

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035549.D
 Acq On : 21 Jun 2022 00:32
 Operator : CG/JU
 Sample : N3226-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4M9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :Yogesh Patel 06/25/2022

Quant Time: Jun 21 01:29:41 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	7.829	152	4499	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.622	136	13835	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.460	164	7395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14532	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	11147	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	11387	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	13519	2.136	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	2513	0.122	ng/ul	0.01
18) Fluoranthene-d10	19.239	212	5004	0.134	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	1382	0.029	ng/ul#	77
7) 2-Methylnaphthalene	12.332	142	753	0.028	ng/ul	97
8) 1-Methylnaphthalene	12.536	142	606m	0.025	ng/ul	
10) Acenaphthylene	14.183	152	997	0.024	ng/ul#	73
15) Phenanthrene	17.247	178	6940	0.130	ng/ul	98
16) Anthracene	17.339	178	1810	0.039	ng/ul#	76
19) Fluoranthene	19.271	202	21548	0.378	ng/ul	99
20) Pyrene	19.625	202	20263	0.339	ng/ul#	96
21) Benzo(a)anthracene	21.394	228	10502	0.249	ng/ul	96
22) Chrysene	21.443	228	10499	0.209	ng/ul	97
24) Benzo(b)fluoranthene	23.033	252	15495	0.311	ng/ul	94
25) Benzo(k)fluoranthene	23.077	252	6337m	0.123	ng/ul	
26) Benzo(a)pyrene	23.630	252	10110	0.196	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.205	276	7782	0.131	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.208	278	1856	0.038	ng/ul#	31
29) Benzo(g,h,i)perylene	26.963	276	1482	0.028	ng/ul#	54

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

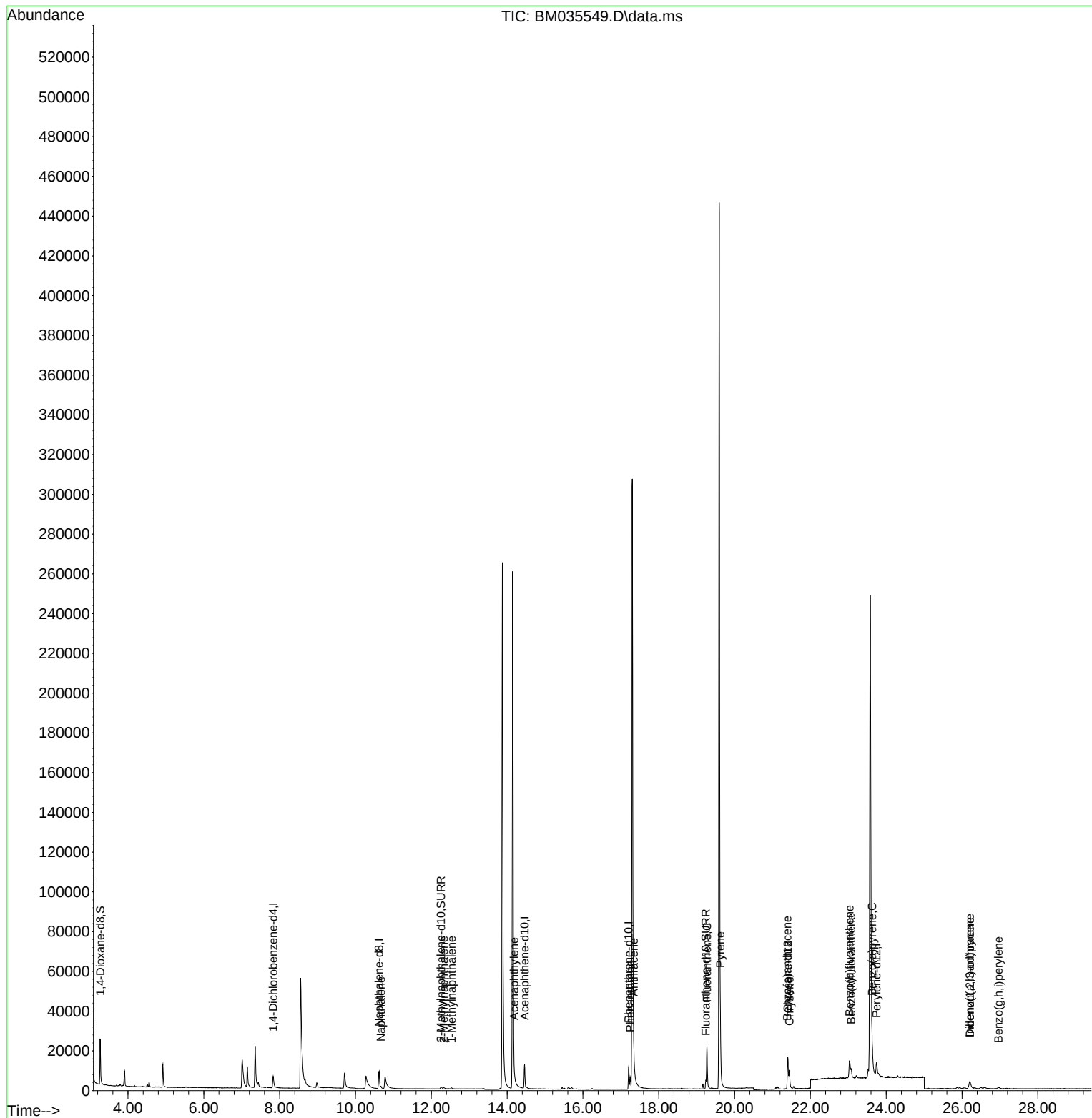
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035549.D
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ALS Vial : 27 Sample Multiplier: 1

