

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035065.D
 Acq On : 14 May 2022 14:53
 Operator : CG/JU
 Sample : N2603-10DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW491DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 15 01:31:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	5646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	17989	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	11390	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	25107	0.400	ng/ul #	0.00
17) Chrysene-d12	21.471	240	20666	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	17276	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	6895	1.019	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2283	0.080	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	6034	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	4584	0.077	ng/ul	93
7) 2-Methylnaphthalene	12.382	142	2629	0.067	ng/ul	97
8) 1-Methylnaphthalene	12.596	142	1977	0.054	ng/ul	99
11) Acenaphthene	14.612	153	12299	0.253	ng/ul	95
12) Fluorene	15.598	166	17844	0.313	ng/ul#	97
15) Phenanthrene	17.334	178	199171	2.083	ng/ul	93
16) Anthracene	17.427	178	54578	0.626	ng/ul#	91
19) Fluoranthene	19.350	202	230808	1.989	ng/ul	96
20) Pyrene	19.712	202	183827	1.559	ng/ul	99
21) Benzo(a)anthracene	21.456	228	83443	0.872	ng/ul	99
22) Chrysene	21.506	228	78998	0.794	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	89854	0.992	ng/ul	90
25) Benzo(k)fluoranthene	23.178	252	24327m	0.281	ng/ul	
26) Benzo(a)pyrene	23.751	252	56539	0.686	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.326	276	35217	0.432	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.330	278	8253	0.127	ng/ul#	76
29) Benzo(g,h,i)perylene	27.081	276	26697	0.381	ng/ul#	95

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

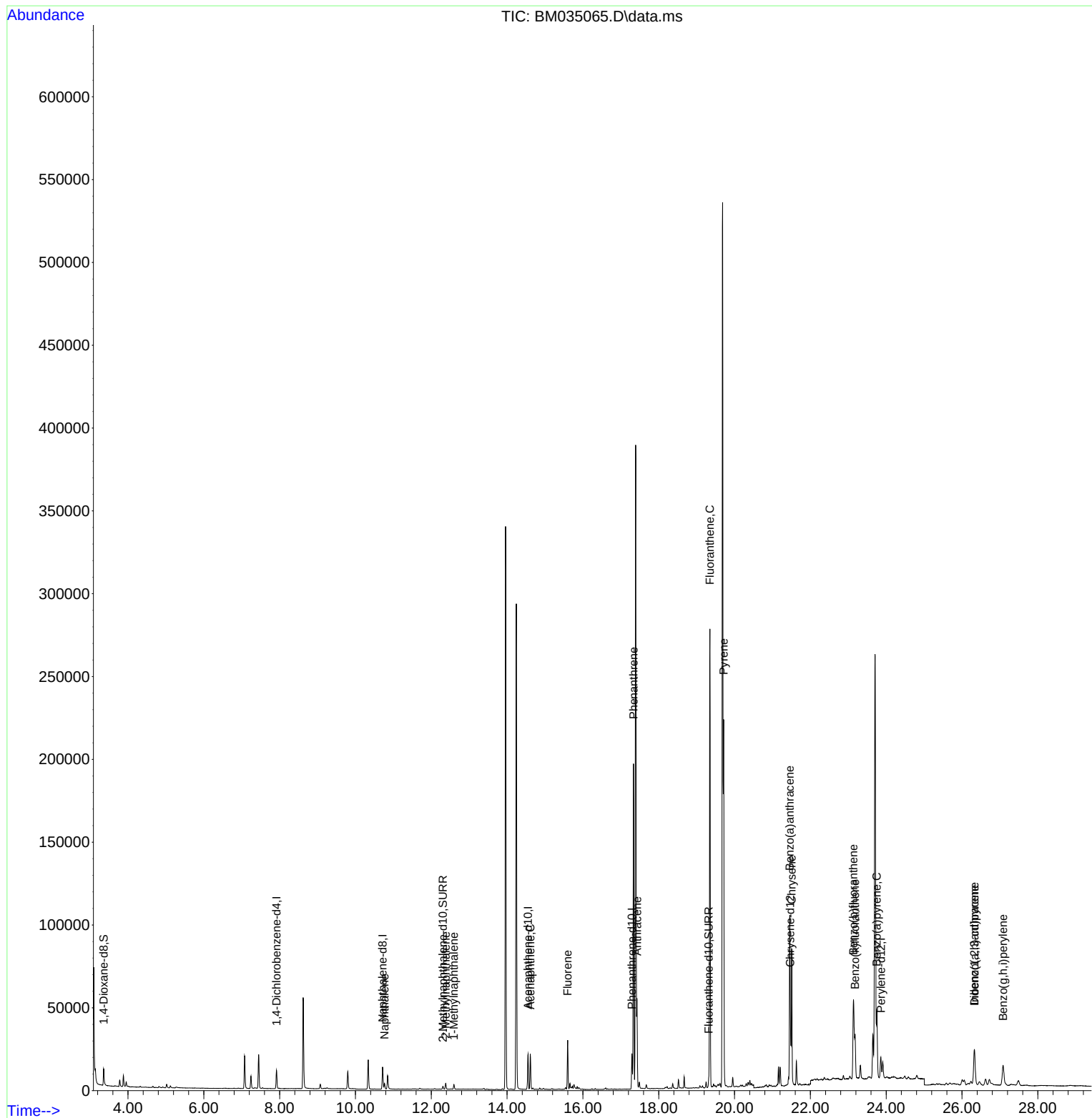
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035065.D
Acq On : 14 May 2022 14:53
Operator : CG/JU
Sample : N2603-10DL 5X
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ALS Vial : 40 Sample Multiplier: 1

