

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037216.D
 Acq On : 24 Oct 2022 23:12
 Operator : CG/JU
 Sample : N5015-06DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C1BE6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 02:45:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14988	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	8812	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	18363	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	11826	0.400	ng/ul	0.00
23) Perylene-d12	23.814	264	9202	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4943	0.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	1215	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	2598	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.590	153	1404	0.041	ng/ul	99
12) Fluorene	15.575	166	1673	0.042	ng/ul#	97
15) Phenanthrene	17.310	178	23651	0.382	ng/ul	99
16) Anthracene	17.403	178	5599	0.114	ng/ul	96
19) Fluoranthene	19.323	202	35697	0.695	ng/ul	99
20) Pyrene	19.685	202	31344	0.602	ng/ul	99
21) Benzo(a)anthracene	21.429	228	10324	0.225	ng/ul	98
22) Chrysene	21.481	228	10047	0.190	ng/ul	98
24) Benzo(b)fluoranthene	23.095	252	10059	0.206	ng/ul	82
25) Benzo(k)fluoranthene	23.139	252	3765m	0.080	ng/ul	
26) Benzo(a)pyrene	23.709	252	7056	0.180	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.265	276	4299	0.079	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.278	278	1033	0.024	ng/ul#	13
29) Benzo(g,h,i)perylene	27.026	276	3902	0.081	ng/ul#	89

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

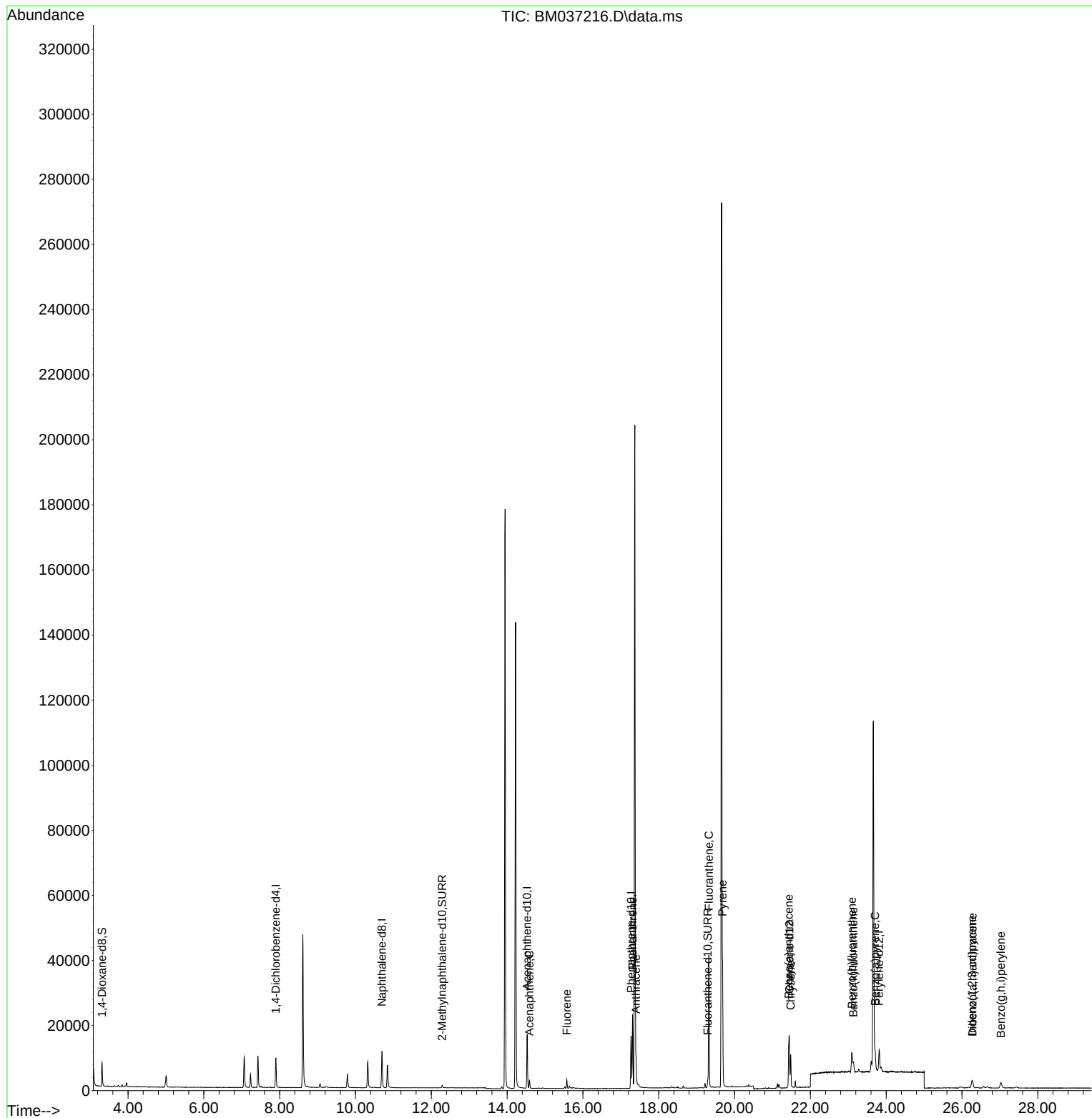
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037216.D
Acq On : 24 Oct 2022 23:12
Operator : CG/JU
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ALS Vial : 23 Sample Multiplier: 1