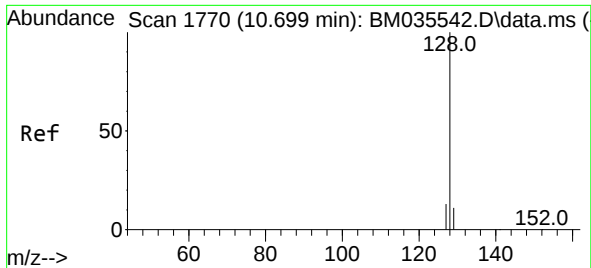
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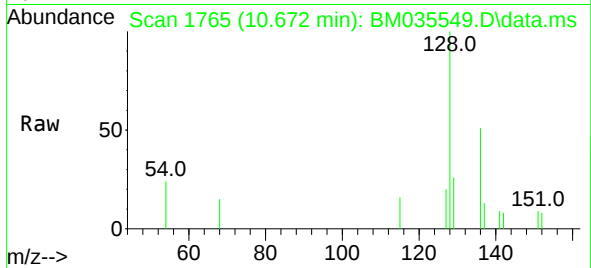
Quant Time: Jun 21 01:29:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.022 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

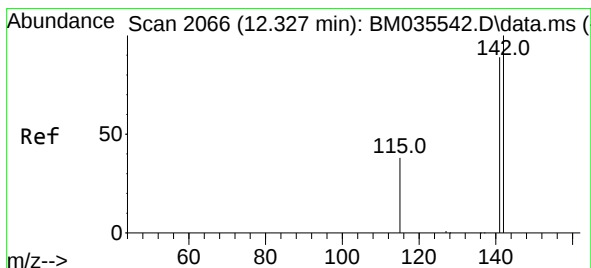
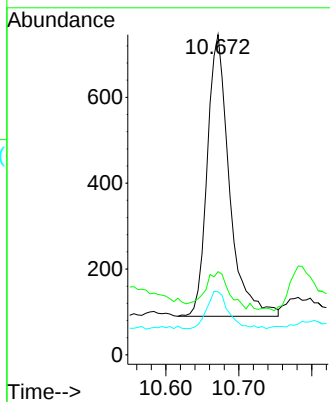
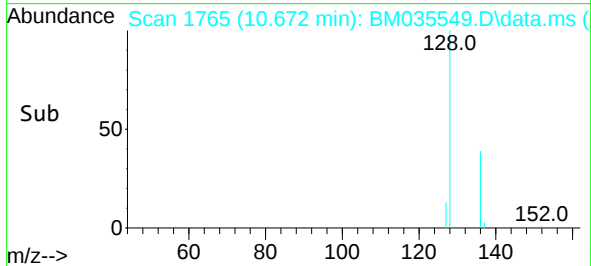
Instrument :
BNA_M
ClientSampleId :
EW4M9



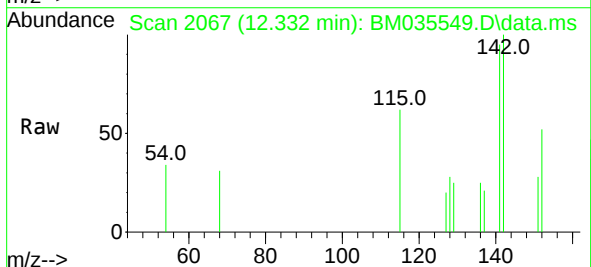
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Ion Ratio Lower Upper
128 100
129 26.0 10.1 15.1
127 19.7 11.4 17.2

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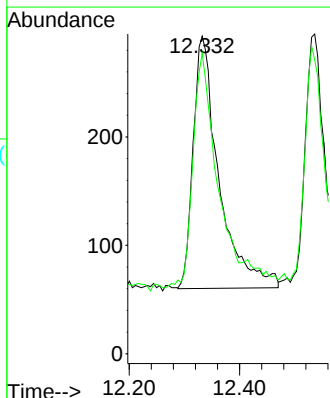
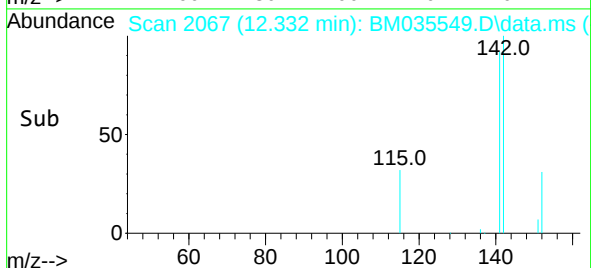
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022

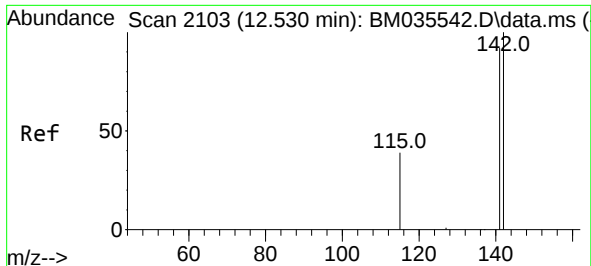


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. 0.011 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32



