

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035575.D
 Acq On : 21 Jun 2022 16:45
 Operator : CG/JU
 Sample : N3285-15MSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4Q7MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 01:32:51 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	7.879	152	3746	0.400	ng/ul	0.02
4) Naphthalene-d8	10.644	136	15720	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.465	164	9107	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18809	0.400	ng/ul	-0.02
17) Chrysene-d12	21.402	240	13244	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	12974	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1370	0.260	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	7525	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	17597	0.396	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.302	88	4007	0.764	ng/ul#	64
5) Naphthalene	10.693	128	14675	0.276	ng/ul	100
7) 2-Methylnaphthalene	12.316	142	9074	0.298	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	9526	0.341	ng/ul	100
10) Acenaphthylene	14.192	152	14889	0.290	ng/ul	99
11) Acenaphthene	14.525	153	11675	0.307	ng/ul	99
12) Fluorene	15.524	166	13266	0.309	ng/ul	98
14) Pentachlorophenol	16.892	266	3090m	0.857	ng/ul	
15) Phenanthrene	17.255	178	21752	0.315	ng/ul	98
16) Anthracene	17.352	178	18610	0.308	ng/ul	99
19) Fluoranthene	19.276	202	24233	0.358	ng/ul	99
20) Pyrene	19.639	202	24636	0.347	ng/ul	98
21) Benzo(a)anthracene	21.388	228	17402	0.347	ng/ul	99
22) Chrysene	21.440	228	21478	0.360	ng/ul	100
24) Benzo(b)fluoranthene	23.036	252	19447	0.342	ng/ul	98
25) Benzo(k)fluoranthene	23.086	252	20437	0.347	ng/ul	99
26) Benzo(a)pyrene	23.650	252	20583	0.349	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.188	276	24761	0.365	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.198	278	20149	0.364	ng/ul	98
29) Benzo(g,h,i)perylene	26.922	276	22223	0.366	ng/ul	99

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

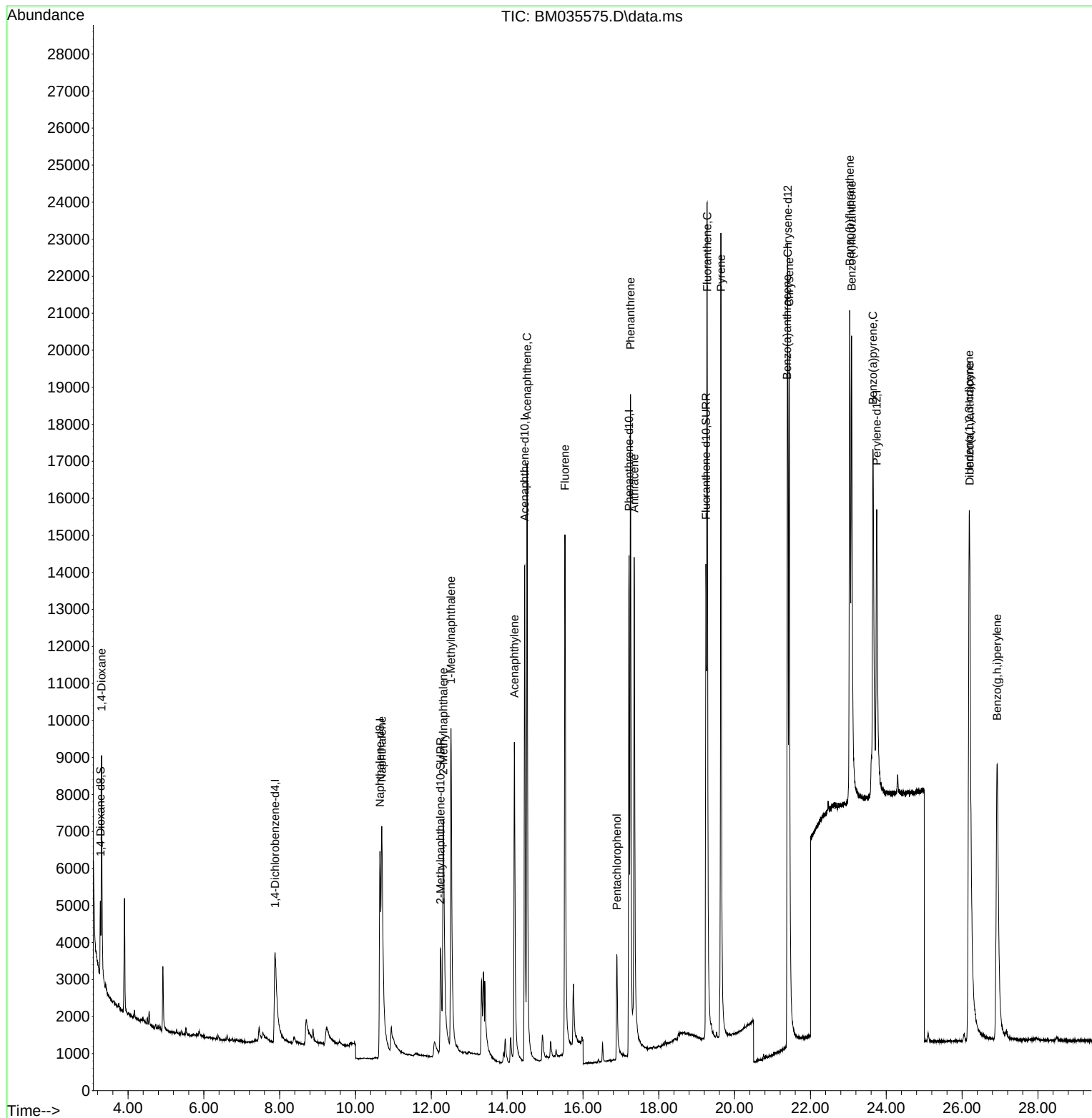
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035575.D
Acq On : 21 Jun 2022 16:45
Operator : CG/JU
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Misc :
ALS Vial : 54 Sample Multiplier: 1

