

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
 Data File : BM034636.D
 Acq On : 13 Apr 2022 00:45
 Operator : CG/JU
 Sample : N2319-14MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YB2J1MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:11:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 12 15:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	1739	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.705	136	5741	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.530	164	3250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.280	188	5088	0.400	ng/ul	0.00
17) Chrysene-d12	21.458	240	4704	0.400	ng/ul	#-0.01
23) Perylene-d12	23.840	264	3747	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	4959	1.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2932	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.299	212	6911	0.505	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.294	88	2477m	0.830	ng/ul	
5) Naphthalene	10.755	128	6159	0.371	ng/ul	93
7) 2-Methylnaphthalene	12.377	142	3625	0.366	ng/ul	99
8) 1-Methylnaphthalene	12.586	142	3715	0.370	ng/ul	99
10) Acenaphthylene	14.252	152	5943	0.389	ng/ul	92
11) Acenaphthene	14.594	153	4268	0.350	ng/ul	96
12) Fluorene	15.584	166	4669	0.372	ng/ul	98
14) Pentachlorophenol	16.938	266	1588	0.805	ng/ul	97
15) Phenanthrene	17.322	178	6885	0.419	ng/ul	98
16) Anthracene	17.424	178	3475	0.277	ng/ul	100
19) Fluoranthene	19.332	202	8907	0.458	ng/ul	98
20) Pyrene	19.694	202	10394	0.453	ng/ul#	95
21) Benzo(a)anthracene	21.443	228	4193m	0.427	ng/ul	
22) Chrysene	21.493	228	5705	0.460	ng/ul	99
24) Benzo(b)fluoranthene	23.109	252	5780m	0.470	ng/ul	
25) Benzo(k)fluoranthene	23.159	252	5369	0.435	ng/ul#	88
26) Benzo(a)pyrene	23.738	252	6661	0.471	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.325	276	8073	0.430	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.359	278	5946	0.437	ng/ul#	76
29) Benzo(g,h,i)perylene	27.073	276	9094	0.445	ng/ul	97

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

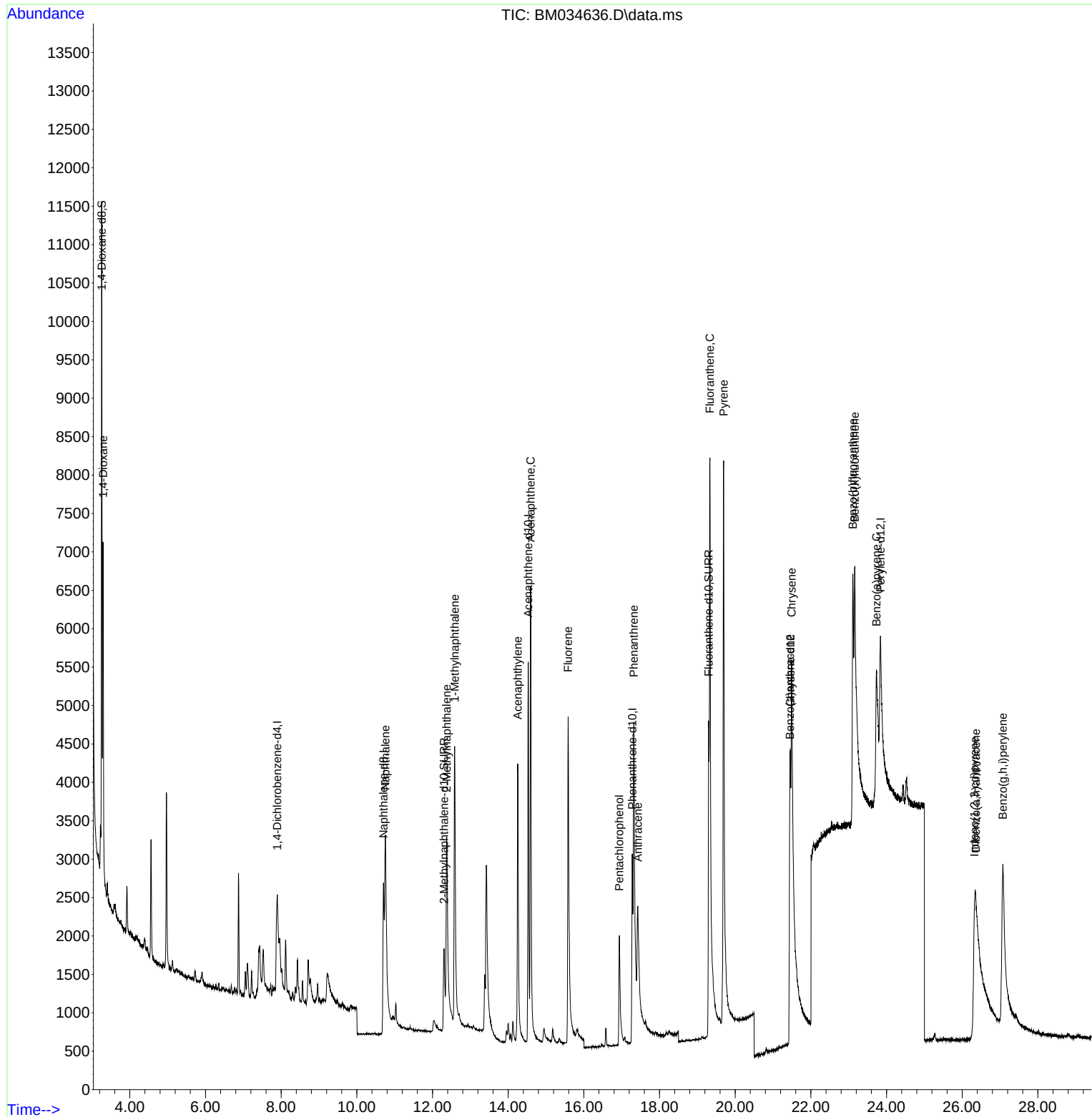
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034636.D
Acq On : 13 Apr 2022 00:45
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Instrument :
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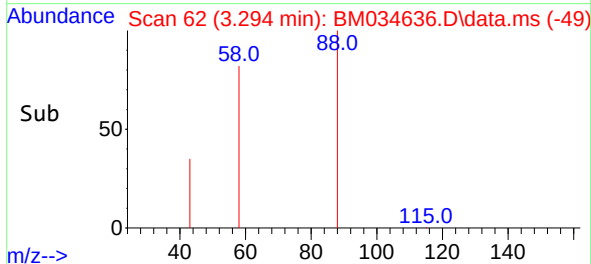
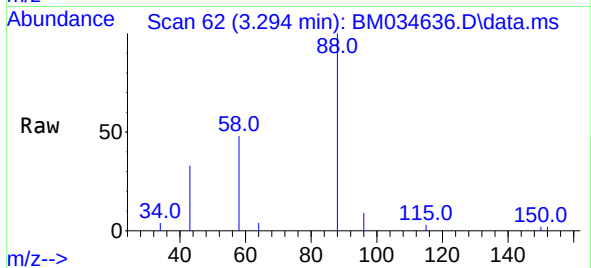
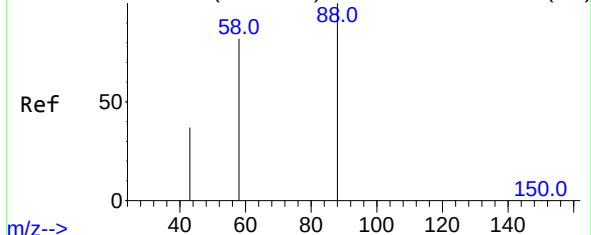
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:11:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
Response via : Initial Calibration



