

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035049.D
 Acq On : 14 May 2022 04:42
 Operator : CG/JU
 Sample : N2603-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW496

Manual Integrations
 APPROVED

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

Quant Time: May 14 05:33:59 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	4719	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	15016	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	10039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	21002	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	16313	0.400	ng/ul	# 0.00
23) Perylene-d12	23.856	264	13857	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	27979	4.950	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	9102	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	21929	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	2186	0.044	ng/ul	96
7) 2-Methylnaphthalene	12.382	142	1517	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	1306	0.043	ng/ul	99
10) Acenaphthylene	14.270	152	3247	0.055	ng/ul	98
11) Acenaphthene	14.612	153	3008	0.070	ng/ul	96
12) Fluorene	15.597	166	3241	0.065	ng/ul	98
15) Phenanthrene	17.334	178	82367	1.030	ng/ul	94
16) Anthracene	17.423	178	18150	0.249	ng/ul	93
19) Fluoranthene	19.350	202	179983	1.965	ng/ul	97
20) Pyrene	19.712	202	156273	1.679	ng/ul	99
21) Benzo(a)anthracene	21.453	228	74860	0.992	ng/ul	99
22) Chrysene	21.506	228	74914	0.954	ng/ul	98
24) Benzo(b)fluoranthene	23.134	252	88263m	1.215	ng/ul	
25) Benzo(k)fluoranthene	23.174	252	31078m	0.448	ng/ul	
26) Benzo(a)pyrene	23.750	252	57884	0.876	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.319	276	37223	0.569	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.329	278	9659	0.186	ng/ul#	69
29) Benzo(g,h,i)perylene	27.081	276	29983	0.533	ng/ul#	92

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

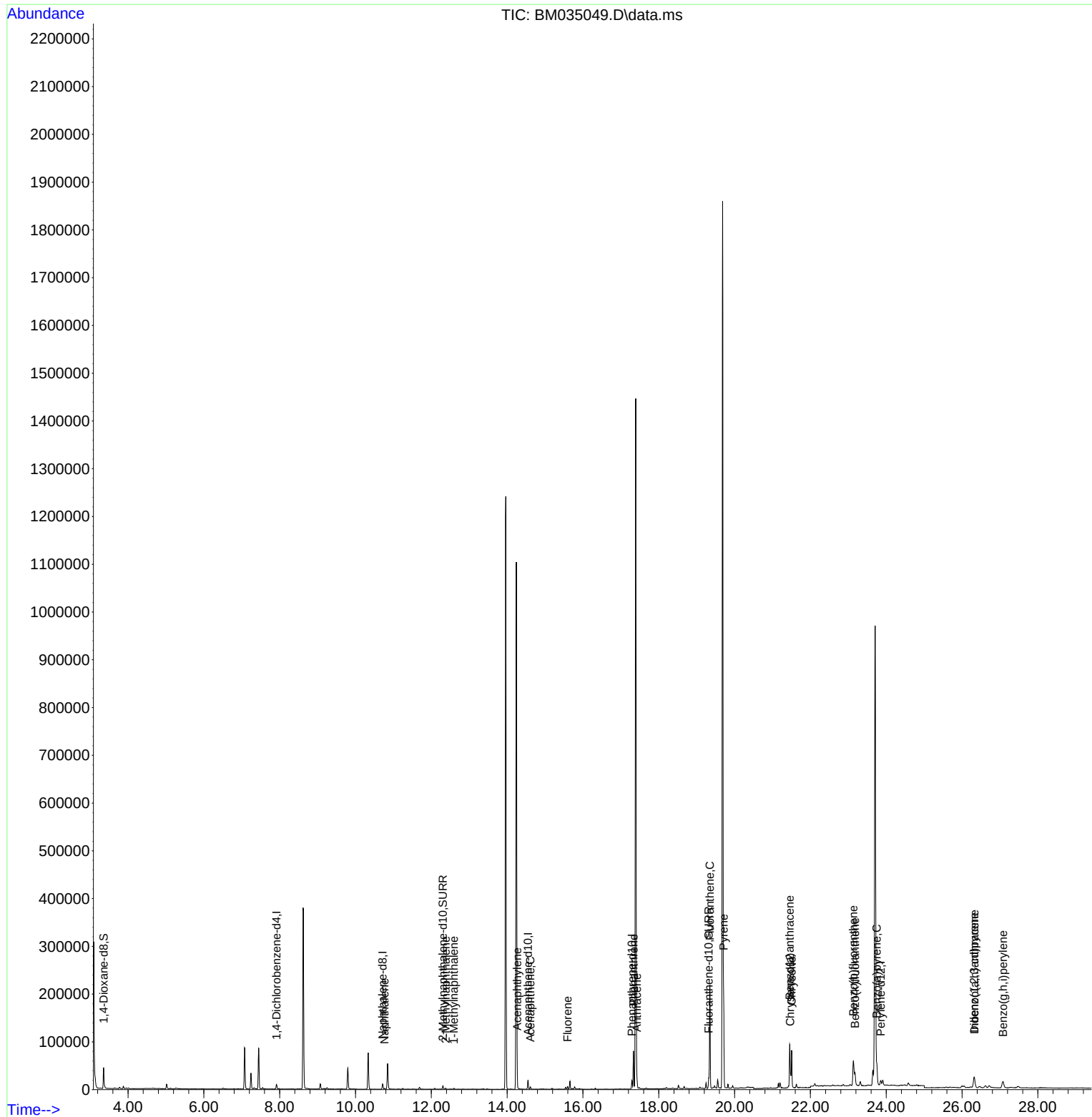
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035049.D
Acq On : 14 May 2022 04:42
Operator : CG/JU
Sample : N2603-16
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ALS Vial : 23 Sample Multiplier: 1

