

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037134.D
 Acq On : 18 Oct 2022 04:16
 Operator : CG/JU
 Sample : N4984-16DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 05:23:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	5322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	19067	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.547	164	9656	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	16414	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	10735	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	8941	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5274	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1064	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	1665	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	2949	0.054	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	762	0.023	ng/ul	90
10) Acenaphthylene	14.270	152	4318	0.108	ng/ul	98
11) Acenaphthene	14.612	153	712	0.020	ng/ul	93
12) Fluorene	15.597	166	1583	0.040	ng/ul#	97
15) Phenanthrene	17.330	178	33075	0.631	ng/ul	99
16) Anthracene	17.423	178	15947	0.364	ng/ul	100
19) Fluoranthene	19.340	202	130532	3.057	ng/ul	98
20) Pyrene	19.703	202	107849m	2.422	ng/ul	
21) Benzo(a)anthracene	21.447	228	63334	1.633	ng/ul	98
22) Chrysene	21.500	228	57552	1.382	ng/ul	99
24) Benzo(b)fluoranthene	23.122	252	68665	1.719	ng/ul	89
25) Benzo(k)fluoranthene	23.163	252	23875m	0.613	ng/ul	
26) Benzo(a)pyrene	23.742	252	51027	1.575	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.316	276	28669	0.625	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.329	278	7273	0.196	ng/ul	97
29) Benzo(g,h,i)perylene	27.081	276	20121	0.497	ng/ul	98

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

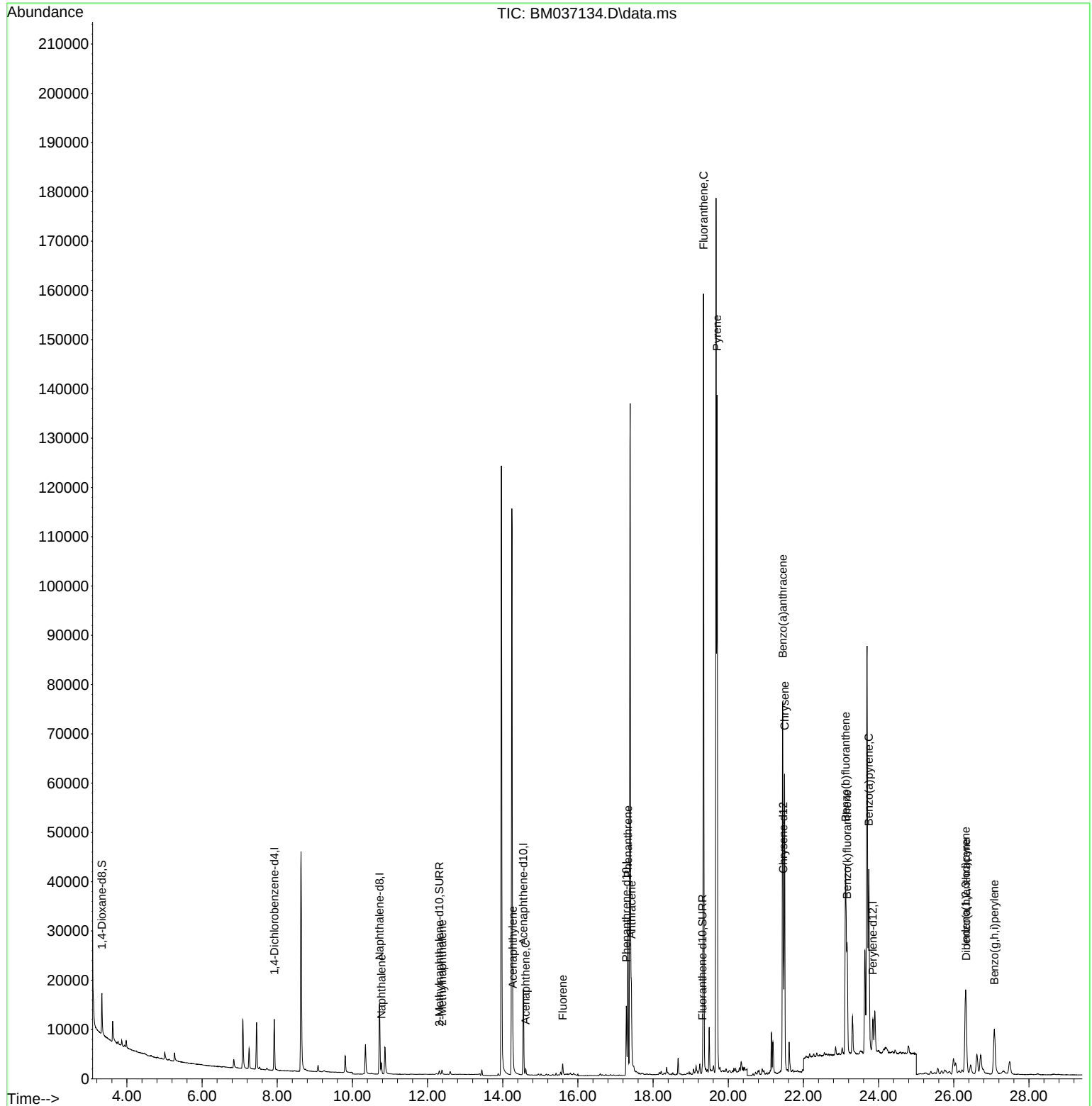
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037134.D
Acq On : 18 Oct 2022 04:16
Operator : CG/JU
Sample : N4984-16DL 5X
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ALS Vial : 33 Sample Multiplier: 1