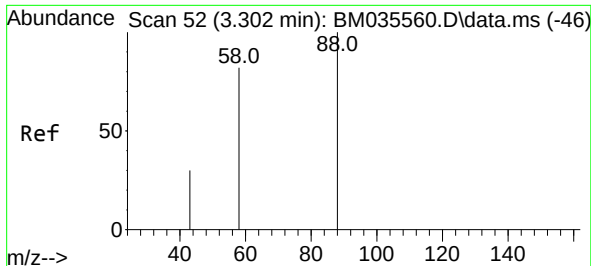
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD

Manual Integrations
APPROVED

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

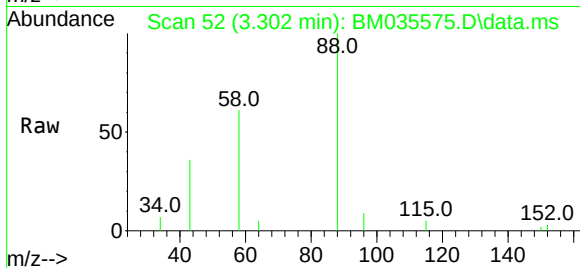
Quant Time: Jun 22 01:32:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.764 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

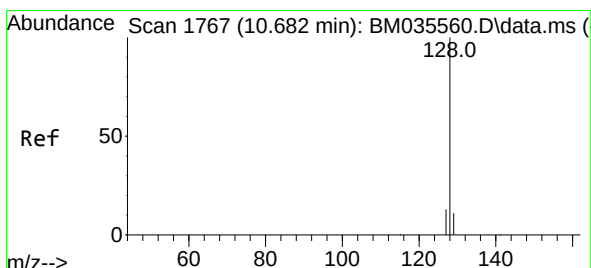
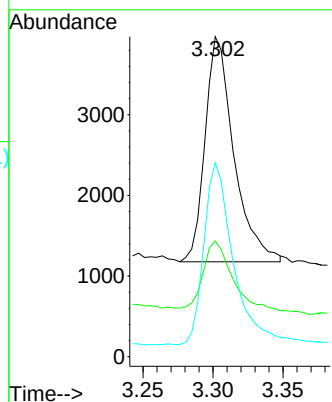
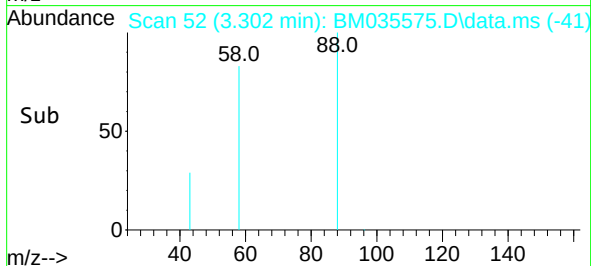
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



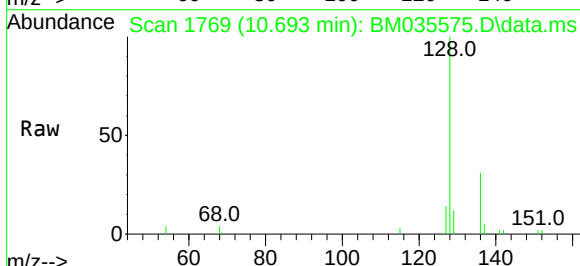
Tgt Ion: 88 Resp: 400
Ion Ratio Lower Upper
88 100
43 36.2 70.4 105.6
58 60.6 45.6 68.4

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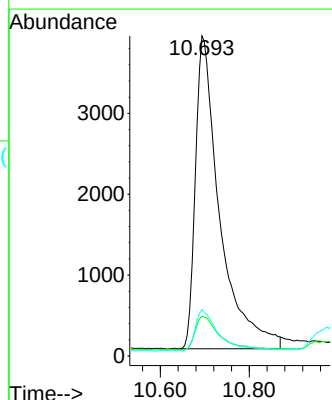
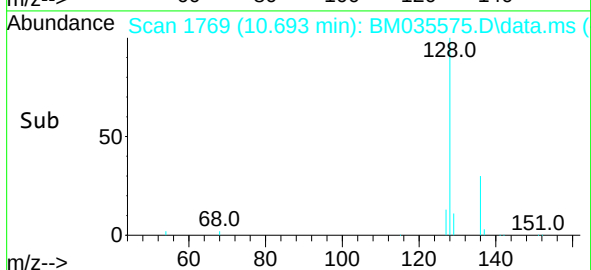
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

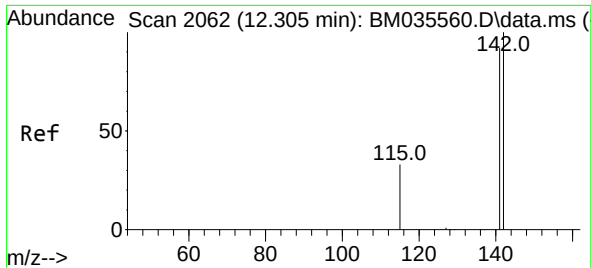


#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45



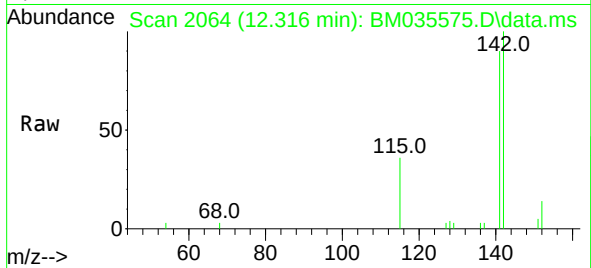
Tgt Ion:128 Resp: 14675
Ion Ratio Lower Upper
128 100
129 12.4 10.1 15.1
127 14.5 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.316 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

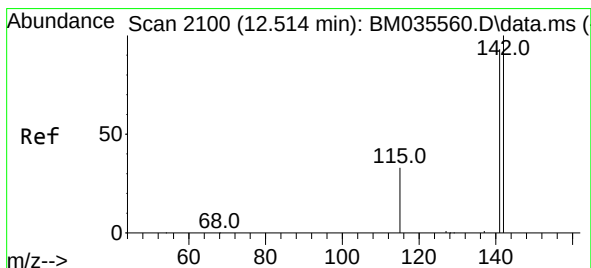
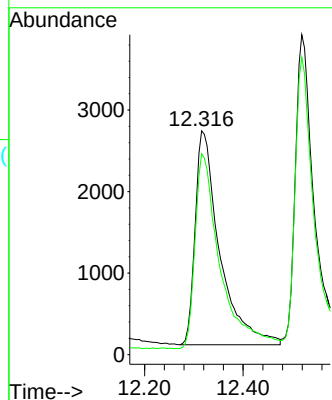
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



