

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036926.D
 Acq On : 11 Oct 2022 02:41
 Operator : CG/JU
 Sample : N4991-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 03:17:23 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 10 00:54:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7619	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	26991	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	15080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	30766	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	21342	0.400	ng/ul	0.00
23) Perylene-d12	23.878	264	16621	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	34140	3.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	9348	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	17299	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	33424	0.433	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	8589	0.182	ng/ul	92
8) 1-Methylnaphthalene	12.635	142	4560	0.095	ng/ul	98
10) Acenaphthylene	14.298	152	7474	0.119	ng/ul	96
11) Acenaphthene	14.641	153	1215	0.022	ng/ul	97
12) Fluorene	15.621	166	1603	0.026	ng/ul#	96
15) Phenanthrene	17.356	178	67578	0.688	ng/ul	99
16) Anthracene	17.445	178	4687	0.057	ng/ul#	93
19) Fluoranthene	19.364	202	104139	1.227	ng/ul	98
20) Pyrene	19.727	202	80723m	0.912	ng/ul	
21) Benzo(a)anthracene	21.467	228	22147	0.287	ng/ul	97
22) Chrysene	21.517	228	32300	0.390	ng/ul	99
24) Benzo(b)fluoranthene	23.144	252	35359	0.476	ng/ul	92
25) Benzo(k)fluoranthene	23.188	252	12669m	0.175	ng/ul	
26) Benzo(a)pyrene	23.770	252	18670	0.310	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.355	276	14740	0.173	ng/ul	95
28) Dibenzo(a,h)anthracene	26.372	278	3156	0.046	ng/ul#	35
29) Benzo(g,h,i)perylene	27.124	276	13147	0.175	ng/ul	95

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

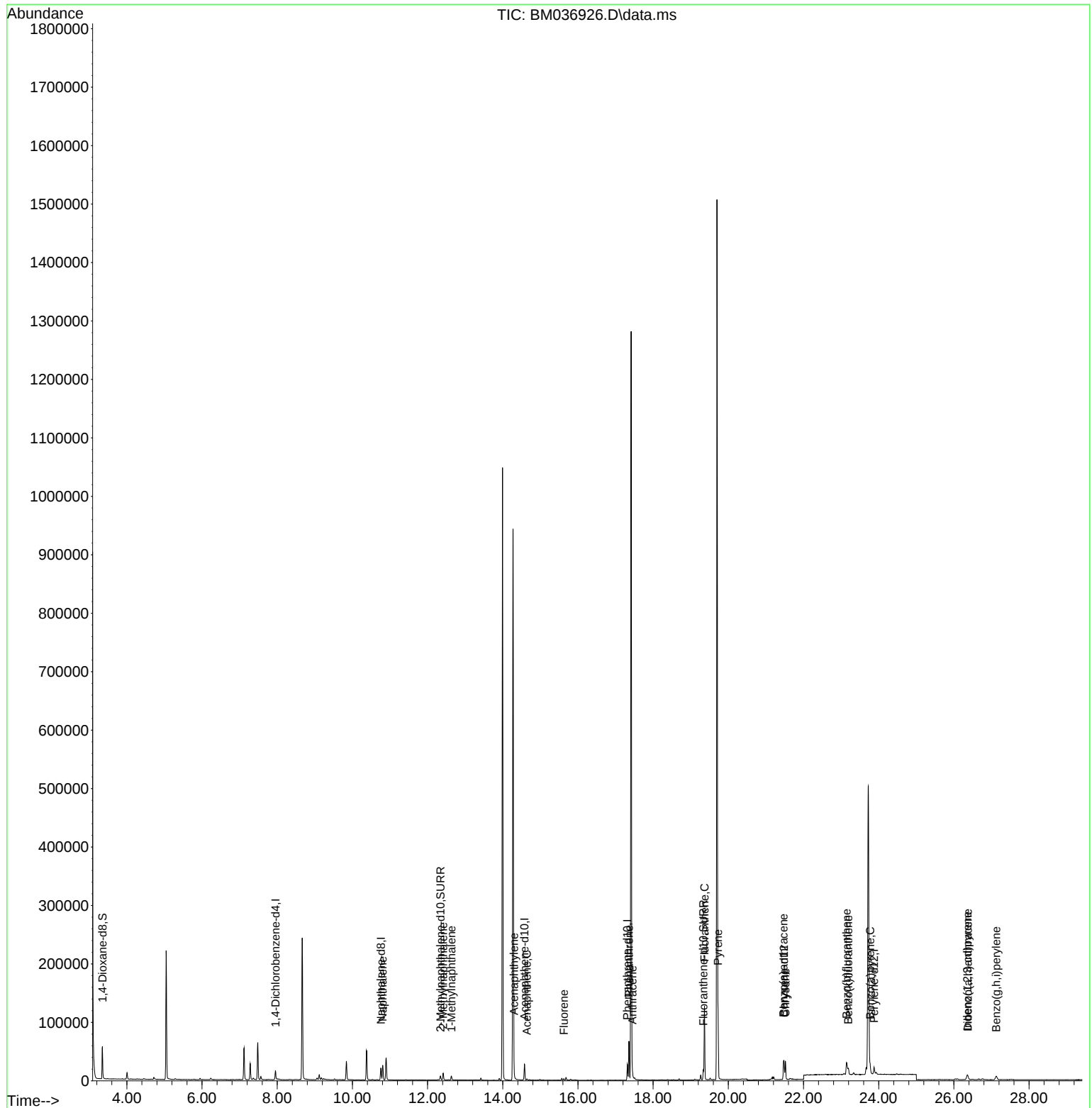
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036926.D
Acq On : 11 Oct 2022 02:41
Operator : CG/JU
Sample : N4991-01
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ALS Vial : 28 Sample Multiplier: 1

