

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
 Data File : BM035084.D
 Acq On : 15 May 2022 02:56
 Operator : CG/JU
 Sample : N2632-05DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A6DL

Manual Integrations
 APPROVED

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

Quant Time: May 15 03:39:42 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	3123	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	10085	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	6856	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	15682	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	14978	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	13913	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1590	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	441	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	1548	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.270	152	1094	0.027	ng/ul	95
11) Acenaphthene	14.613	153	2333	0.080	ng/ul	96
12) Fluorene	15.598	166	2779	0.081	ng/ul	98
15) Phenanthrene	17.335	178	55120	0.923	ng/ul	93
16) Anthracene	17.424	178	12647	0.232	ng/ul#	92
19) Fluoranthene	19.350	202	117049	1.392	ng/ul	95
20) Pyrene	19.713	202	99407	1.164	ng/ul	98
21) Benzo(a)anthracene	21.455	228	52982	0.764	ng/ul	98
22) Chrysene	21.508	228	47182	0.654	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	67410	0.924	ng/ul	90
25) Benzo(k)fluoranthene	23.176	252	18882m	0.271	ng/ul	
26) Benzo(a)pyrene	23.752	252	42881	0.646	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.325	276	25828	0.393	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.335	278	6100	0.117	ng/ul#	85
29) Benzo(g,h,i)perylene	27.080	276	20094	0.356	ng/ul	94

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

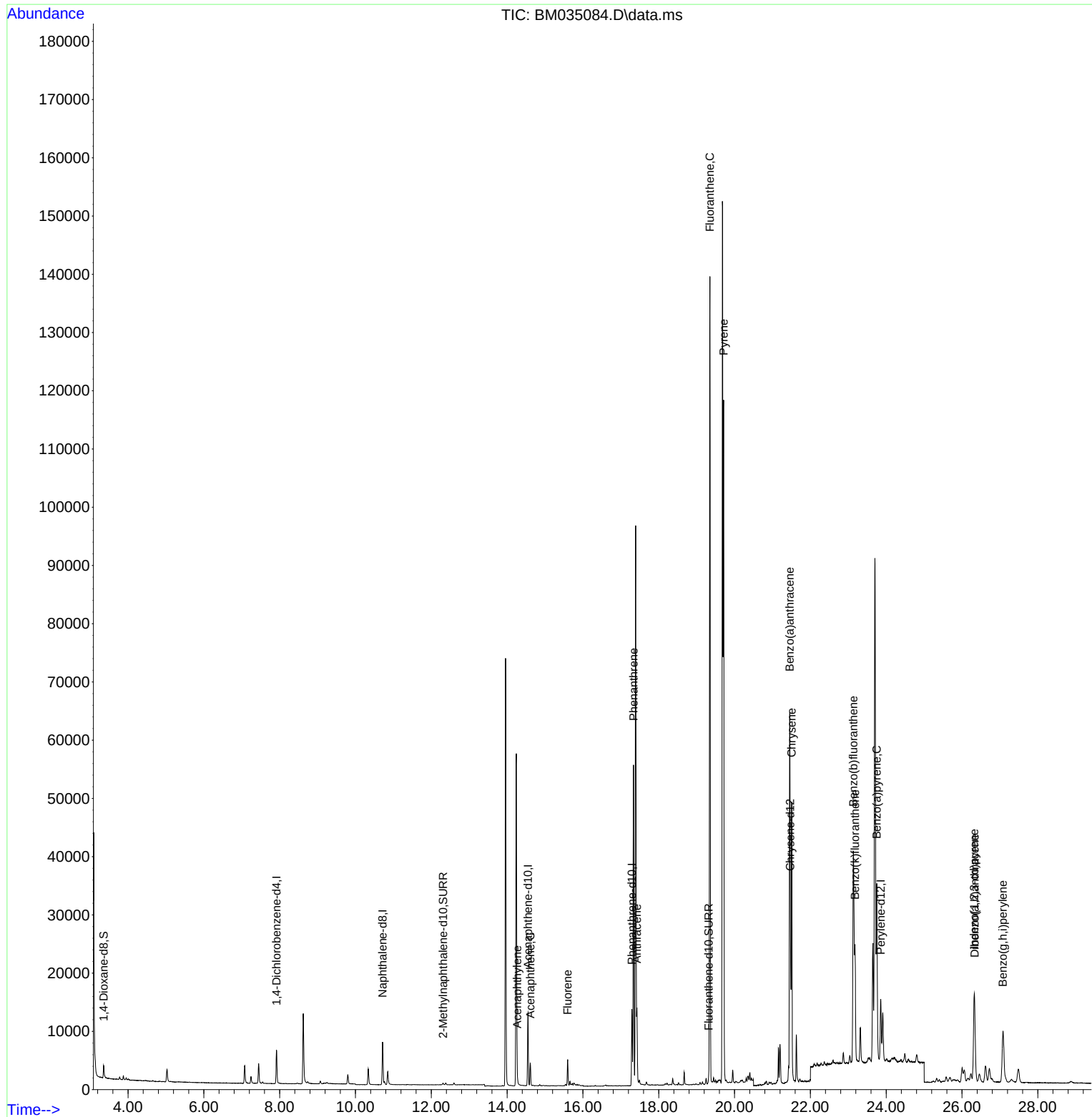
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051322\
Data File : BM035084.D
Acq On : 15 May 2022 02:56
Operator : CG/JU
Sample : N2632-05DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