Tgt Ion:142 Resp: 9074
Ion Ratio Lower Upper
142 100
141 94.0 73.8 110.8

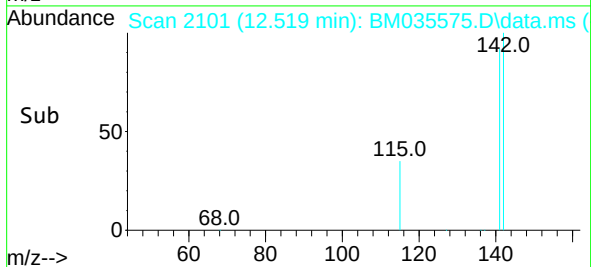
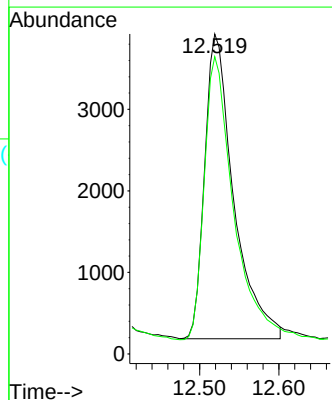
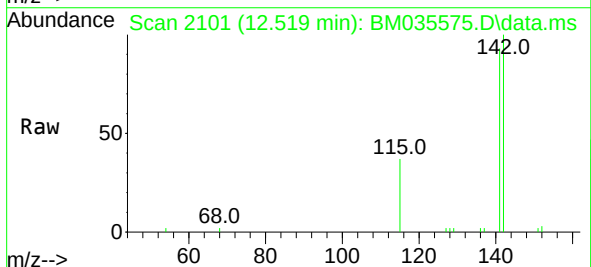
Manual Integrations
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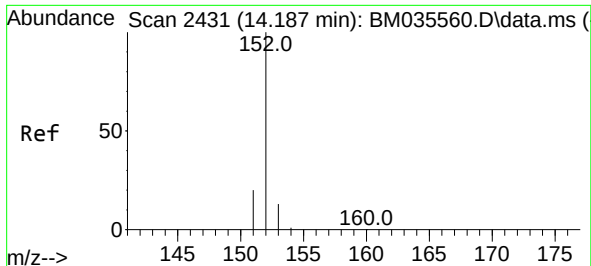
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022



#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

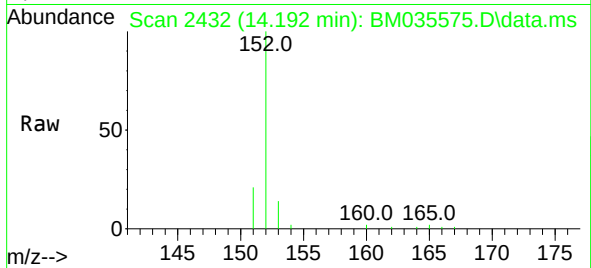
Tgt Ion:142 Resp: 9526
Ion Ratio Lower Upper
142 100
141 93.1 74.6 111.8





#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.192 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

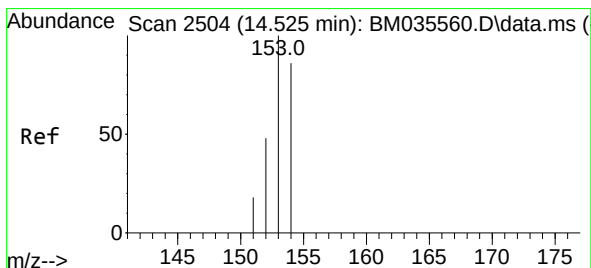
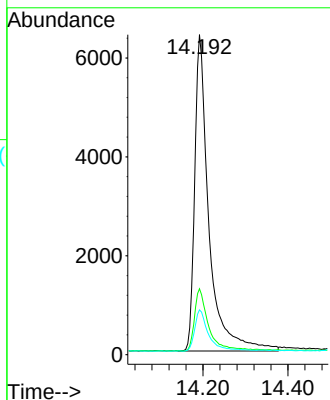
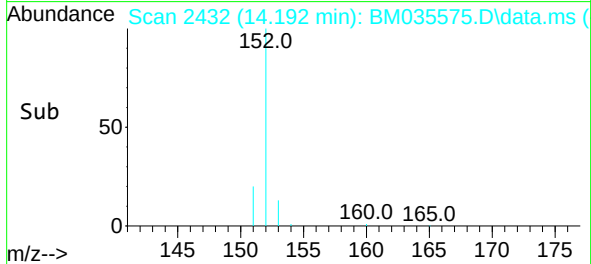
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



Tgt Ion:152 Resp: 14889
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 14.0 11.1 16.7

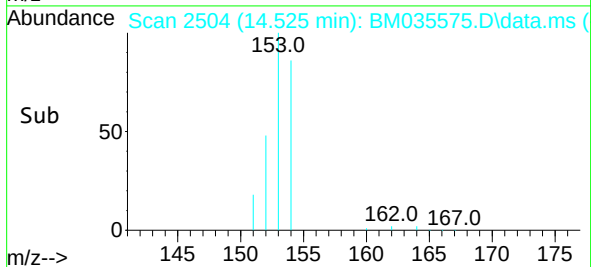
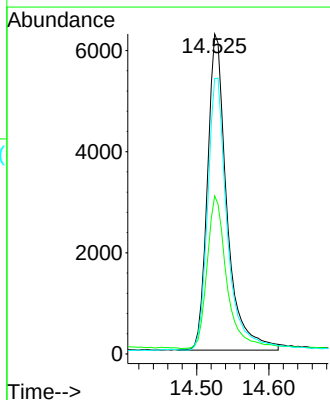
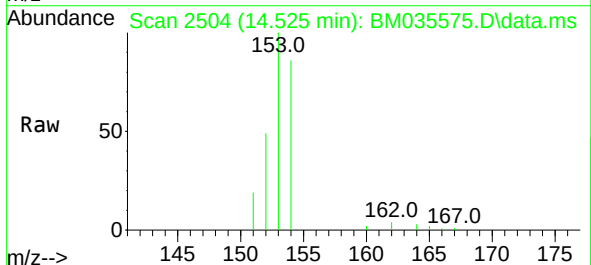
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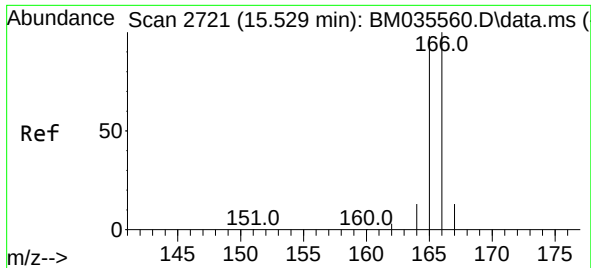
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.525 min Scan# 2504
Delta R.T. -0.009 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

