

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035588.D
 Acq On : 22 Jun 2022 01:15
 Operator : CG/JU
 Sample : N3292-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4P2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :Yogesh Patel 06/25/2022

Quant Time: Jun 22 02:57:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	4770	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.611	136	16962	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.455	164	10398	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.199	188	20737	0.400	ng/ul	-0.03
17) Chrysene-d12	21.389	240	14661	0.400	ng/ul	-0.02
23) Perylene-d12	23.730	264	14976	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16622	2.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	4283	0.170	ng/ul	-0.02
18) Fluoranthene-d10	19.229	212	8856	0.180	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.661	128	4670	0.081	ng/ul#	95
7) 2-Methylnaphthalene	12.305	142	1357	0.041	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	916	0.030	ng/ul	96
11) Acenaphthene	14.515	153	10068	0.232	ng/ul	98
12) Fluorene	15.505	166	8836	0.180	ng/ul	100
15) Phenanthrene	17.237	178	162243	2.134	ng/ul	97
16) Anthracene	17.330	178	35432	0.532	ng/ul	95
19) Fluoranthene	19.257	202	255316	3.407	ng/ul	98
20) Pyrene	19.619	202	197037	2.508	ng/ul	99
21) Benzo(a)anthracene	21.374	228	82219	1.483	ng/ul	98
22) Chrysene	21.427	228	75558	1.146	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	96471	1.472	ng/ul	89
25) Benzo(k)fluoranthene	23.064	252	35013m	0.515	ng/ul	
26) Benzo(a)pyrene	23.619	252	63342	0.932	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.152	276	44132	0.563	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.155	278	10222	0.160	ng/ul#	88
29) Benzo(g,h,i)perylene	26.893	276	34568	0.493	ng/ul	97

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

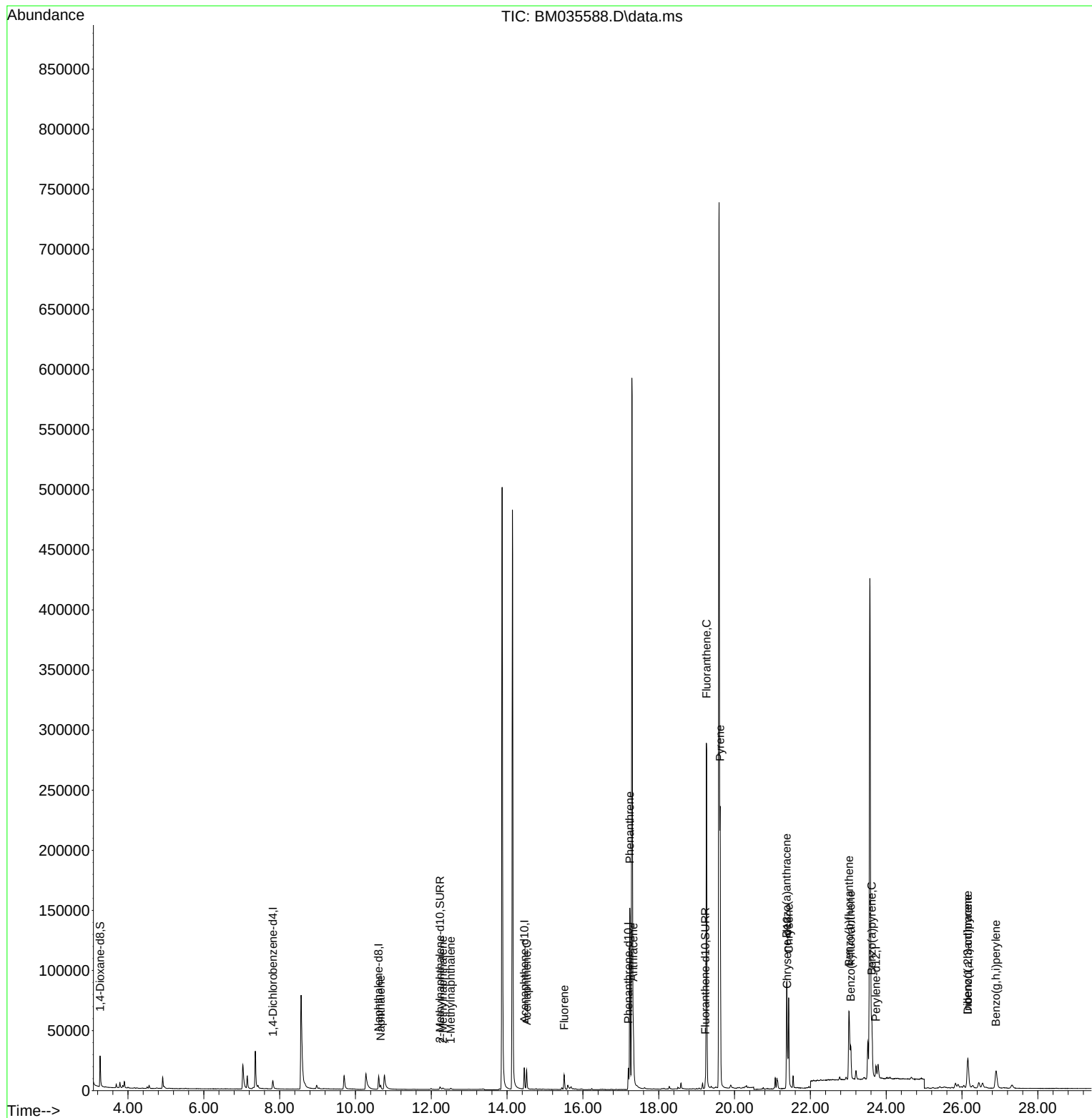
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035588.D
Acq On : 22 Jun 2022 01:15
Operator : CG/JU
Sample : N3292-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

