

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037034.D
 Acq On : 14 Oct 2022 01:54
 Operator : CG/JU
 Sample : N5025-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 02:39:02 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6793	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	24951	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.567	164	13063	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	25793	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	18094	0.400	ng/ul	-0.01
23) Perylene-d12	23.866	264	13125	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	25681	2.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6124	0.163	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	11284	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	7762	0.109	ng/ul	99
7) 2-Methylnaphthalene	12.398	142	4091	0.094	ng/ul	93
8) 1-Methylnaphthalene	12.618	142	3157	0.071	ng/ul	98
10) Acenaphthylene	14.289	152	1267	0.023	ng/ul#	72
11) Acenaphthene	14.627	153	1070	0.023	ng/ul	97
12) Fluorene	15.612	166	1187	0.022	ng/ul#	96
15) Phenanthrene	17.344	178	29044	0.353	ng/ul	99
16) Anthracene	17.436	178	4764	0.069	ng/ul	96
19) Fluoranthene	19.355	202	79769	1.108	ng/ul	98
20) Pyrene	19.717	202	76857m	1.024	ng/ul	
21) Benzo(a)anthracene	21.458	228	48109	0.736	ng/ul#	89
22) Chrysene	21.508	228	80479	1.147	ng/ul#	94
24) Benzo(b)fluoranthene	23.133	252	66486	1.134	ng/ul	93
25) Benzo(k)fluoranthene	23.179	252	17944m	0.314	ng/ul	
26) Benzo(a)pyrene	23.758	252	93995	1.976	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.339	276	29519	0.438	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.335	278	15867	0.291	ng/ul#	63
29) Benzo(g,h,i)perylene	27.110	276	52368	0.882	ng/ul	99

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

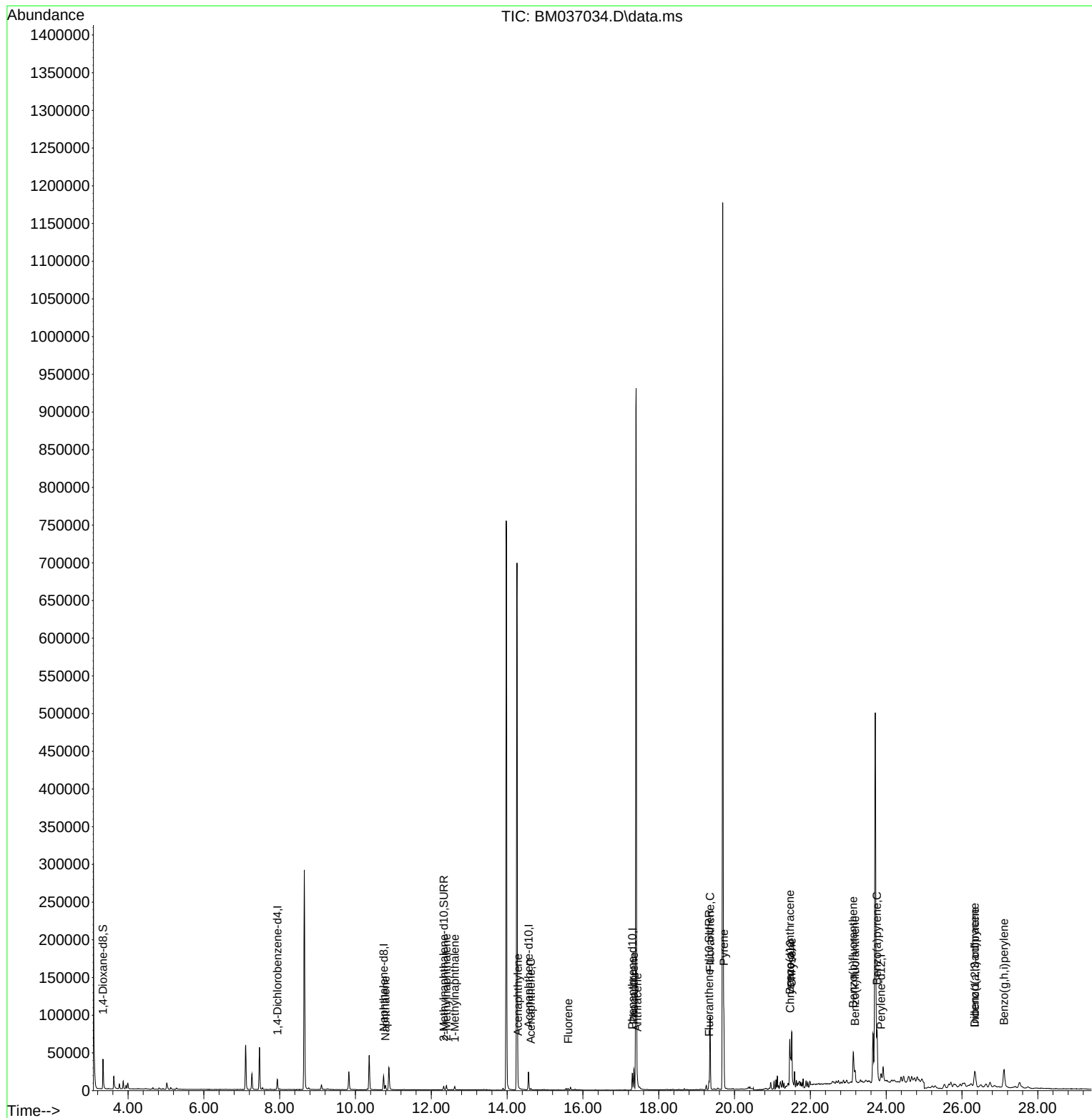
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037034.D
Acq On : 14 Oct 2022 01:54
Operator : CG/JU
Sample : N5025-01
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ALS Vial : 28 Sample Multiplier: 1

