

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036929.D
 Acq On : 11 Oct 2022 04:26
 Operator : CG/JU
 Sample : N4991-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF5

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 02:26:25 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	7.951	152	7882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	27361	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	14876	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	30180	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	23392	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	18443	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	43785	3.939	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11783	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	24021	0.343	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	47976	0.613	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	12574	0.263	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	7613	0.157	ng/ul	99
10) Acenaphthylene	14.298	152	32981	0.533	ng/ul	99
11) Acenaphthene	14.640	153	5171	0.096	ng/ul	100
12) Fluorene	15.621	166	10337	0.170	ng/ul	99
15) Phenanthrene	17.356	178	362695	3.764	ng/ul	99
16) Anthracene	17.448	178	48429	0.601	ng/ul	98
19) Fluoranthene	19.364	202	531199	5.709	ng/ul	98
20) Pyrene	19.726	202	418519	4.313	ng/ul	98
21) Benzo(a)anthracene	21.465	228	173528	2.053	ng/ul	100
22) Chrysene	21.517	228	170665	1.881	ng/ul	99
24) Benzo(b)fluoranthene	23.145	252	196877	2.390	ng/ul	87
25) Benzo(k)fluoranthene	23.189	252	62344m	0.777	ng/ul	
26) Benzo(a)pyrene	23.771	252	117599	1.759	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.356	276	75298	0.795	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.366	278	16902	0.221	ng/ul	95
29) Benzo(g,h,i)perylene	27.124	276	65956	0.790	ng/ul	97

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

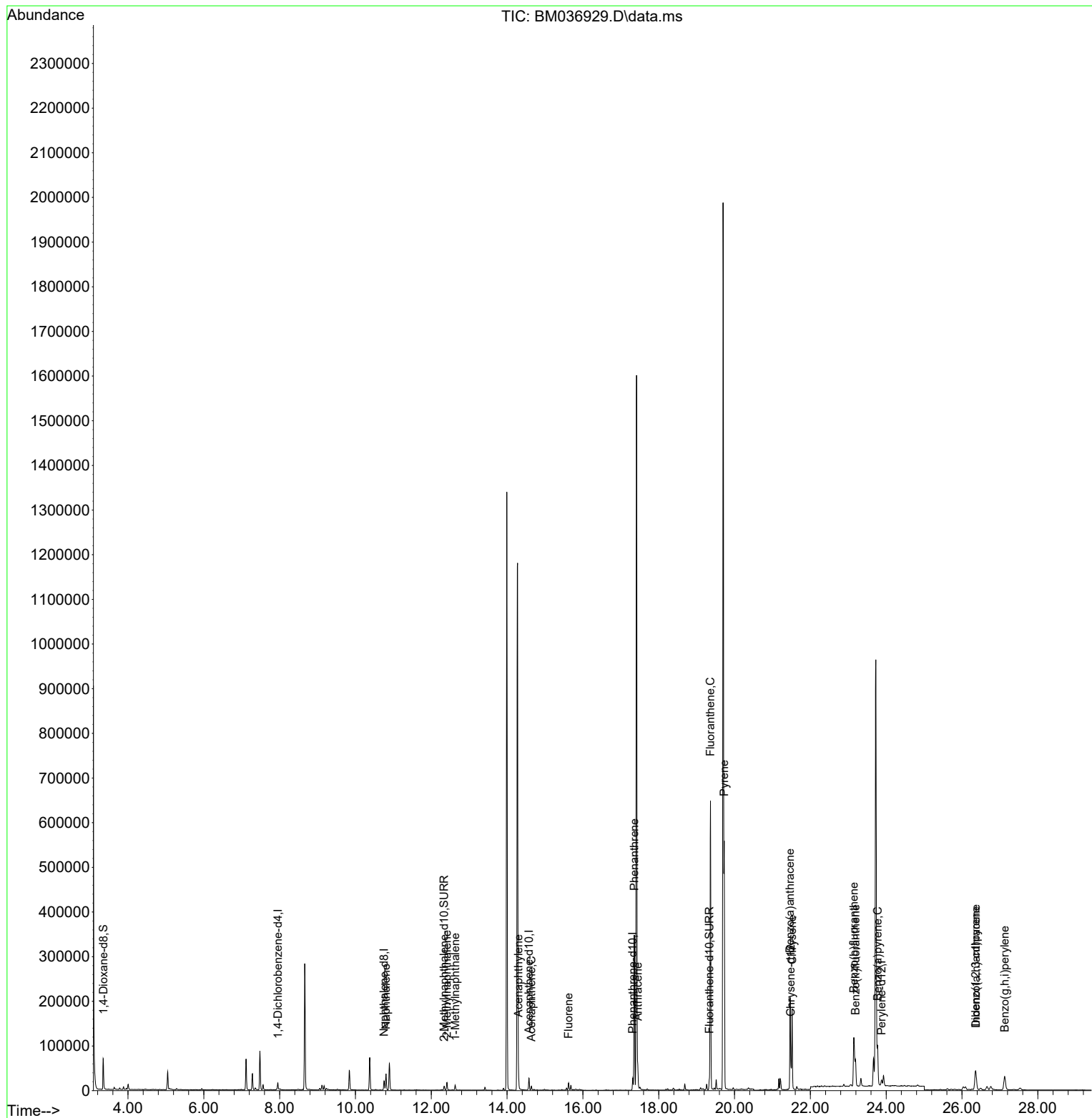
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036929.D
Acq On : 11 Oct 2022 04:26
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ALS Vial : 31 Sample Multiplier: 1