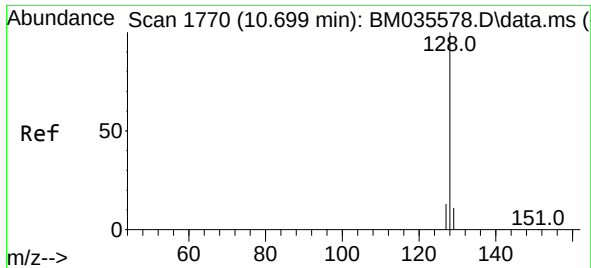
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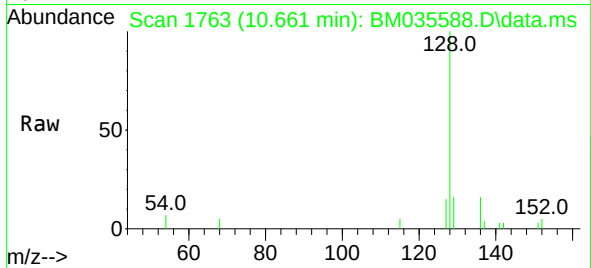
Quant Time: Jun 22 02:57:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. -0.033 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

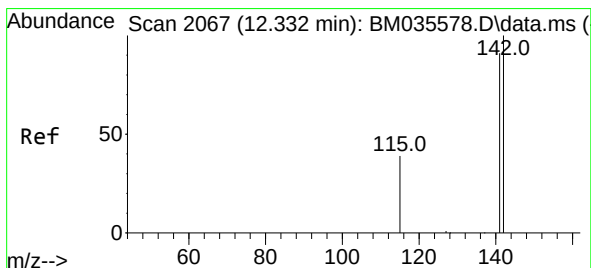
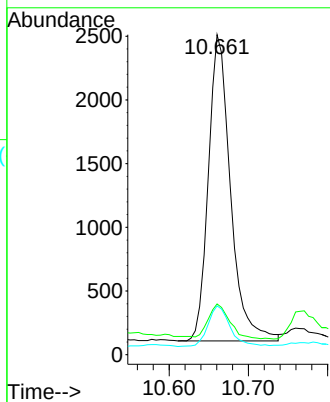
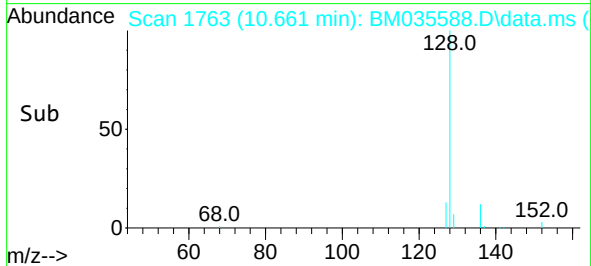
Instrument :
BNA_M
ClientSampleId :
EW4P2



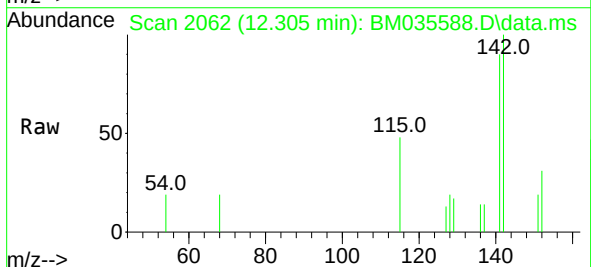
Tgt Ion:128 Resp: 4670
Ion Ratio Lower Upper
128 100
129 15.8 10.1 15.1
127 15.2 11.4 17.2

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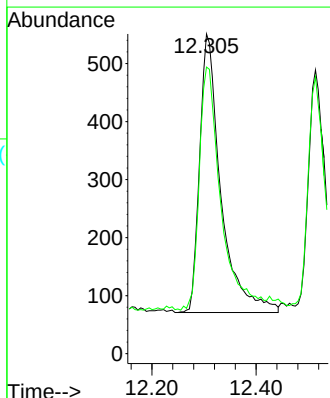
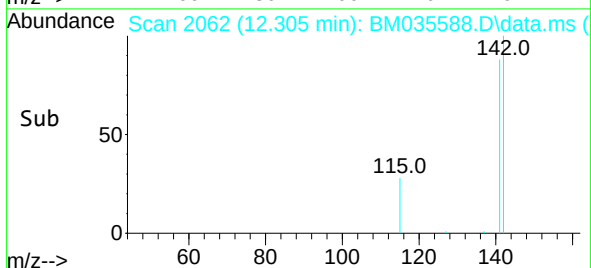
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

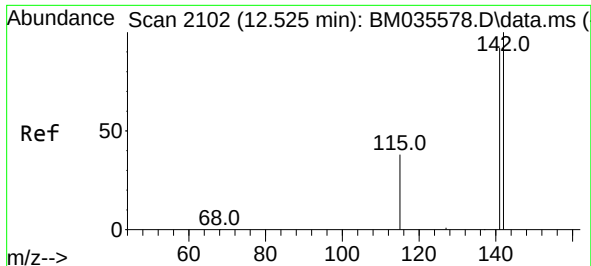


#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.016 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15



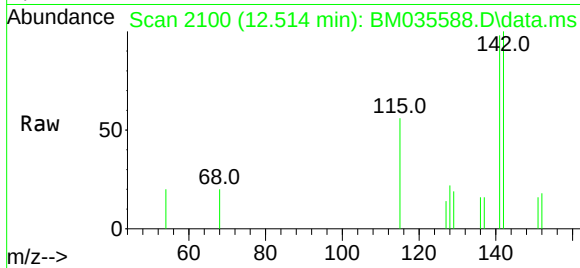
Tgt Ion:142 Resp: 1357
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.8





