

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037225.D
 Acq On : 25 Oct 2022 13:08
 Operator : CG/JU
 Sample : N5144-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 31 00:54:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	3272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	10488	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	6452	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	13364	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	11515	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	8706	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	19866	4.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	5240	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	13335	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.748	128	36264	1.167	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	27846	1.497	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	22038	1.161	ng/ul	99
10) Acenaphthylene	14.251	152	11356	0.410	ng/ul#	93
11) Acenaphthene	14.594	153	2693	0.108	ng/ul	100
12) Fluorene	15.574	166	5009	0.171	ng/ul#	96
15) Phenanthrene	17.309	178	111862	2.480	ng/ul	99
16) Anthracene	17.402	178	19067	0.534	ng/ul	99
19) Fluoranthene	19.322	202	217134	4.341	ng/ul	97
20) Pyrene	19.689	202	171531m	3.382	ng/ul	
21) Benzo(a)anthracene	21.430	228	97356	2.179	ng/ul	98
22) Chrysene	21.482	228	100322	1.951	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	109282	2.370	ng/ul	95
25) Benzo(k)fluoranthene	23.139	252	34768m	0.780	ng/ul	
26) Benzo(a)pyrene	23.710	252	61548	1.662	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.269	276	39328	0.760	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.283	278	10672	0.261	ng/ul#	91
29) Benzo(g,h,i)perylene	27.024	276	30978	0.681	ng/ul	98

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

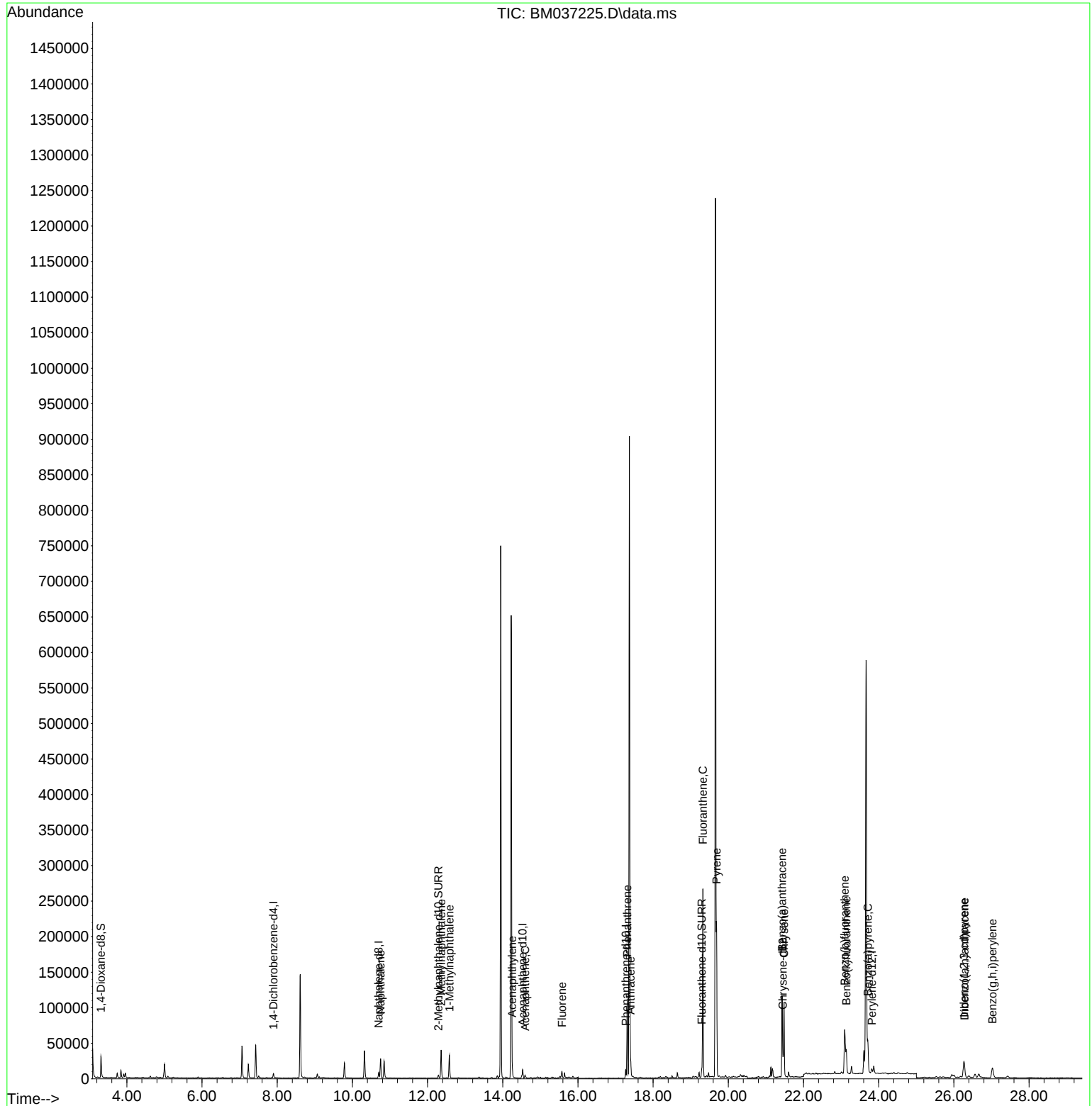
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037225.D
Acq On : 25 Oct 2022 13:08
Operator : CG/JU
Sample : N5144-03
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ALS Vial : 7 Sample Multiplier: 1