Abundance Scan 62 (3.294 min): BM034630.D\data.ms (-56)



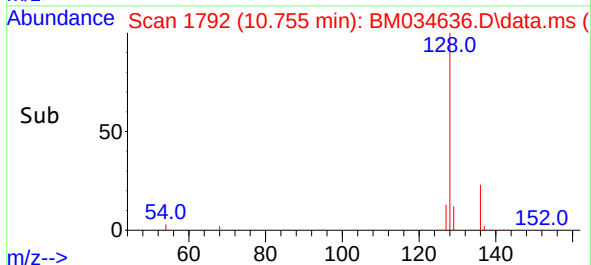
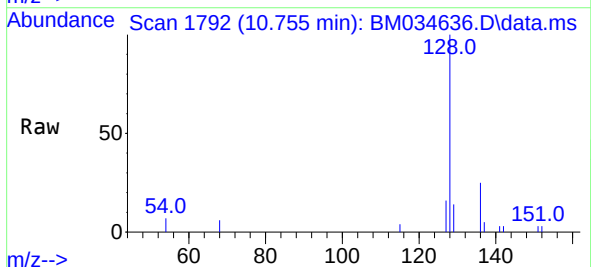
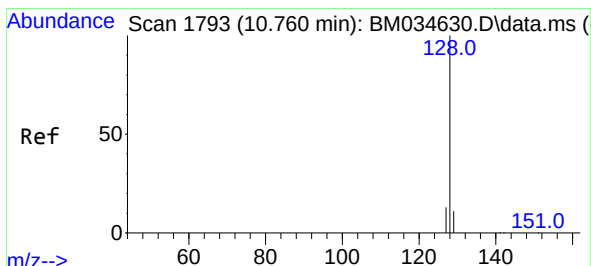
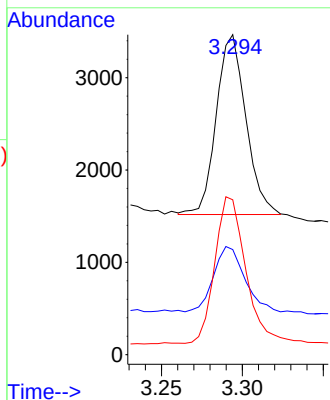
#2
1,4-Dioxane
Concen: 0.830 ng/ul m
RT: 3.294 min Scan# 61
Delta R.T. 0.004 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

Instrument :
BNA_M
ClientSampleId :
YB2J1MS

Tgt Ion: 88 Resp: 247
Ion Ratio Lower Upper
88 100
43 32.8 49.7 74.5
58 48.4 52.5 78.7

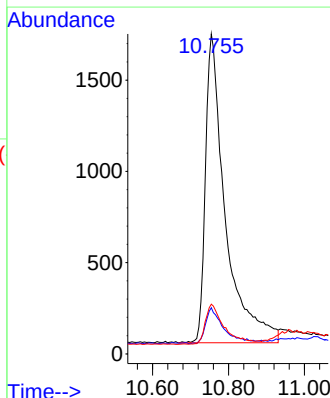
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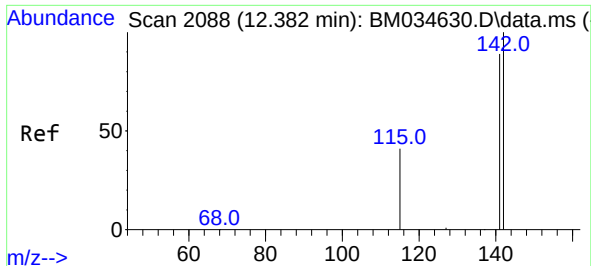
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.755 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

Tgt Ion:128 Resp: 6159
Ion Ratio Lower Upper
128 100
129 14.4 13.4 20.2
127 15.5 15.2 22.8





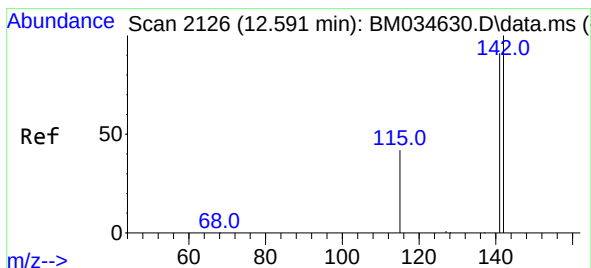
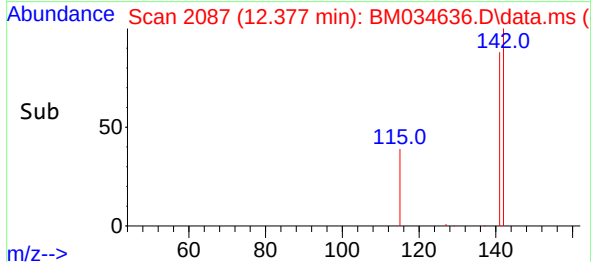
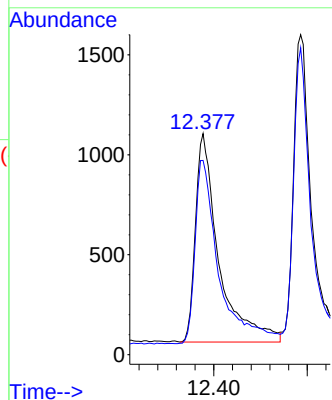
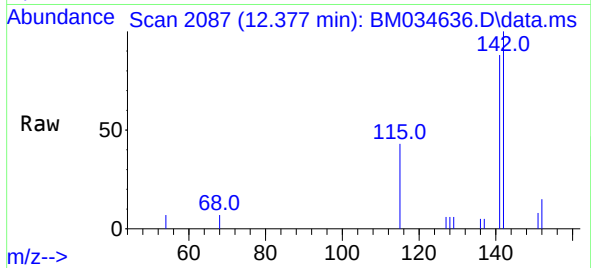
#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.377 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

