

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037648.D
 Acq On : 22 Nov 2022 18:52
 Operator : CG/JU
 Sample : N5577-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9832

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 22:52:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	8846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.947	136	27008	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.747	164	16456	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	35039	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	26683	0.400	ng/ul	# 0.00
23) Perylene-d12	24.127	264	25557	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	48681	4.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	10514	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	24376	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.997	128	3273	0.040	ng/ul#	94
7) 2-Methylnaphthalene	12.597	142	1939	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.812	142	1317	0.023	ng/ul	97
10) Acenaphthylene	14.469	152	2114	0.023	ng/ul#	68
15) Phenanthrene	17.521	178	16444	0.137	ng/ul	98
16) Anthracene	17.614	178	3274	0.028	ng/ul#	87
19) Fluoranthene	19.522	202	44056	0.342	ng/ul#	96
20) Pyrene	19.885	202	38128m	0.285	ng/ul	
21) Benzo(a)anthracene	21.622	228	16663	0.140	ng/ul	99
22) Chrysene	21.674	228	18170	0.153	ng/ul	97
24) Benzo(b)fluoranthene	23.364	252	25458	0.218	ng/ul#	78
25) Benzo(k)fluoranthene	23.408	252	8440m	0.072	ng/ul	
26) Benzo(a)pyrene	24.016	252	16579	0.164	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.724	276	10797	0.080	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.738	278	2625	0.025	ng/ul#	32
29) Benzo(g,h,i)perylene	27.536	276	8424	0.074	ng/ul#	88

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

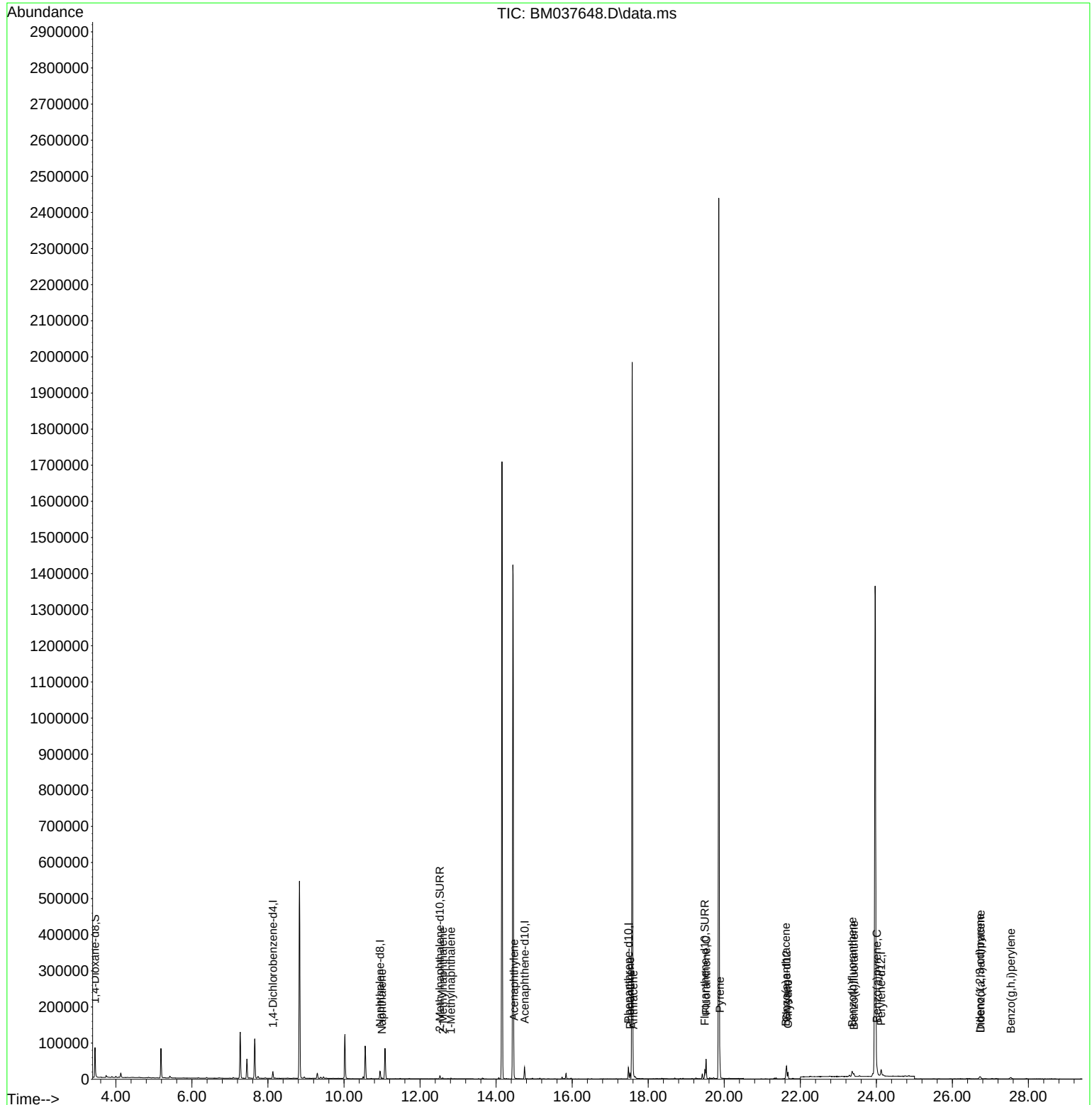
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037648.D
Acq On : 22 Nov 2022 18:52
Operator : CG/JU
Sample : N5577-09
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ALS Vial : 48 Sample Multiplier: 1

