

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033820.D
 Acq On : 21 Jan 2022 12:22
 Operator : CG/JU
 Sample : N1129-04MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBLZ8MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 23:36:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3523	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	13568	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	7488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	14751	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	8517	0.400	ng/ul #	0.00
23) Perylene-d12	23.875	264	8011	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	1147	0.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	3979	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	7247	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	3675	0.898	ng/ul#	82
5) Naphthalene	10.810	128	13680	0.348	ng/ul#	88
7) 2-Methylnaphthalene	12.420	142	7870	0.312	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	7535	0.304	ng/ul	100
10) Acenaphthylene	14.303	152	10828	0.313	ng/ul#	91
11) Acenaphthene	14.644	153	12559	0.455	ng/ul	94
12) Fluorene	15.626	166	11544	0.350	ng/ul#	94
14) Pentachlorophenol	16.969	266	1800	0.309	ng/ul	99
15) Phenanthrene	17.358	178	128449	2.689	ng/ul	93
16) Anthracene	17.448	178	34046	0.777	ng/ul#	91
19) Fluoranthene	19.365	202	227372	5.692	ng/ul	100
20) Pyrene	19.727	202	187401	4.637	ng/ul	98
21) Benzo(a)anthracene	21.463	228	88909	2.513	ng/ul	98
22) Chrysene	21.514	228	86118	2.381	ng/ul	98
24) Benzo(b)fluoranthene	23.146	252	109468m	3.119	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	44272m	1.286	ng/ul	
26) Benzo(a)pyrene	23.771	252	75448	2.473	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.380	276	58695	1.478	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.395	278	19666	0.623	ng/ul	93
29) Benzo(g,h,i)perylene	27.151	276	53098	1.556	ng/ul	95

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

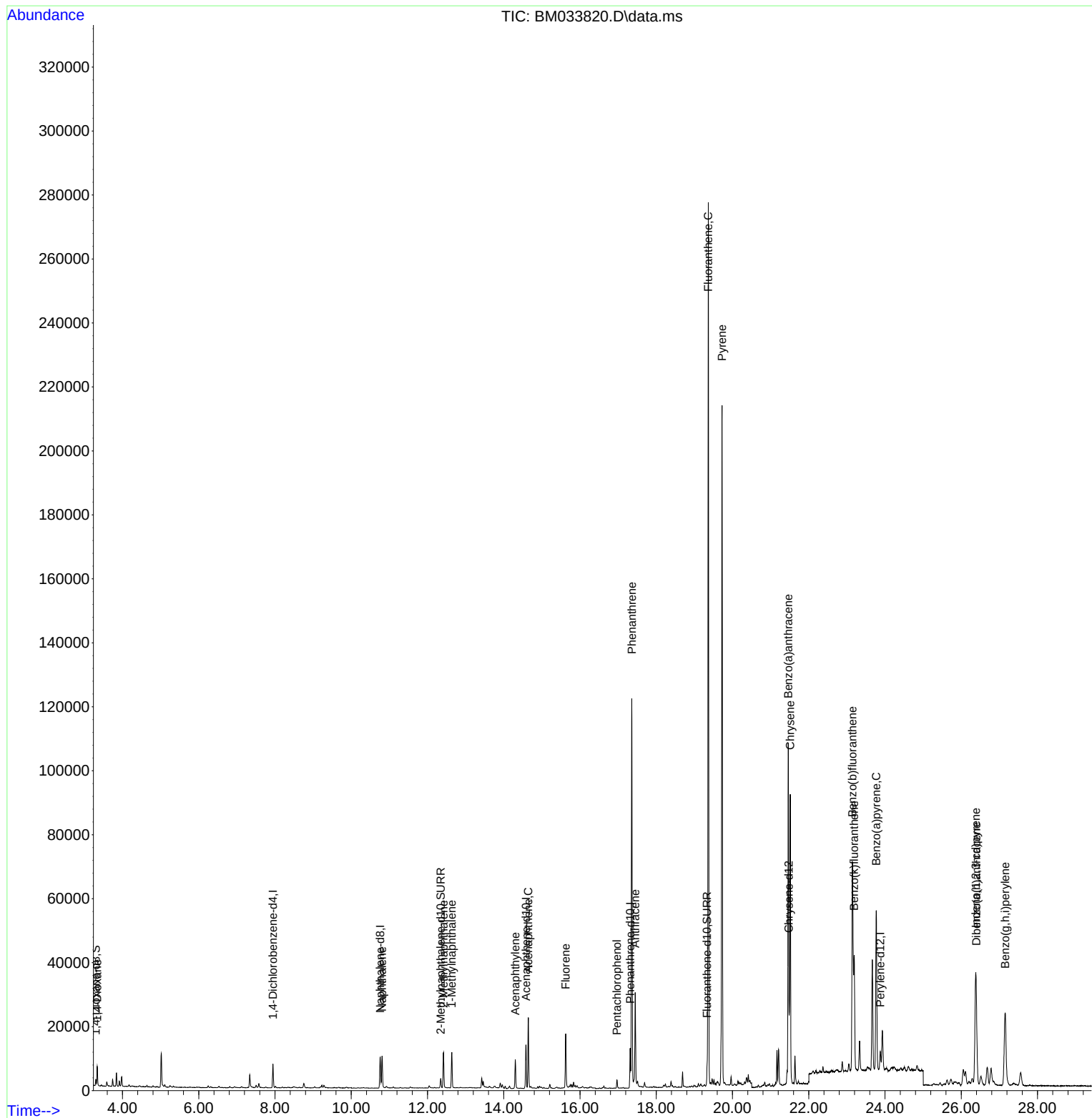
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033820.D
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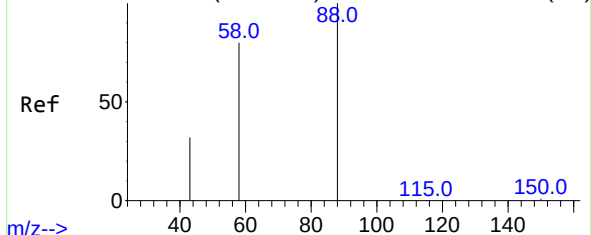
Quant Time: Jan 21 23:36:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
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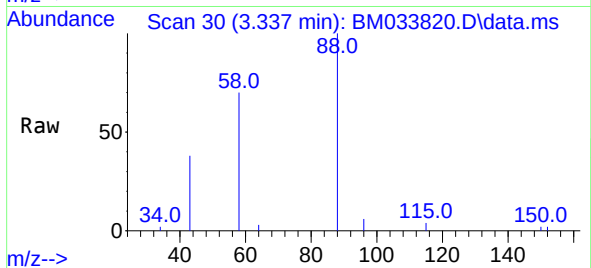