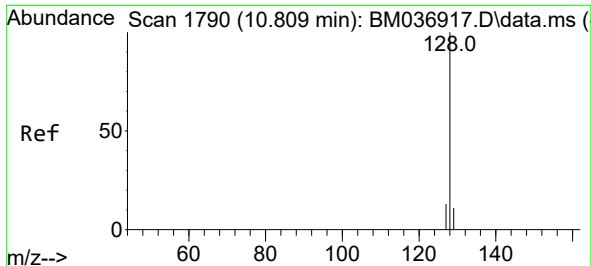
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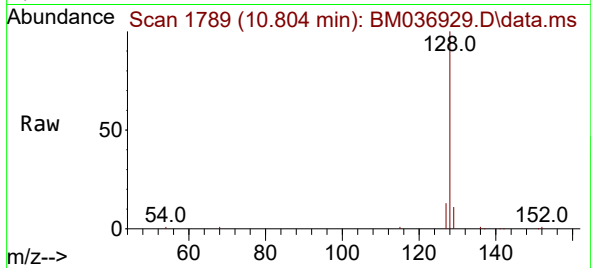
Quant Time: Oct 17 02:26:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.613 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. -0.005 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

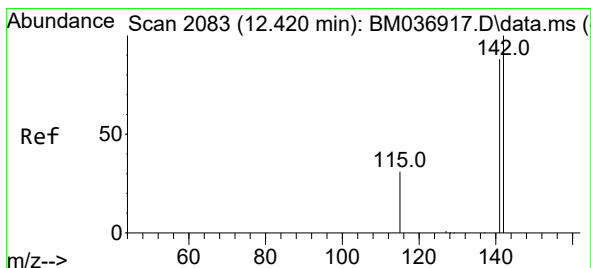
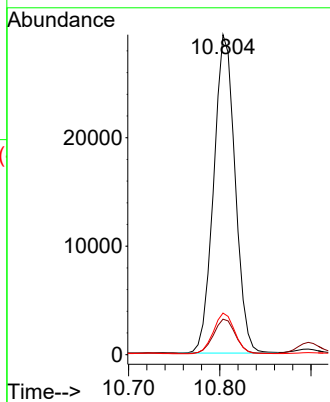
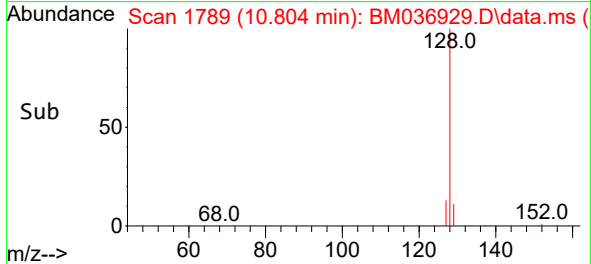
Instrument :
BNA_M
ClientSampleId :
C0BF5



Tgt Ion:128 Resp: 47970
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.0 11.7 17.5

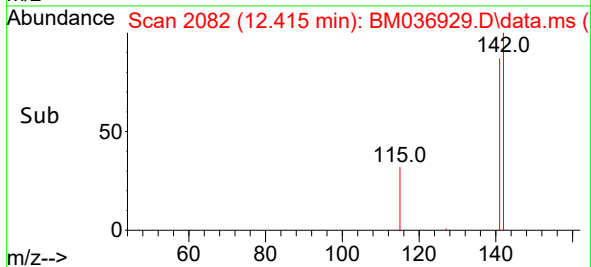
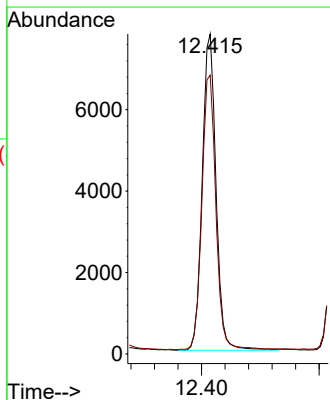
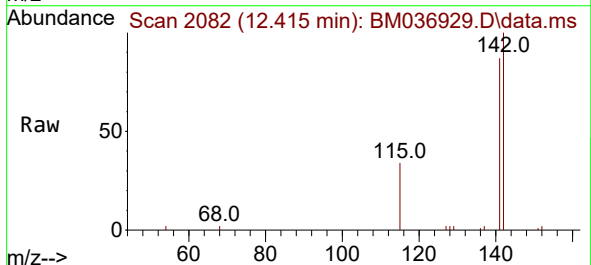
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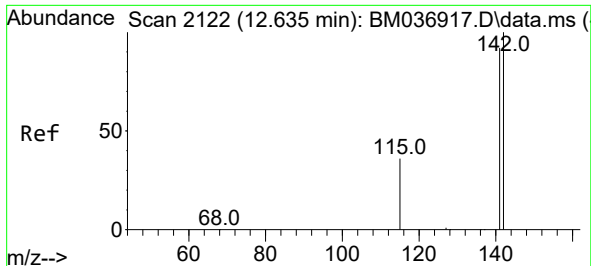
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

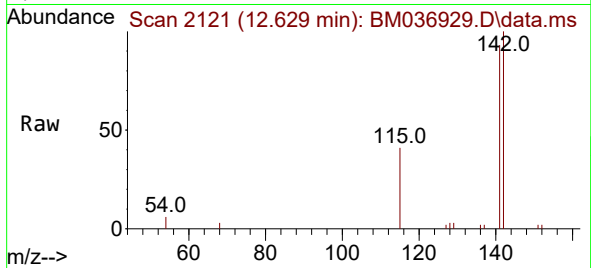
Tgt Ion:142 Resp: 12574
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