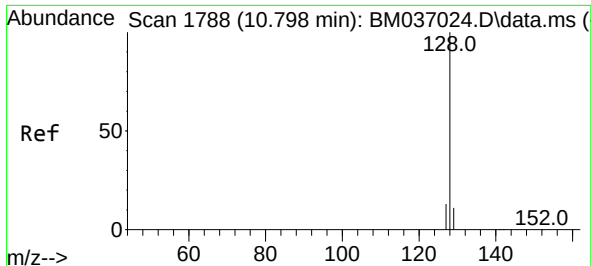
Instrument :
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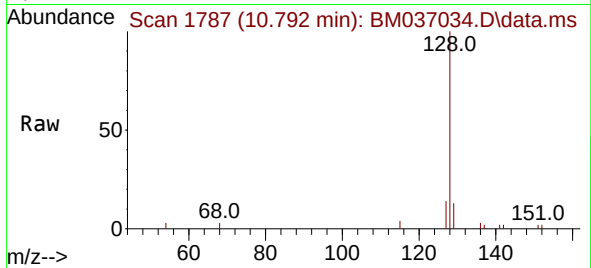
Quant Time: Oct 14 02:39:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.011 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

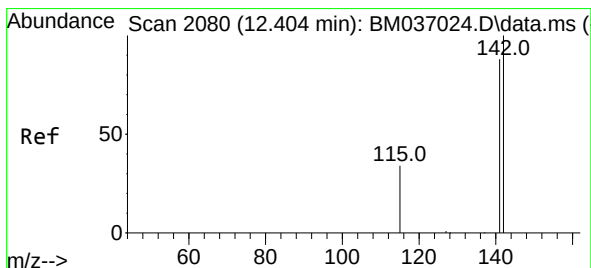
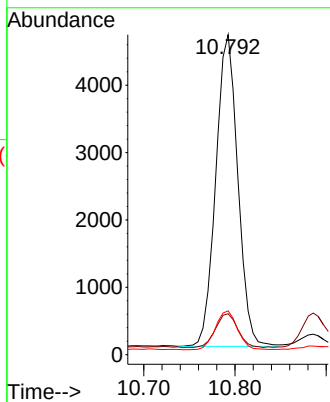
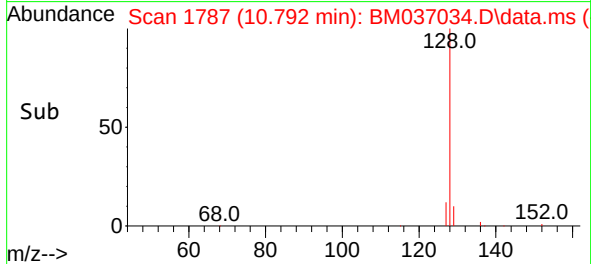
Instrument :
BNA_M
ClientSampleId :
C0BD4



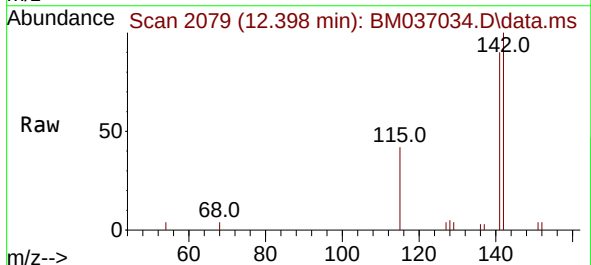
Tgt Ion:128 Resp: 7762
Ion Ratio Lower Upper
128 100
129 12.8 10.2 15.2
127 13.7 11.7 17.5

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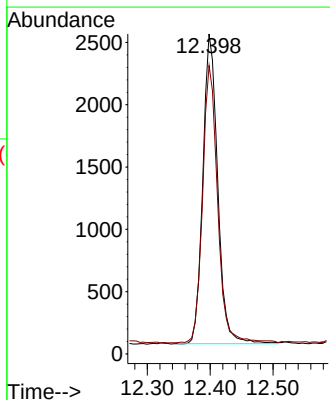
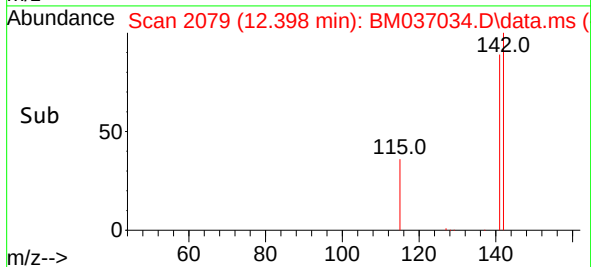
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

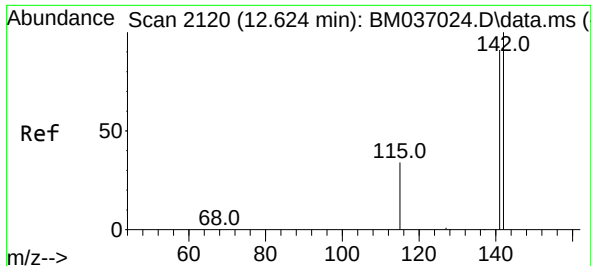


#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.017 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54



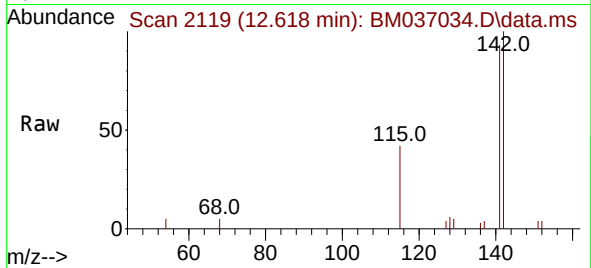
Tgt Ion:142 Resp: 4091
Ion Ratio Lower Upper
142 100
141 90.1 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

