

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037077.D
 Acq On : 15 Oct 2022 05:42
 Operator : CG/JU
 Sample : N5049-11
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 06:45:38 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	24687	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	13184	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	26462	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	21126	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	15756	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	31483	3.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	8293	0.222	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	17620	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	71918	1.019	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	49859	1.155	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	40695	0.928	ng/ul	99
10) Acenaphthylene	14.275	152	207088	3.779	ng/ul	98
11) Acenaphthene	14.618	153	18362	0.386	ng/ul	99
12) Fluorene	15.598	166	72694	1.349	ng/ul	99
15) Phenanthrene	17.335	178	1105779	13.090	ng/ul	99
16) Anthracene	17.428	178	326433	4.624	ng/ul	97
19) Fluoranthene	19.351	202	2851353	33.933	ng/ul	99
20) Pyrene	19.713	202	2269753	25.903	ng/ul	98
21) Benzo(a)anthracene	21.449	228	1265537	16.580	ng/ul	97
22) Chrysene	21.502	228	1024960	12.507	ng/ul	98
24) Benzo(b)fluoranthene	23.130	252	1426768	20.270	ng/ul	85
25) Benzo(k)fluoranthene	23.171	252	486568m	7.094	ng/ul	
26) Benzo(a)pyrene	23.750	252	853579	14.946	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.325	276	571140	7.060	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.332	278	141201m	2.160	ng/ul	
29) Benzo(g,h,i)perylene	27.087	276	392333	5.504	ng/ul	96

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

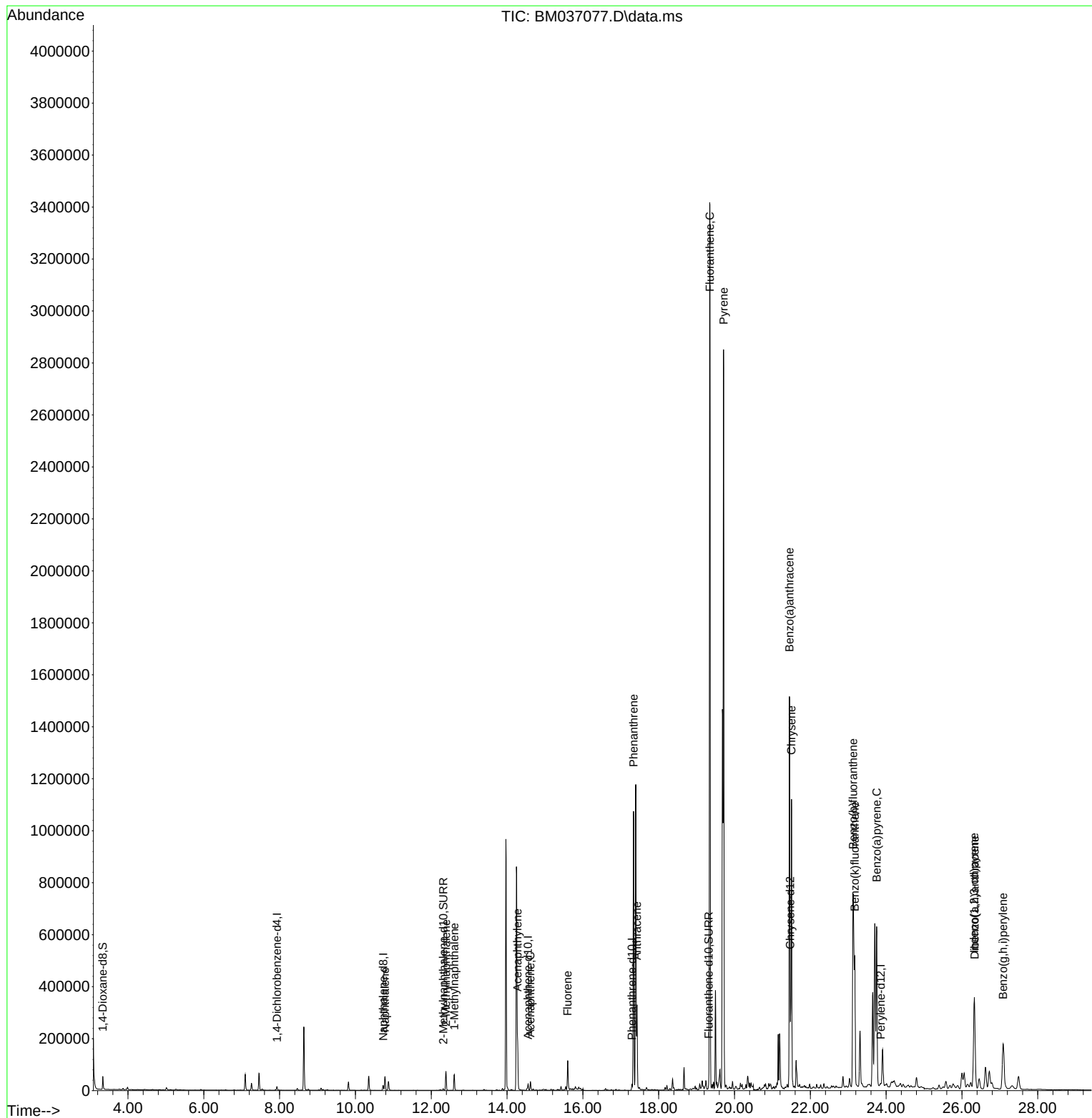
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037077.D
Acq On : 15 Oct 2022 05:42
Operator : CG/JU
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ALS Vial : 74 Sample Multiplier: 1

