

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035627.D
 Acq On : 23 Jun 2022 16:14
 Operator : CG/JU
 Sample : N3358-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4R7MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 24 01:35:45 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	7.825	152	4861	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.611	136	20506	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.451	164	10814	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.200	188	18638	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.394	240	14252	0.400	ng/ul	-0.02
23) Perylene-d12	23.738	264	13732	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	1502	0.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	10434	0.342	ng/ul	-0.04
18) Fluoranthene-d10	19.234	212	18669	0.390	ng/ul	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.297	88	4799m	0.705	ng/ul	
5) Naphthalene	10.660	128	18510	0.267	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	11291	0.285	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	11632	0.319	ng/ul	100
10) Acenaphthylene	14.173	152	19146	0.314	ng/ul	99
11) Acenaphthene	14.511	153	14741	0.327	ng/ul	98
12) Fluorene	15.506	166	14889	0.292	ng/ul	97
14) Pentachlorophenol	16.879	266	5346m	1.495	ng/ul	
15) Phenanthrene	17.247	178	22999	0.337	ng/ul	98
16) Anthracene	17.339	178	21847	0.365	ng/ul	98
19) Fluoranthene	19.262	202	25099	0.344	ng/ul	95
20) Pyrene	19.625	202	29943	0.392	ng/ul	96
21) Benzo(a)anthracene	21.379	228	19330	0.359	ng/ul	98
22) Chrysene	21.429	228	21516	0.336	ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	20428	0.340	ng/ul	99
25) Benzo(k)fluoranthene	23.074	252	20336	0.326	ng/ul	98
26) Benzo(a)pyrene	23.639	252	20584	0.330	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.174	276	24372	0.339	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.178	278	20021	0.341	ng/ul	96
29) Benzo(g,h,i)perylene	26.916	276	21417	0.333	ng/ul	97

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

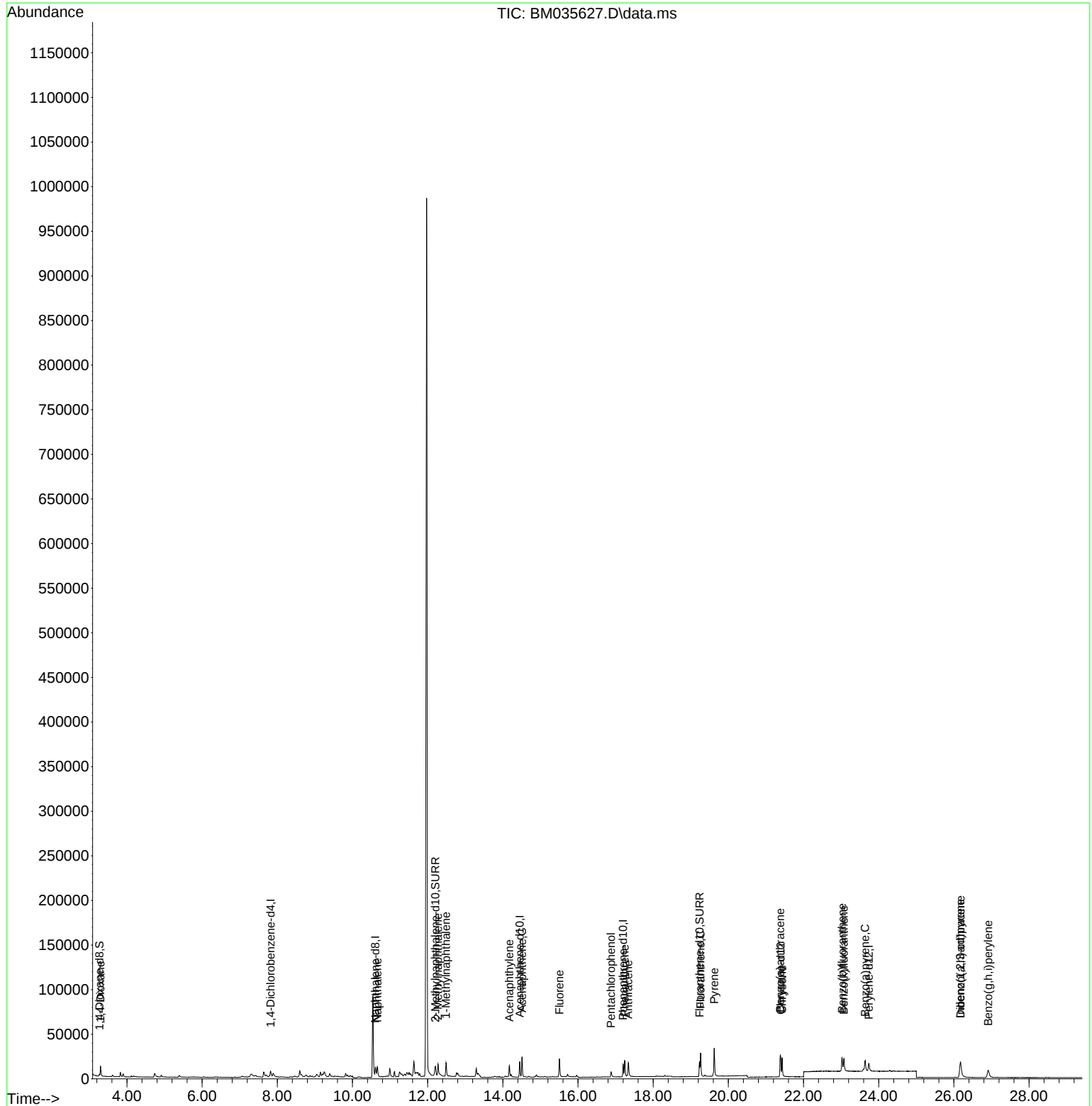
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035627.D
Acq On : 23 Jun 2022 16:14
Operator : CG/JU
Sample : N3358-08MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

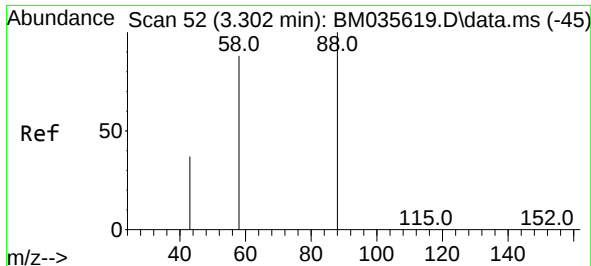
Instrument :
BNA_M
ClientSampleId :
EW4R7MS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