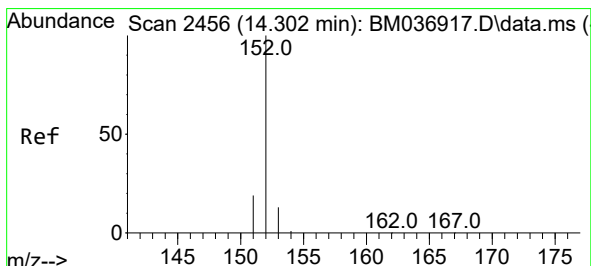
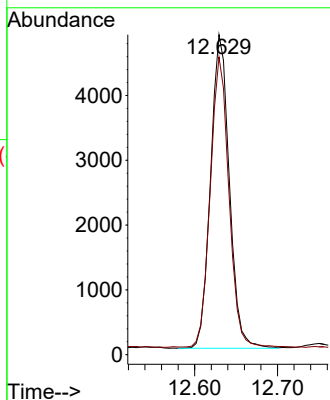
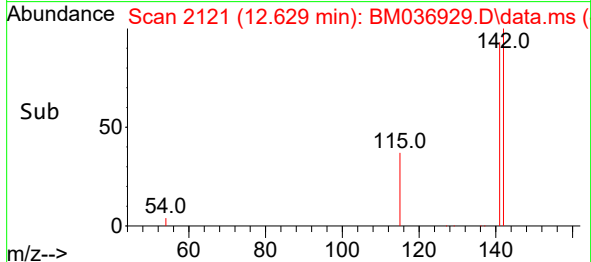
Instrument :
BNA_M
ClientSampleId :
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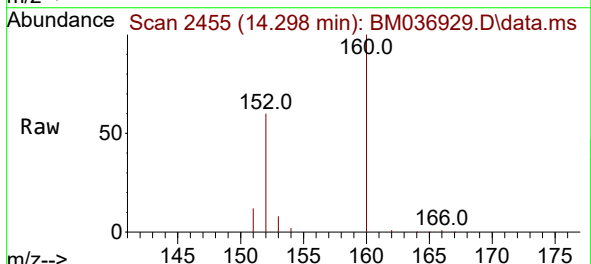
Tgt Ion:142 Resp: 761
Ion Ratio Lower Upper
142 100
141 91.3 74.1 111.1

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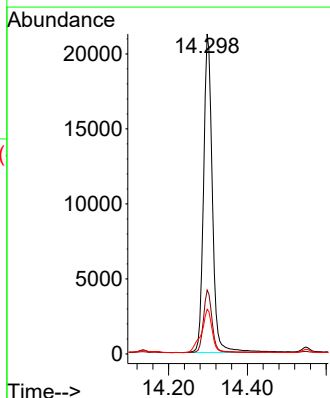
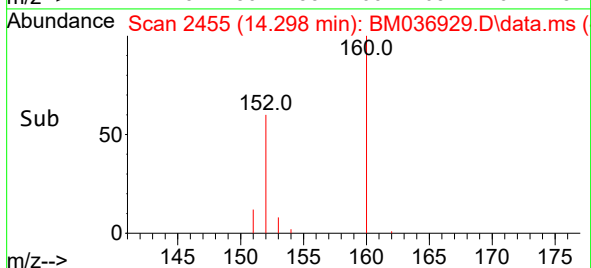
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

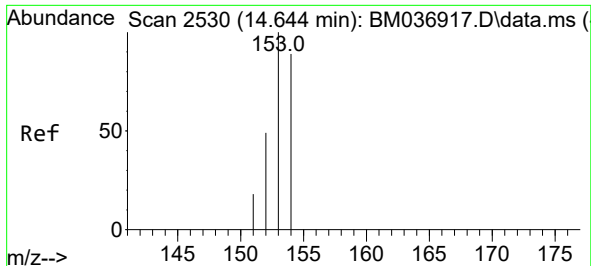


#10
Acenaphthylene
Concen: 0.533 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26



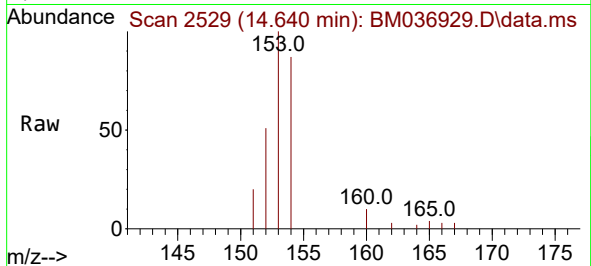
Tgt Ion:152 Resp: 32981
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 14.0 11.4 17.0





#11
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.640 min Scan# 2530
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

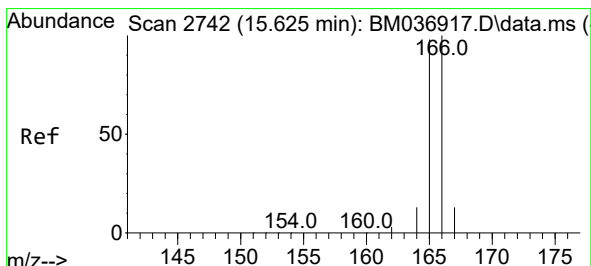
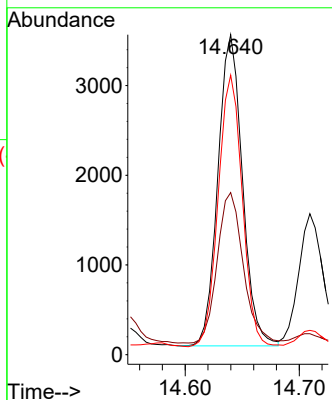
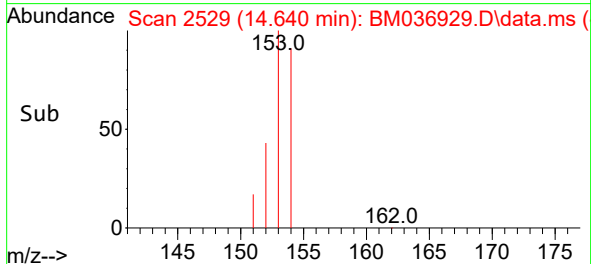
Instrument :
BNA_M
ClientSampleId :
C0BF5