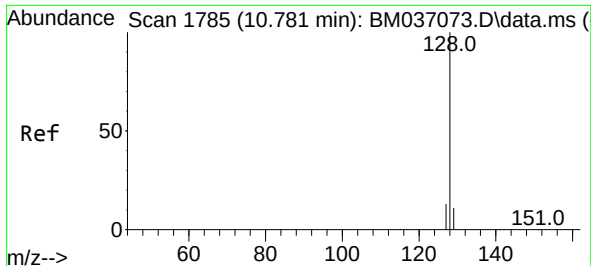
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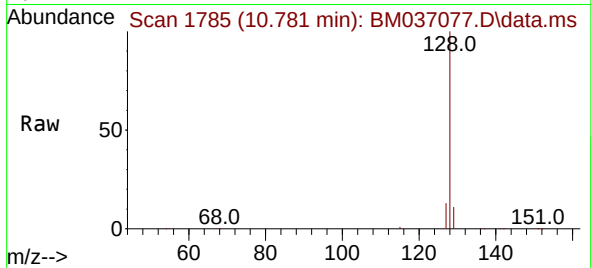
Quant Time: Oct 15 06:45:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
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#5
Naphthalene
Concen: 1.019 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

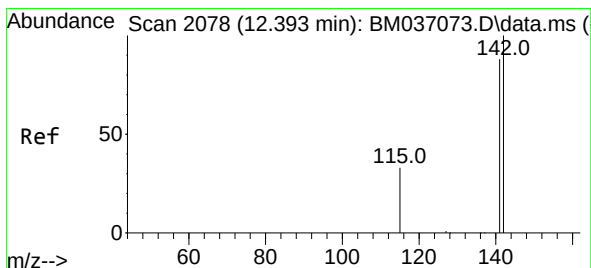
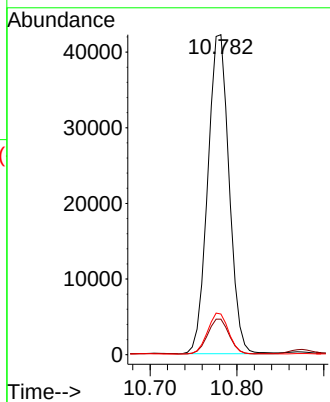
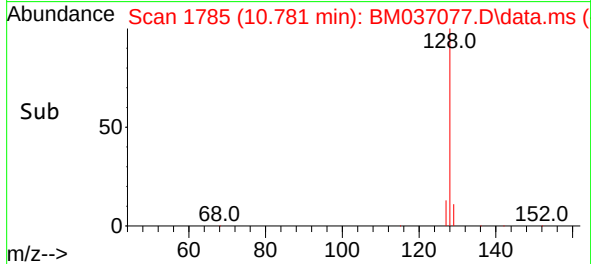
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:128 Resp: 71918
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.7 11.7 17.5

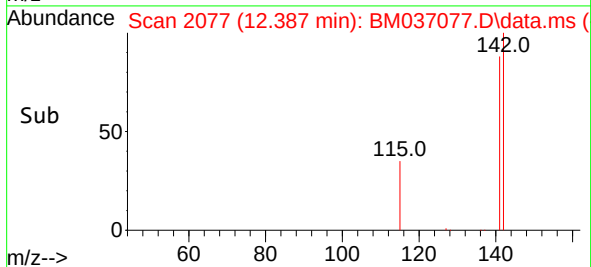
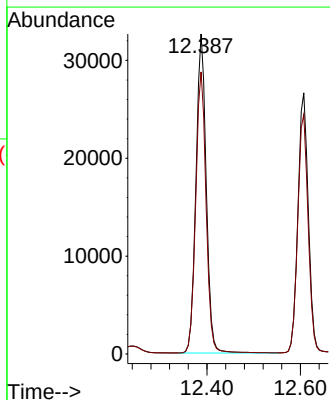
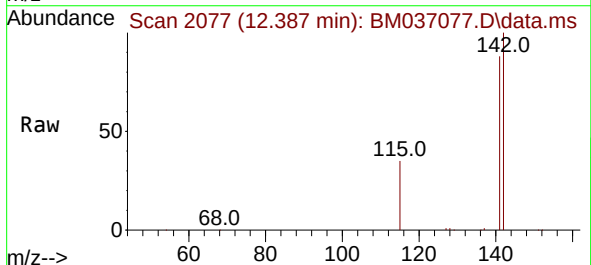
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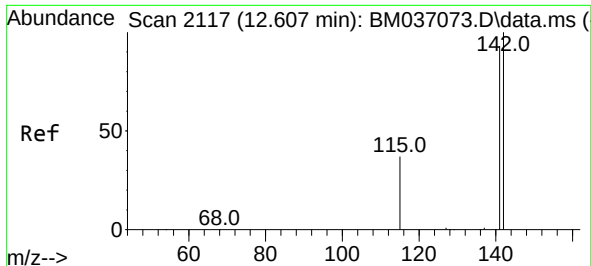
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 1.155 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

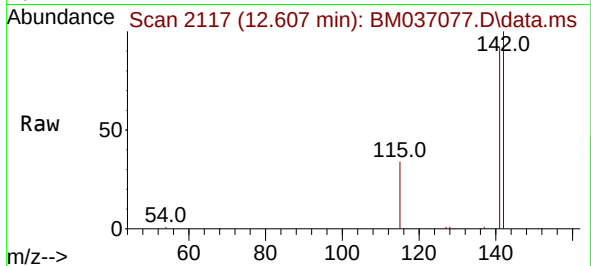
Tgt Ion:142 Resp: 49859
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.928 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