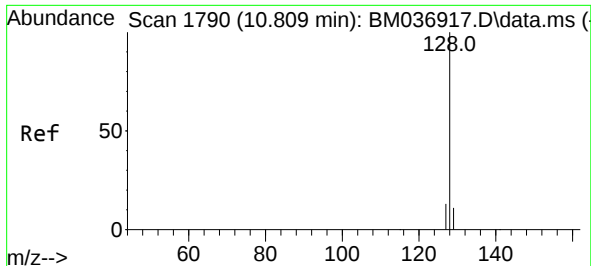
Instrument :
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ClientSampleId :
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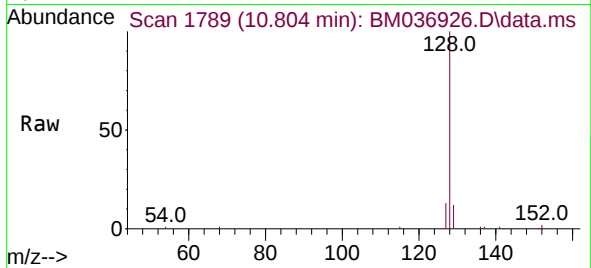
Quant Time: Oct 11 03:17:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.433 ng/ul
RT: 10.804 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

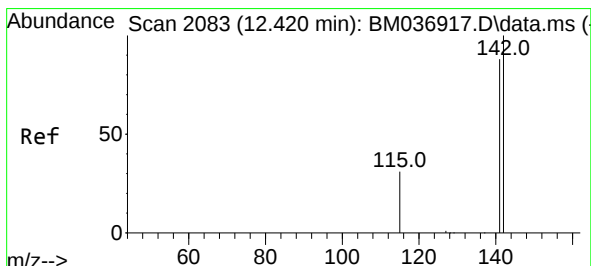
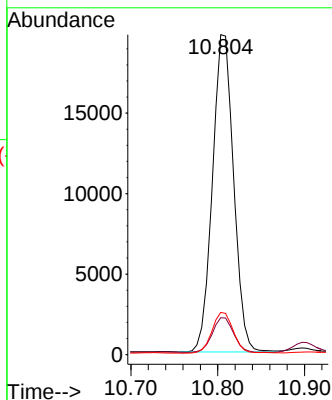
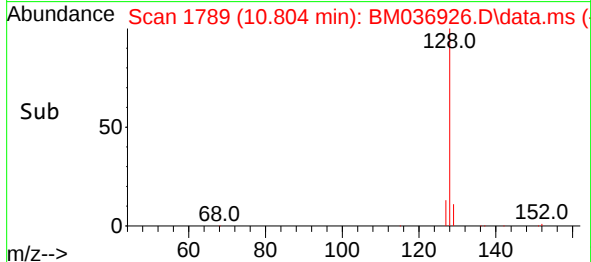
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:128 Resp: 33424
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.2 11.7 17.5

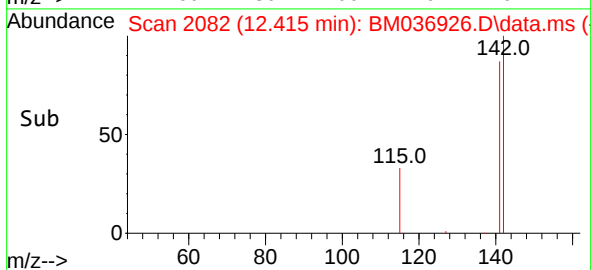
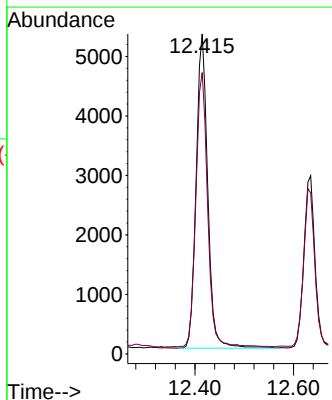
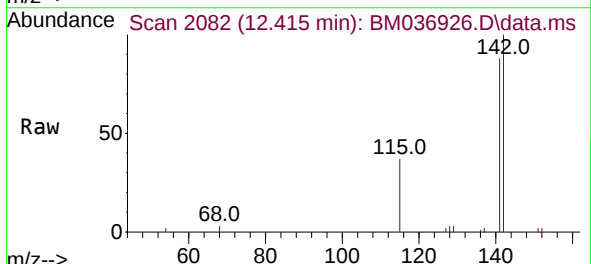
Manual Integrations
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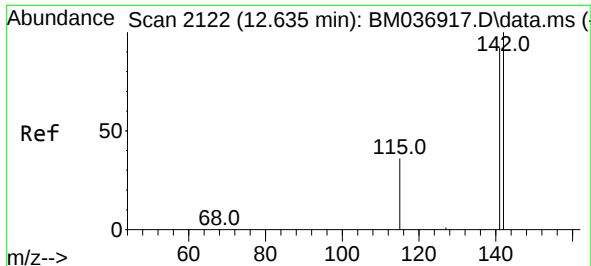
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

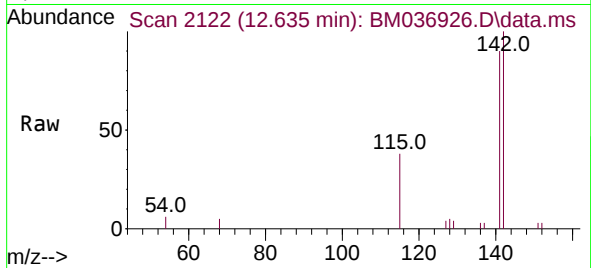
Tgt Ion:142 Resp: 8589
Ion Ratio Lower Upper
142 100
141 89.2 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

