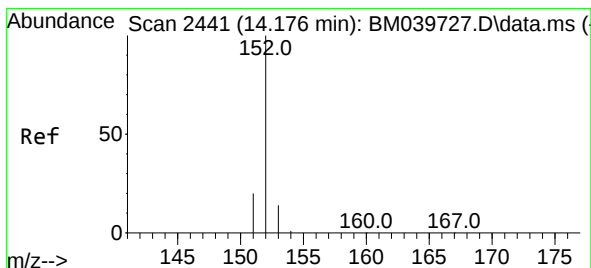
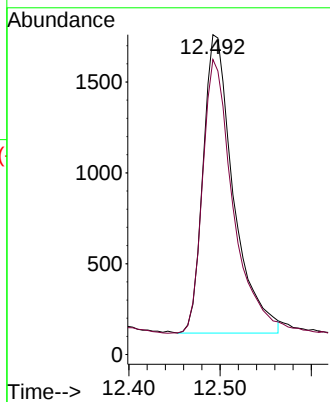
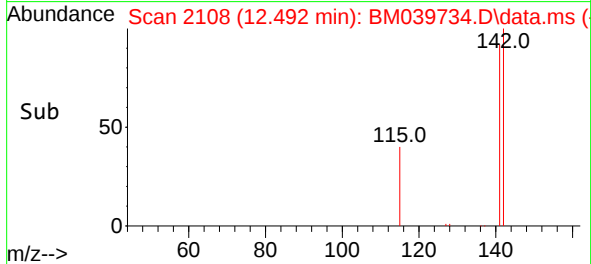
Instrument :
BNA_M
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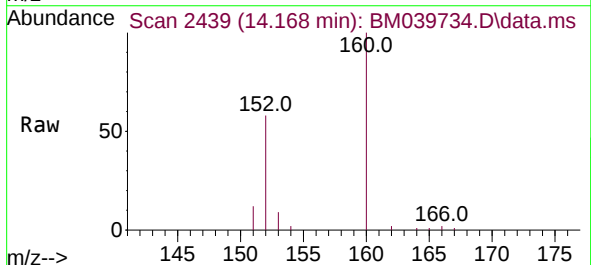
Tgt Ion:142 Resp: 3795
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

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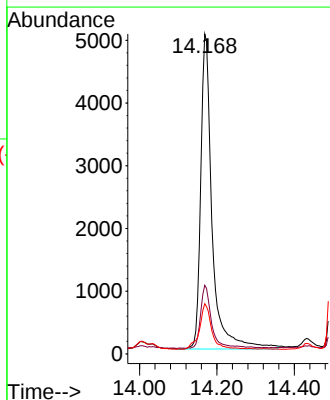
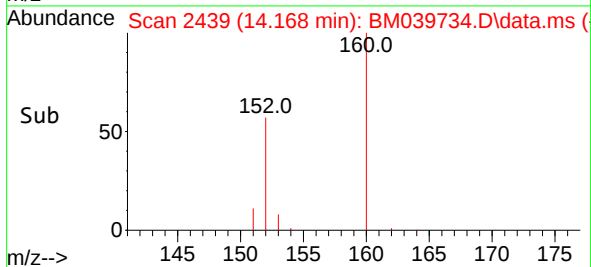
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

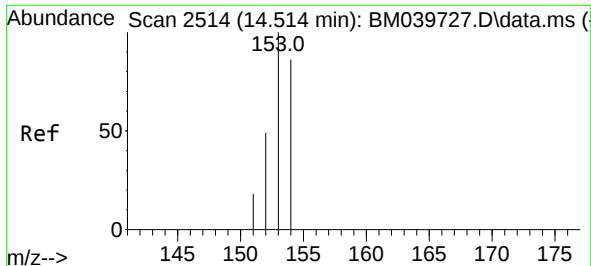


#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50



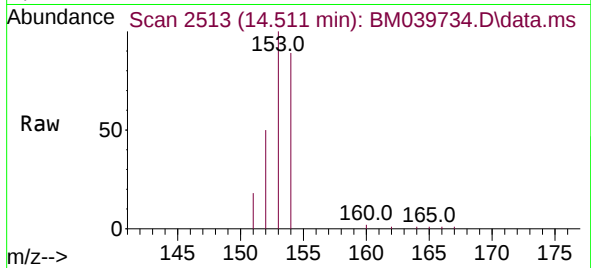
Tgt Ion:152 Resp: 10280
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 15.7 11.2 16.8