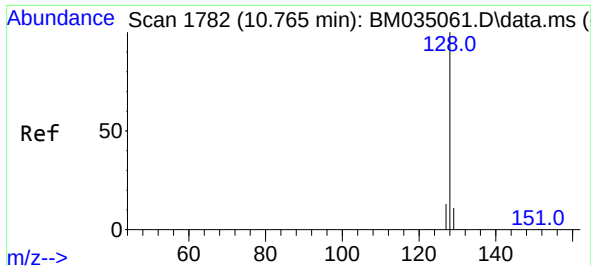
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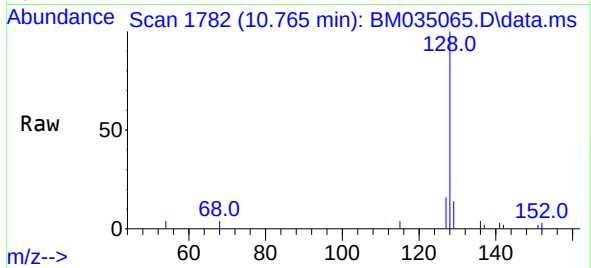
Quant Time: May 15 01:31:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

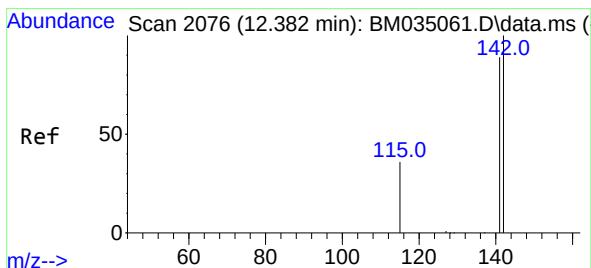
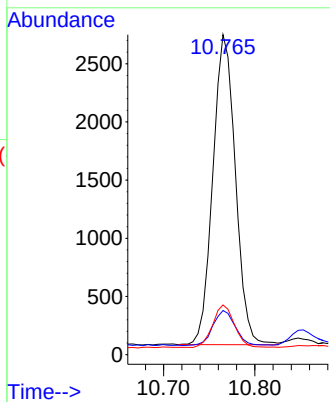
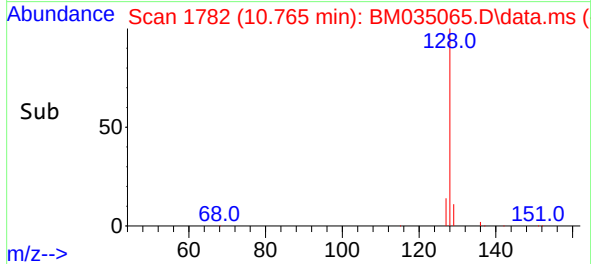
Instrument :
BNA_M
ClientSampleId :
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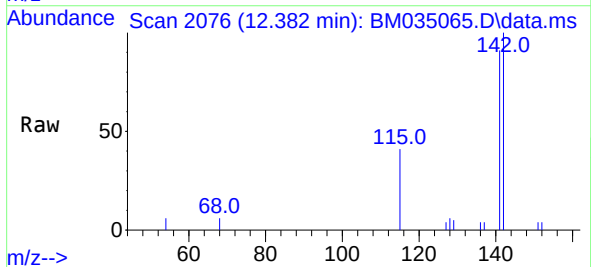
Tgt Ion:128 Resp: 4584
Ion Ratio Lower Upper
128 100
129 13.8 13.4 20.2
127 15.5 15.2 22.8

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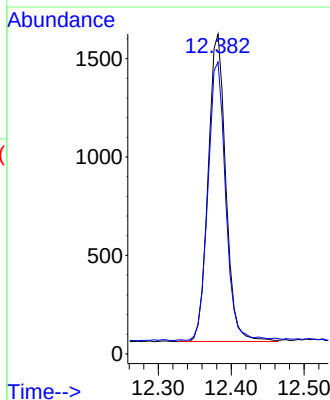
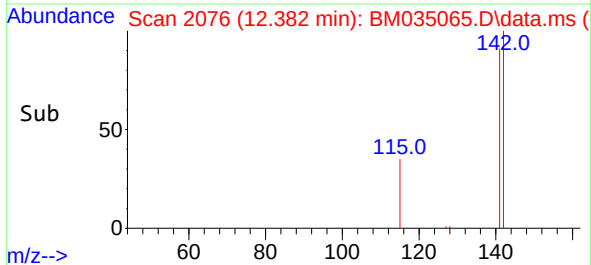
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

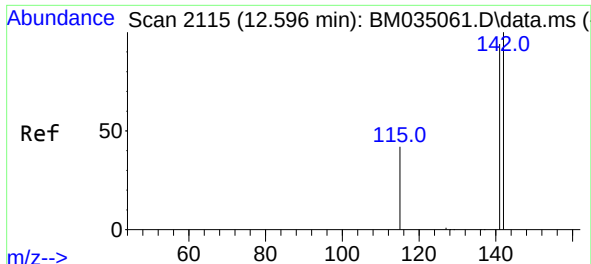


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



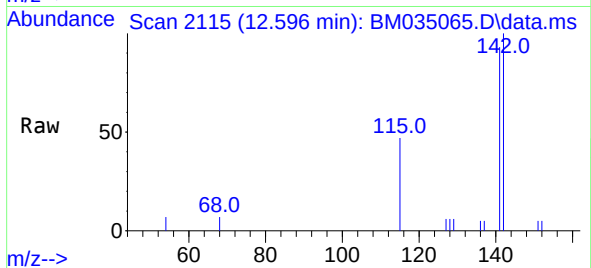
Tgt Ion:142 Resp: 2629
Ion Ratio Lower Upper
142 100
141 92.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