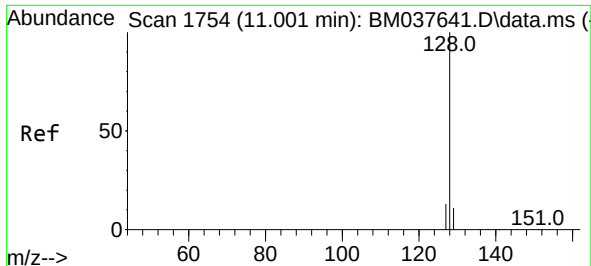
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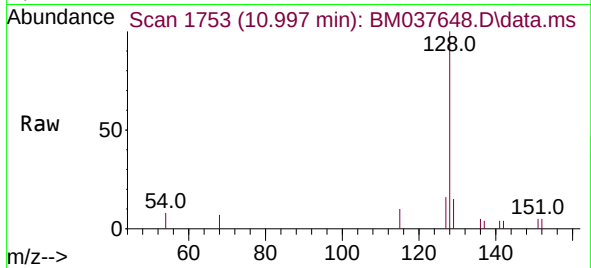
Quant Time: Nov 22 22:52:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

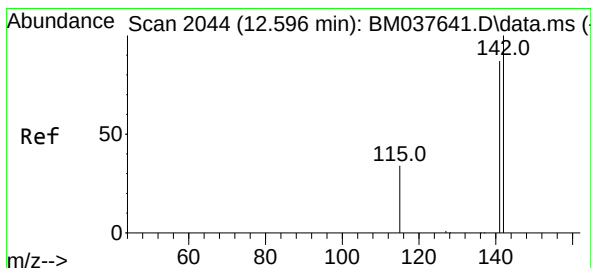
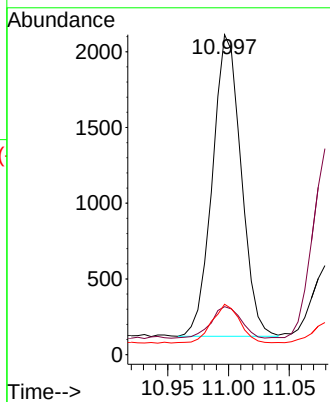
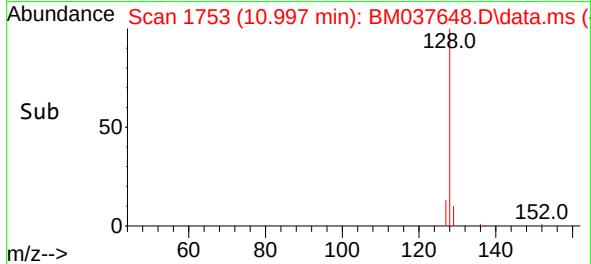
Instrument :
BNA_M
ClientSampleId :
C9832



Tgt Ion:128 Resp: 3273
Ion Ratio Lower Upper
128 100
129 15.0 9.8 14.8
127 15.8 11.0 16.4

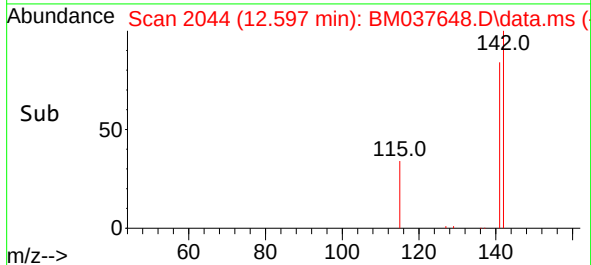
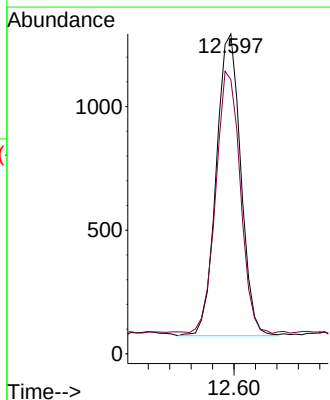
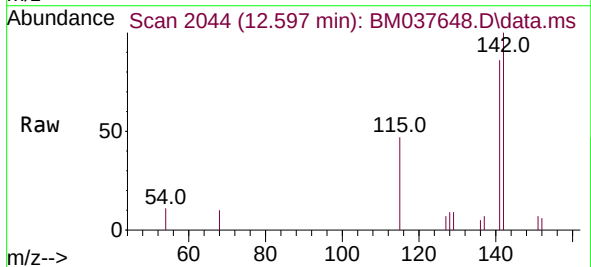
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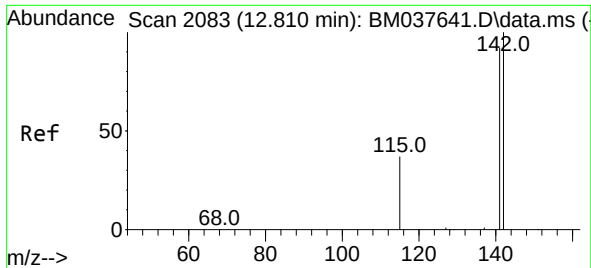
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.597 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