#11
Acenaphthene
Concen: 0.720 ng/ul
RT: 14.511 min Scan# 21598
Delta R.T. -0.009 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

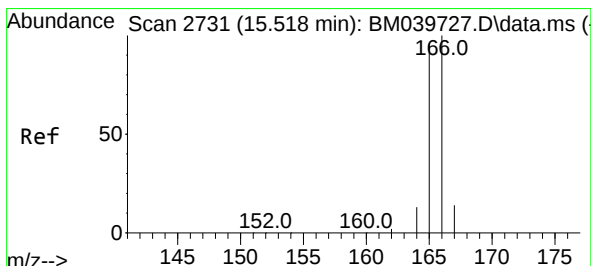
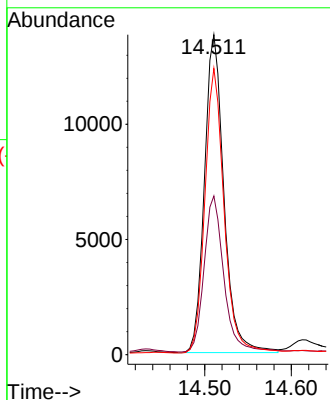
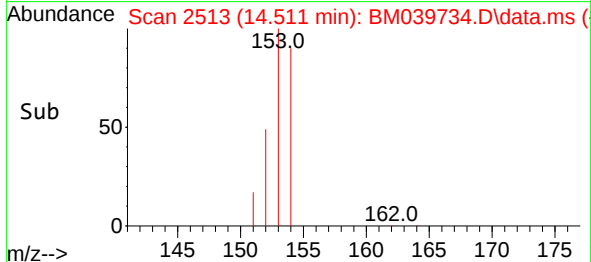
Instrument :
BNA_M
ClientSampleId :
EW8Z9DL



Tgt Ion:153 Resp: 21598
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 89.4 71.9 107.9

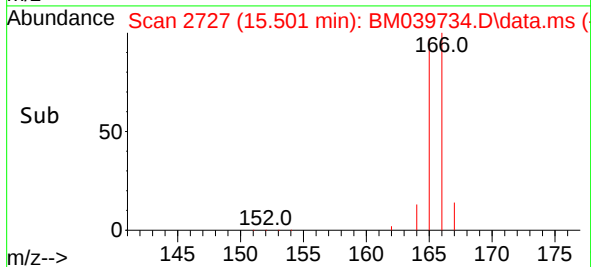
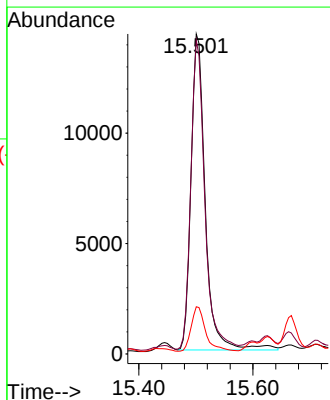
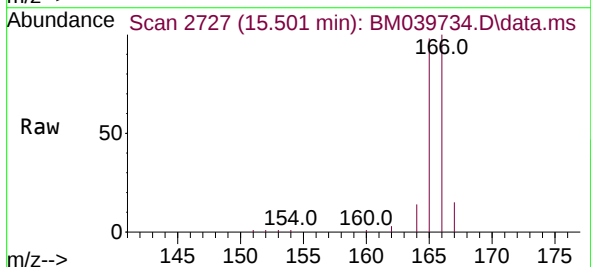
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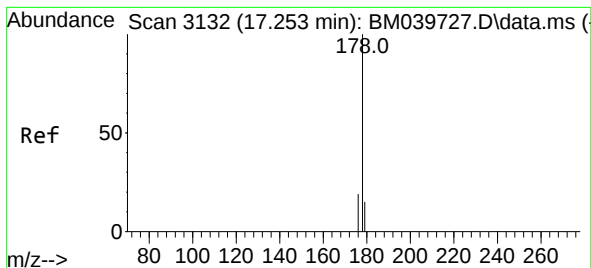
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.744 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.019 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

Tgt Ion:166 Resp: 24790
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 14.7 11.8 17.6





#15

Phenanthrene

Concen: 7.765 ng/ul

RT: 17.238 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM039734.D

Acq: 28 Apr 2023 13:50

Instrument :

BNA_M

ClientSampleId :