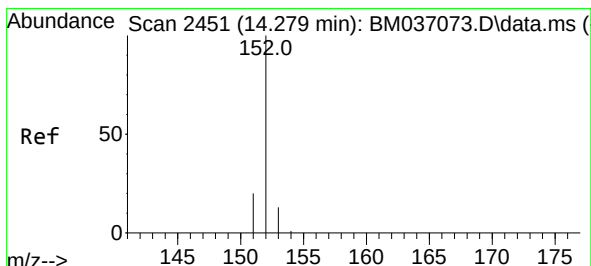
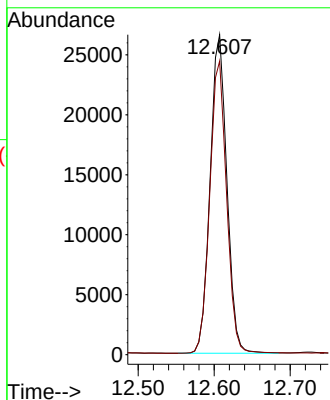
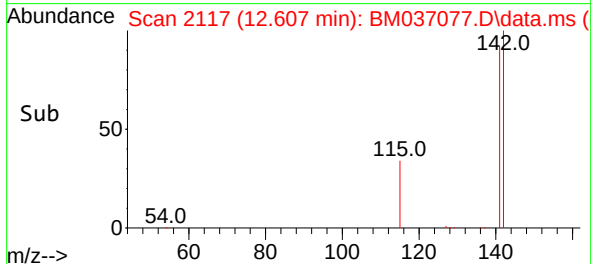
Instrument :
BNA_M
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Tgt Ion:142 Resp: 4069
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

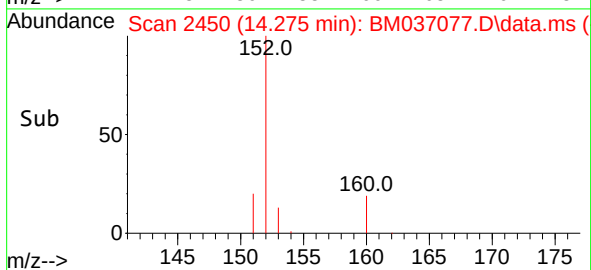
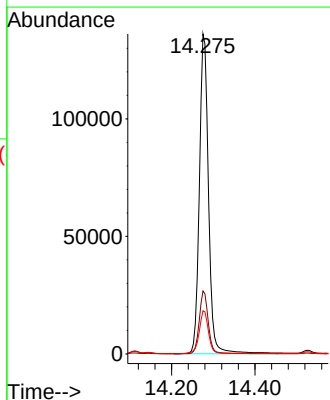
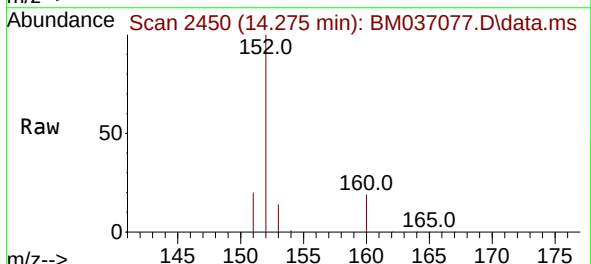
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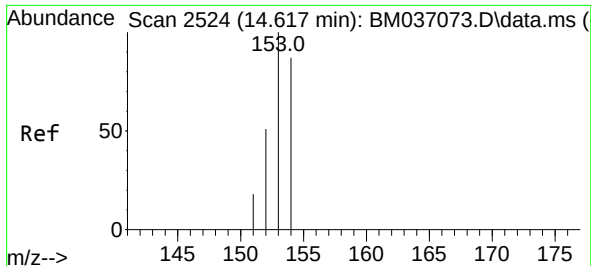
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 3.779 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

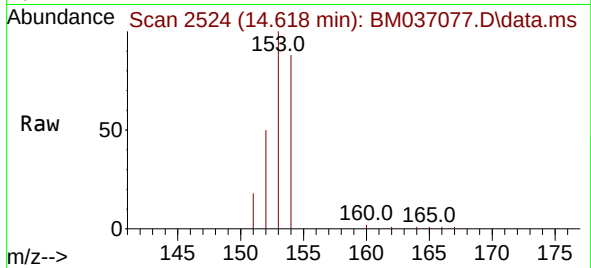
Tgt Ion:152 Resp: 207088
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.5 11.4 17.0





#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.618 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

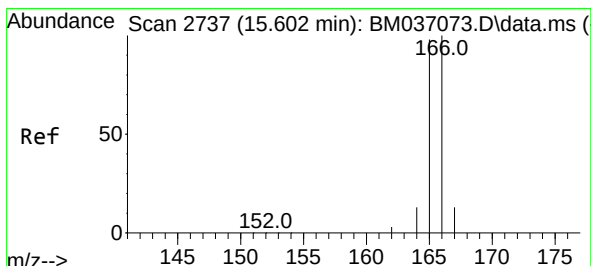
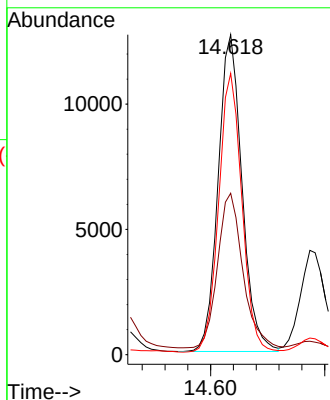
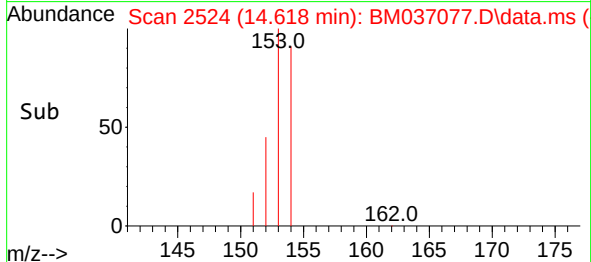
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:153 Resp: 1836
Ion Ratio Lower Upper
153 100
152 50.4 40.2 60.4
154 87.9 69.7 104.5

