

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035083.D
 Acq On : 15 May 2022 02:20
 Operator : CG/JU
 Sample : N2632-05
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A6

Manual Integrations
 APPROVED

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

Quant Time: May 15 02:51:46 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	2593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	8457	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	5683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13337	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	14475	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	13949	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	6822	2.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2052	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	7695	0.155	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	3001	0.107	ng/ul	94
7) 2-Methylnaphthalene	12.382	142	1169	0.064	ng/ul	98
8) 1-Methylnaphthalene	12.596	142	1141	0.067	ng/ul	96
10) Acenaphthylene	14.270	152	5387	0.160	ng/ul#	92
11) Acenaphthene	14.612	153	10608	0.437	ng/ul	95
12) Fluorene	15.598	166	13046	0.459	ng/ul#	97
15) Phenanthrene	17.334	178	260987	5.137	ng/ul	93
16) Anthracene	17.423	178	60842	1.315	ng/ul#	91
19) Fluoranthene	19.350	202	572416	7.041	ng/ul	96
20) Pyrene	19.712	202	477711	5.786	ng/ul	99
21) Benzo(a)anthracene	21.456	228	281202	4.198	ng/ul	98
22) Chrysene	21.509	228	245408	3.521	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	372135	5.087	ng/ul	86
25) Benzo(k)fluoranthene	23.178	252	105050m	1.505	ng/ul	
26) Benzo(a)pyrene	23.753	252	242517	3.645	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.326	276	143926	2.186	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.333	278	34750m	0.663	ng/ul	
29) Benzo(g,h,i)perylene	27.088	276	112116	1.979	ng/ul	95

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

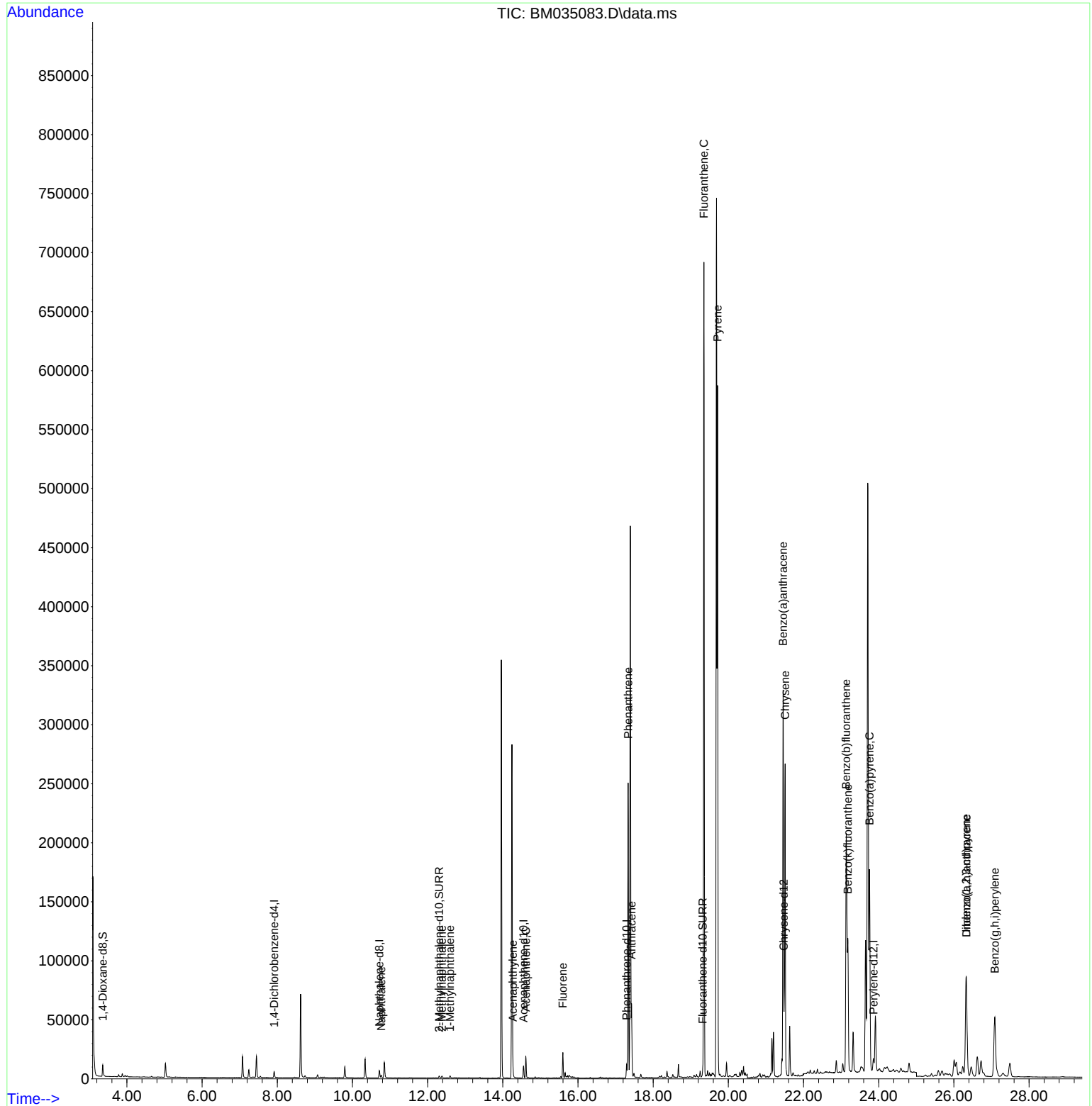
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035083.D
Acq On : 15 May 2022 02:20
Operator : CG/JU
Sample : N2632-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