Instrument :
BNA_M
ClientSampleId :
YB2J1MS

Tgt Ion:142 Resp: 3625
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6

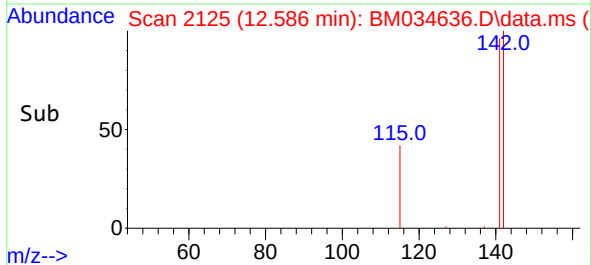
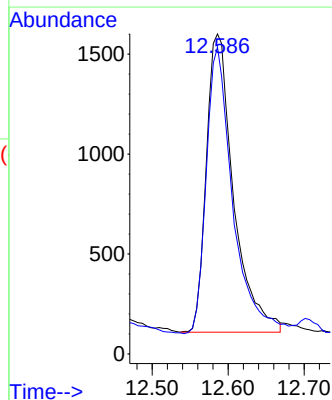
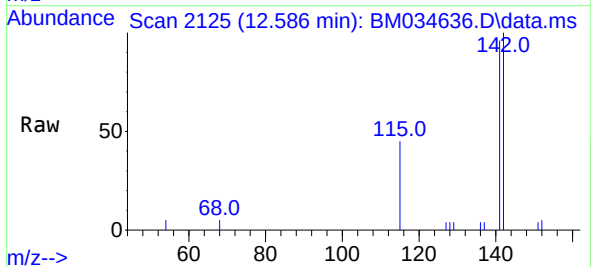
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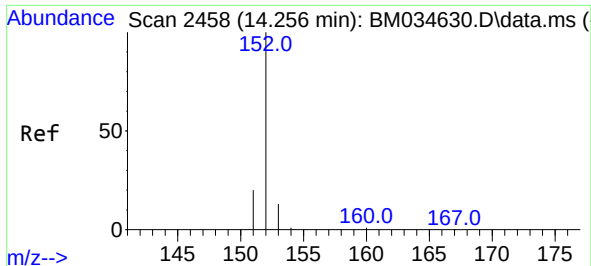
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.586 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

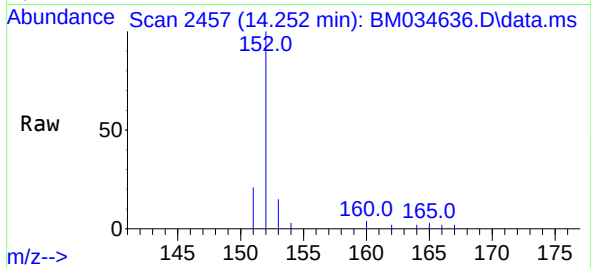
Tgt Ion:142 Resp: 3715
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4





#10
Acenaphthylene
Concen: 0.389 ng/u1
RT: 14.252 min Scan# 2458
Delta R.T. -0.004 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

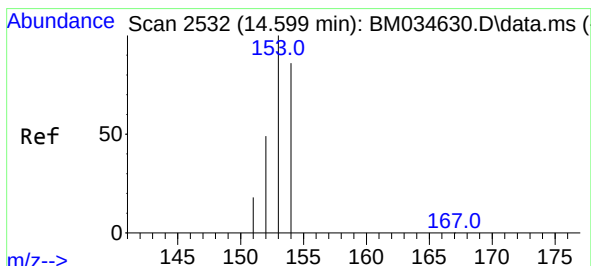
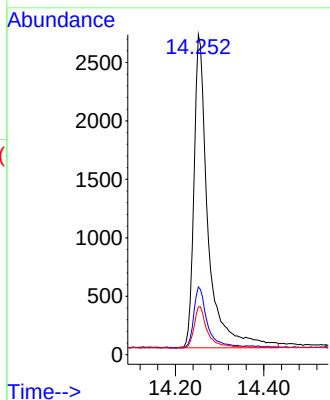
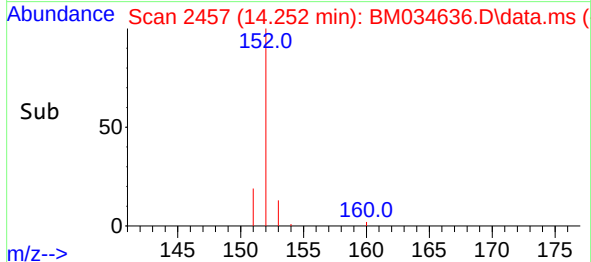
Instrument :
BNA_M
ClientSampleId :
YB2J1MS



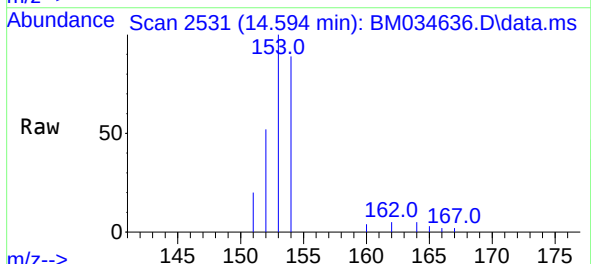
Tgt Ion:152 Resp: 594
Ion Ratio Lower Upper
152 100
151 21.2 19.9 29.9
153 15.0 15.0 22.4

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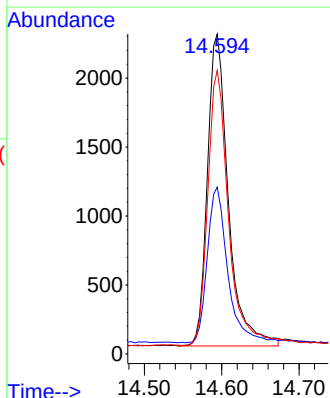
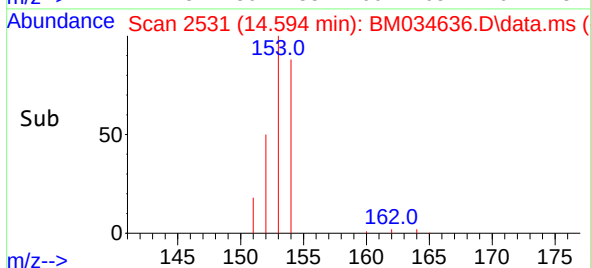
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