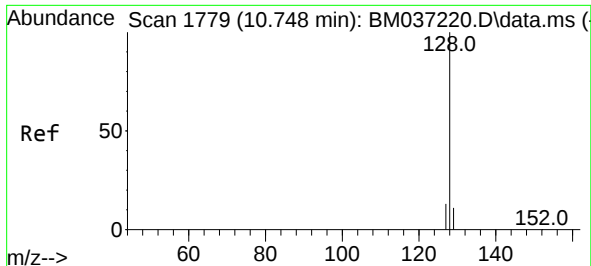
Instrument :
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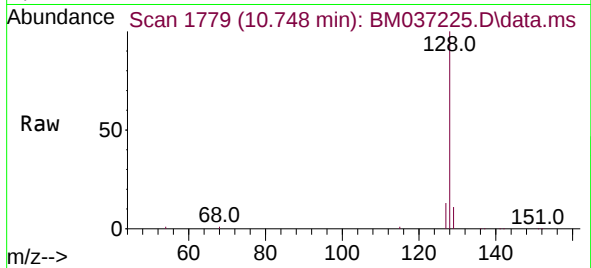
Quant Time: Oct 31 00:54:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.167 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

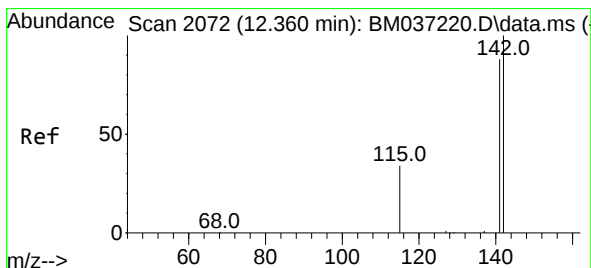
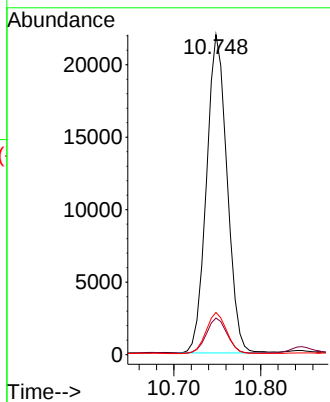
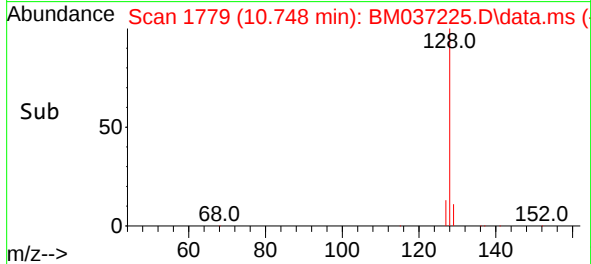
Instrument :
BNA_M
ClientSampleId :
C0BK9



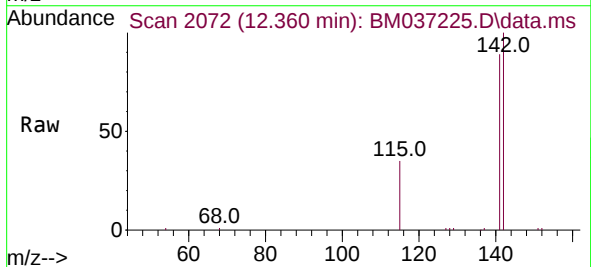
Tgt Ion:128 Resp: 36264
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 10.5 15.7

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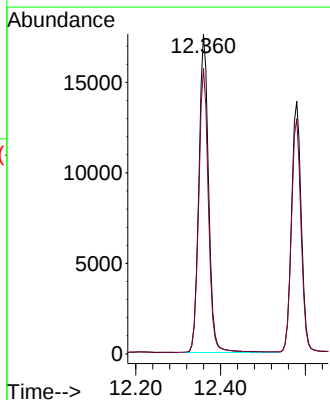
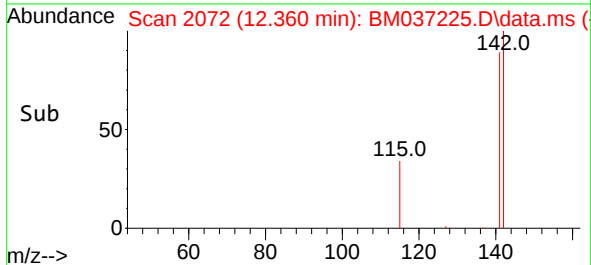
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

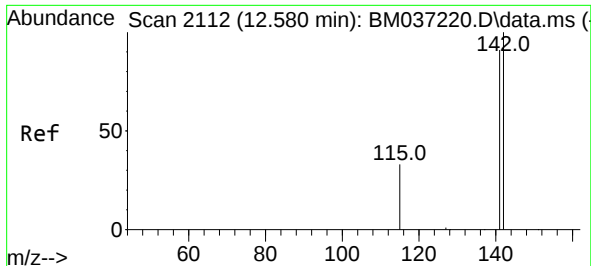


#7
2-Methylnaphthalene
Concen: 1.497 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08



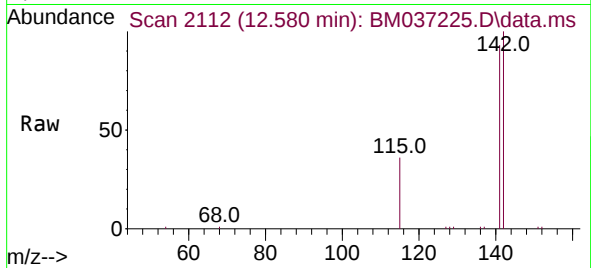
Tgt Ion:142 Resp: 27846
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8
1-Methylnaphthalene
Concen: 1.161 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