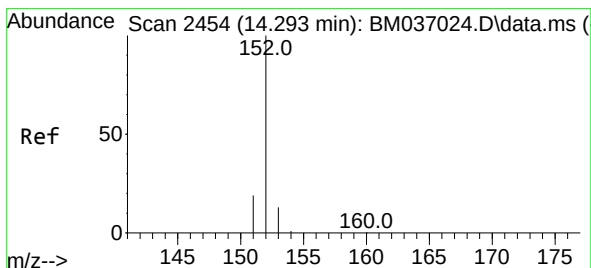
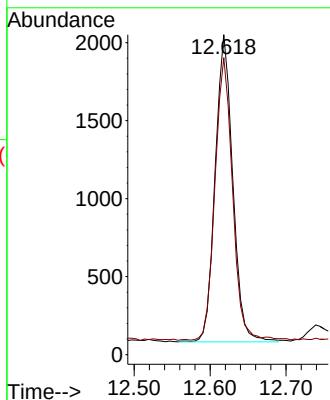
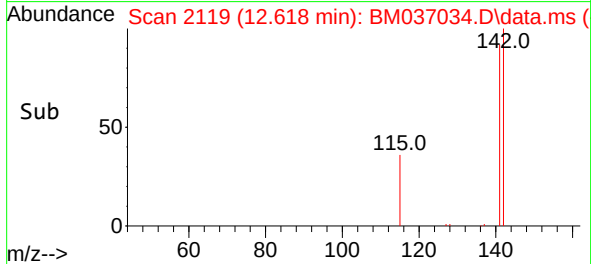
Instrument :
BNA_M
ClientSampleId :
C0BD4



Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
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141 90.9 74.1 111.1

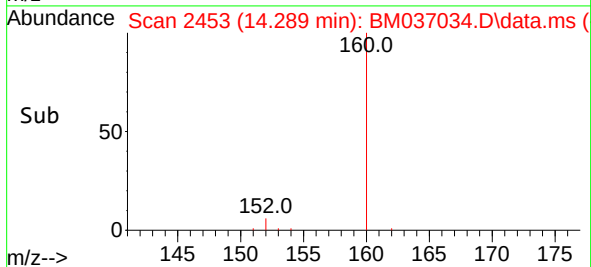
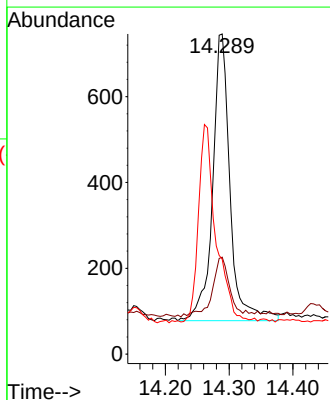
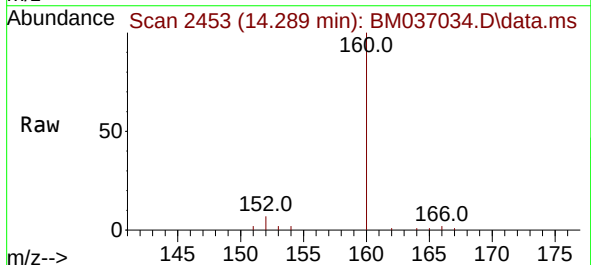
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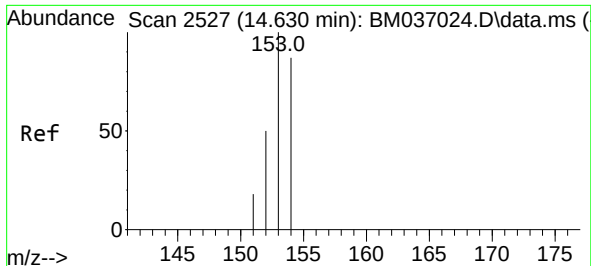
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

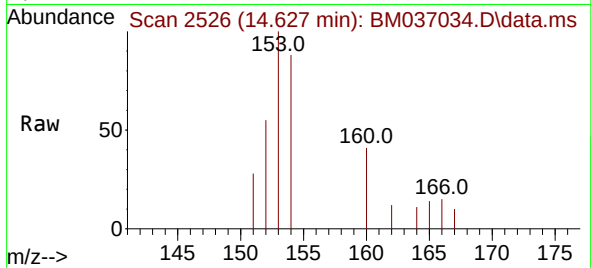
Tgt Ion:152 Resp: 1267
Ion Ratio Lower Upper
152 100
151 30.3 16.6 24.8#
153 29.6 11.4 17.0#





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.627 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

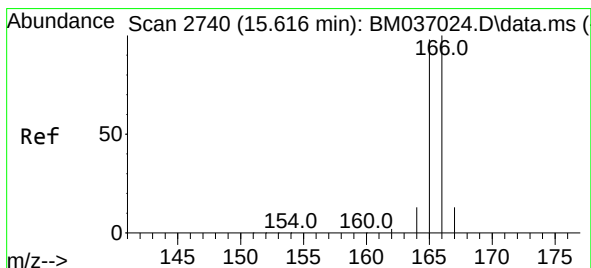
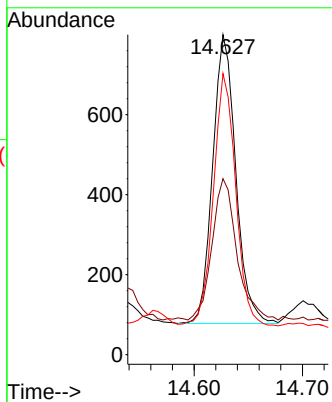
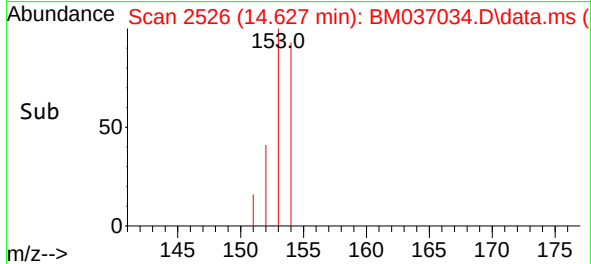
Instrument :
BNA_M
ClientSampleId :
C0BD4