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

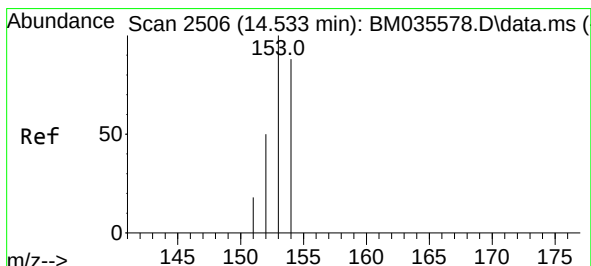
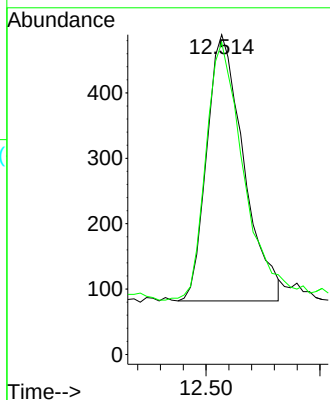
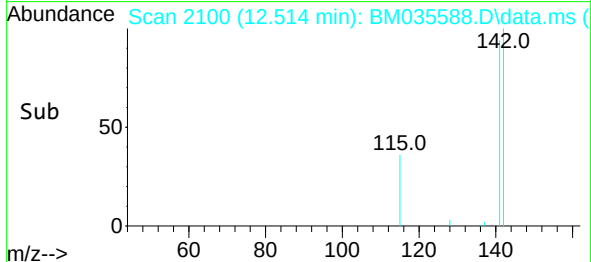
Instrument :
BNA_M
ClientSampleId :
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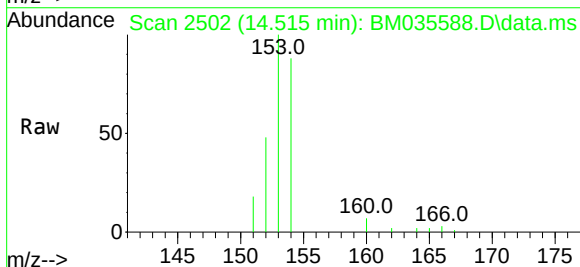
Tgt Ion:142 Resp: 910
Ion Ratio Lower Upper
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141 97.2 74.6 111.8

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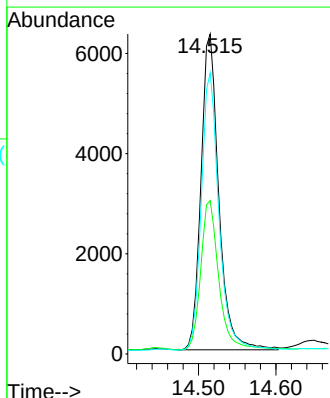
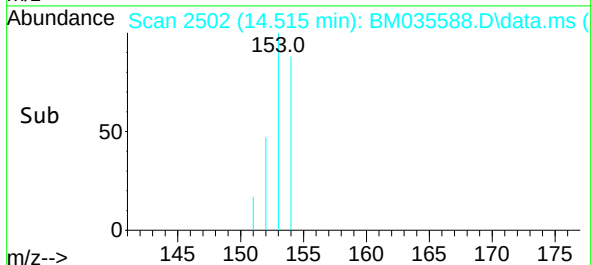
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

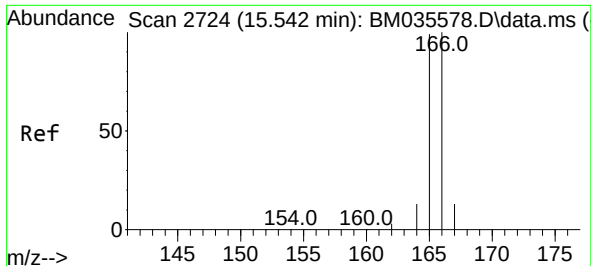


#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.515 min Scan# 2502
Delta R.T. -0.019 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15



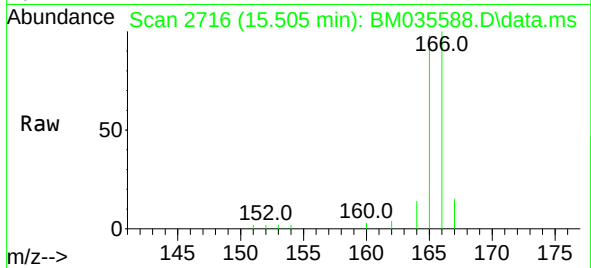
Tgt Ion:153 Resp: 10068
Ion Ratio Lower Upper
153 100
152 47.9 40.0 60.0
154 87.9 69.1 103.7





#12
Fluorene
Concen: 0.180 ng/u1
RT: 15.505 min Scan# 21
Delta R.T. -0.033 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

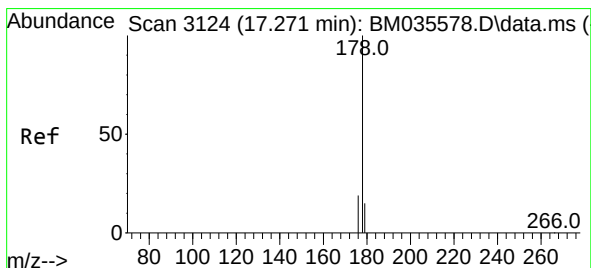
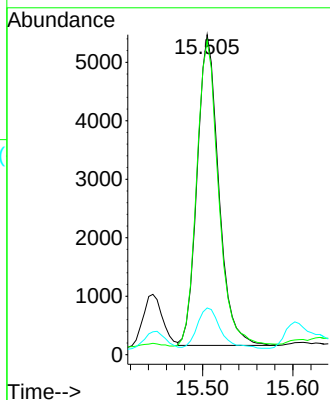
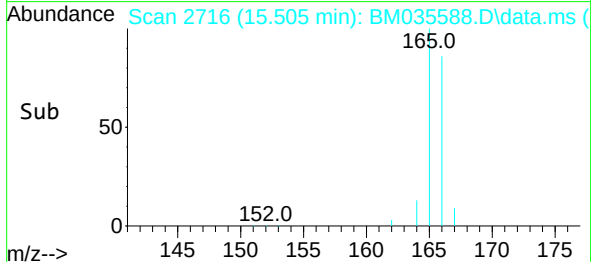
Instrument :
BNA_M
ClientSampleId :
EW4P2