EW8Z9DL

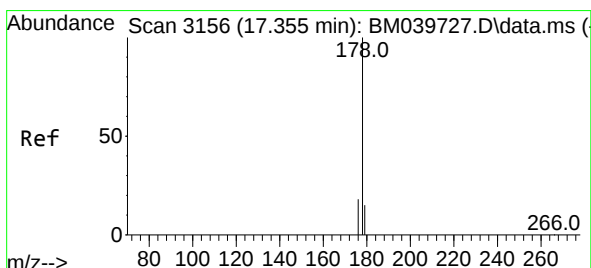
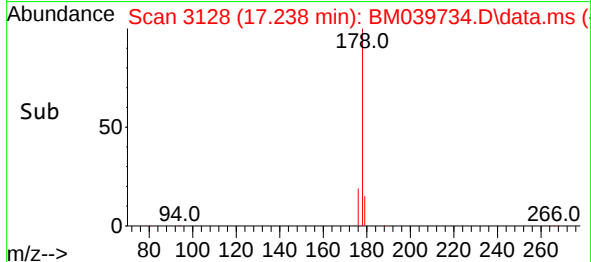
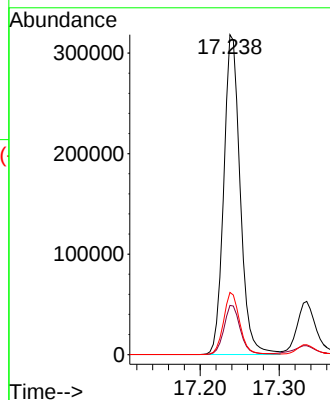
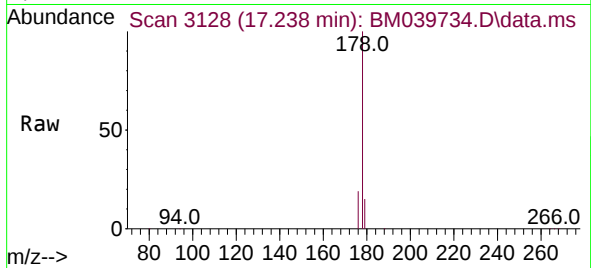
Tgt Ion:178 Resp: 456378

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.4	15.8	23.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16

Anthracene

Concen: 1.772 ng/ul

RT: 17.335 min Scan# 3151

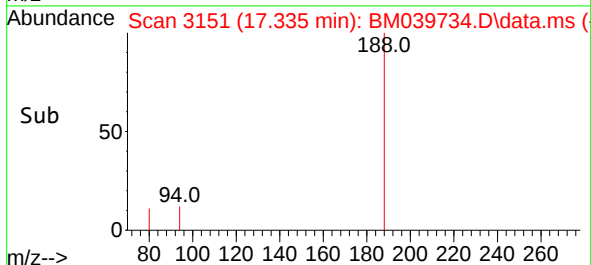
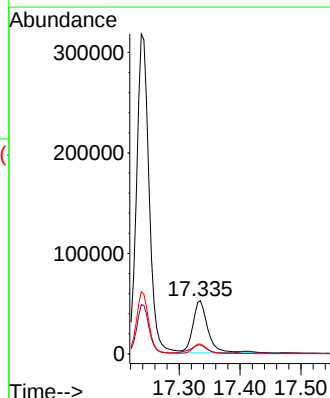
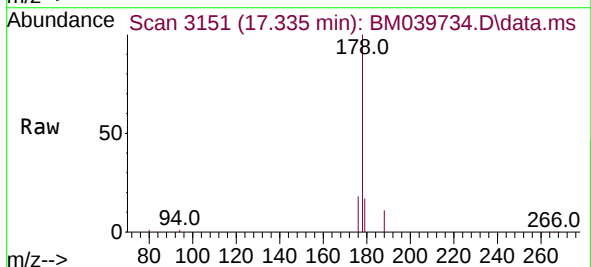
Delta R.T. -0.021 min

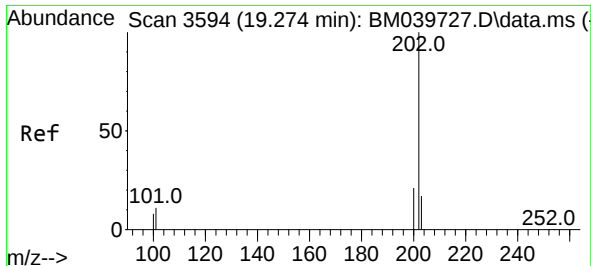
Lab File: BM039734.D

Acq: 28 Apr 2023 13:50

Tgt Ion:178 Resp: 89417

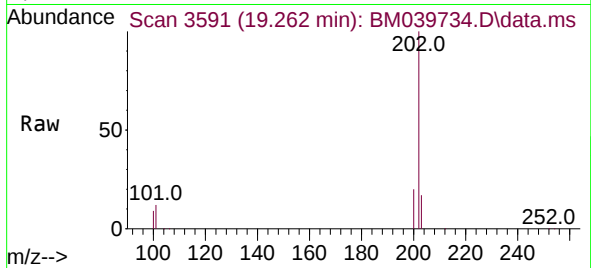
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.8	20.6
176	18.5	15.8	23.8