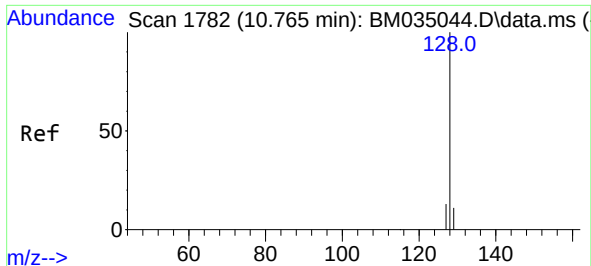
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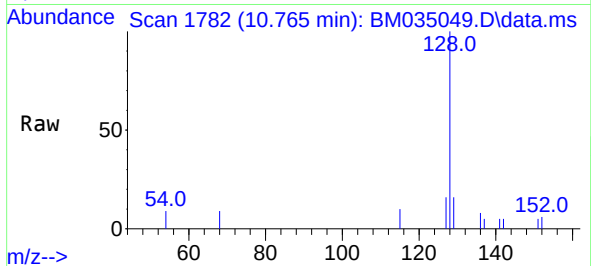
Quant Time: May 14 05:33:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

Instrument :
BNA_M
ClientSampleId :
EW496

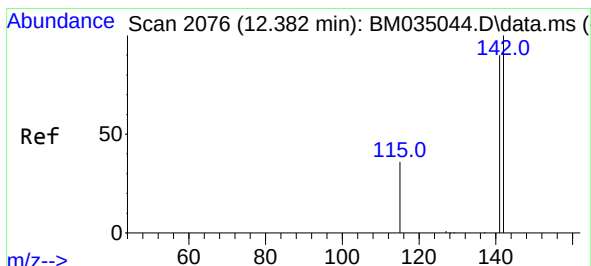
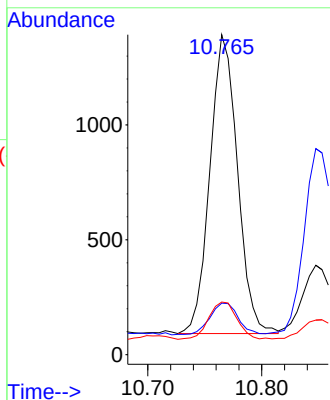
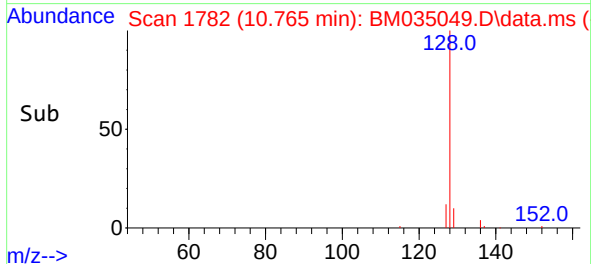


Tgt Ion:128 Resp: 2180

Ion	Ratio	Lower	Upper
128	100		
129	16.1	13.4	20.2
127	16.4	15.2	22.8

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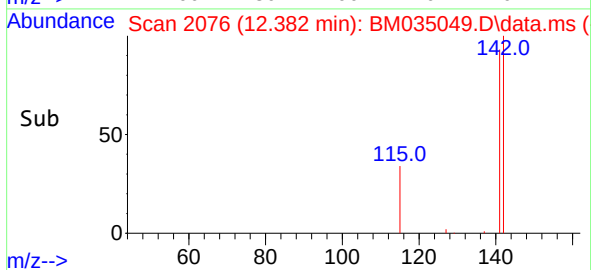
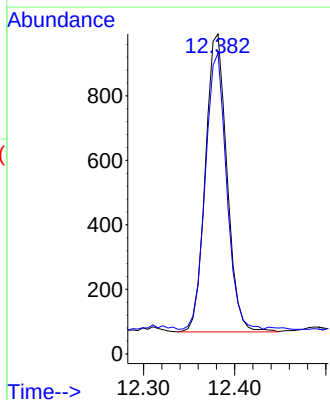
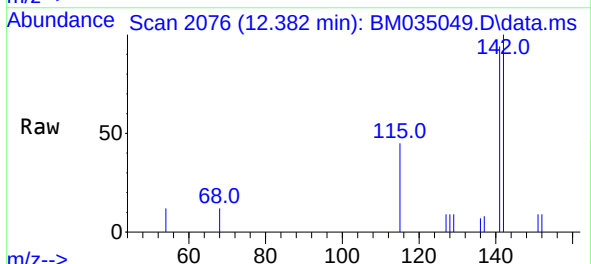
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

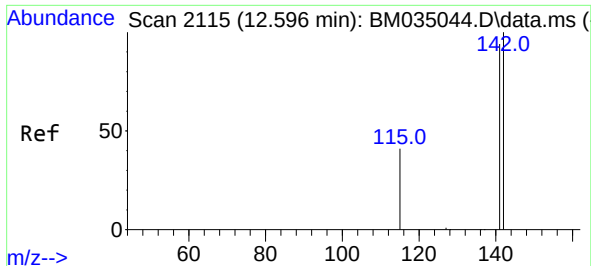


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

Tgt Ion:142 Resp: 1517

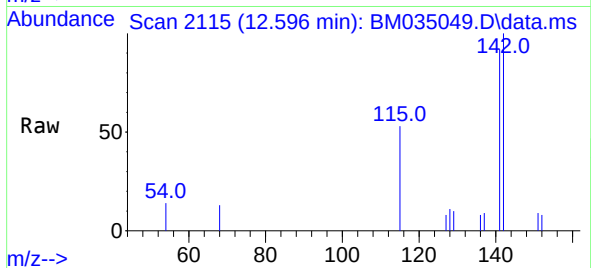
Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.8	107.6





