

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034527.D
 Acq On : 06 Apr 2022 21:39
 Operator : CG/JU
 Sample : N2182-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R21

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 01:41:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	3285	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	9076	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	4951	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	9419	0.400	ng/ul	-0.02
17) Chrysene-d12	21.483	240	7409	0.400	ng/ul	#-0.01
23) Perylene-d12	23.860	264	3957m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	26512	4.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4467	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.325	212	9902	0.456	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.333	178	1399	0.046	ng/ul#	90
19) Fluoranthene	19.352	202	2445	0.079	ng/ul#	78
20) Pyrene	19.710	202	2076	0.057	ng/ul#	58
21) Benzo(a)anthracene	21.504	228	1029	0.064	ng/ul#	68
22) Chrysene	21.516	228	857m	0.045	ng/ul	
24) Benzo(b)fluoranthene	23.146	252	1413m	0.109	ng/ul	
25) Benzo(k)fluoranthene	23.167	252	737m	0.064	ng/ul	
26) Benzo(a)pyrene	23.758	252	1167	0.077	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.394	276	597	0.033	ng/ul#	57
29) Benzo(g,h,i)perylene	27.159	276	685	0.035	ng/ul#	4

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

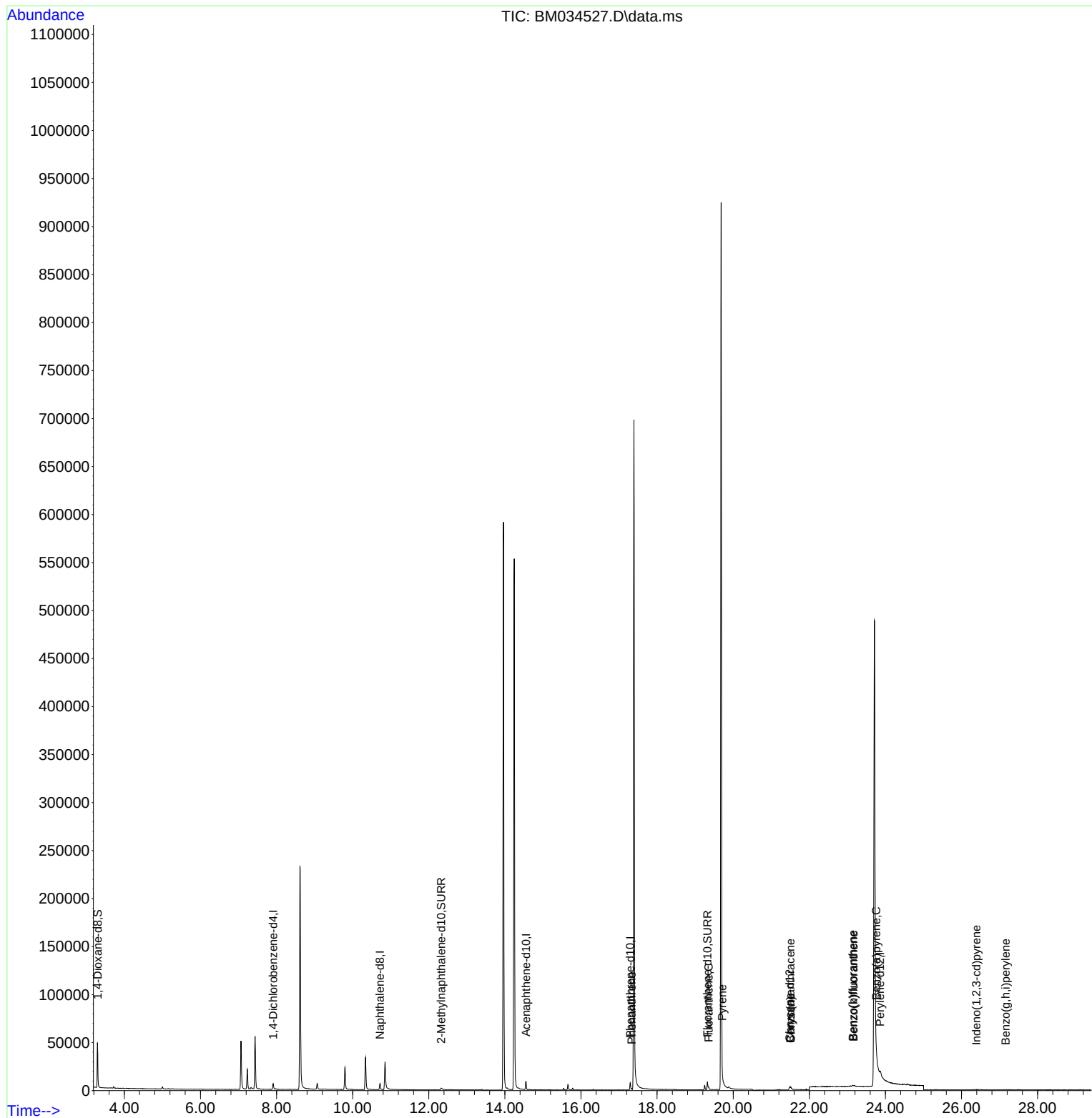
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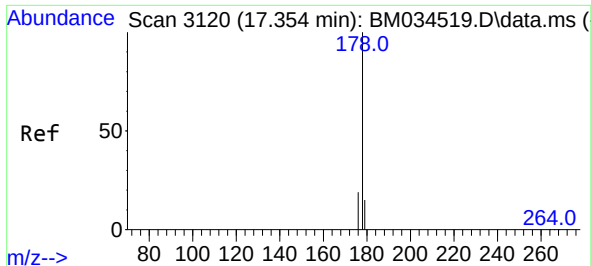
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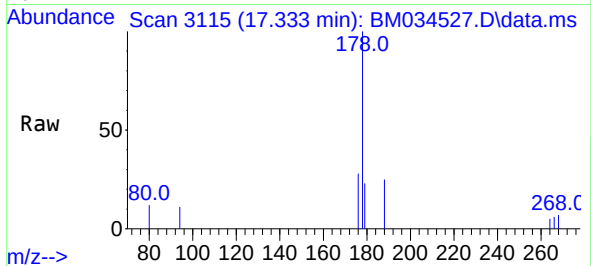
Quant Time: Apr 07 01:41:49 2022
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#15
Phenanthrene
Concen: 0.046 ng/u1
RT: 17.333 min Scan# 3115
Delta R.T. -0.021 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39