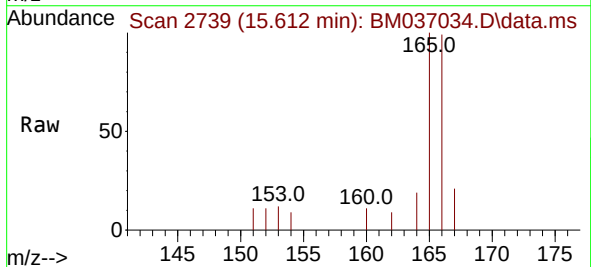
Tgt Ion:153 Resp: 1070
Ion Ratio Lower Upper
153 100
152 55.0 40.2 60.4
154 87.9 69.7 104.5

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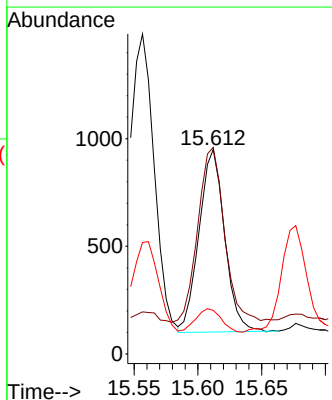
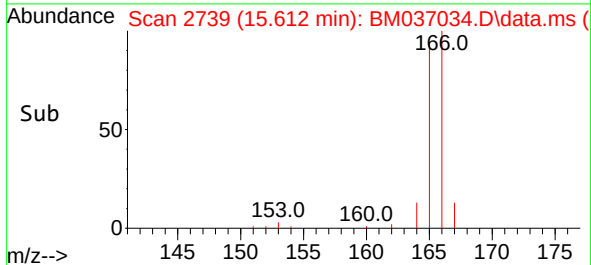
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

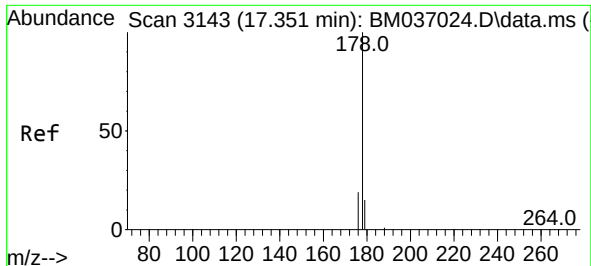


#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.612 min Scan# 2739
Delta R.T. -0.008 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54



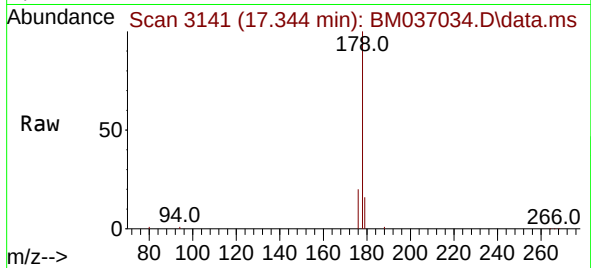
Tgt Ion:166 Resp: 1187
Ion Ratio Lower Upper
166 100
165 101.1 78.9 118.3
167 21.3 11.3 16.9#





#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

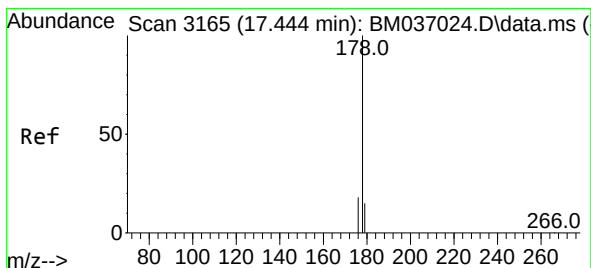
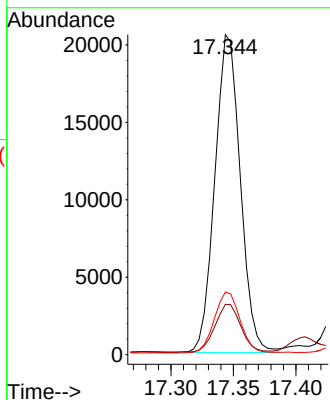
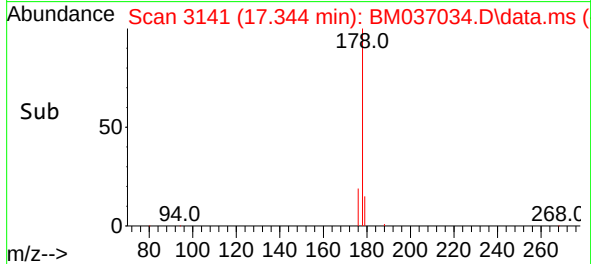
Instrument :
BNA_M
ClientSampleId :
C0BD4



Tgt Ion:178 Resp: 2904
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.6 15.6 23.4