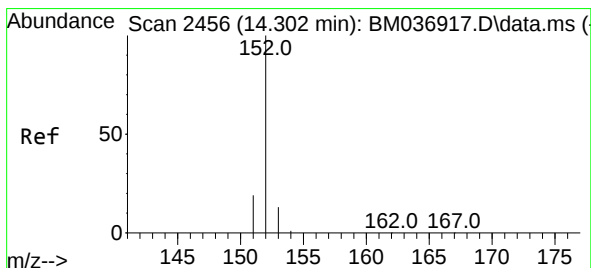
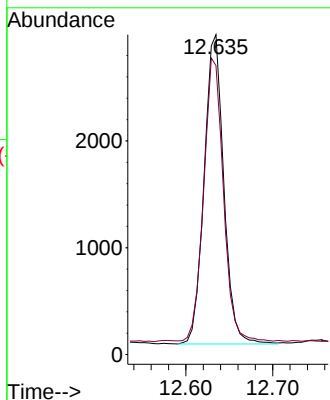
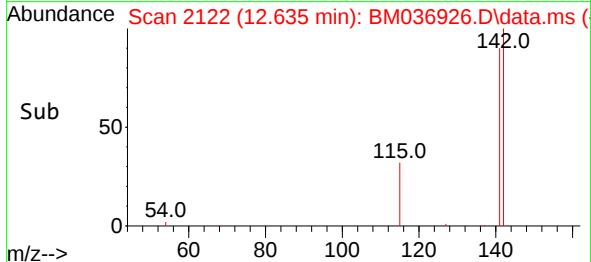
Instrument :
BNA_M
ClientSampleId :
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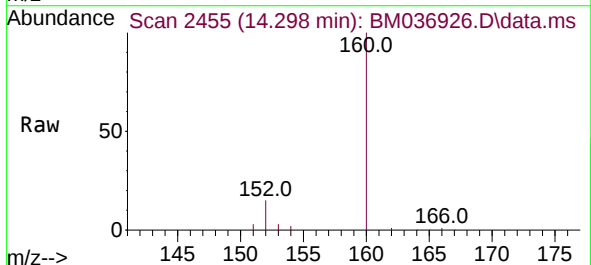
Tgt Ion:142 Resp: 4560
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1

Manual Integrations
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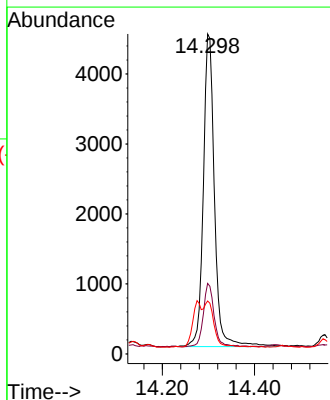
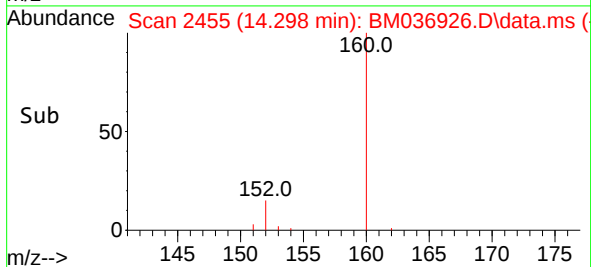
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

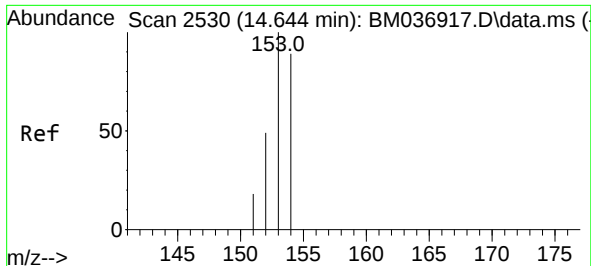


#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41



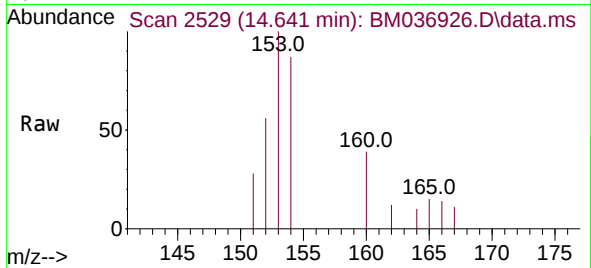
Tgt Ion:152 Resp: 7474
Ion Ratio Lower Upper
152 100
151 22.0 16.6 24.8
153 16.5 11.4 17.0





#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.641 min Scan# 2530
Delta R.T. -0.005 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

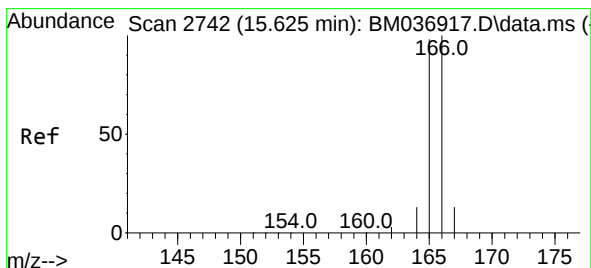
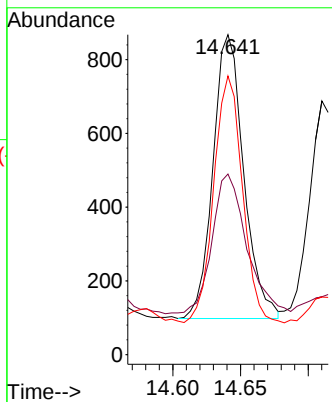
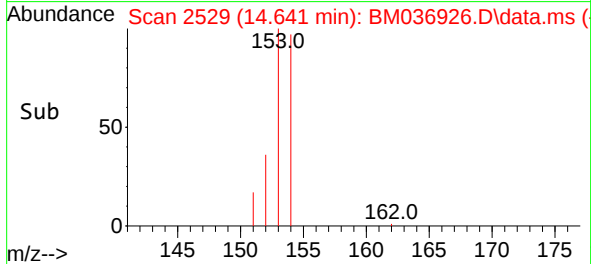
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:153 Resp: 1215
Ion Ratio Lower Upper
153 100
152 56.5 40.2 60.4
154 87.1 69.7 104.5