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

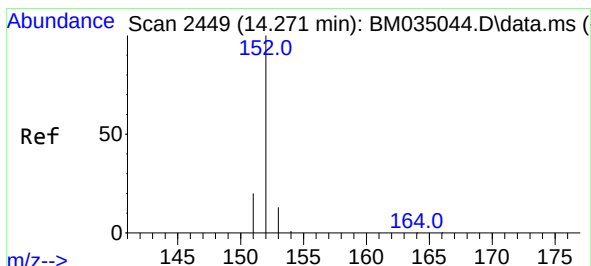
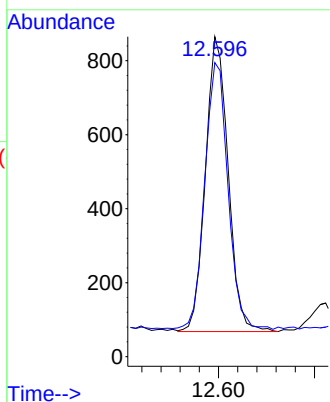
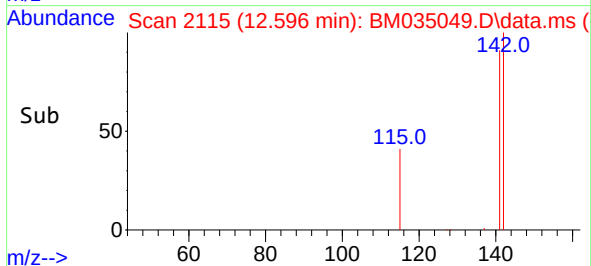
Instrument :
BNA_M
ClientSampleId :
EW496



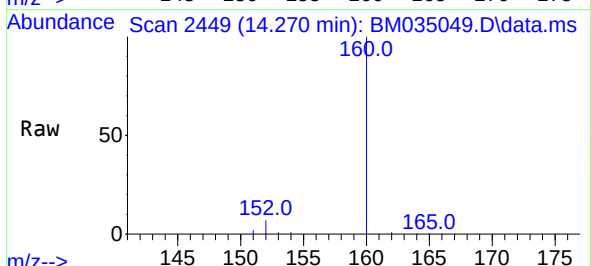
Tgt Ion:142 Resp: 1300
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

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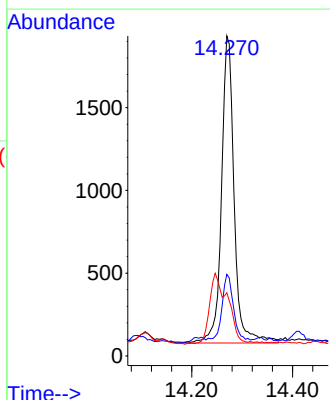
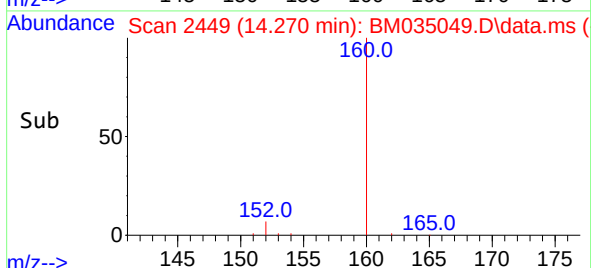
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

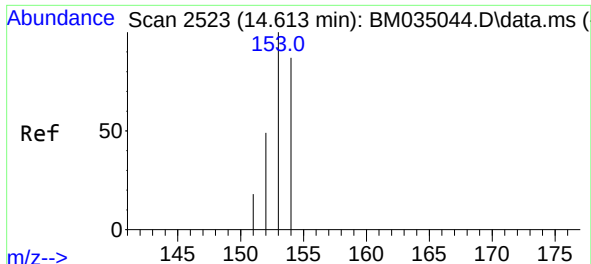


#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42



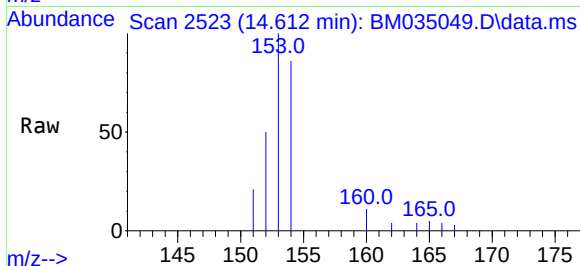
Tgt Ion:152 Resp: 3247
Ion Ratio Lower Upper
152 100
151 25.5 19.9 29.9
153 19.8 15.0 22.4





#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.612 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

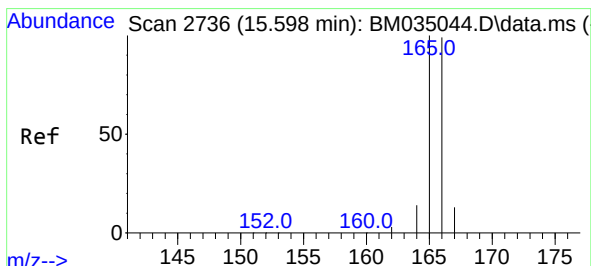
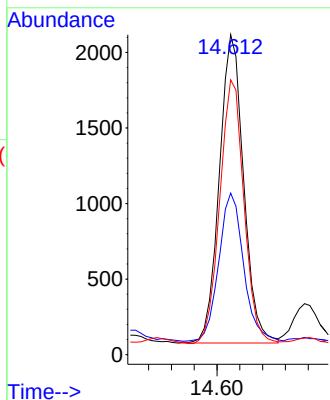
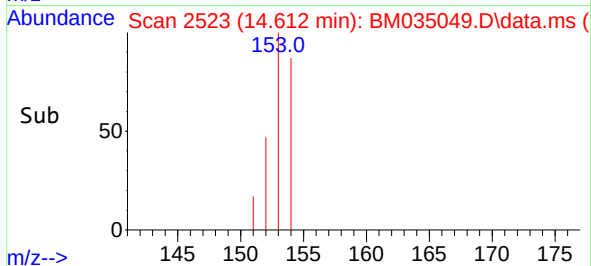
Instrument :
BNA_M
ClientSampleId :
EW496