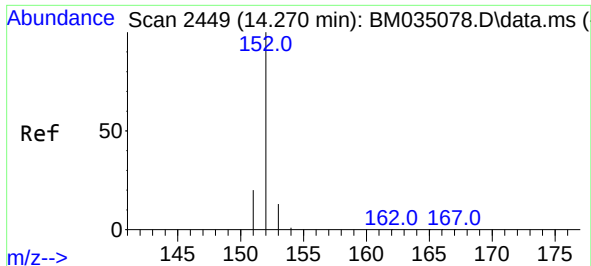
Instrument :
BNA_M
ClientSampleId :
EW4A6DL

Manual Integrations
APPROVED

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

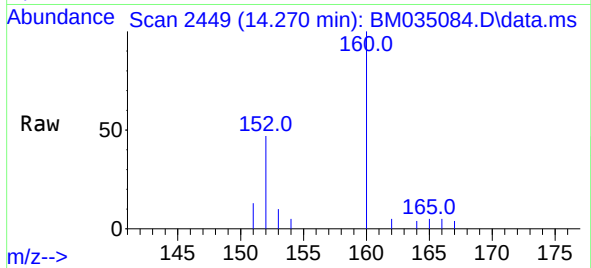
Quant Time: May 15 03:39:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.027 ng/u1
RT: 14.270 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56

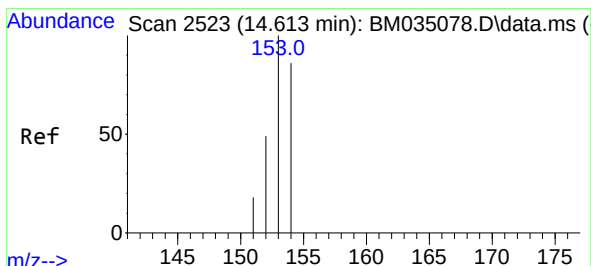
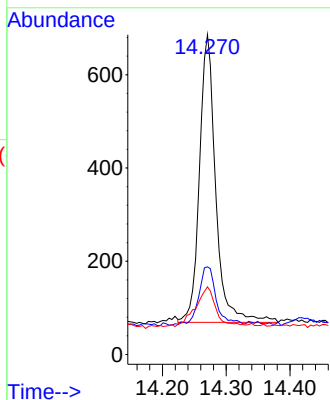
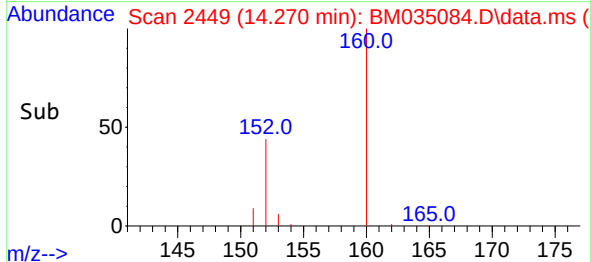
Instrument :
BNA_M
ClientSampleId :
EW4A6DL



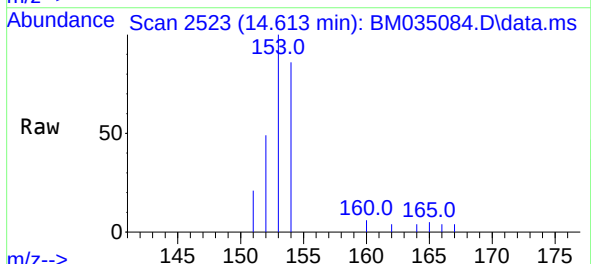
Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.4	19.9	29.9
153	21.1	15.0	22.4

Manual Integrations
APPROVED

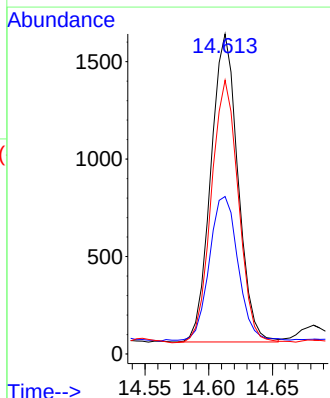
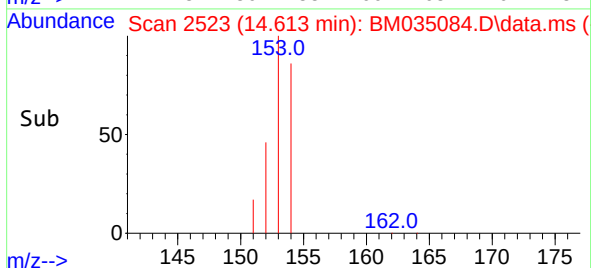
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