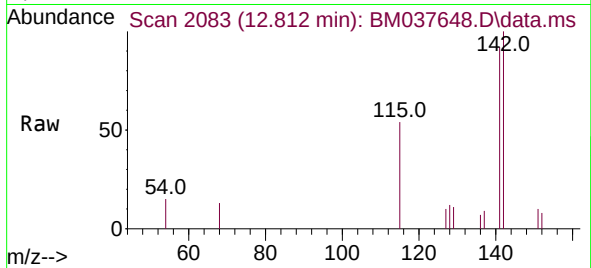
Tgt Ion:142 Resp: 1939
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.4





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

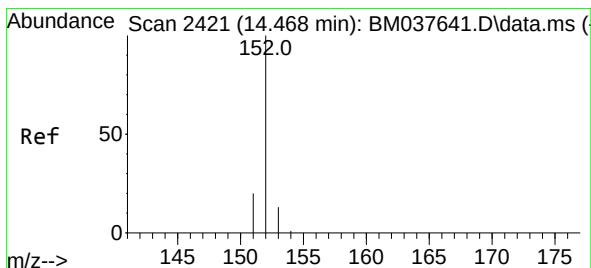
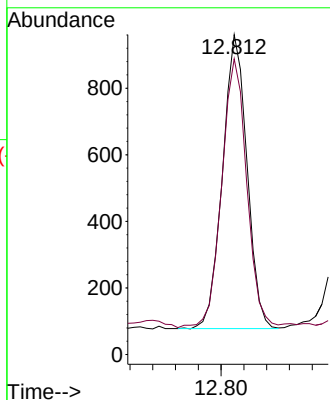
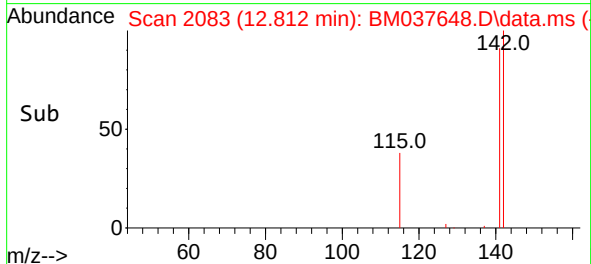
Instrument :
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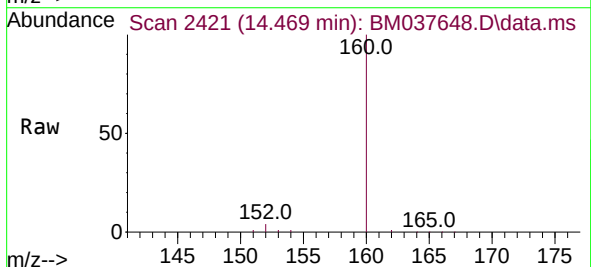
Tgt Ion:142 Resp: 1317
Ion Ratio Lower Upper
142 100
141 95.0 73.4 110.0

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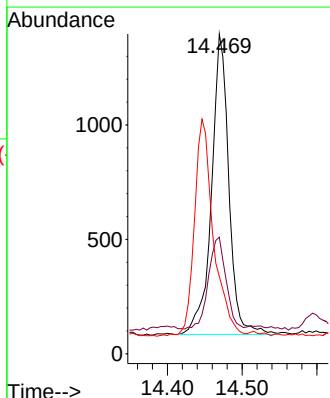
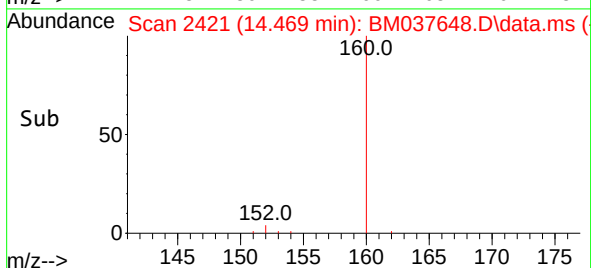
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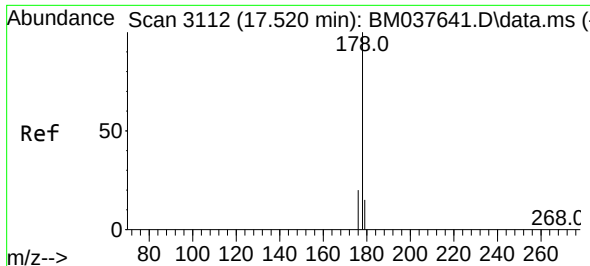


#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.469 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52



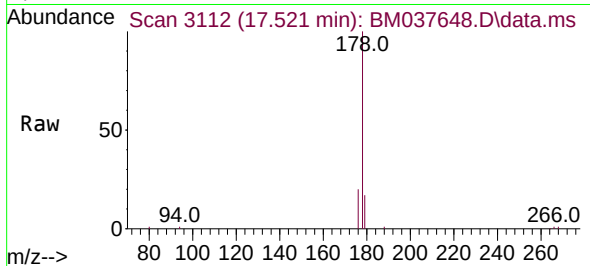
Tgt Ion:152 Resp: 2114
Ion Ratio Lower Upper
152 100
151 36.5 15.9 23.9#
153 24.2 11.0 16.4#