Tgt Ion:153 Resp: 3008
Ion Ratio Lower Upper
153 100
152 50.5 42.4 63.6
154 85.9 66.2 99.2

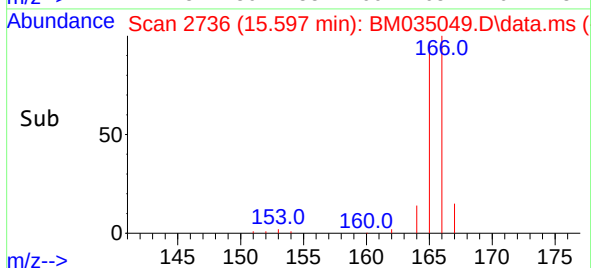
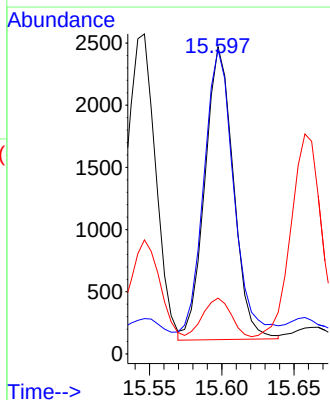
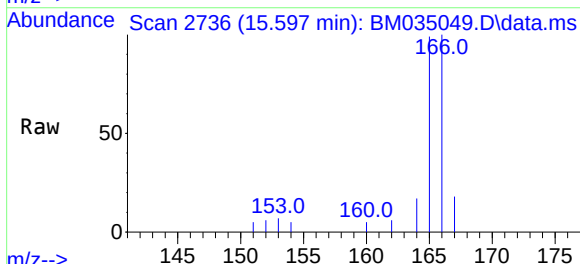
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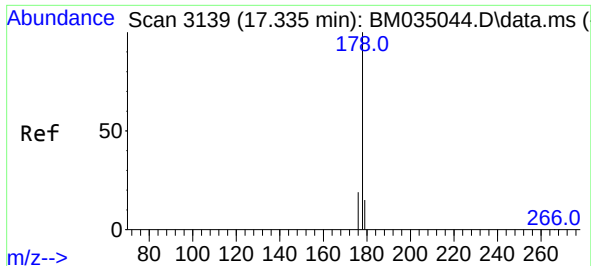
Reviewed By :Jagrut Upadhyay 05/16/2022
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#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

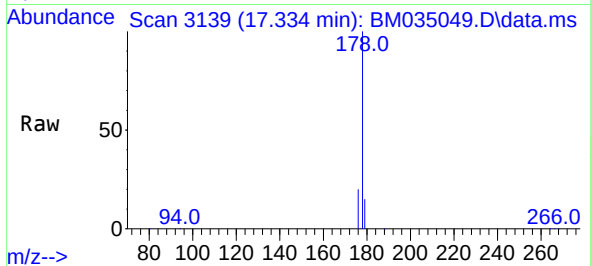
Tgt Ion:166 Resp: 3241
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 18.2 14.9 22.3





#15
Phenanthrene
Concen: 1.030 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

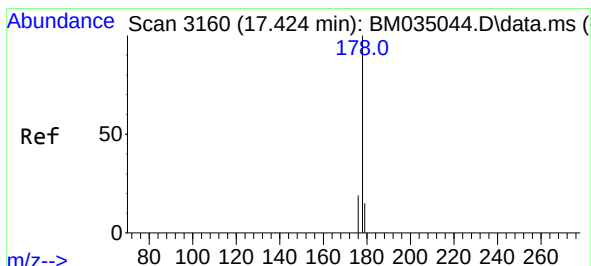
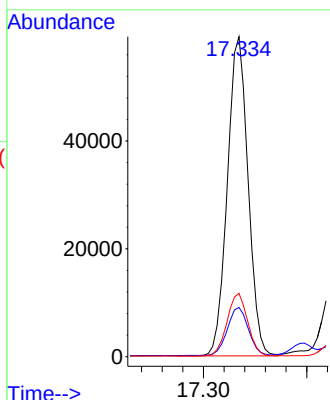
Instrument :
BNA_M
ClientSampleId :
EW496



Tgt Ion:178 Resp: 8236
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.8 17.9 26.9

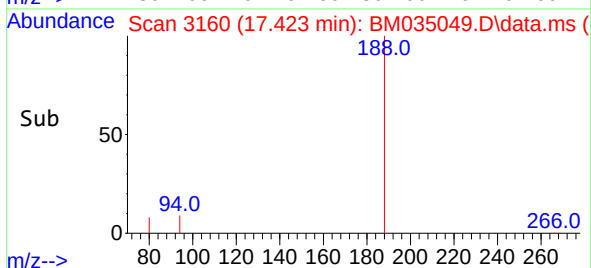
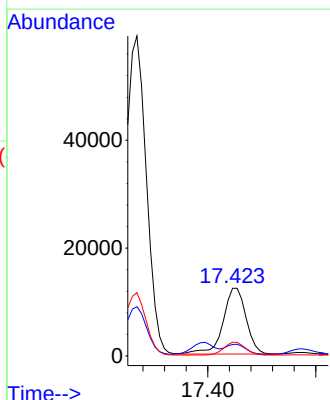
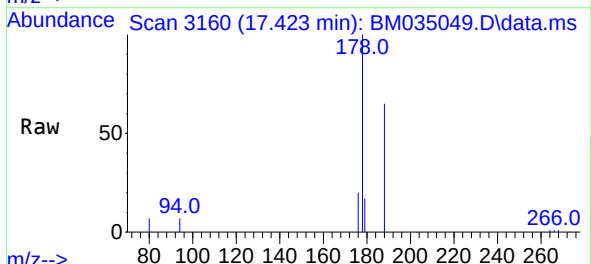
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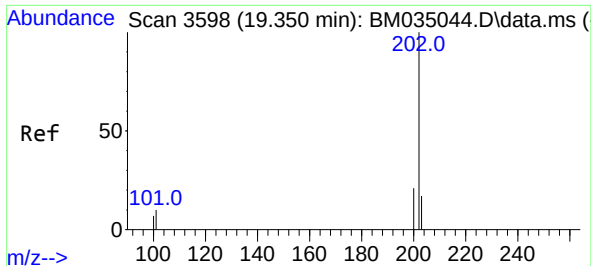
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#16
Anthracene
Concen: 0.249 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