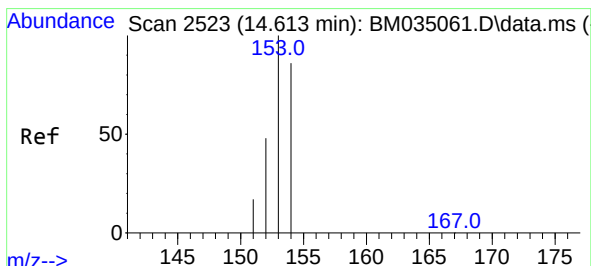
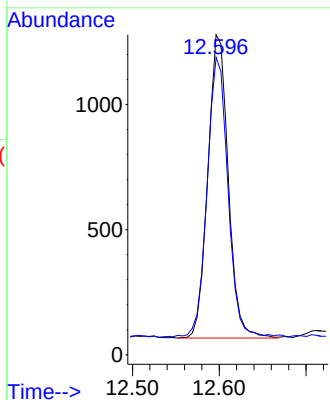
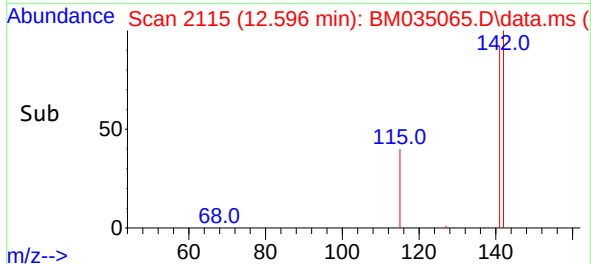
Instrument :
BNA_M
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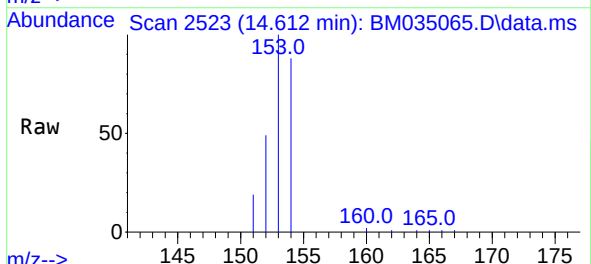
Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
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141 94.4 75.0 112.4

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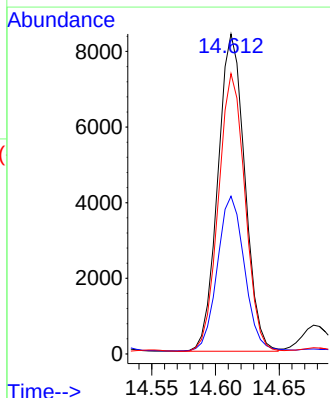
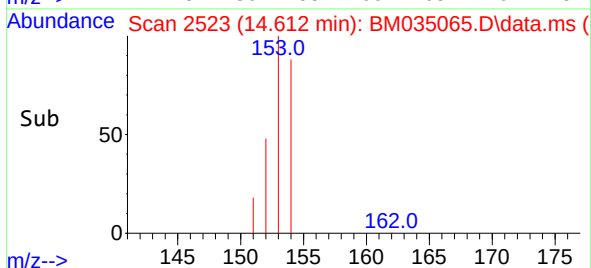
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

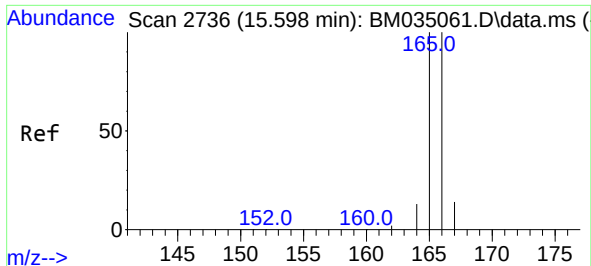


#11
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



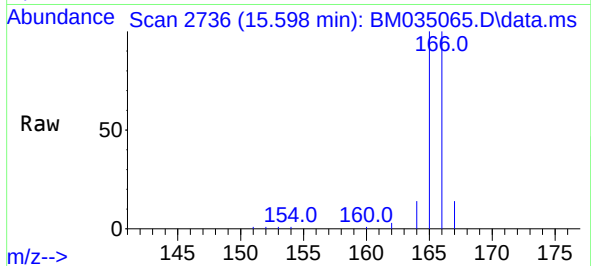
Tgt Ion:153 Resp: 12299
Ion Ratio Lower Upper
153 100
152 49.3 42.4 63.6
154 87.6 66.2 99.2





#12
Fluorene
Concen: 0.313 ng/u1
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

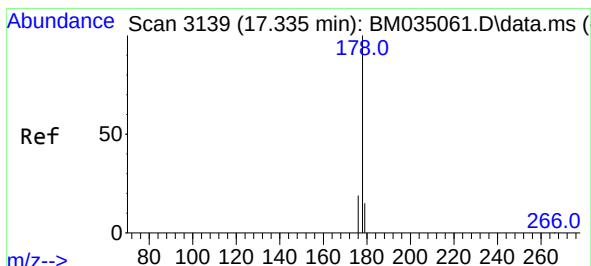
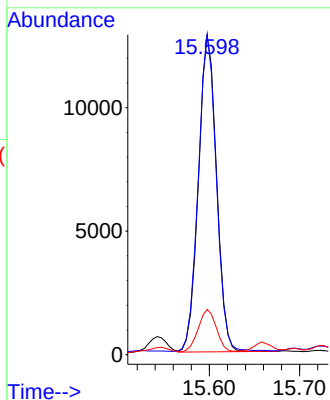
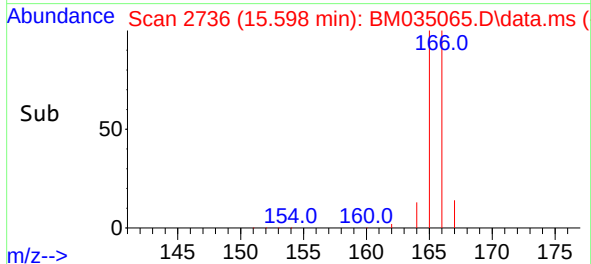
Instrument :
BNA_M
ClientSampleId :
EW491DL