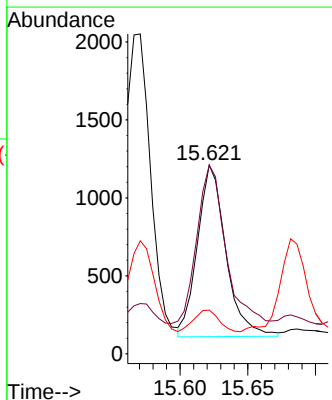
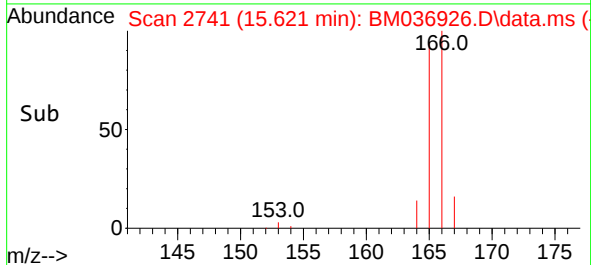
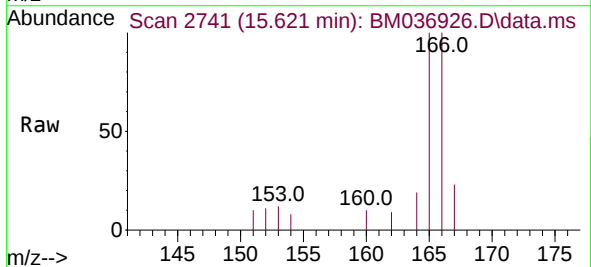
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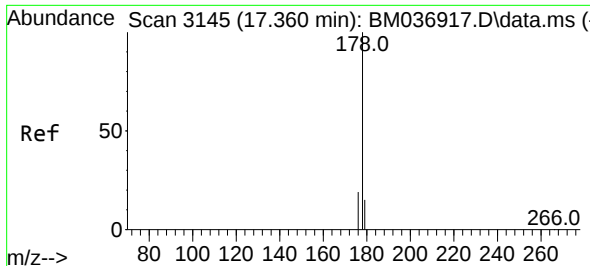
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. -0.009 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

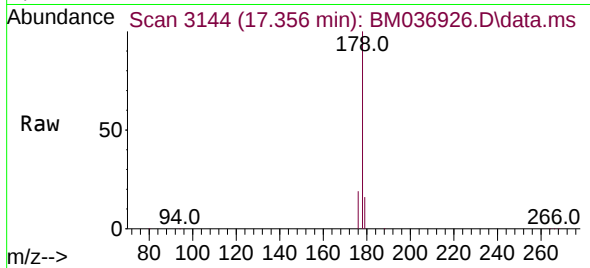
Tgt Ion:166 Resp: 1603
Ion Ratio Lower Upper
166 100
165 99.9 78.9 118.3
167 23.1 11.3 16.9#





#15
Phenanthrene
Concen: 0.688 ng/u1
RT: 17.356 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

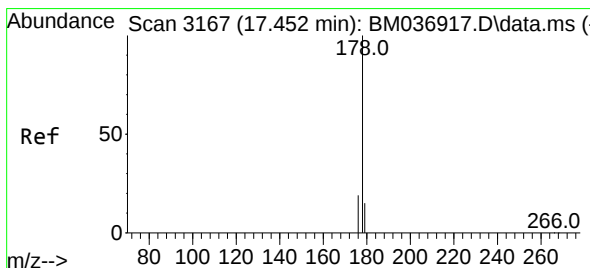
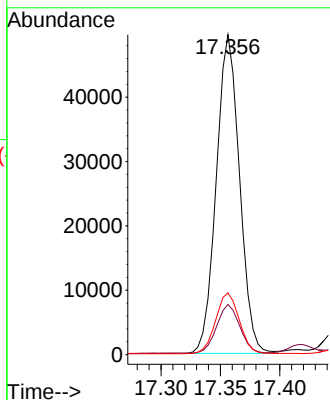
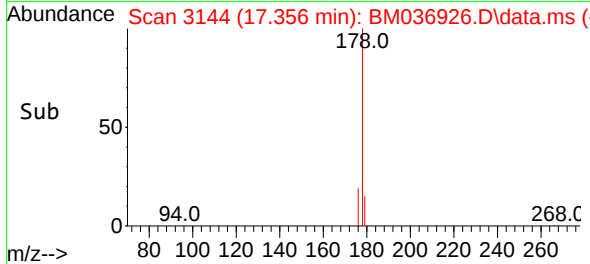
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:178 Resp: 67578
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.6 23.4