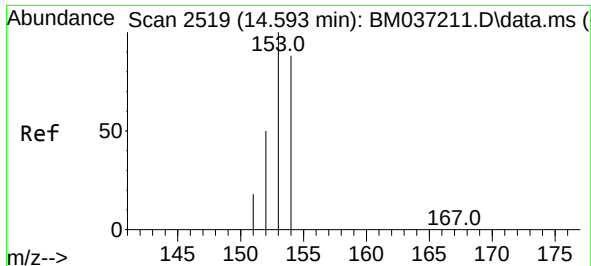
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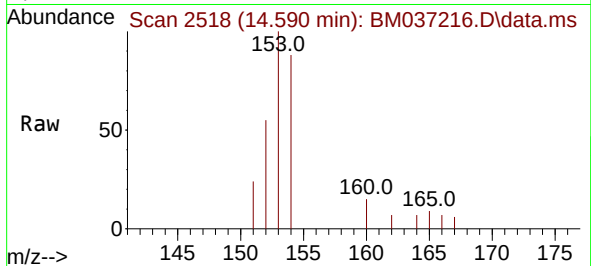
Quant Time: Oct 25 02:45:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
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#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.590 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

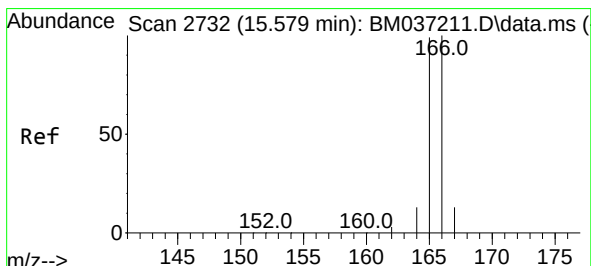
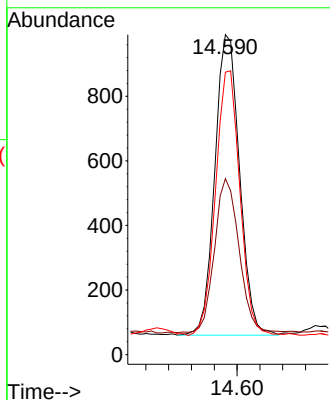
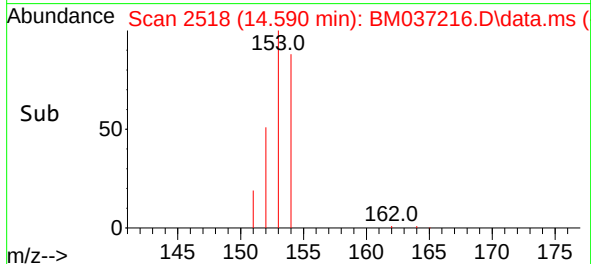
Instrument :
BNA_M
ClientSampleId :
C1BE6DL



Tgt Ion:153 Resp: 1404
Ion Ratio Lower Upper
153 100
152 55.0 43.3 64.9
154 88.3 70.0 105.0