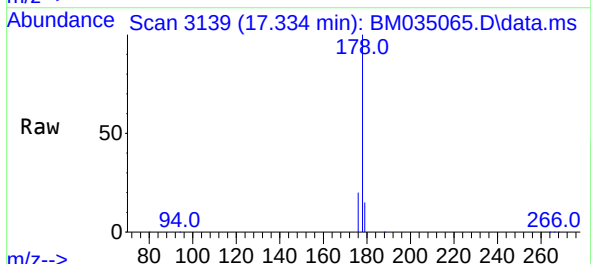
Tgt Ion:166 Resp: 1784
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 14.2 14.9 22.3

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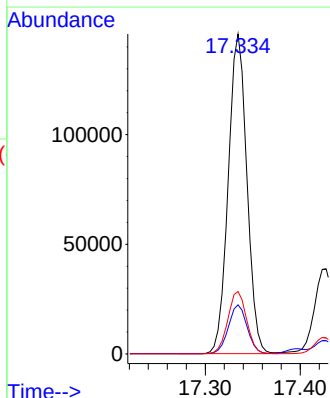
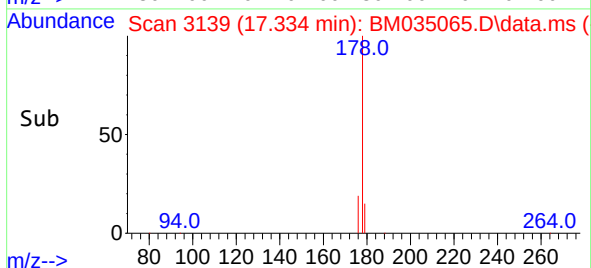
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Supervised By :Yogesh Patel 05/17/2022

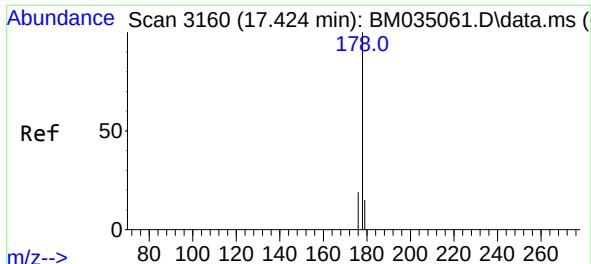


#15
Phenanthrene
Concen: 2.083 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



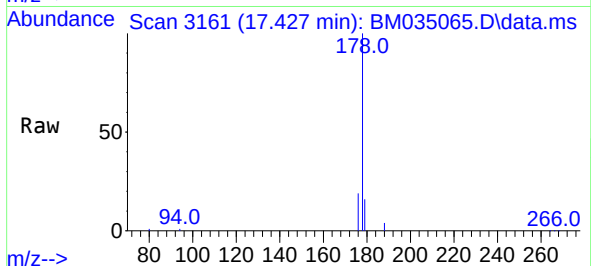
Tgt Ion:178 Resp: 199171
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.5 17.9 26.9





#16
 Anthracene
 Concen: 0.626 ng/u1
 RT: 17.427 min Scan# 3161
 Delta R.T. 0.000 min
 Lab File: BM035065.D
 Acq: 14 May 2022 14:53

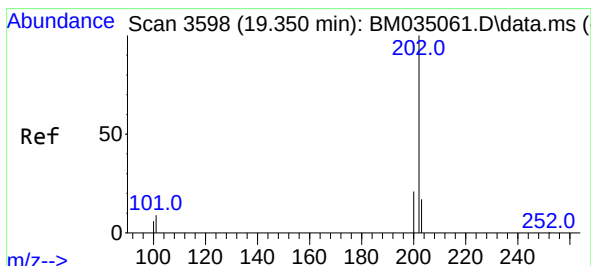
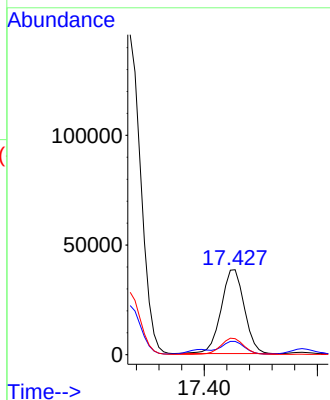
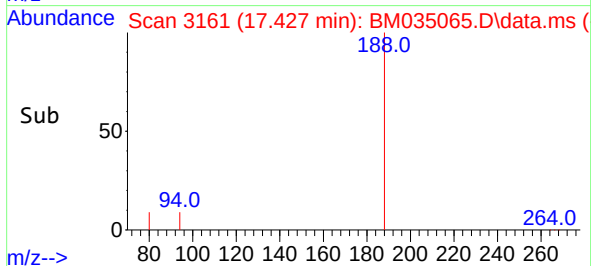
Instrument :
 BNA_M
 ClientSampleId :
 EW491DL



Tgt Ion:178 Resp: 54578
 Ion Ratio Lower Upper
 178 100
 179 15.6 16.5 24.7
 176 18.9 18.3 27.5