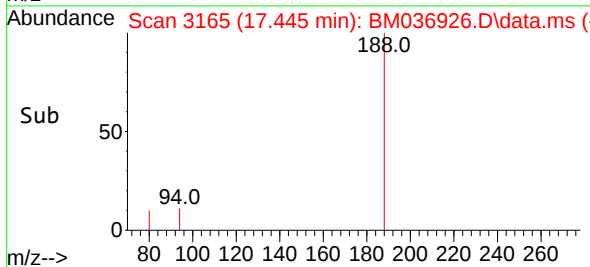
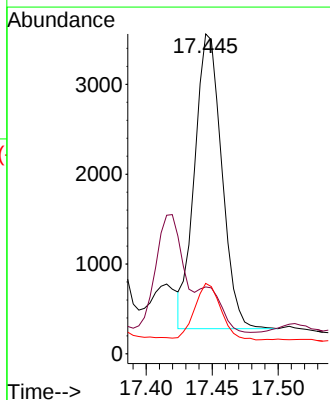
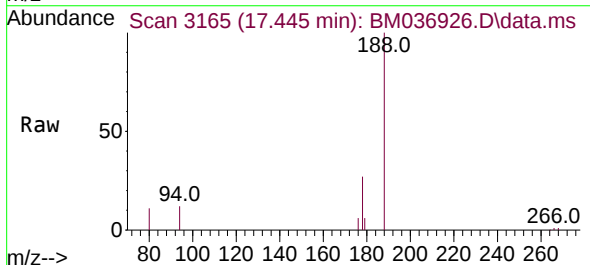
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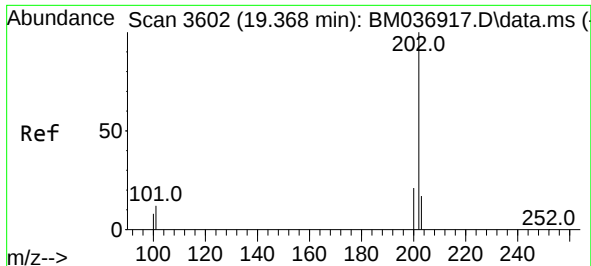
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#16
Anthracene
Concen: 0.057 ng/u1
RT: 17.445 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

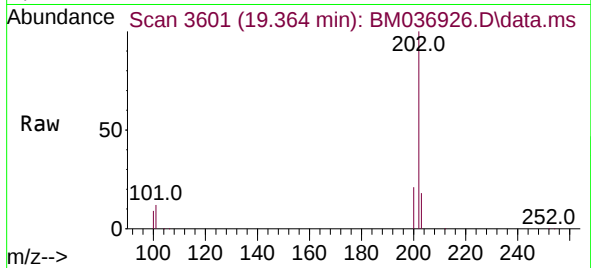
Tgt Ion:178 Resp: 4687
Ion Ratio Lower Upper
178 100
179 20.9 13.6 20.4#
176 22.0 15.6 23.4





#19
Fluoranthene
Concen: 1.227 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. -0.009 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

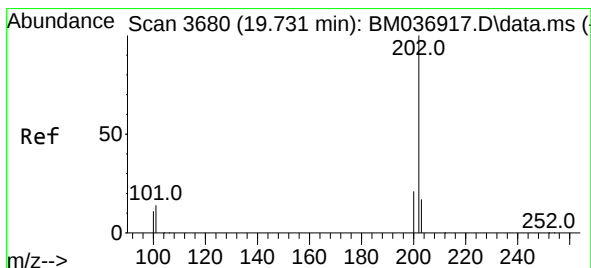
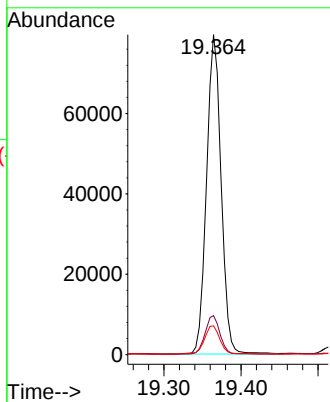
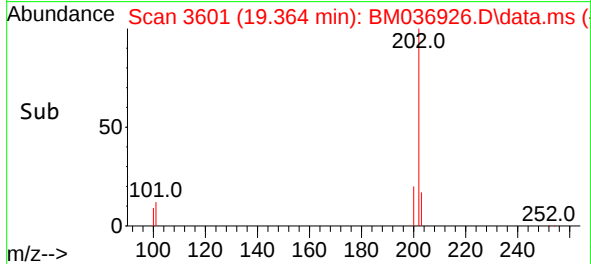
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:202 Resp: 104139
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.0 7.9 11.9

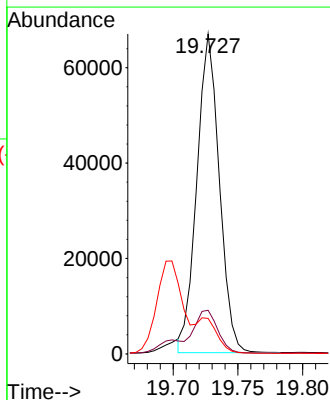
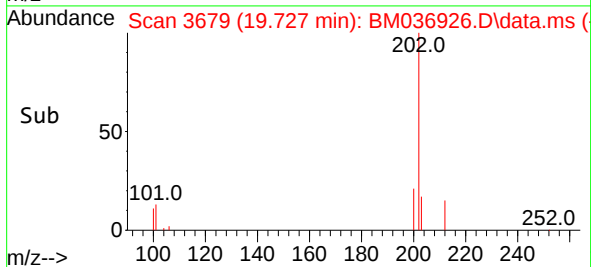
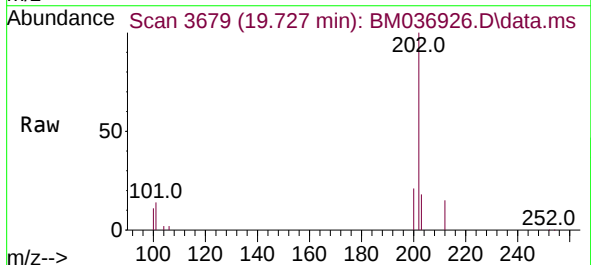
Manual Integrations
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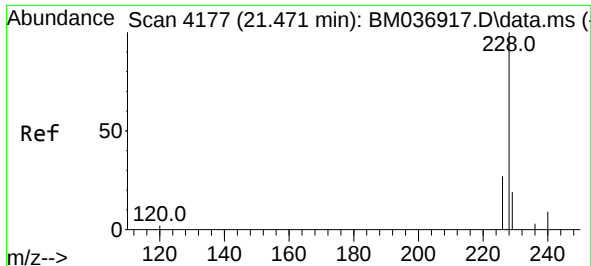
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#20
Pyrene
Concen: 0.912 ng/ul m
RT: 19.727 min Scan# 3679
Delta R.T. -0.005 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