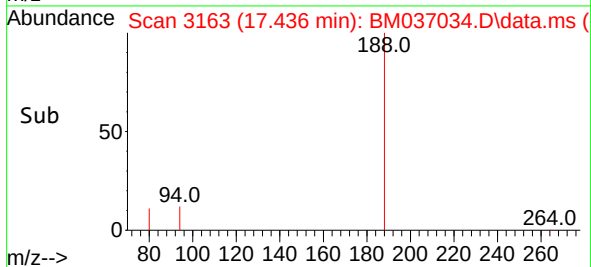
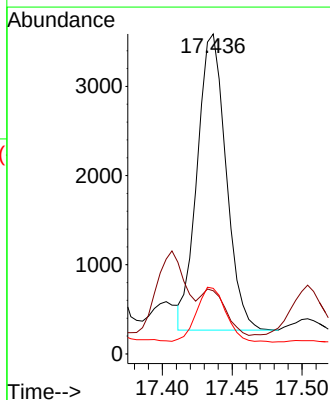
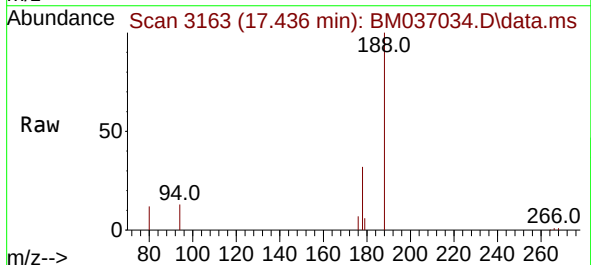
Manual Integrations
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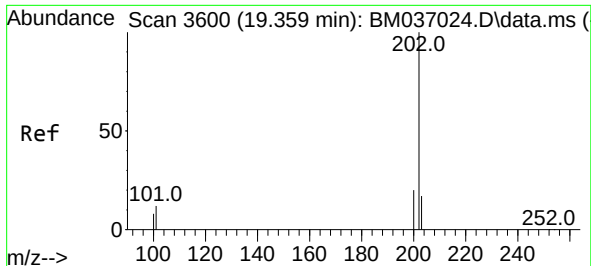
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 0.069 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

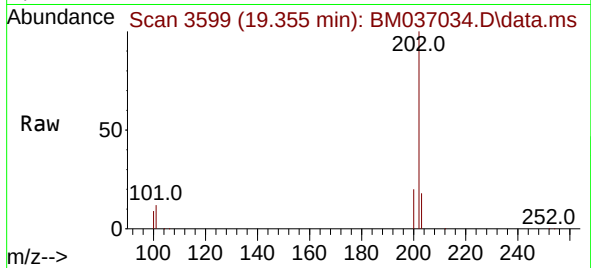
Tgt Ion:178 Resp: 4764
Ion Ratio Lower Upper
178 100
179 19.8 13.6 20.4
176 20.5 15.6 23.4





#19
Fluoranthene
Concen: 1.108 ng/ul
RT: 19.355 min Scan# 3599
Delta R.T. -0.008 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

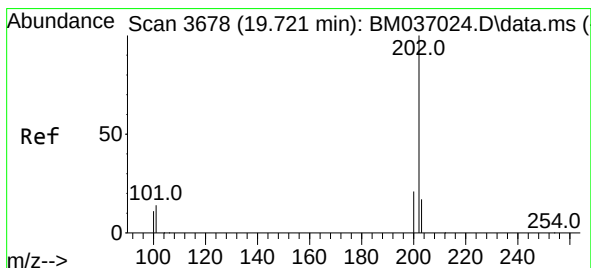
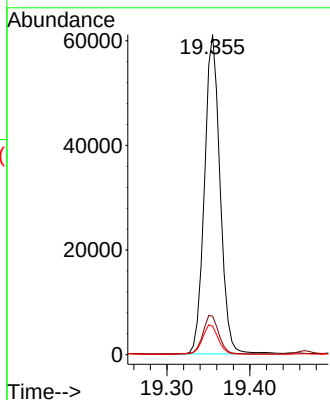
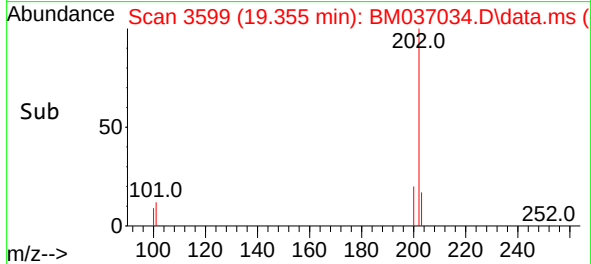
Instrument :
BNA_M
ClientSampleId :
C0BD4



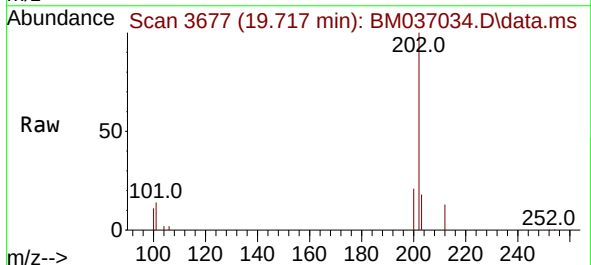
Tgt Ion:202 Resp: 79769
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 8.9 7.9 11.9

Manual Integrations
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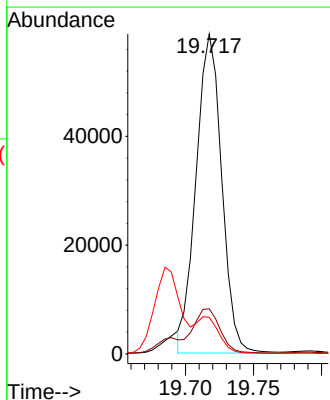
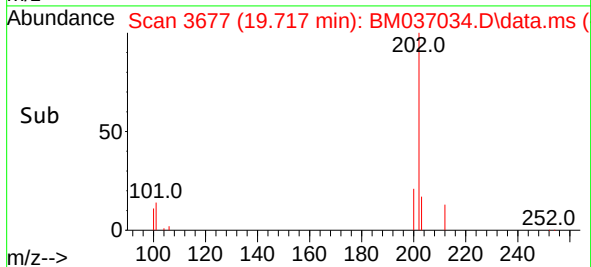
Reviewed By :Jagrut Upadhyay 10/14/2022
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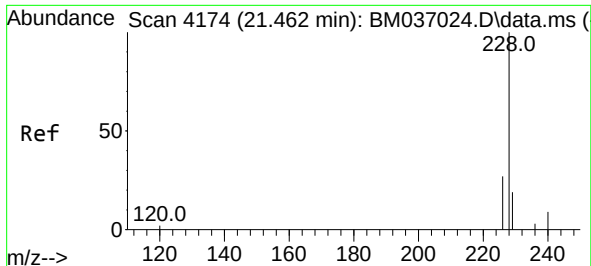