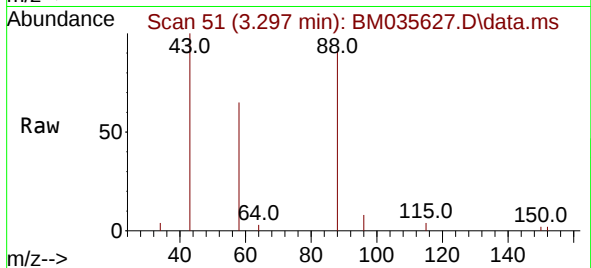
Quant Time: Jun 24 01:35:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.705 ng/ul m
RT: 3.297 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

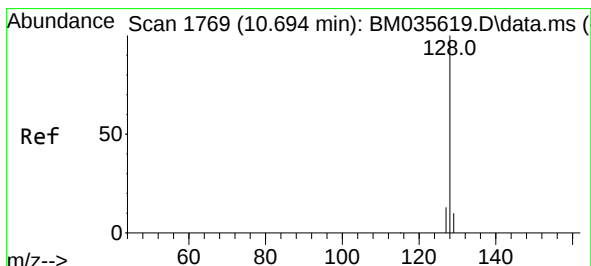
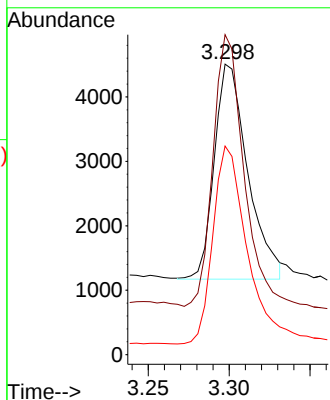
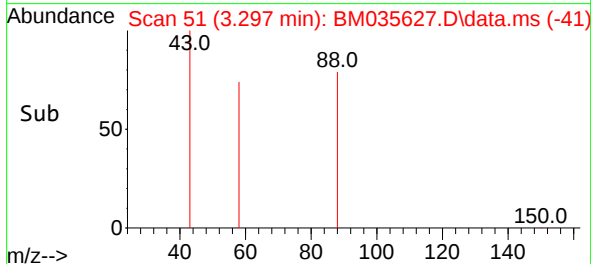
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion: 88 Resp: 4799
Ion Ratio Lower Upper
88 100
43 110.2 70.4 105.6
58 71.8 45.6 68.4

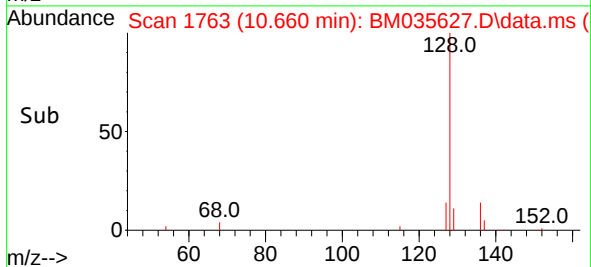
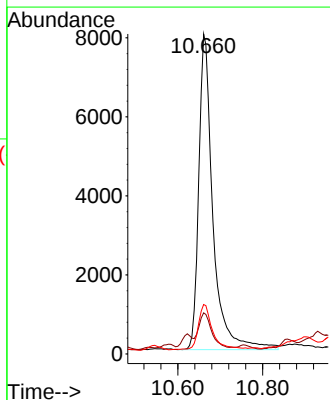
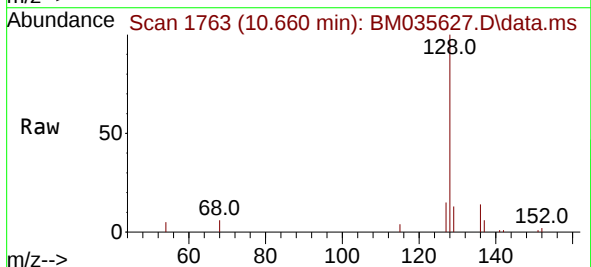
Manual Integrations
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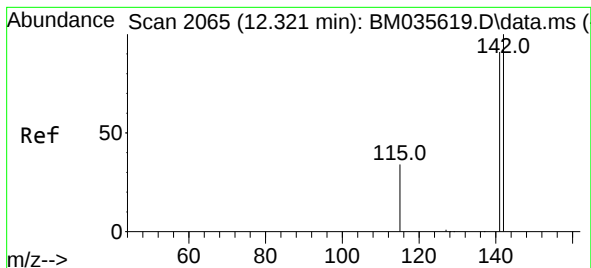
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.660 min Scan# 1763
Delta R.T. -0.033 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

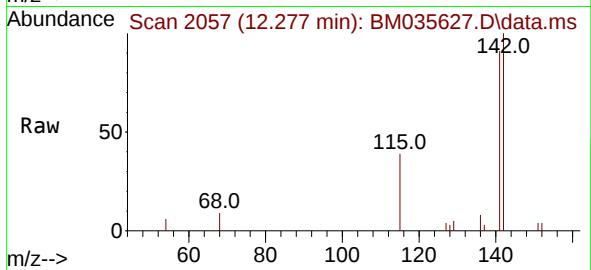
Tgt Ion:128 Resp: 18510
Ion Ratio Lower Upper
128 100
129 12.9 10.1 15.1
127 15.5 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. -0.044 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

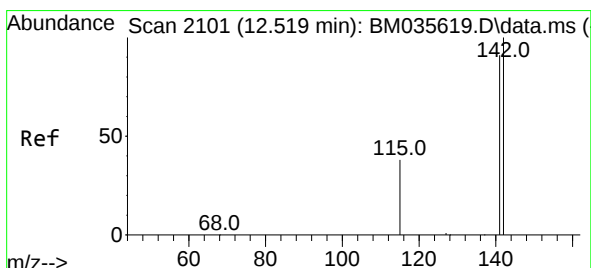
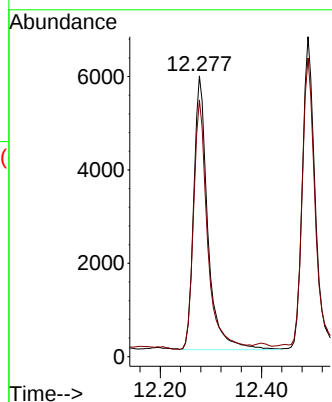
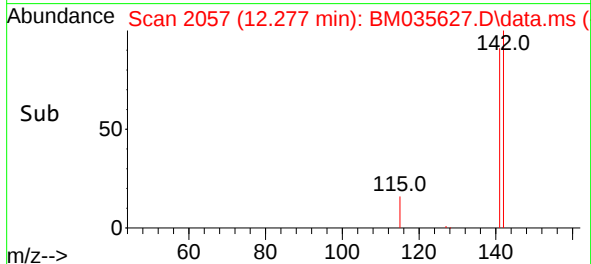
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