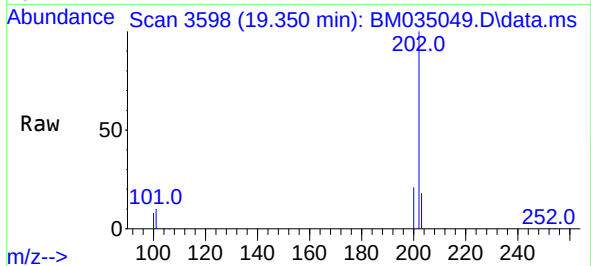
Tgt Ion:178 Resp: 18150
Ion Ratio Lower Upper
178 100
179 17.0 16.5 24.7
176 20.3 18.3 27.5





#19
Fluoranthene
Concen: 1.965 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

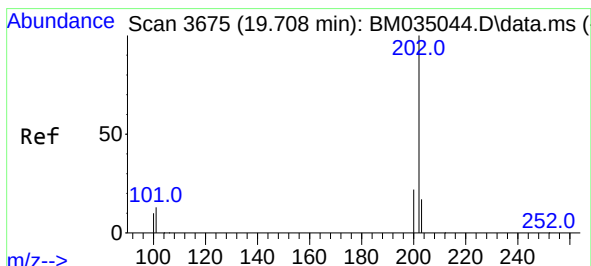
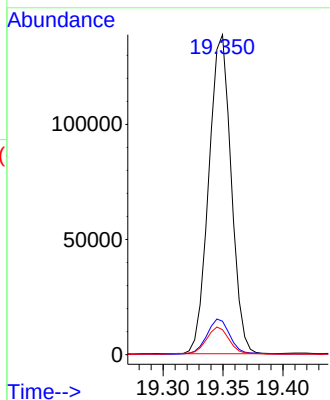
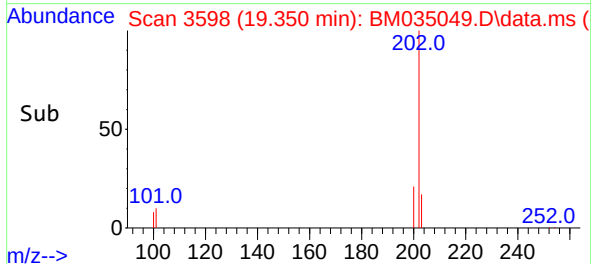
Instrument :
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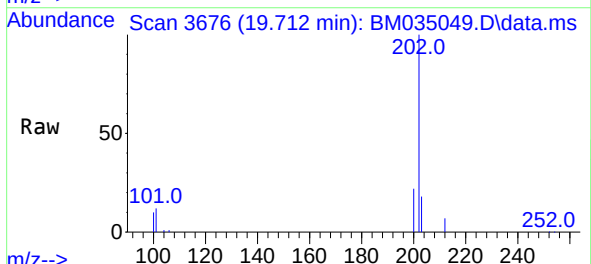
Tgt Ion:202 Resp: 17998
Ion Ratio Lower Upper
202 100
101 10.4 9.2 13.8
100 7.8 7.2 10.8

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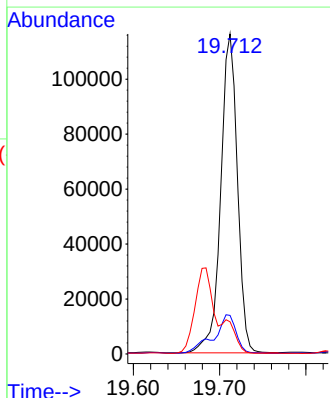
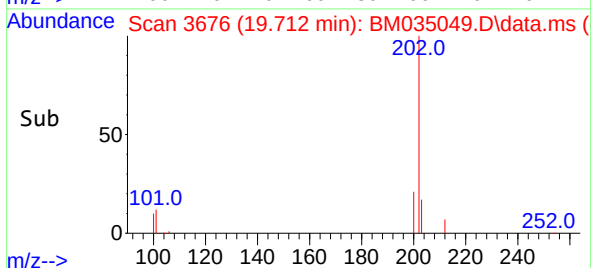
Reviewed By :Jagrut Upadhyay 05/16/2022
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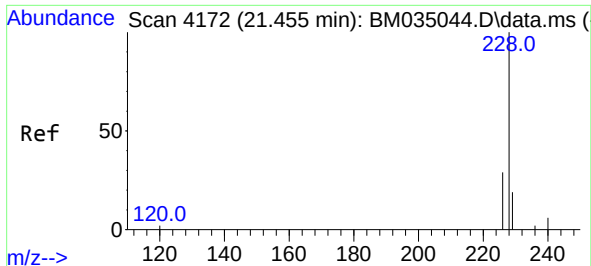