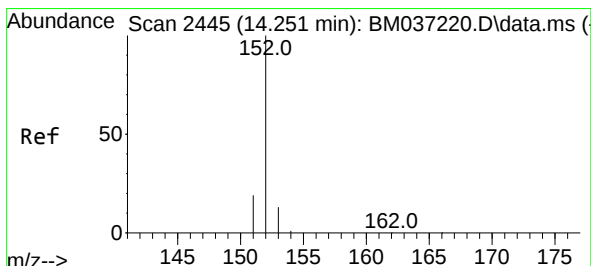
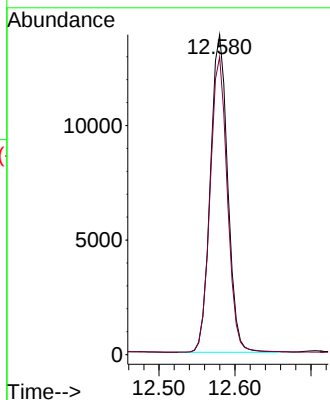
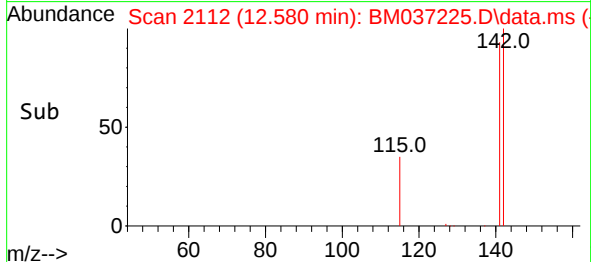
Instrument :
BNA_M
ClientSampleId :
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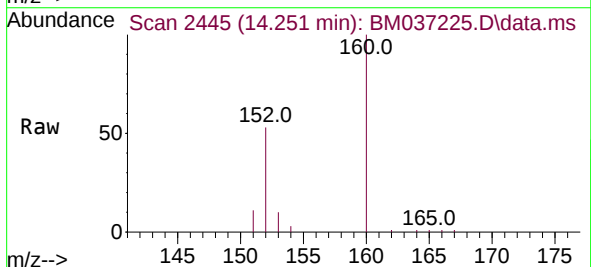
Tgt Ion:142 Resp: 22038
Ion Ratio Lower Upper
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141 92.2 74.2 111.4

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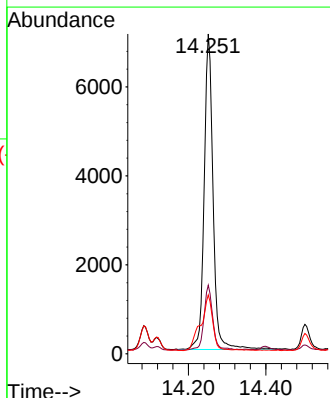
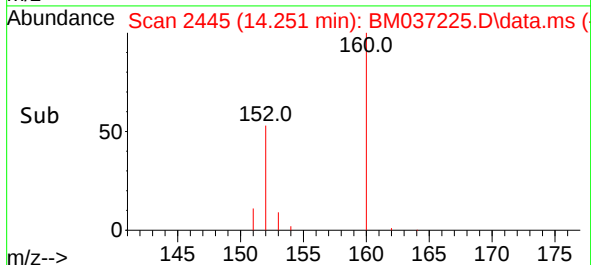
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

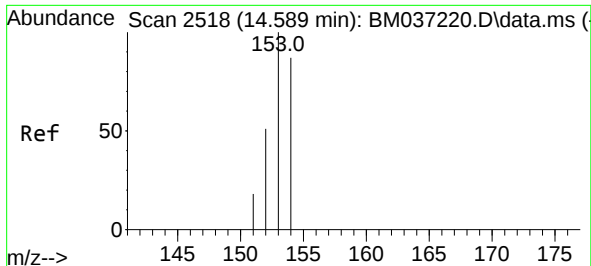


#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08



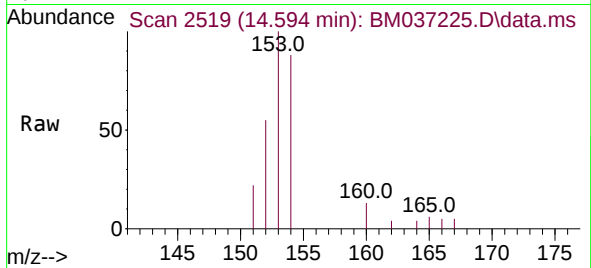
Tgt Ion:152 Resp: 11356
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 18.4 10.8 16.2#





#11
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

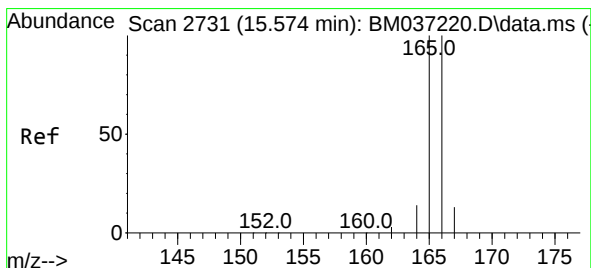
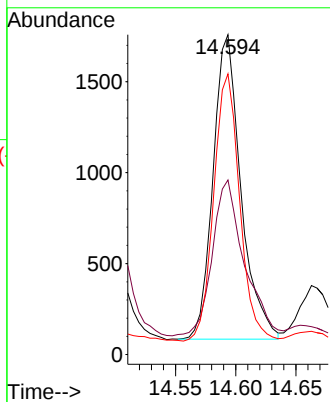
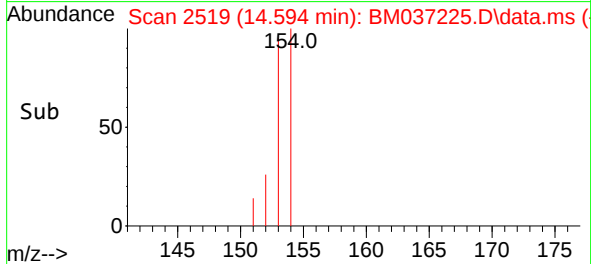
Instrument :
BNA_M
ClientSampleId :
C0BK9