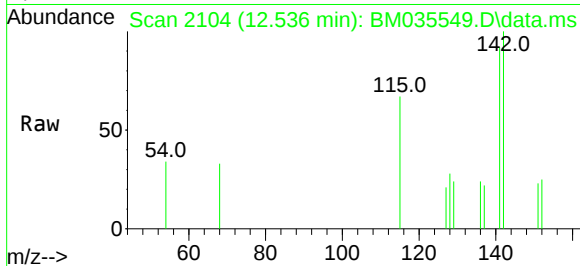
Tgt Ion:142 Resp: 753
Ion Ratio Lower Upper
142 100
141 95.0 73.8 110.8





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul m
RT: 12.536 min Scan# 2104
Delta R.T. 0.011 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

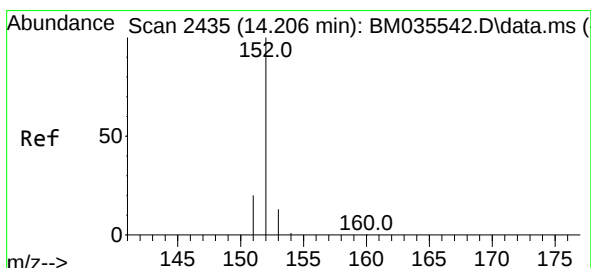
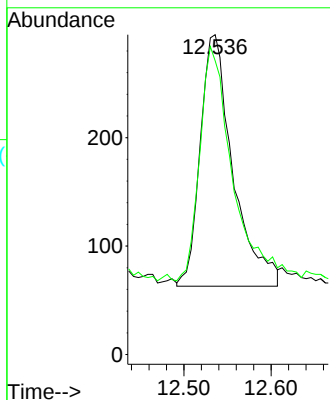
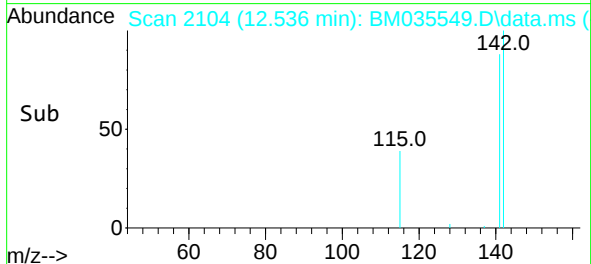
Instrument :
BNA_M
ClientSampleId :
EW4M9



Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
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141 84.0 74.6 111.8

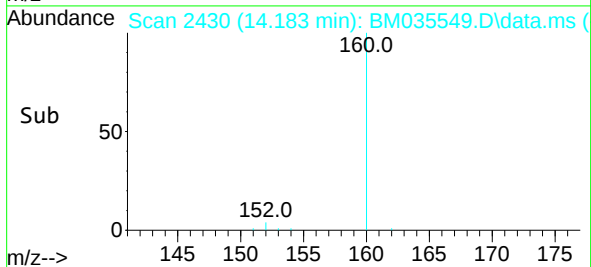
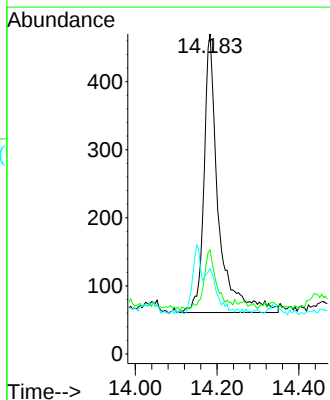
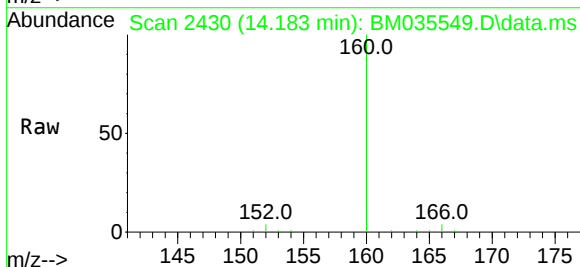
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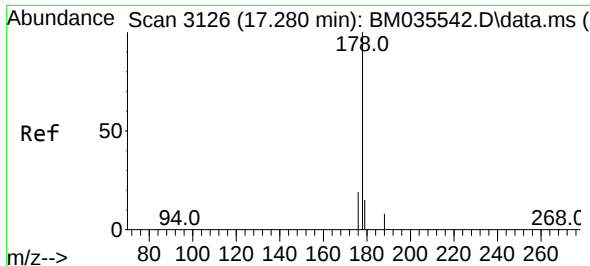
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.183 min Scan# 2430
Delta R.T. -0.018 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

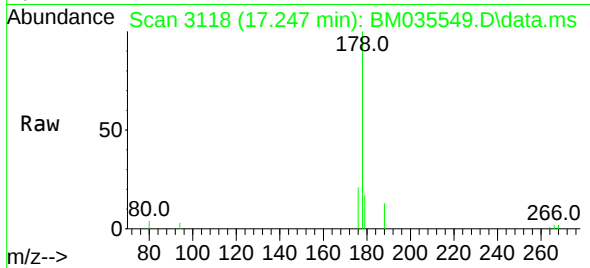
Tgt Ion:152 Resp: 997
Ion Ratio Lower Upper
152 100
151 32.6 16.8 25.2#
153 26.6 11.1 16.7#