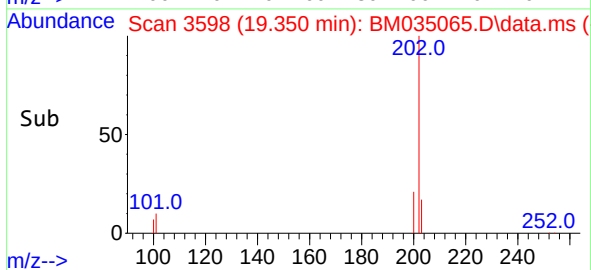
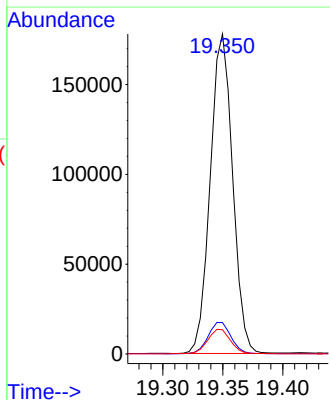
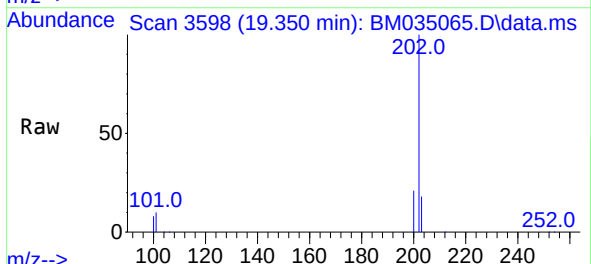
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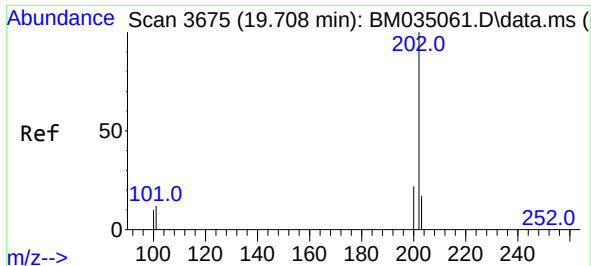
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022



#19
 Fluoranthene
 Concen: 1.989 ng/u1
 RT: 19.350 min Scan# 3598
 Delta R.T. 0.000 min
 Lab File: BM035065.D
 Acq: 14 May 2022 14:53

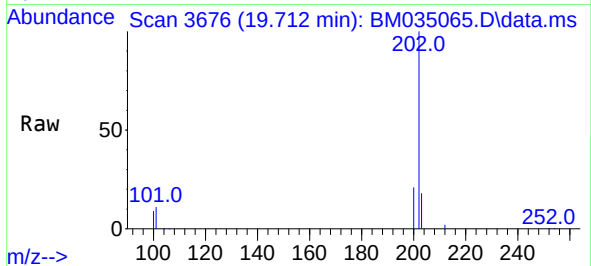
Tgt Ion:202 Resp: 230808
 Ion Ratio Lower Upper
 202 100
 101 9.8 9.2 13.8
 100 7.6 7.2 10.8





#20
Pyrene
Concen: 1.559 ng/ul
RT: 19.712 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

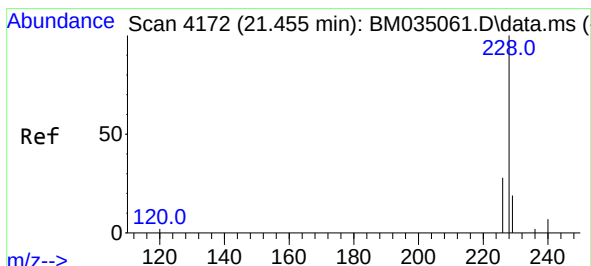
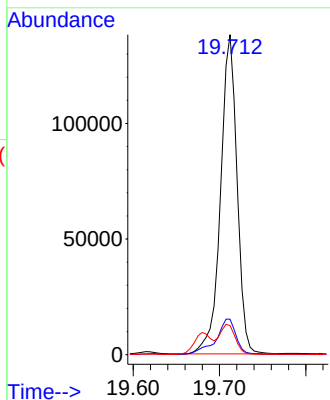
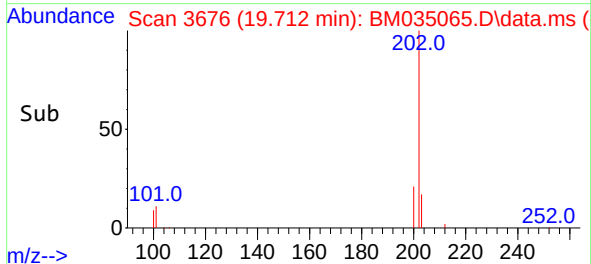
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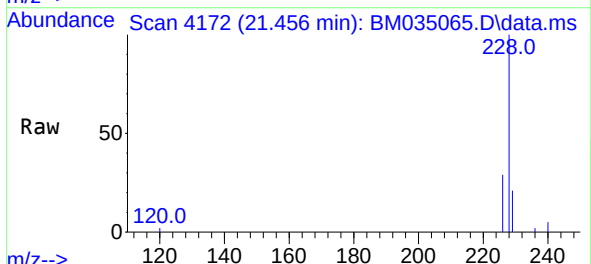
Tgt Ion:202 Resp: 18382
Ion Ratio Lower Upper
202 100
101 11.1 9.3 13.9
100 9.1 7.8 11.6