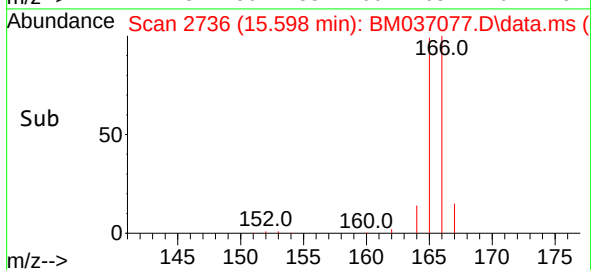
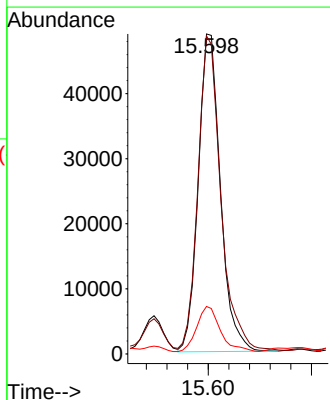
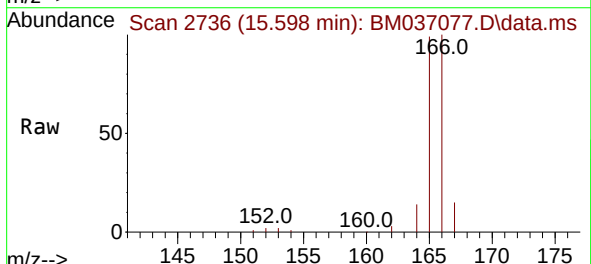
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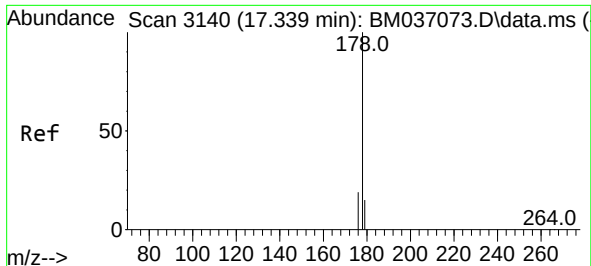
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 1.349 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

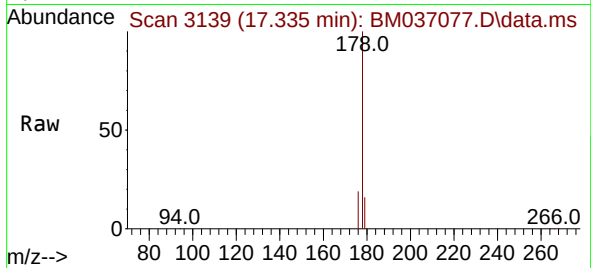
Tgt Ion:166 Resp: 72694
Ion Ratio Lower Upper
166 100
165 99.4 78.9 118.3
167 14.9 11.3 16.9





#15
Phenanthrene
Concen: 13.090 ng/ul
RT: 17.335 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

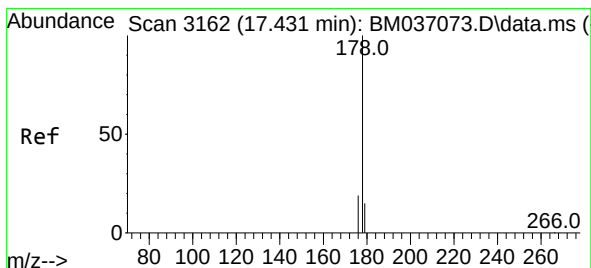
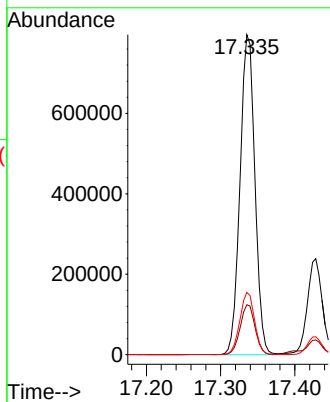
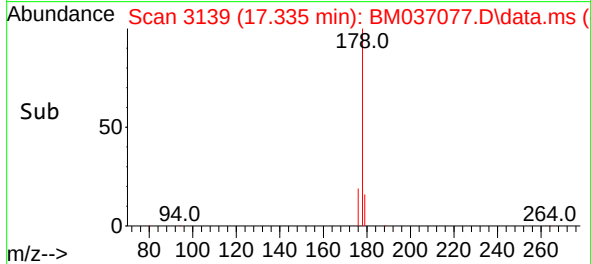
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:178 Resp: 1105779
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.5 15.6 23.4