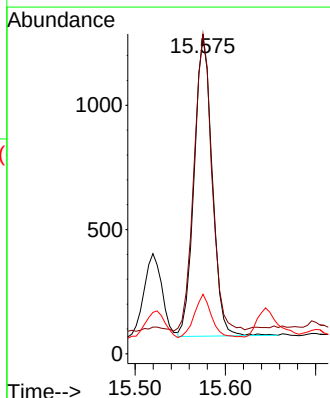
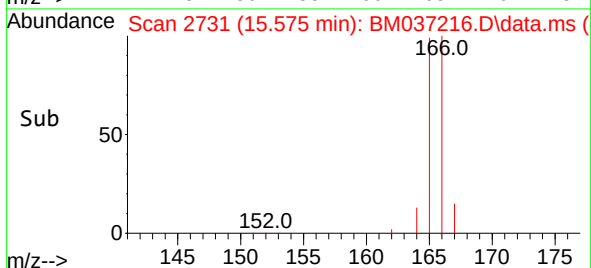
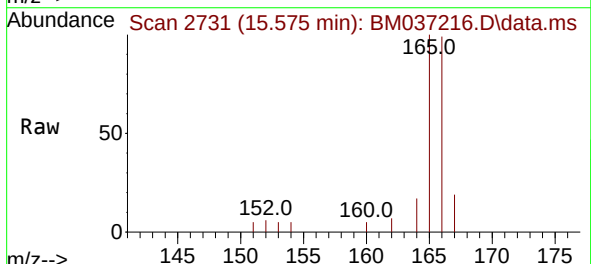
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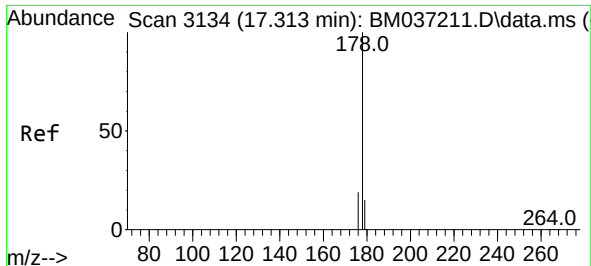
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

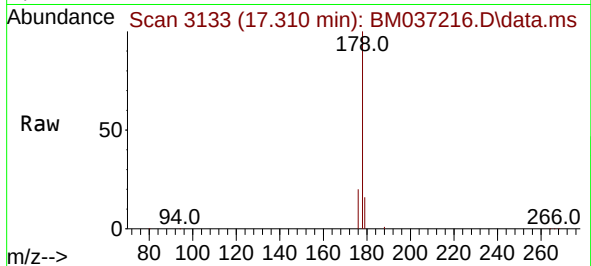
Tgt Ion:166 Resp: 1673
Ion Ratio Lower Upper
166 100
165 101.2 79.4 119.2
167 18.9 11.3 16.9#





#15
Phenanthrene
Concen: 0.382 ng/u1
RT: 17.310 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

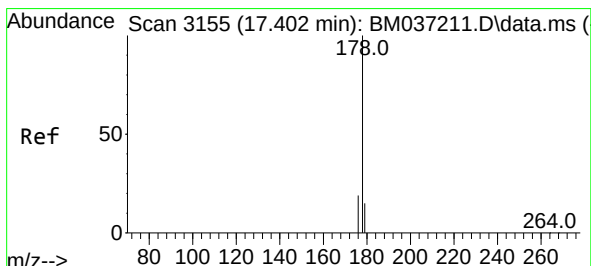
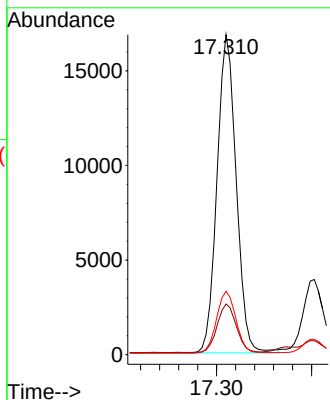
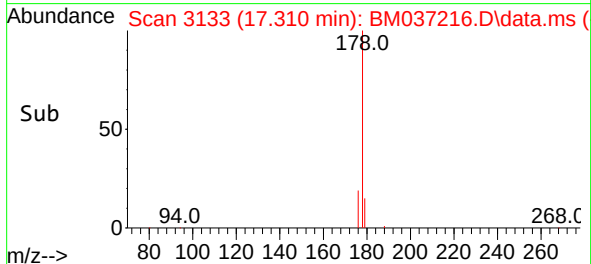
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Tgt Ion:178 Resp: 2365
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.8 16.1 24.1