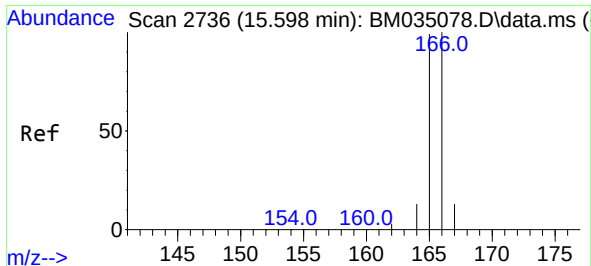


#11
Acenaphthene
Concen: 0.080 ng/u1
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56



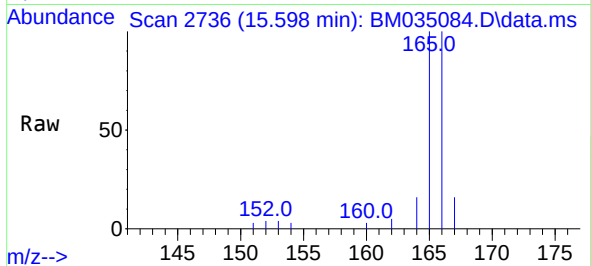
Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	42.4	63.6
154	85.6	66.2	99.2





#12
Fluorene
Concen: 0.081 ng/u1
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56

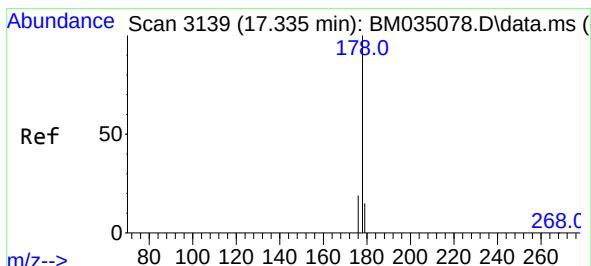
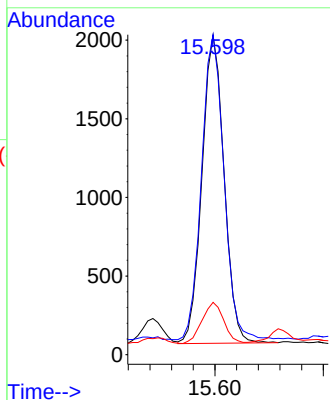
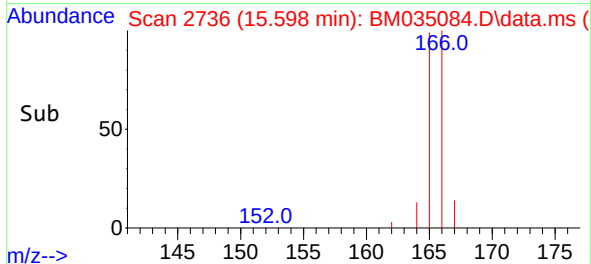
Instrument :
BNA_M
ClientSampleId :
EW4A6DL



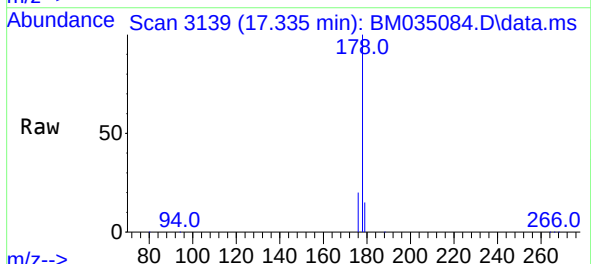
Tgt Ion:166 Resp: 2779
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 16.4 14.9 22.3

Manual Integrations
APPROVED

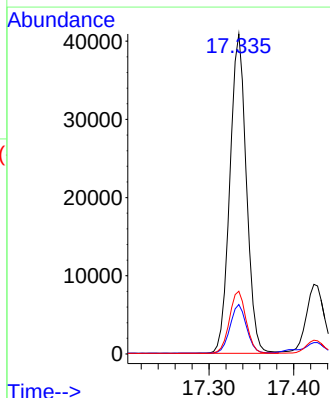
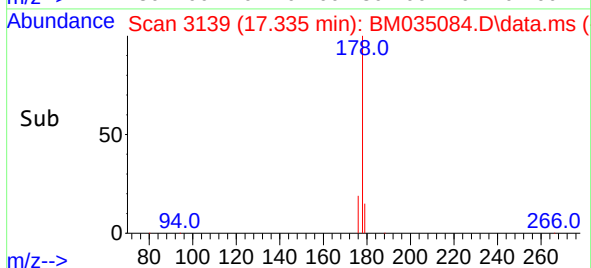
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

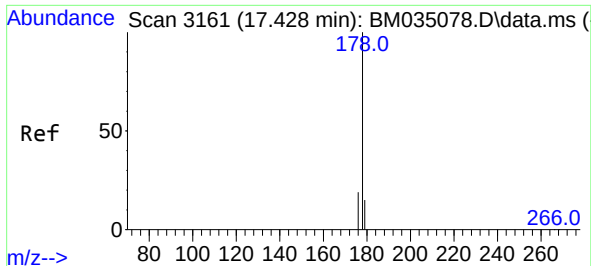


#15
Phenanthrene
Concen: 0.923 ng/u1
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56