Tgt Ion:166 Resp: 8830
Ion Ratio Lower Upper
166 100
165 98.2 78.7 118.1
167 14.6 11.6 17.4

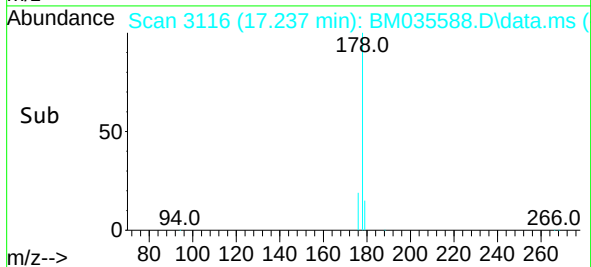
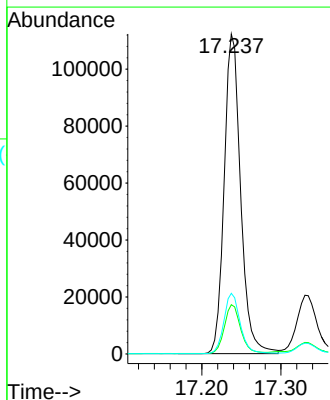
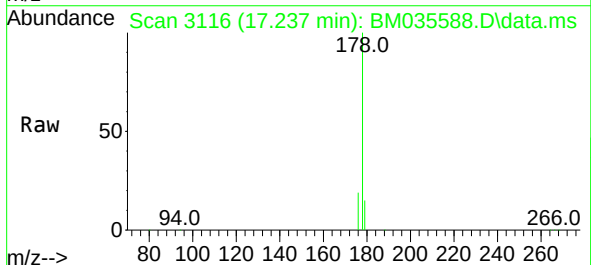
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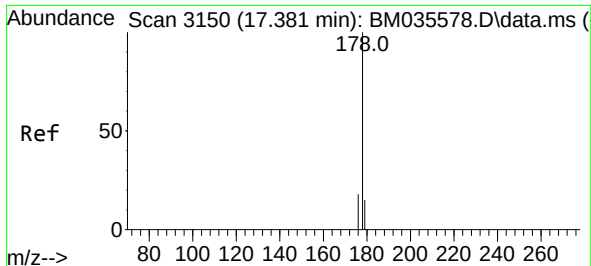
Reviewed By :Jagrut Upadhyay 06/22/2022
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#15
Phenanthrene
Concen: 2.134 ng/u1
RT: 17.237 min Scan# 3116
Delta R.T. -0.035 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

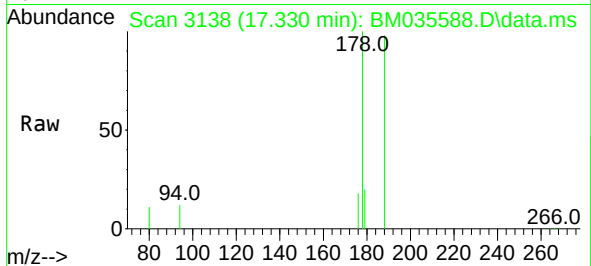
Tgt Ion:178 Resp: 162243
Ion Ratio Lower Upper
178 100
179 15.4 13.2 19.8
176 18.9 16.2 24.4





#16
 Anthracene
 Concen: 0.532 ng/u1
 RT: 17.330 min Scan# 3150
 Delta R.T. -0.043 min
 Lab File: BM035588.D
 Acq: 22 Jun 2022 01:15

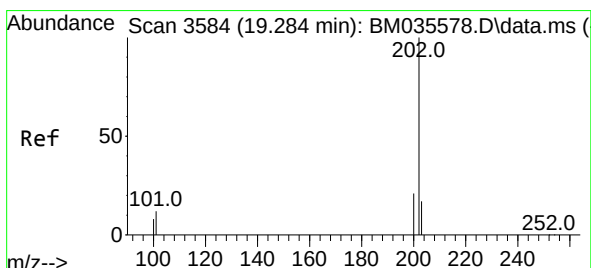
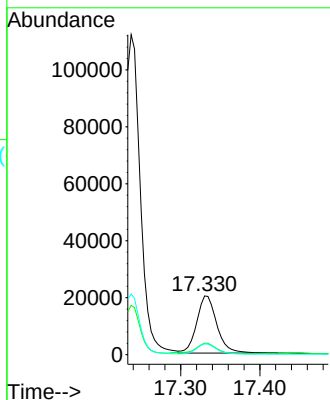
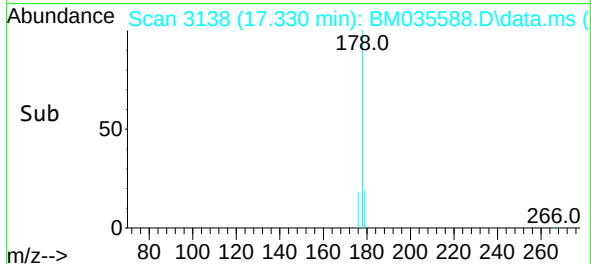
Instrument :
 BNA_M
 ClientSampleId :
 EW4P2