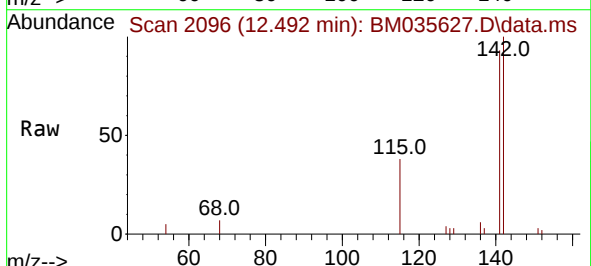
Tgt Ion:142 Resp: 1129
Ion Ratio Lower Upper
142 100
141 90.7 73.8 110.8

Manual Integrations
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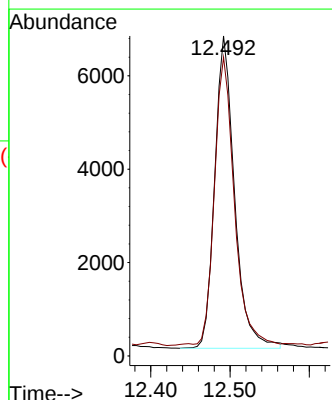
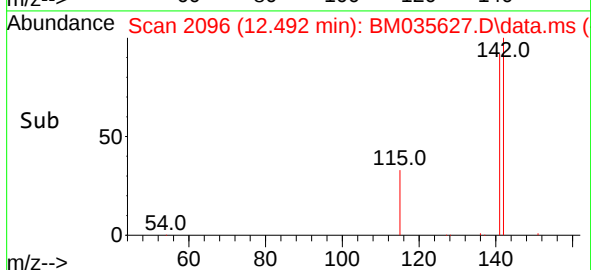
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

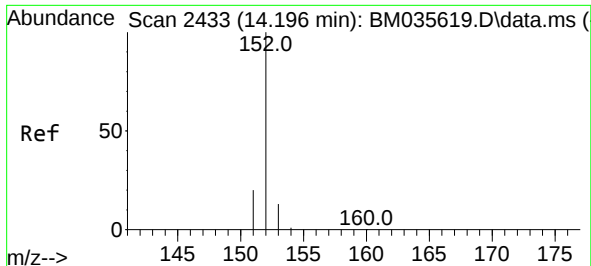


#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.492 min Scan# 2096
Delta R.T. -0.033 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14



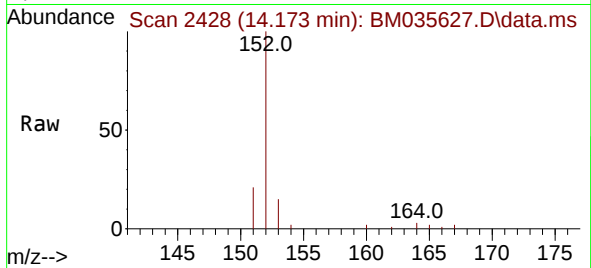
Tgt Ion:142 Resp: 11632
Ion Ratio Lower Upper
142 100
141 93.0 74.6 111.8





#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.173 min Scan# 2433
Delta R.T. -0.028 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

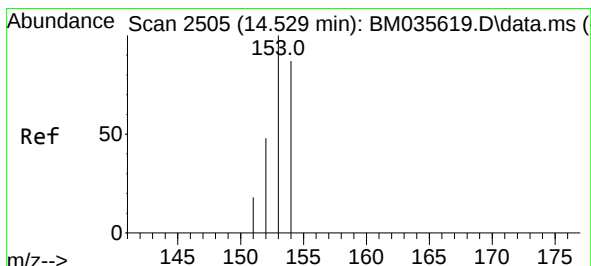
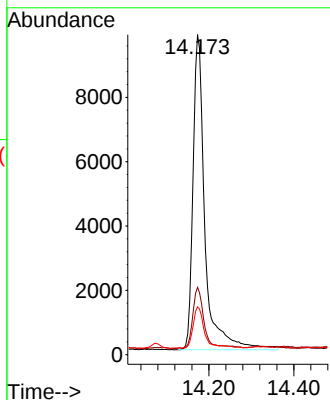
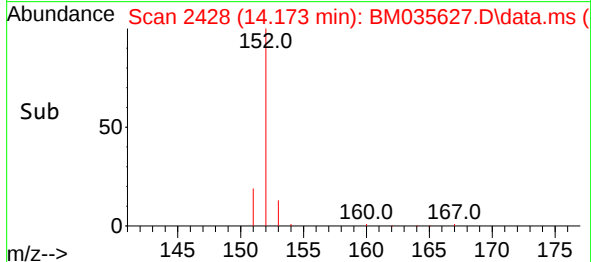
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion:152 Resp: 19140
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.9 11.1 16.7

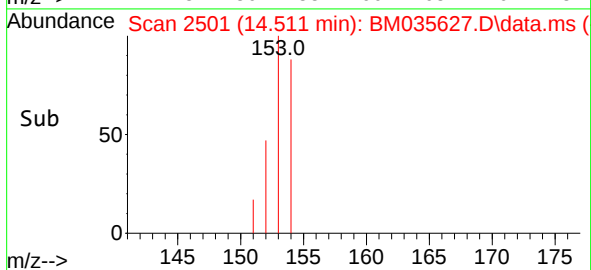
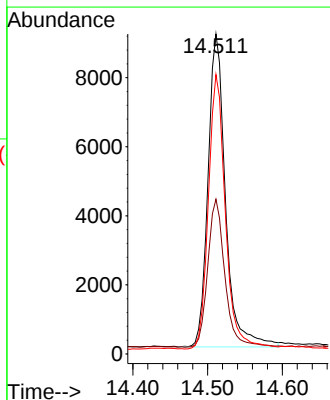
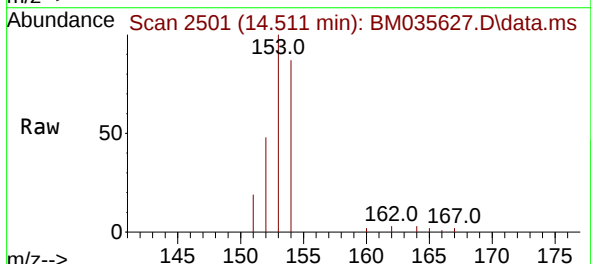
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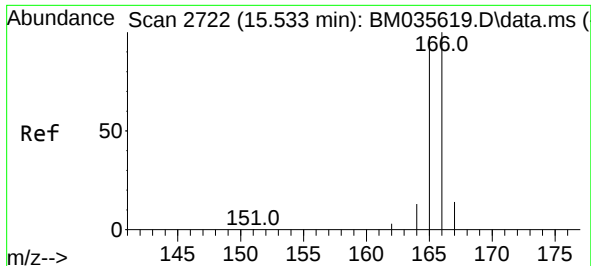
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.511 min Scan# 2501
Delta R.T. -0.023 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