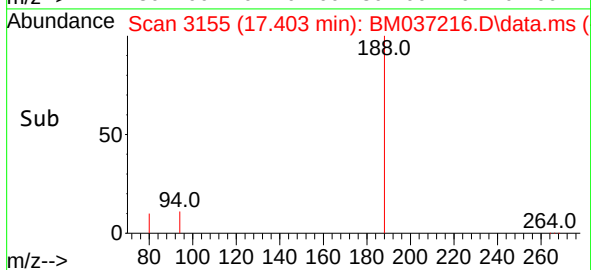
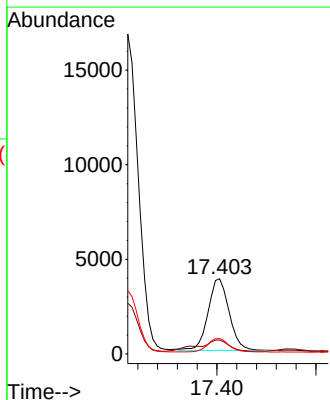
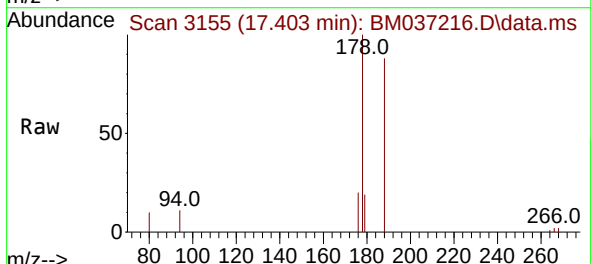
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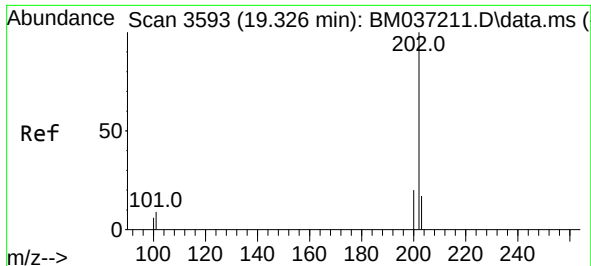
Reviewed By :Jagrut Upadhyay 10/25/2022
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#16
Anthracene
Concen: 0.114 ng/u1
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

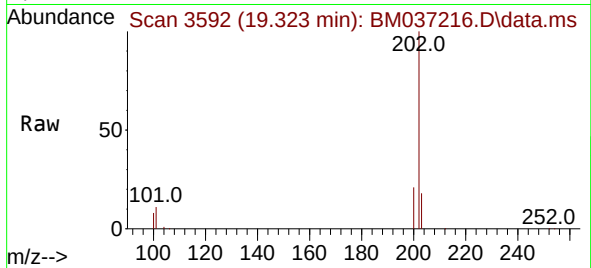
Tgt Ion:178 Resp: 5599
Ion Ratio Lower Upper
178 100
179 18.6 13.1 19.7
176 20.4 15.3 22.9





#19
Fluoranthene
Concen: 0.695 ng/u1
RT: 19.323 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

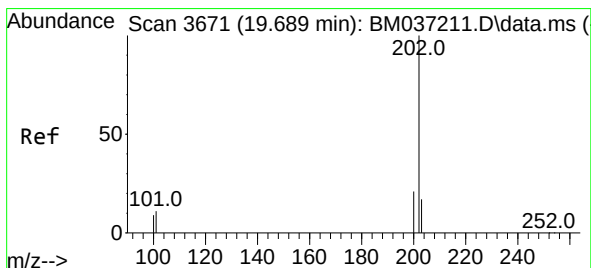
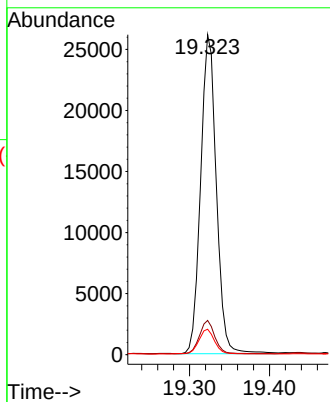
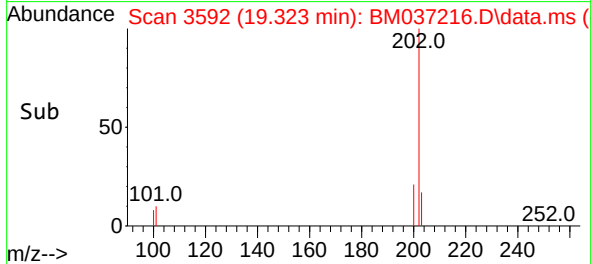
Instrument :
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ClientSampleId :
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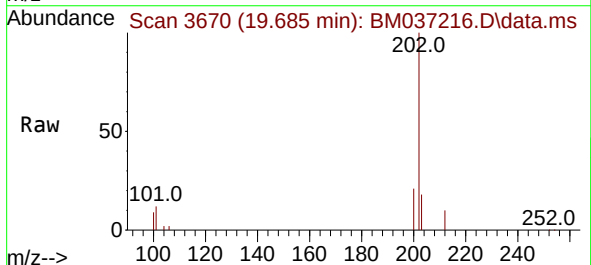
Tgt Ion:202 Resp: 3569
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 7.9 6.9 10.3