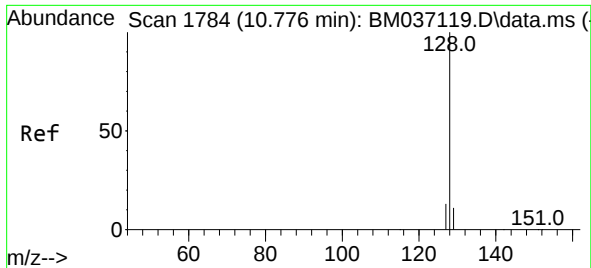
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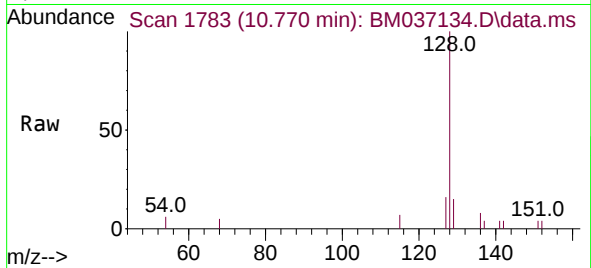
Quant Time: Oct 18 05:23:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.770 min Scan# 1784
Delta R.T. -0.011 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

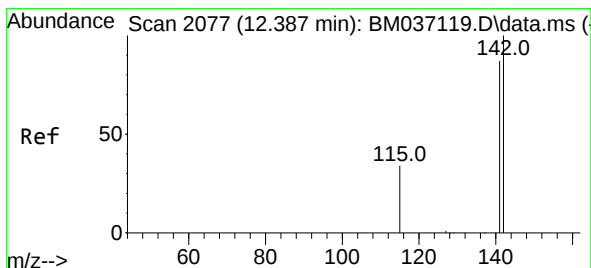
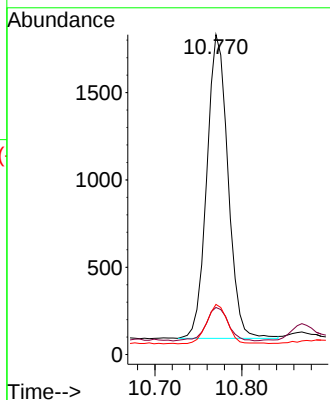
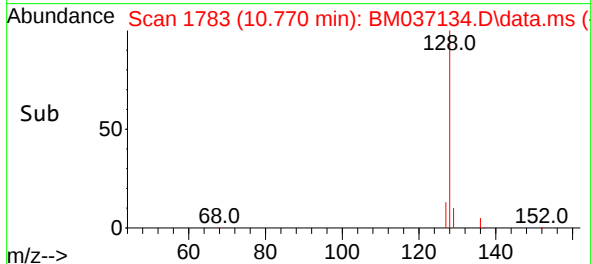
Instrument :
BNA_M
ClientSampleId :
BGNC2DL



Tgt Ion:128 Resp: 2949
Ion Ratio Lower Upper
128 100
129 14.7 10.2 15.2
127 15.7 11.7 17.5

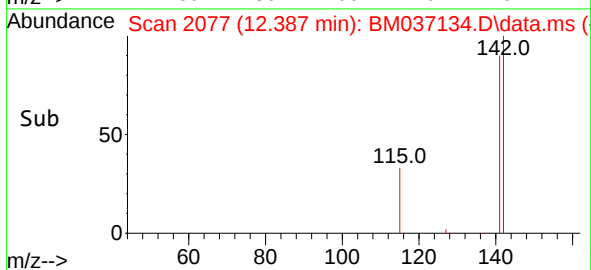
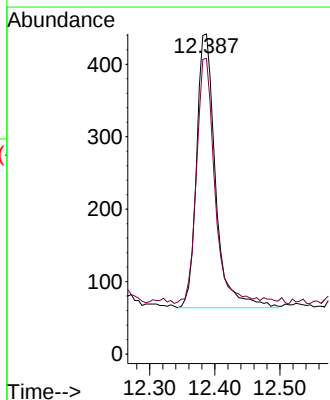
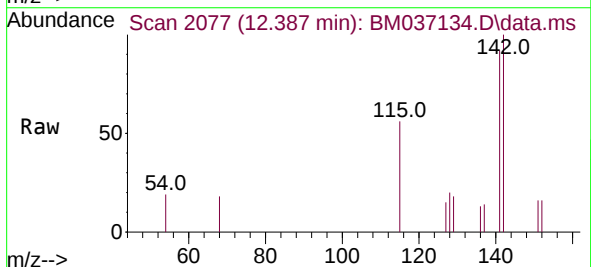
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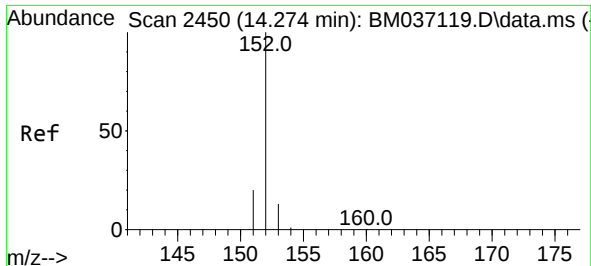
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

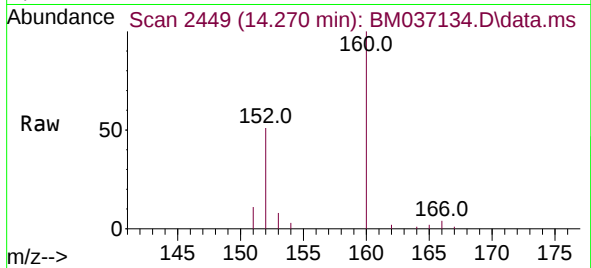
Tgt Ion:142 Resp: 762
Ion Ratio Lower Upper
142 100
141 86.6 77.4 116.0