Abundance Scan 30 (3.337 min): BM033815.D\data.ms (-22)



#2
1,4-Dioxane
Concen: 0.898 ng/ul
RT: 3.337 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

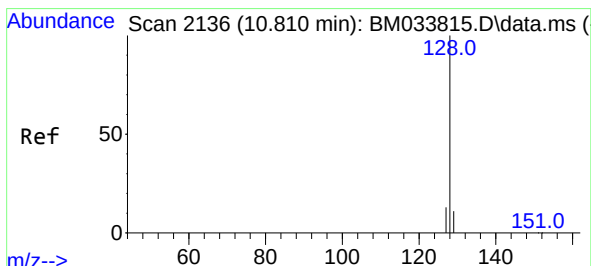
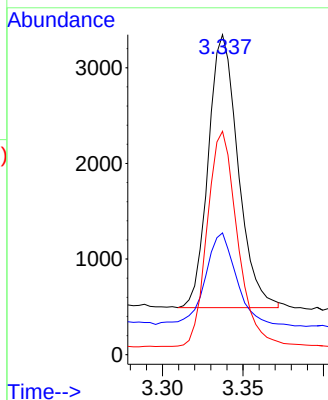
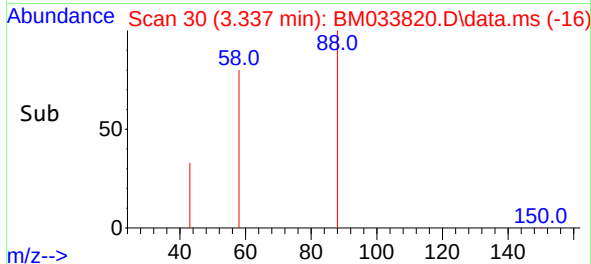
Instrument :
BNA_M
ClientSampleId :
DBLZ8MS



Tgt Ion: 88 Resp: 3675
Ion Ratio Lower Upper
88 100
43 38.1 49.7 74.5#
58 69.8 52.5 78.7

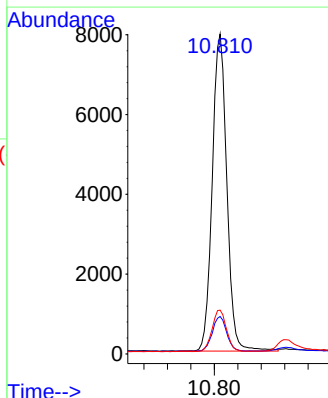
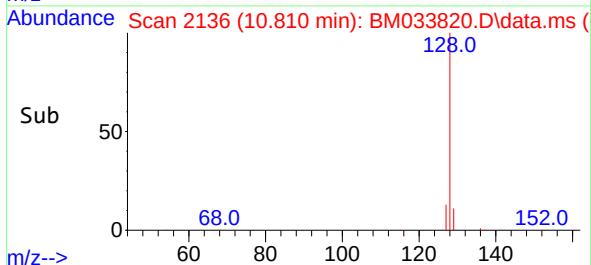
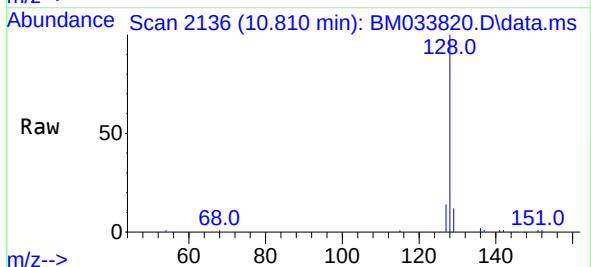
Manual Integrations
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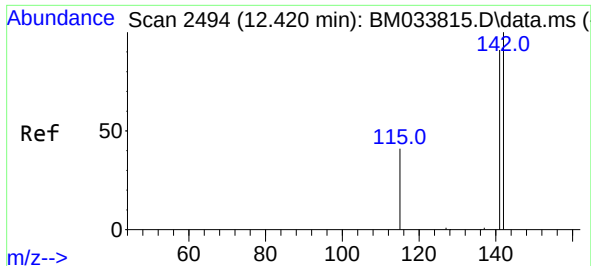
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.810 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

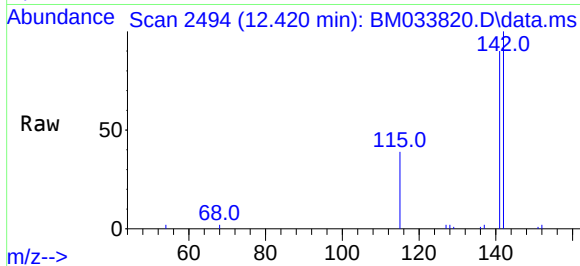
Tgt Ion:128 Resp: 13680
Ion Ratio Lower Upper
128 100
129 11.7 13.4 20.2#
127 13.7 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

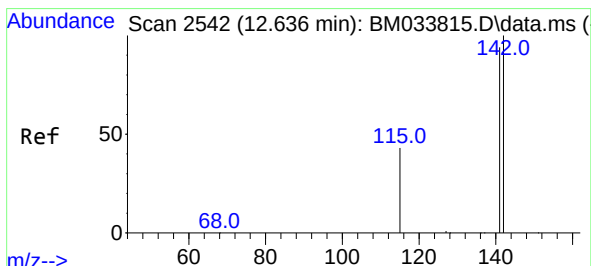
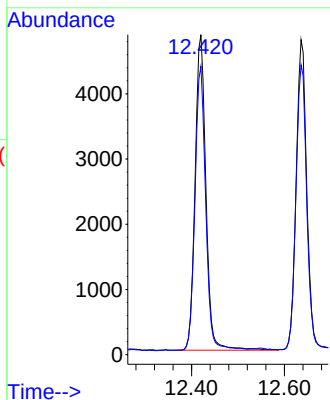
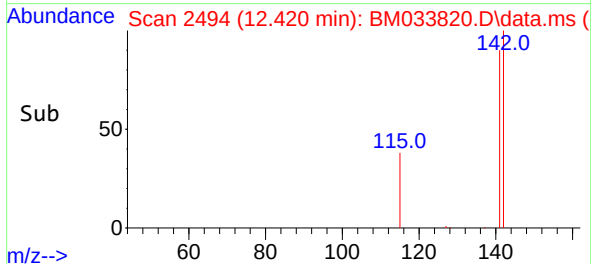
Instrument :
BNA_M
ClientSampleId :
DBLZ8MS