#15
Phenanthrene
Concen: 0.130 ng/u1
RT: 17.247 min Scan# 3118
Delta R.T. -0.025 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

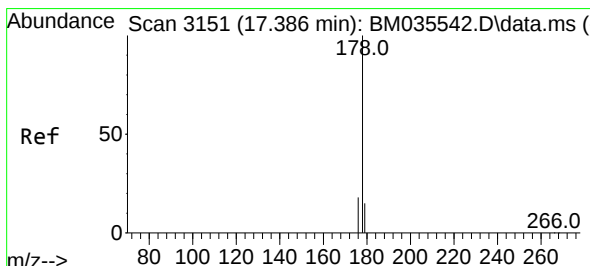
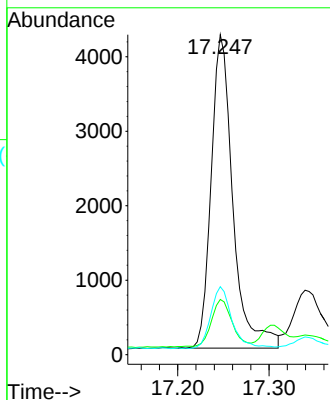
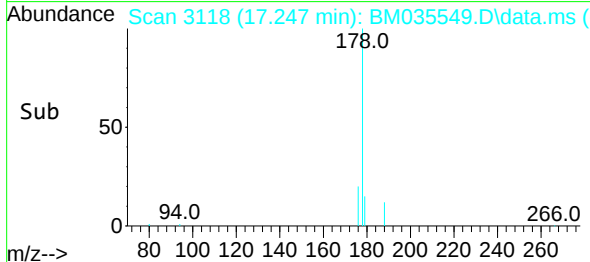
Instrument :
BNA_M
ClientSampleId :
EW4M9



Tgt Ion:178 Resp: 6940
Ion Ratio Lower Upper
178 100
179 17.2 13.2 19.8
176 21.3 16.2 24.4

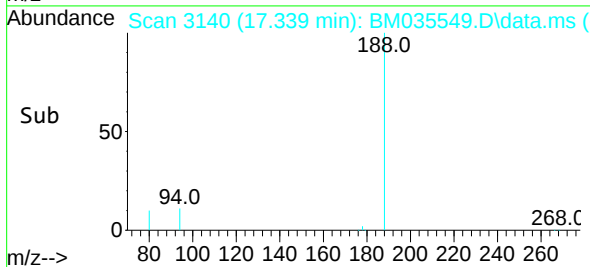
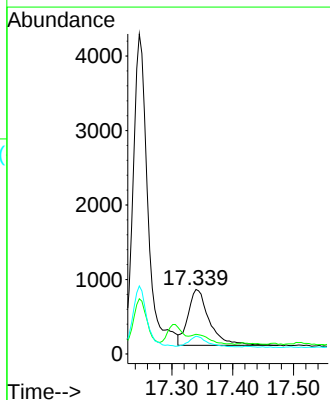
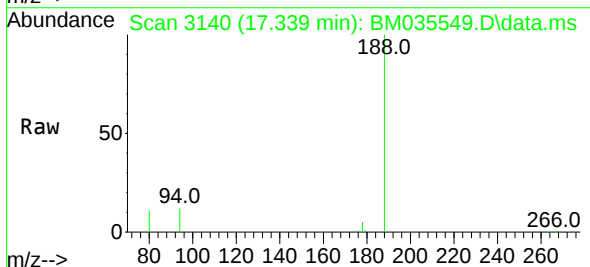
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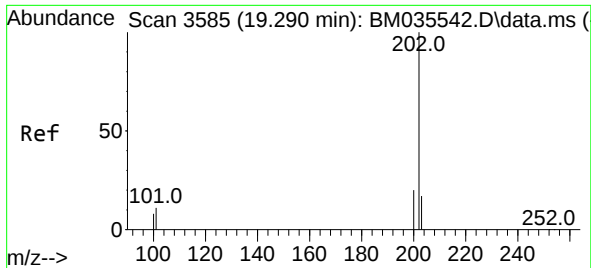
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#16
Anthracene
Concen: 0.039 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. -0.034 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

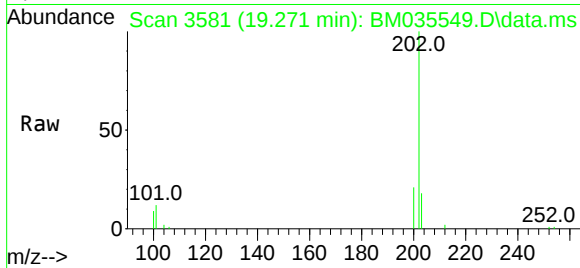
Tgt Ion:178 Resp: 1810
Ion Ratio Lower Upper
178 100
179 30.5 13.4 20.0#
176 27.6 15.9 23.9#





#19
Fluoranthene
Concen: 0.378 ng/u1
RT: 19.271 min Scan# 3581
Delta R.T. -0.014 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