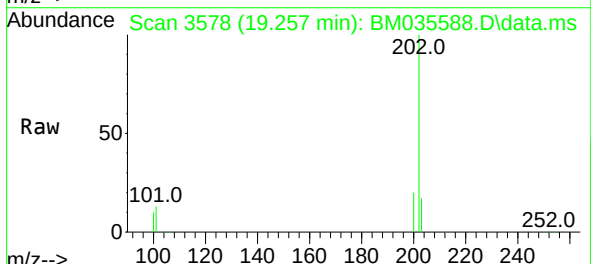
Tgt Ion:178 Resp: 35432
 Ion Ratio Lower Upper
 178 100
 179 19.7 13.4 20.0
 176 18.4 15.9 23.9

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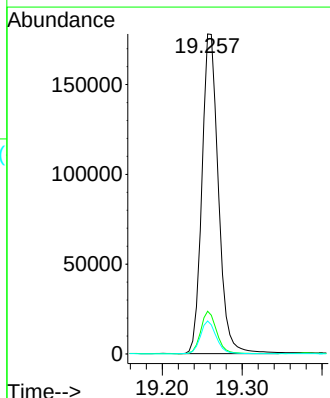
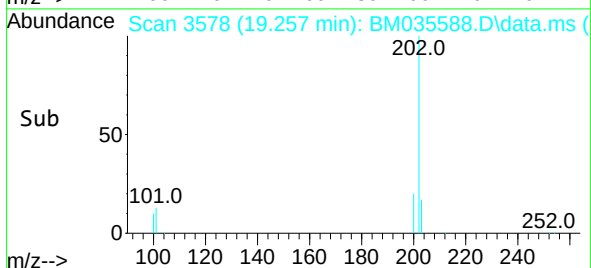
Reviewed By :Jagrut Upadhyay 06/22/2022
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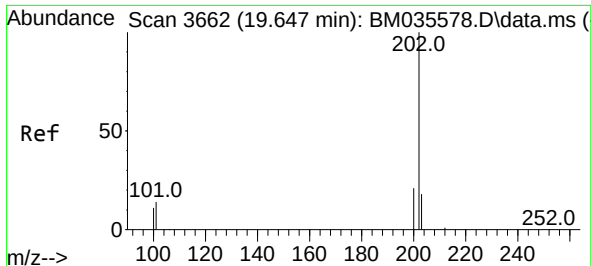


#19
 Fluoranthene
 Concen: 3.407 ng/u1
 RT: 19.257 min Scan# 3578
 Delta R.T. -0.029 min
 Lab File: BM035588.D
 Acq: 22 Jun 2022 01:15



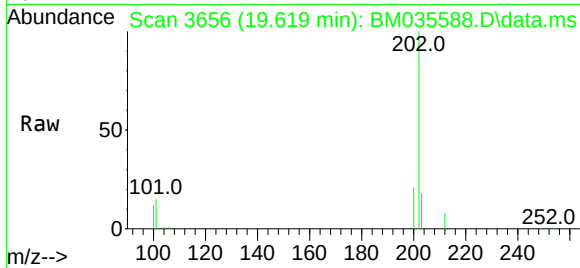
Tgt Ion:202 Resp: 255316
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.0 15.0
 100 10.3 7.5 11.3





#20
Pyrene
Concen: 2.508 ng/ul
RT: 19.619 min Scan# 30
Delta R.T. -0.029 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

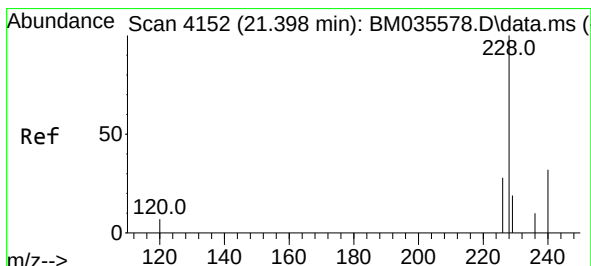
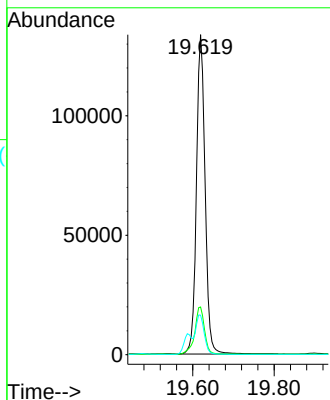
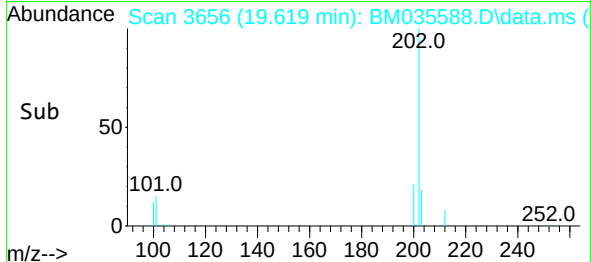
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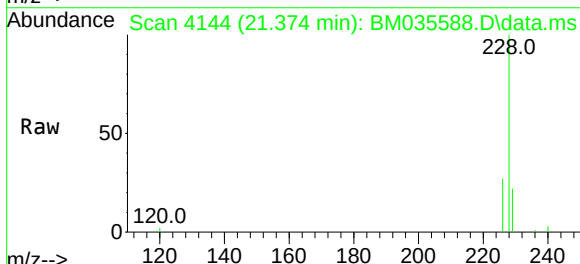
Tgt Ion:202 Resp: 19703
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.4 9.3 13.9