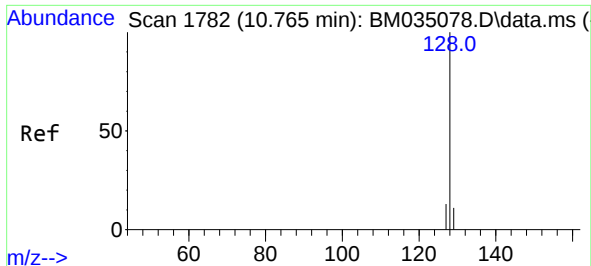
Instrument :
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Supervised By :Yogesh Patel 05/17/2022

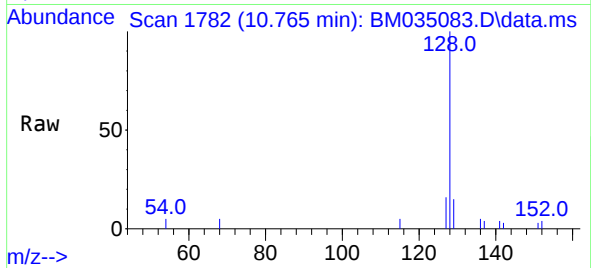
Quant Time: May 15 02:51:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

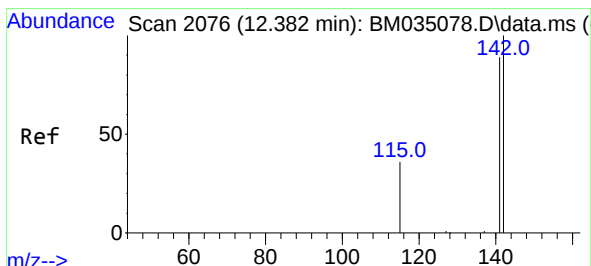
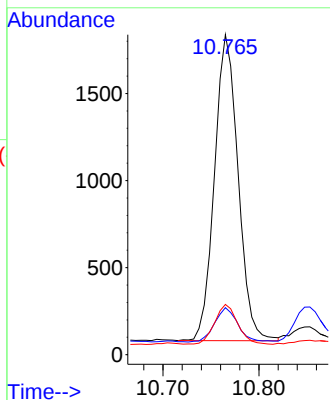
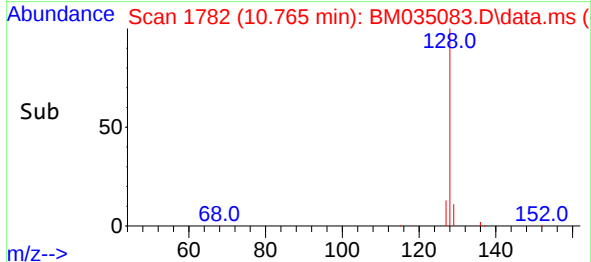
Instrument :
BNA_M
ClientSampleId :
EW4A6



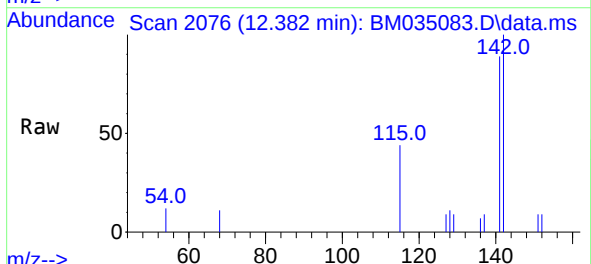
Tgt Ion:	128	Resp:	300
Ion Ratio	Lower	Upper	
128	100		
129	14.7	13.4	20.2
127	15.7	15.2	22.8

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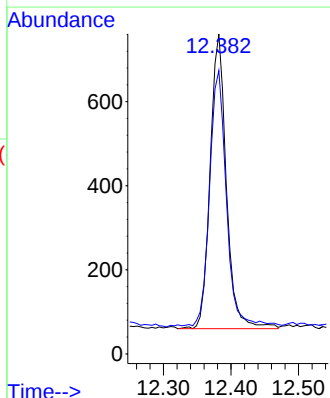
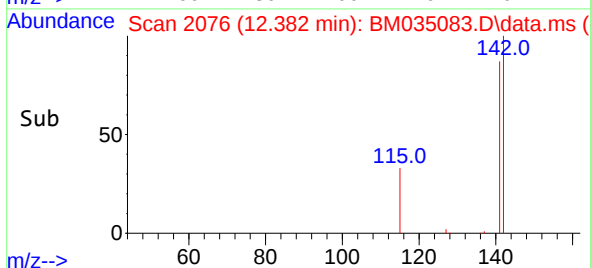
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

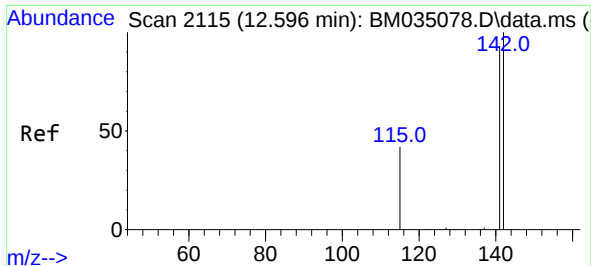


#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



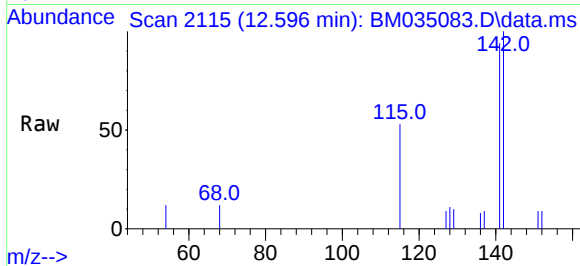
Tgt Ion:	142	Resp:	1169
Ion Ratio	Lower	Upper	
142	100		
141	87.9	71.8	107.6