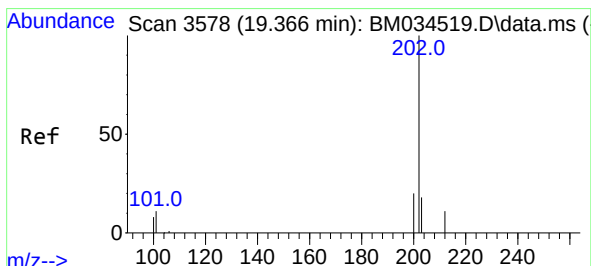
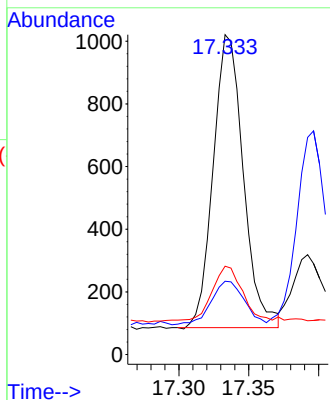
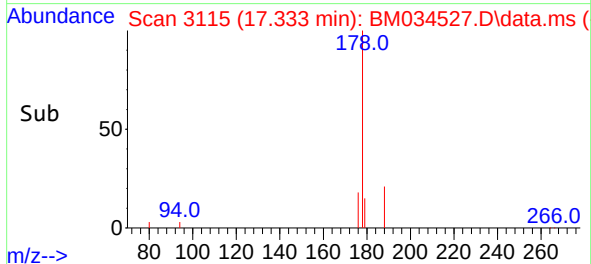
Instrument :
BNA_M
ClientSampleId :
COR21