#15
Phenanthrene
Concen: 0.137 ng/ul
RT: 17.521 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

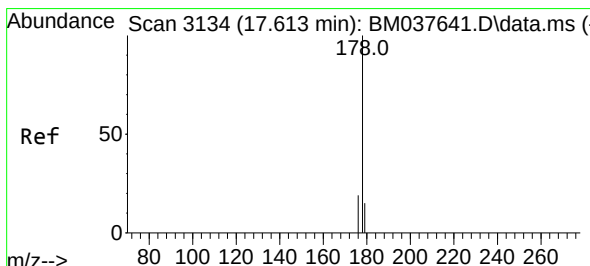
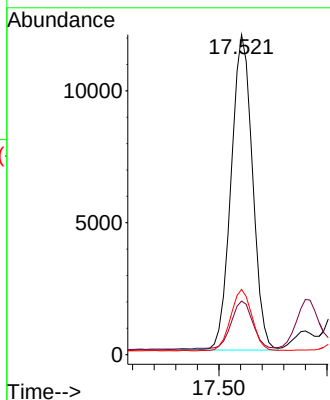
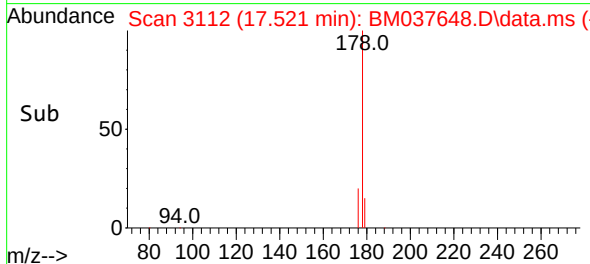
Instrument :
BNA_M
ClientSampleId :
C9832



Tgt Ion:178 Resp: 16444
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.4 16.0 24.0

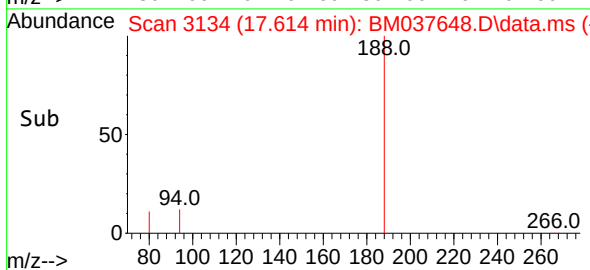
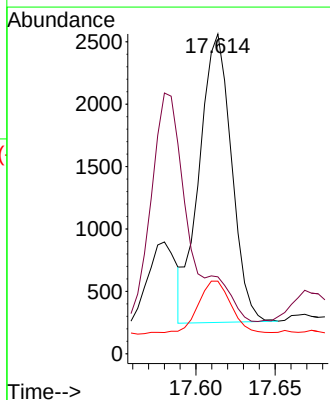
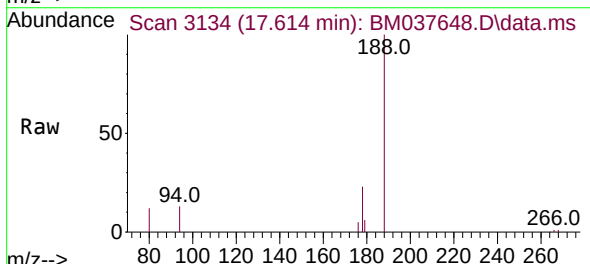
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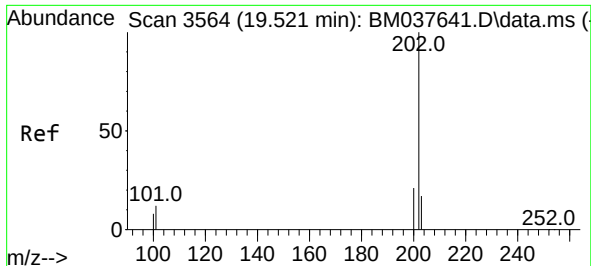
Reviewed By :Jagrut Upadhyay 11/23/2022
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#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.614 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

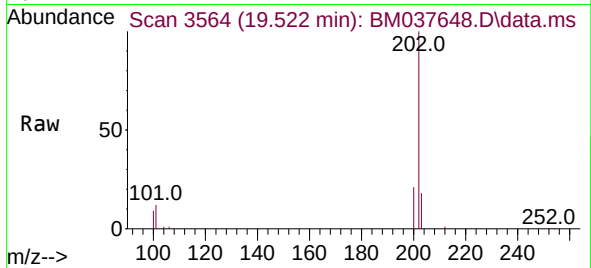
Tgt Ion:178 Resp: 3274
Ion Ratio Lower Upper
178 100
179 24.1 12.8 19.2#
176 22.7 15.0 22.6#





#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.522 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