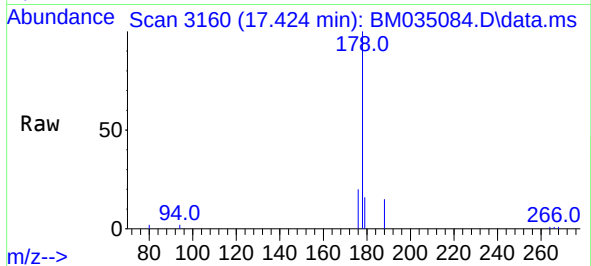
Tgt Ion:178 Resp: 55120
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 0.232 ng/ul
 RT: 17.424 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM035084.D
 Acq: 15 May 2022 02:56

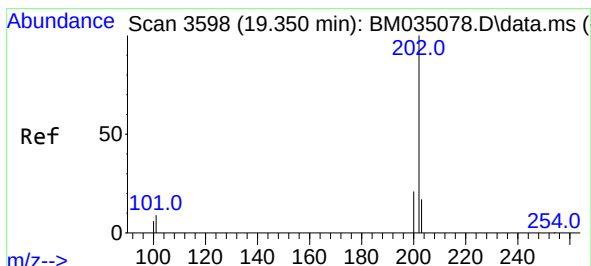
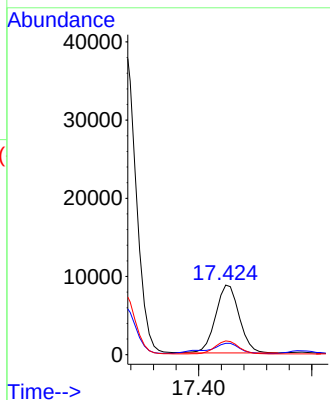
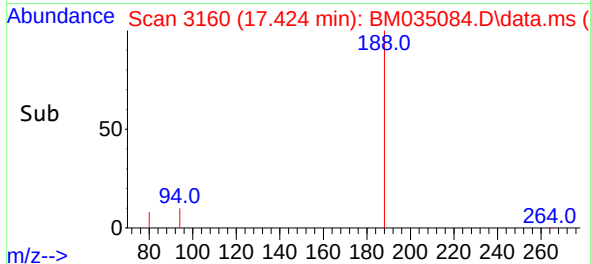
Instrument :
 BNA_M
 ClientSampleId :
 EW4A6DL



Tgt Ion:178 Resp: 12645
 Ion Ratio Lower Upper
 178 100
 179 16.4 16.5 24.7
 176 19.9 18.3 27.5

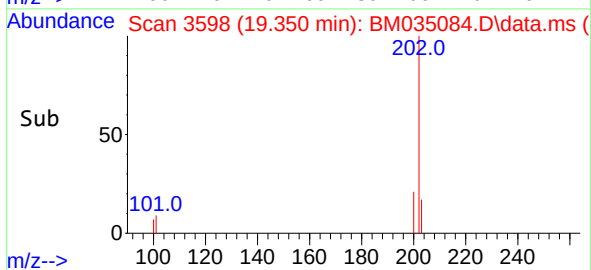
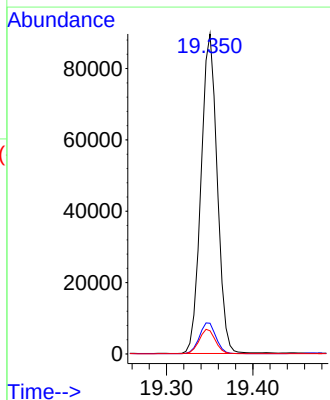
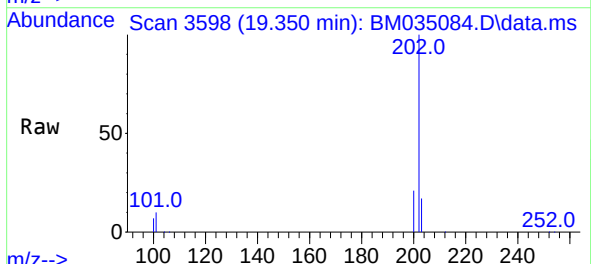
Manual Integrations
 APPROVED

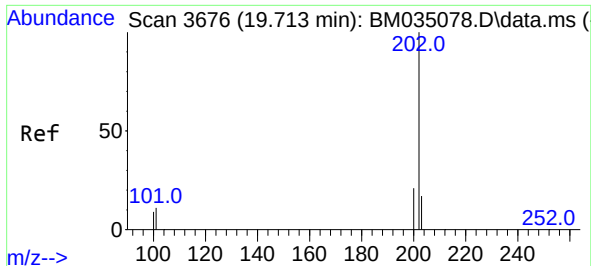
Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022