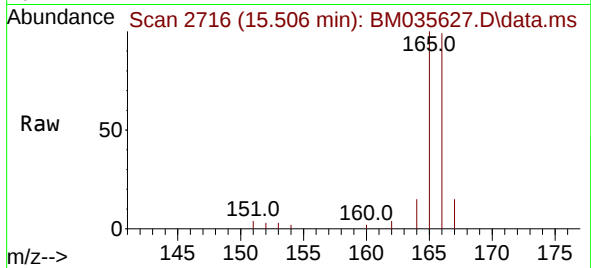
Tgt Ion:153 Resp: 14741
Ion Ratio Lower Upper
153 100
152 48.3 40.0 60.0
154 87.3 69.1 103.7





#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.506 min Scan# 2716
Delta R.T. -0.032 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

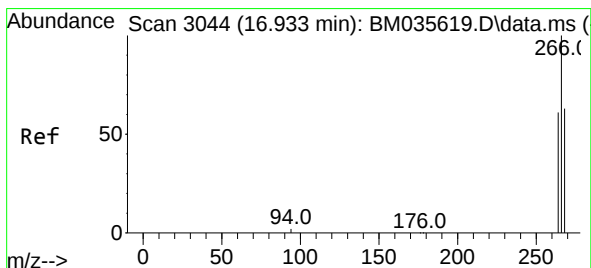
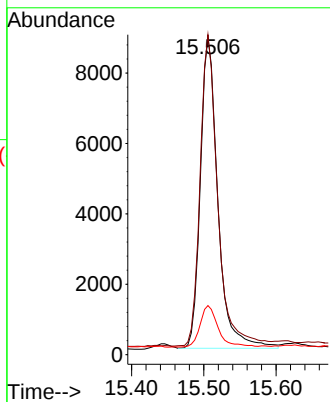
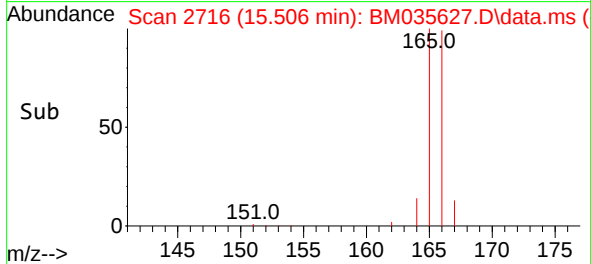
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion:166 Resp: 1488
Ion Ratio Lower Upper
166 100
165 100.9 78.7 118.1
167 15.5 11.6 17.4

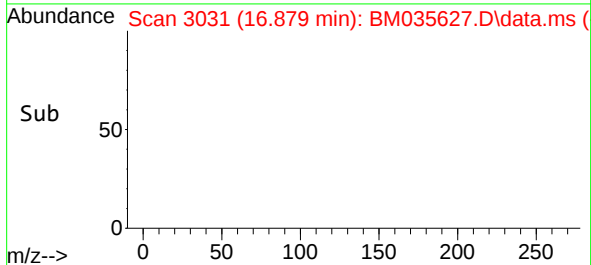
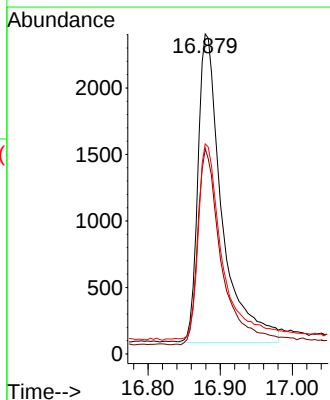
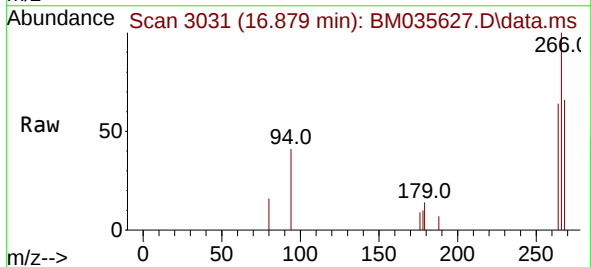
Manual Integrations
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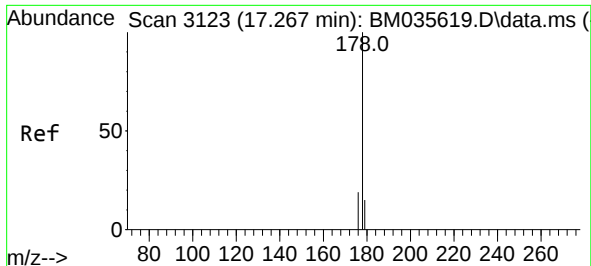
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#14
Pentachlorophenol
Concen: 1.495 ng/ul m
RT: 16.879 min Scan# 3031
Delta R.T. -0.051 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

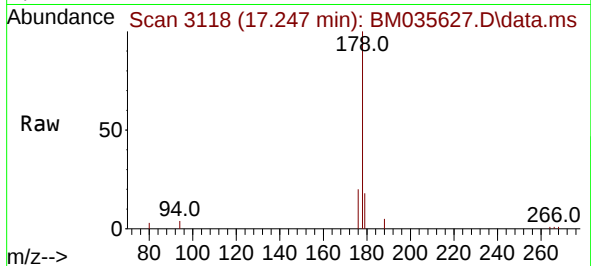
Tgt Ion:266 Resp: 5346
Ion Ratio Lower Upper
266 100
264 54.8 51.0 76.4
268 53.9 51.7 77.5





#15
Phenanthrene
Concen: 0.337 ng/u1
RT: 17.247 min Scan# 3118
Delta R.T. -0.025 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