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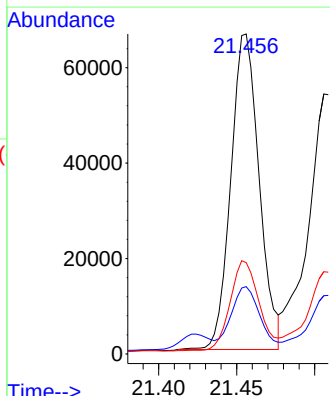
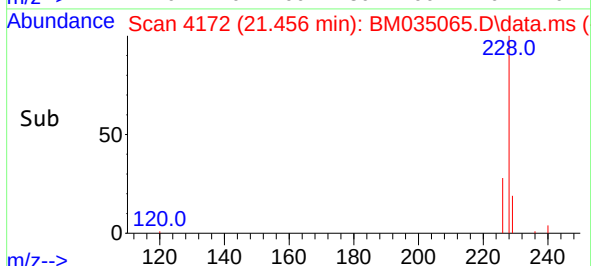
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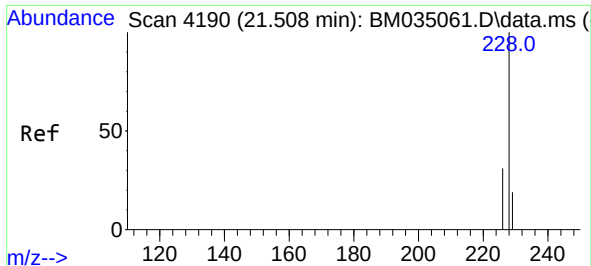


#21
Benzo(a)anthracene
Concen: 0.872 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



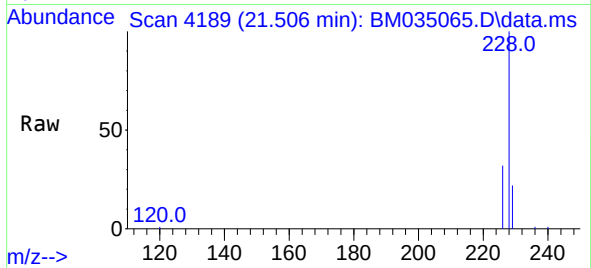
Tgt Ion:228 Resp: 83443
Ion Ratio Lower Upper
228 100
229 21.0 17.3 25.9
226 28.6 23.2 34.8





#22
Chrysene
Concen: 0.794 ng/ul
RT: 21.506 min Scan# 4190
Delta R.T. -0.006 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

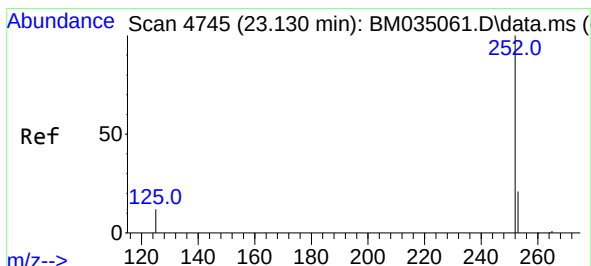
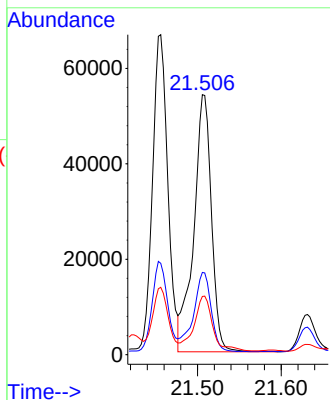
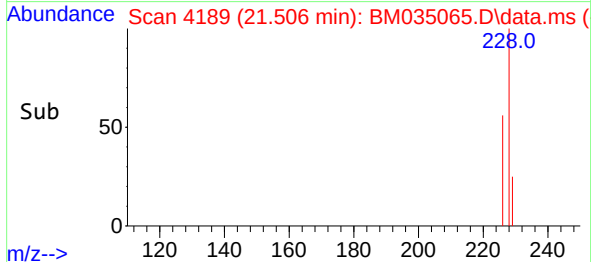
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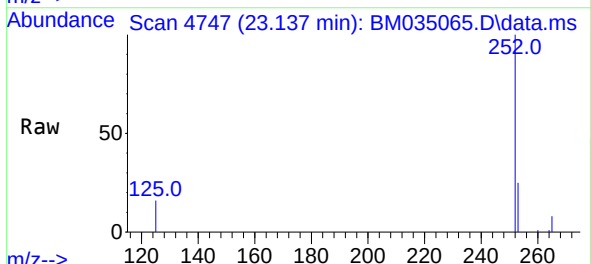
Tgt Ion:228 Resp: 78998
Ion Ratio Lower Upper
228 100
226 31.6 25.8 38.8
229 22.4 16.7 25.1

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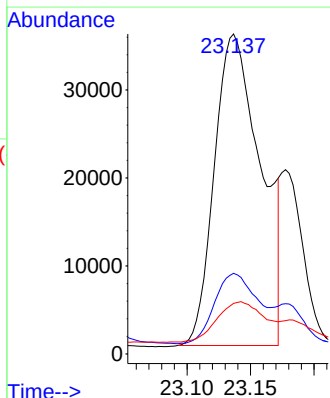
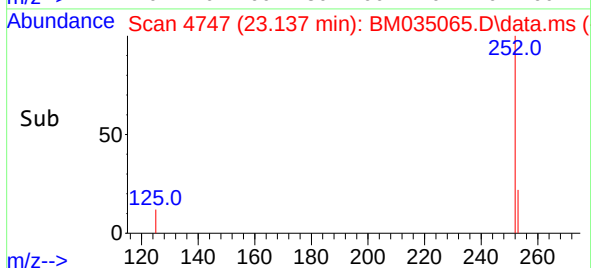
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Supervised By :Yogesh Patel 05/17/2022