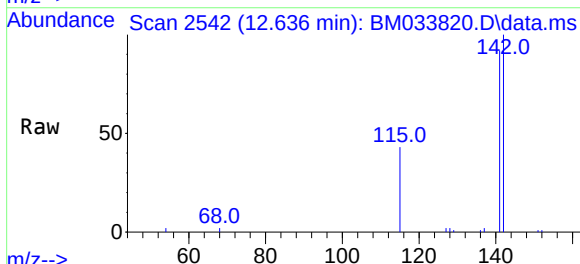
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Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6

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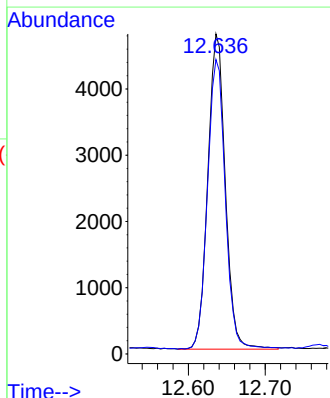
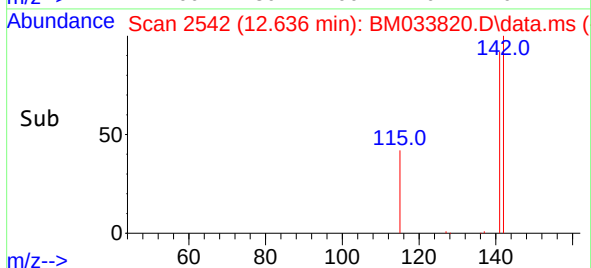
Reviewed By :Jagrut Upadhyay 01/24/2022
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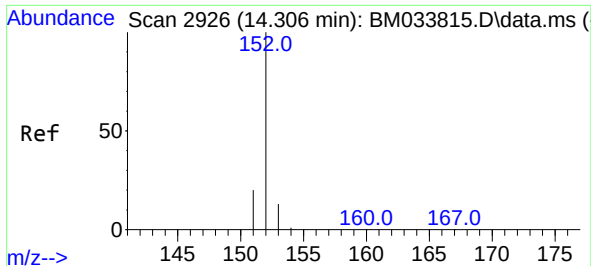


#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.004 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22



Tgt Ion:142 Resp: 7535
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4





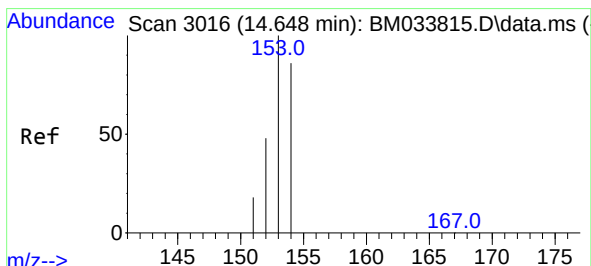
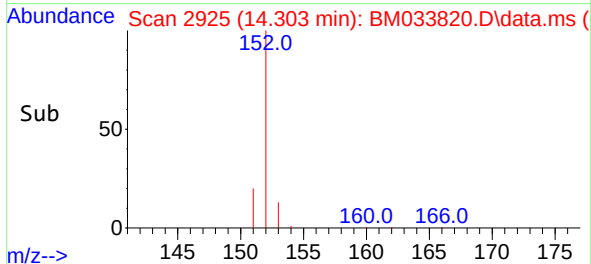
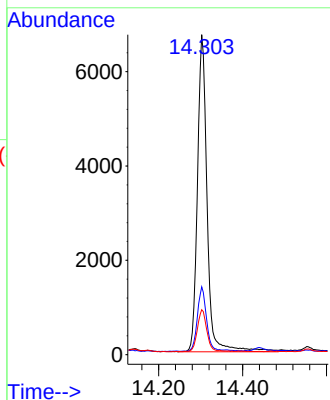
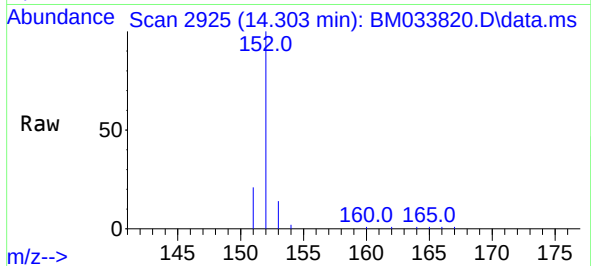
#10
Acenaphthylene
Concen: 0.313 ng/u1
RT: 14.303 min Scan# 2925
Delta R.T. -0.008 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

Instrument :
BNA_M
ClientSampleId :
DBLZ8MS

Tgt Ion:152 Resp: 10828
Ion Ratio Lower Upper
152 100
151 21.2 19.9 29.9
153 14.1 15.0 22.4

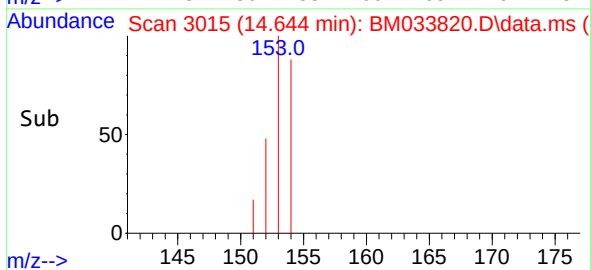
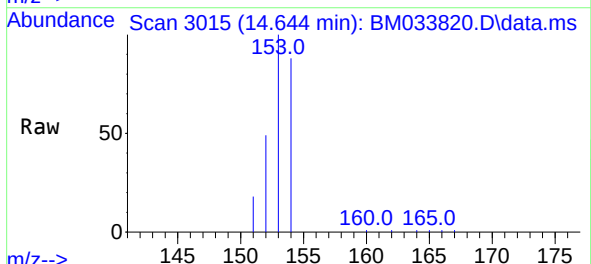
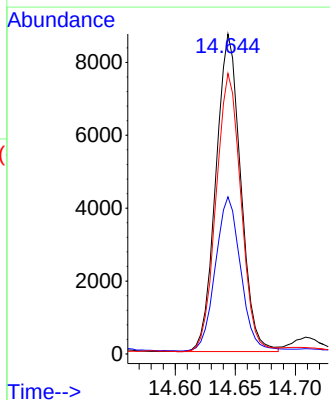
Manual Integrations
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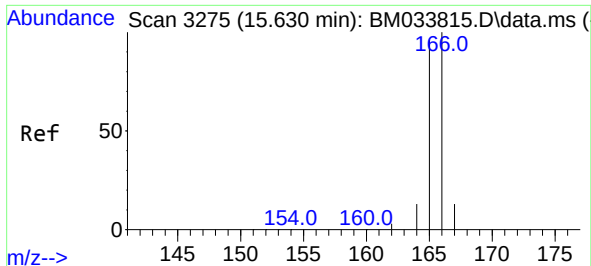
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#11
Acenaphthene
Concen: 0.455 ng/u1
RT: 14.644 min Scan# 3015
Delta R.T. -0.008 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