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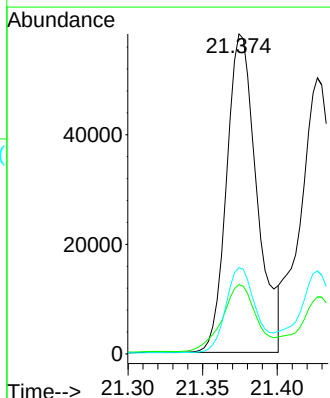
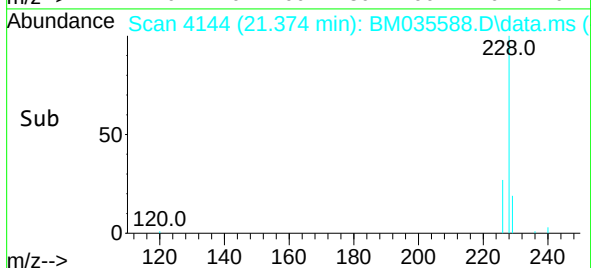
Reviewed By :Jagrut Upadhyay 06/22/2022
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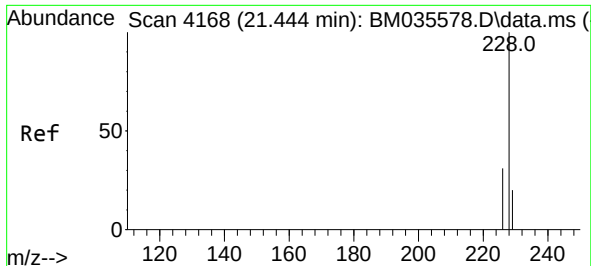


#21
Benzo(a)anthracene
Concen: 1.483 ng/ul
RT: 21.374 min Scan# 4144
Delta R.T. -0.025 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15



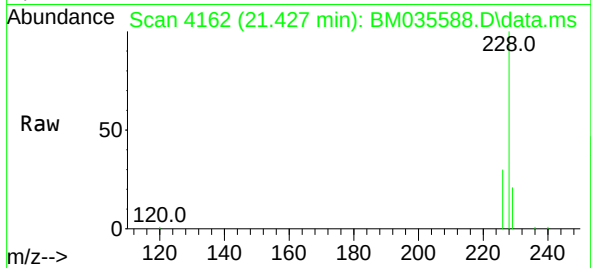
Tgt Ion:228 Resp: 82219
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 27.0 22.3 33.5





#22
Chrysene
Concen: 1.146 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.022 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

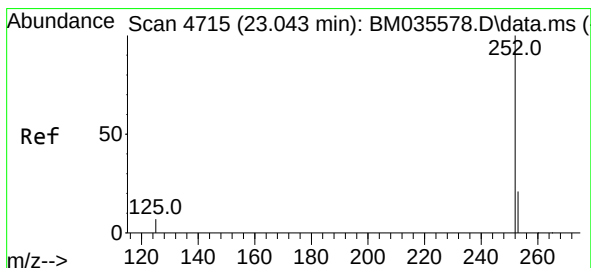
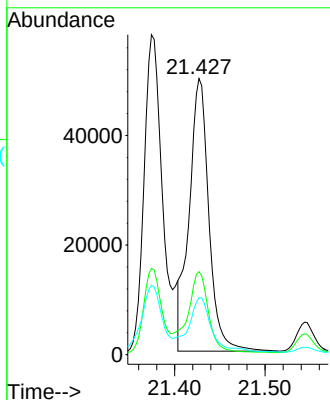
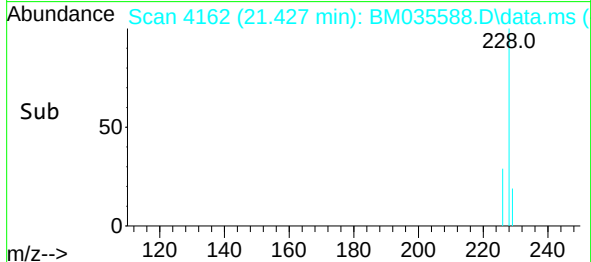
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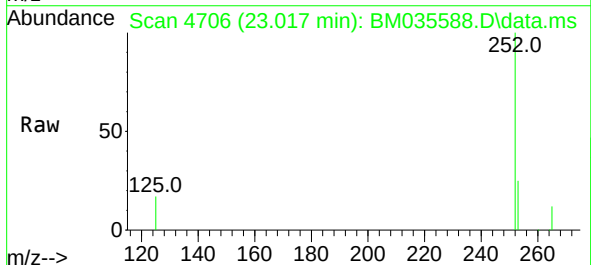
Tgt Ion:228 Resp: 7555
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.6 15.8 23.8

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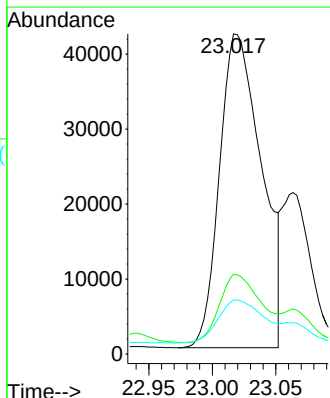
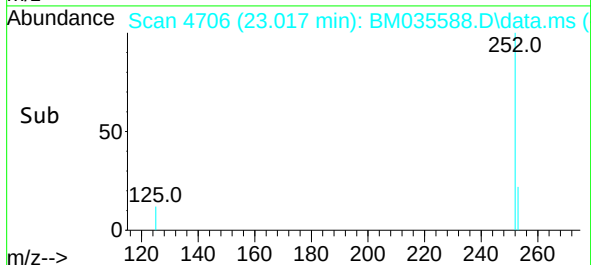
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Supervised By :Yogesh Patel 06/25/2022