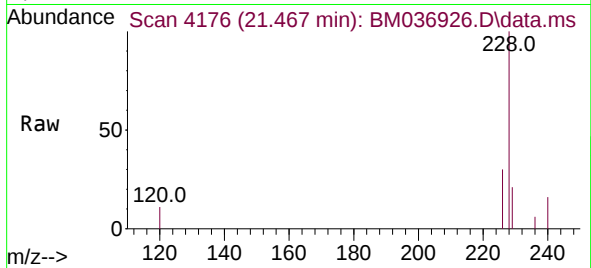
Tgt Ion:202 Resp: 80723
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.467 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

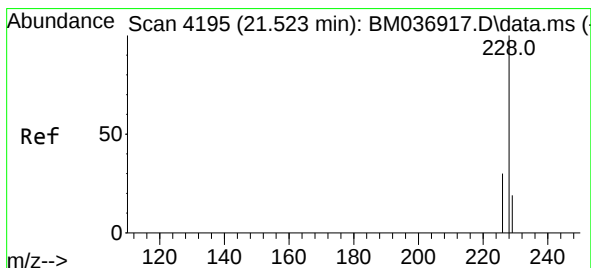
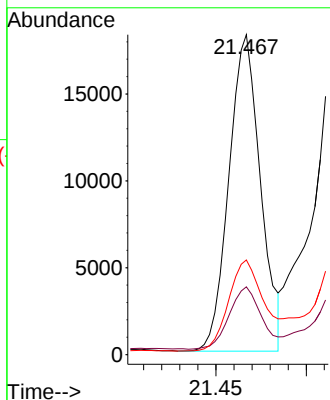
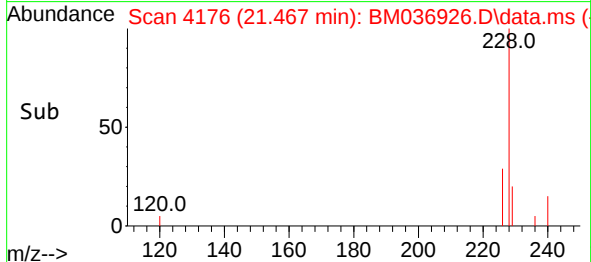
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:228 Resp: 22147
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 29.6 22.5 33.7

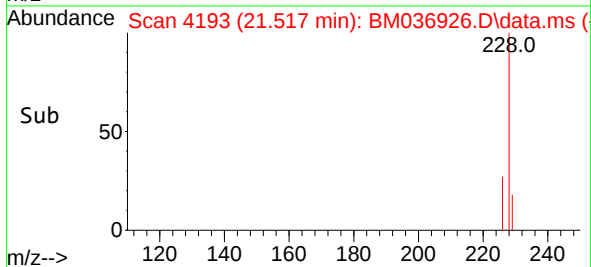
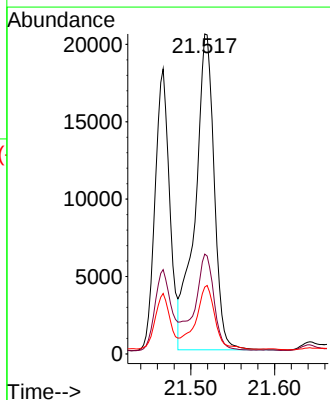
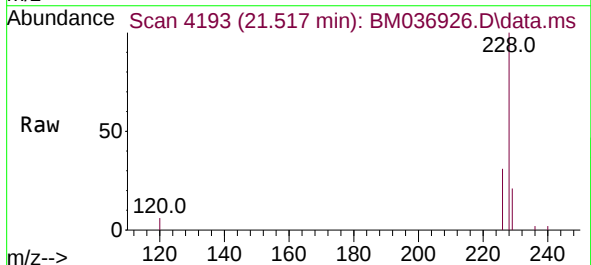
Manual Integrations
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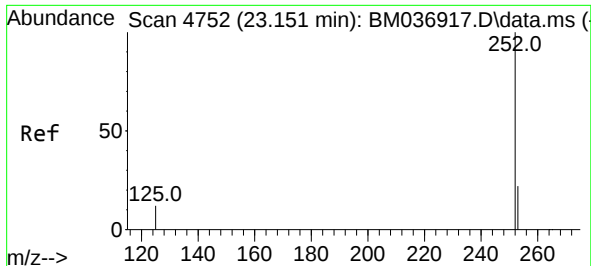
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.009 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

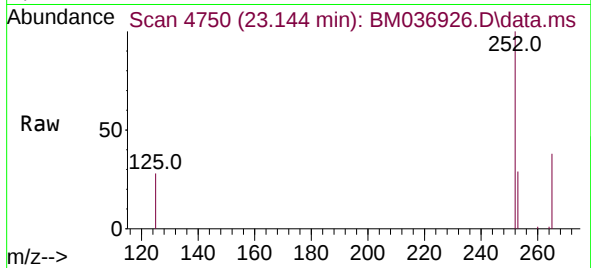
Tgt Ion:228 Resp: 32300
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.476 ng/ul
RT: 23.144 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