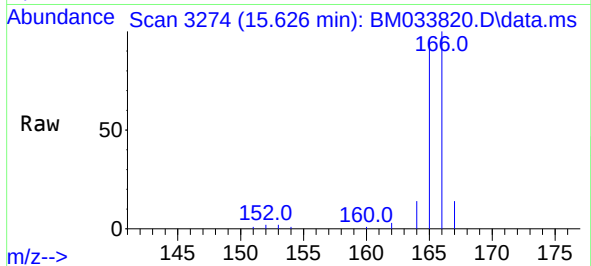
Tgt Ion:153 Resp: 12559
Ion Ratio Lower Upper
153 100
152 49.1 42.4 63.6
154 87.7 66.2 99.2





#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

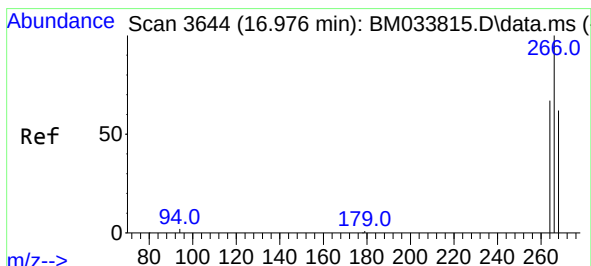
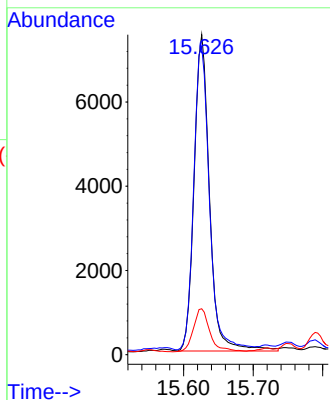
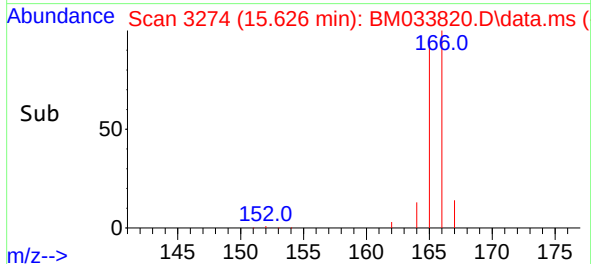
Instrument :
BNA_M
ClientSampleId :
DBLZ8MS



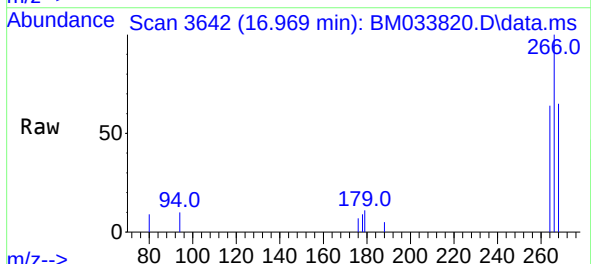
Tgt Ion:166 Resp: 11544
Ion Ratio Lower Upper
166 100
165 96.2 81.1 121.7
167 14.3 14.9 22.3

Manual Integrations
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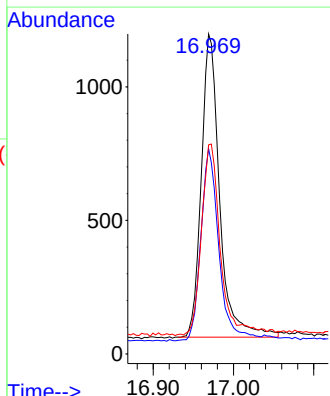
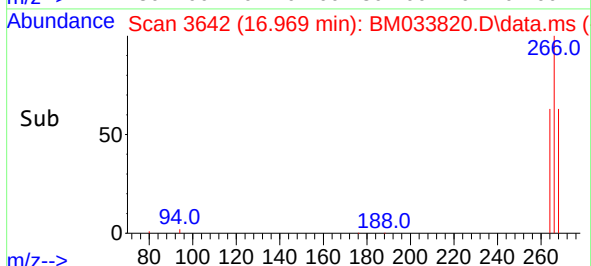
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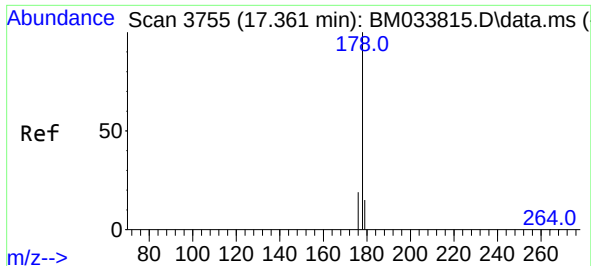


#14
Pentachlorophenol
Concen: 0.309 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22



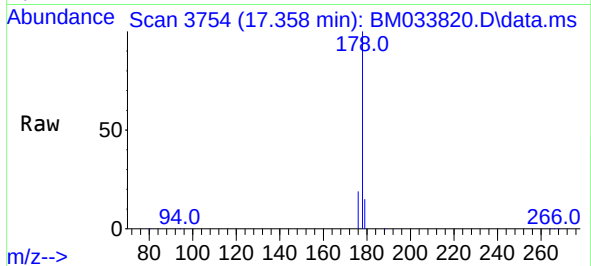
Tgt Ion:266 Resp: 1800
Ion Ratio Lower Upper
266 100
264 62.4 51.4 77.0
268 66.2 53.1 79.7





#15
Phenanthrene
Concen: 2.689 ng/u1
RT: 17.358 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