Tgt Ion:178 Resp: 1399
Ion Ratio Lower Upper
178 100
179 22.9 15.0 22.6#
176 27.6 17.9 26.9#

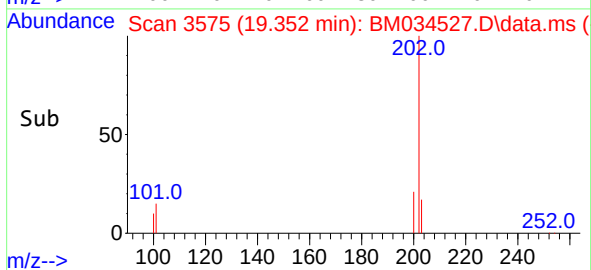
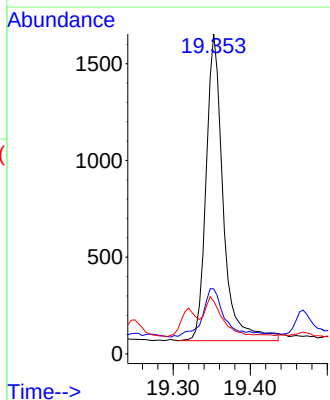
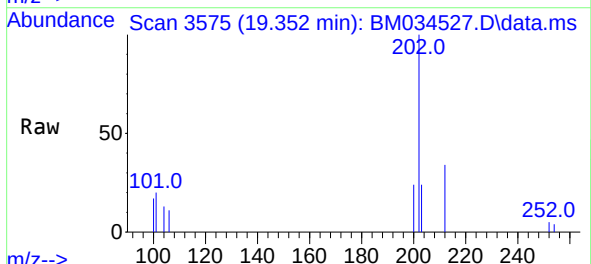
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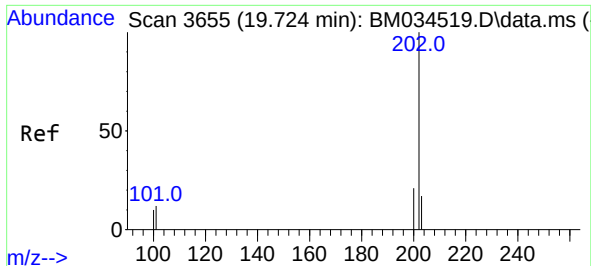
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#19
Fluoranthene
Concen: 0.079 ng/u1
RT: 19.352 min Scan# 3575
Delta R.T. -0.014 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39

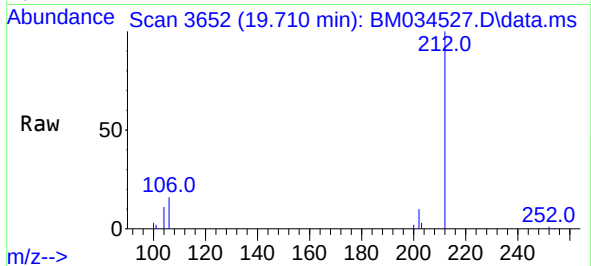
Tgt Ion:202 Resp: 2445
Ion Ratio Lower Upper
202 100
101 20.3 9.2 13.8#
100 16.5 7.2 10.8#





#20
Pyrene
Concen: 0.057 ng/u1
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39