#20
Pyrene
Concen: 1.024 ng/ul m
RT: 19.717 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54



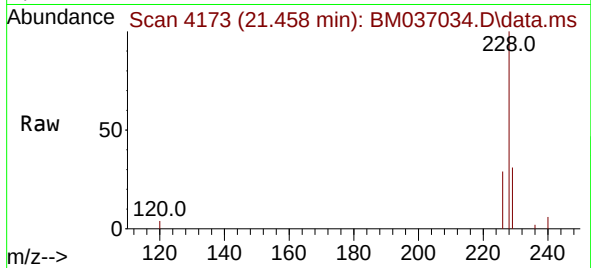
Tgt Ion:202 Resp: 76857
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.736 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.010 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

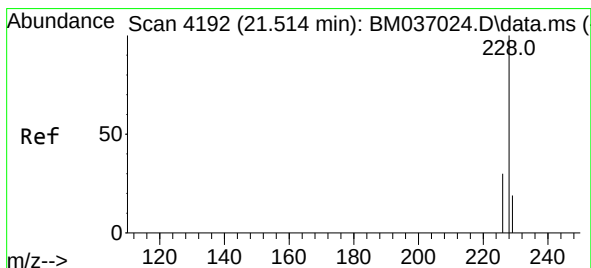
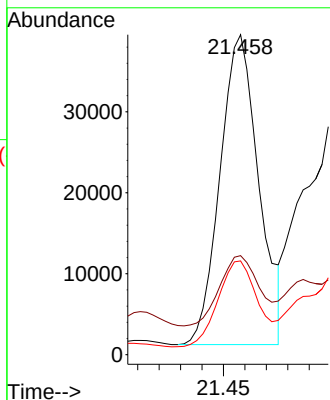
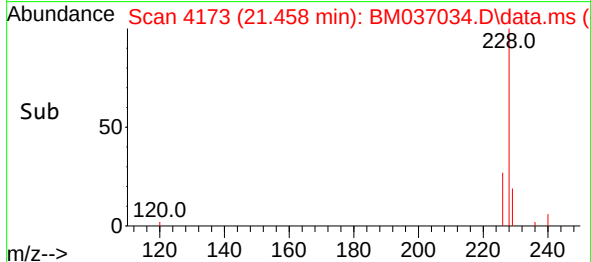
Instrument :
BNA_M
ClientSampleId :
C0BD4



Tgt Ion:228 Resp: 48109
Ion Ratio Lower Upper
228 100
229 30.9 16.2 24.2
226 29.3 22.5 33.7

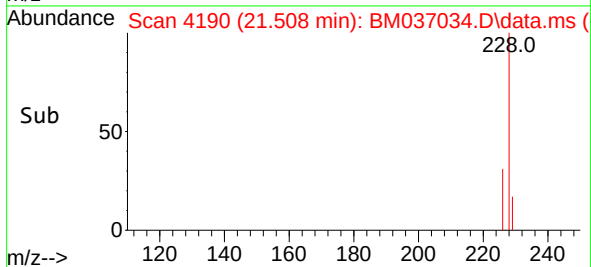
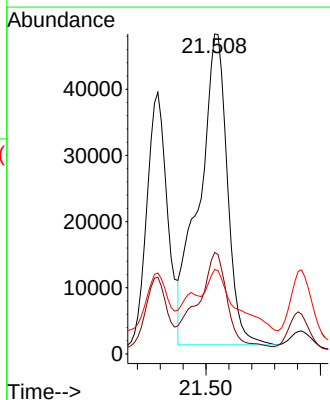
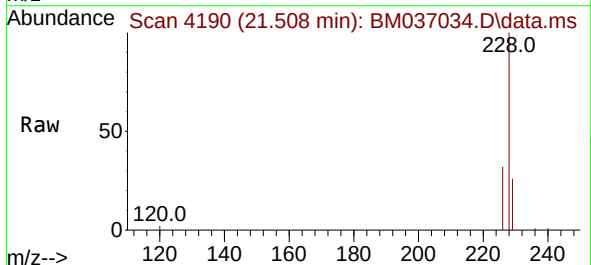
Manual Integrations
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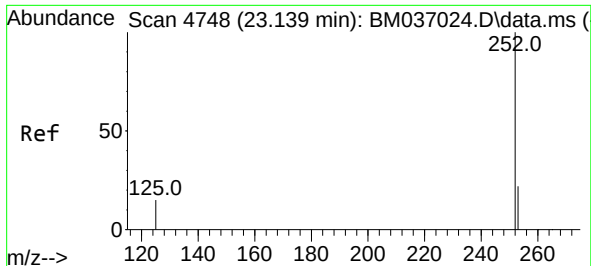
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#22
Chrysene
Concen: 1.147 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.013 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

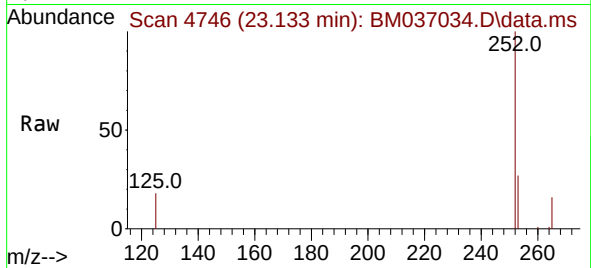
Tgt Ion:228 Resp: 80479
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 26.4 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 1.134 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.013 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