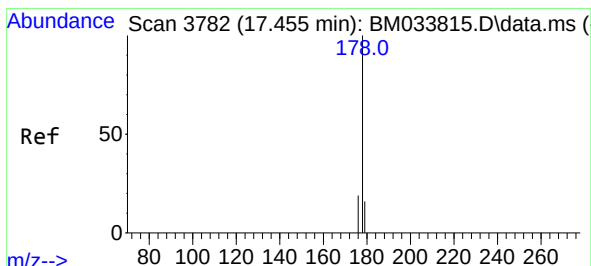
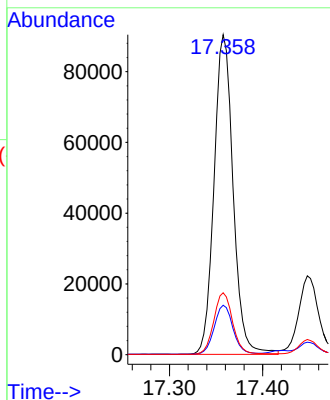
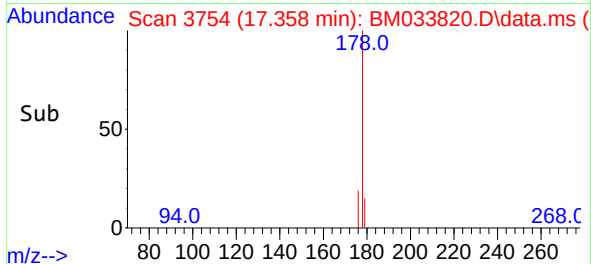
Instrument :
BNA_M
ClientSampleId :
DBLZ8MS



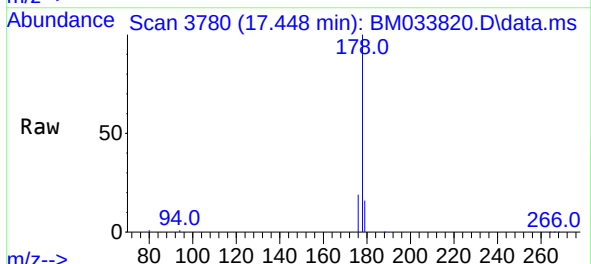
Tgt Ion:178 Resp: 128449
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.4 17.9 26.9

Manual Integrations
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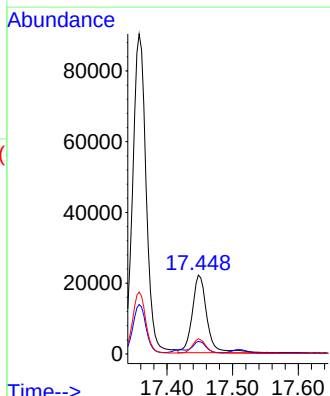
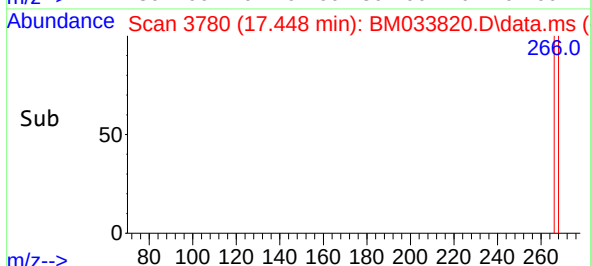
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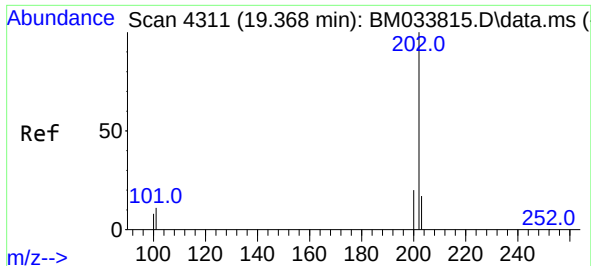


#16
Anthracene
Concen: 0.777 ng/u1
RT: 17.448 min Scan# 3780
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22



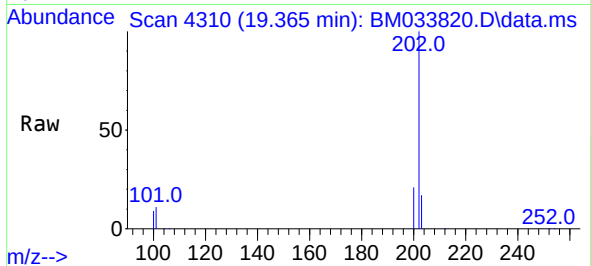
Tgt Ion:178 Resp: 34046
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.3 18.3 27.5





#19
Fluoranthene
Concen: 5.692 ng/u1
RT: 19.365 min Scan# 4311
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

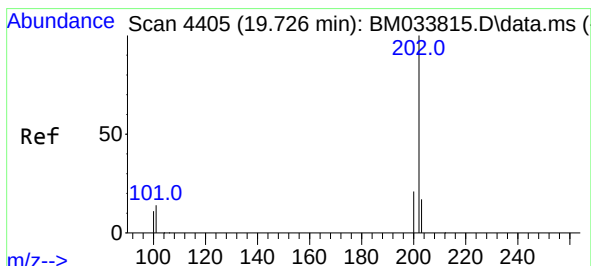
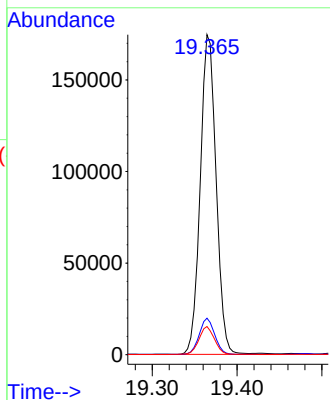
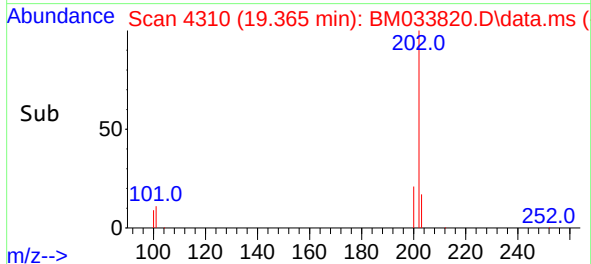
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DBLZ8MS



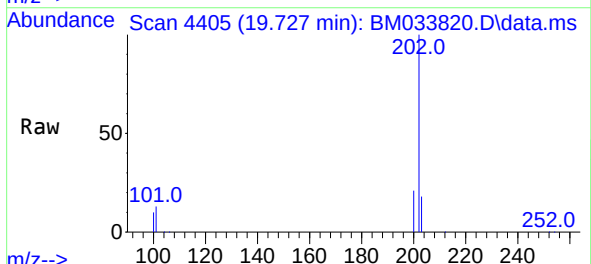
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Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 8.8 7.2 10.8