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

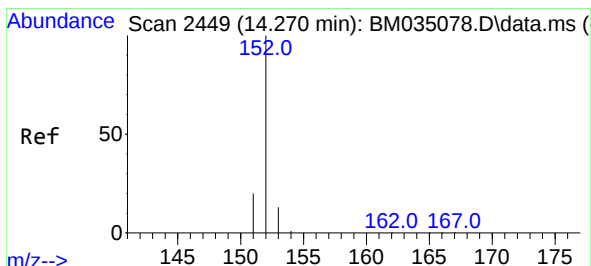
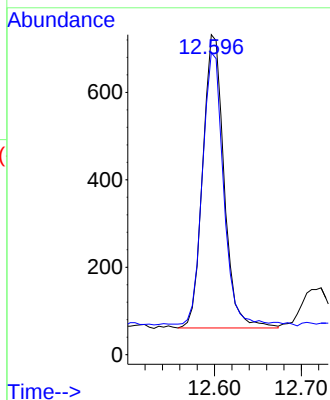
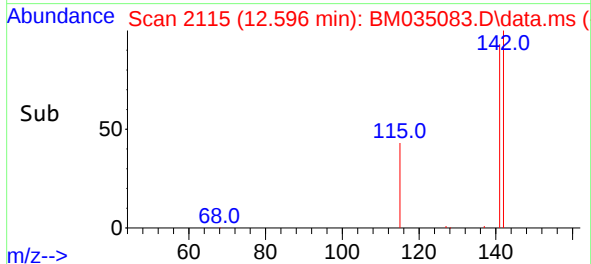
Instrument :
BNA_M
ClientSampleId :
EW4A6



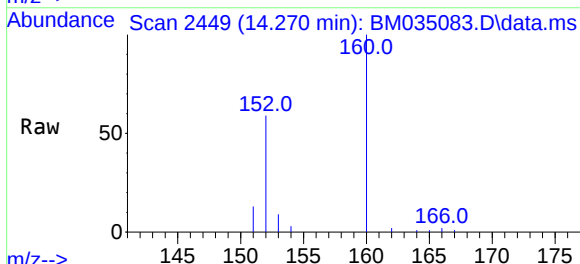
Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
141 90.3 75.0 112.4

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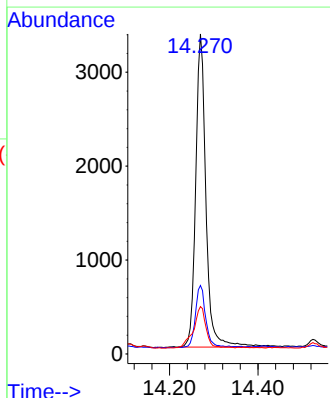
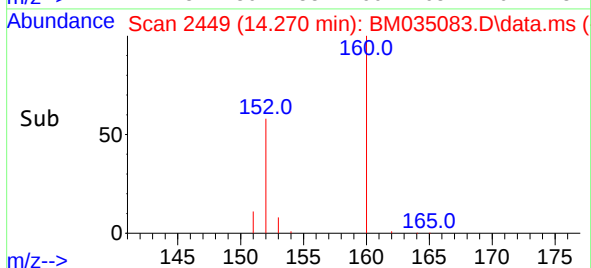
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

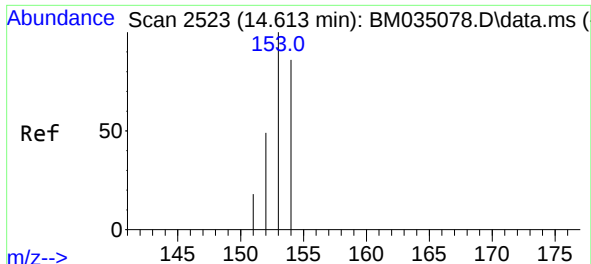


#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



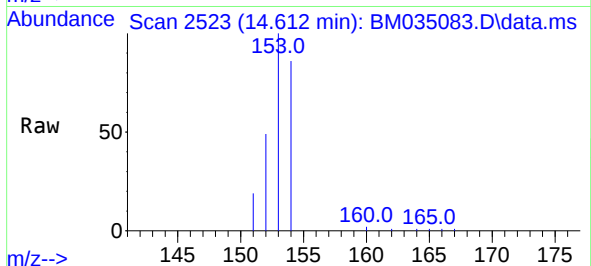
Tgt Ion:152 Resp: 5387
Ion Ratio Lower Upper
152 100
151 21.4 19.9 29.9
153 14.8 15.0 22.4





#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

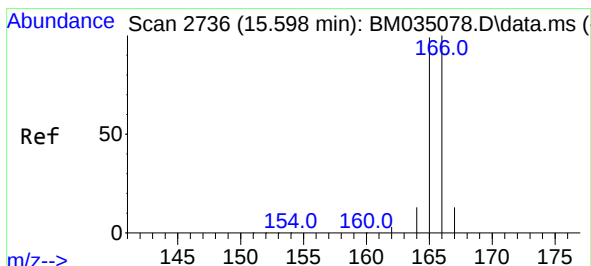
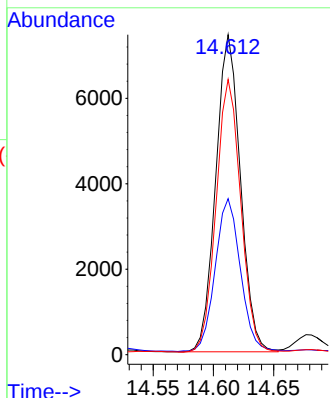
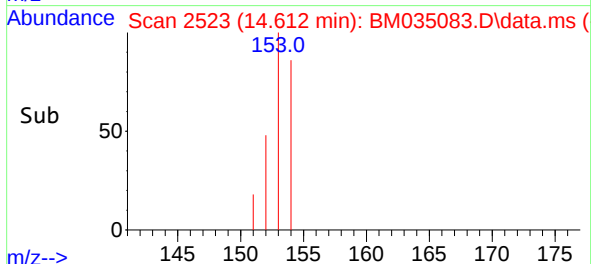
Instrument :
BNA_M
ClientSampleId :
EW4A6