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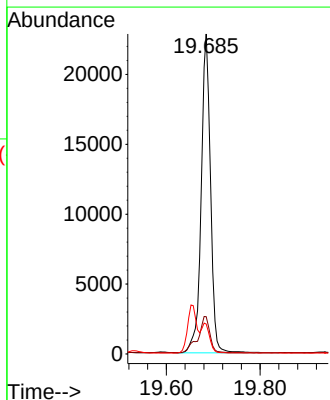
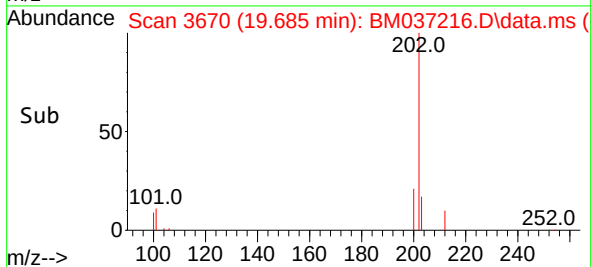
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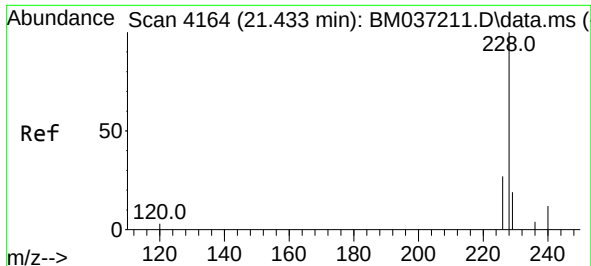


#20
Pyrene
Concen: 0.602 ng/u1
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12



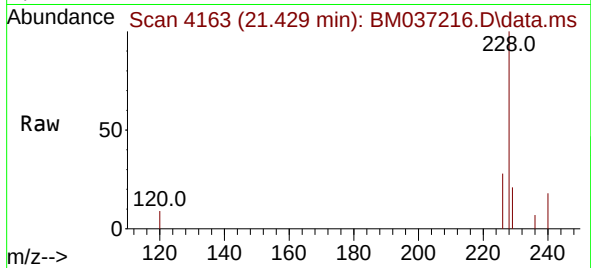
Tgt Ion:202 Resp: 31344
Ion Ratio Lower Upper
202 100
101 11.7 9.7 14.5
100 9.3 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.225 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

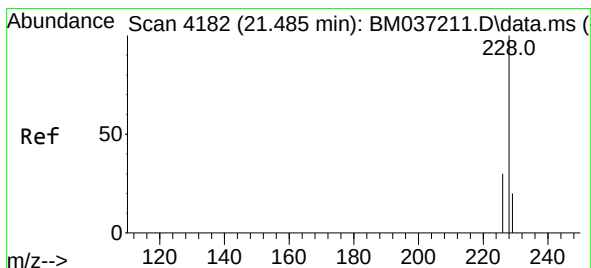
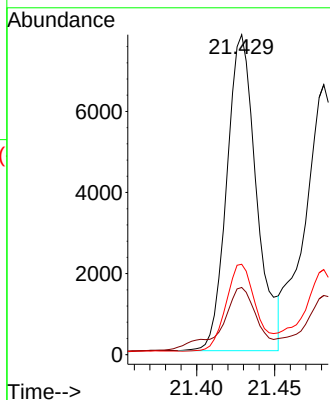
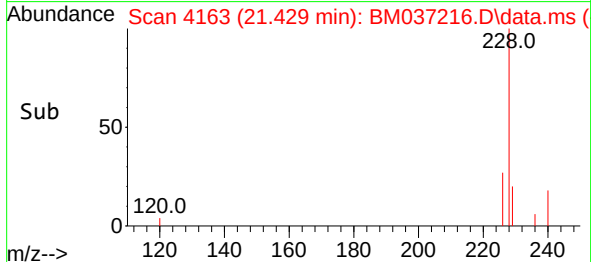
Instrument :
BNA_M
ClientSampleId :
C1BE6DL



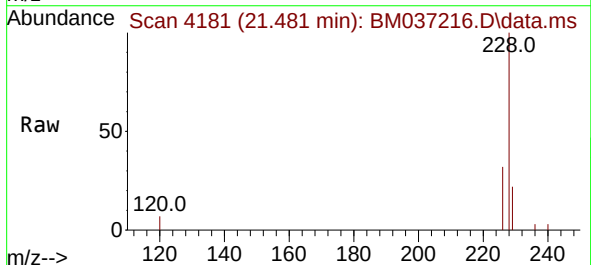
Tgt Ion:228 Resp: 10324
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 28.3 21.8 32.8