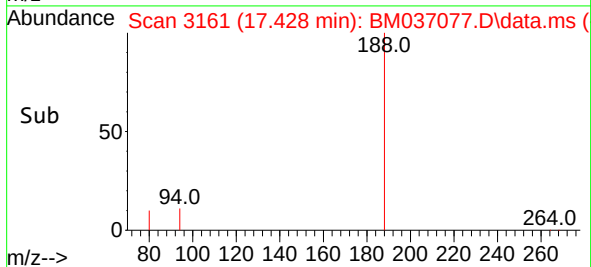
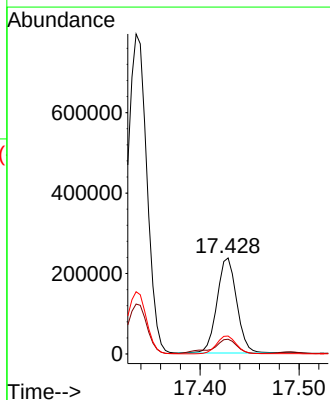
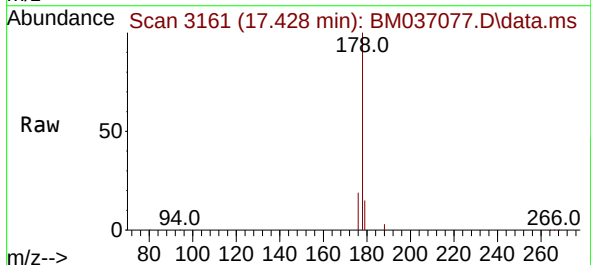
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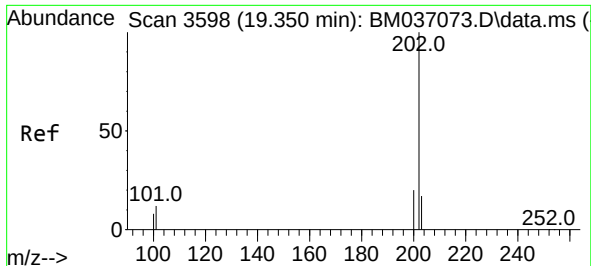
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 4.624 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

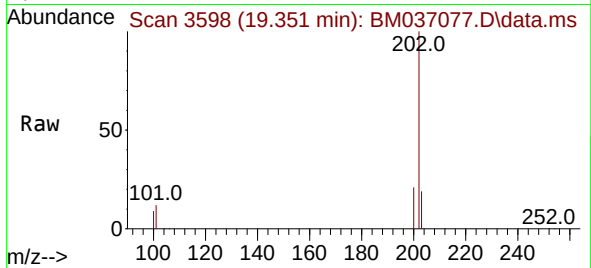
Tgt Ion:178 Resp: 326433
Ion Ratio Lower Upper
178 100
179 15.4 13.6 20.4
176 18.6 15.6 23.4





#19
Fluoranthene
Concen: 33.933 ng/u1
RT: 19.351 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

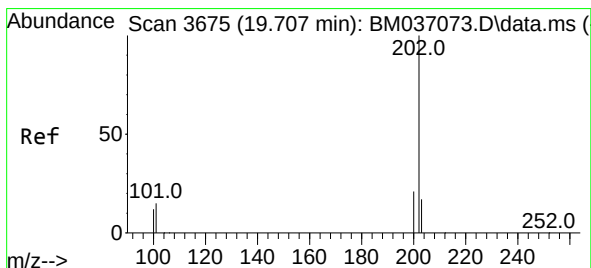
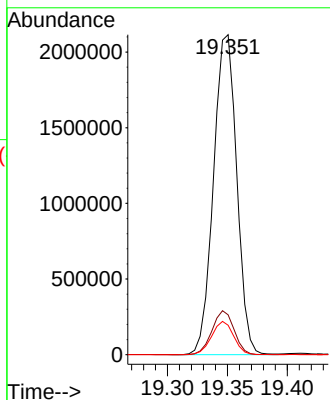
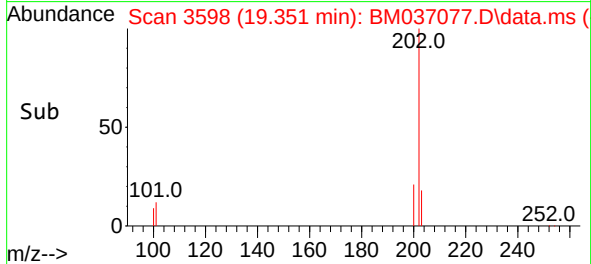
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:202 Resp: 285135
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.2 7.9 11.9

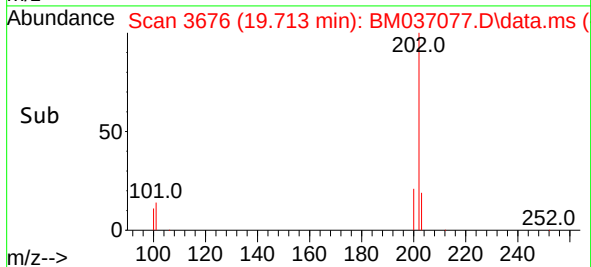
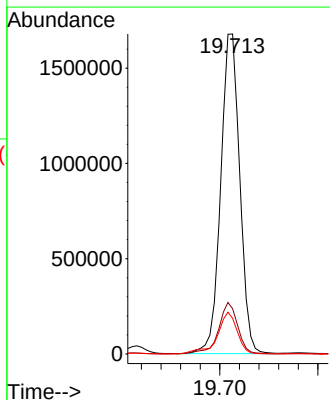
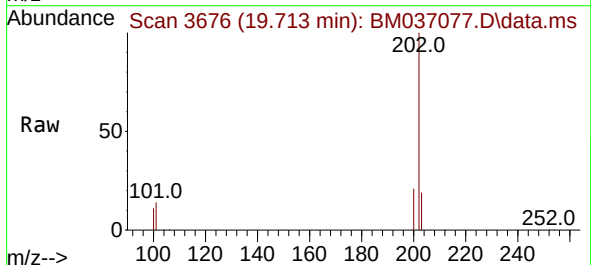
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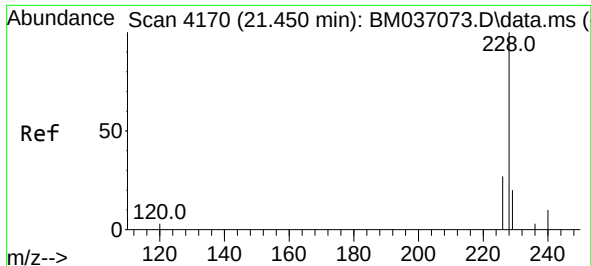
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#20
Pyrene
Concen: 25.903 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.006 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