Tgt Ion:153 Resp: 2693
Ion Ratio Lower Upper
153 100
152 54.6 43.3 64.9
154 87.7 70.0 105.0

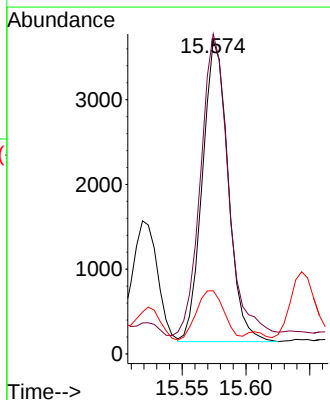
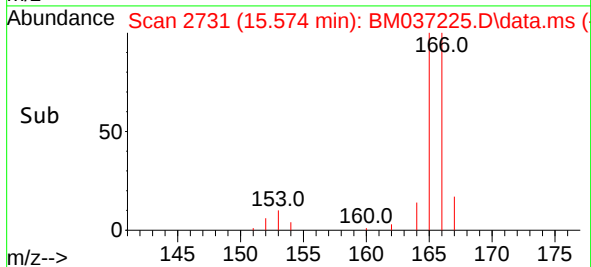
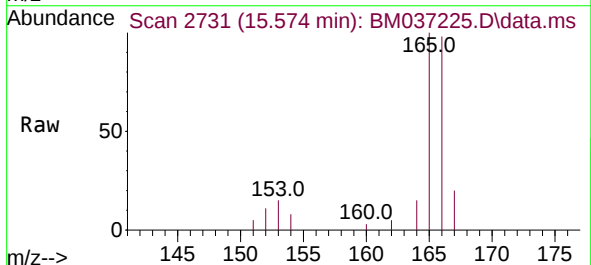
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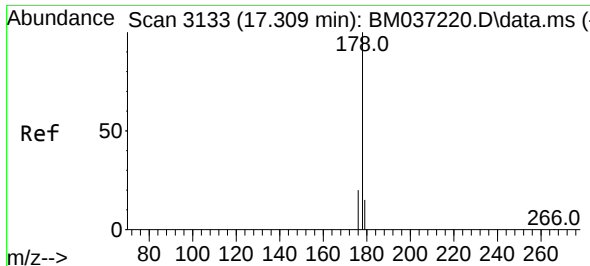
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

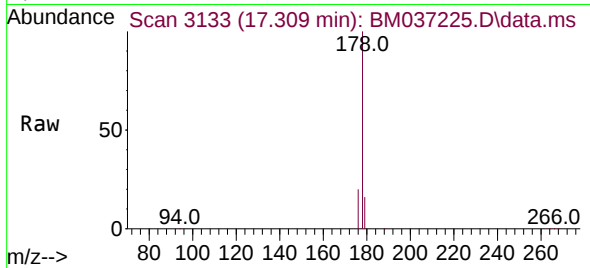
Tgt Ion:166 Resp: 5009
Ion Ratio Lower Upper
166 100
165 102.1 79.4 119.2
167 20.1 11.3 16.9#





#15
Phenanthrene
Concen: 2.480 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

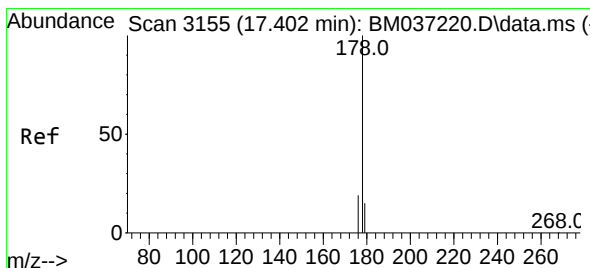
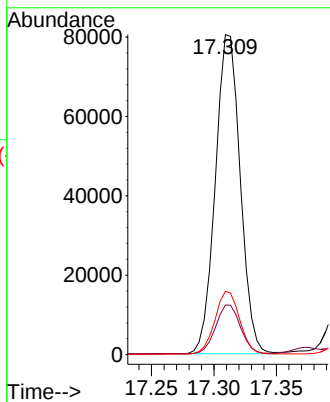
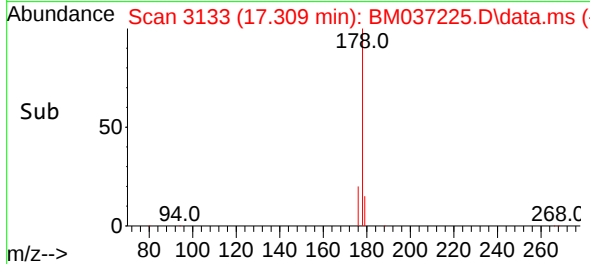
Instrument :
BNA_M
ClientSampleId :
C0BK9



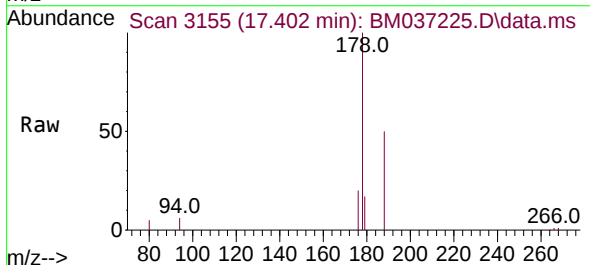
Tgt Ion:178 Resp: 111862
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.8 16.1 24.1