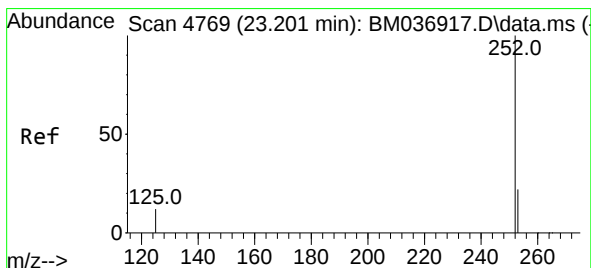
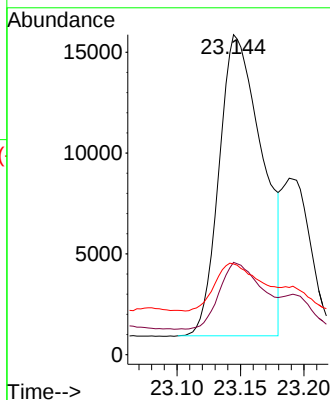
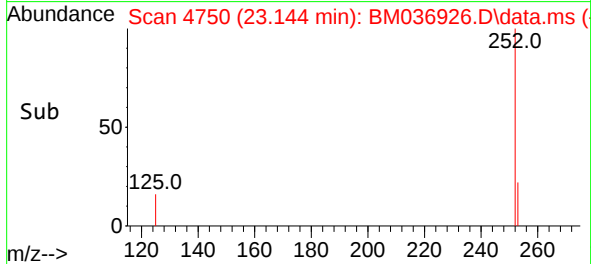
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:252 Resp: 35359
Ion Ratio Lower Upper
252 100
253 28.8 0.0 61.4
125 28.3 0.0 42.6

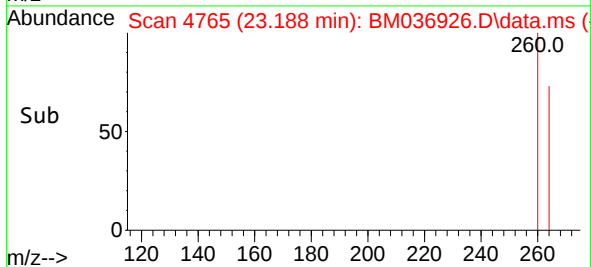
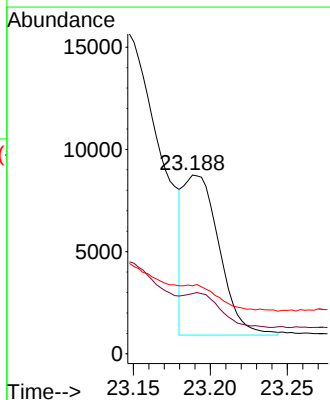
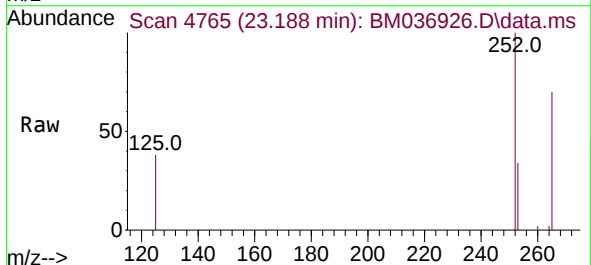
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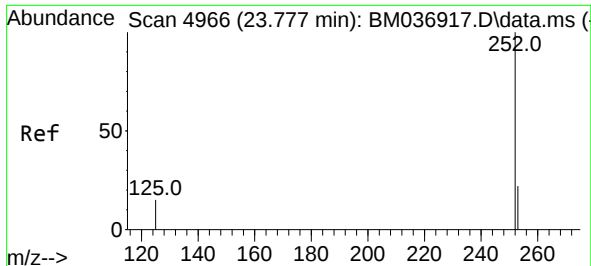
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#25
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 23.188 min Scan# 4765
Delta R.T. -0.015 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

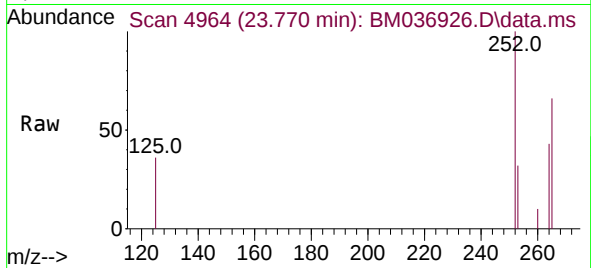
Tgt Ion:252 Resp: 12669
Ion Ratio Lower Upper
252 100
253 33.7 25.2 37.8
125 38.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 23.770 min Scan# 4966
Delta R.T. -0.012 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

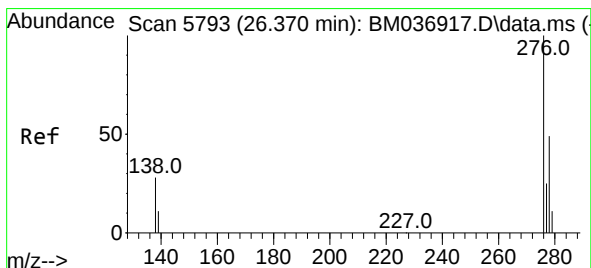
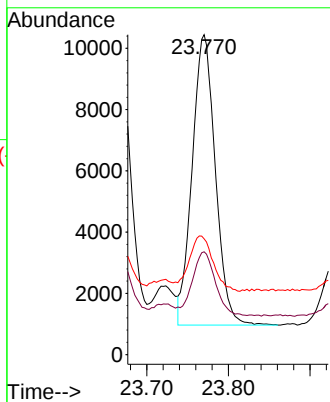
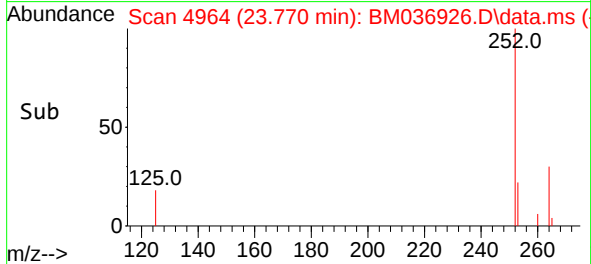
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:252 Resp: 18670
Ion Ratio Lower Upper
252 100
253 32.1 29.7 44.5
125 36.2 23.6 35.4