#20
Pyrene
Concen: 1.679 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42



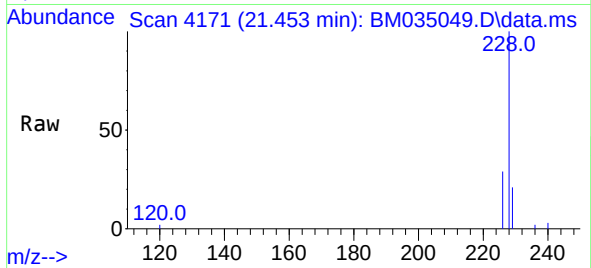
Tgt Ion:202 Resp: 156273
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 10.1 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.992 ng/ul
RT: 21.453 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

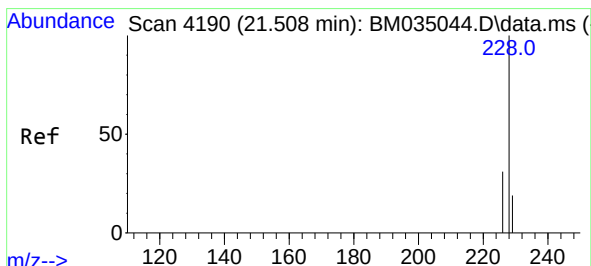
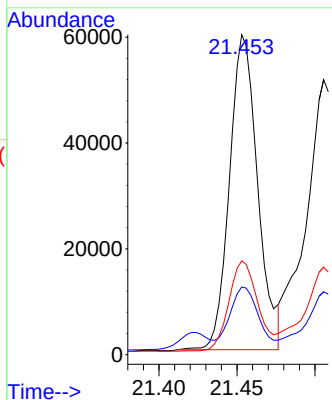
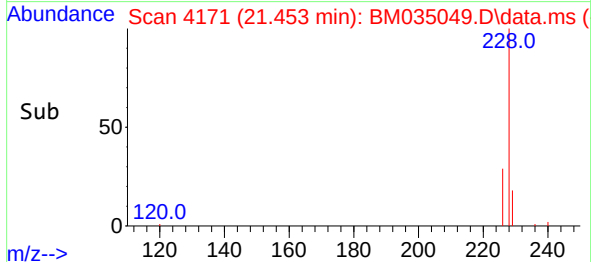
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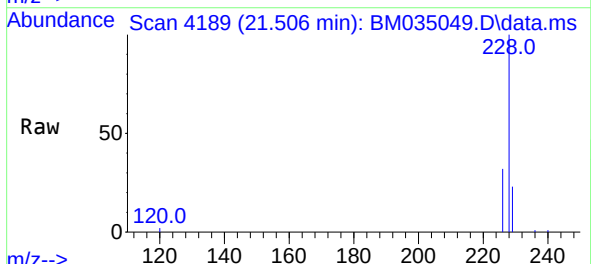
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Ion Ratio Lower Upper
228 100
229 21.1 17.3 25.9
226 29.3 23.2 34.8

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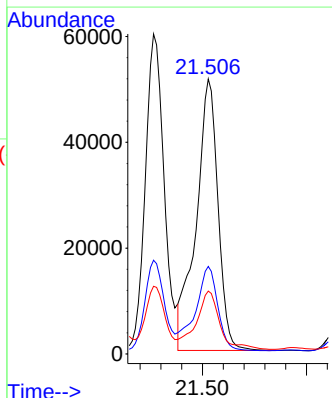
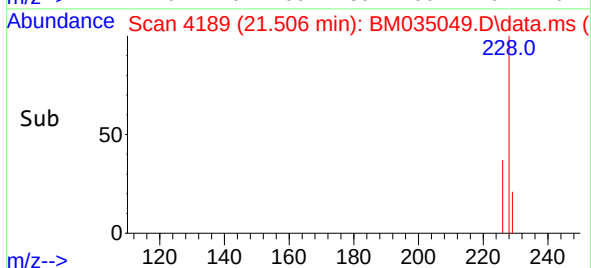
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

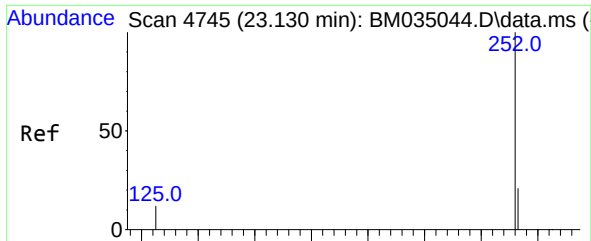


#22
Chrysene
Concen: 0.954 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42



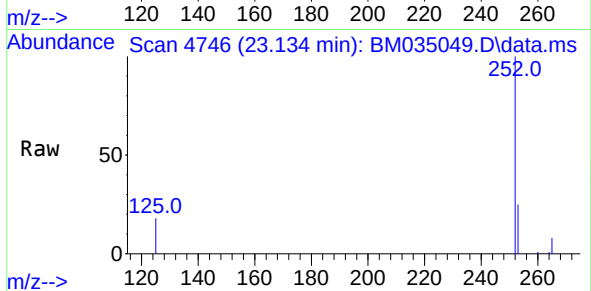
Tgt Ion:228 Resp: 74914
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 22.9 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.215 ng/ul m
RT: 23.134 min Scan# 4745
Delta R.T. -0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