#19
 Fluoranthene
 Concen: 1.392 ng/ul
 RT: 19.350 min Scan# 3598
 Delta R.T. 0.001 min
 Lab File: BM035084.D
 Acq: 15 May 2022 02:56

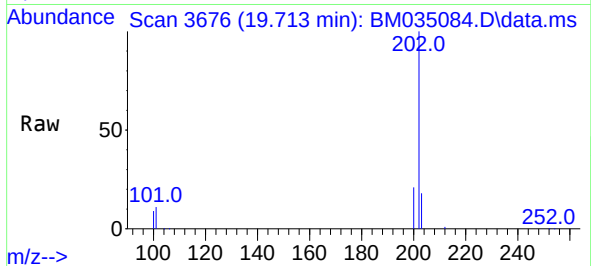
Tgt Ion:202 Resp: 117049
 Ion Ratio Lower Upper
 202 100
 101 9.6 9.2 13.8
 100 7.3 7.2 10.8





#20
Pyrene
Concen: 1.164 ng/ul
RT: 19.713 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56

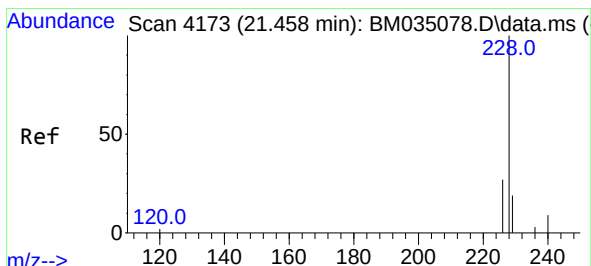
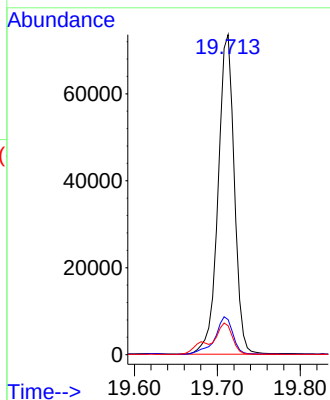
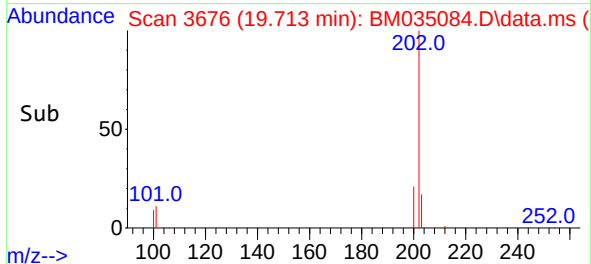
Instrument :
BNA_M
ClientSampleId :
EW4A6DL



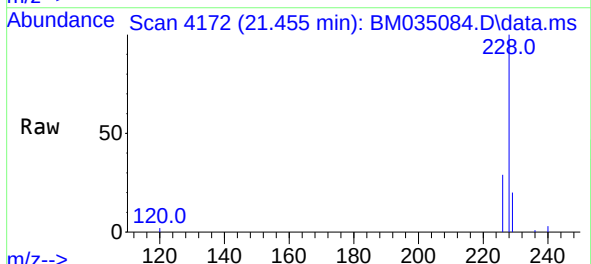
Tgt Ion:202 Resp: 9940
Ion Ratio Lower Upper
202 100
101 10.9 9.3 13.9
100 9.0 7.8 11.6

Manual Integrations
APPROVED

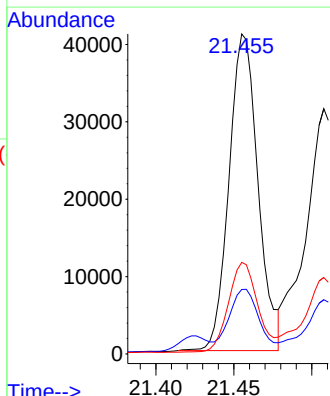
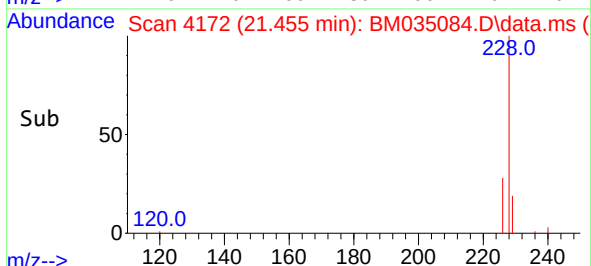
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

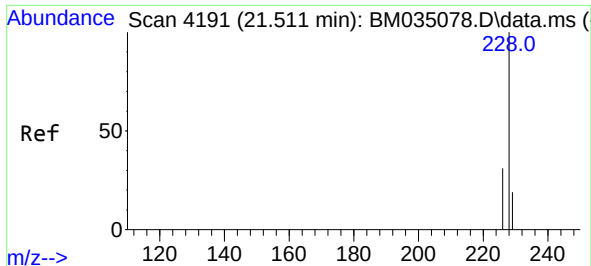


#21
Benzo(a)anthracene
Concen: 0.764 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56