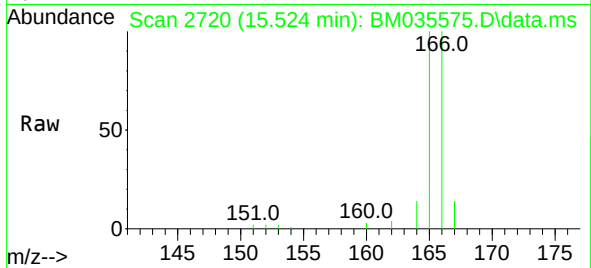
Tgt Ion:153 Resp: 11675
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 86.0 69.1 103.7





#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

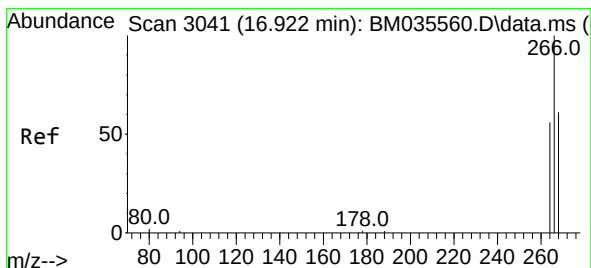
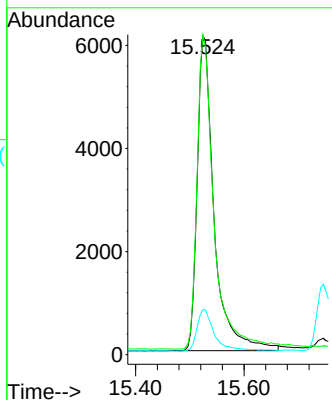
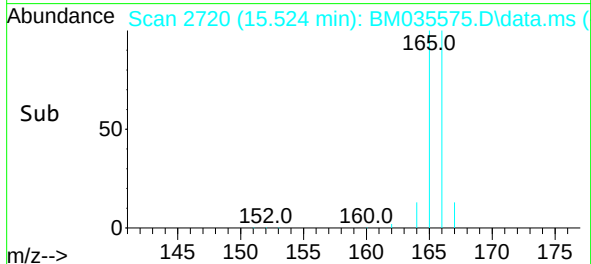
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



Tgt Ion:166 Resp: 13260
Ion Ratio Lower Upper
166 100
165 100.5 78.7 118.1
167 14.2 11.6 17.4

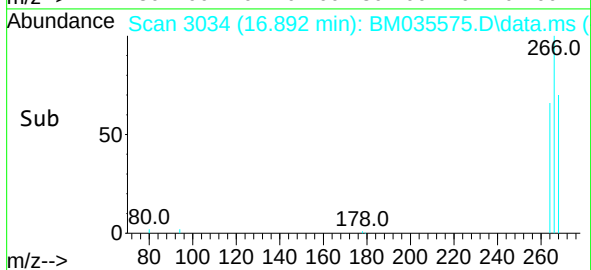
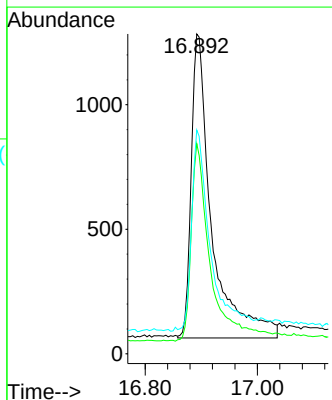
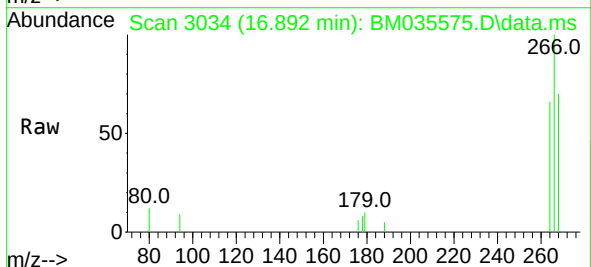
Manual Integrations
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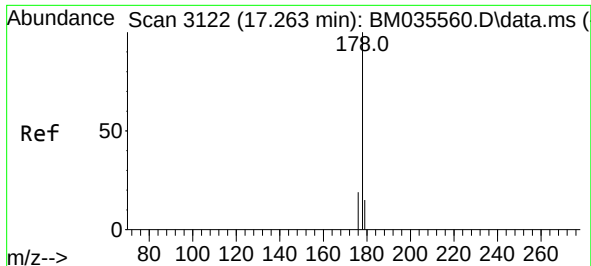
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022



#14
Pentachlorophenol
Concen: 0.857 ng/ul m
RT: 16.892 min Scan# 3034
Delta R.T. -0.038 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

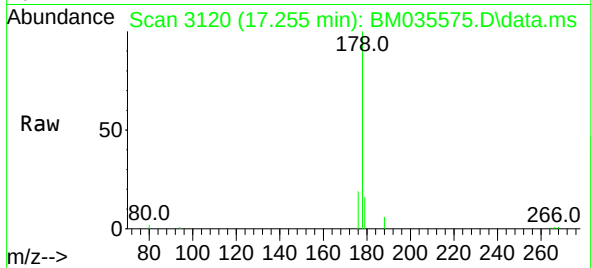
Tgt Ion:266 Resp: 3090
Ion Ratio Lower Upper
266 100
264 47.5 51.0 76.4#
268 50.2 51.7 77.5#