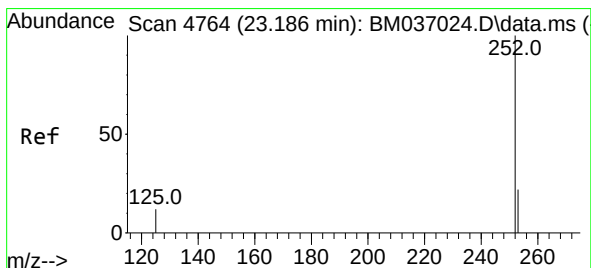
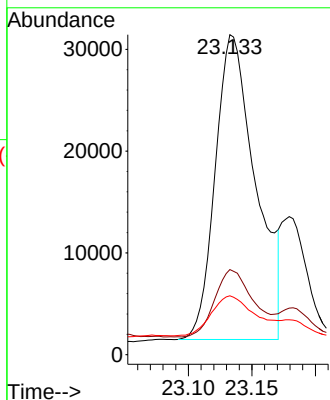
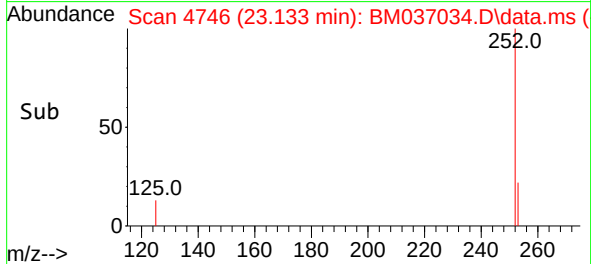
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 66480
Ion Ratio Lower Upper
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125 18.4 0.0 42.6

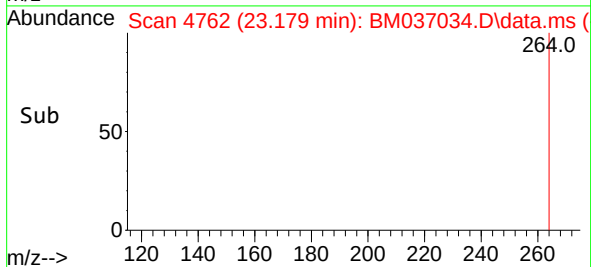
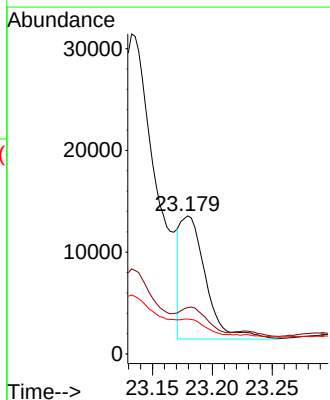
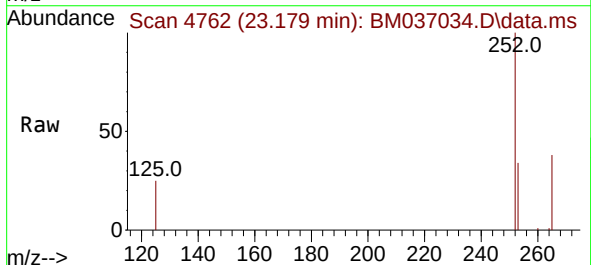
Manual Integrations
APPROVED

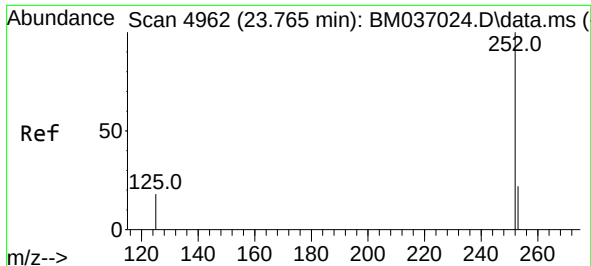
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 0.314 ng/ul m
RT: 23.179 min Scan# 4762
Delta R.T. -0.015 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

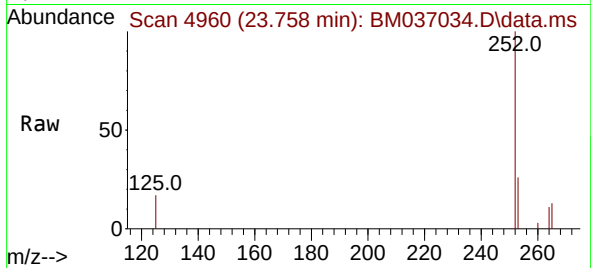
Tgt Ion:252 Resp: 17944
Ion Ratio Lower Upper
252 100
253 33.8 25.2 37.8
125 25.2 18.3 27.5





#26
Benzo(a)pyrene
Concen: 1.976 ng/ul
RT: 23.758 min Scan# 4962
Delta R.T. -0.013 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

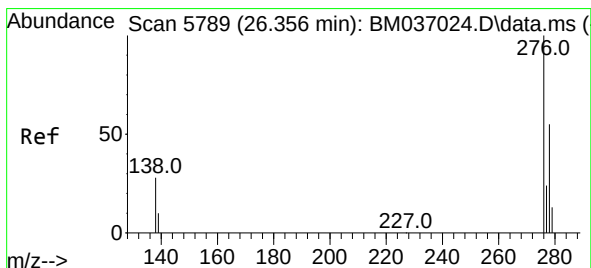
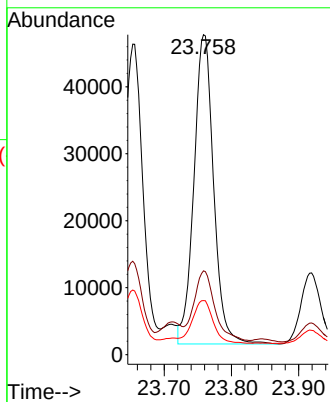
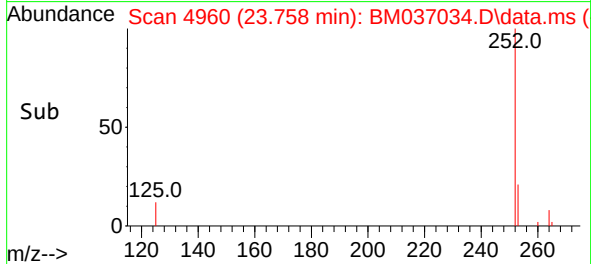
Instrument :
BNA_M
ClientSampleId :
C0BD4