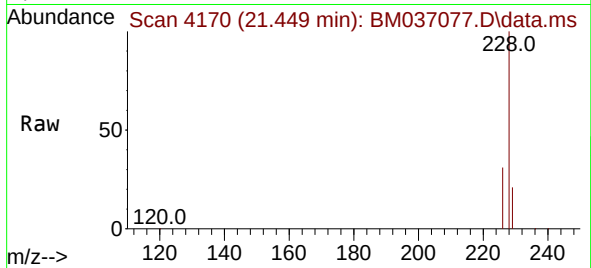
Tgt Ion:202 Resp: 2269753
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 16.580 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

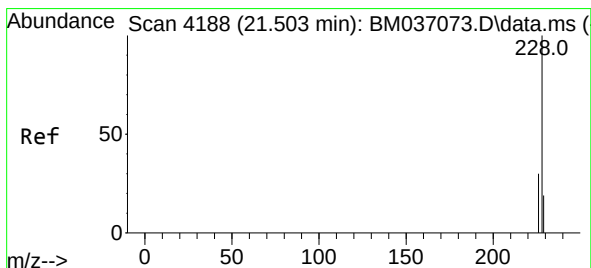
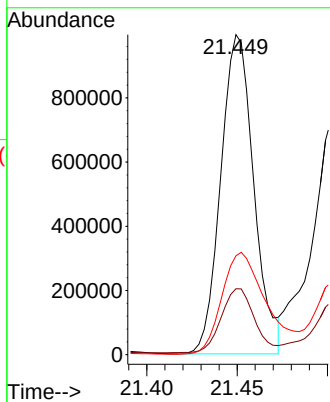
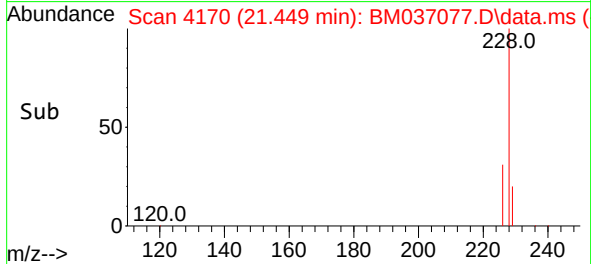
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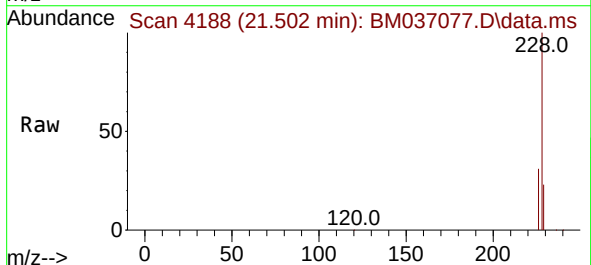
Tgt Ion:228 Resp: 126553
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 30.9 22.5 33.7

Manual Integrations
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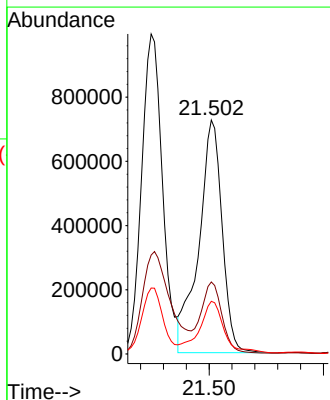
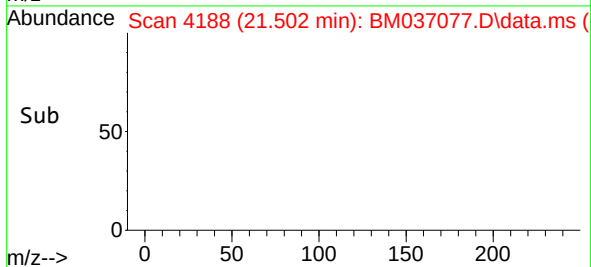
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

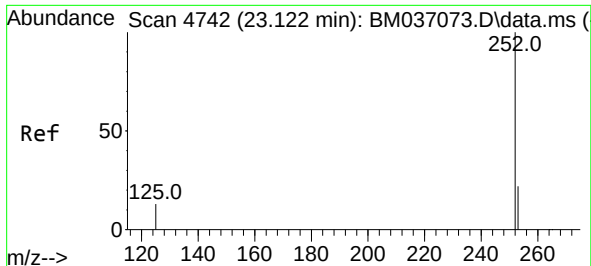


#22
Chrysene
Concen: 12.507 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42



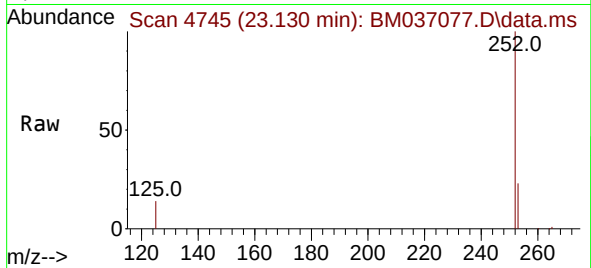
Tgt Ion:228 Resp: 1024960
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 22.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 20.270 ng/ul
RT: 23.130 min Scan# 4745
Delta R.T. 0.008 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