#15
Phenanthrene
Concen: 0.315 ng/u1
RT: 17.255 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

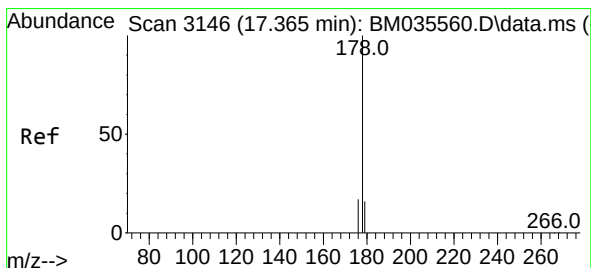
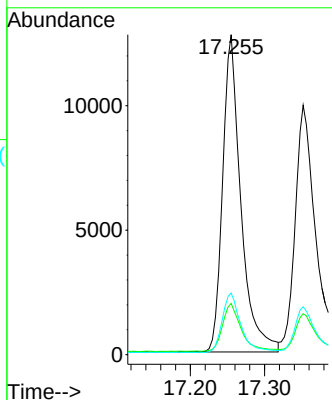
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



Tgt Ion:178 Resp: 21752
Ion Ratio Lower Upper
178 100
179 16.0 13.2 19.8
176 19.3 16.2 24.4

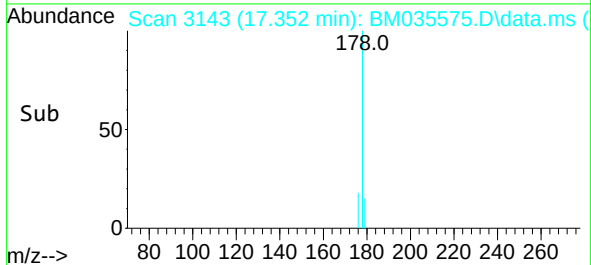
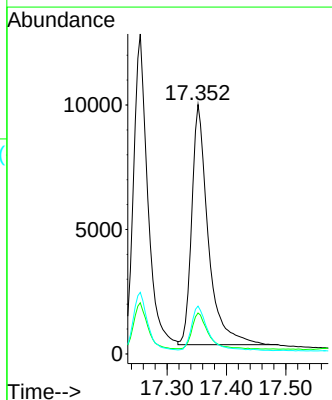
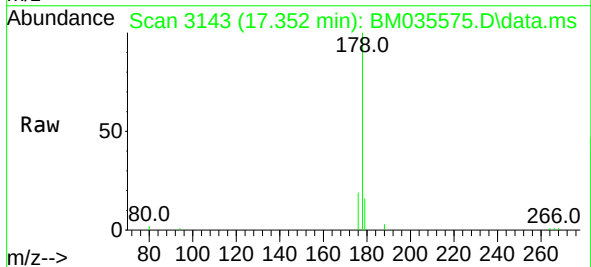
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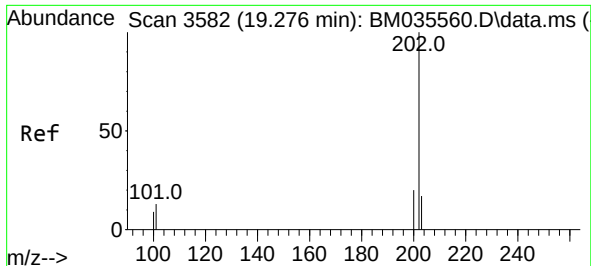
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022



#16
Anthracene
Concen: 0.308 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.021 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

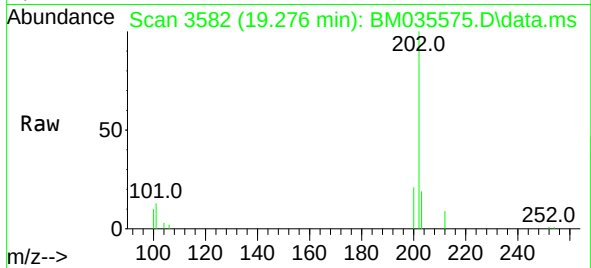
Tgt Ion:178 Resp: 18610
Ion Ratio Lower Upper
178 100
179 16.4 13.4 20.0
176 19.2 15.9 23.9





#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.276 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

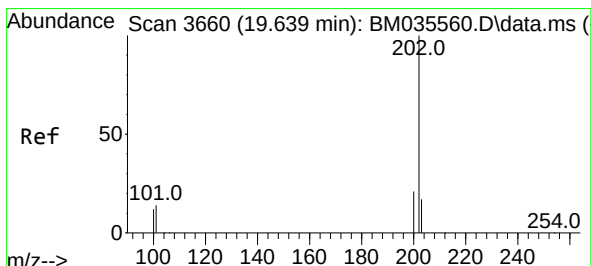
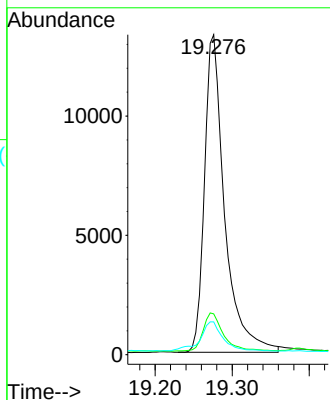
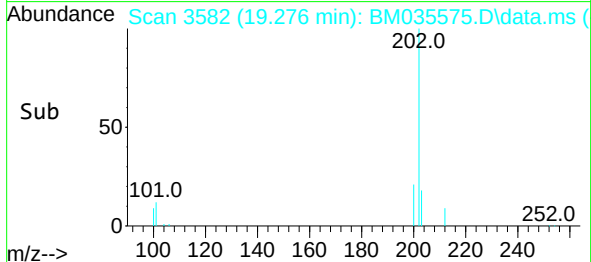
Instrument :
BNA_M
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EW4Q7MSD



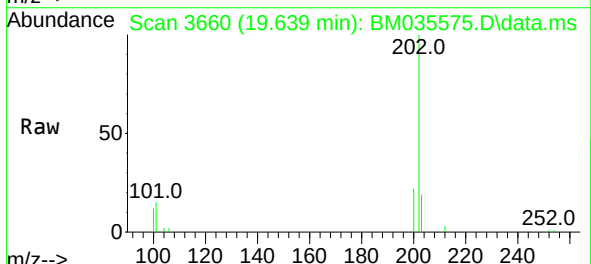
Tgt Ion:202 Resp: 2423
Ion Ratio Lower Upper
202 100
101 12.8 10.0 15.0
100 10.2 7.5 11.3