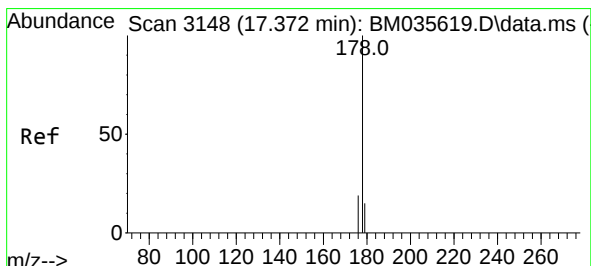
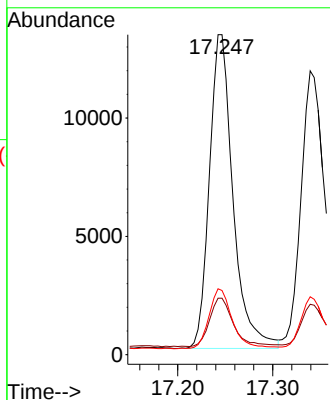
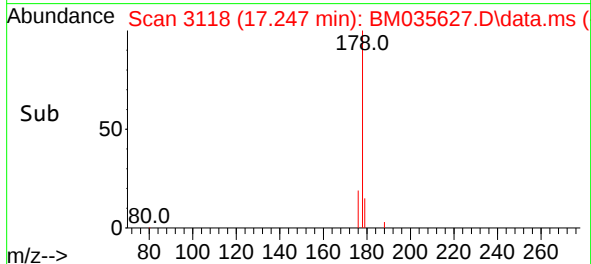
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion:178 Resp: 22999
Ion Ratio Lower Upper
178 100
179 17.7 13.2 19.8
176 20.0 16.2 24.4

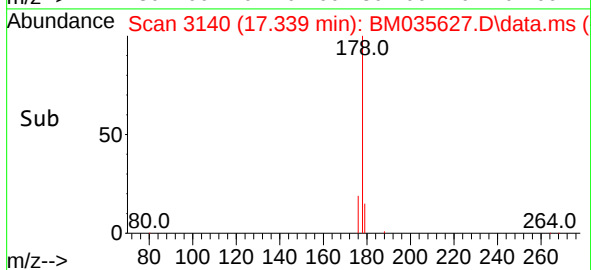
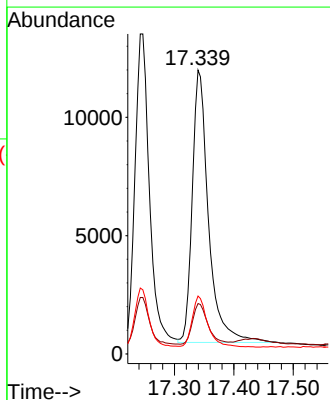
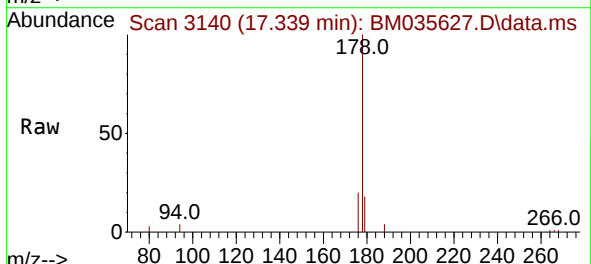
Manual Integrations
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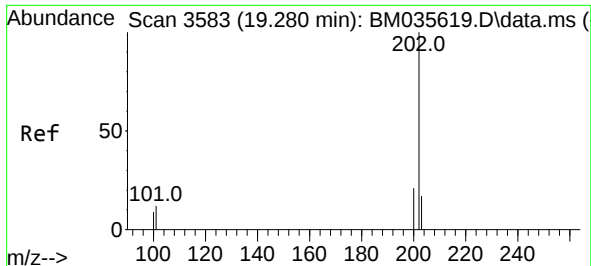
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#16
Anthracene
Concen: 0.365 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. -0.034 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

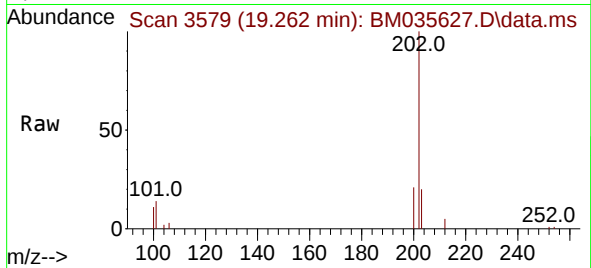
Tgt Ion:178 Resp: 21847
Ion Ratio Lower Upper
178 100
179 17.7 13.4 20.0
176 20.4 15.9 23.9





#19
Fluoranthene
Concen: 0.344 ng/u1
RT: 19.262 min Scan# 3579
Delta R.T. -0.023 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

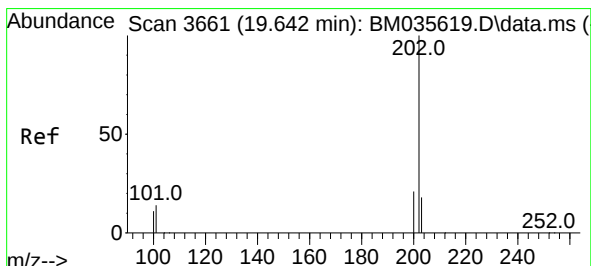
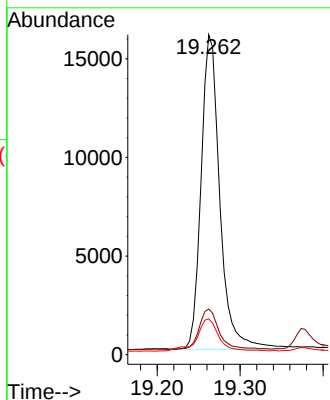
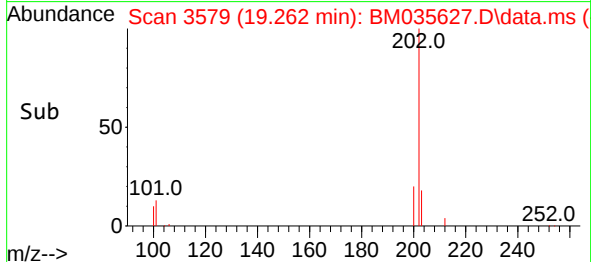
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