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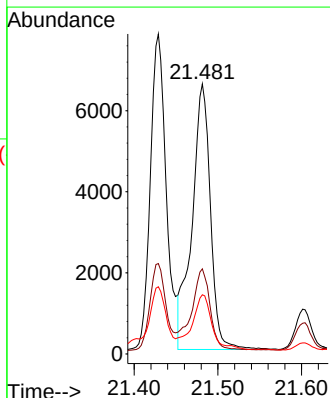
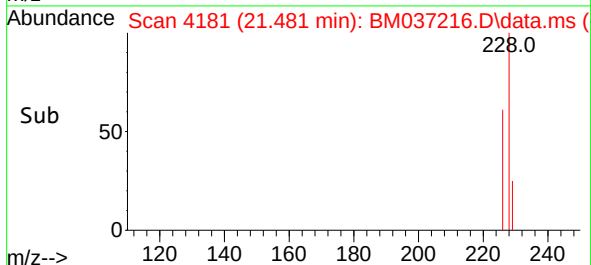
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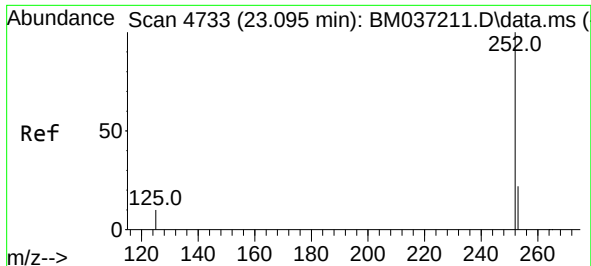


#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12



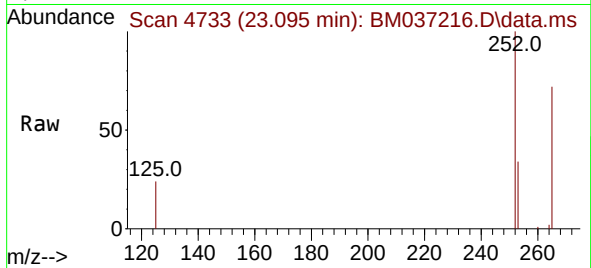
Tgt Ion:228 Resp: 10047
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 21.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.206 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. 0.000 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

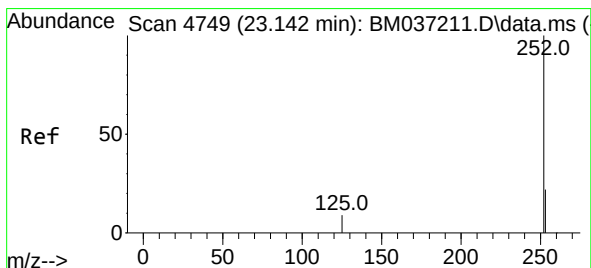
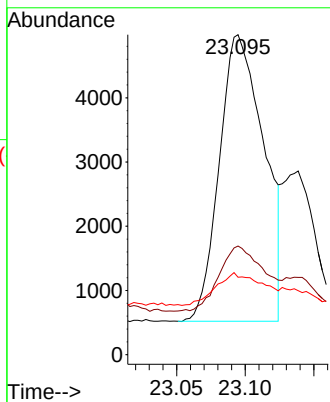
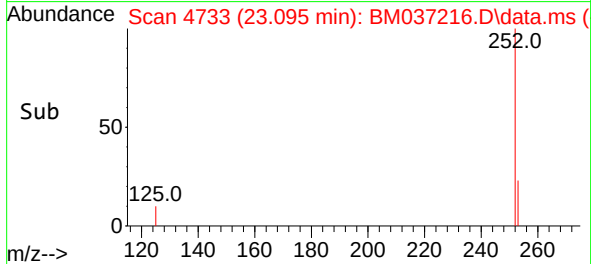
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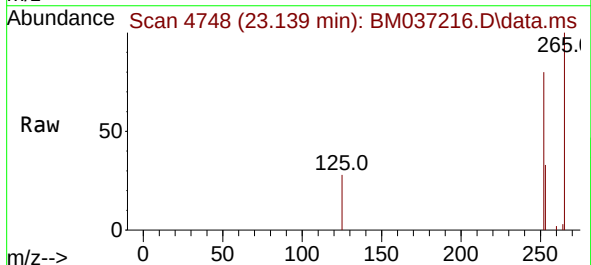
Tgt Ion:252 Resp: 1005
Ion Ratio Lower Upper
252 100
253 34.0 0.0 50.6
125 24.2 0.0 32.6