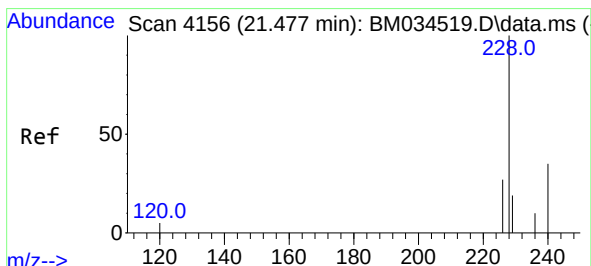
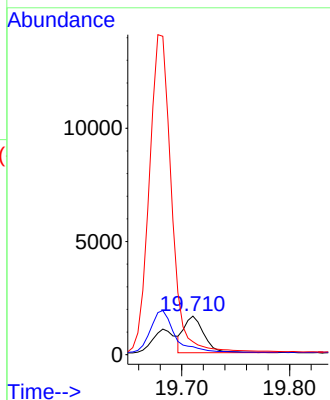
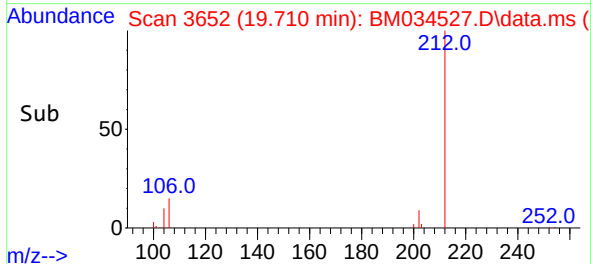
Instrument :
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ClientSampleId :
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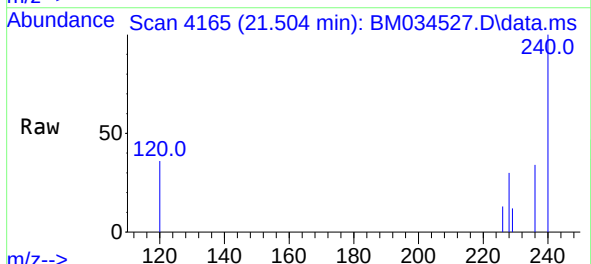
Tgt Ion:202 Resp: 2070
Ion Ratio Lower Upper
202 100
101 20.8 9.3 13.9#
100 33.5 7.8 11.6#

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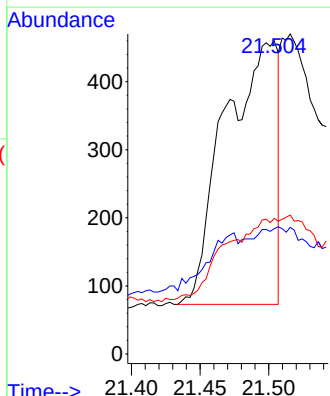
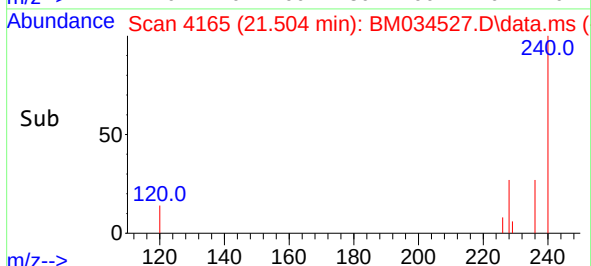
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Supervised By :Yogesh Patel 04/09/2022

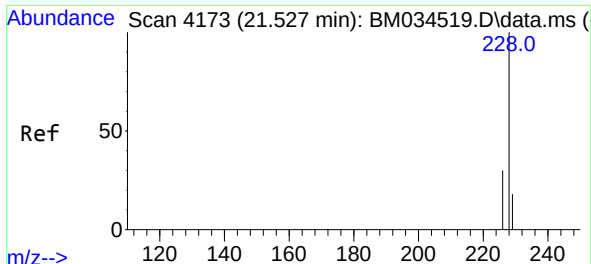


#21
Benzo(a)anthracene
Concen: 0.064 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. 0.024 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39



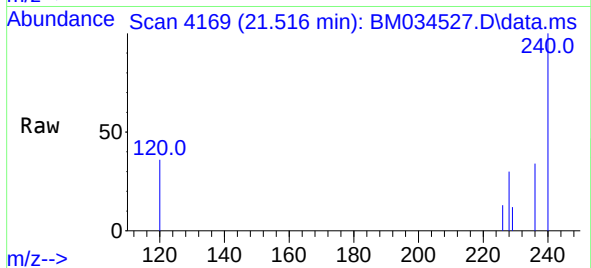
Tgt Ion:228 Resp: 1029
Ion Ratio Lower Upper
228 100
229 40.0 17.3 25.9#
226 43.3 23.2 34.8#