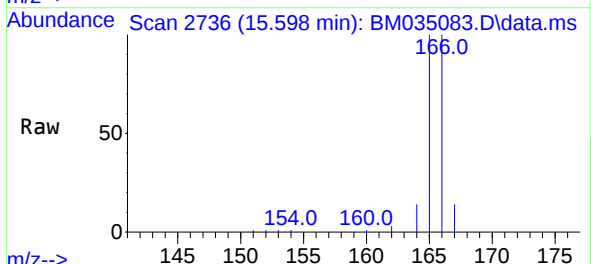
Tgt Ion:153 Resp: 10608
Ion Ratio Lower Upper
153 100
152 48.7 42.4 63.6
154 86.0 66.2 99.2

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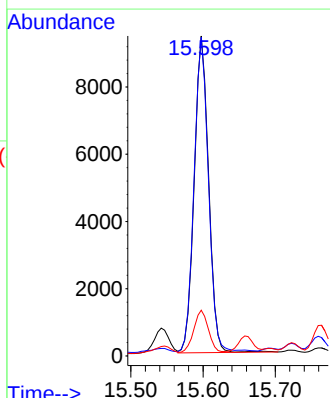
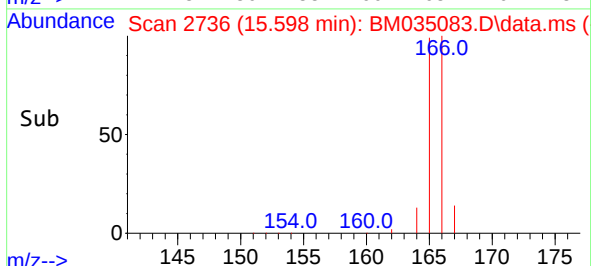
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

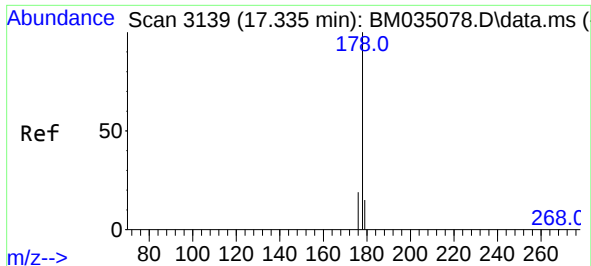


#12
Fluorene
Concen: 0.459 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



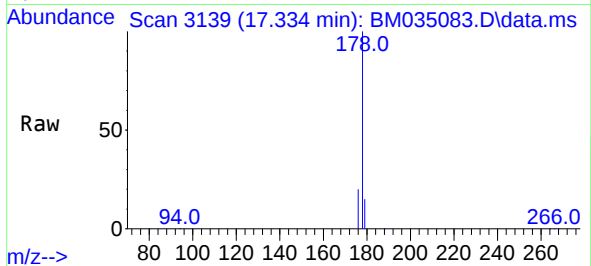
Tgt Ion:166 Resp: 13046
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 14.3 14.9 22.3





#15
Phenanthrene
Concen: 5.137 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

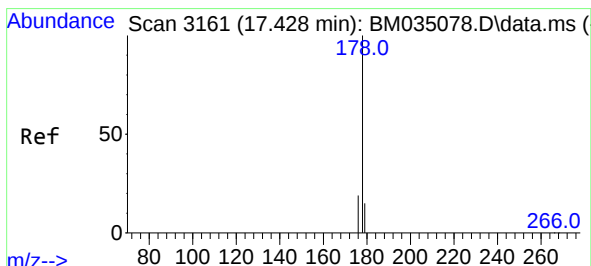
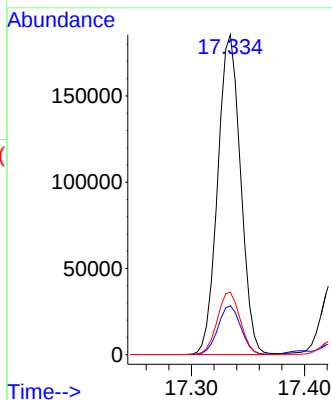
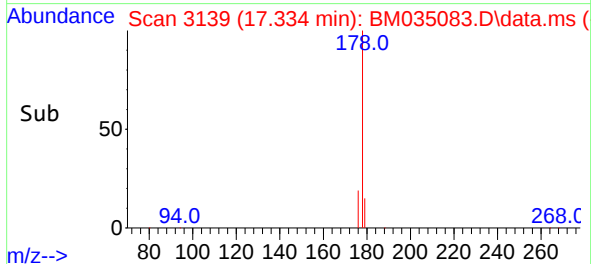
Instrument :
BNA_M
ClientSampleId :
EW4A6



Tgt Ion:178 Resp: 26098
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.5 17.9 26.9