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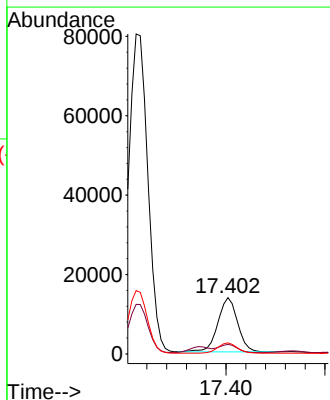
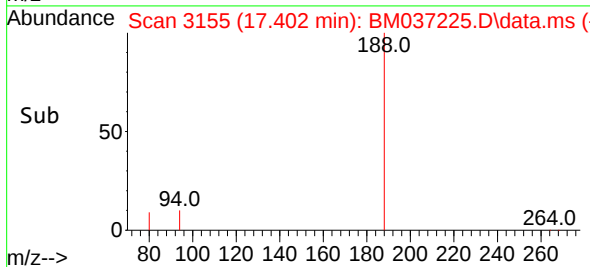
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

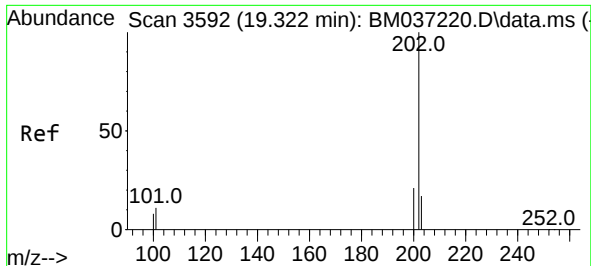


#16
Anthracene
Concen: 0.534 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08



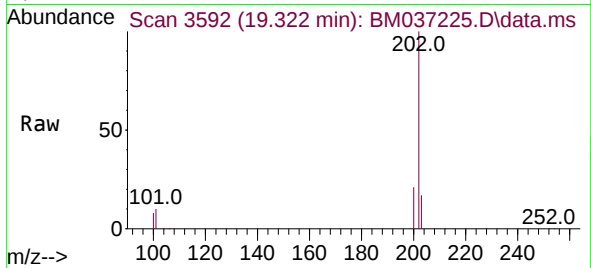
Tgt Ion:178 Resp: 19067
Ion Ratio Lower Upper
178 100
179 16.9 13.1 19.7
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 4.341 ng/ul
RT: 19.322 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

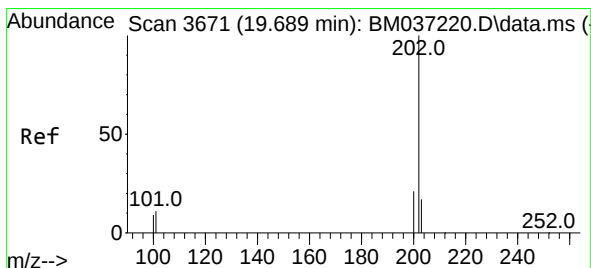
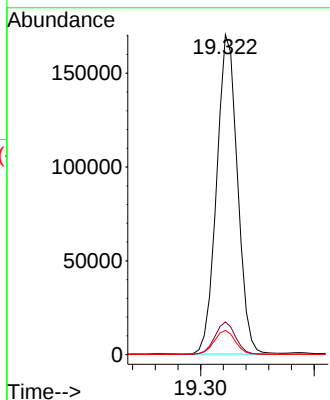
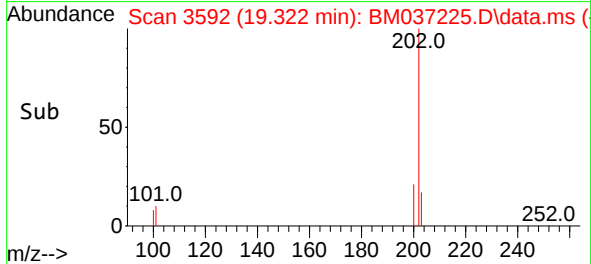
Instrument :
BNA_M
ClientSampleId :
C0BK9



Tgt Ion:202 Resp: 217134
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 7.6 6.9 10.3

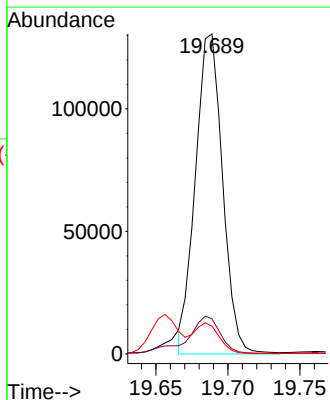
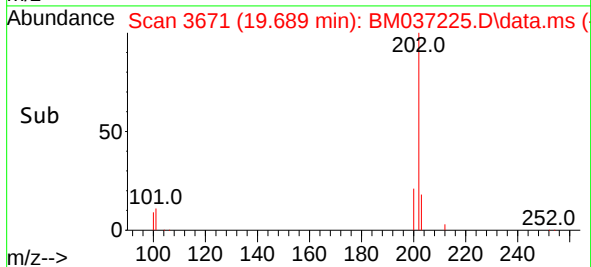
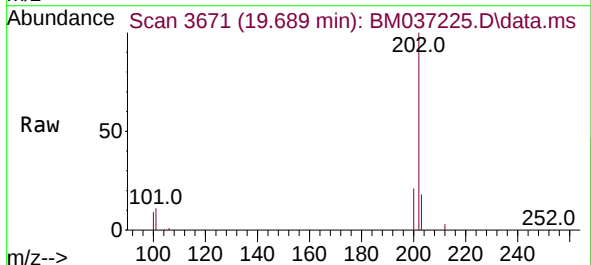
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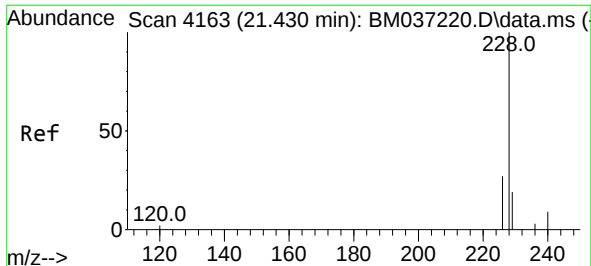
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#20
Pyrene
Concen: 3.382 ng/ul m
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