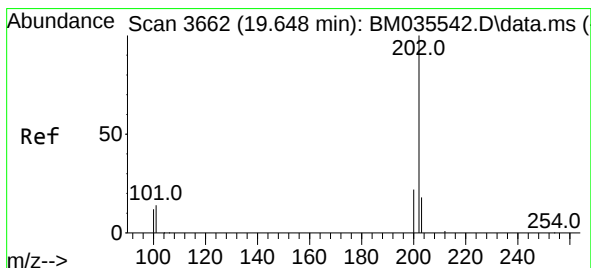
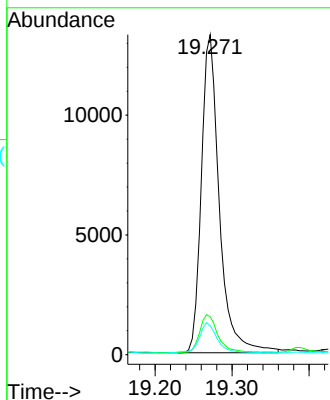
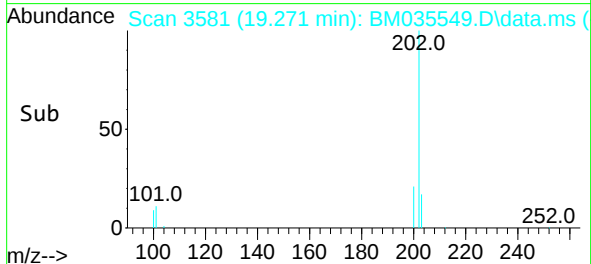
Instrument :
BNA_M
ClientSampleId :
EW4M9



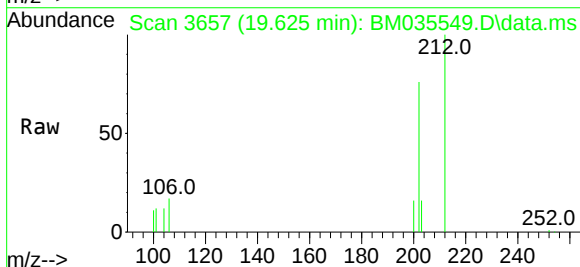
Tgt Ion:202 Resp: 21548
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.1 7.5 11.3

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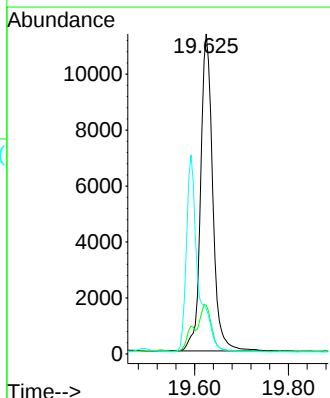
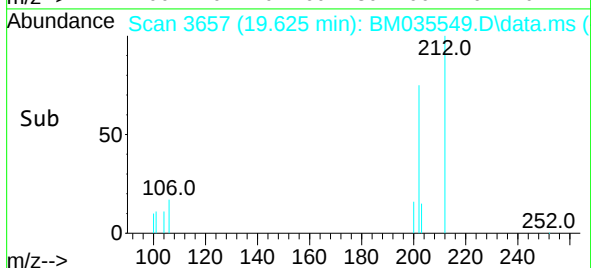
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022

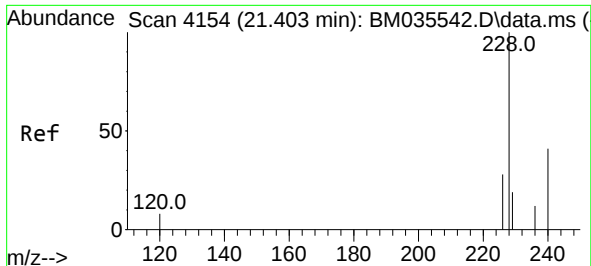


#20
Pyrene
Concen: 0.339 ng/u1
RT: 19.625 min Scan# 3657
Delta R.T. -0.023 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32



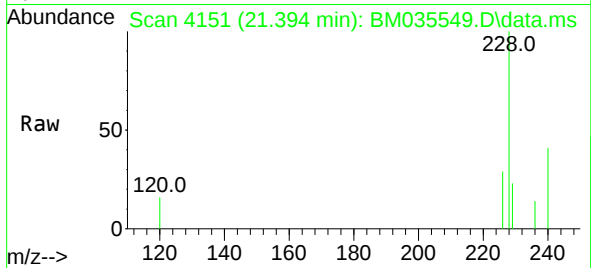
Tgt Ion:202 Resp: 20263
Ion Ratio Lower Upper
202 100
101 15.3 11.6 17.4
100 14.2 9.3 13.9#





#21
Benzo(a)anthracene
Concen: 0.249 ng/u1
RT: 21.394 min Scan# 4154
Delta R.T. -0.006 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