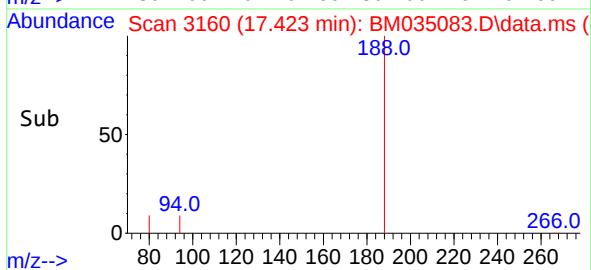
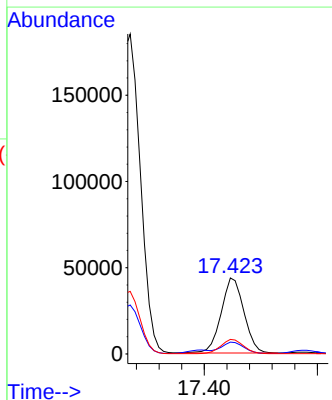
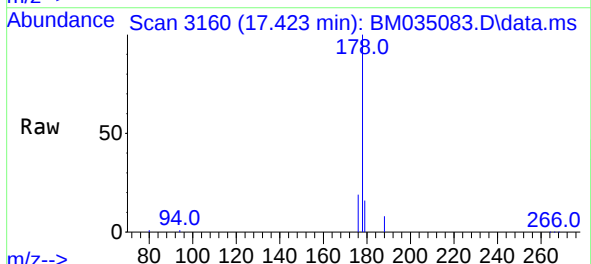
Manual Integrations
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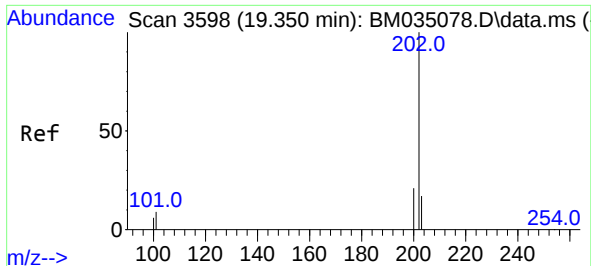
Reviewed By :Jagrut Upadhyay 05/16/2022
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#16
Anthracene
Concen: 1.315 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

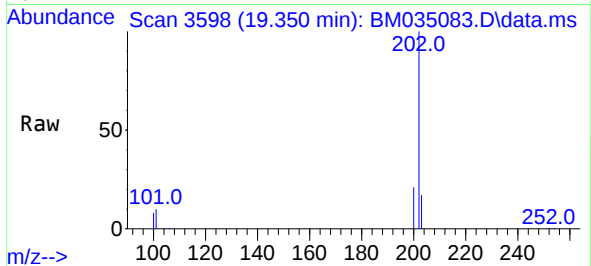
Tgt Ion:178 Resp: 60842
Ion Ratio Lower Upper
178 100
179 15.5 16.5 24.7#
176 19.3 18.3 27.5





#19
Fluoranthene
Concen: 7.041 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

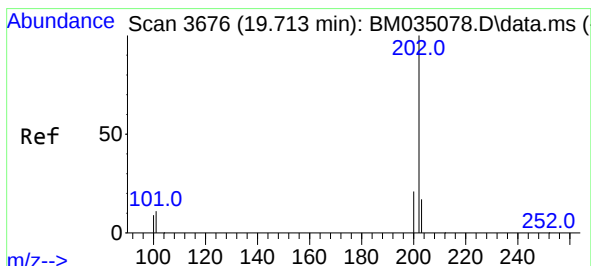
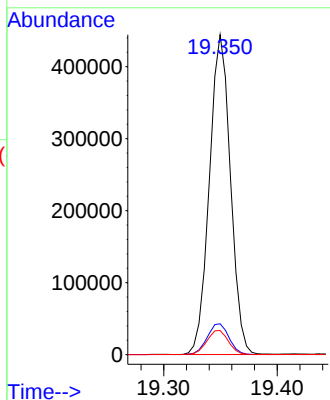
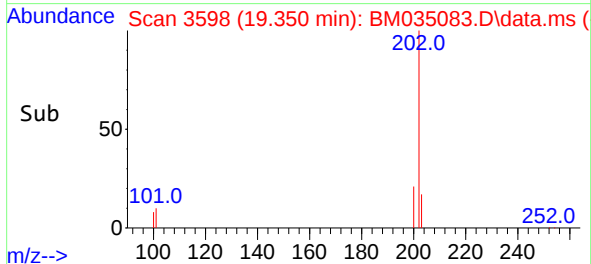
Instrument :
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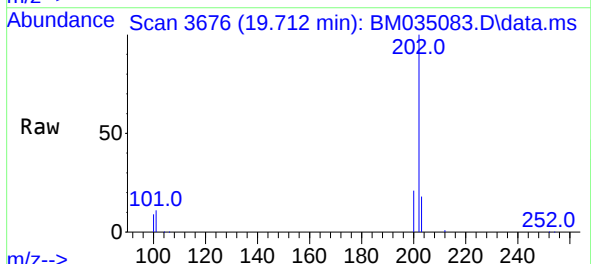
Tgt Ion:202 Resp: 572410
Ion Ratio Lower Upper
202 100
101 9.6 9.2 13.8
100 7.6 7.2 10.8

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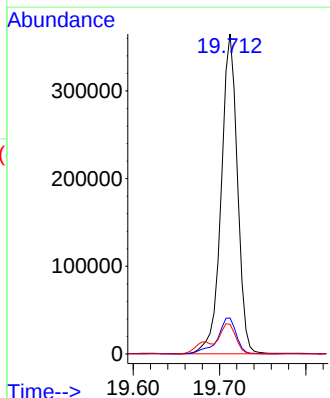
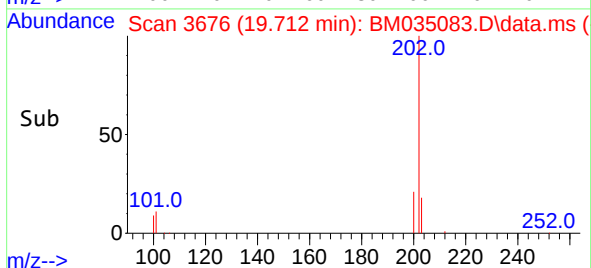
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