#10
Acenaphthylene
Concen: 0.108 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

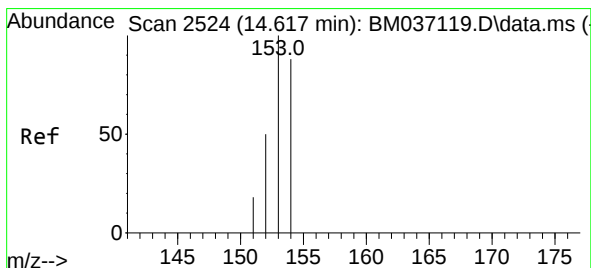
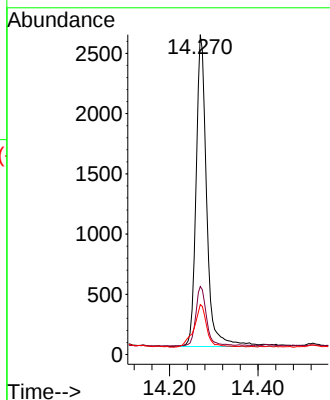
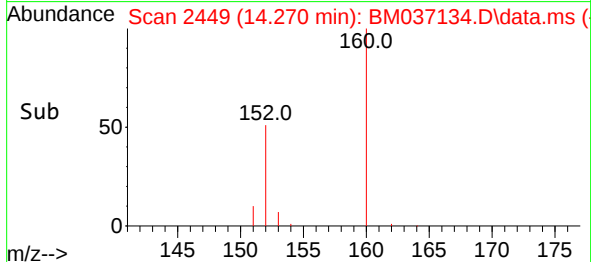
Instrument :
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Tgt Ion:152 Resp: 4318
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 15.6 11.4 17.0

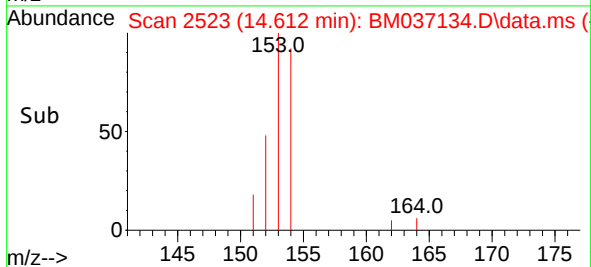
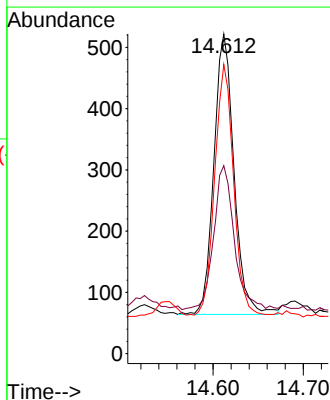
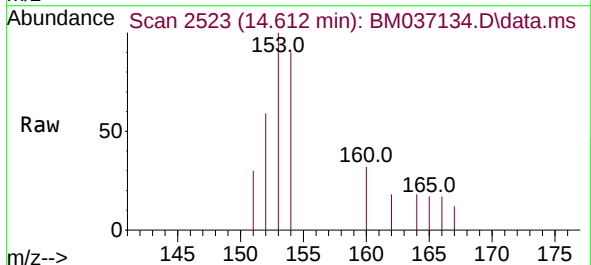
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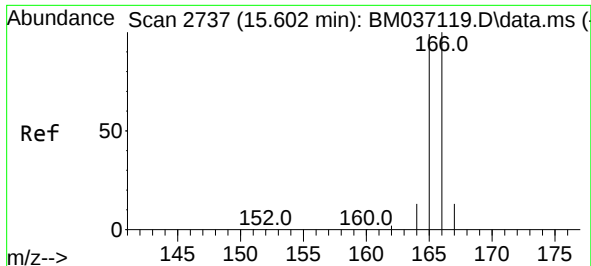
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

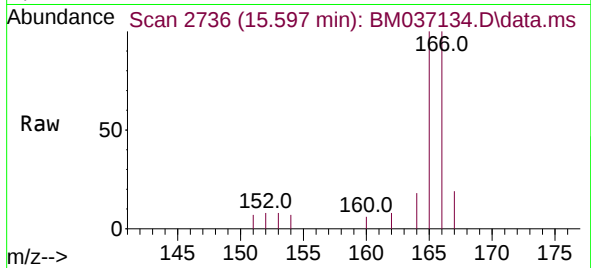
Tgt Ion:153 Resp: 712
Ion Ratio Lower Upper
153 100
152 58.8 40.2 60.4
154 90.4 69.7 104.5





#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.597 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