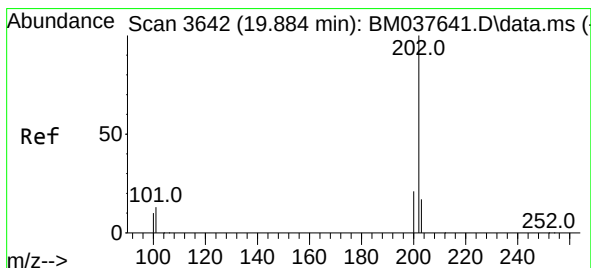
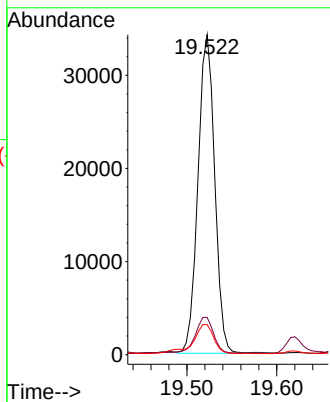
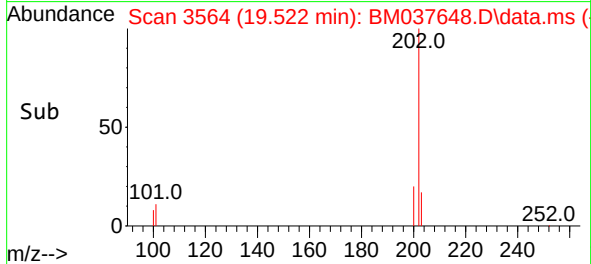
Instrument :
BNA_M
ClientSampleId :
C9832



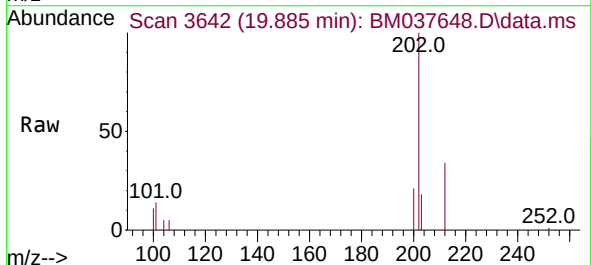
Tgt Ion:202 Resp: 44056
Ion Ratio Lower Upper
202 100
101 11.6 8.2 12.2
100 9.4 6.1 9.1

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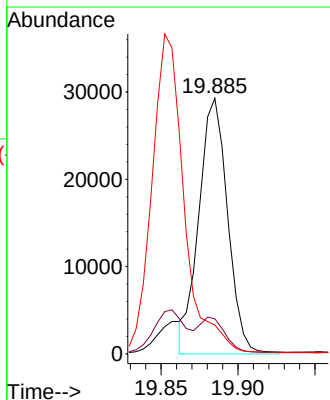
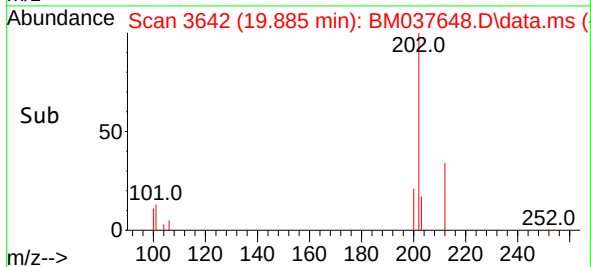
Reviewed By :Jagrut Upadhyay 11/23/2022
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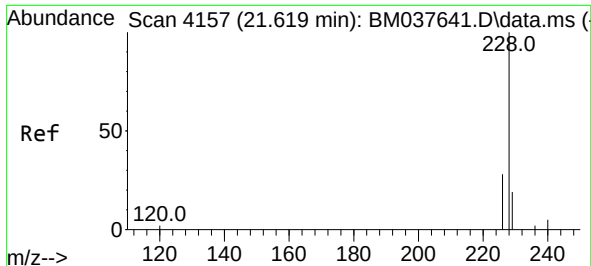


#20
Pyrene
Concen: 0.285 ng/ul m
RT: 19.885 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52



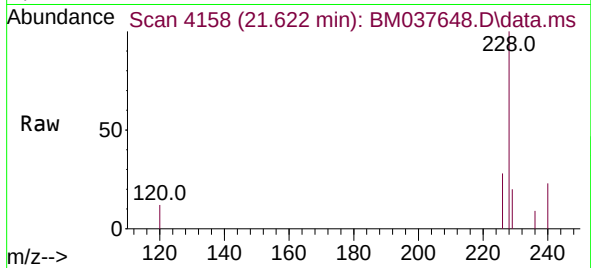
Tgt Ion:202 Resp: 38128
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 11.3 8.0 12.0





#21
Benzo(a)anthracene
Concen: 0.140 ng/ul
RT: 21.622 min Scan# 4157
Delta R.T. -0.000 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