#19
Fluoranthene
Concen: 13.808 ng/u1
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

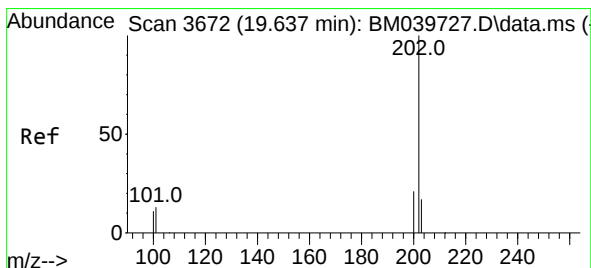
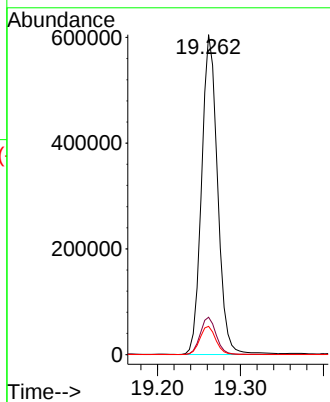
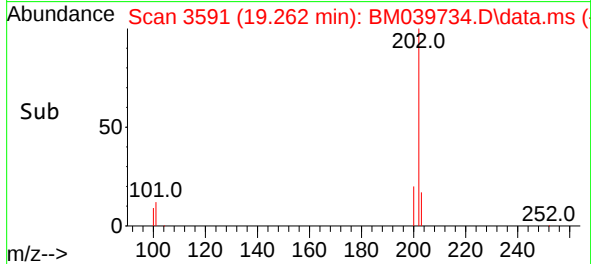
Instrument :
BNA_M
ClientSampleId :
EW8Z9DL



Tgt Ion:202 Resp: 805673
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.8 7.3 10.9

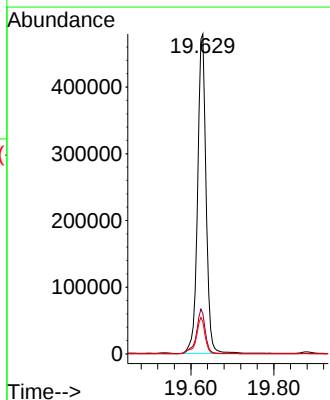
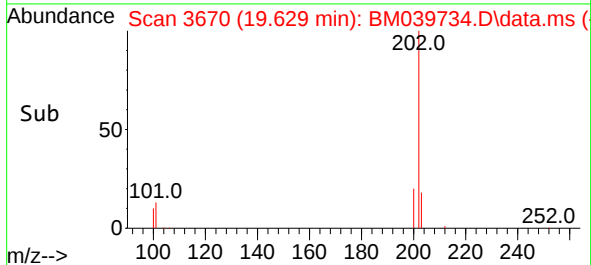
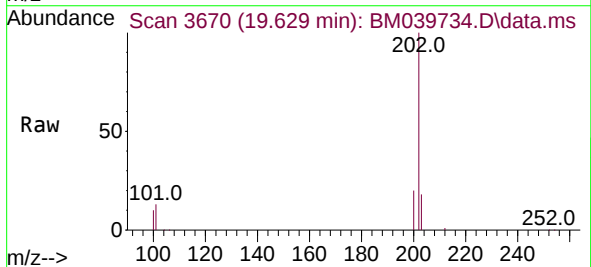
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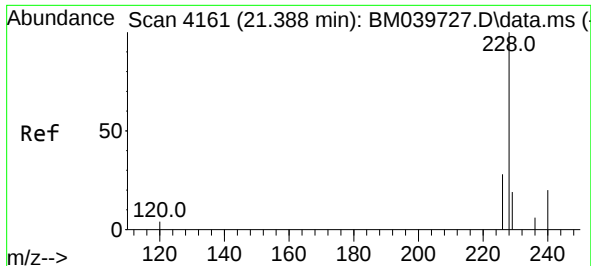
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 10.733 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