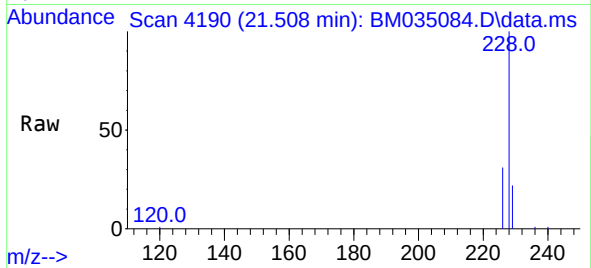
Tgt Ion:228 Resp: 52982
Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 28.6 23.2 34.8





#22
Chrysene
Concen: 0.654 ng/ul
RT: 21.508 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56

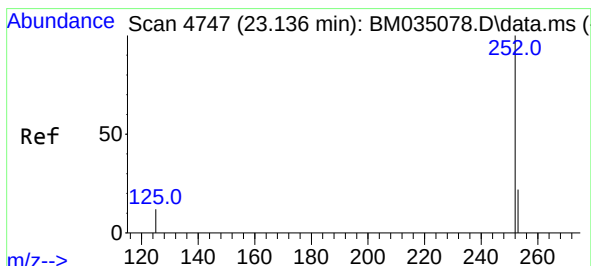
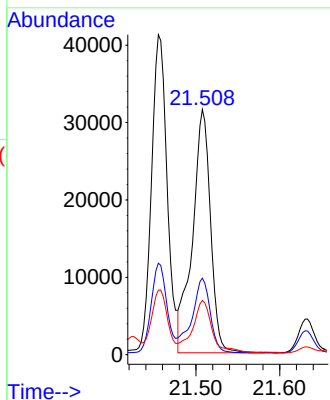
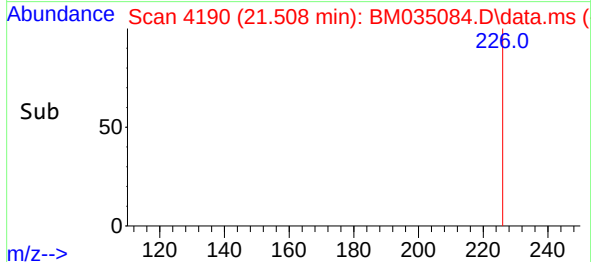
Instrument :
BNA_M
ClientSampleId :
EW4A6DL



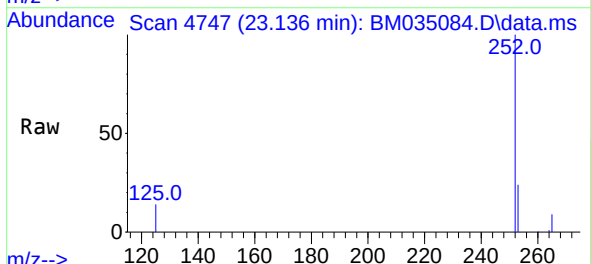
Tgt Ion:228 Resp: 4718
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 22.1 16.7 25.1

Manual Integrations
APPROVED

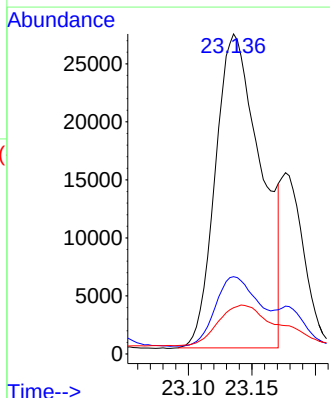
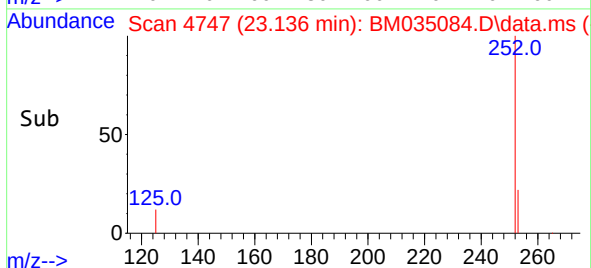
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

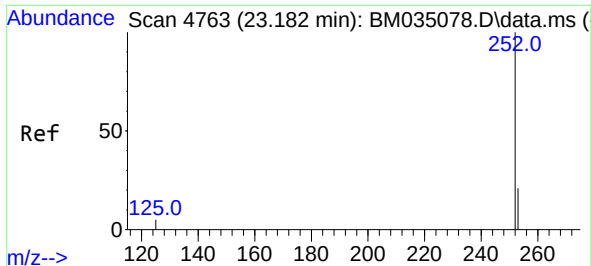


#24
Benzo(b)fluoranthene
Concen: 0.924 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. 0.002 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56