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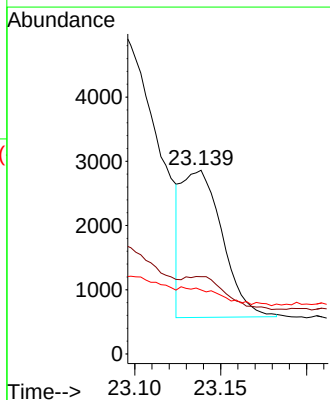
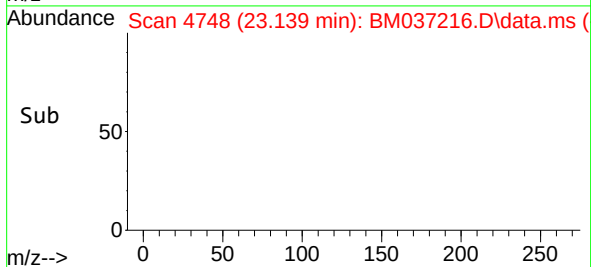
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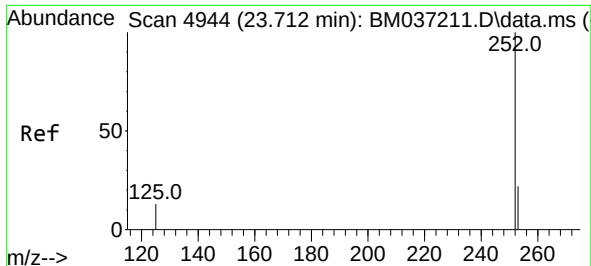


#25
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12



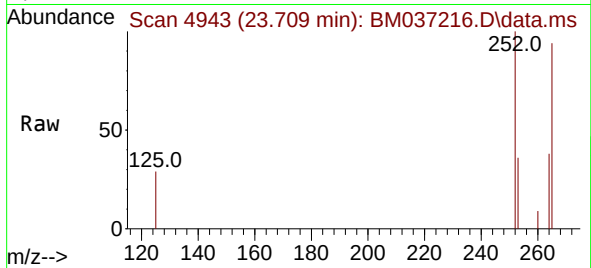
Tgt Ion:252 Resp: 3765
Ion Ratio Lower Upper
252 100
253 42.1 20.6 30.8#
125 34.8 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.709 min Scan# 4943
Delta R.T. -0.003 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

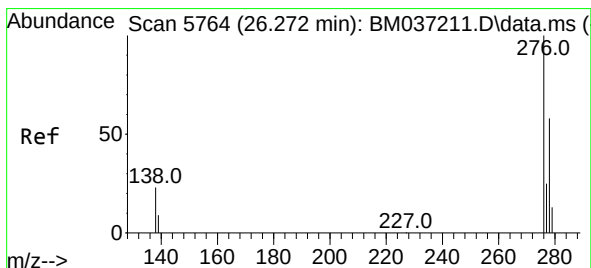
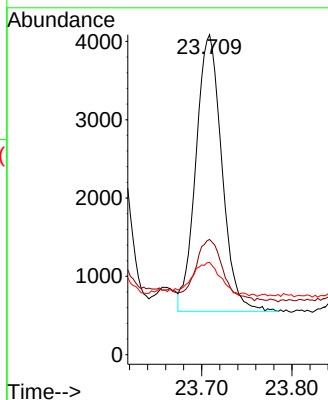
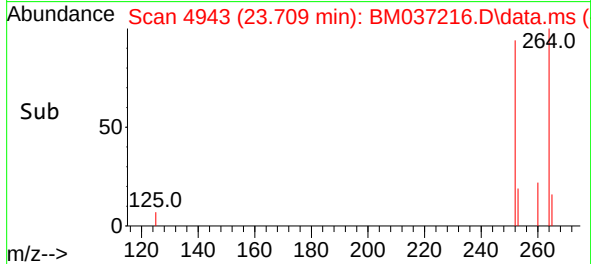
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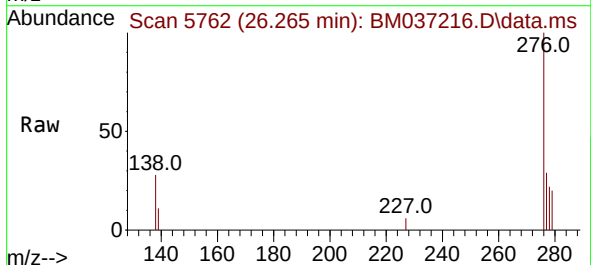
Tgt Ion:252 Resp: 7050
Ion Ratio Lower Upper
252 100
253 36.0 22.1 33.1#
125 28.9 17.6 26.4#