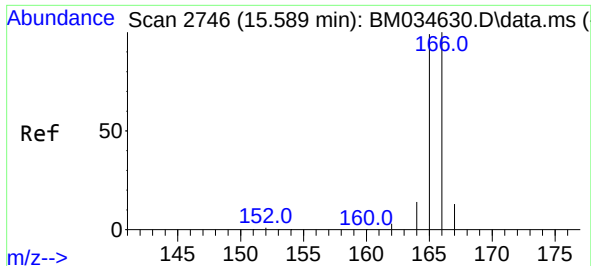


#11
Acenaphthene
Concen: 0.350 ng/u1
RT: 14.594 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45



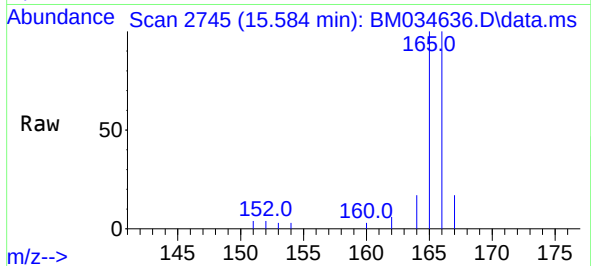
Tgt Ion:153 Resp: 4268
Ion Ratio Lower Upper
153 100
152 52.2 42.4 63.6
154 88.6 66.2 99.2





#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.584 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

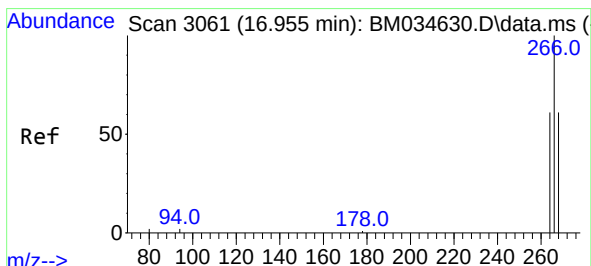
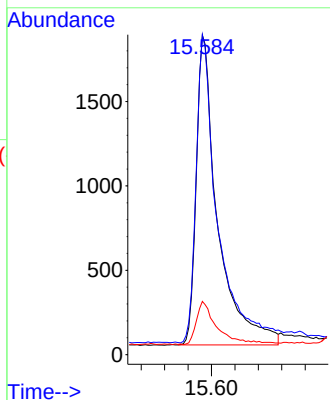
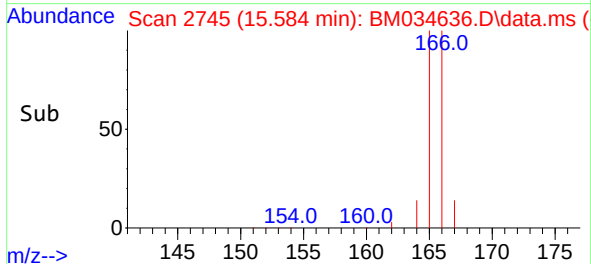
Instrument :
BNA_M
ClientSampleId :
YB2J1MS



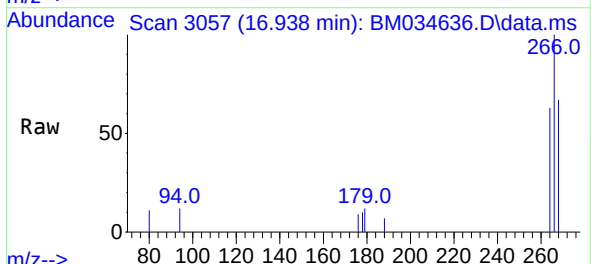
Tgt Ion:166 Resp: 466
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 16.7 14.9 22.3

Manual Integrations
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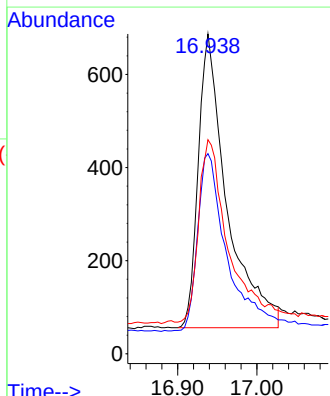
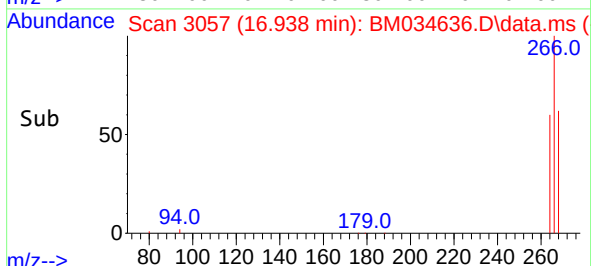
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

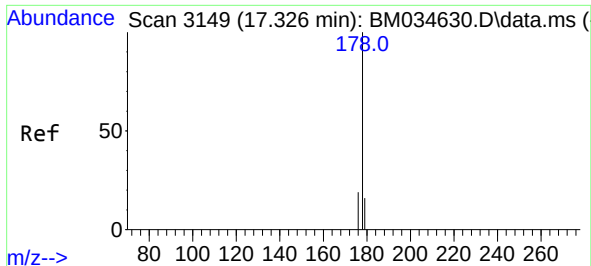


#14
Pentachlorophenol
Concen: 0.805 ng/ul
RT: 16.938 min Scan# 3057
Delta R.T. -0.008 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45



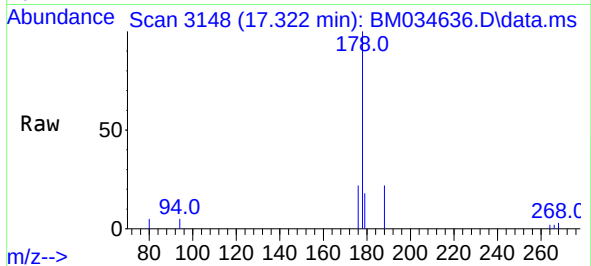
Tgt Ion:266 Resp: 1588
Ion Ratio Lower Upper
266 100
264 61.8 51.4 77.0
268 63.8 53.1 79.7





#15
Phenanthrene
Concen: 0.419 ng/u1
RT: 17.322 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