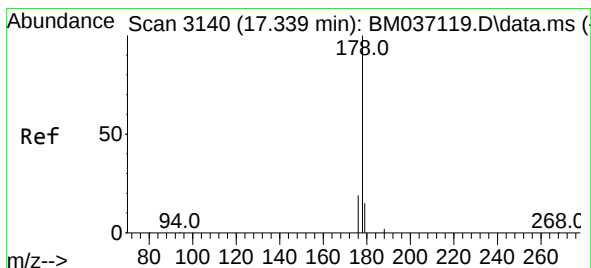
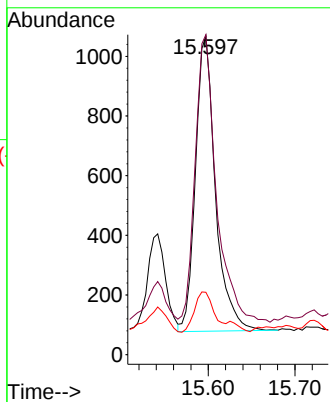
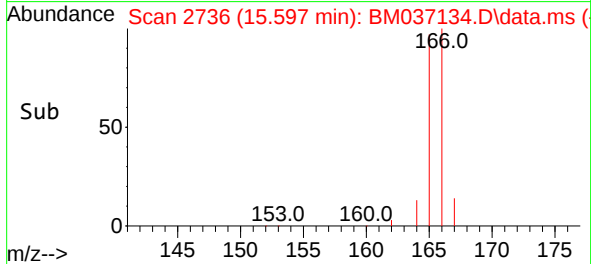
Instrument :
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ClientSampleId :
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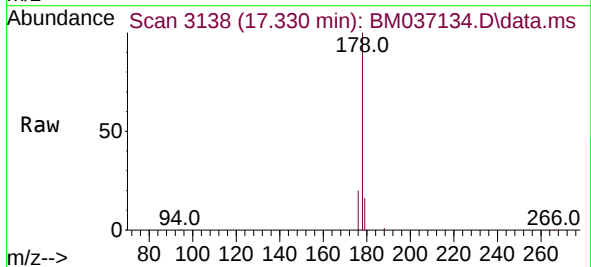
Tgt Ion:166 Resp: 1583
Ion Ratio Lower Upper
166 100
165 100.5 78.9 118.3
167 19.6 11.3 16.9

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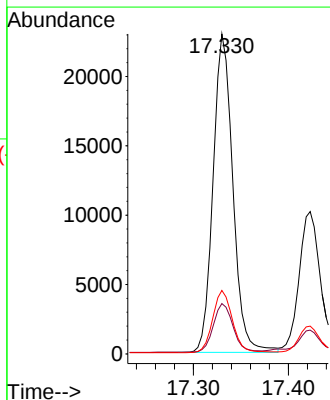
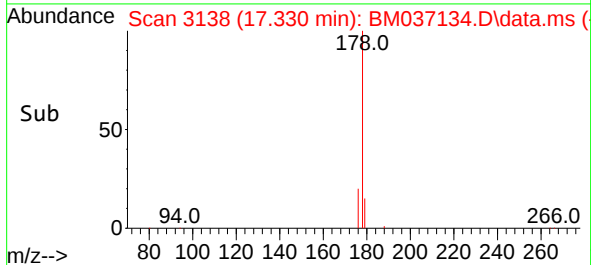
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Supervised By :mohammad ahmed 10/19/2022

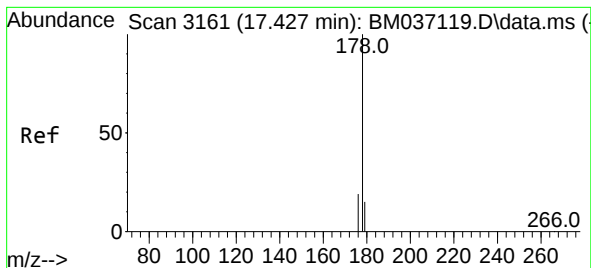


#15
Phenanthrene
Concen: 0.631 ng/ul
RT: 17.330 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16



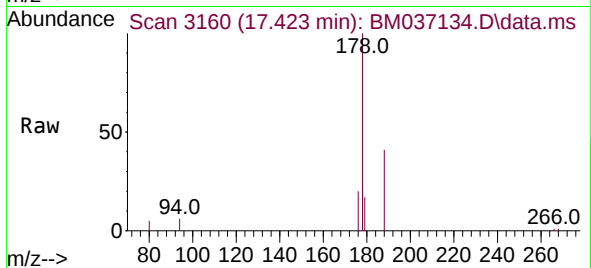
Tgt Ion:178 Resp: 33075
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.8 15.6 23.4





#16
 Anthracene
 Concen: 0.364 ng/ul
 RT: 17.423 min Scan# 3161
 Delta R.T. -0.009 min
 Lab File: BM037134.D
 Acq: 18 Oct 2022 04:16

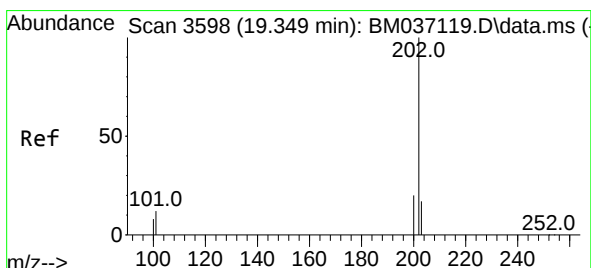
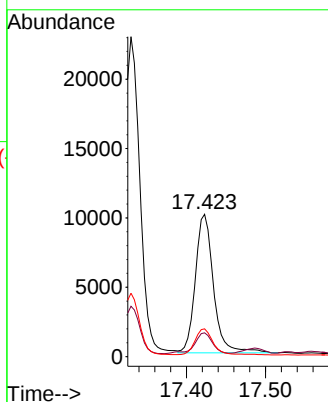
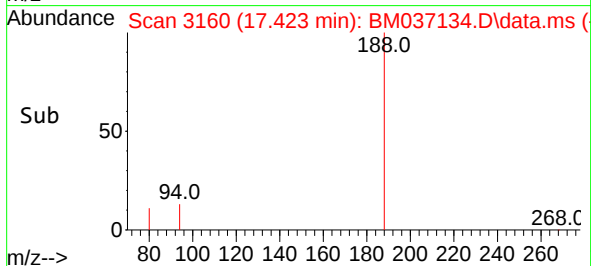
Instrument :
 BNA_M
 ClientSampleId :
 BGNC2DL