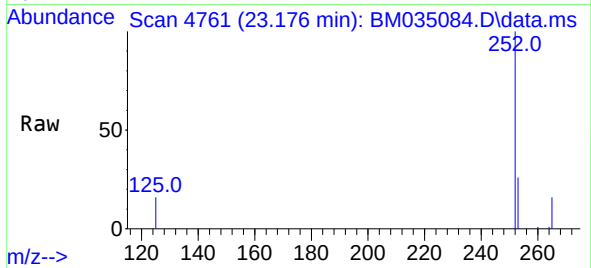
Tgt Ion:252 Resp: 67410
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 14.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.271 ng/ul m
RT: 23.176 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56

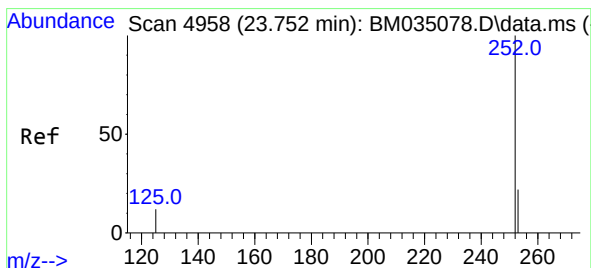
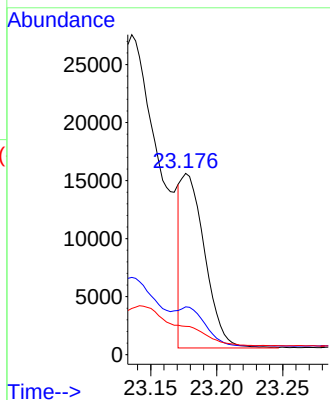
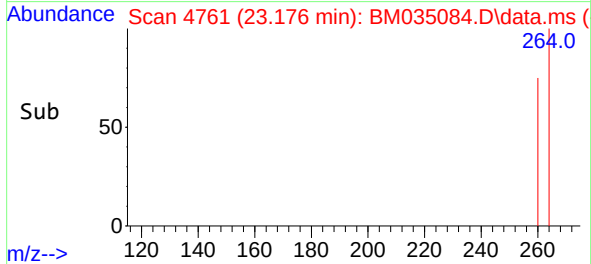
Instrument :
BNA_M
ClientSampleId :
EW4A6DL



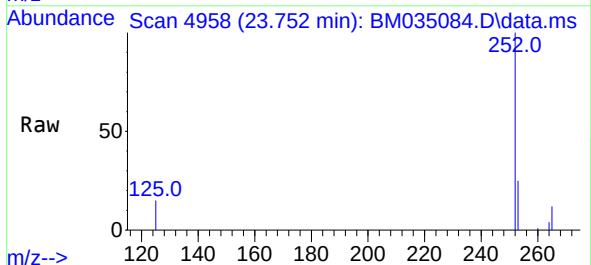
Tgt Ion:252 Resp: 1888
Ion Ratio Lower Upper
252 100
253 26.4 26.8 40.2
125 15.6 12.0 18.0

Manual Integrations
APPROVED

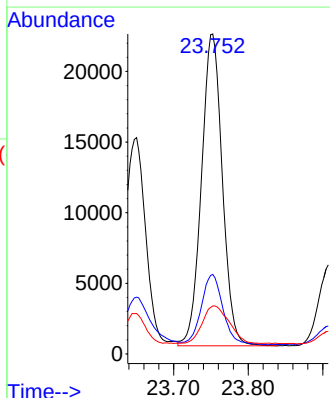
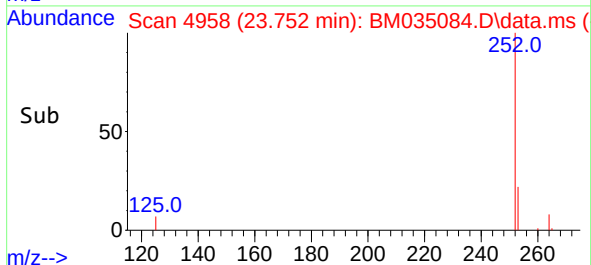
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

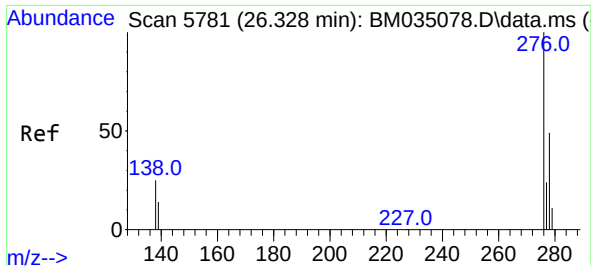


#26
Benzo(a)pyrene
Concen: 0.646 ng/ul
RT: 23.752 min Scan# 4958
Delta R.T. 0.002 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56



Tgt Ion:252 Resp: 42881
Ion Ratio Lower Upper
252 100
253 24.8 32.0 48.0#
125 15.0 14.5 21.7





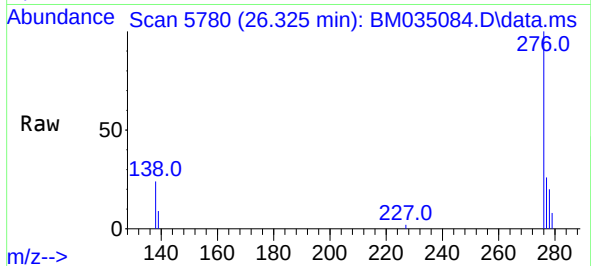
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.325 min Scan# 5781
Delta R.T. -0.001 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56