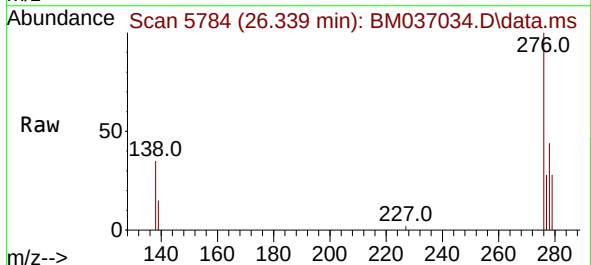
Tgt Ion:252 Resp: 9399
Ion Ratio Lower Upper
252 100
253 26.2 29.7 44.5
125 16.9 23.6 35.4

Manual Integrations
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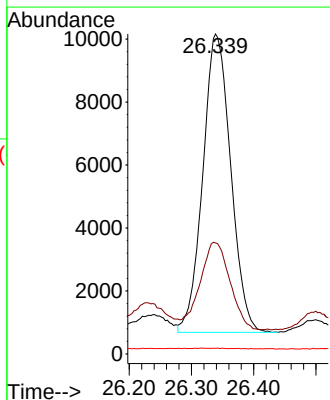
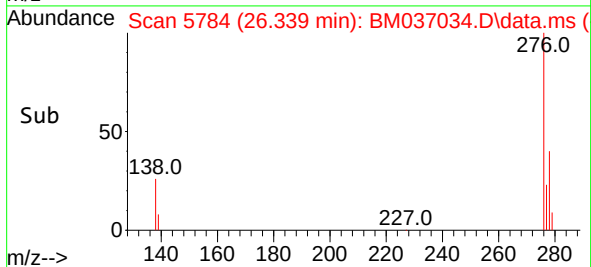
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

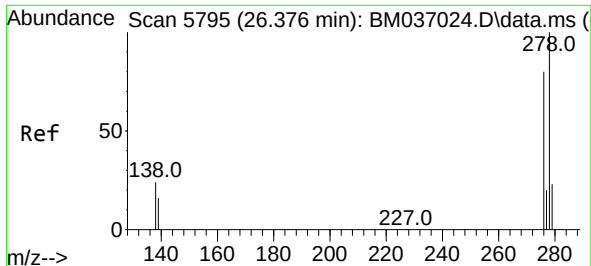


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.024 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54



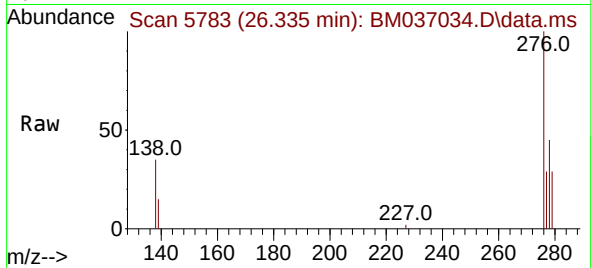
Tgt Ion:276 Resp: 29519
Ion Ratio Lower Upper
276 100
138 31.5 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.291 ng/ul
RT: 26.335 min Scan# 5795
Delta R.T. -0.044 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

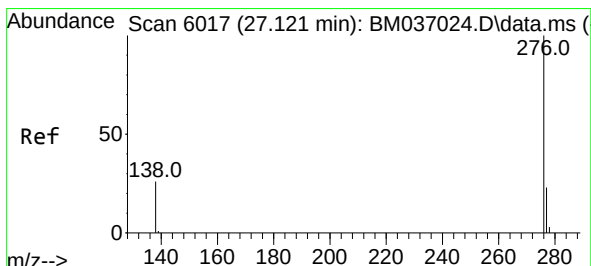
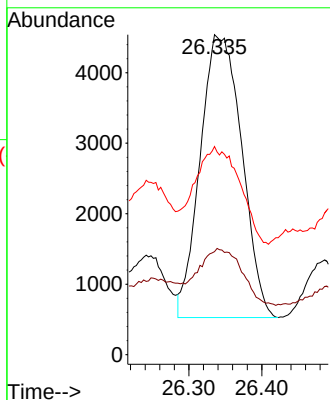
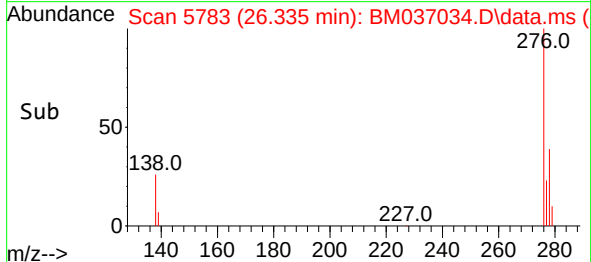
Instrument :
BNA_M
ClientSampleId :
C0BD4



Tgt Ion:278 Resp: 1586
Ion Ratio Lower Upper
278 100
139 32.2 19.8 29.6
279 65.1 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 0.882 ng/ul
RT: 27.110 min Scan# 6014
Delta R.T. -0.018 min
Lab File: BM037034.D
Acq: 14 Oct 2022 01:54

Tgt Ion:276 Resp: 52368
Ion Ratio Lower Upper
276 100
138 29.7 23.4 35.0
277 26.4 21.0 31.4