Tgt Ion:178 Resp: 15947
 Ion Ratio Lower Upper
 178 100
 179 16.6 13.6 20.4
 176 19.5 15.6 23.4

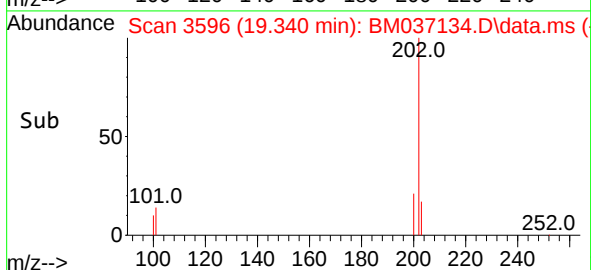
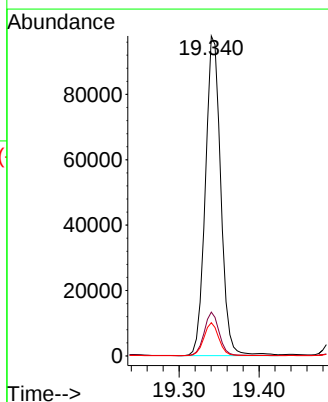
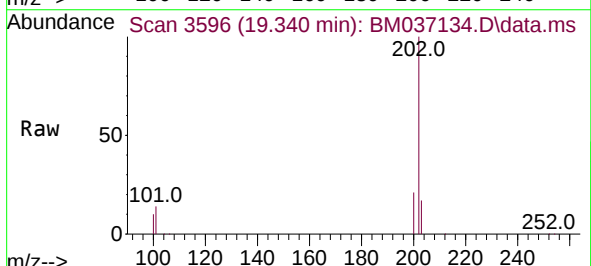
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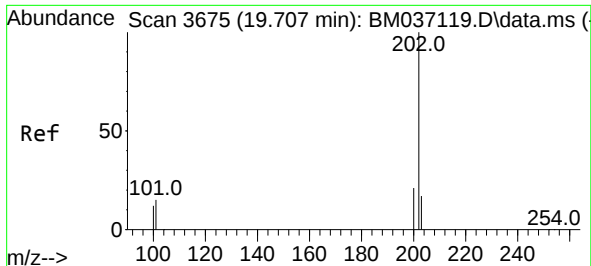
Reviewed By :Jagrut Upadhyay 10/18/2022
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#19
 Fluoranthene
 Concen: 3.057 ng/ul
 RT: 19.340 min Scan# 3596
 Delta R.T. -0.009 min
 Lab File: BM037134.D
 Acq: 18 Oct 2022 04:16

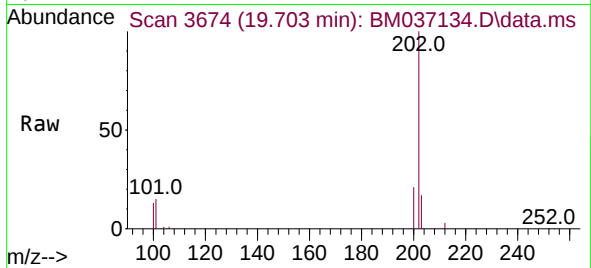
Tgt Ion:202 Resp: 130532
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.1 15.1
 100 10.4 7.9 11.9





#20
Pyrene
Concen: 2.422 ng/ul m
RT: 19.703 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

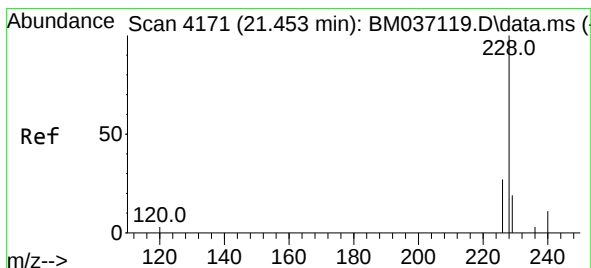
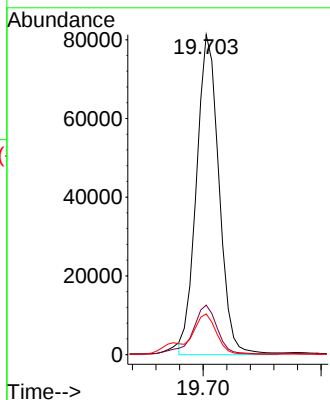
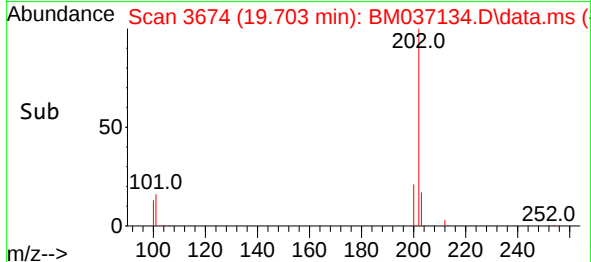
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Tgt Ion:202 Resp: 107849
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.7 9.8 14.6