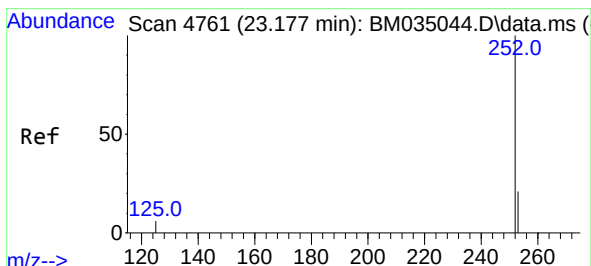
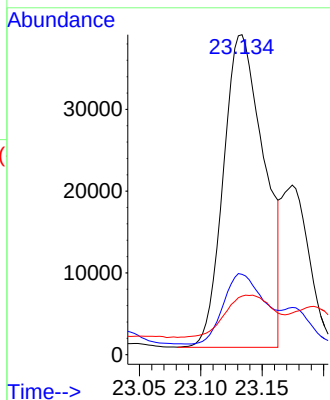
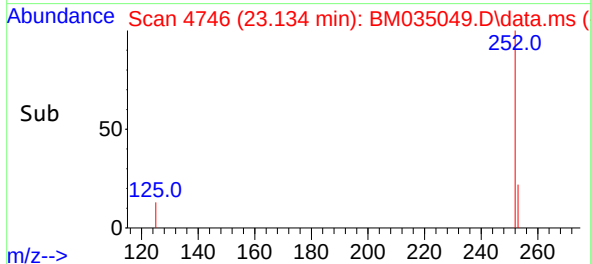
Instrument :
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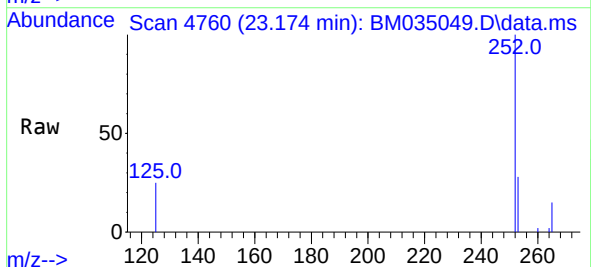
Tgt Ion:252 Resp: 8826
Ion Ratio Lower Upper
252 100
253 25.1 0.0 64.2
125 18.3 0.0 28.8

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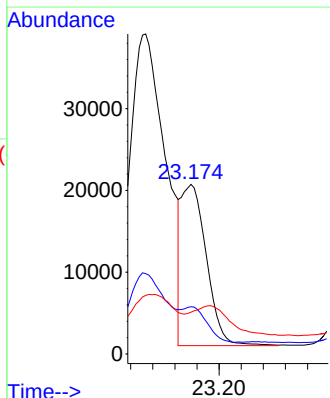
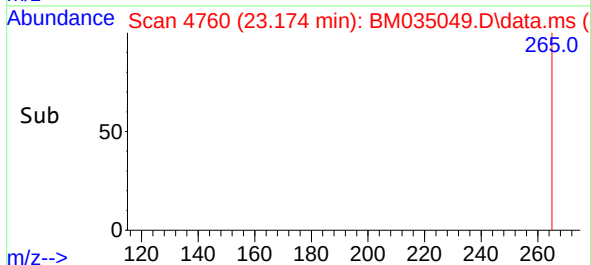
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

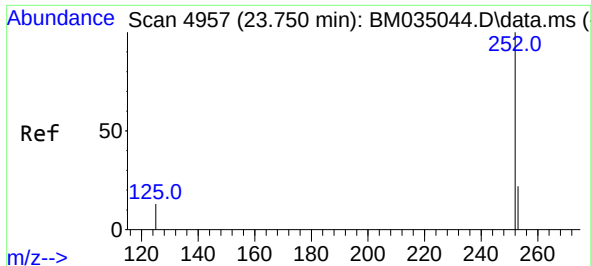


#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. -0.006 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42



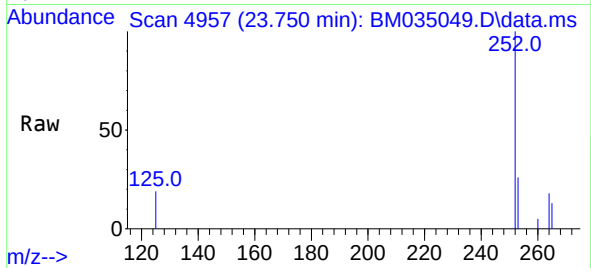
Tgt Ion:252 Resp: 31078
Ion Ratio Lower Upper
252 100
253 27.9 26.8 40.2
125 24.6 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.876 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

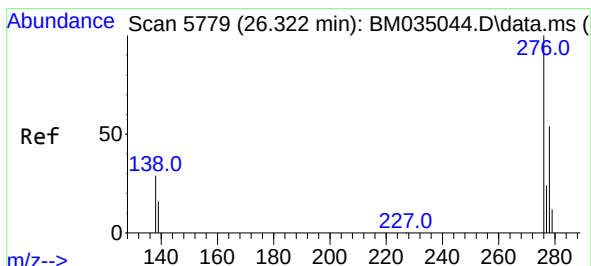
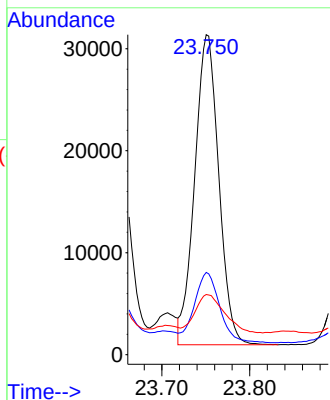
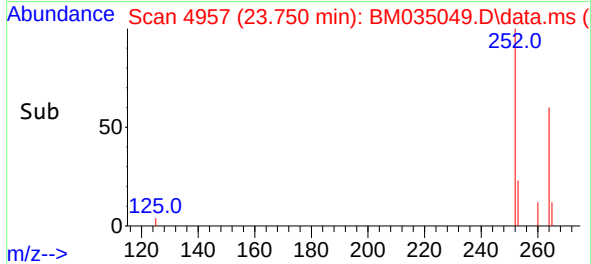
Instrument :
BNA_M
ClientSampleId :
EW496