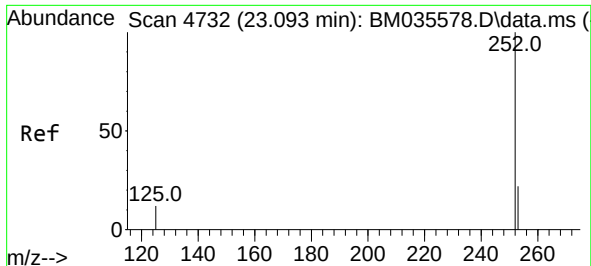


#24
Benzo(b)fluoranthene
Concen: 1.472 ng/ul
RT: 23.017 min Scan# 4706
Delta R.T. -0.034 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15



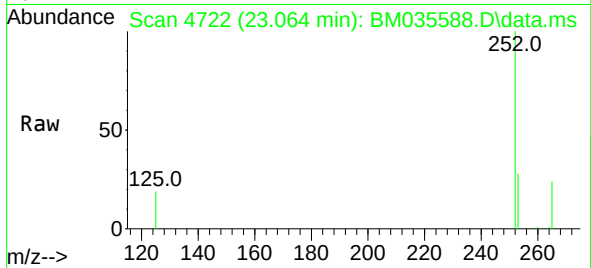
Tgt Ion:252 Resp: 96471
Ion Ratio Lower Upper
252 100
253 24.9 0.0 60.6
125 16.8 0.0 44.8





#25
Benzo(k)fluoranthene
Concen: 0.515 ng/ul m
RT: 23.064 min Scan# 4732
Delta R.T. -0.034 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

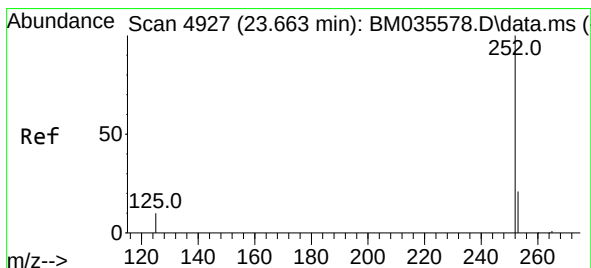
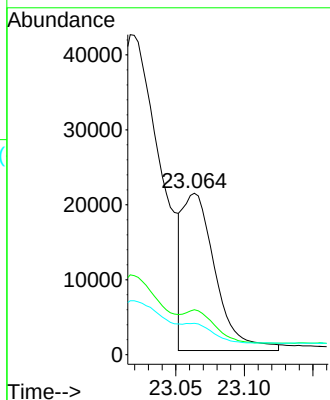
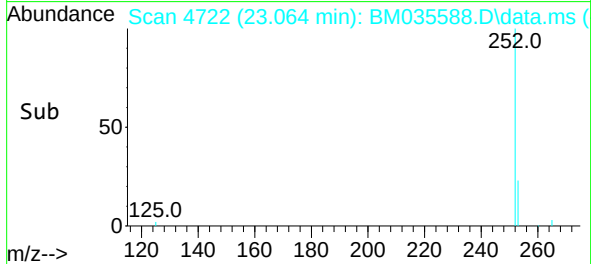
Instrument :
BNA_M
ClientSampleId :
EW4P2



Tgt Ion:252 Resp: 3501
Ion Ratio Lower Upper
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125 19.4 18.2 27.4

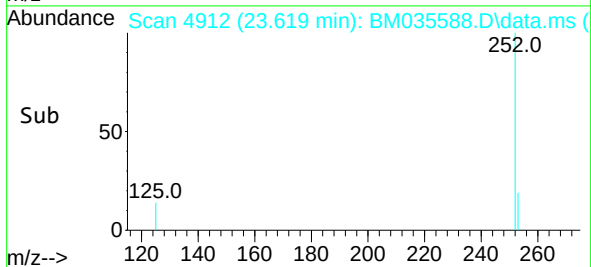
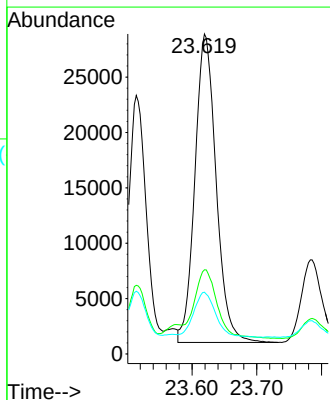
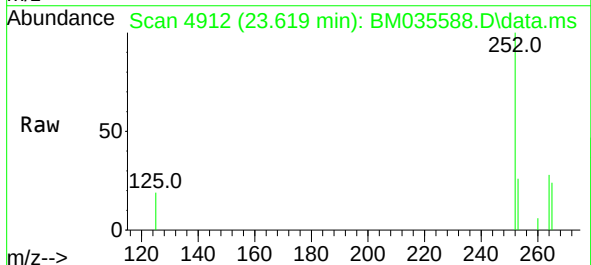
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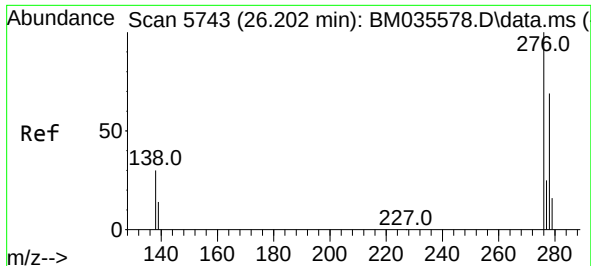
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022



#26
Benzo(a)pyrene
Concen: 0.932 ng/ul
RT: 23.619 min Scan# 4912
Delta R.T. -0.049 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