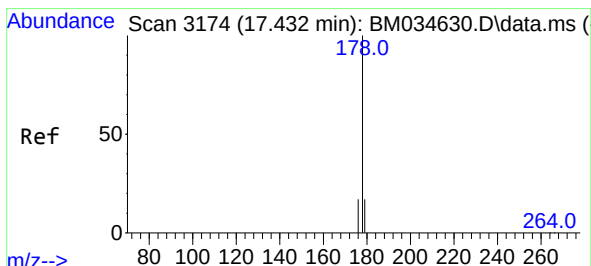
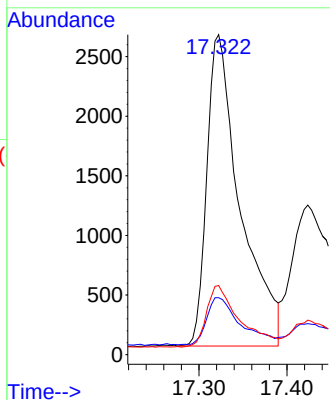
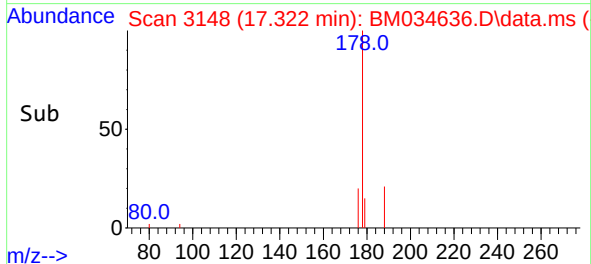
Instrument :
BNA_M
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YB2J1MS



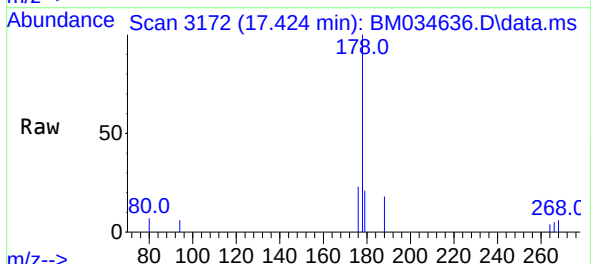
Tgt Ion:178 Resp: 6885
Ion Ratio Lower Upper
178 100
179 17.8 15.0 22.6
176 21.6 17.9 26.9

Manual Integrations
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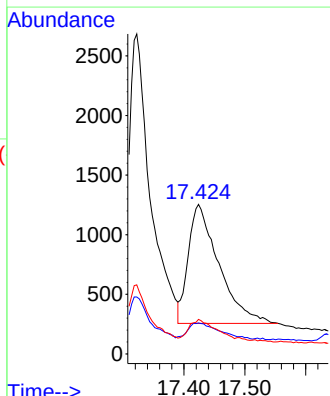
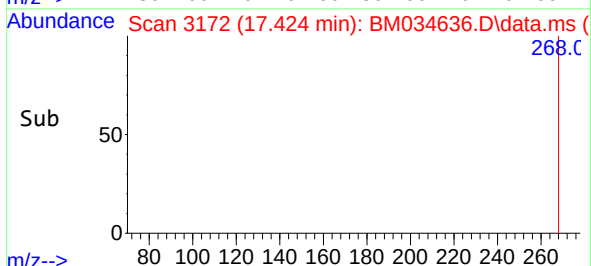
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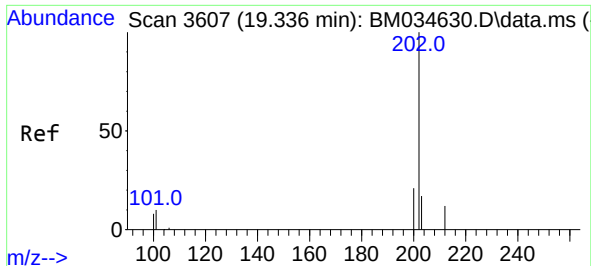


#16
Anthracene
Concen: 0.277 ng/u1
RT: 17.424 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45



Tgt Ion:178 Resp: 3475
Ion Ratio Lower Upper
178 100
179 20.7 16.5 24.7
176 23.1 18.3 27.5





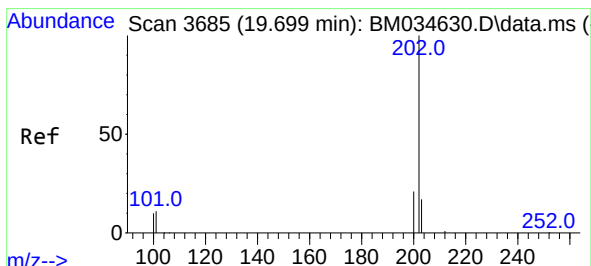
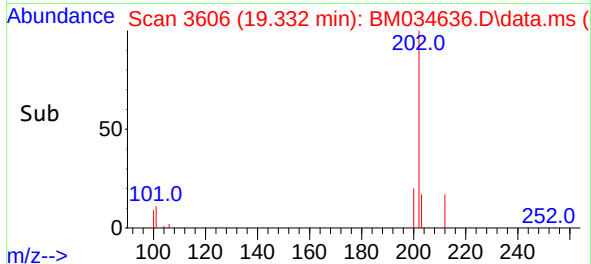
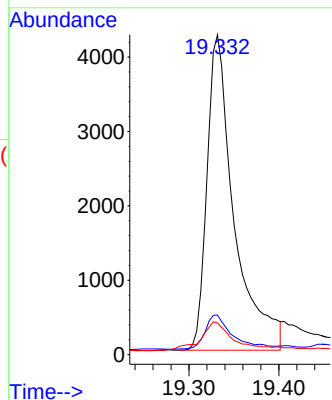
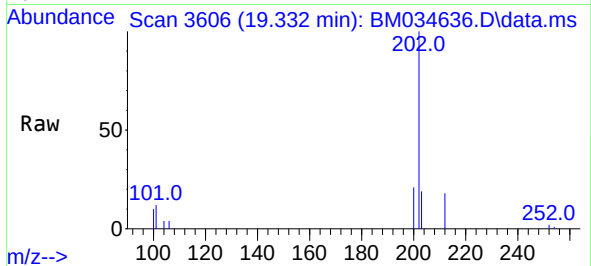
#19
Fluoranthene
Concen: 0.458 ng/u1
RT: 19.332 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

Instrument :
BNA_M
ClientSampleId :
YB2J1MS

Tgt Ion:	202	Resp:	890
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.2	13.8
100	9.9	7.2	10.8