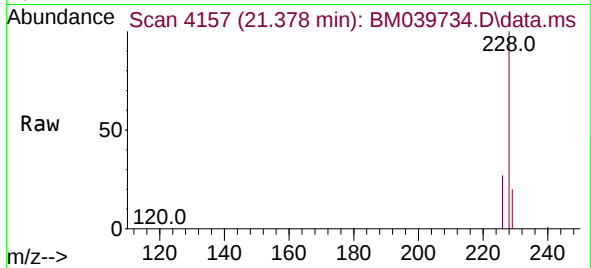
Tgt Ion:202 Resp: 676303
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 10.0 8.9 13.3





#21
Benzo(a)anthracene
Concen: 6.703 ng/ul
RT: 21.378 min Scan# 4161
Delta R.T. -0.019 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

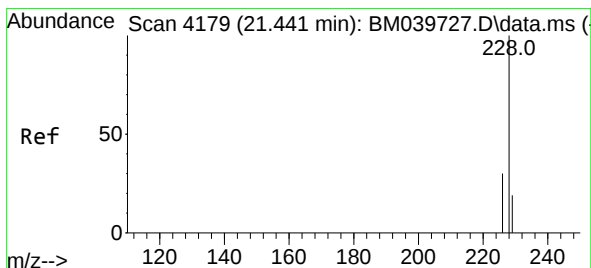
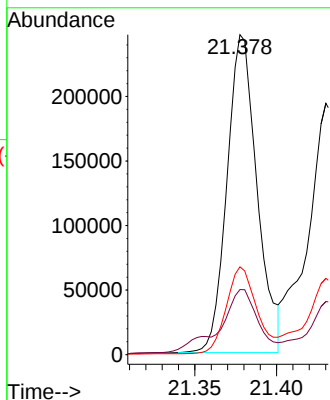
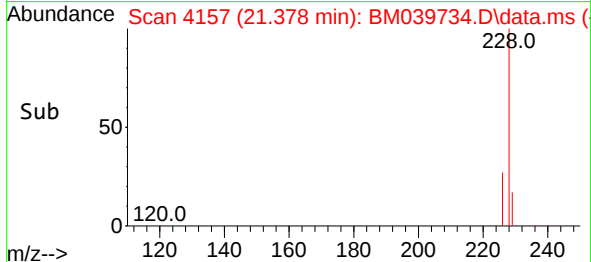
Instrument :
BNA_M
ClientSampleId :
EW8Z9DL



Tgt Ion:228 Resp: 315194
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.4 21.6 32.4

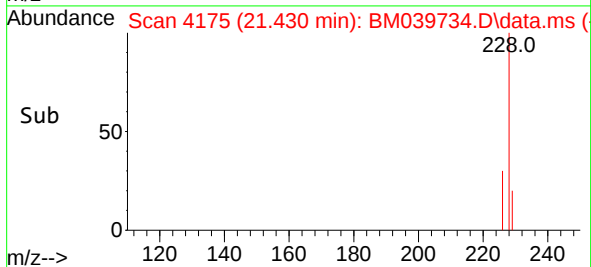
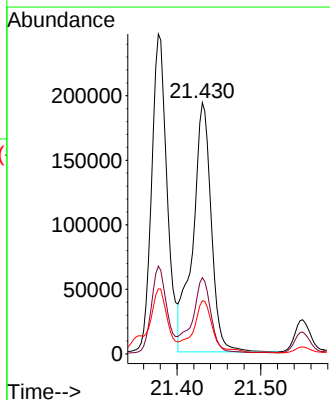
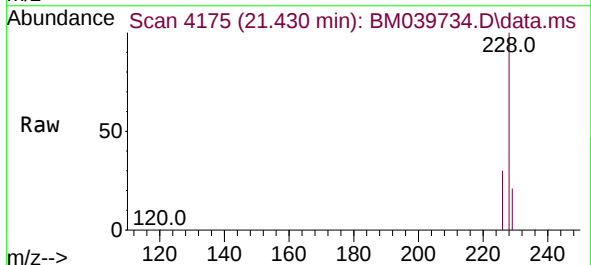
Manual Integrations
APPROVED

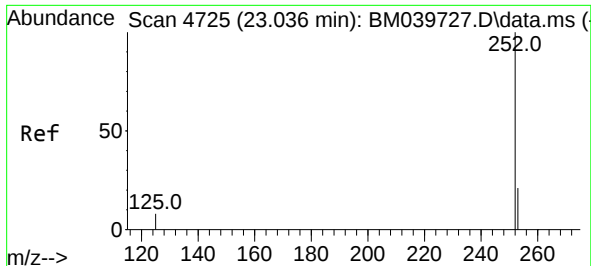
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 5.544 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