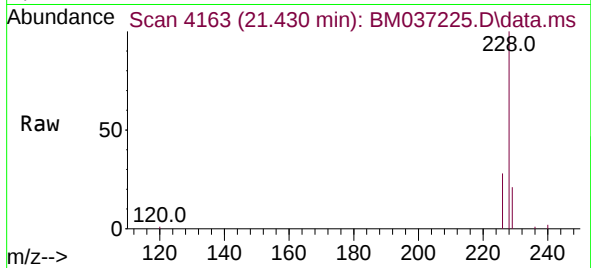
Tgt Ion:202 Resp: 171531
Ion Ratio Lower Upper
202 100
101 11.0 9.7 14.5
100 8.7 7.8 11.8





#21
Benzo(a)anthracene
Concen: 2.179 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

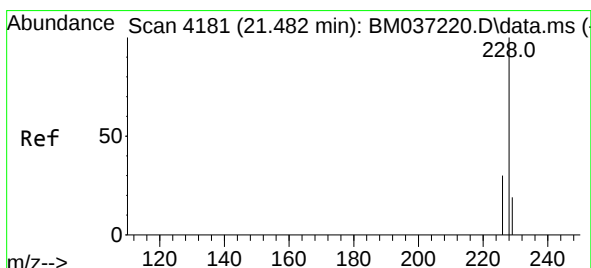
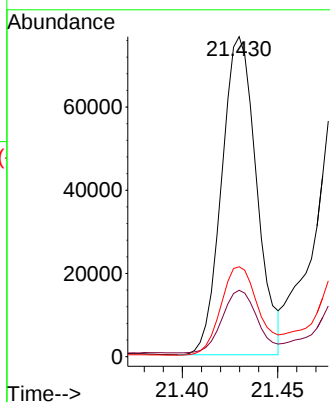
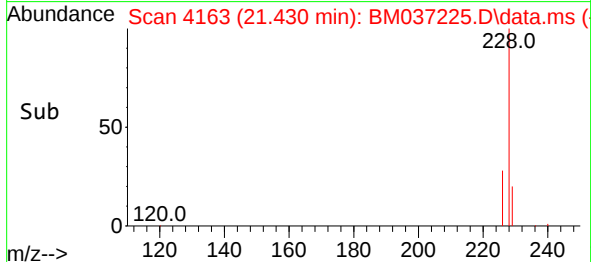
Instrument :
BNA_M
ClientSampleId :
C0BK9



Tgt Ion:228 Resp: 97356
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.1 21.8 32.8

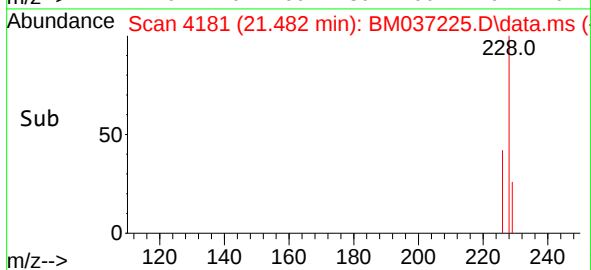
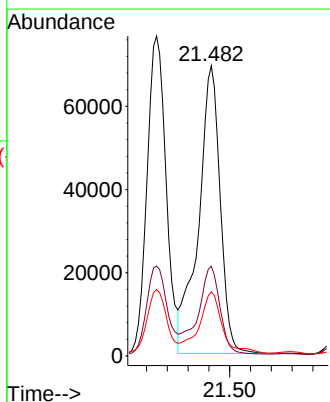
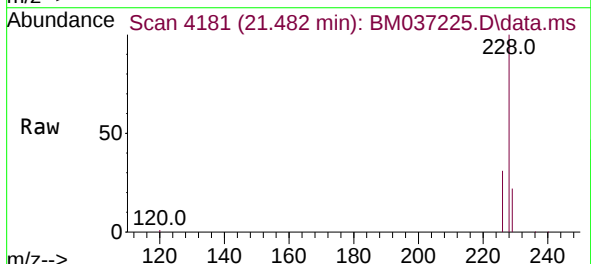
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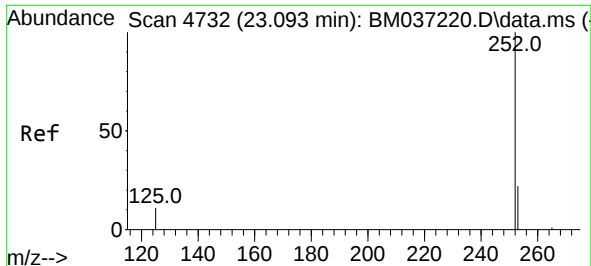
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#22
Chrysene
Concen: 1.951 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.002 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

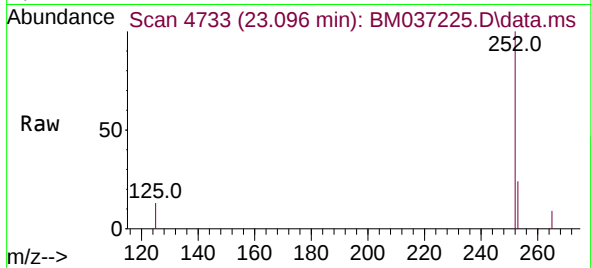
Tgt Ion:228 Resp: 100322
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.370 ng/ul
RT: 23.096 min Scan# 4732
Delta R.T. 0.001 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