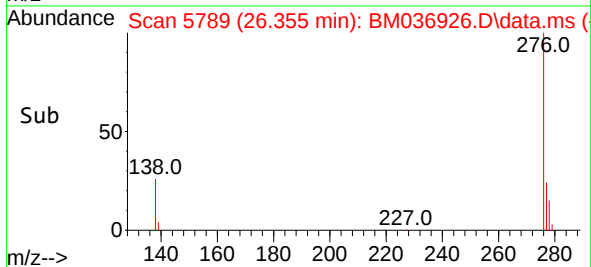
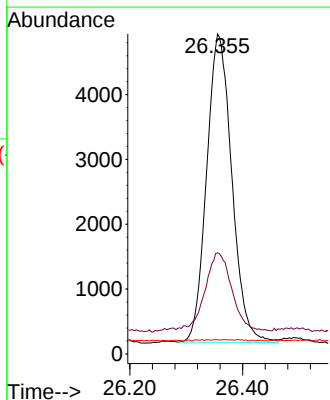
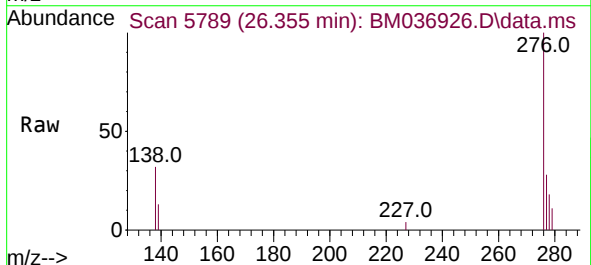
Manual Integrations
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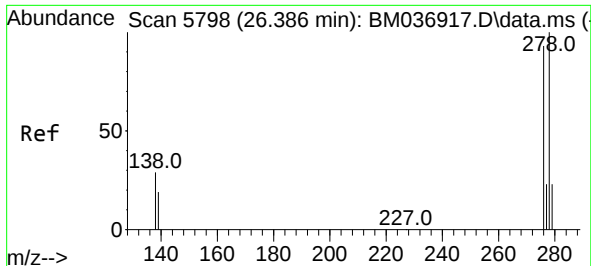
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 26.355 min Scan# 5789
Delta R.T. -0.027 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

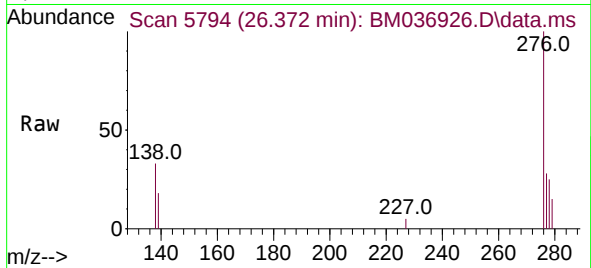
Tgt Ion:276 Resp: 14740
Ion Ratio Lower Upper
276 100
138 27.2 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.372 min Scan# 5798
Delta R.T. -0.027 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

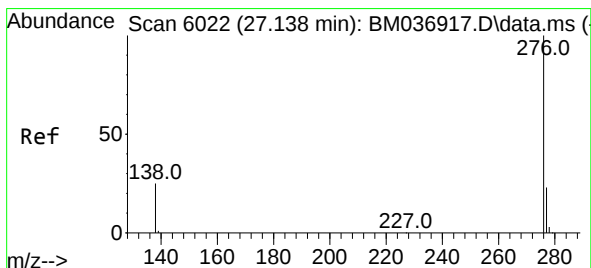
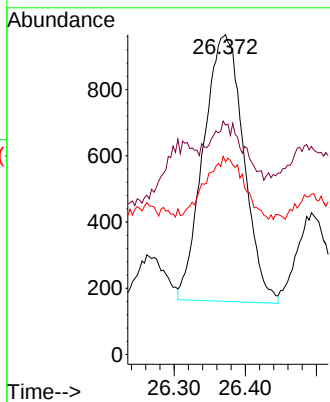
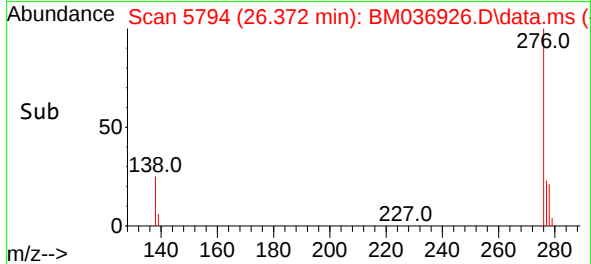
Instrument :
BNA_M
ClientSampleId :
C0BE7



Tgt Ion:278 Resp: 3156
Ion Ratio Lower Upper
278 100
139 71.7 19.8 29.6
279 60.2 27.7 41.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.023 min
Lab File: BM036926.D
Acq: 11 Oct 2022 02:41

Tgt Ion:276 Resp: 13147
Ion Ratio Lower Upper
276 100
138 33.4 23.4 35.0
277 27.5 21.0 31.4