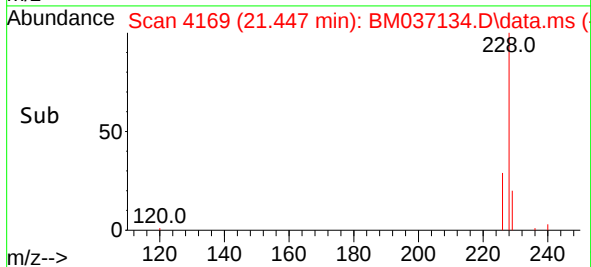
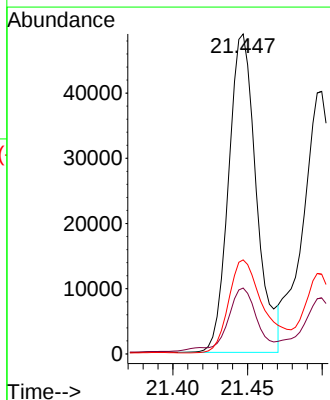
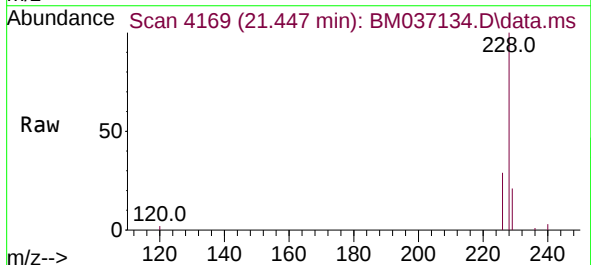
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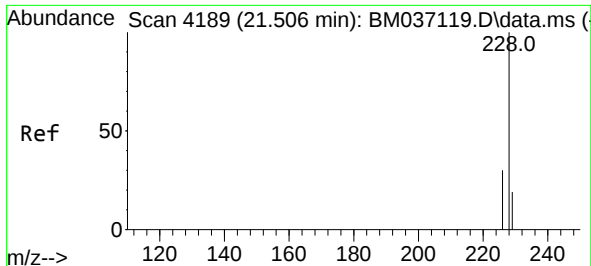
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#21
Benzo(a)anthracene
Concen: 1.633 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

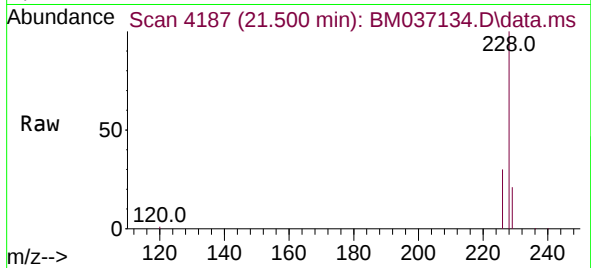
Tgt Ion:228 Resp: 63334
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 29.4 22.5 33.7





#22
Chrysene
Concen: 1.382 ng/ul
RT: 21.500 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

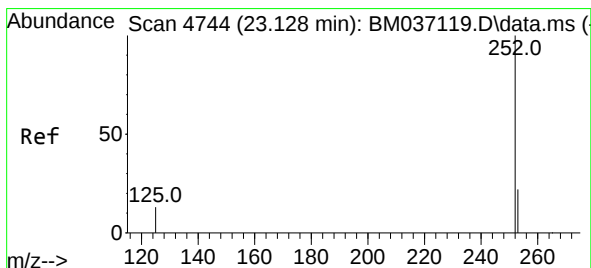
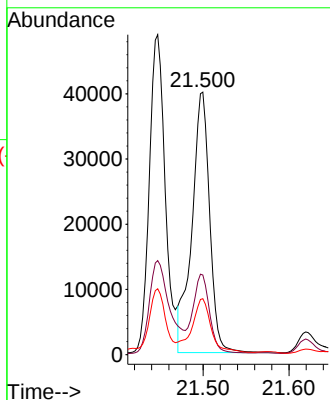
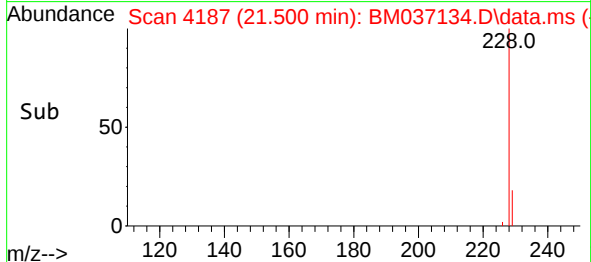
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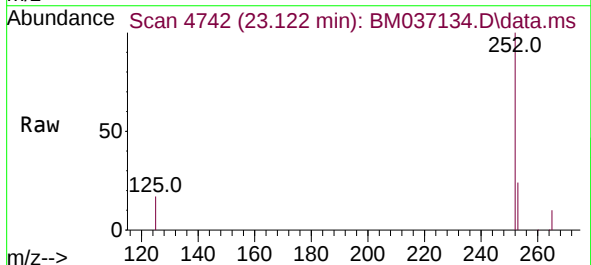
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Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.3 16.4 24.6

Manual Integrations
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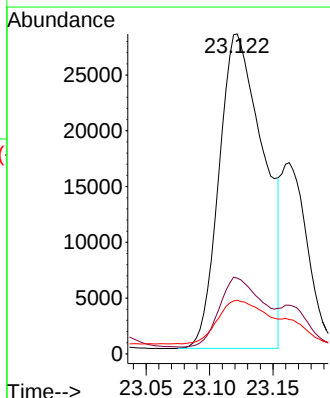
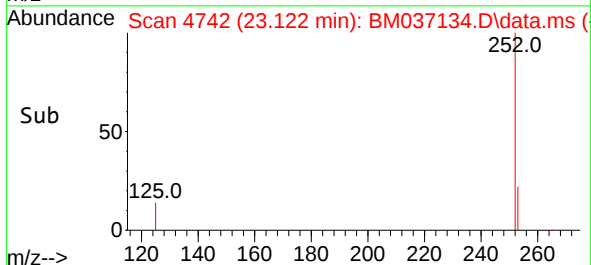
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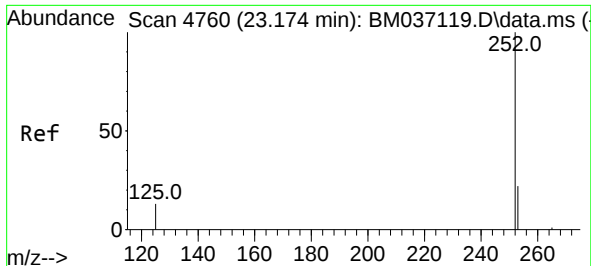