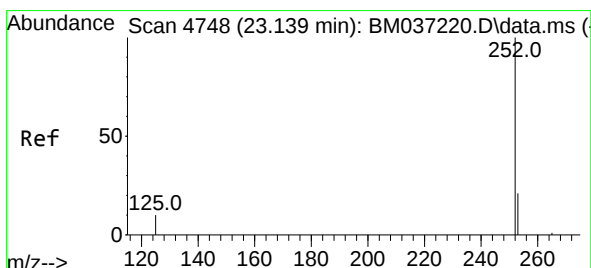
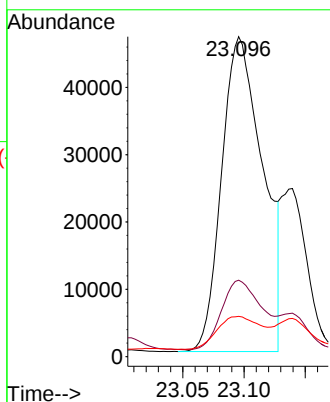
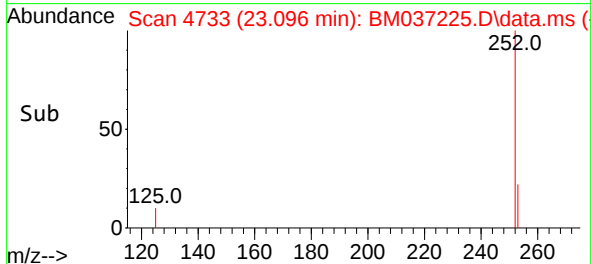
Instrument :
BNA_M
ClientSampleId :
C0BK9



Tgt Ion:252 Resp: 109282
Ion Ratio Lower Upper
252 100
253 23.9 0.0 50.6
125 12.6 0.0 32.6

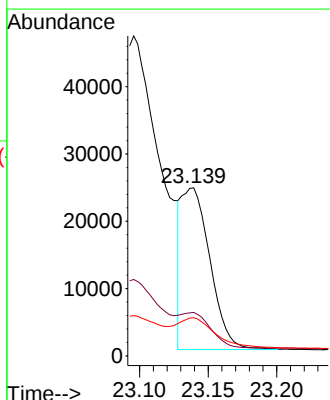
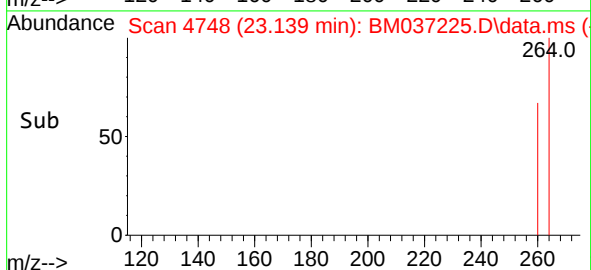
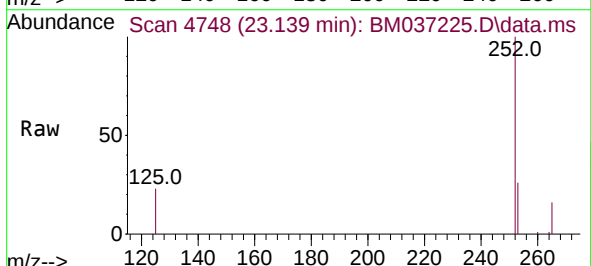
Manual Integrations
APPROVED

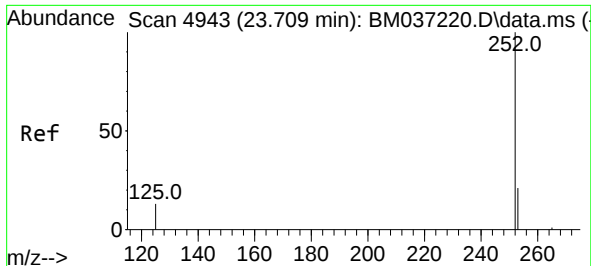
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.780 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

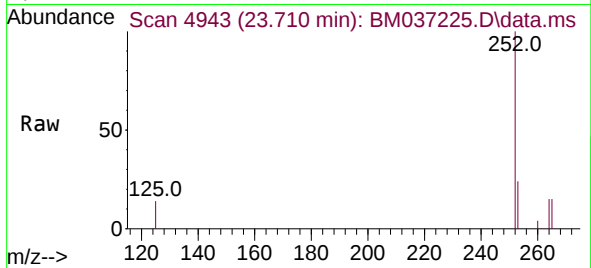
Tgt Ion:252 Resp: 34768
Ion Ratio Lower Upper
252 100
253 25.9 20.6 30.8
125 22.7 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 1.662 ng/ul
RT: 23.710 min Scan# 4943
Delta R.T. -0.002 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

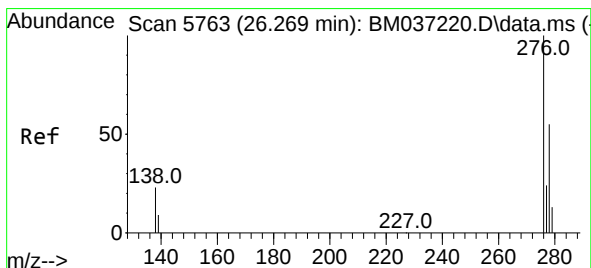
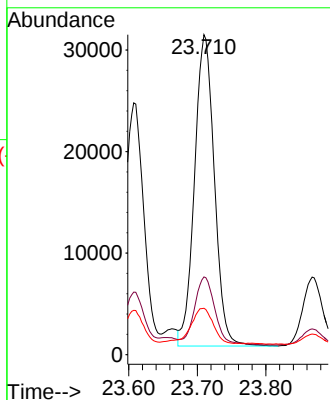
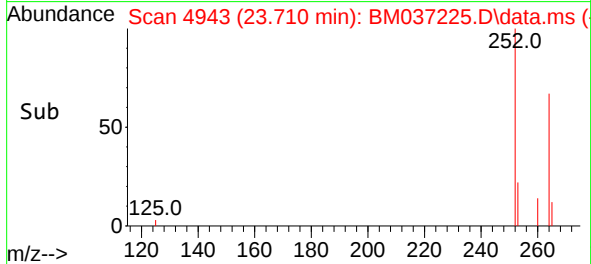
Instrument :
BNA_M
ClientSampleId :
C0BK9