Manual Integrations
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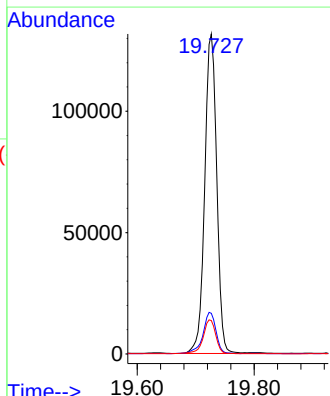
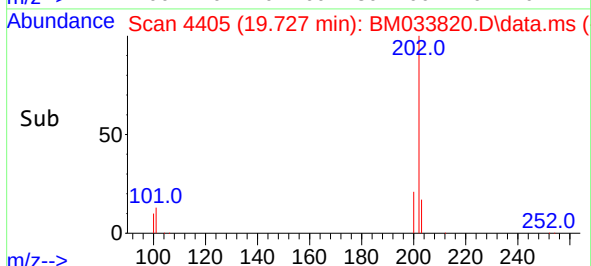
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

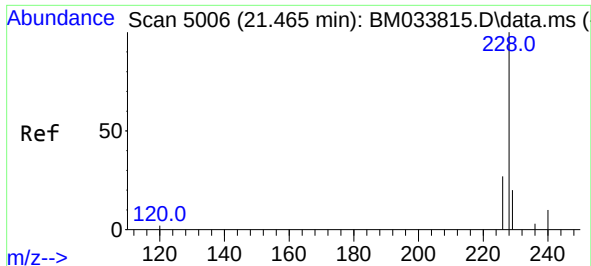


#20
Pyrene
Concen: 4.637 ng/u1
RT: 19.727 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22



Tgt Ion:202 Resp: 187401
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 10.4 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.513 ng/u1
RT: 21.463 min Scan# 5006
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

Instrument :

BNA_M

ClientSampleId :

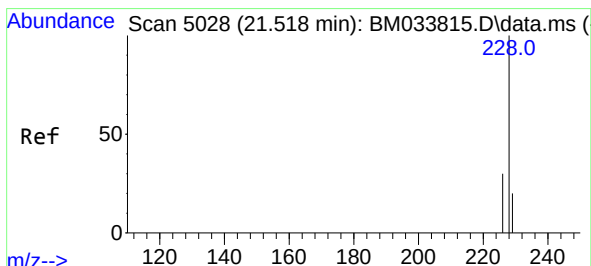
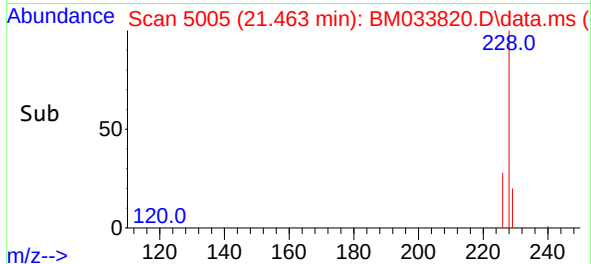
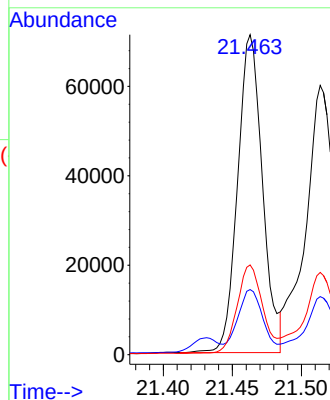
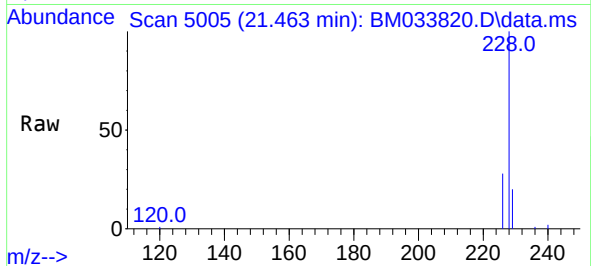
DBLZ8MS

Tgt Ion:228 Resp: 88905
Ion Ratio Lower Upper
228 100
229 20.4 17.3 25.9
226 28.1 23.2 34.8

Manual Integrations

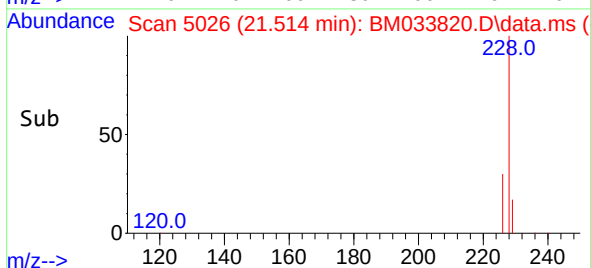
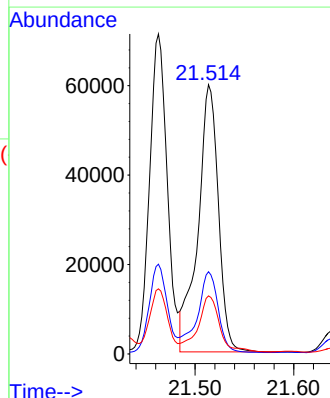
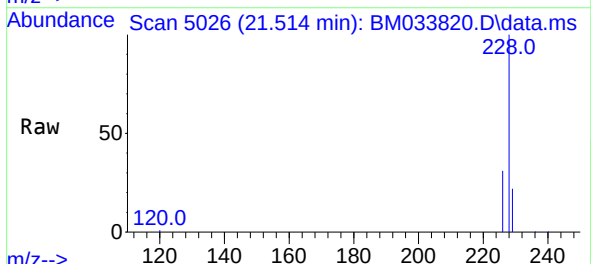
APPROVED

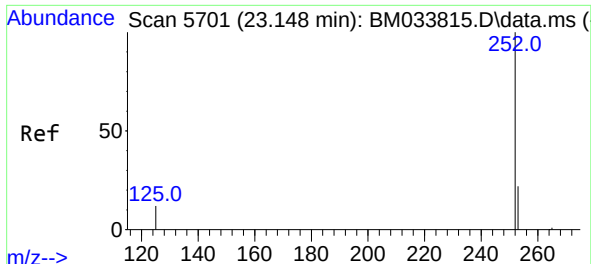
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#22
Chrysene
Concen: 2.381 ng/u1
RT: 21.514 min Scan# 5026
Delta R.T. -0.009 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