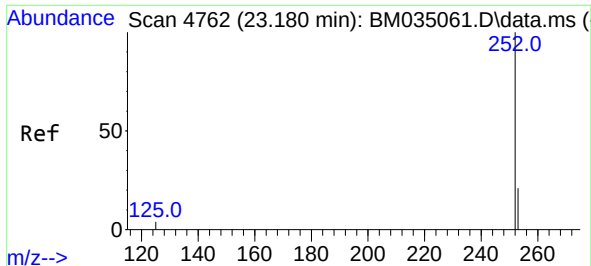


#24
Benzo(b)fluoranthene
Concen: 0.992 ng/ul
RT: 23.137 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



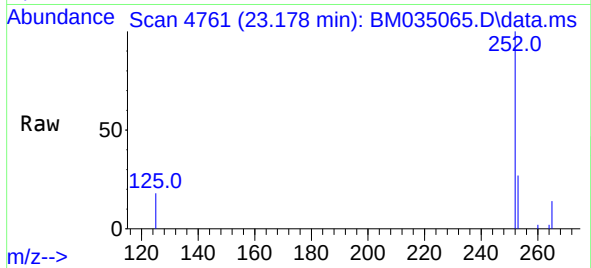
Tgt Ion:252 Resp: 89854
Ion Ratio Lower Upper
252 100
253 25.2 0.0 64.2
125 15.8 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.281 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

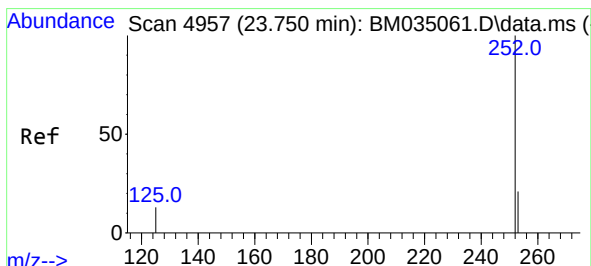
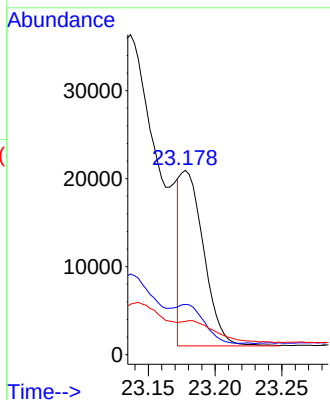
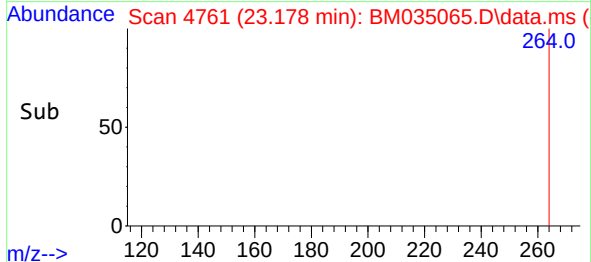
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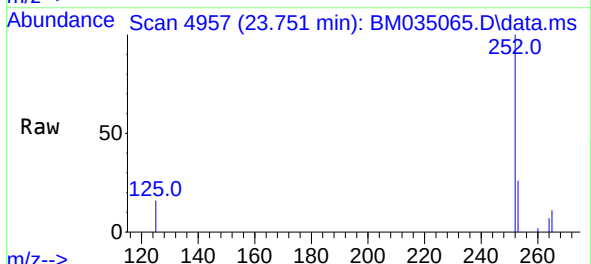
Tgt Ion:252 Resp: 24327
Ion Ratio Lower Upper
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253 27.3 26.8 40.2
125 18.1 12.0 18.0

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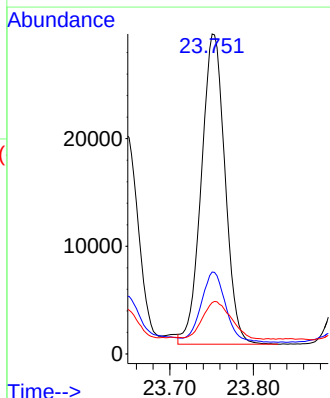
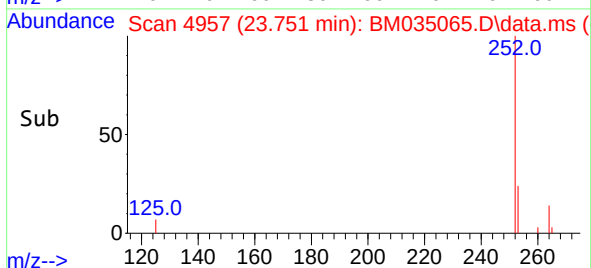
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

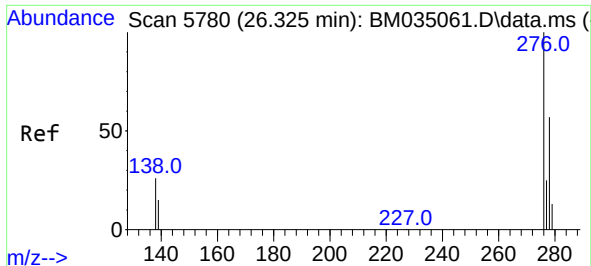


#26
Benzo(a)pyrene
Concen: 0.686 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. 0.000 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