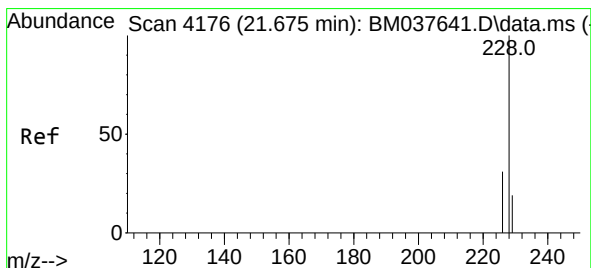
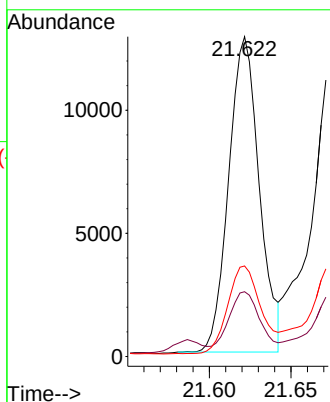
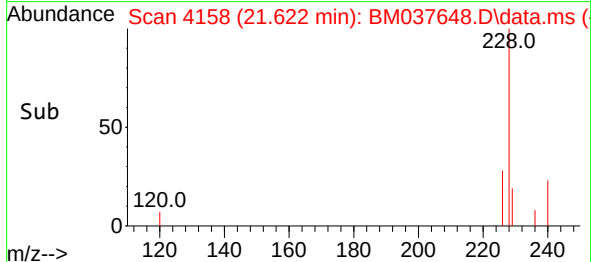
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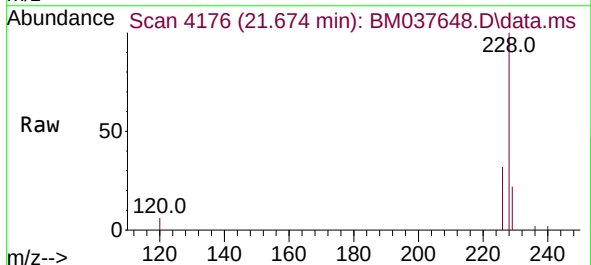
Tgt Ion:228 Resp: 16663
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.3 22.2 33.2

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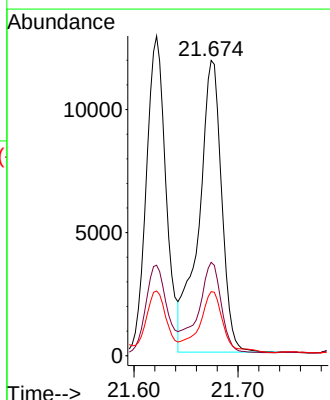
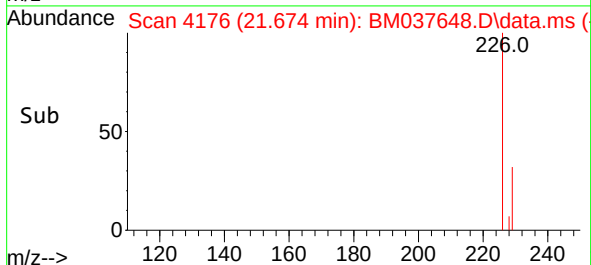
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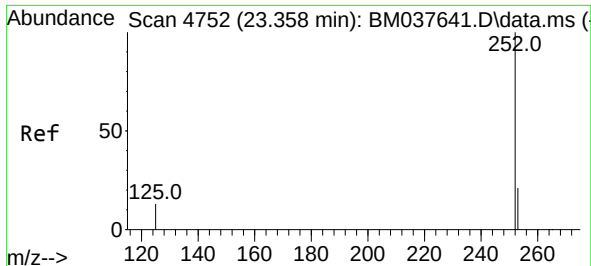


#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52



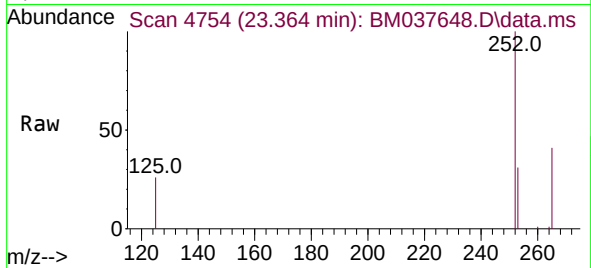
Tgt Ion:228 Resp: 18170
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 21.8 15.5 23.3





#24
Benzo(b)fluoranthene
Concen: 0.218 ng/ul
RT: 23.364 min Scan# 4754
Delta R.T. 0.002 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

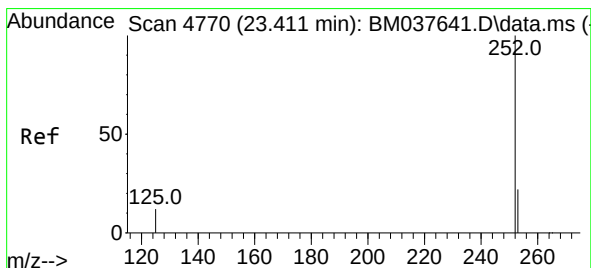
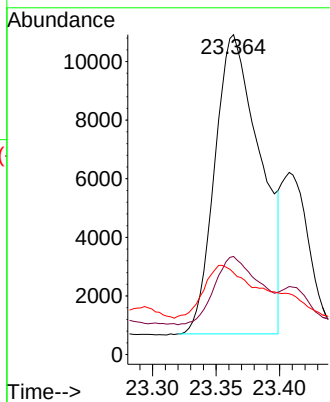
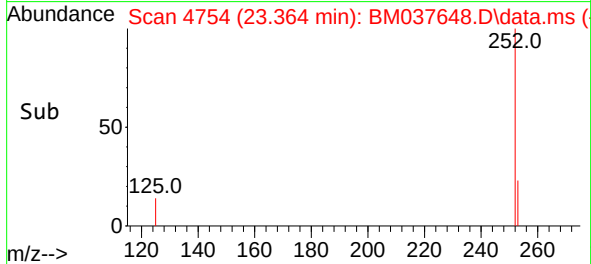
Instrument :
BNA_M
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C9832