#22
Chrysene
Concen: 0.045 ng/ul m
RT: 21.516 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39

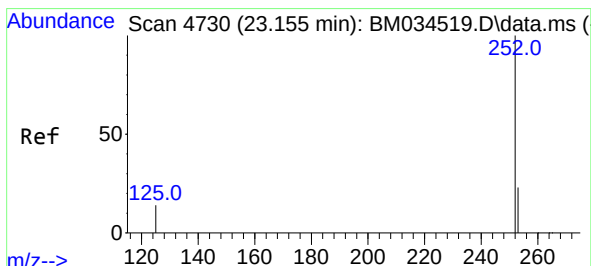
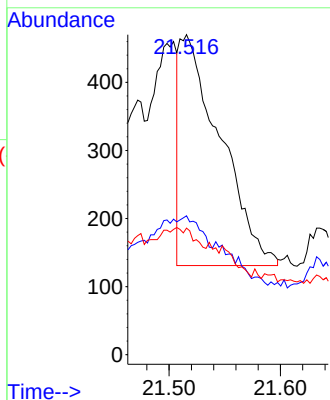
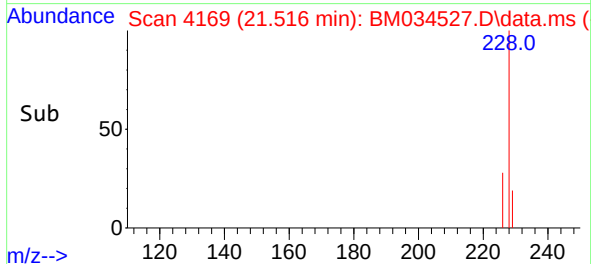
Instrument :
BNA_M
ClientSampleId :
C0R21



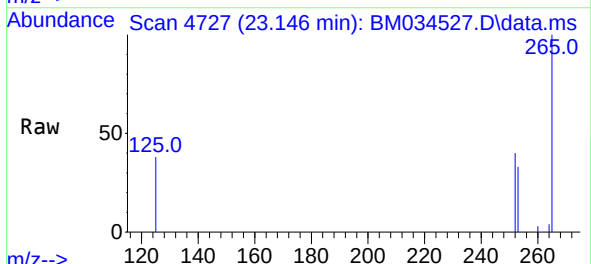
Tgt Ion:228 Resp: 85
Ion Ratio Lower Upper
228 100
226 43.4 25.8 38.8#
229 39.6 16.7 25.1#

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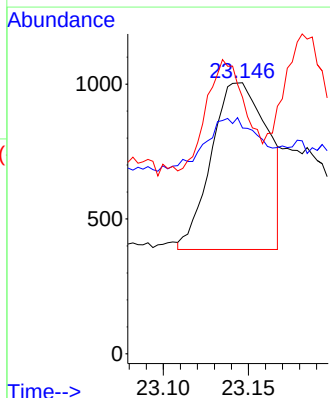
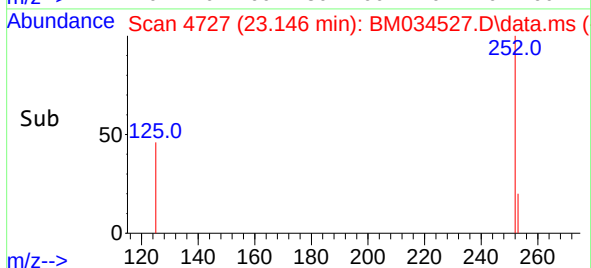
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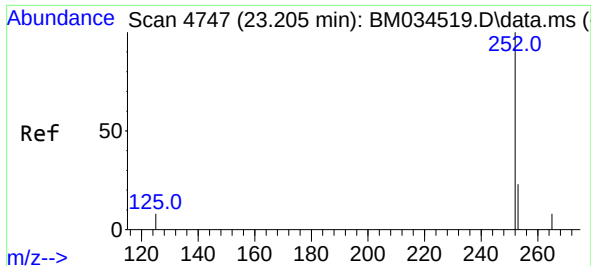


#24
Benzo(b)fluoranthene
Concen: 0.109 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39