Tgt Ion:153 Resp: 517
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 87.3 69.7 104.5

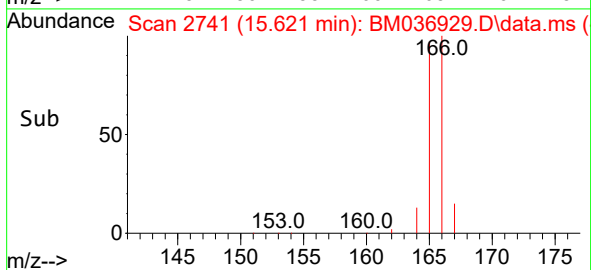
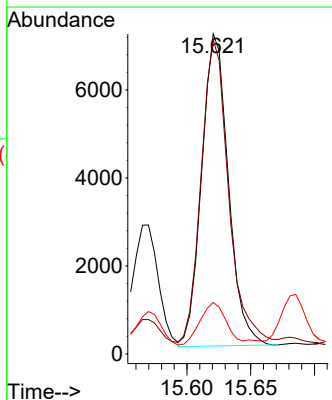
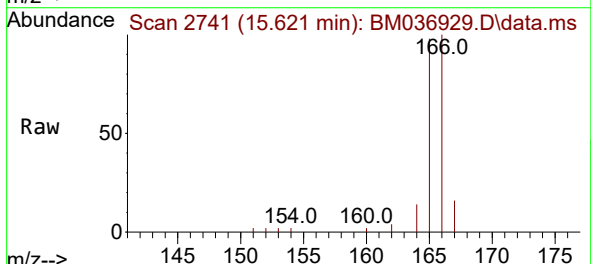
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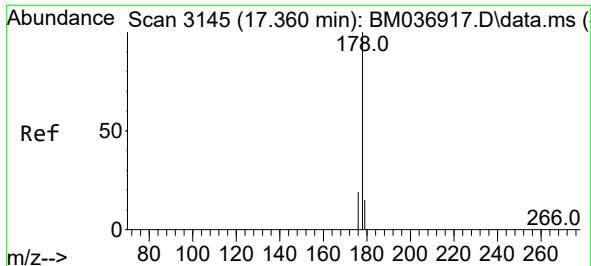
Reviewed By :Jagrut Upadhyay 10/18/2022
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#12
Fluorene
Concen: 0.170 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

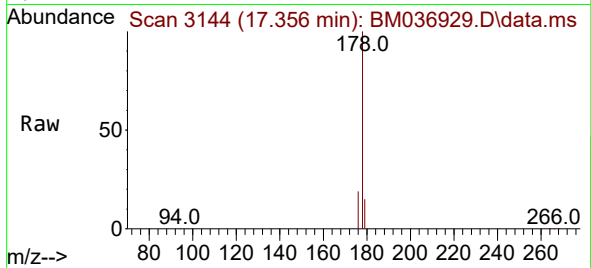
Tgt Ion:166 Resp: 10337
Ion Ratio Lower Upper
166 100
165 98.2 78.9 118.3
167 16.1 11.3 16.9





#15
Phenanthrene
Concen: 3.764 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

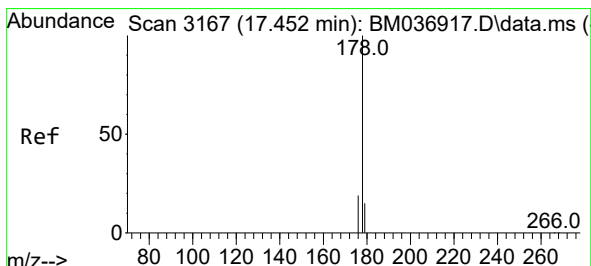
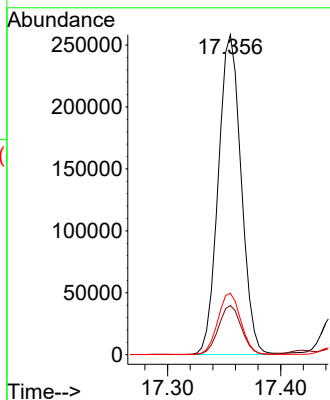
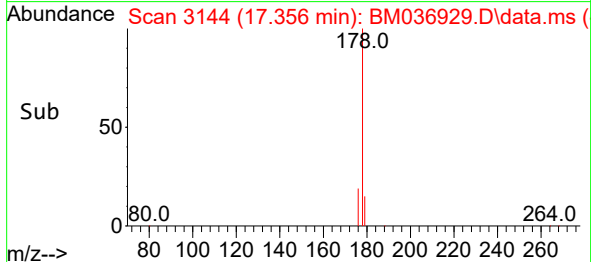
Instrument :
BNA_M
ClientSampleId :
C0BF5



Tgt Ion:178 Resp: 36269
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.2 15.6 23.4