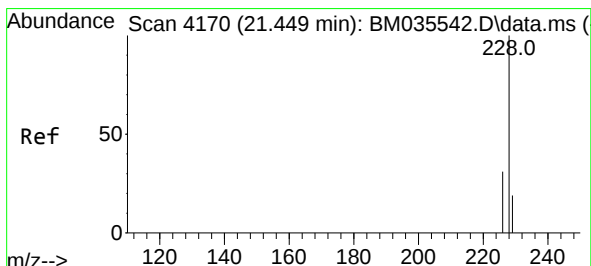
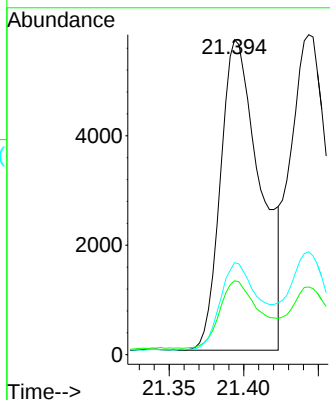
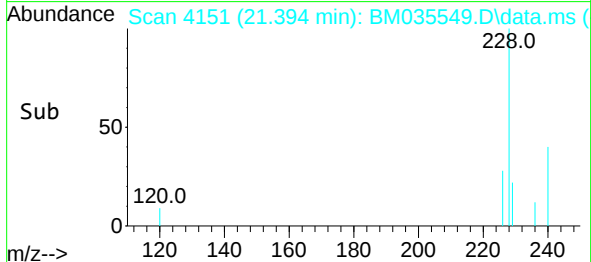
Instrument :
BNA_M
ClientSampleId :
EW4M9



Tgt Ion:228 Resp: 1050
Ion Ratio Lower Upper
228 100
229 23.5 16.2 24.2
226 29.2 22.3 33.5

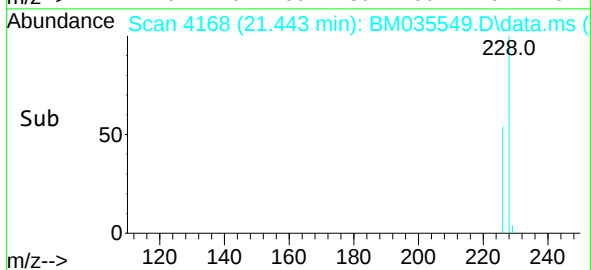
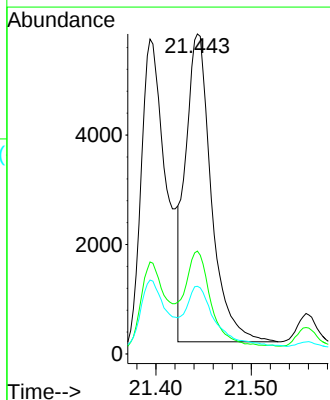
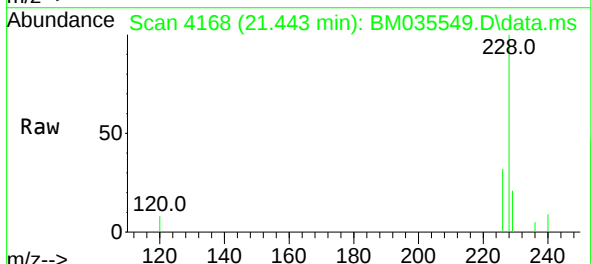
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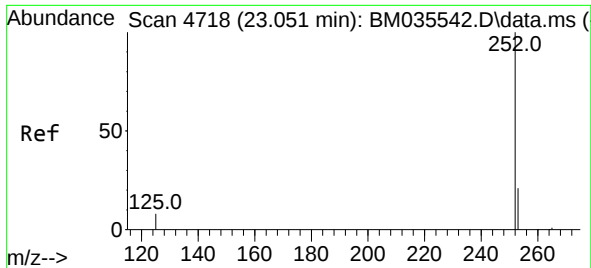
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#22
Chrysene
Concen: 0.209 ng/u1
RT: 21.443 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

Tgt Ion:228 Resp: 10499
Ion Ratio Lower Upper
228 100
226 32.2 24.5 36.7
229 21.1 15.8 23.8





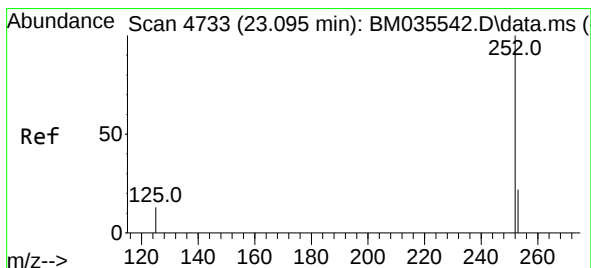
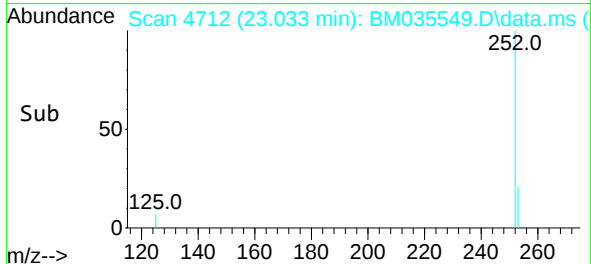
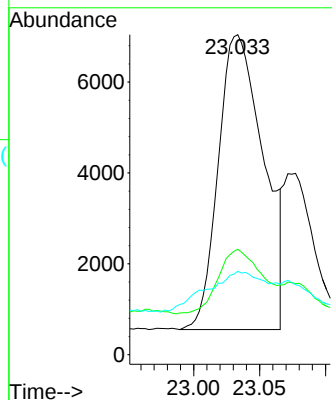
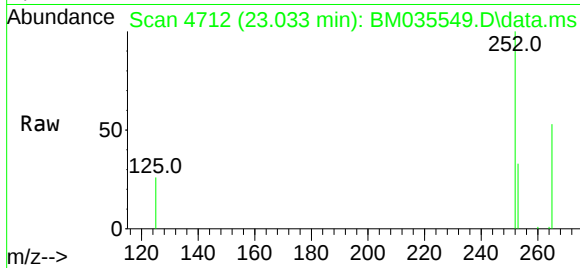
#24
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 23.033 min Scan# 4712
Delta R.T. -0.018 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