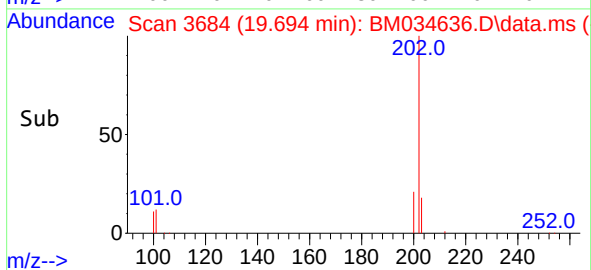
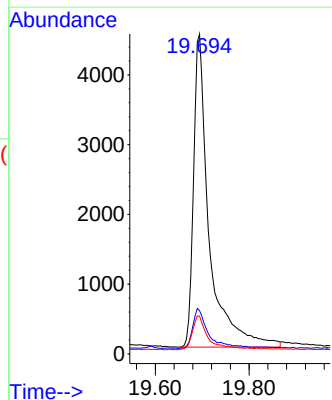
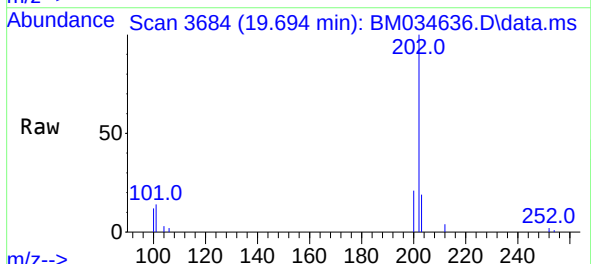
Manual Integrations
APPROVED

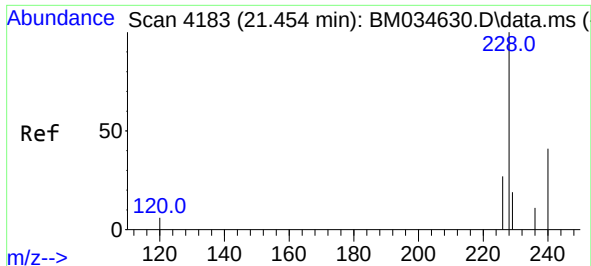
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#20
Pyrene
Concen: 0.453 ng/u1
RT: 19.694 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

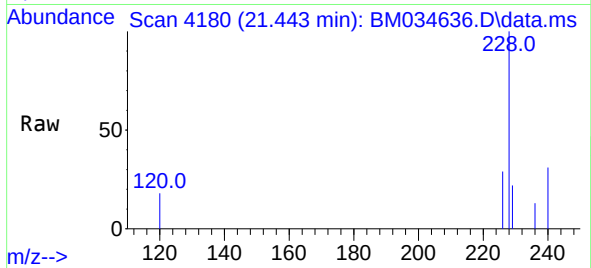
Tgt Ion:	202	Resp:	10394
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.3	13.9
100	11.8	7.8	11.6#





#21
Benzo(a)anthracene
Concen: 0.427 ng/ul m
RT: 21.443 min Scan# 419
Delta R.T. -0.010 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

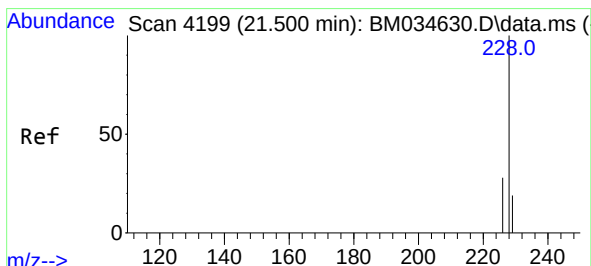
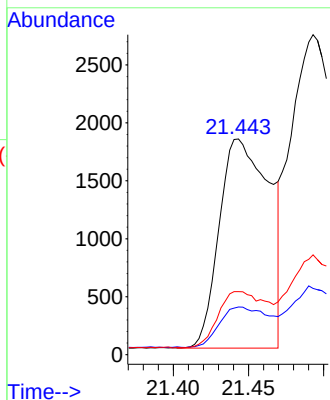
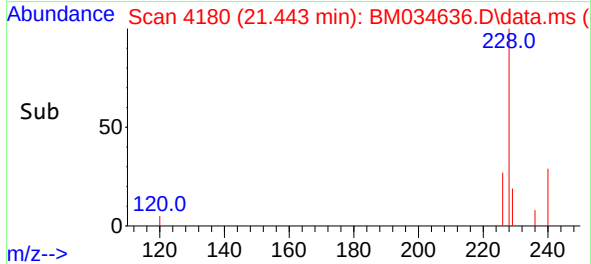
Instrument :
BNA_M
ClientSampleId :
YB2J1MS



Tgt Ion:228 Resp: 419
Ion Ratio Lower Upper
228 100
229 22.1 17.3 25.9
226 29.2 23.2 34.8

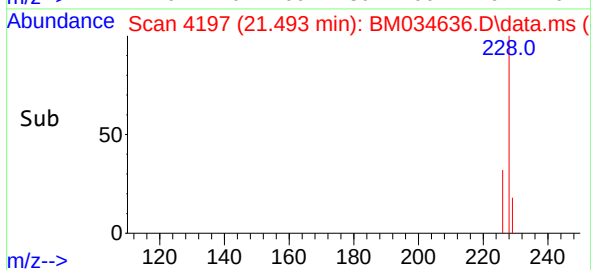
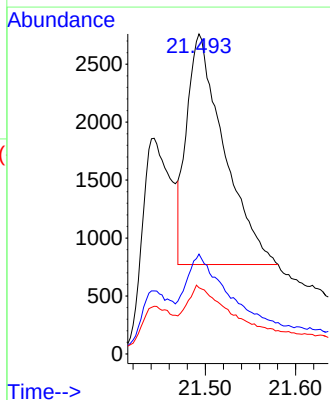
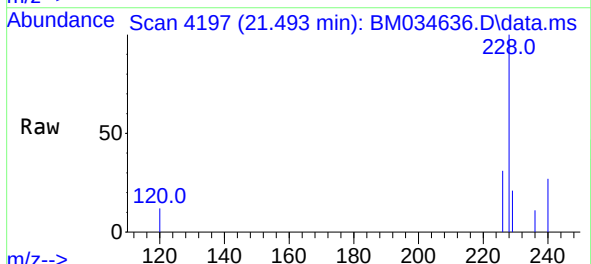
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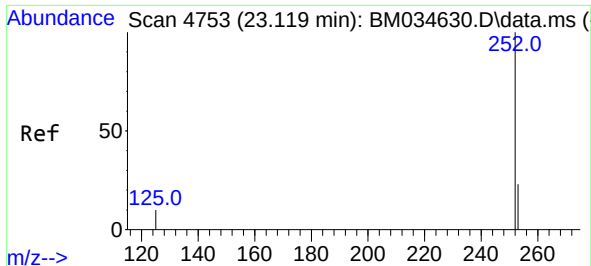
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.493 min Scan# 4197
Delta R.T. -0.010 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