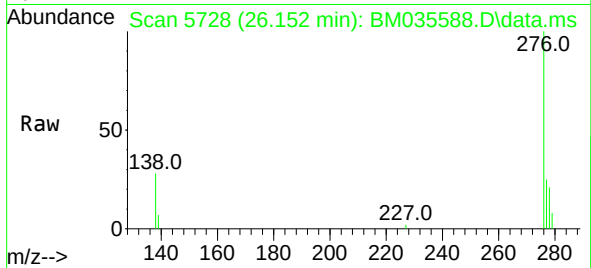
Tgt Ion:252 Resp: 63342
Ion Ratio Lower Upper
252 100
253 26.3 27.8 41.6#
125 19.3 23.3 34.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.563 ng/ul
RT: 26.152 min Scan# 5728
Delta R.T. -0.059 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

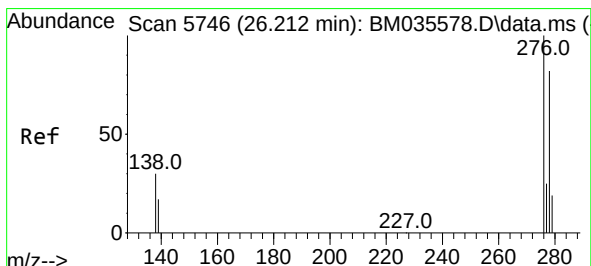
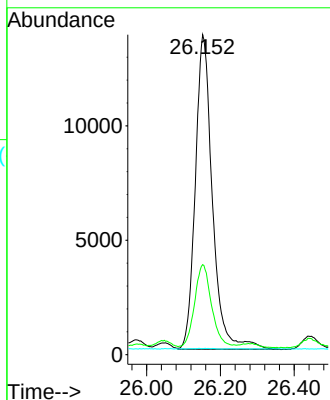
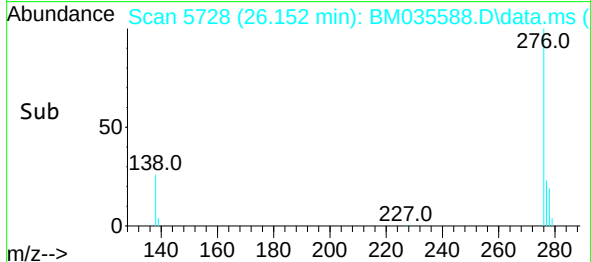
Instrument :
BNA_M
ClientSampleId :
EW4P2



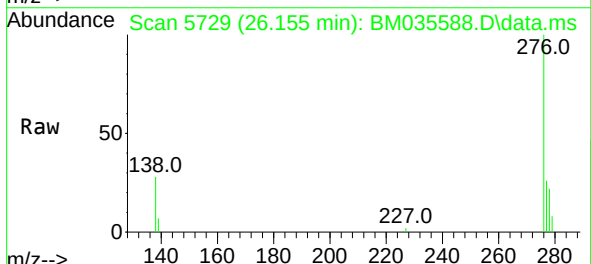
Tgt Ion:276 Resp: 4413
Ion Ratio Lower Upper
276 100
138 26.3 24.8 37.2
227 0.1 0.1 0.1

Manual Integrations
APPROVED

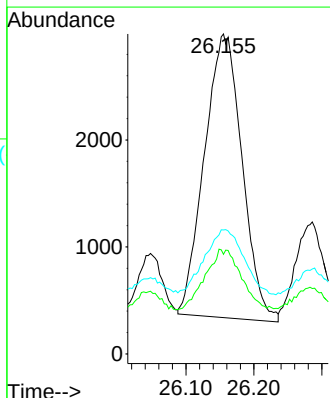
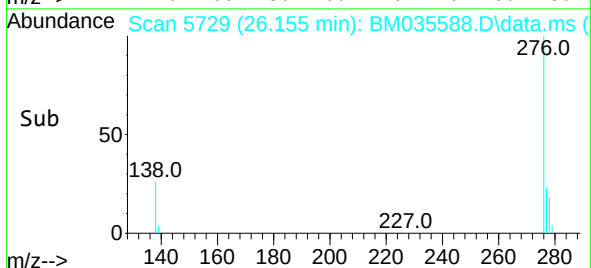
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

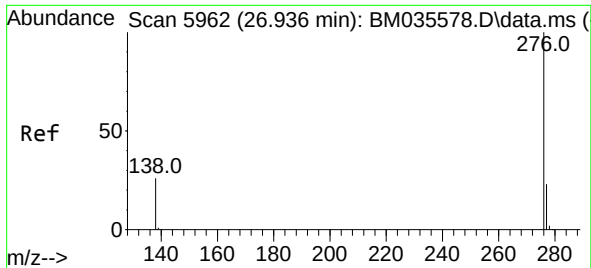


#28
Dibenzo(a,h)anthracene
Concen: 0.160 ng/ul
RT: 26.155 min Scan# 5729
Delta R.T. -0.066 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15



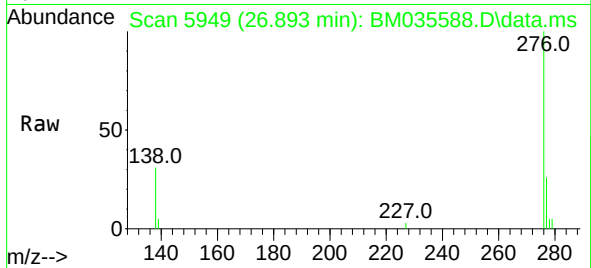
Tgt Ion:278 Resp: 10222
Ion Ratio Lower Upper
278 100
139 31.2 19.1 28.7#
279 38.7 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 0.493 ng/ul
RT: 26.893 min Scan# 5949
Delta R.T. -0.053 min
Lab File: BM035588.D
Acq: 22 Jun 2022 01:15

Instrument :
BNA_M
ClientSampleId :
EW4P2



Tgt Ion:276 Resp: 3456
Ion Ratio Lower Upper
276 100
138 30.8 23.1 34.7
277 26.0 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