Instrument :
BNA_M
ClientSampleId :
EW4M9

Tgt Ion:252 Resp: 1549
Ion Ratio Lower Upper
252 100
253 33.0 0.0 60.6
125 26.1 0.0 44.8

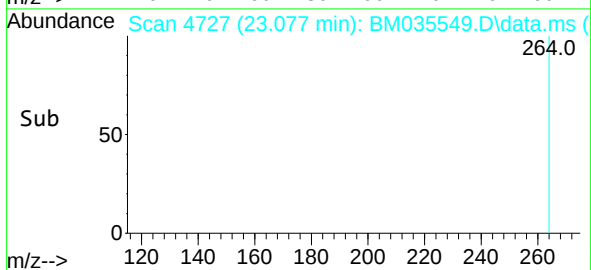
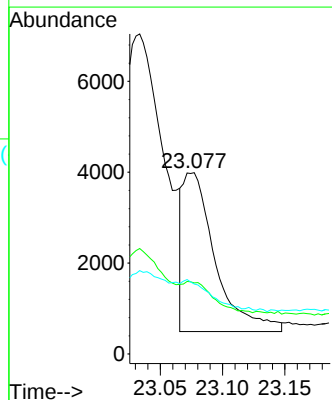
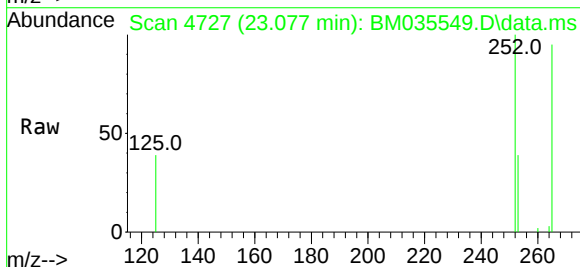
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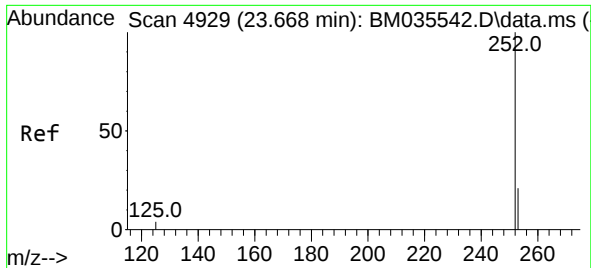
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 23.077 min Scan# 4727
Delta R.T. -0.020 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

Tgt Ion:252 Resp: 6337
Ion Ratio Lower Upper
252 100
253 39.2 24.7 37.1#
125 38.6 18.2 27.4#





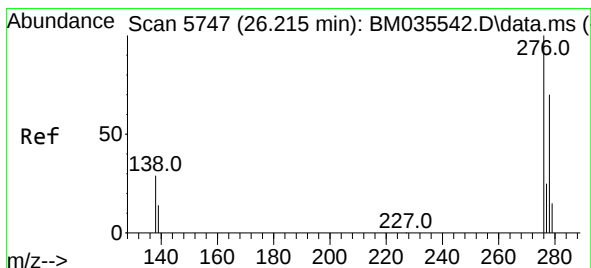
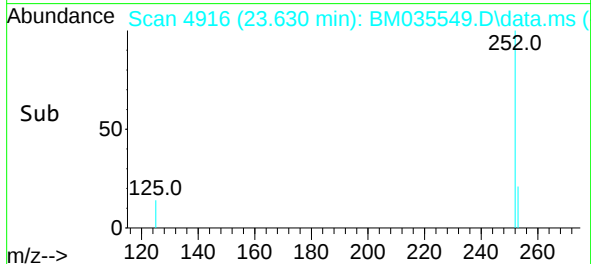
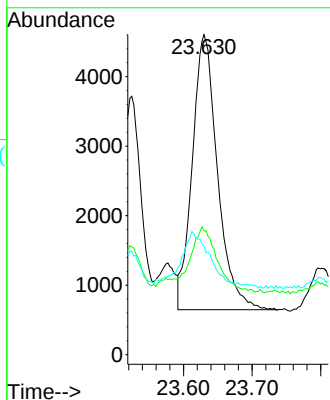
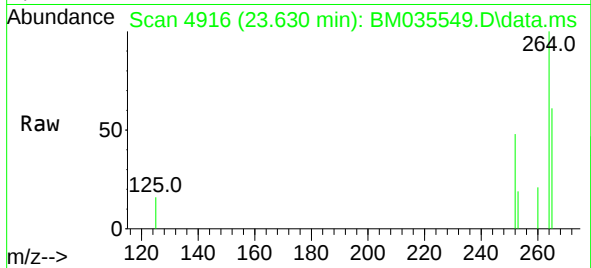
#26
Benzo(a)pyrene
Concen: 0.196 ng/u1
RT: 23.630 min Scan# 4916
Delta R.T. -0.038 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