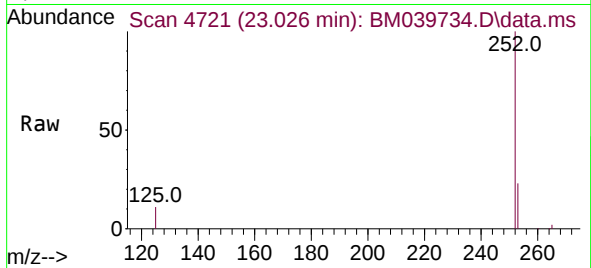
Tgt Ion:228 Resp: 295042
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 7.287 ng/ul
RT: 23.026 min Scan# 4721
Delta R.T. -0.019 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

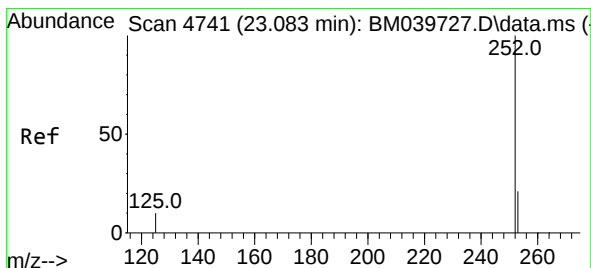
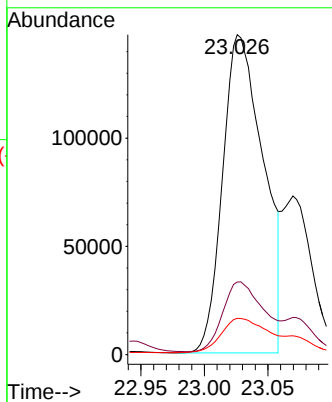
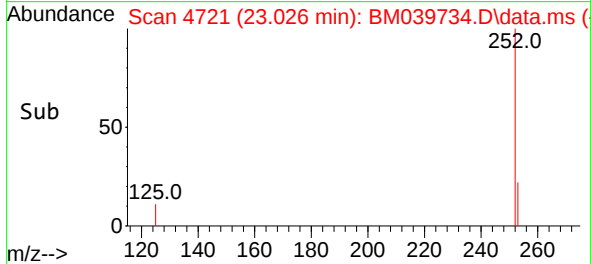
Instrument :
BNA_M
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EW8Z9DL



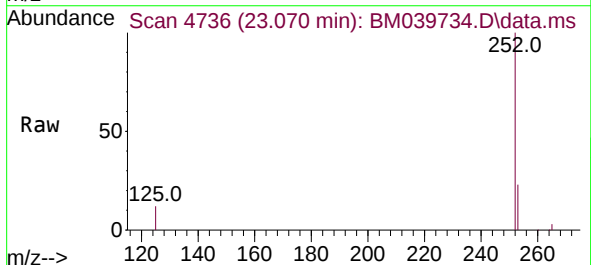
Tgt Ion:252 Resp: 328178
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.8
125 11.3 0.0 31.6

Manual Integrations
APPROVED

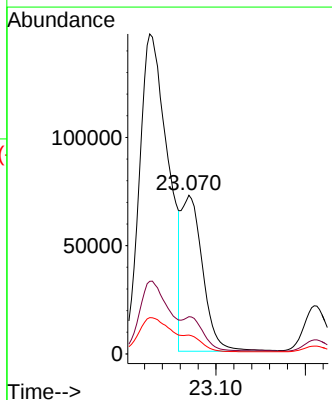
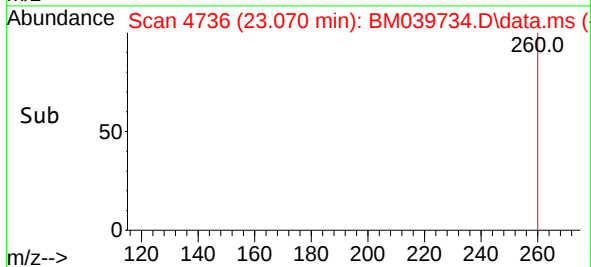
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