Tgt Ion:252 Resp: 25458
Ion Ratio Lower Upper
252 100
253 30.7 0.0 46.2
125 25.6 0.0 23.4

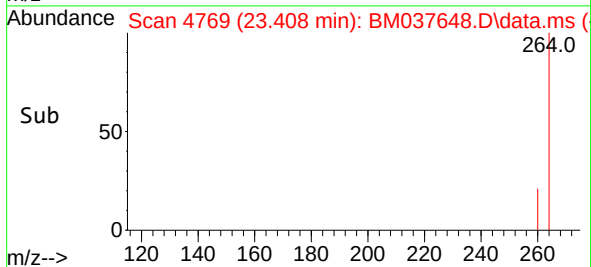
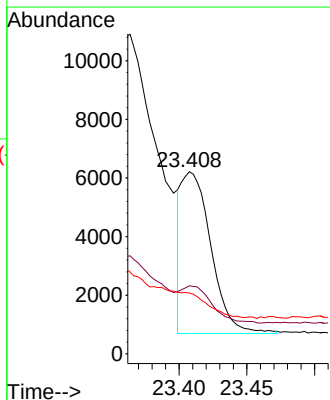
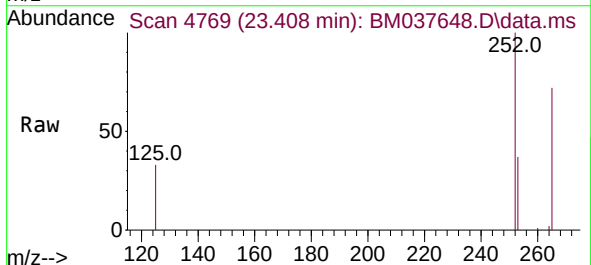
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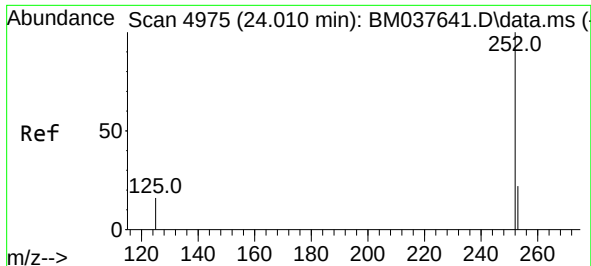
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 23.408 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

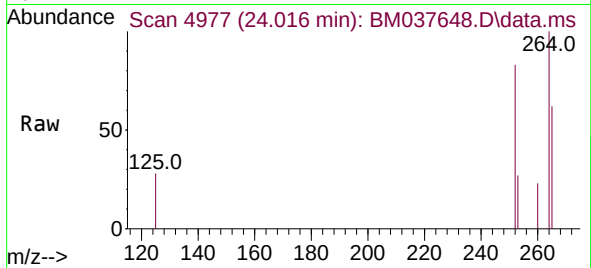
Tgt Ion:252 Resp: 8440
Ion Ratio Lower Upper
252 100
253 37.3 18.8 28.2#
125 33.5 9.8 14.6#





#26
Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 24.016 min Scan# 4977
Delta R.T. 0.002 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

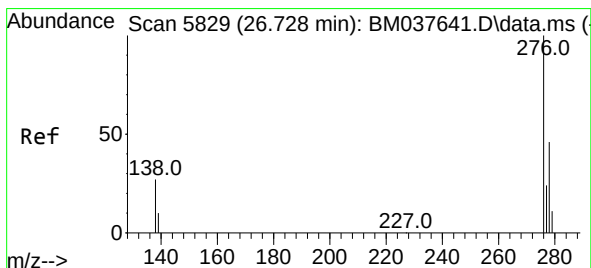
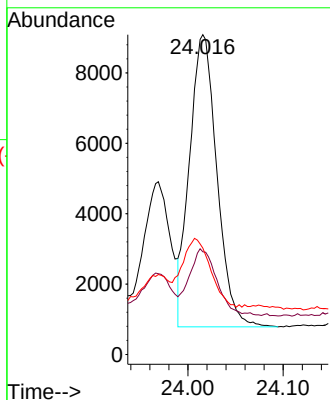
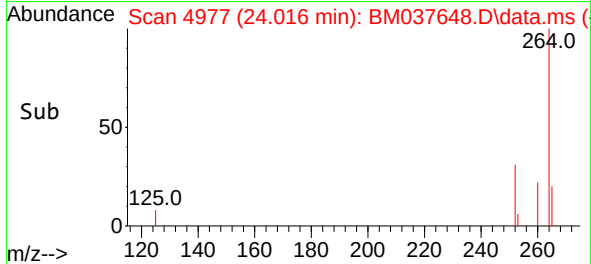
Instrument :
BNA_M
ClientSampleId :
C9832



Tgt Ion:252 Resp: 16579
Ion Ratio Lower Upper
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253 32.1 18.8 28.2
125 33.3 10.5 15.7