Instrument :
BNA_M
ClientSampleId :
EW4M9

Tgt Ion:252 Resp: 10110
Ion Ratio Lower Upper
252 100
253 38.6 27.8 41.6
125 33.9 23.3 34.9

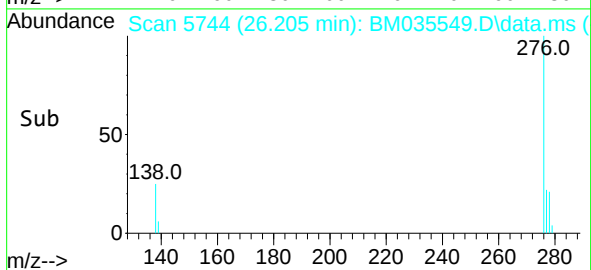
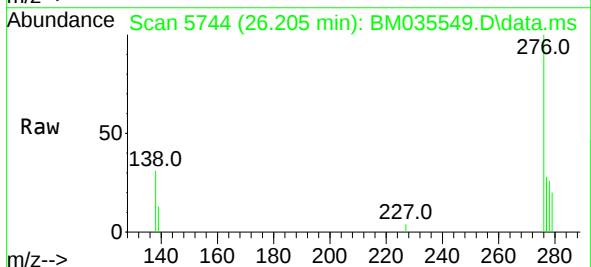
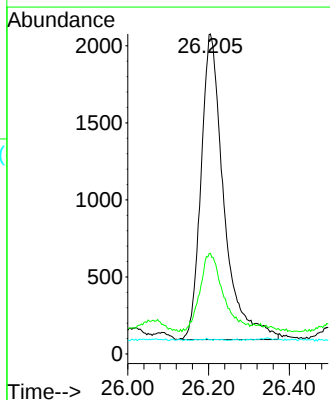
Manual Integrations
APPROVED

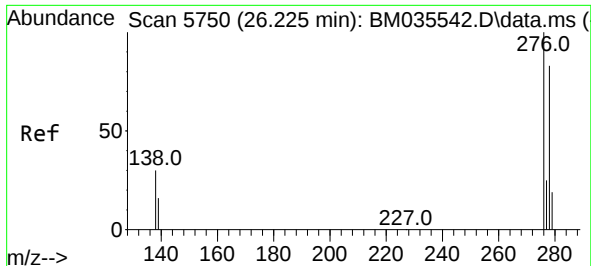
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng/u1
RT: 26.205 min Scan# 5744
Delta R.T. -0.007 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

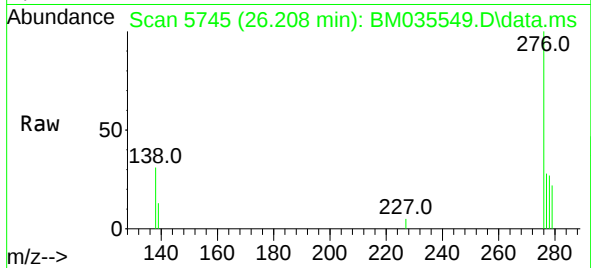
Tgt Ion:276 Resp: 7782
Ion Ratio Lower Upper
276 100
138 27.9 24.8 37.2
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 26.208 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

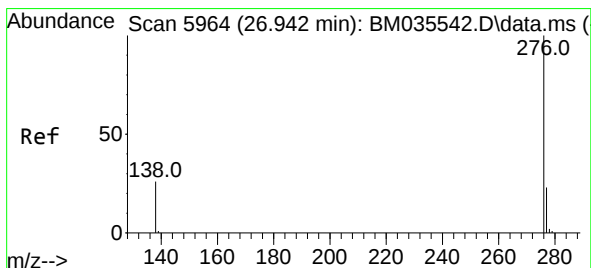
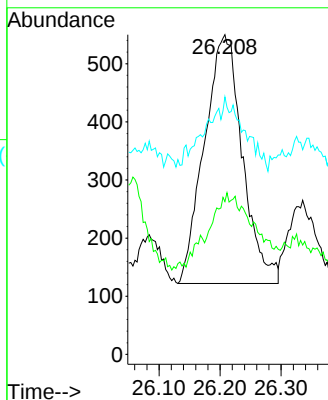
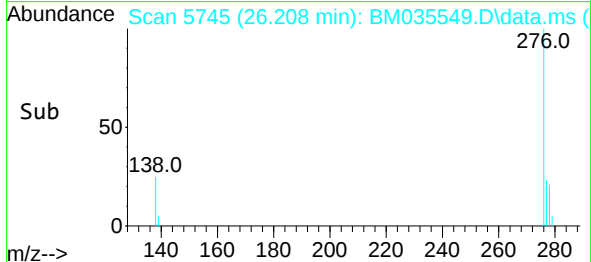
Instrument :
BNA_M
ClientSampleId :
EW4M9



Tgt Ion:278 Resp: 1850
Ion Ratio Lower Upper
278 100
139 47.8 19.1 28.7#
279 80.5 26.7 40.1#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 26.963 min Scan# 5970
Delta R.T. 0.017 min
Lab File: BM035549.D
Acq: 21 Jun 2022 00:32

Tgt Ion:276 Resp: 1482
Ion Ratio Lower Upper
276 100
138 55.6 23.1 34.7#
277 46.0 20.3 30.5#