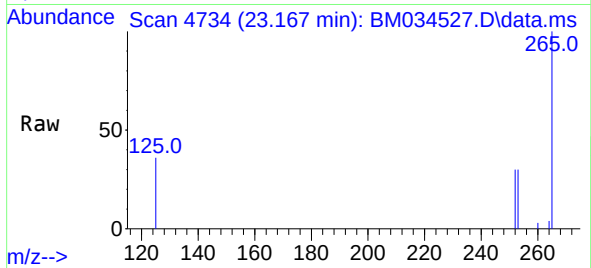
Tgt Ion:252 Resp: 1413
Ion Ratio Lower Upper
252 100
253 83.3 0.0 64.2#
125 94.6 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 23.167 min Scan# 41
Delta R.T. -0.044 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39

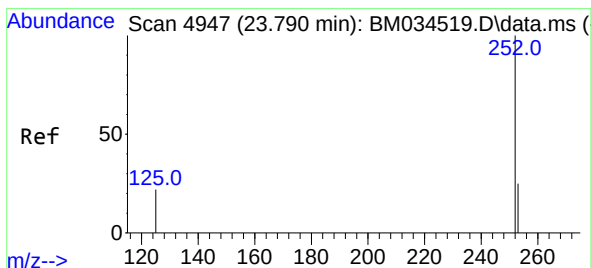
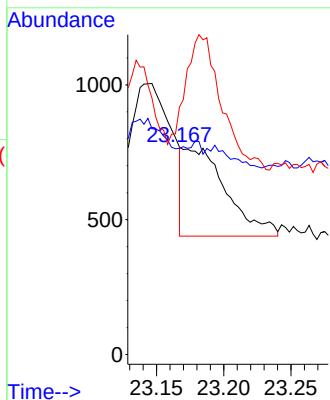
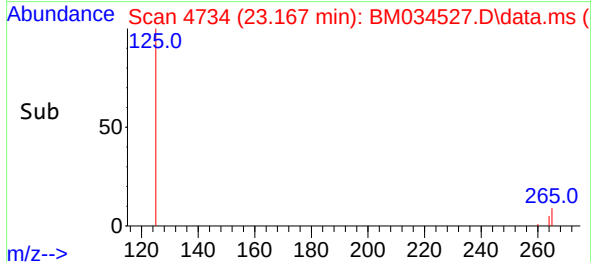
Instrument :
BNA_M
ClientSampleId :
C0R21



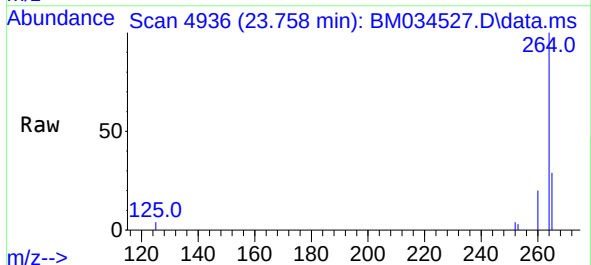
Tgt Ion:252 Resp: 73
Ion Ratio Lower Upper
252 100
253 99.5 26.8 40.2
125 119.4 12.0 18.0

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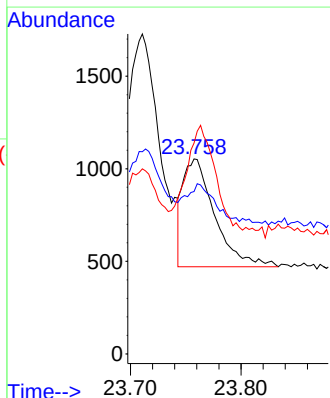
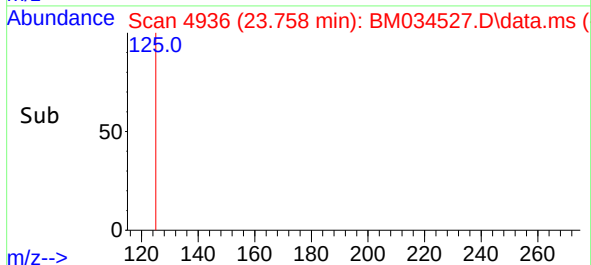
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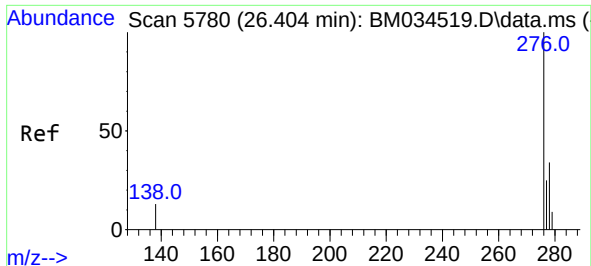