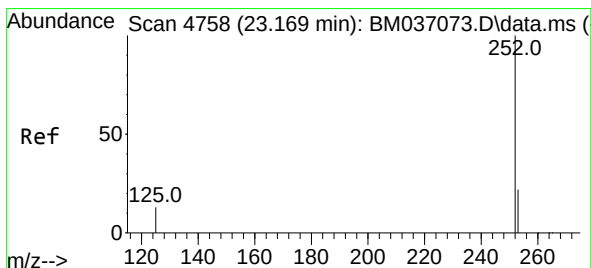
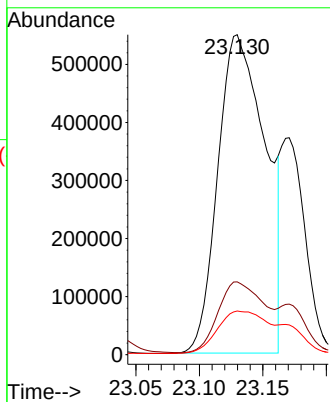
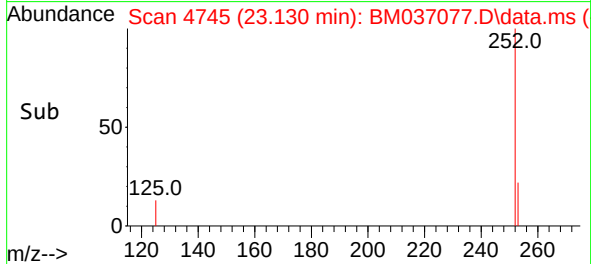
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:252 Resp: 1426768
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 13.6 0.0 42.6

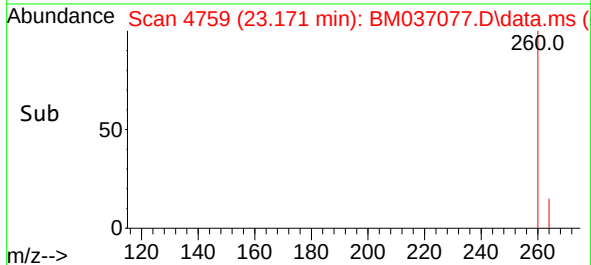
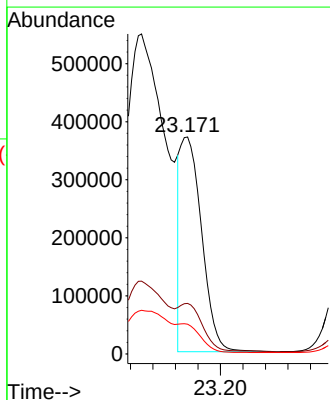
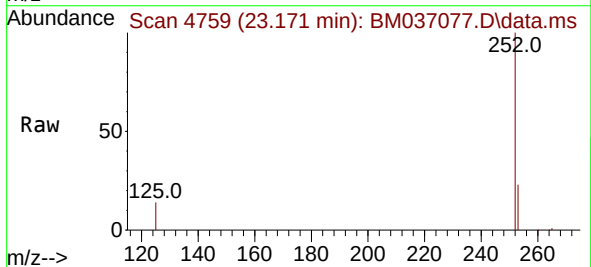
Manual Integrations
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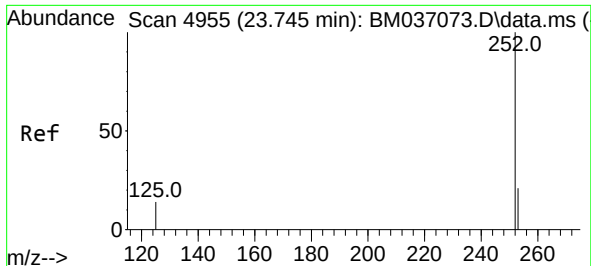
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 7.094 ng/ul m
RT: 23.171 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

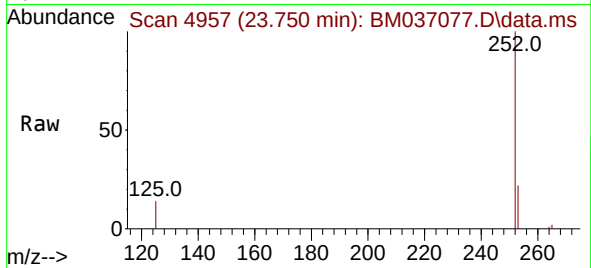
Tgt Ion:252 Resp: 486568
Ion Ratio Lower Upper
252 100
253 23.3 25.2 37.8#
125 13.7 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 14.946 ng/ul
RT: 23.750 min Scan# 4955
Delta R.T. 0.005 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

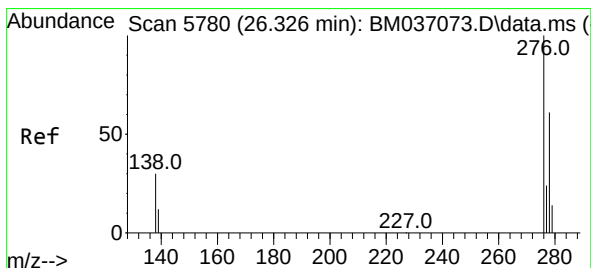
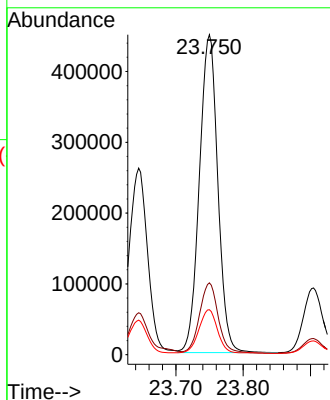
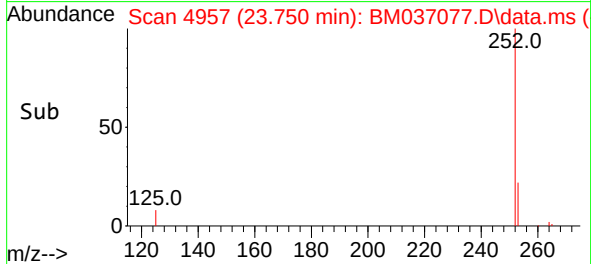
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:252 Resp: 853579
Ion Ratio Lower Upper
252 100
253 22.5 29.7 44.5
125 14.1 23.6 35.4