Tgt Ion:228 Resp: 5705
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 20.7 16.7 25.1





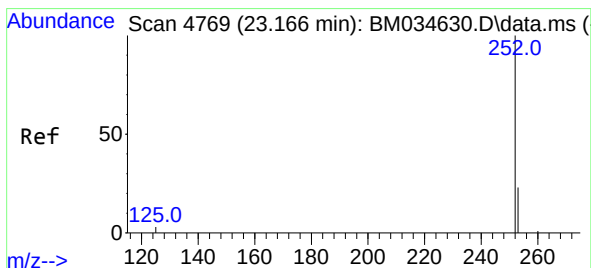
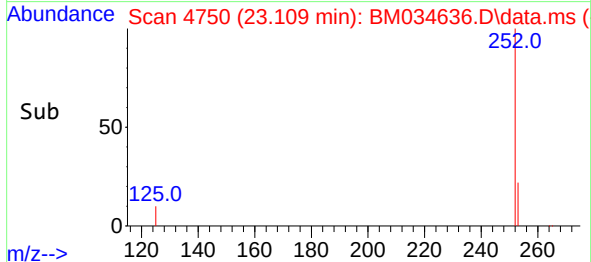
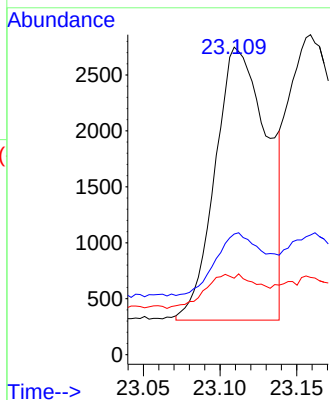
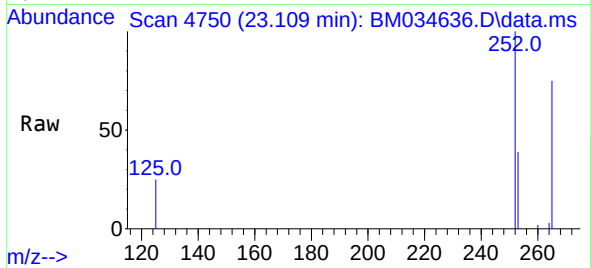
#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul m
RT: 23.109 min Scan# 4753
Delta R.T. -0.010 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

Instrument :
BNA_M
ClientSampleId :
YB2J1MS

Tgt Ion:252 Resp: 5780
Ion Ratio Lower Upper
252 100
253 39.2 0.0 64.2
125 24.9 0.0 28.8

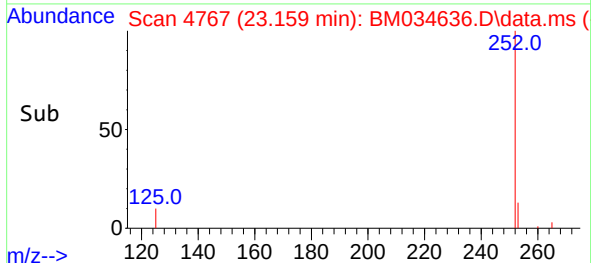
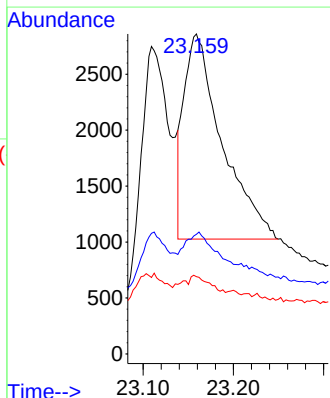
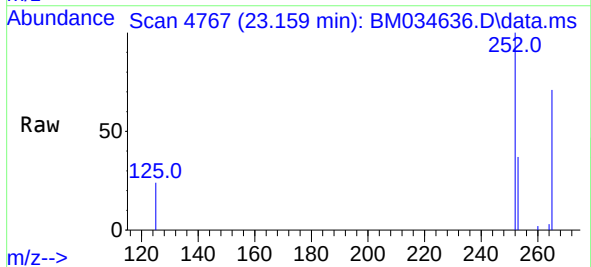
Manual Integrations
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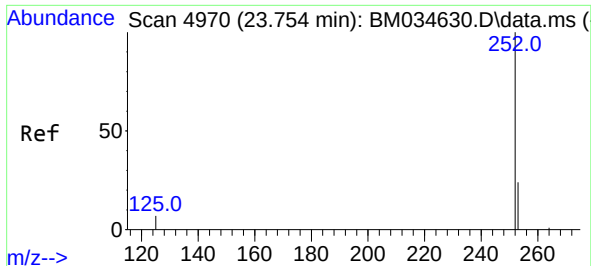
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.159 min Scan# 4767
Delta R.T. -0.010 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

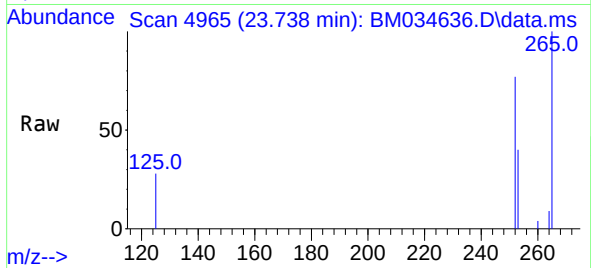
Tgt Ion:252 Resp: 5369
Ion Ratio Lower Upper
252 100
253 37.4 26.8 40.2
125 24.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.738 min Scan# 4970
Delta R.T. -0.016 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

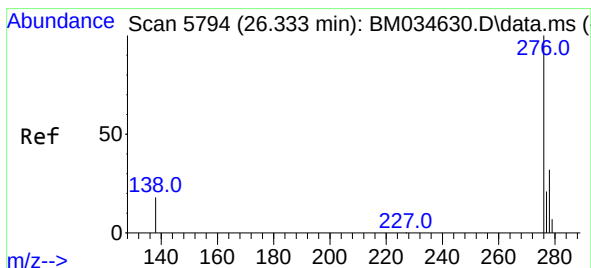
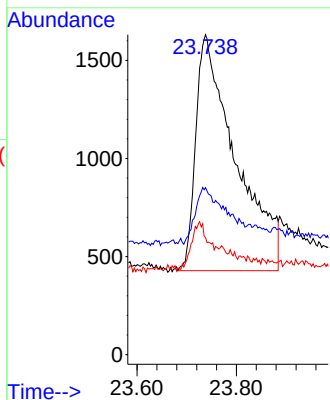
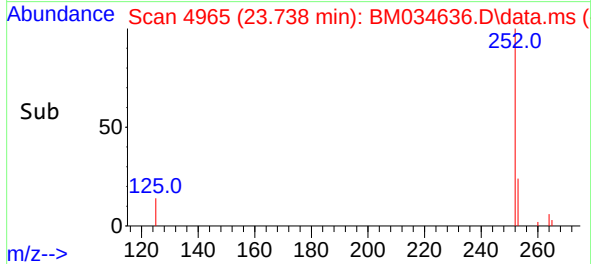
Instrument :
BNA_M
ClientSampleId :
YB2J1MS