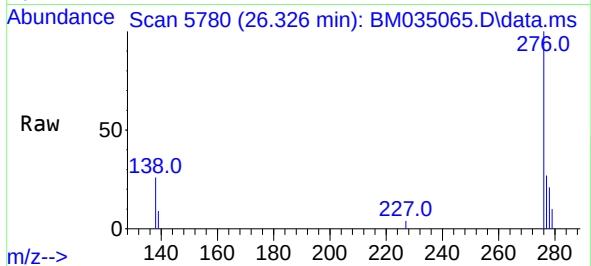
Tgt Ion:252 Resp: 56539
Ion Ratio Lower Upper
252 100
253 25.6 32.0 48.0#
125 16.0 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

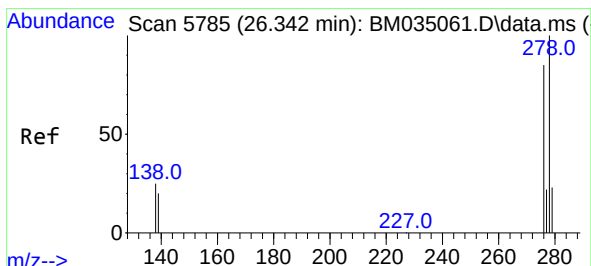
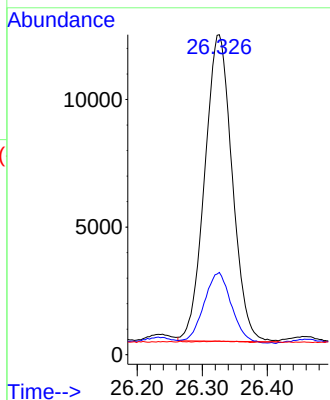
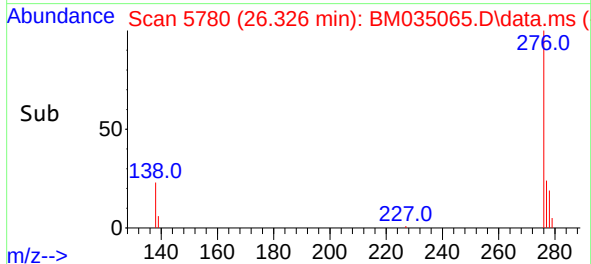
Instrument :
BNA_M
ClientSampleId :
EW491DL



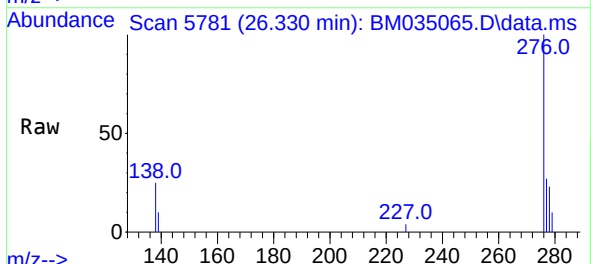
Tgt Ion: 276 Resp: 3521
Ion Ratio Lower Upper
276 100
138 23.1 15.8 23.6
227 0.0 0.0 0.0

Manual Integrations
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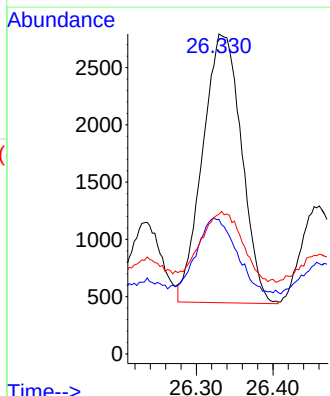
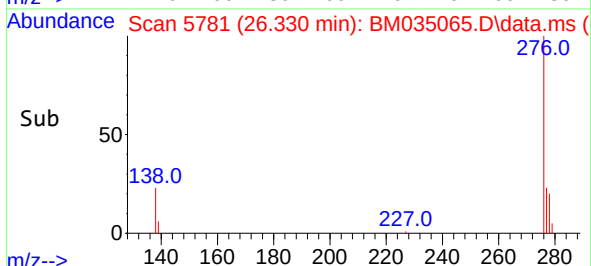
Reviewed By : Jagrut Upadhyay 05/16/2022
Supervised By : Yogesh Patel 05/17/2022

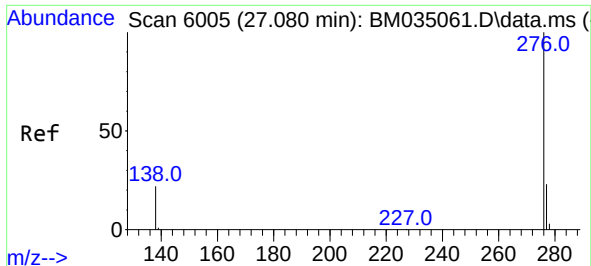


#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.013 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53



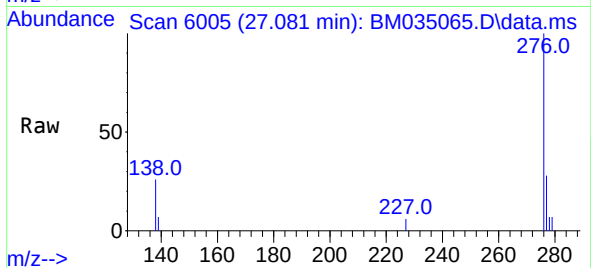
Tgt Ion: 278 Resp: 8253
Ion Ratio Lower Upper
278 100
139 42.1 18.0 27.0#
279 43.7 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.000 min
Lab File: BM035065.D
Acq: 14 May 2022 14:53

Instrument :
BNA_M
ClientSampleId :
EW491DL



Tgt Ion:276 Resp: 2669
Ion Ratio Lower Upper
276 100
138 26.3 17.4 26.0
277 27.6 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