#24
Benzo(b)fluoranthene
Concen: 1.719 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. -0.000 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16



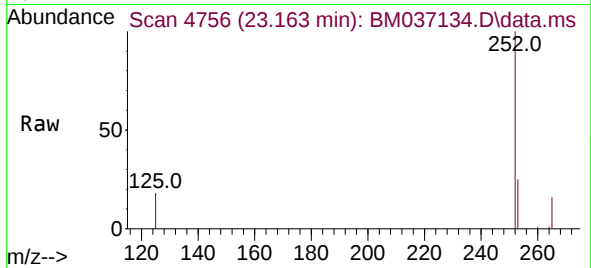
Tgt Ion:252 Resp: 68665
Ion Ratio Lower Upper
252 100
253 23.7 0.0 61.4
125 16.8 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.613 ng/ul m
RT: 23.163 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

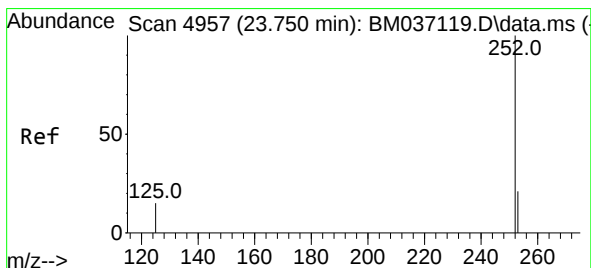
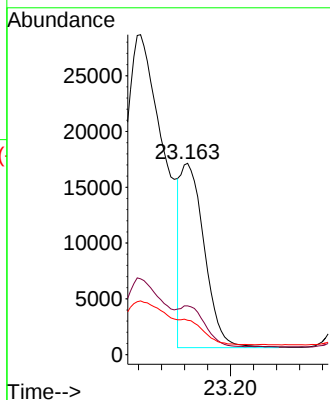
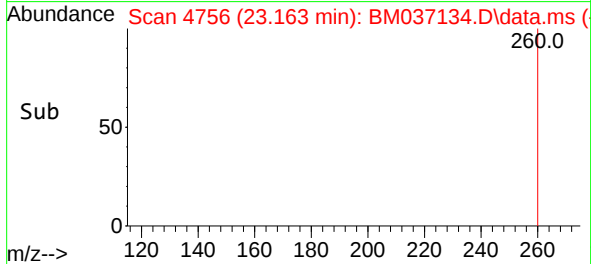
Instrument :
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Tgt Ion:252 Resp: 23875
Ion Ratio Lower Upper
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253 25.4 25.2 37.8
125 18.0 18.3 27.5

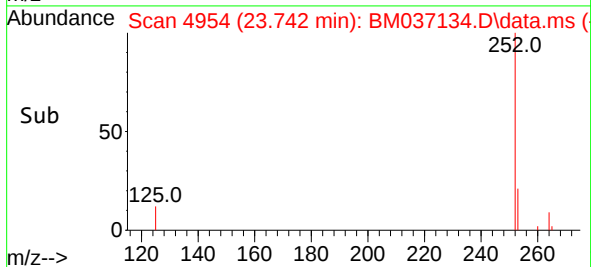
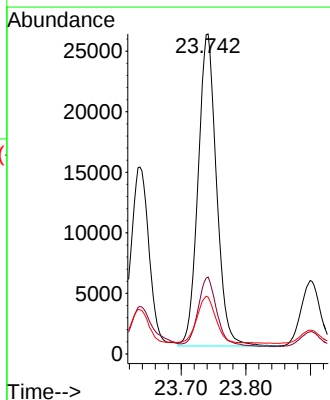
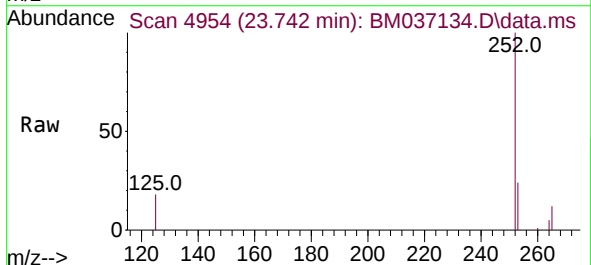
Manual Integrations
APPROVED

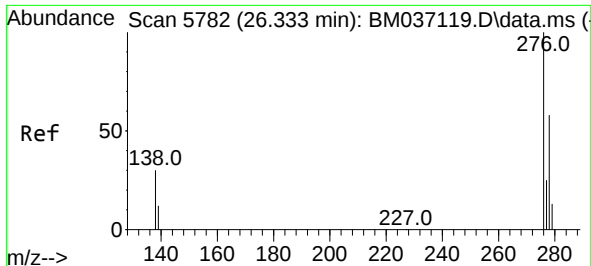
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#26
Benzo(a)pyrene
Concen: 1.575 ng/ul
RT: 23.742 min Scan# 4954
Delta R.T. -0.003 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