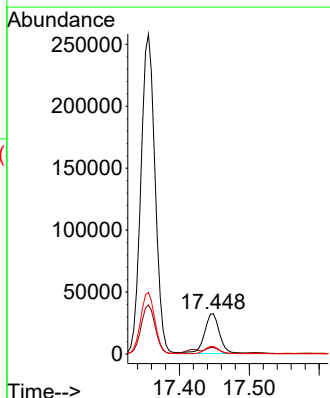
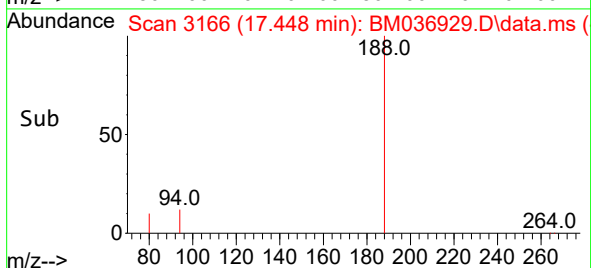
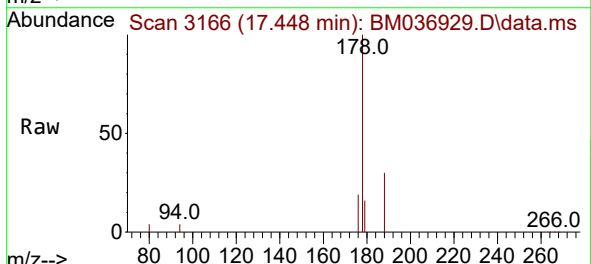
Manual Integrations
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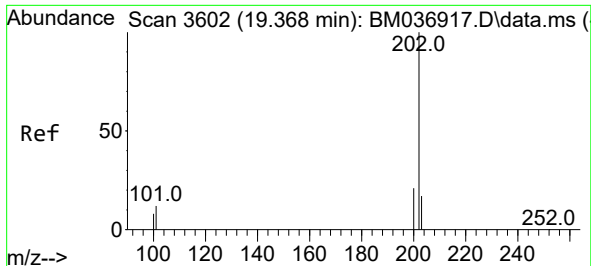
Reviewed By :Jagrut Upadhyay 10/18/2022
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#16
Anthracene
Concen: 0.601 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

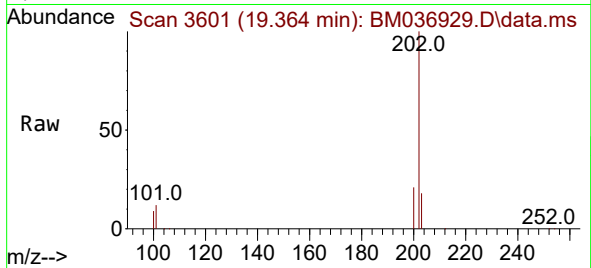
Tgt Ion:178 Resp: 48429
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 5.709 ng/ul
RT: 19.364 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

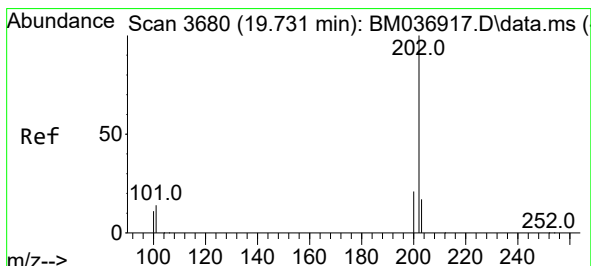
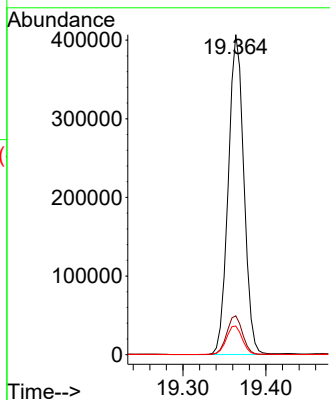
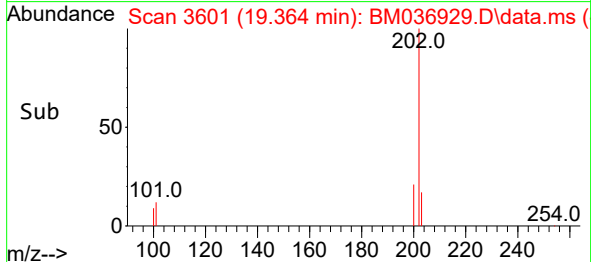
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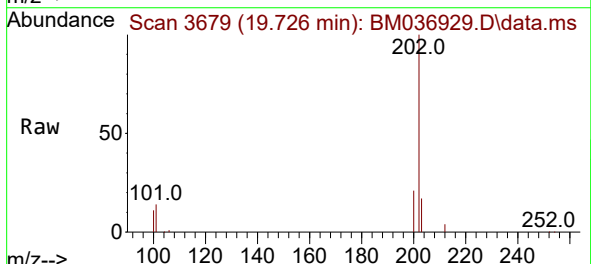
Tgt Ion:202 Resp: 531199
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.0 7.9 11.9

Manual Integrations
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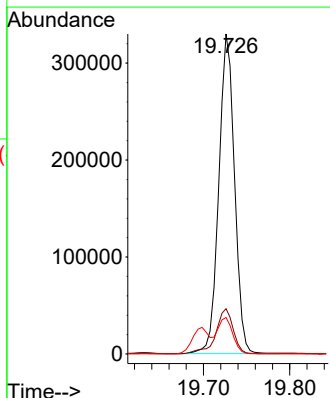
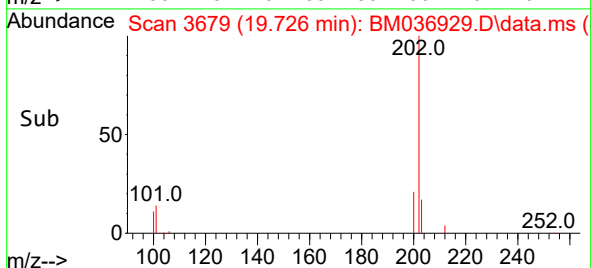
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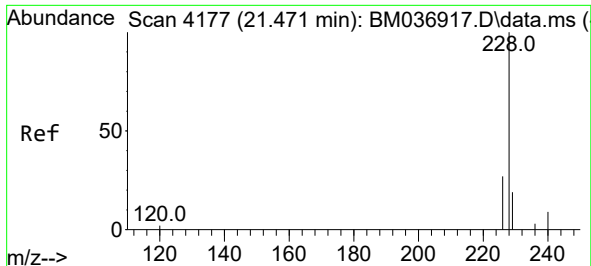