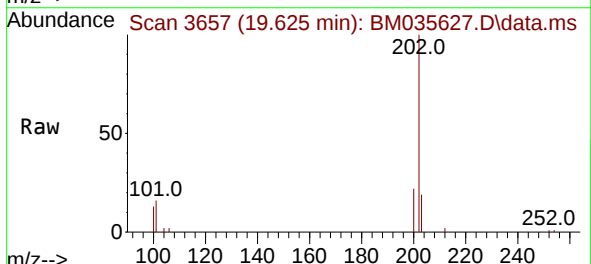
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Ion Ratio Lower Upper
202 100
101 14.3 10.0 15.0
100 11.2 7.5 11.3

Manual Integrations
APPROVED

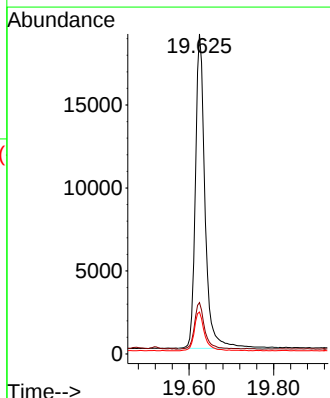
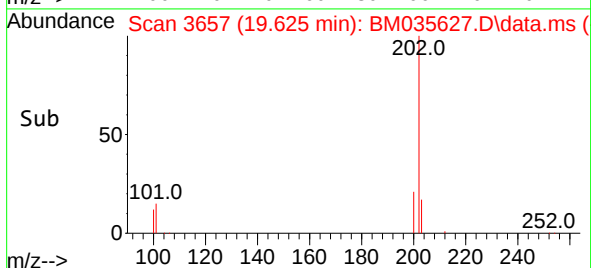
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

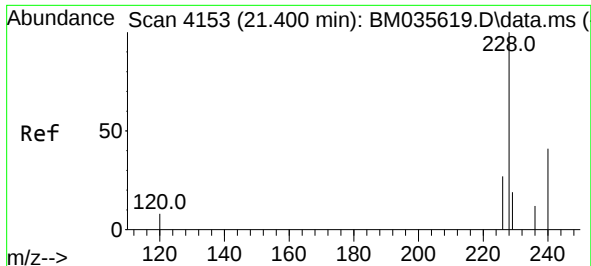


#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.625 min Scan# 3657
Delta R.T. -0.023 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14



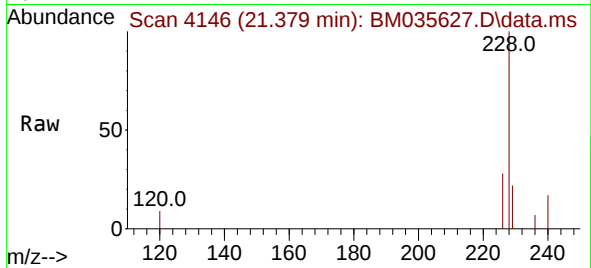
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Ion Ratio Lower Upper
202 100
101 16.1 11.6 17.4
100 13.1 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.379 min Scan# 4153
Delta R.T. -0.020 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

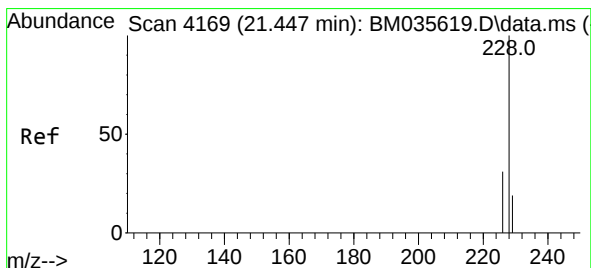
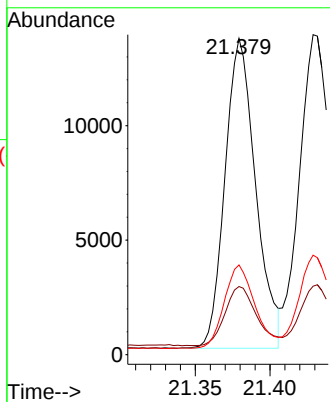
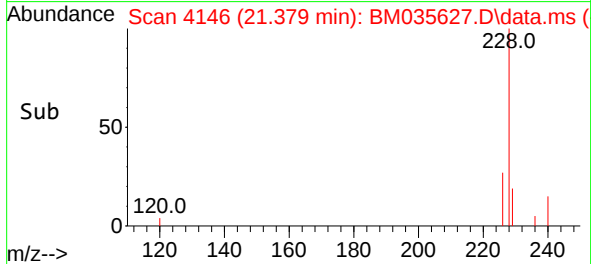
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion:228 Resp: 19330
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 28.4 22.3 33.5

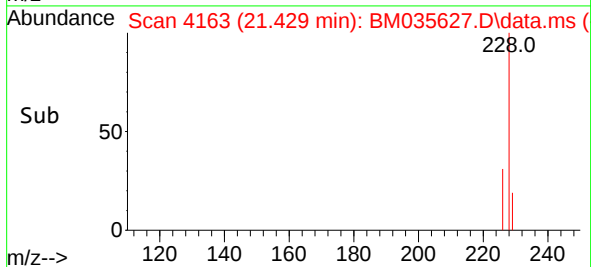
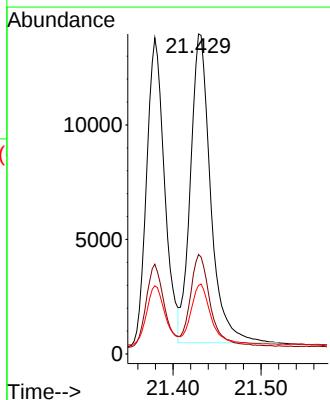
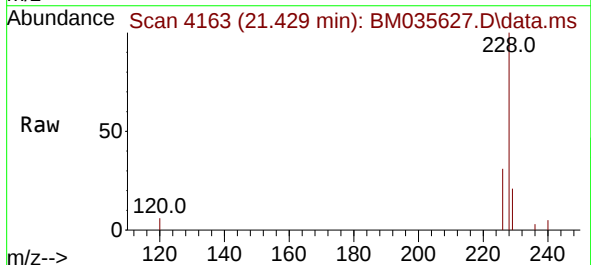
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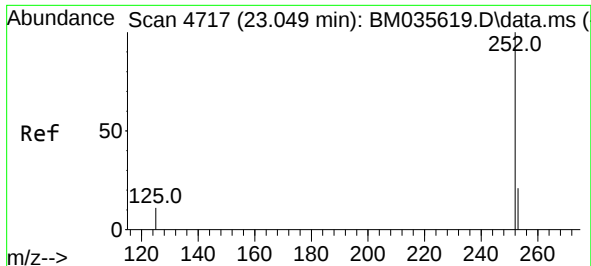
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.020 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