#26
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.758 min Scan# 4936
Delta R.T. -0.038 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39



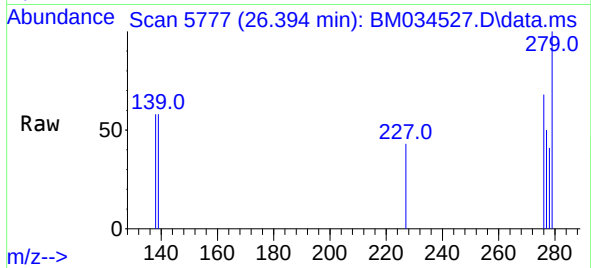
Tgt Ion:252 Resp: 1167
Ion Ratio Lower Upper
252 100
253 83.3 32.0 48.0#
125 108.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 26.394 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39

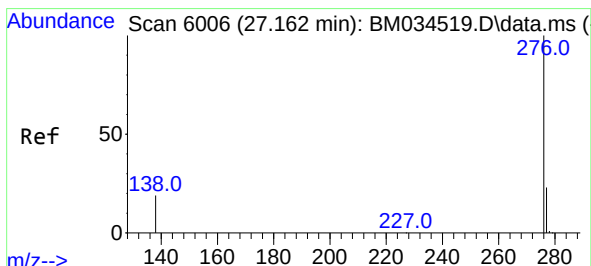
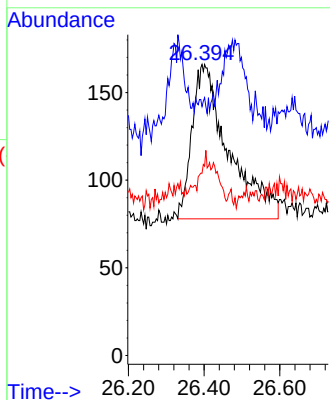
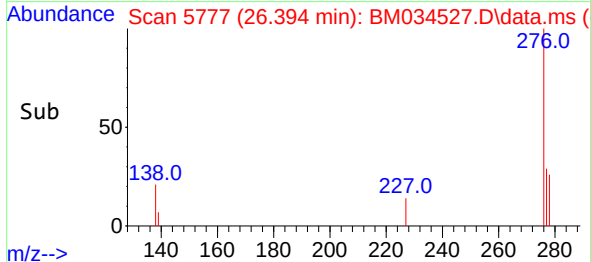
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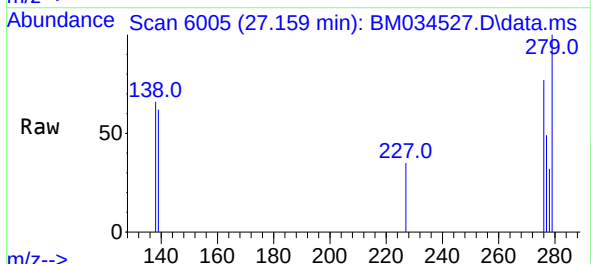
Tgt Ion:276 Resp: 59
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 14.9 0.0 0.0#

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#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 27.159 min Scan# 6005
Delta R.T. -0.010 min
Lab File: BM034527.D
Acq: 06 Apr 2022 21:39



Tgt Ion:276 Resp: 685
Ion Ratio Lower Upper
276 100
138 85.2 17.4 26.0#
277 63.3 22.6 33.8#