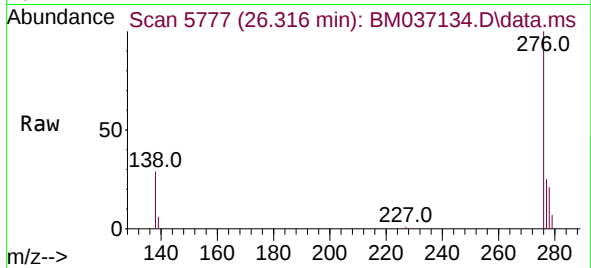
Tgt Ion:252 Resp: 51027
Ion Ratio Lower Upper
252 100
253 24.0 29.7 44.5#
125 17.7 23.6 35.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.625 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

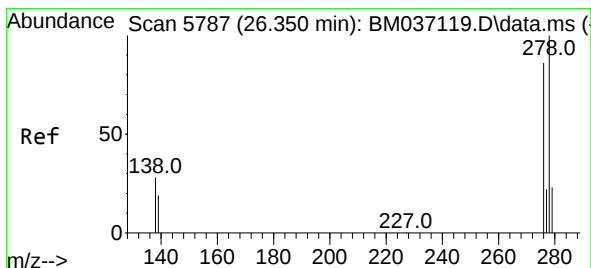
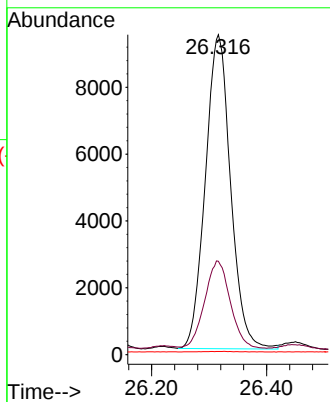
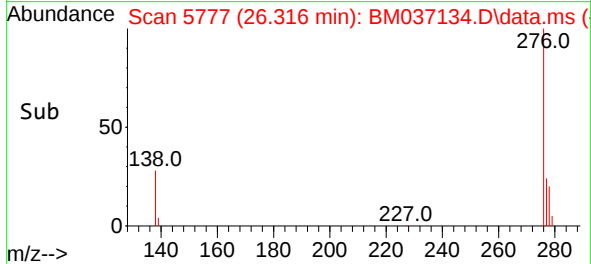
Instrument :
BNA_M
ClientSampleId :
BGNC2DL



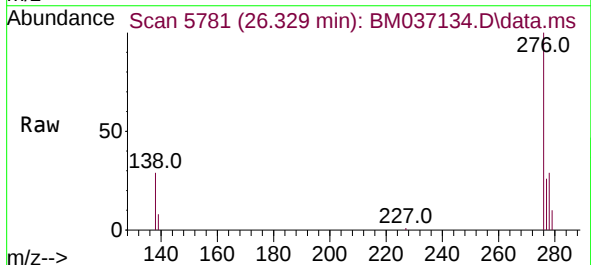
Tgt Ion:276 Resp: 28669
Ion Ratio Lower Upper
276 100
138 28.4 23.9 35.9
227 0.1 0.1 0.1

Manual Integrations
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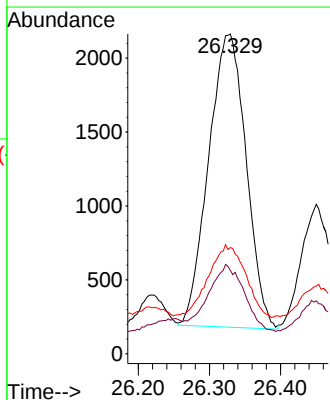
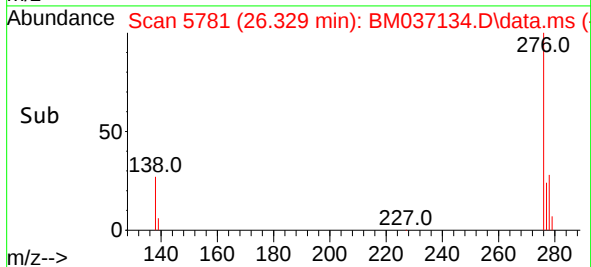
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

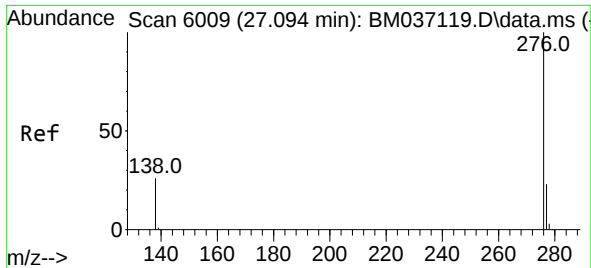


#28
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.014 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16



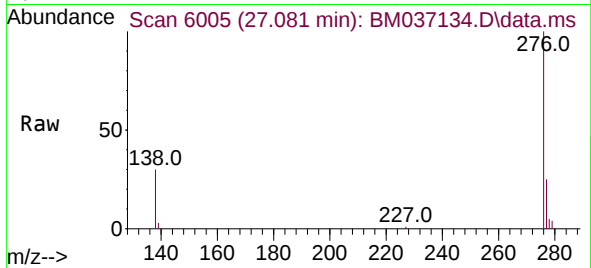
Tgt Ion:278 Resp: 7273
Ion Ratio Lower Upper
278 100
139 26.1 19.8 29.6
279 33.2 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.007 min
Lab File: BM037134.D
Acq: 18 Oct 2022 04:16

Instrument :
BNA_M
ClientSampleId :
BGNC2DL



Tgt Ion:	276	Resp:	2012
Ion Ratio	Lower	Upper	
276	100		
138	29.9	23.4	35.0
277	24.8	21.0	31.4

Manual Integrations
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Supervised By :mohammad ahmed 10/19/2022