#20
Pyrene
Concen: 4.313 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.004 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26



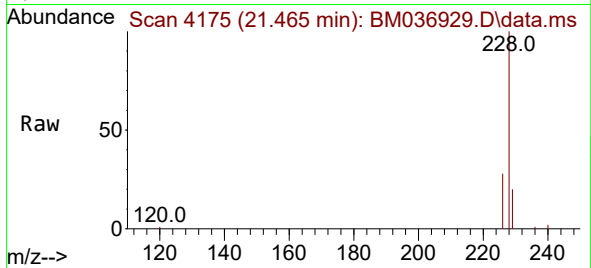
Tgt Ion:202 Resp: 418519
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.053 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

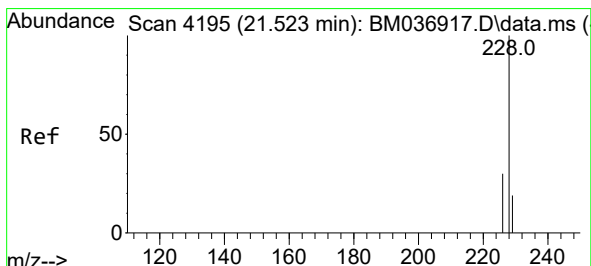
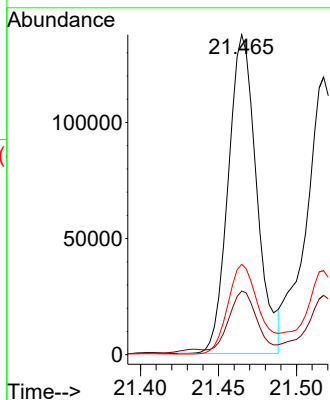
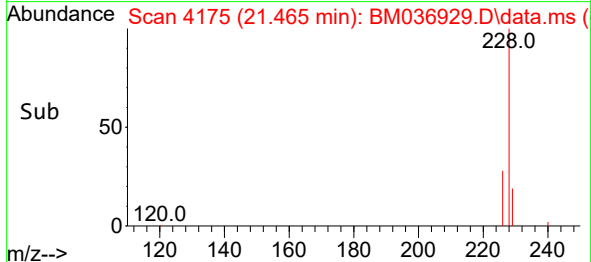
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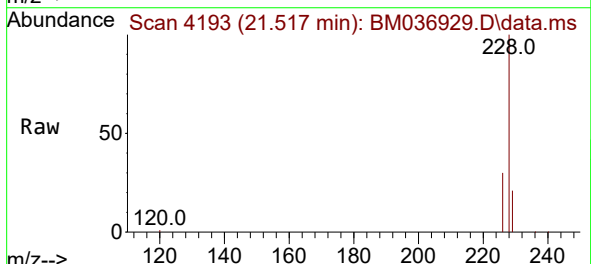
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Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 28.3 22.5 33.7

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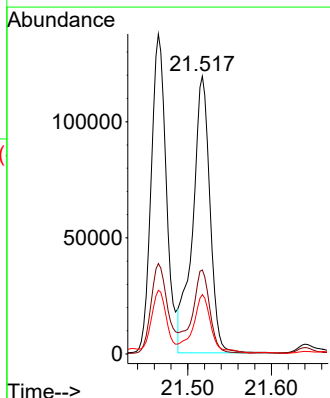
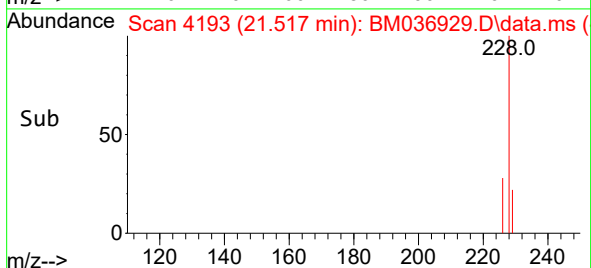
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

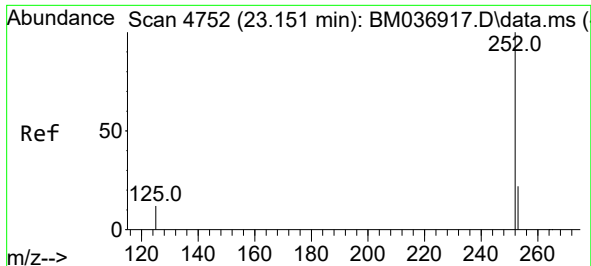


#22
Chrysene
Concen: 1.881 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.006 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26



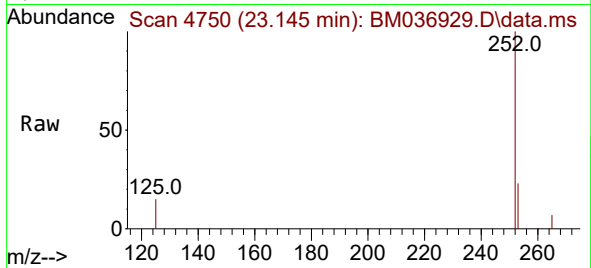
Tgt Ion:228 Resp: 170665
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 21.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.390 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.006 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