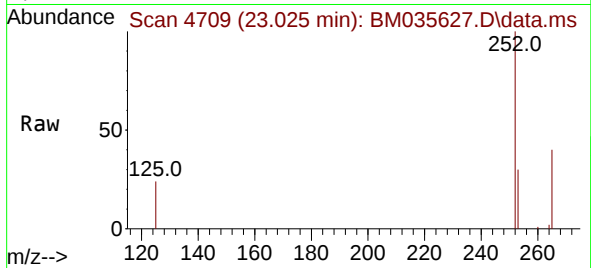
Tgt Ion:228 Resp: 21516
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 21.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.025 min Scan# 4717
Delta R.T. -0.026 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

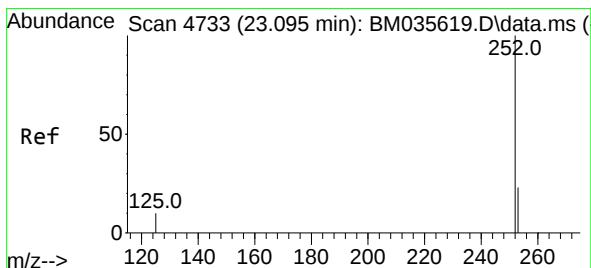
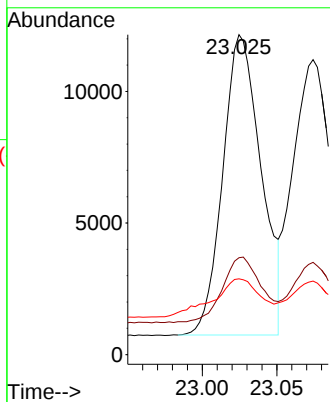
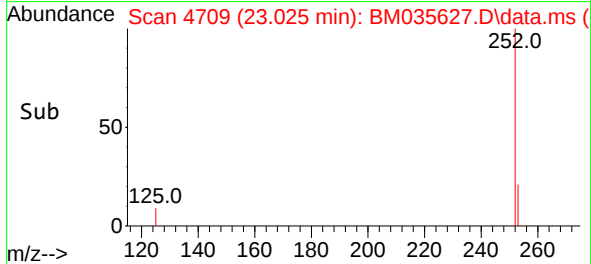
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion:252 Resp: 20428
Ion Ratio Lower Upper
252 100
253 30.3 0.0 60.6
125 23.7 0.0 44.8

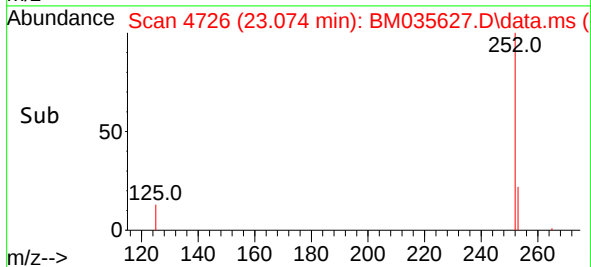
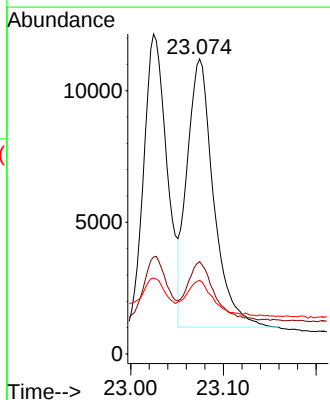
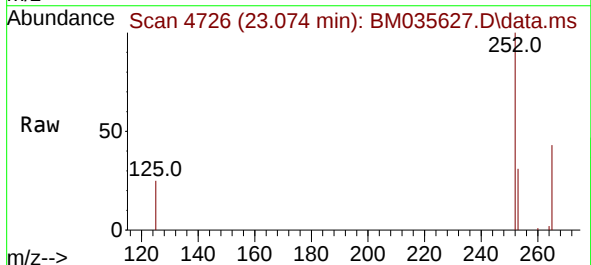
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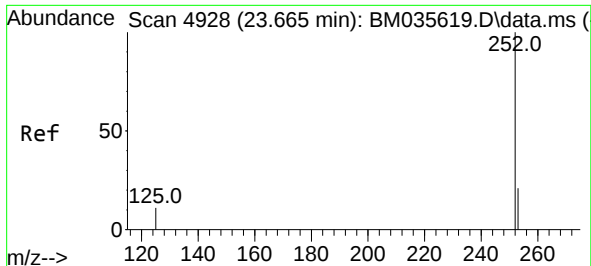
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 23.074 min Scan# 4726
Delta R.T. -0.023 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

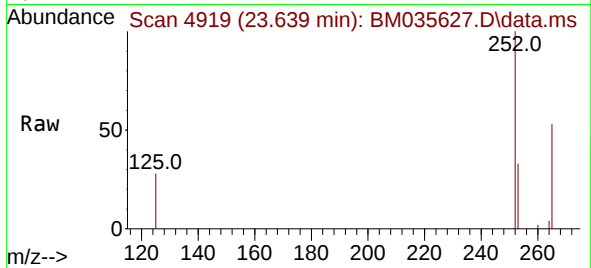
Tgt Ion:252 Resp: 20336
Ion Ratio Lower Upper
252 100
253 31.3 24.7 37.1
125 25.0 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.639 min Scan# 4919
Delta R.T. -0.029 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

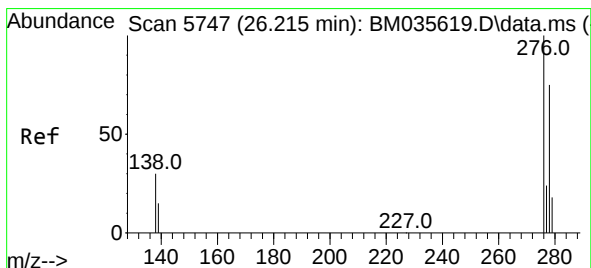
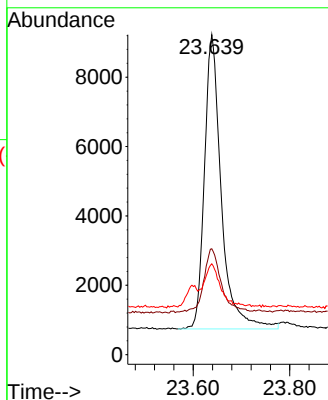
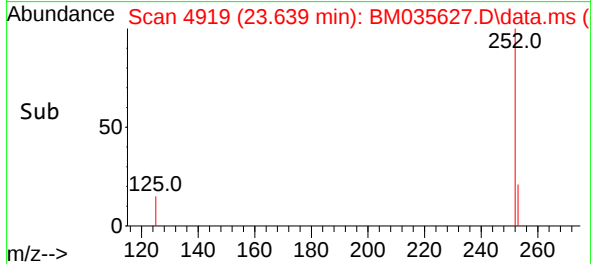
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