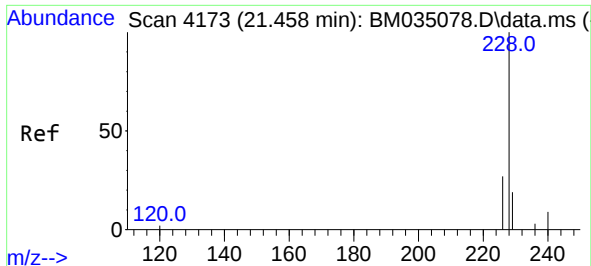


#20
Pyrene
Concen: 5.786 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



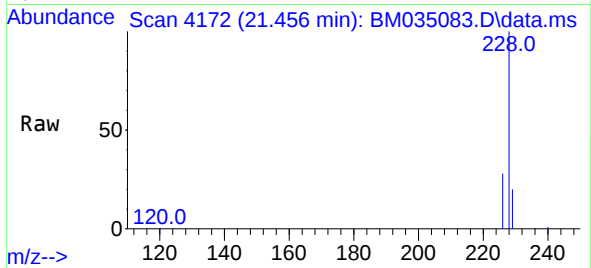
Tgt Ion:202 Resp: 477711
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 9.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 4.198 ng/u1
RT: 21.456 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

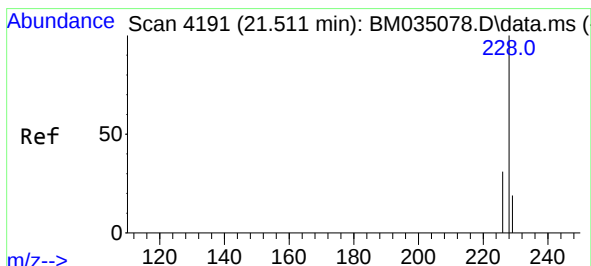
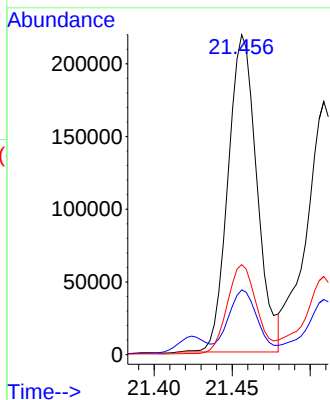
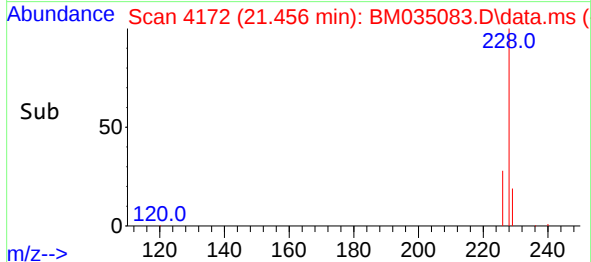
Instrument :
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ClientSampleId :
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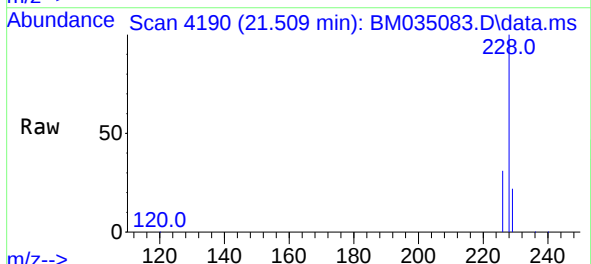
Tgt Ion:228 Resp: 28120
Ion Ratio Lower Upper
228 100
229 20.3 17.3 25.9
226 28.2 23.2 34.8

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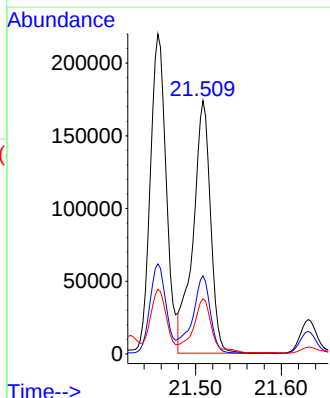
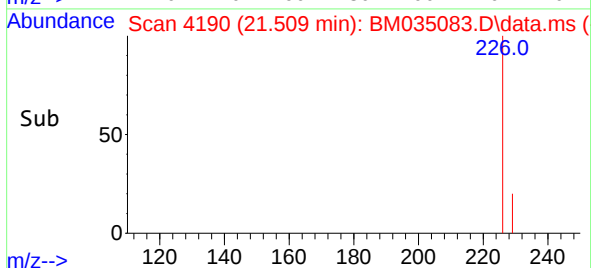
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

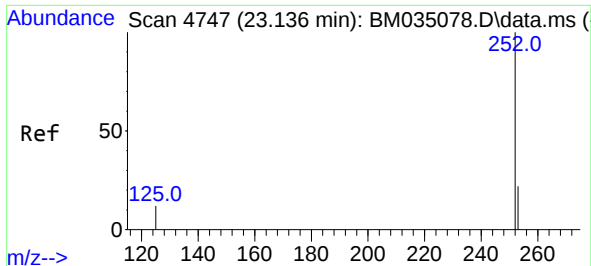


#22
Chrysene
Concen: 3.521 ng/u1
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



Tgt Ion:228 Resp: 245408
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.8 16.7 25.1