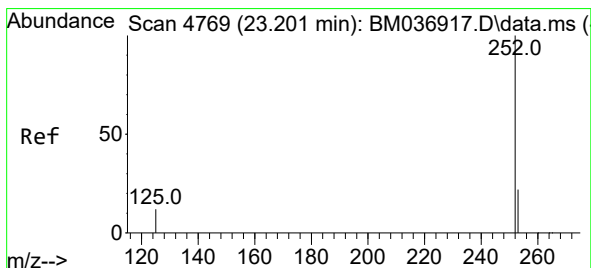
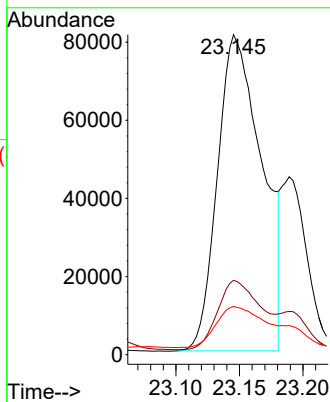
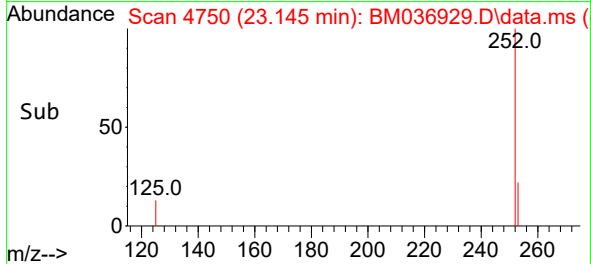
Instrument :
BNA_M
ClientSampleId :
C0BF5



Tgt Ion:252 Resp: 19687
Ion Ratio Lower Upper
252 100
253 23.2 0.0 61.4
125 15.1 0.0 42.6

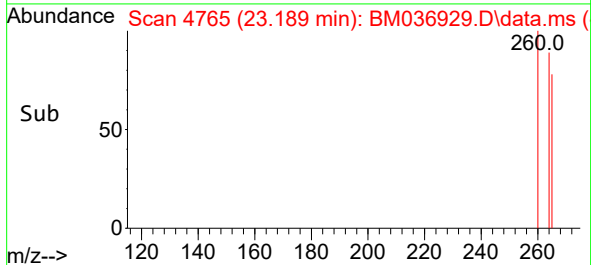
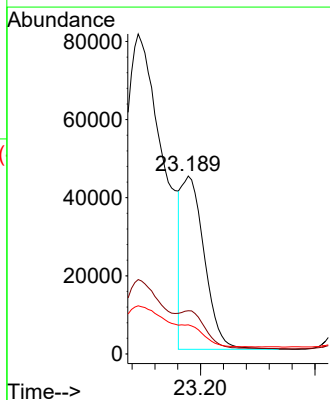
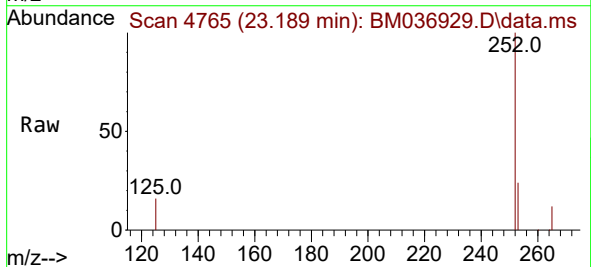
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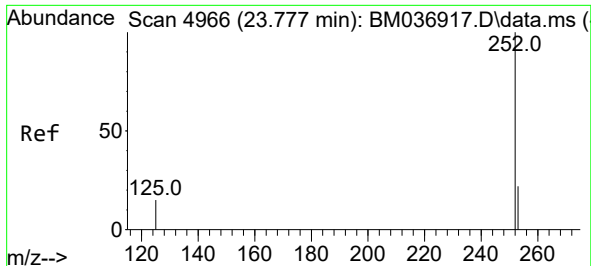
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#25
Benzo(k)fluoranthene
Concen: 0.777 ng/ul m
RT: 23.189 min Scan# 4765
Delta R.T. -0.012 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

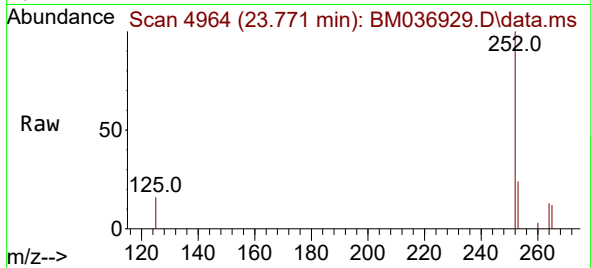
Tgt Ion:252 Resp: 62344
Ion Ratio Lower Upper
252 100
253 24.3 25.2 37.8#
125 16.4 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 1.759 ng/ul
RT: 23.771 min Scan# 4966
Delta R.T. -0.006 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

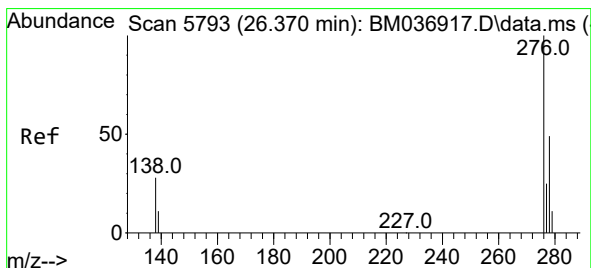
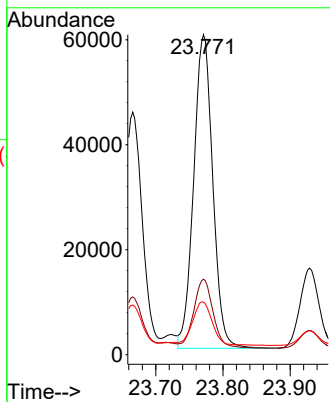
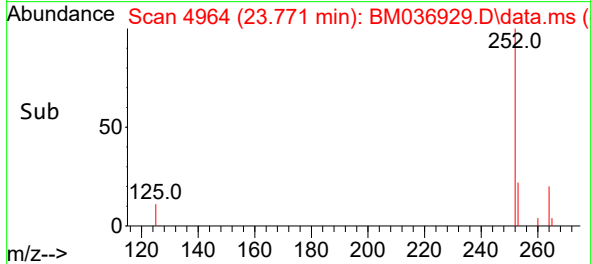
Instrument :
BNA_M
ClientSampleId :
C0BF5