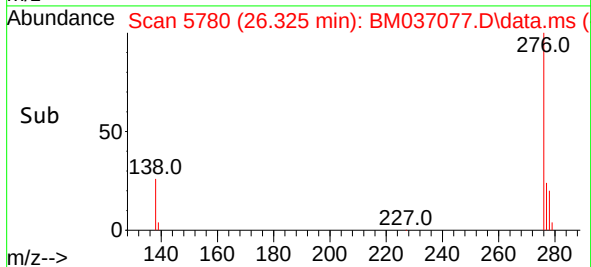
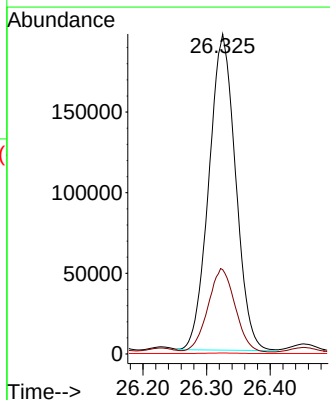
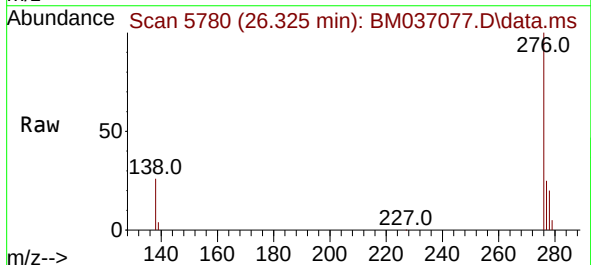
Manual Integrations
APPROVED

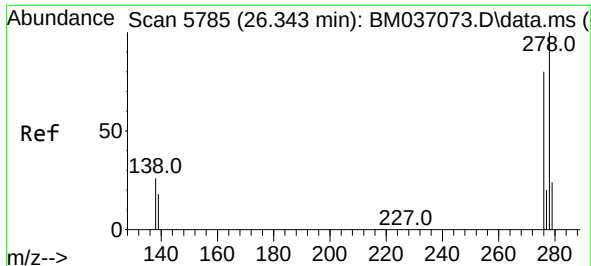
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.060 ng/ul
RT: 26.325 min Scan# 5780
Delta R.T. -0.001 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

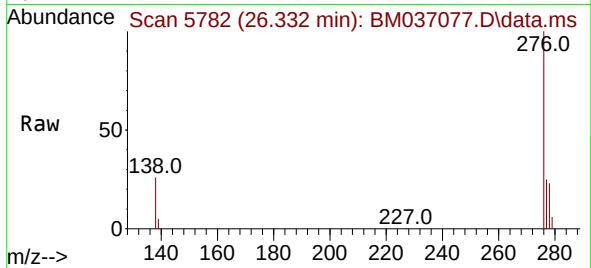
Tgt Ion:276 Resp: 571140
Ion Ratio Lower Upper
276 100
138 26.7 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.160 ng/ul m
RT: 26.332 min Scan# 5782
Delta R.T. -0.011 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

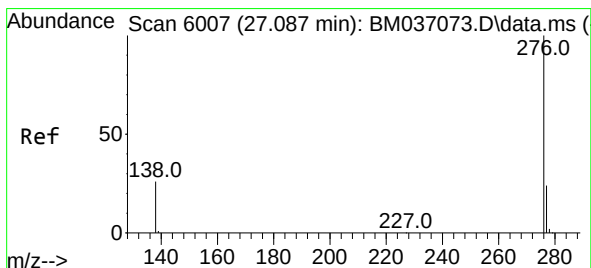
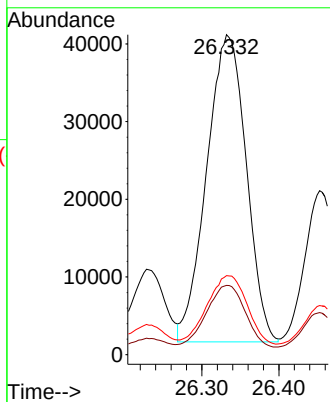
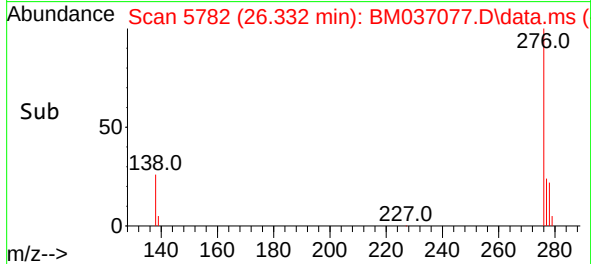
Instrument :
BNA_M
ClientSampleId :
C0BP7



Tgt Ion:278 Resp: 14120
Ion Ratio Lower Upper
278 100
139 21.7 19.8 29.6
279 24.7 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 5.504 ng/ul
RT: 27.087 min Scan# 6007
Delta R.T. -0.001 min
Lab File: BM037077.D
Acq: 15 Oct 2022 05:42

Tgt Ion:276 Resp: 392333
Ion Ratio Lower Upper
276 100
138 27.2 23.4 35.0
277 24.0 21.0 31.4