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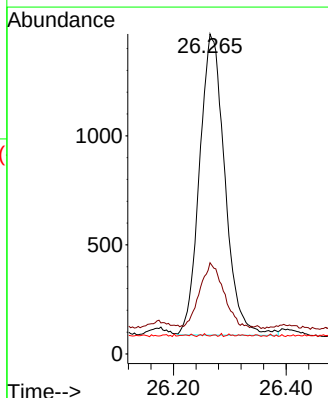
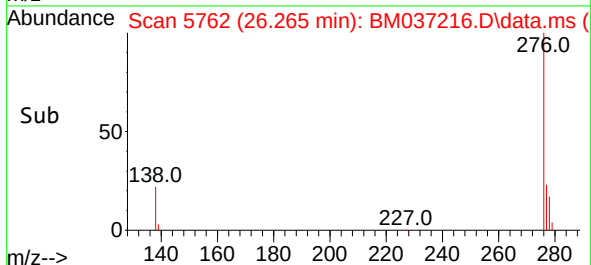
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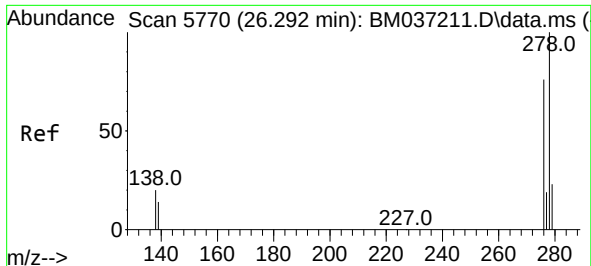


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 26.265 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12



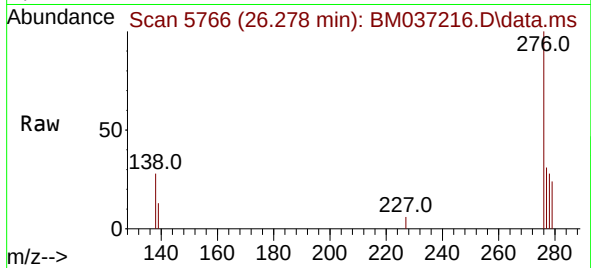
Tgt Ion:276 Resp: 4299
Ion Ratio Lower Upper
276 100
138 20.3 21.4 32.0#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.278 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12

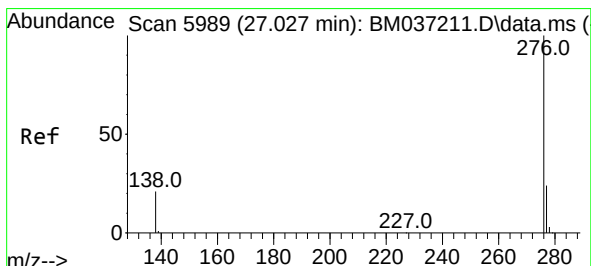
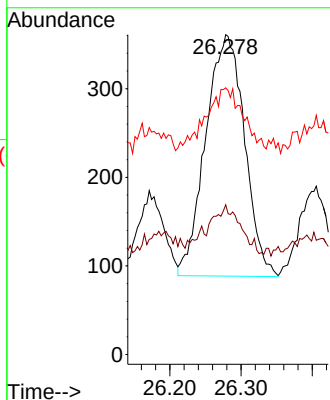
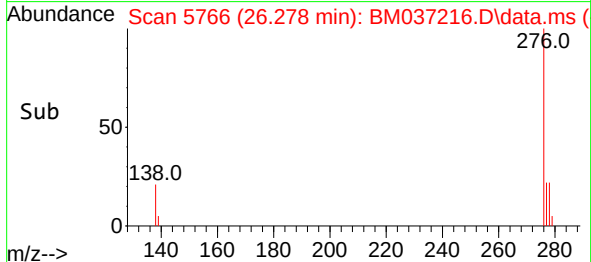
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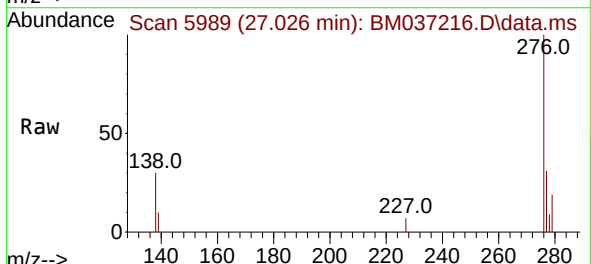
Tgt Ion:278 Resp: 103
Ion Ratio Lower Upper
278 100
139 46.8 16.3 24.5
279 83.4 21.5 32.3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 27.026 min Scan# 5989
Delta R.T. 0.000 min
Lab File: BM037216.D
Acq: 24 Oct 2022 23:12



Tgt Ion:276 Resp: 3902
Ion Ratio Lower Upper
276 100
138 29.8 19.8 29.8#
277 30.7 20.1 30.1#