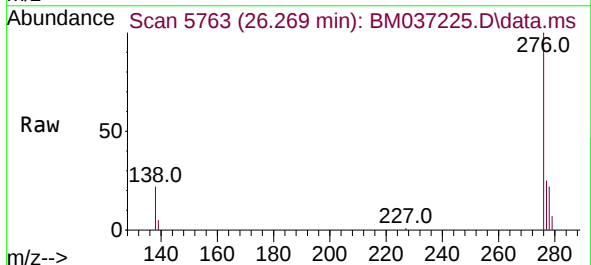
Tgt Ion:252 Resp: 61548
Ion Ratio Lower Upper
252 100
253 24.3 22.1 33.1
125 14.5 17.6 26.4

Manual Integrations
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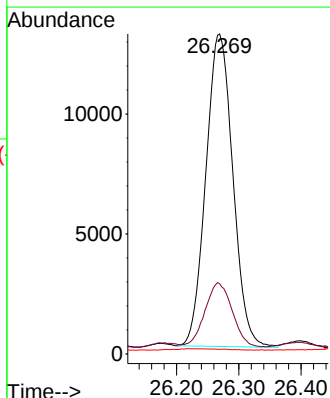
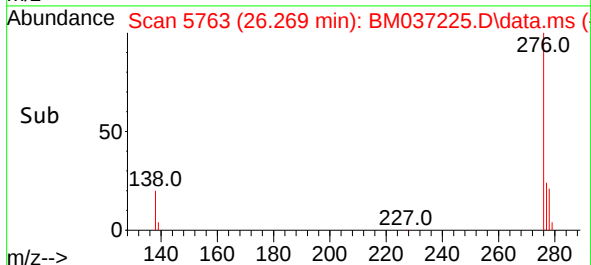
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

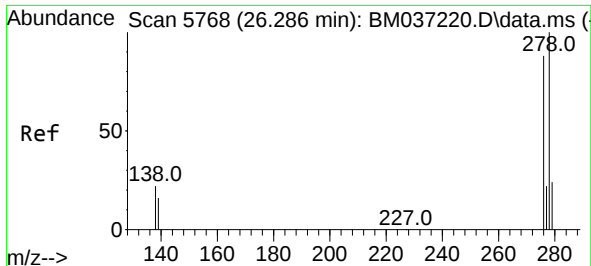


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.760 ng/ul
RT: 26.269 min Scan# 5763
Delta R.T. -0.006 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08



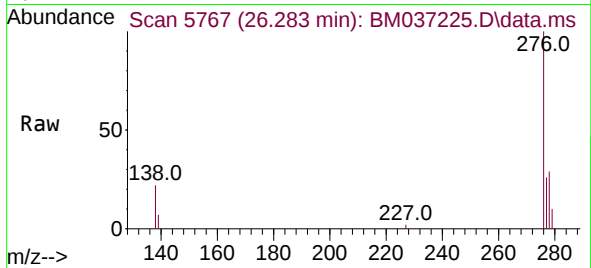
Tgt Ion:276 Resp: 39328
Ion Ratio Lower Upper
276 100
138 20.7 21.4 32.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 26.283 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

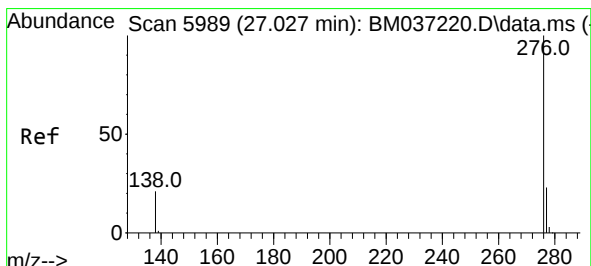
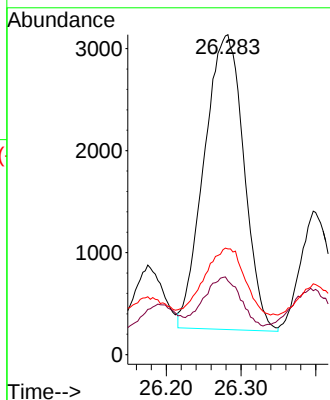
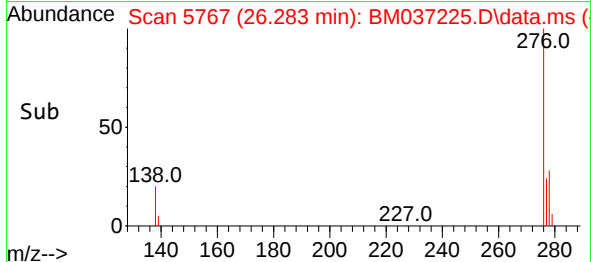
Instrument :
BNA_M
ClientSampleId :
C0BK9



Tgt Ion:278 Resp: 10672
Ion Ratio Lower Upper
278 100
139 23.0 16.3 24.5
279 33.0 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.681 ng/ul
RT: 27.024 min Scan# 5988
Delta R.T. -0.002 min
Lab File: BM037225.D
Acq: 25 Oct 2022 13:08

Tgt Ion:276 Resp: 30978
Ion Ratio Lower Upper
276 100
138 22.7 19.8 29.8
277 25.0 20.1 30.1