Tgt Ion:252 Resp: 117599
Ion Ratio Lower Upper
252 100
253 23.6 29.7 44.5
125 16.5 23.6 35.4

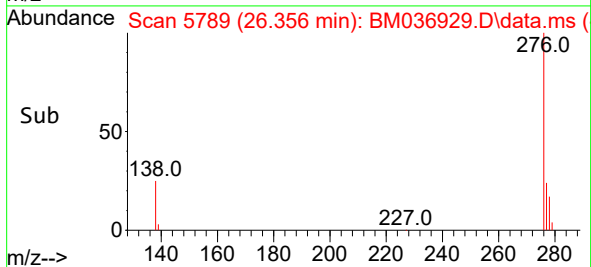
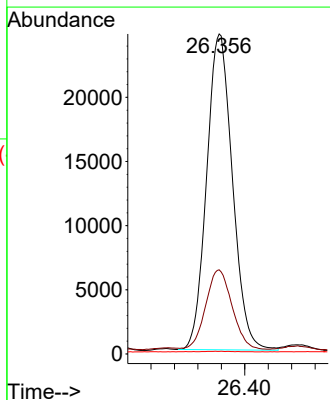
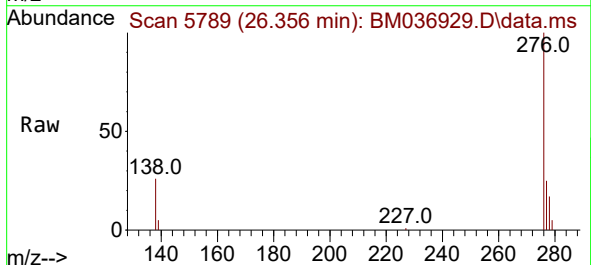
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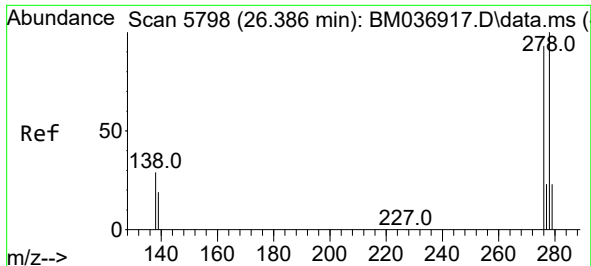
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.795 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.013 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

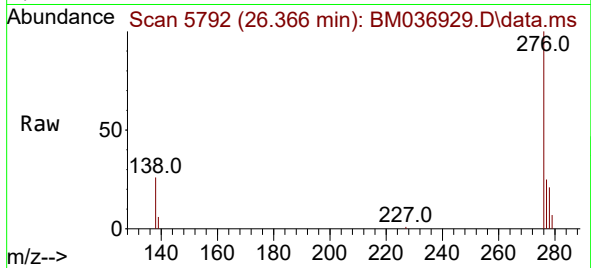
Tgt Ion:276 Resp: 75298
Ion Ratio Lower Upper
276 100
138 26.1 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.221 ng/ul
RT: 26.366 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26

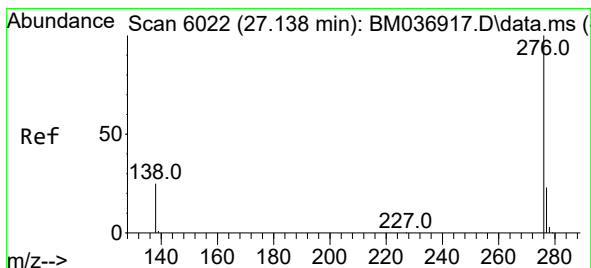
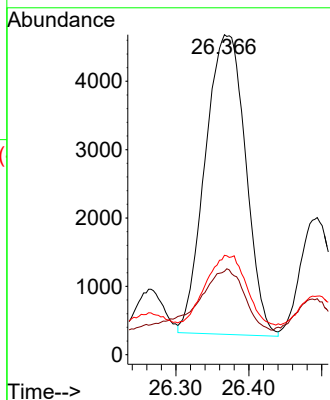
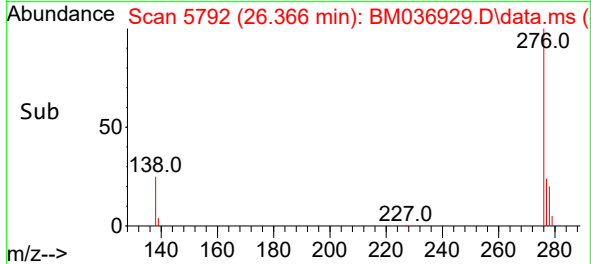
Instrument :
BNA_M
ClientSampleId :
C0BF5



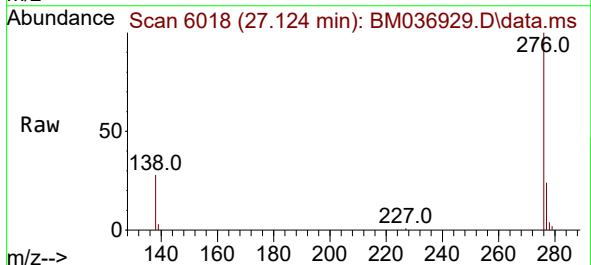
Tgt Ion:278 Resp: 16902
Ion Ratio Lower Upper
278 100
139 26.0 19.8 29.6
279 31.1 27.7 41.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.790 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.013 min
Lab File: BM036929.D
Acq: 11 Oct 2022 04:26



Tgt Ion:276 Resp: 65956
Ion Ratio Lower Upper
276 100
138 27.5 23.4 35.0
277 24.3 21.0 31.4