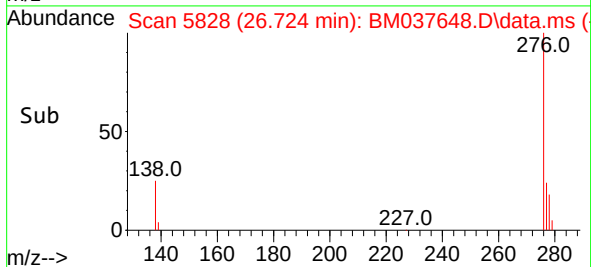
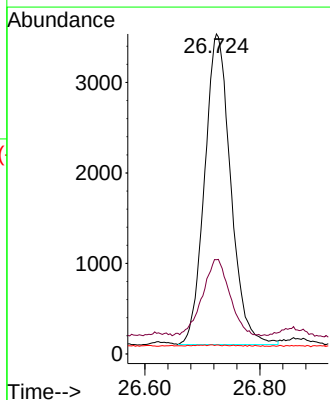
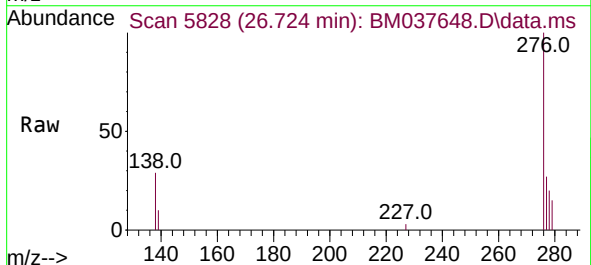
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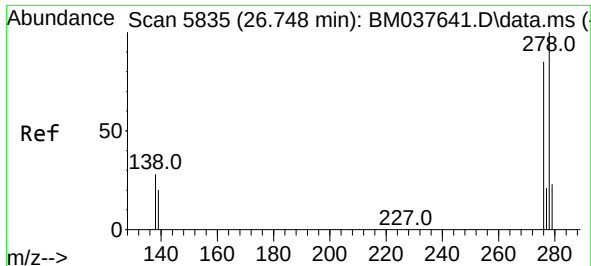
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 26.724 min Scan# 5828
Delta R.T. -0.004 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

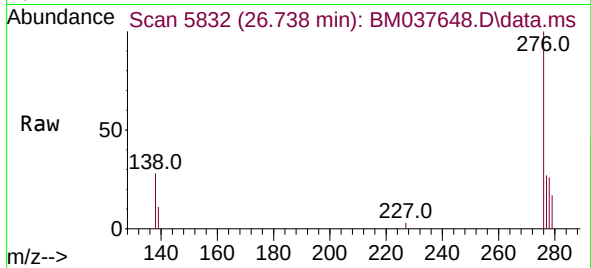
Tgt Ion:276 Resp: 10797
Ion Ratio Lower Upper
276 100
138 26.3 21.2 31.8
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.738 min Scan# 5835
Delta R.T. -0.011 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52

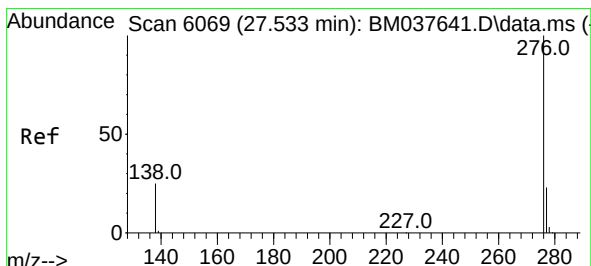
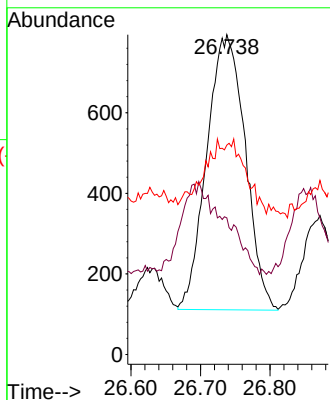
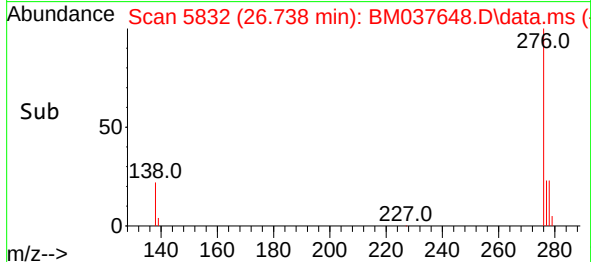
Instrument :
BNA_M
ClientSampleId :
C9832



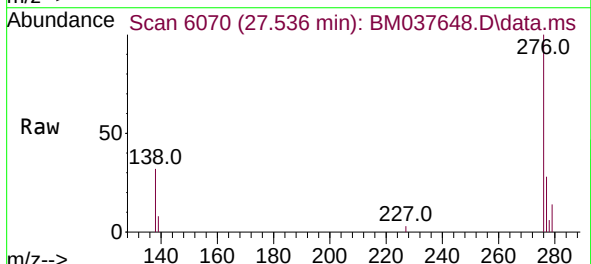
Tgt Ion:278 Resp: 2625
Ion Ratio Lower Upper
278 100
139 42.7 15.2 22.8
279 65.5 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 27.536 min Scan# 6070
Delta R.T. 0.003 min
Lab File: BM037648.D
Acq: 22 Nov 2022 18:52



Tgt Ion:276 Resp: 8424
Ion Ratio Lower Upper
276 100
138 31.8 19.0 28.4
277 27.6 19.4 29.2