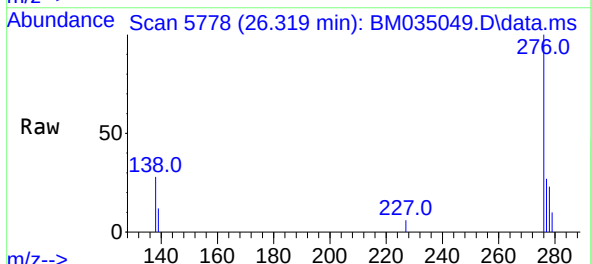
Tgt Ion:252 Resp: 57884
Ion Ratio Lower Upper
252 100
253 25.7 32.0 48.0#
125 18.8 14.5 21.7

Manual Integrations
APPROVED

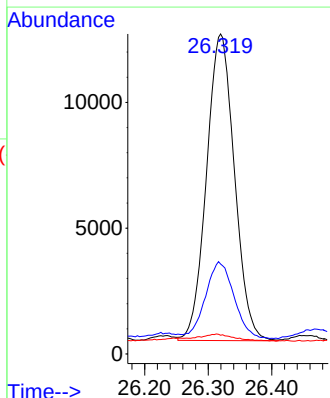
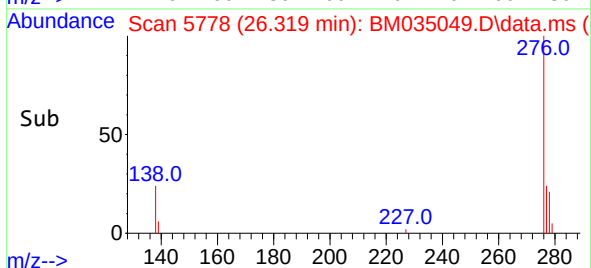
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

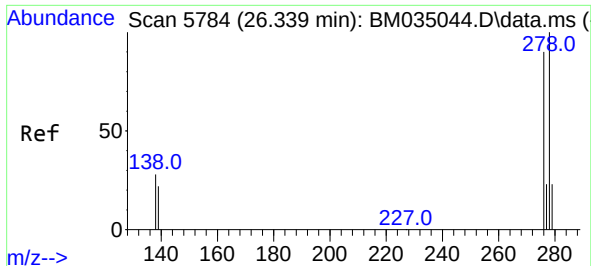


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.569 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42



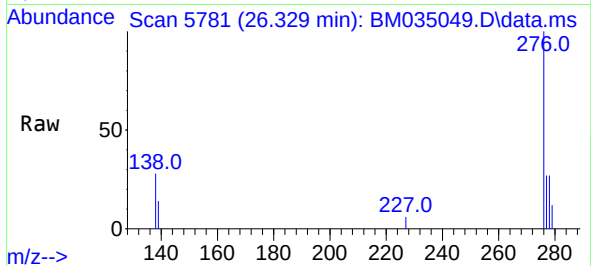
Tgt Ion:276 Resp: 37223
Ion Ratio Lower Upper
276 100
138 25.6 15.8 23.6#
227 2.5 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 26.329 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42

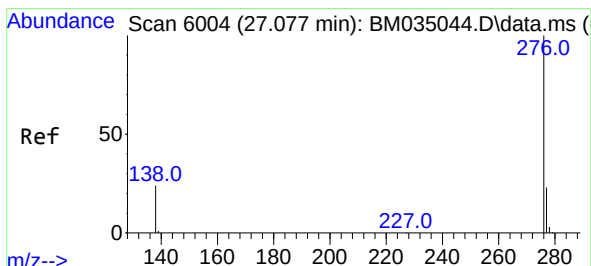
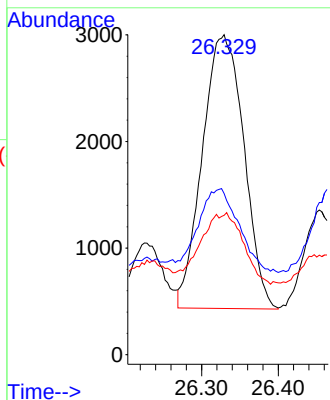
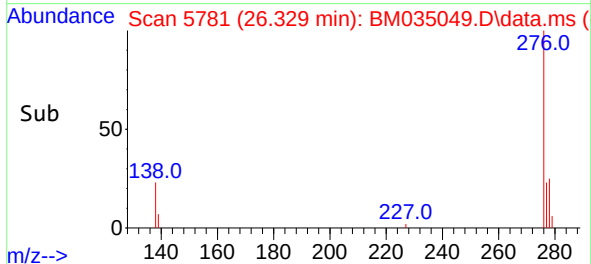
Instrument :
BNA_M
ClientSampleId :
EW496



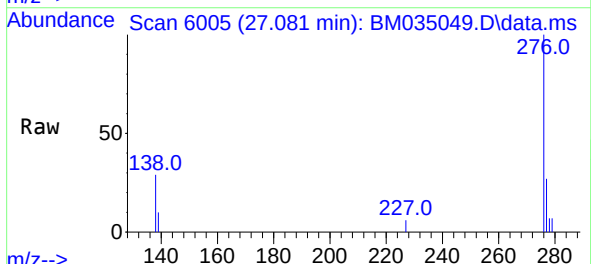
Tgt Ion:278 Resp: 965
Ion Ratio Lower Upper
278 100
139 50.3 18.0 27.0
279 43.5 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.533 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.000 min
Lab File: BM035049.D
Acq: 14 May 2022 04:42



Tgt Ion:276 Resp: 29983
Ion Ratio Lower Upper
276 100
138 29.0 17.4 26.0
277 27.1 22.6 33.8