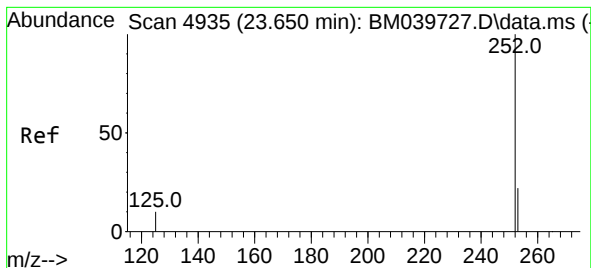


#25
Benzo(k)fluoranthene
Concen: 2.619 ng/ul m
RT: 23.070 min Scan# 4736
Delta R.T. -0.025 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50



Tgt Ion:252 Resp: 120109
Ion Ratio Lower Upper
252 100
253 23.4 21.3 31.9
125 11.8 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 5.265 ng/ul

RT: 23.637 min Scan# 4935

Delta R.T. -0.028 min

Lab File: BM039734.D

Acq: 28 Apr 2023 13:50

Instrument :

BNA_M

ClientSampleId :

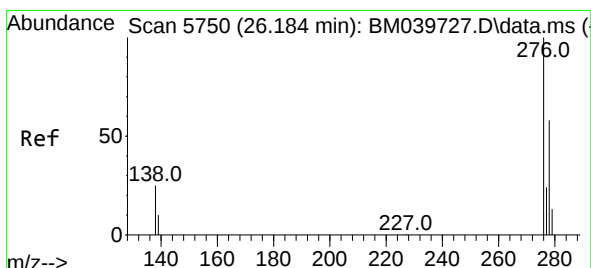
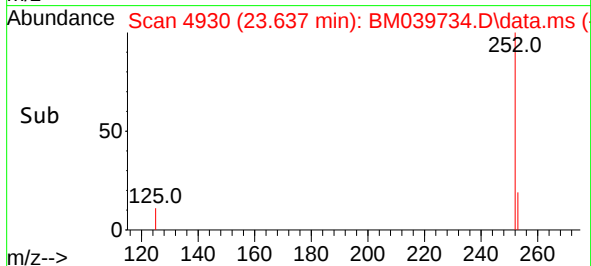
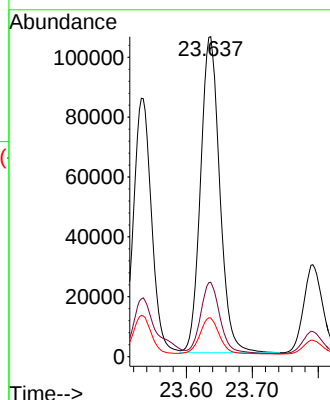
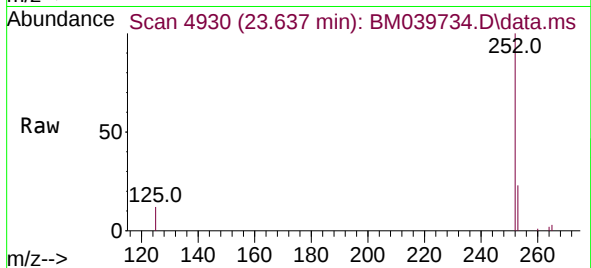
EW8Z9DL

Tgt Ion:252	Resp: 21286
Ion Ratio	Lower Upper
252 100	
253 23.2	24.7 37.1
125 12.1	16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.822 ng/ul

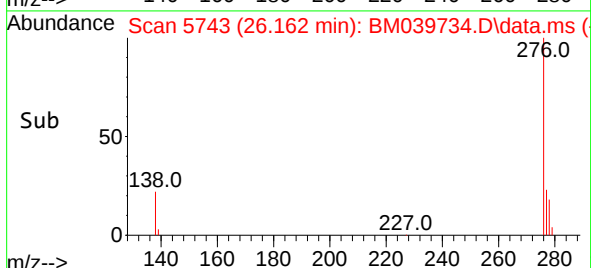
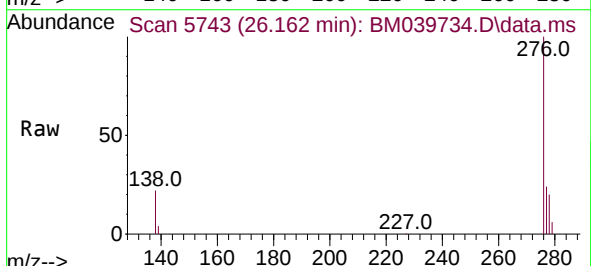
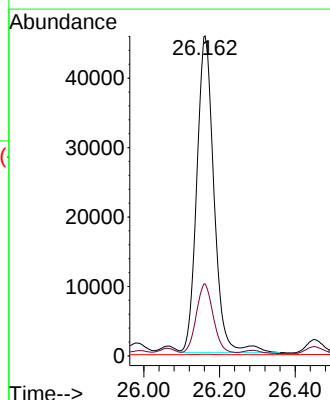
RT: 26.162 min Scan# 5743