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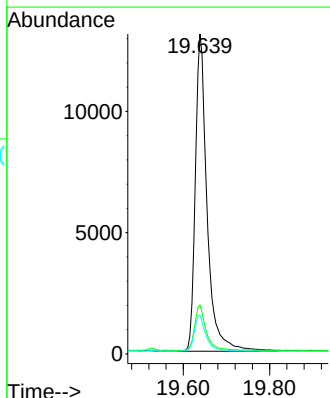
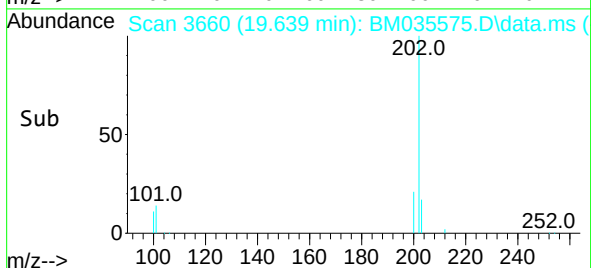
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

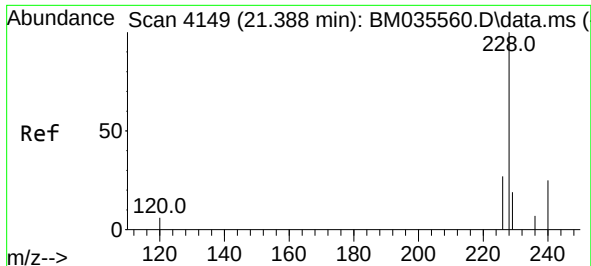


#20
Pyrene
Concen: 0.347 ng/u1
RT: 19.639 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45



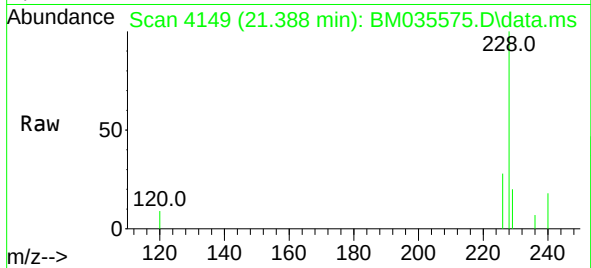
Tgt Ion:202 Resp: 24636
Ion Ratio Lower Upper
202 100
101 15.3 11.6 17.4
100 12.2 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.347 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. -0.012 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

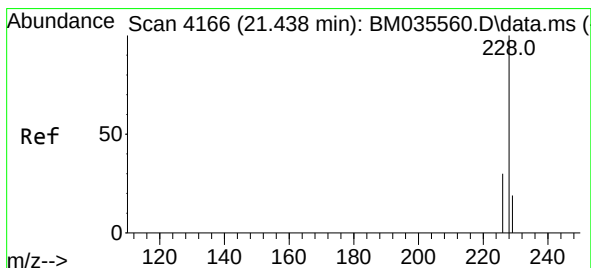
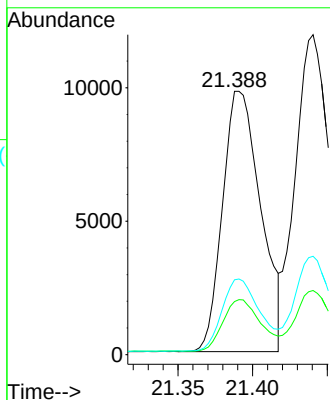
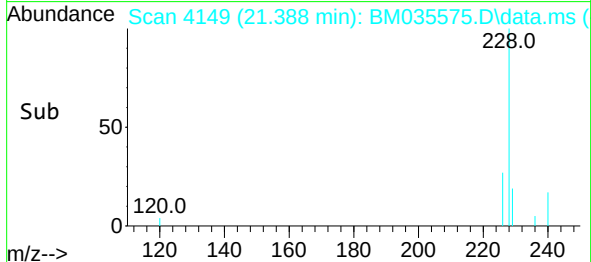
Instrument :
BNA_M
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EW4Q7MSD



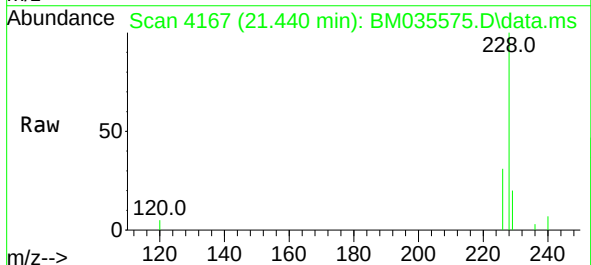
Tgt Ion:228 Resp: 1740
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.4 22.3 33.5

Manual Integrations
APPROVED

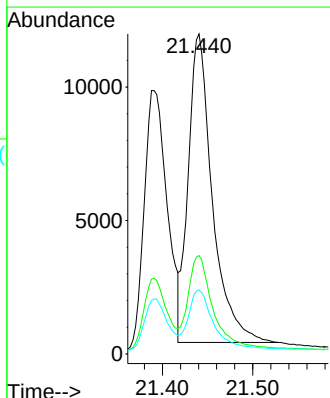
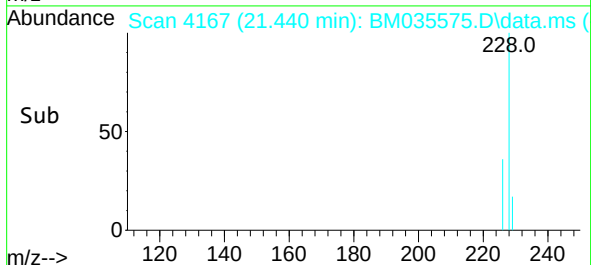
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