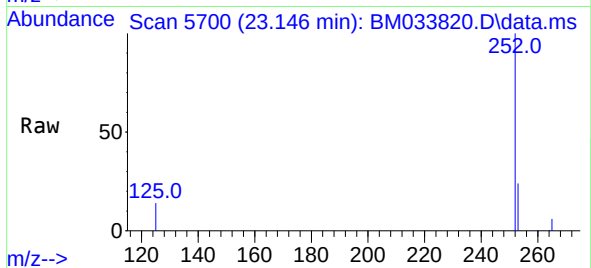
Tgt Ion:228 Resp: 86118
Ion Ratio Lower Upper
228 100
226 30.5 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.119 ng/ul m
RT: 23.146 min Scan# 5719
Delta R.T. -0.007 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

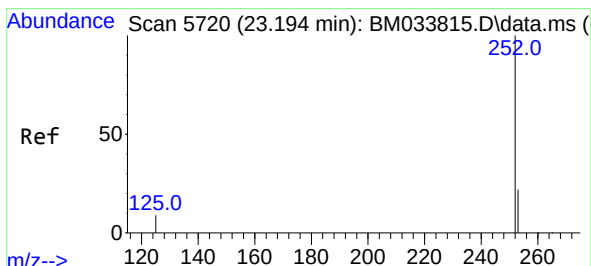
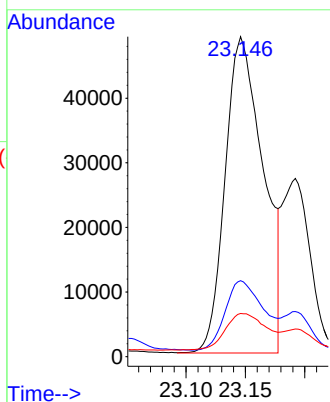
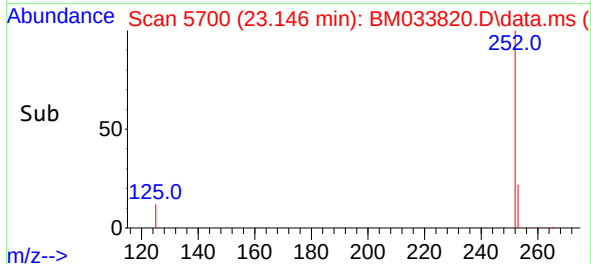
Instrument :
BNA_M
ClientSampleId :
DBLZ8MS



Tgt Ion:252 Resp: 109468
Ion Ratio Lower Upper
252 100
253 23.8 0.0 64.2
125 13.5 0.0 28.8

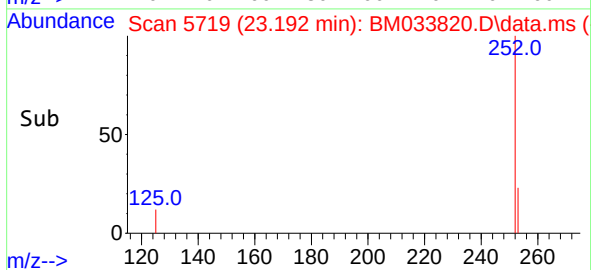
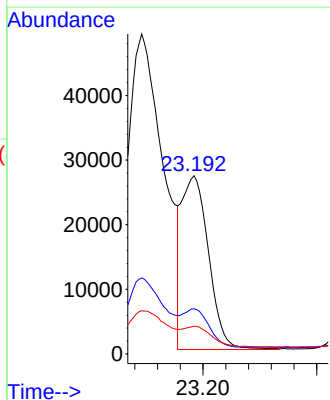
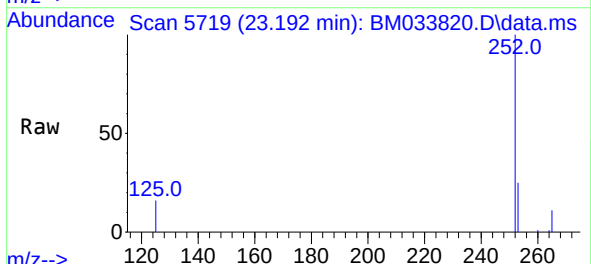
Manual Integrations
APPROVED

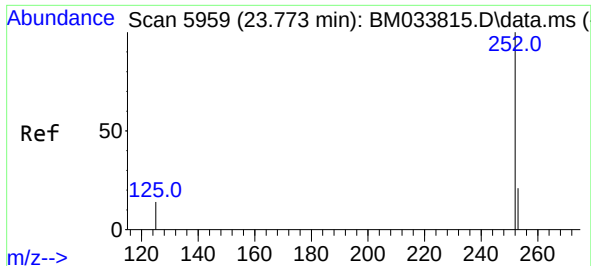
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#25
Benzo(k)fluoranthene
Concen: 1.286 ng/ul m
RT: 23.192 min Scan# 5719
Delta R.T. -0.009 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

Tgt Ion:252 Resp: 44272
Ion Ratio Lower Upper
252 100
253 25.3 26.8 40.2#
125 15.6 12.0 18.0





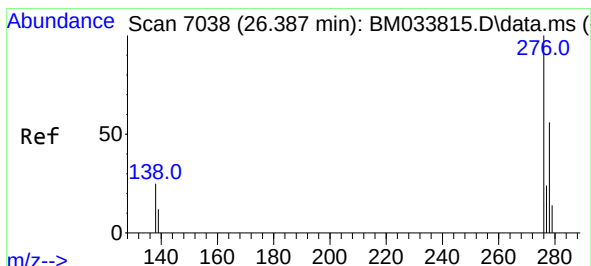
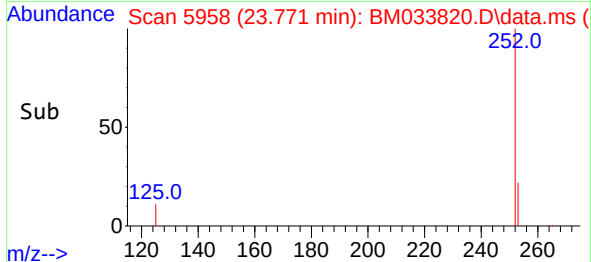
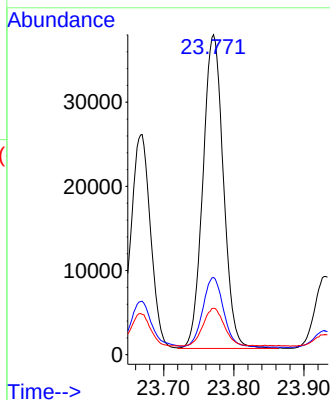
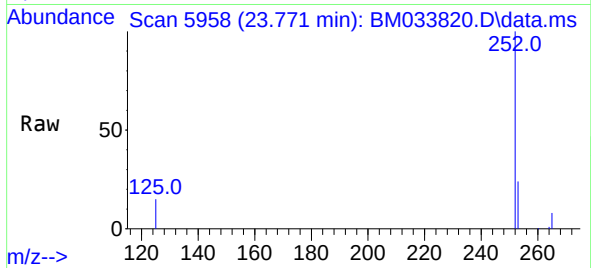
#26
Benzo(a)pyrene
Concen: 2.473 ng/ul
RT: 23.771 min Scan# 5959
Delta R.T. -0.009 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