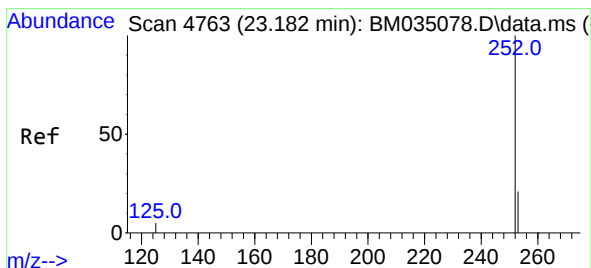
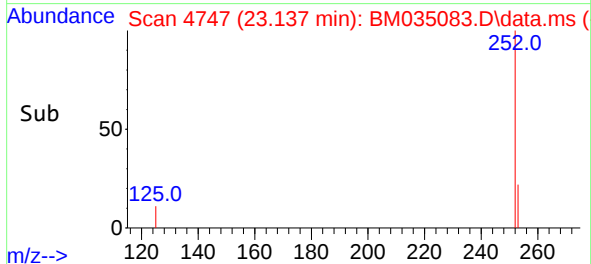
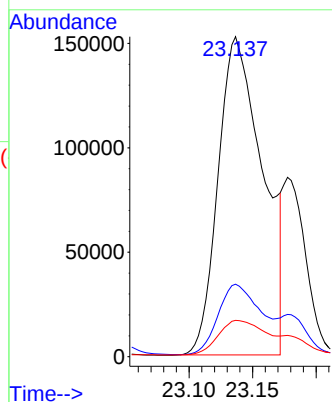
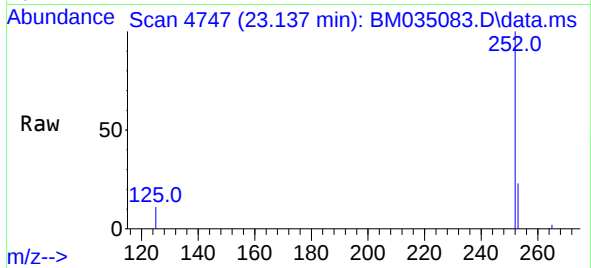
#24
Benzo(b)fluoranthene
Concen: 5.087 ng/ul
RT: 23.137 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

Instrument :
BNA_M
ClientSampleId :
EW4A6

Tgt Ion:252 Resp: 372135
Ion Ratio Lower Upper
252 100
253 22.6 0.0 64.2
125 11.3 0.0 28.8

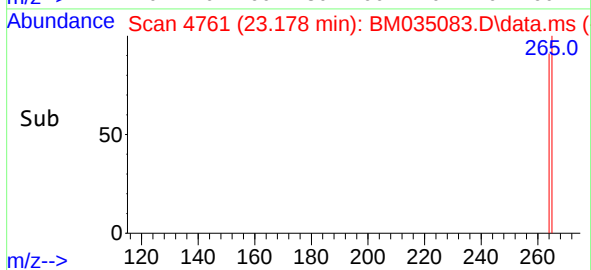
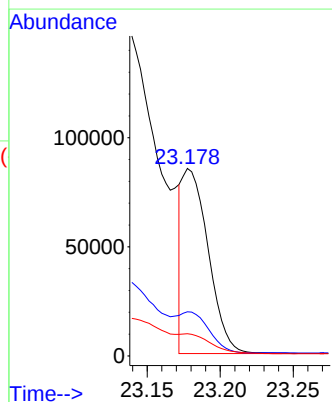
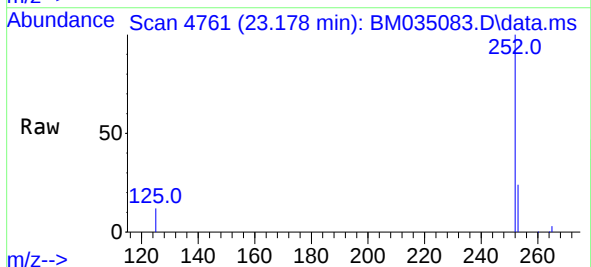
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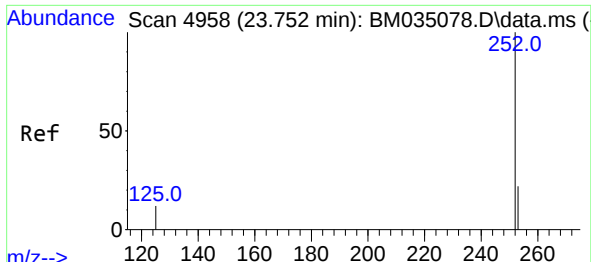
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#25
Benzo(k)fluoranthene
Concen: 1.505 ng/ul m
RT: 23.178 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

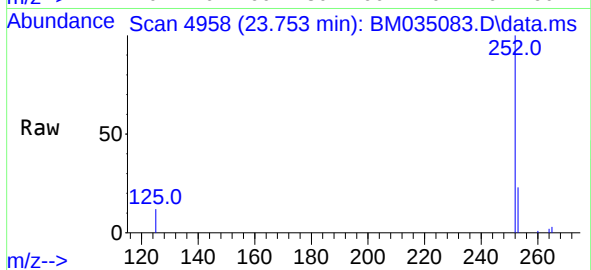
Tgt Ion:252 Resp: 105050
Ion Ratio Lower Upper
252 100
253 23.6 26.8 40.2#
125 11.8 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 3.645 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

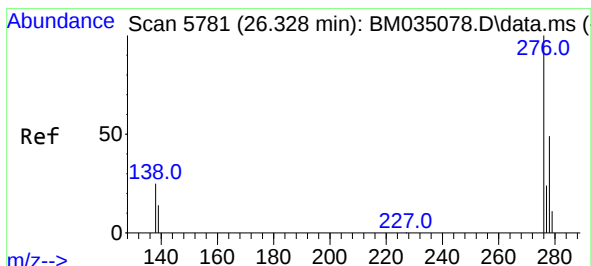
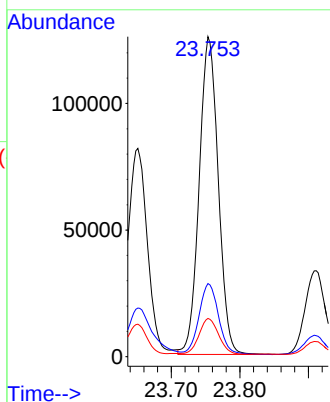
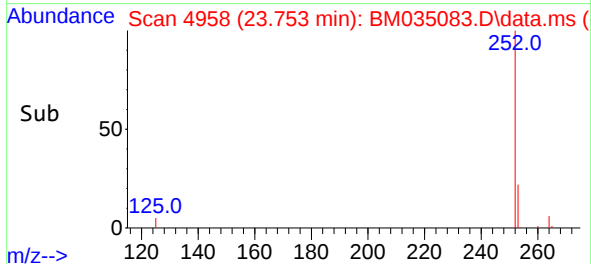
Instrument :
BNA_M
ClientSampleId :
EW4A6