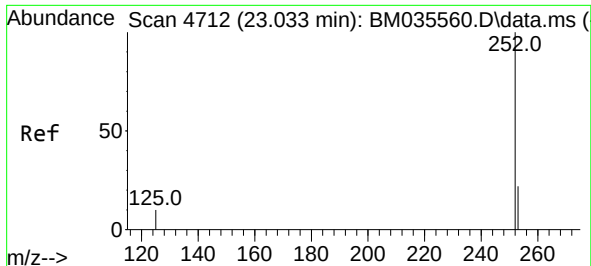


#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.440 min Scan# 4167
Delta R.T. -0.009 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45



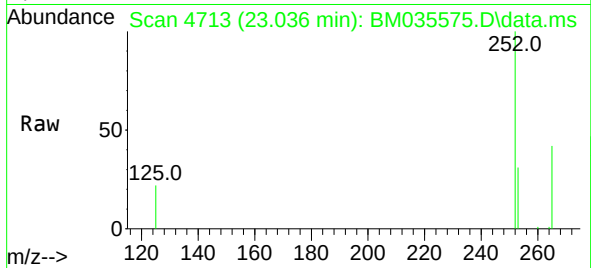
Tgt Ion:228 Resp: 21478
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 20.0 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.036 min Scan# 4712
Delta R.T. -0.015 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

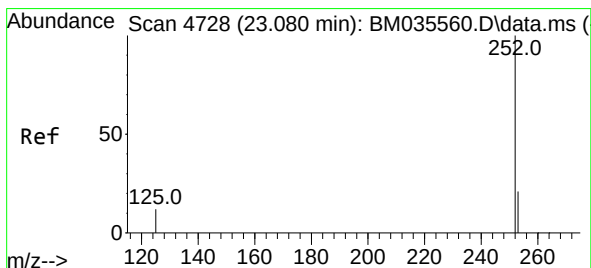
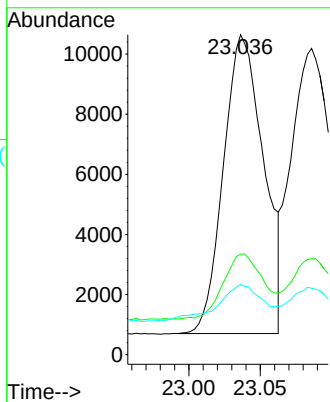
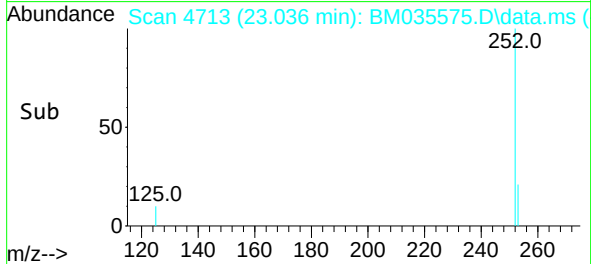
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



Tgt Ion:252 Resp: 1944
Ion Ratio Lower Upper
252 100
253 31.4 0.0 60.6
125 22.0 0.0 44.8

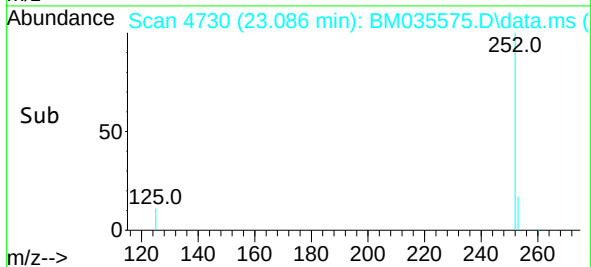
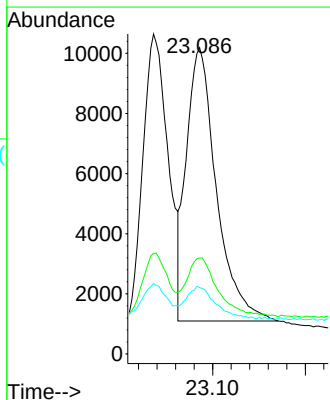
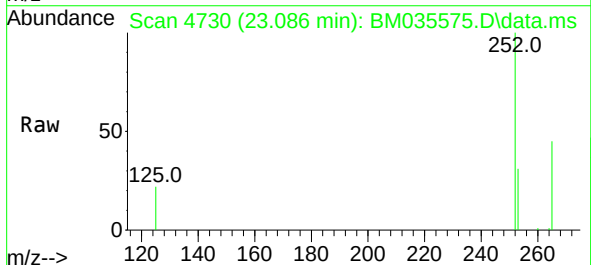
Manual Integrations
APPROVED

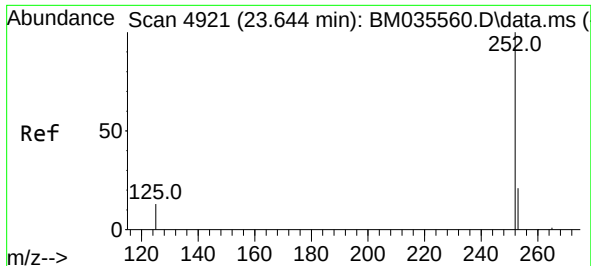
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.086 min Scan# 4730
Delta R.T. -0.012 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

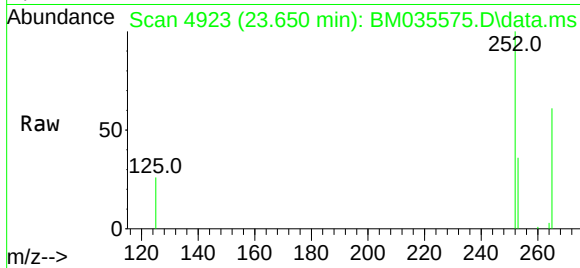
Tgt Ion:252 Resp: 20437
Ion Ratio Lower Upper
252 100
253 31.3 24.7 37.1
125 21.7 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.650 min Scan# 4921
Delta R.T. -0.018 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