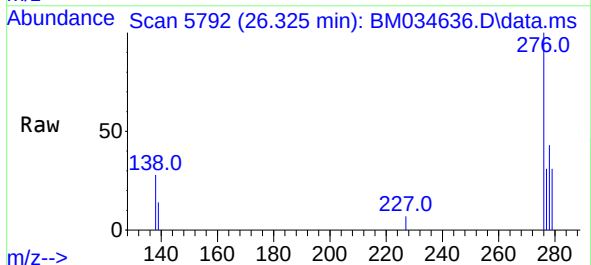
Tgt Ion:252 Resp: 666
Ion Ratio Lower Upper
252 100
253 52.2 32.0 48.0
125 36.6 14.5 21.7

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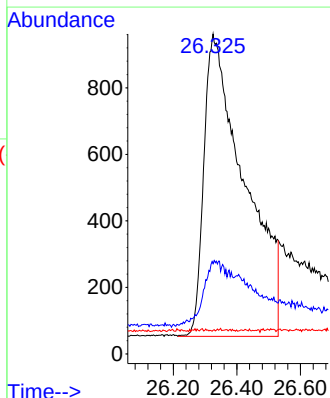
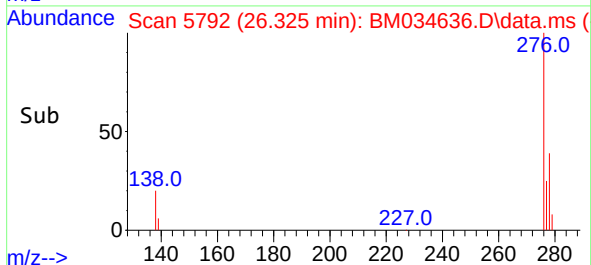
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

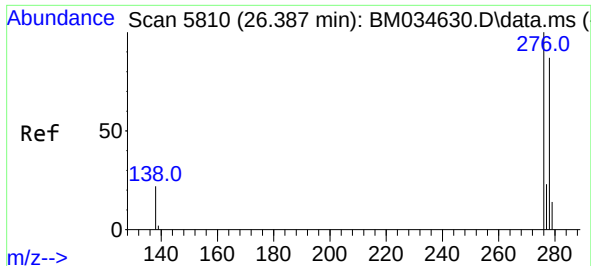


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng/ul
RT: 26.325 min Scan# 5792
Delta R.T. -0.022 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45



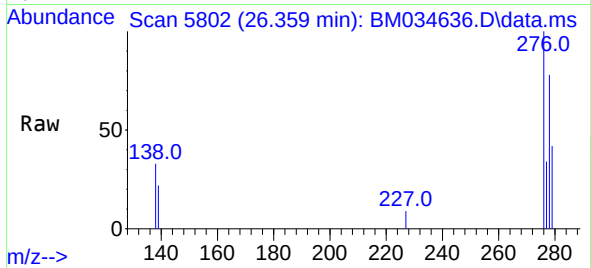
Tgt Ion:276 Resp: 8073
Ion Ratio Lower Upper
276 100
138 21.8 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 26.359 min Scan# 5802
Delta R.T. -0.028 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45

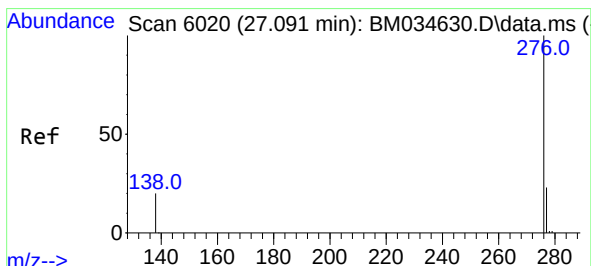
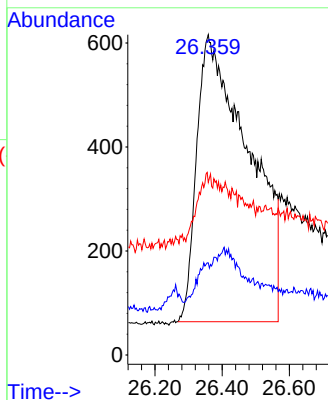
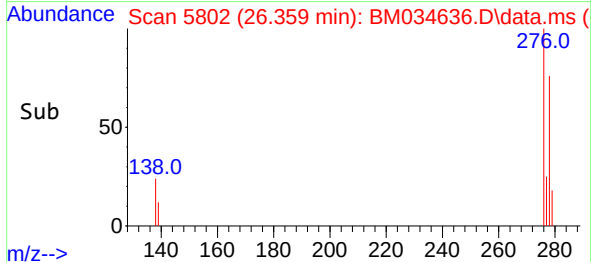
Instrument :
BNA_M
ClientSampleId :
YB2J1MS



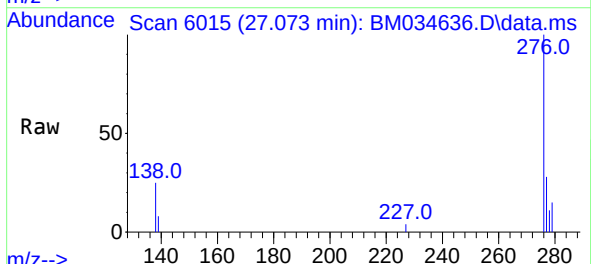
Tgt Ion:278 Resp: 5940
Ion Ratio Lower Upper
278 100
139 28.7 18.0 27.0
279 53.9 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 27.073 min Scan# 6015
Delta R.T. -0.022 min
Lab File: BM034636.D
Acq: 13 Apr 2022 00:45



Tgt Ion:276 Resp: 9094
Ion Ratio Lower Upper
276 100
138 24.7 17.4 26.0
277 27.7 22.6 33.8