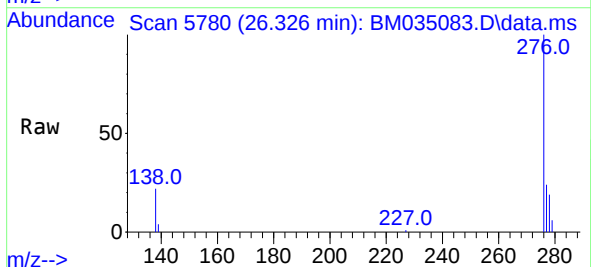
Tgt Ion:252 Resp: 242517
Ion Ratio Lower Upper
252 100
253 22.8 32.0 48.0
125 11.9 14.5 21.7

Manual Integrations
APPROVED

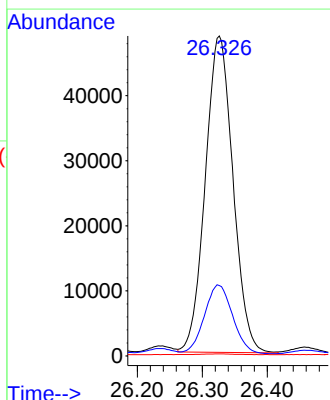
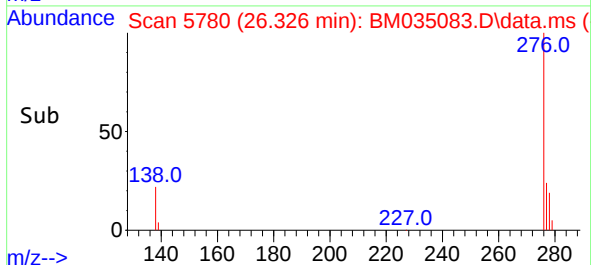
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

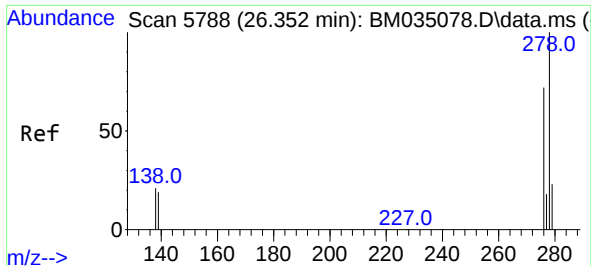


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.186 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.000 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



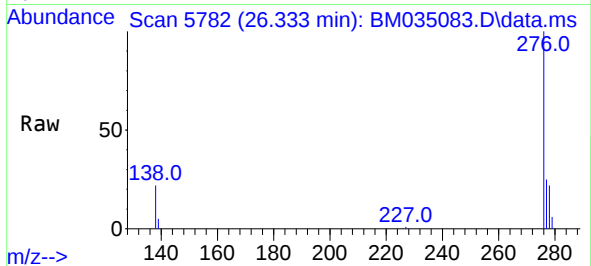
Tgt Ion:276 Resp: 143926
Ion Ratio Lower Upper
276 100
138 22.3 15.8 23.6
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.663 ng/ul m
RT: 26.333 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20

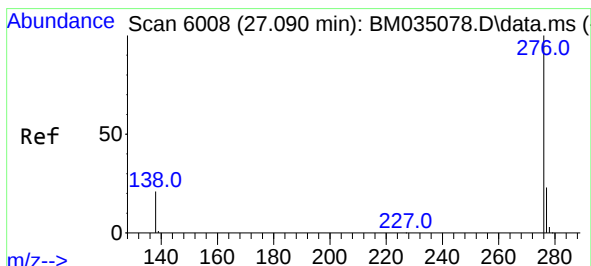
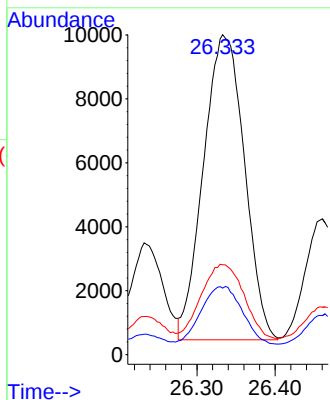
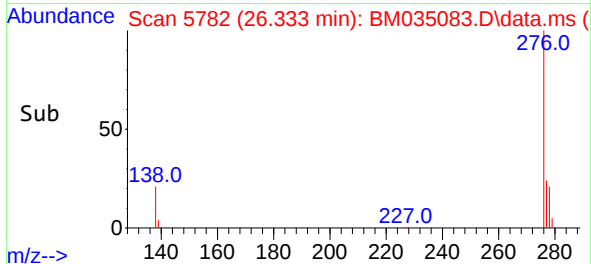
Instrument :
BNA_M
ClientSampleId :
EW4A6



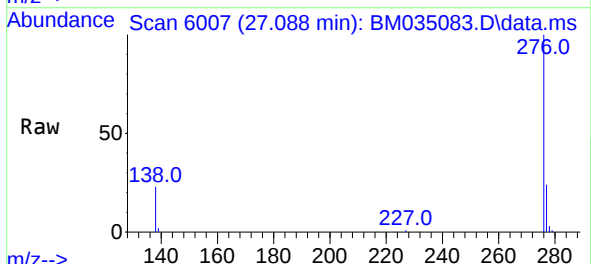
Tgt Ion:278 Resp: 34750
Ion Ratio Lower Upper
278 100
139 20.8 18.0 27.0
279 28.1 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.979 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.007 min
Lab File: BM035083.D
Acq: 15 May 2022 02:20



Tgt Ion:276 Resp: 112116
Ion Ratio Lower Upper
276 100
138 22.6 17.4 26.0
277 23.9 22.6 33.8