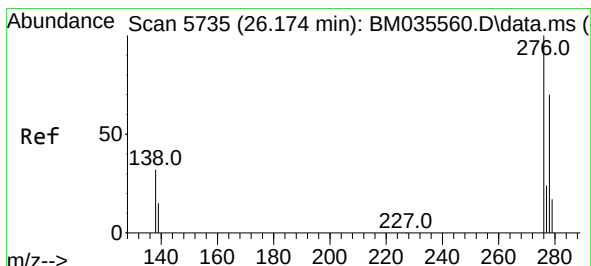
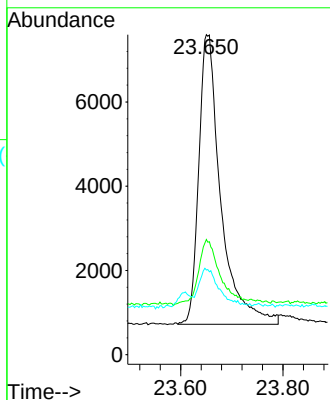
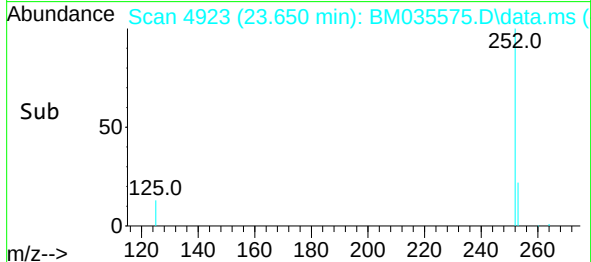
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



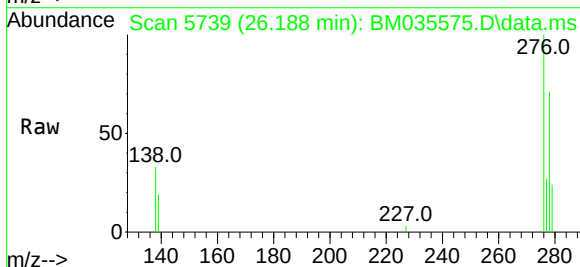
Tgt Ion:252 Resp: 2058
Ion Ratio Lower Upper
252 100
253 36.0 27.8 41.6
125 26.5 23.3 34.9

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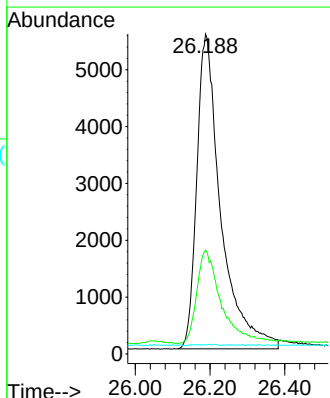
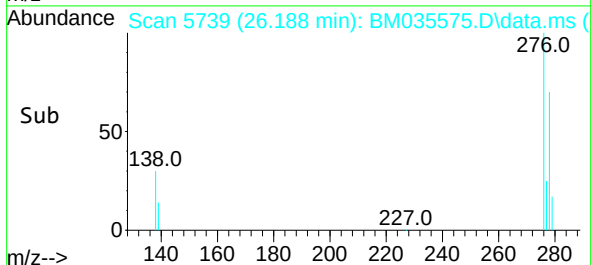
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

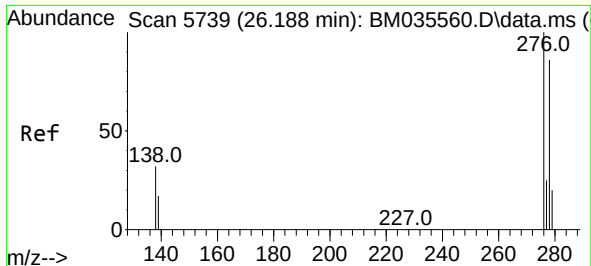


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.188 min Scan# 5739
Delta R.T. -0.024 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45



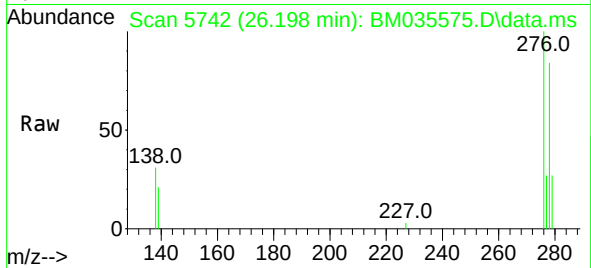
Tgt Ion:276 Resp: 24761
Ion Ratio Lower Upper
276 100
138 30.4 24.8 37.2
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.024 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

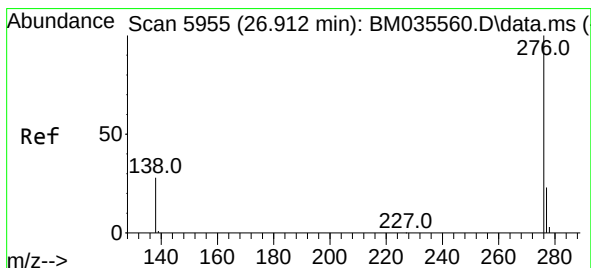
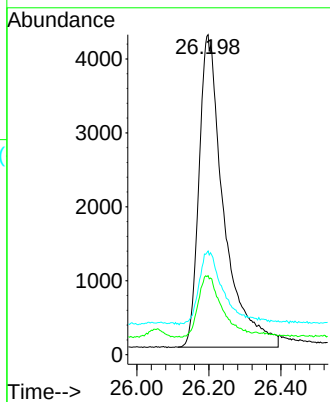
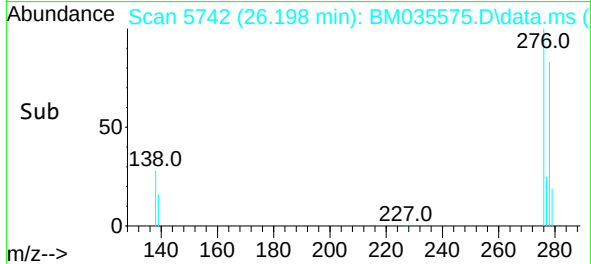
Instrument :
BNA_M
ClientSampleId :
EW4Q7MSD



Tgt Ion: 278 Resp: 20149
Ion Ratio Lower Upper
278 100
139 24.7 19.1 28.7
279 32.4 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 26.922 min Scan# 5958
Delta R.T. -0.024 min
Lab File: BM035575.D
Acq: 21 Jun 2022 16:45

Tgt Ion: 276 Resp: 22223
Ion Ratio Lower Upper
276 100
138 29.3 23.1 34.7
277 26.1 20.3 30.5