Instrument :
BNA_M
ClientSampleId :
DBLZ8MS

Tgt Ion:252 Resp: 75448
Ion Ratio Lower Upper
252 100
253 24.1 32.0 48.0
125 14.5 14.5 21.7

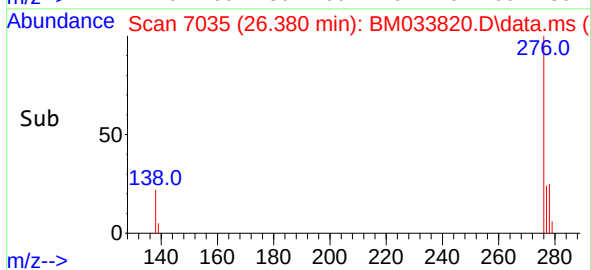
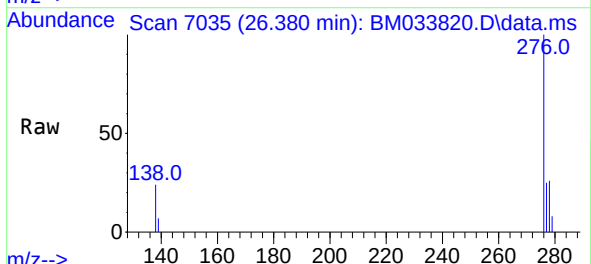
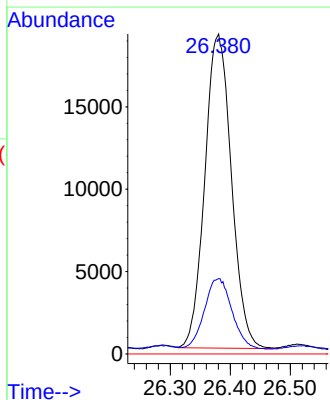
Manual Integrations
APPROVED

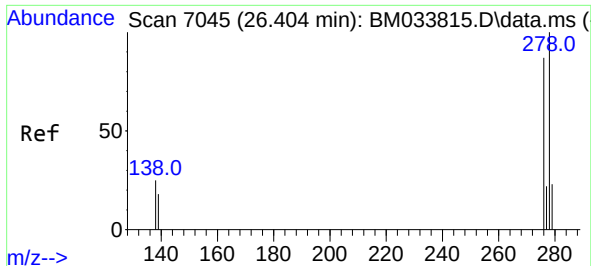
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.478 ng/ul
RT: 26.380 min Scan# 7035
Delta R.T. -0.017 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

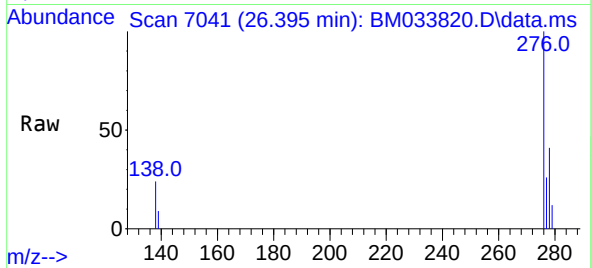
Tgt Ion:276 Resp: 58695
Ion Ratio Lower Upper
276 100
138 23.2 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.623 ng/ul
RT: 26.395 min Scan# 7045
Delta R.T. -0.024 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22

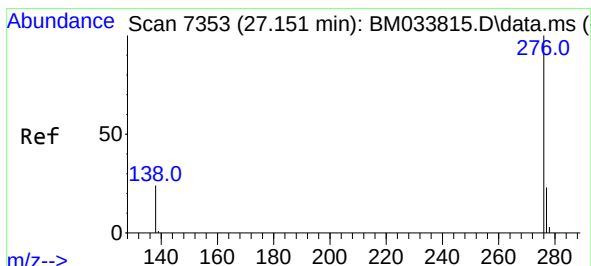
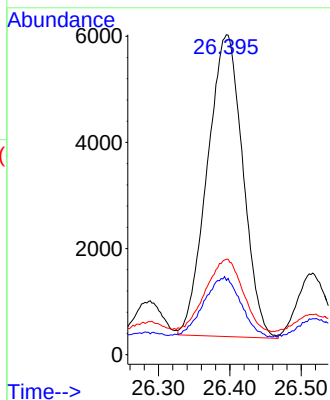
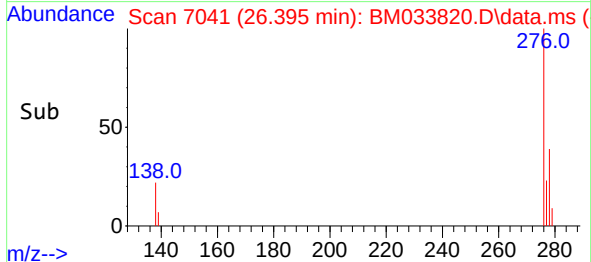
Instrument :
BNA_M
ClientSampleId :
DBLZ8MS



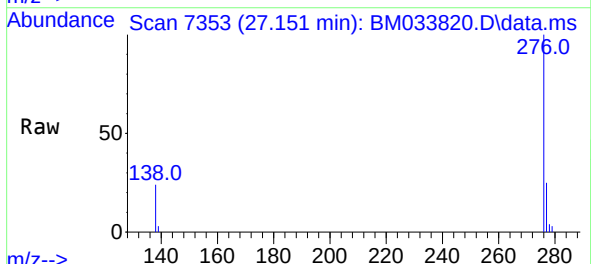
Tgt Ion:278 Resp: 1966
Ion Ratio Lower Upper
278 100
139 23.2 18.0 27.0
279 29.8 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#29
Benzo(g,h,i)perylene
Concen: 1.556 ng/ul
RT: 27.151 min Scan# 7353
Delta R.T. -0.017 min
Lab File: BM033820.D
Acq: 21 Jan 2022 12:22



Tgt Ion:276 Resp: 53098
Ion Ratio Lower Upper
276 100
138 23.6 17.4 26.0
277 24.9 22.6 33.8