Instrument :

BNA_M

ClientSampleId :

EW4A6DL

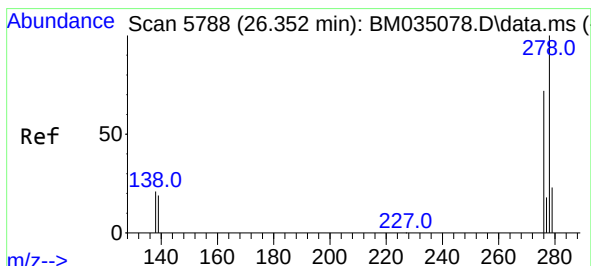
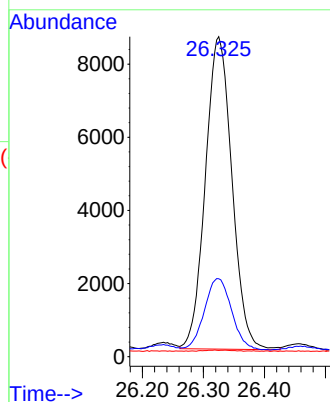


Tgt Ion:276 Resp: 25828
Ion Ratio Lower Upper
276 100
138 23.6 15.8 23.6
227 0.4 0.0 0.0

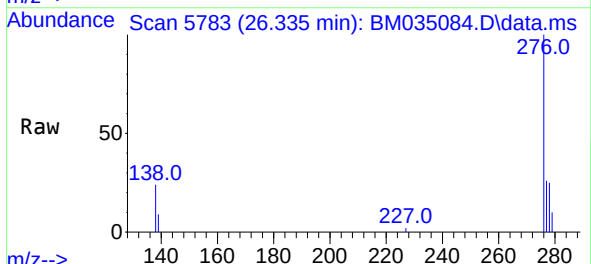
Manual Integrations

APPROVED

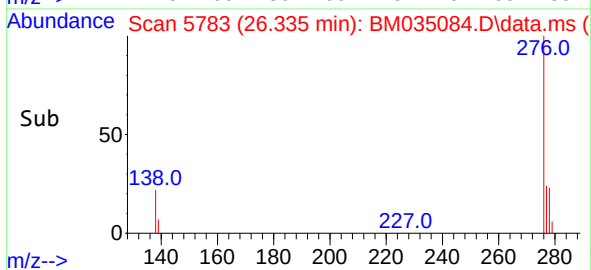
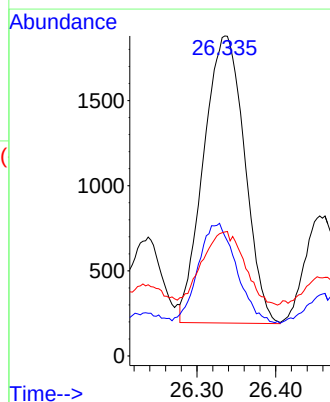
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

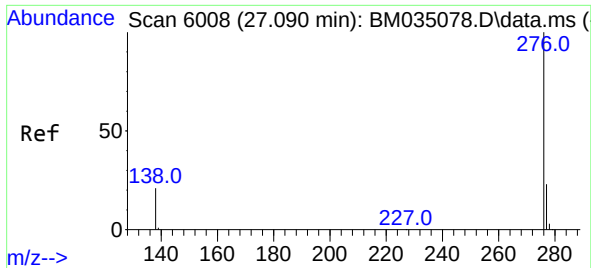


#28
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 26.335 min Scan# 5783
Delta R.T. -0.008 min
Lab File: BM035084.D
Acq: 15 May 2022 02:56



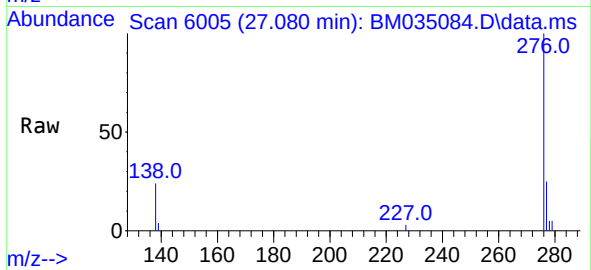
Tgt Ion:278 Resp: 6100
Ion Ratio Lower Upper
278 100
139 37.5 18.0 27.0
279 38.7 28.6 42.8





#29
 Benzo(g,h,i)perylene
 Concen: 0.356 ng/ul
 RT: 27.080 min Scan# 6005
 Delta R.T. -0.001 min
 Lab File: BM035084.D
 Acq: 15 May 2022 02:56

Instrument :
 BNA_M
 ClientSampleId :
 EW4A6DL



Tgt Ion: 276 Resp: 20094

Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.4	26.0
277	25.1	22.6	33.8

Manual Integrations
 APPROVED

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