Tgt Ion:252 Resp: 20584
Ion Ratio Lower Upper
252 100
253 33.1 27.8 41.6
125 28.4 23.3 34.9

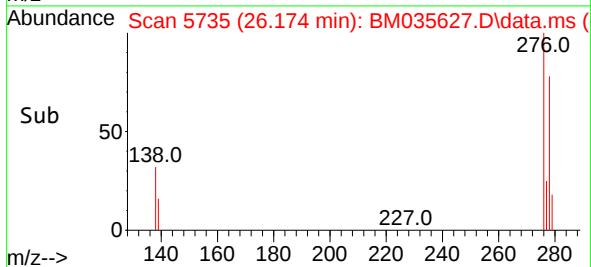
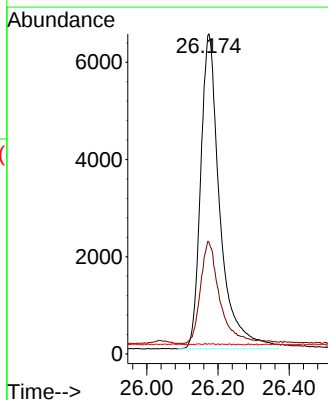
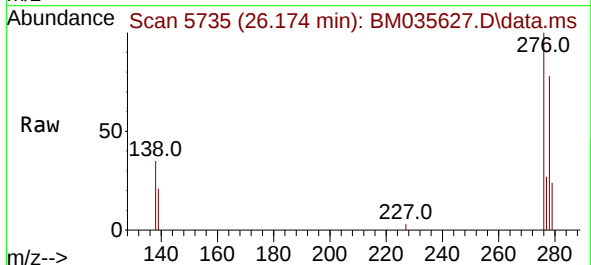
Manual Integrations
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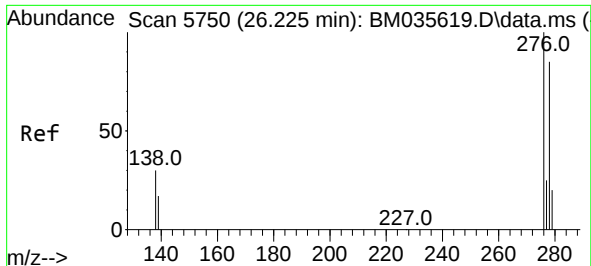
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.174 min Scan# 5735
Delta R.T. -0.037 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

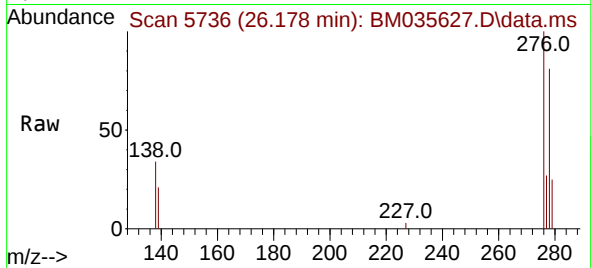
Tgt Ion:276 Resp: 24372
Ion Ratio Lower Upper
276 100
138 32.8 24.8 37.2
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.178 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14

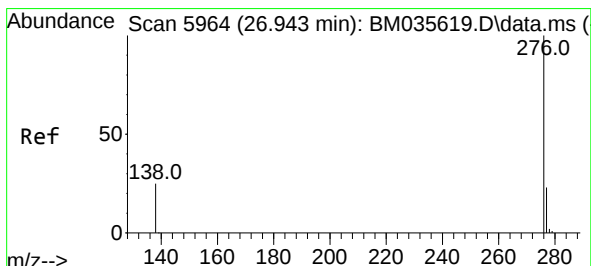
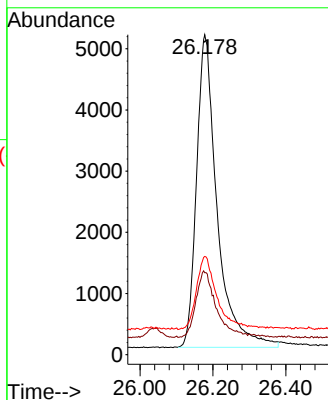
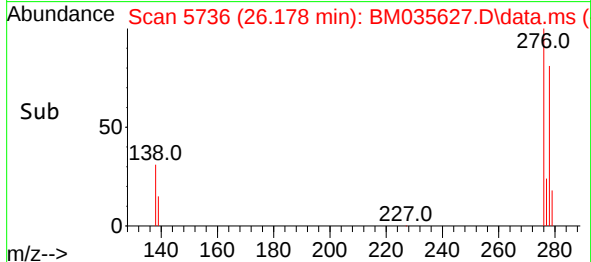
Instrument :
BNA_M
ClientSampleId :
EW4R7MS



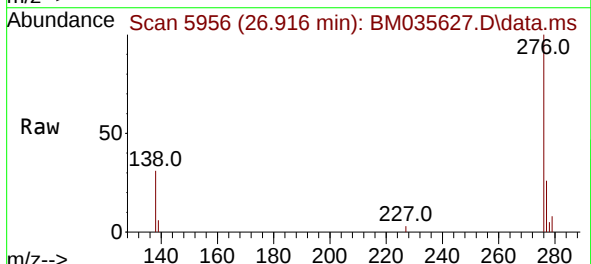
Tgt Ion:278 Resp: 2002
Ion Ratio Lower Upper
278 100
139 25.6 19.1 28.7
279 30.7 26.7 40.1

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APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 26.916 min Scan# 5956
Delta R.T. -0.030 min
Lab File: BM035627.D
Acq: 23 Jun 2022 16:14



Tgt Ion:276 Resp: 21417
Ion Ratio Lower Upper
276 100
138 31.0 23.1 34.7
277 26.3 20.3 30.5