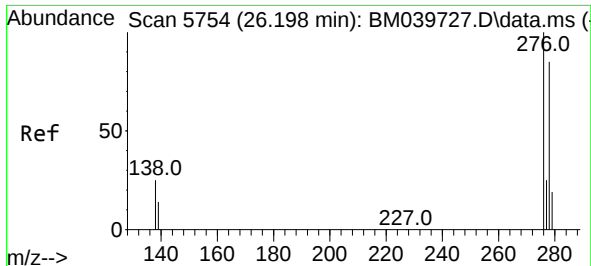
Delta R.T. -0.039 min

Lab File: BM039734.D

Acq: 28 Apr 2023 13:50

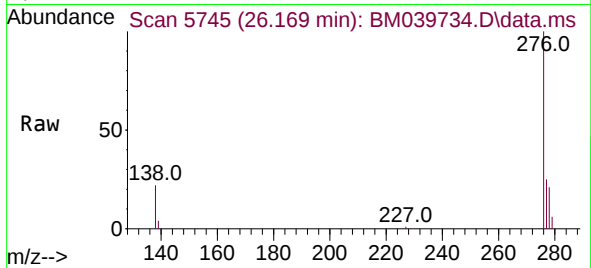
Tgt Ion:276	Resp: 144251
Ion Ratio	Lower Upper
276 100	
138 21.2	21.1 31.7
227 0.1	0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.813 ng/ul
RT: 26.169 min Scan# 51
Delta R.T. -0.049 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50

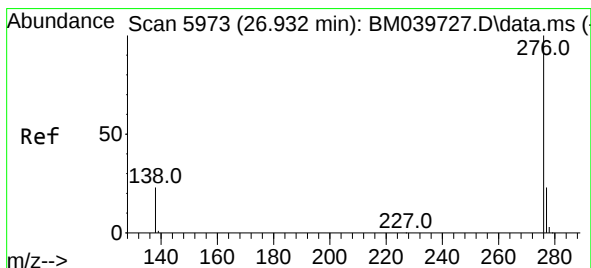
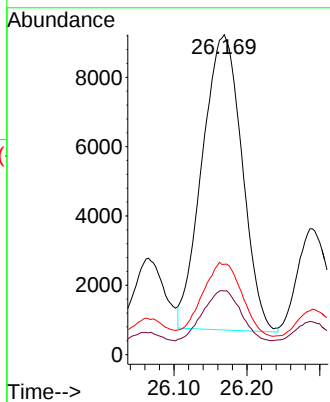
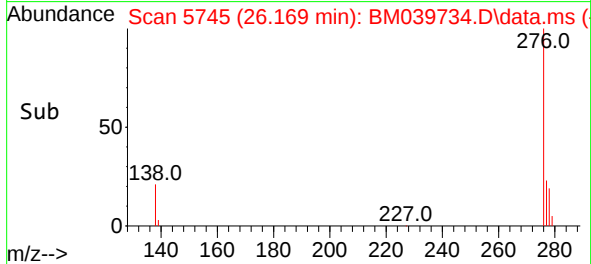
Instrument :
BNA_M
ClientSampleId :
EW8Z9DL



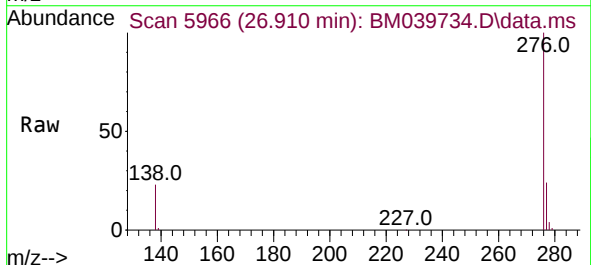
Tgt Ion:278 Resp: 32259
Ion Ratio Lower Upper
278 100
139 19.9 17.0 25.6
279 28.2 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#29
Benzo(g,h,i)perylene
Concen: 2.889 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.039 min
Lab File: BM039734.D
Acq: 28 Apr 2023 13:50



Tgt Ion:276 Resp: 128722
Ion Ratio Lower Upper
276 100
138 22.7 20.1 30.1
277 24.2 20.1 30.1

