

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034508.D
 Acq On : 05 Apr 2022 18:35
 Operator : CG/JU
 Sample : N2183-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R31

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:46:37 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	7.916	152	3067	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	8237	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	4143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	7343	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	5561	0.400	ng/ul	# 0.00
23) Perylene-d12	23.877	264	3834m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	11413	2.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	1756	0.162	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	4186	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.277	152	542	0.028	ng/ul#	79
15) Phenanthrene	17.337	178	2414	0.101	ng/ul	96
16) Anthracene	17.430	178	765	0.042	ng/ul#	71
19) Fluoranthene	19.352	202	4837	0.207	ng/ul#	93
20) Pyrene	19.715	202	5008m	0.184	ng/ul	
21) Benzo(a)anthracene	21.501	228	1832	0.151	ng/ul#	79
22) Chrysene	21.518	228	1628m	0.114	ng/ul	
24) Benzo(b)fluoranthene	23.146	252	2120m	0.169	ng/ul	
25) Benzo(k)fluoranthene	23.181	252	972m	0.087	ng/ul	
26) Benzo(a)pyrene	23.766	252	1536	0.105	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	26.404	276	1095	0.062	ng/ul#	72
29) Benzo(g,h,i)perylene	27.159	276	954	0.050	ng/ul#	33

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

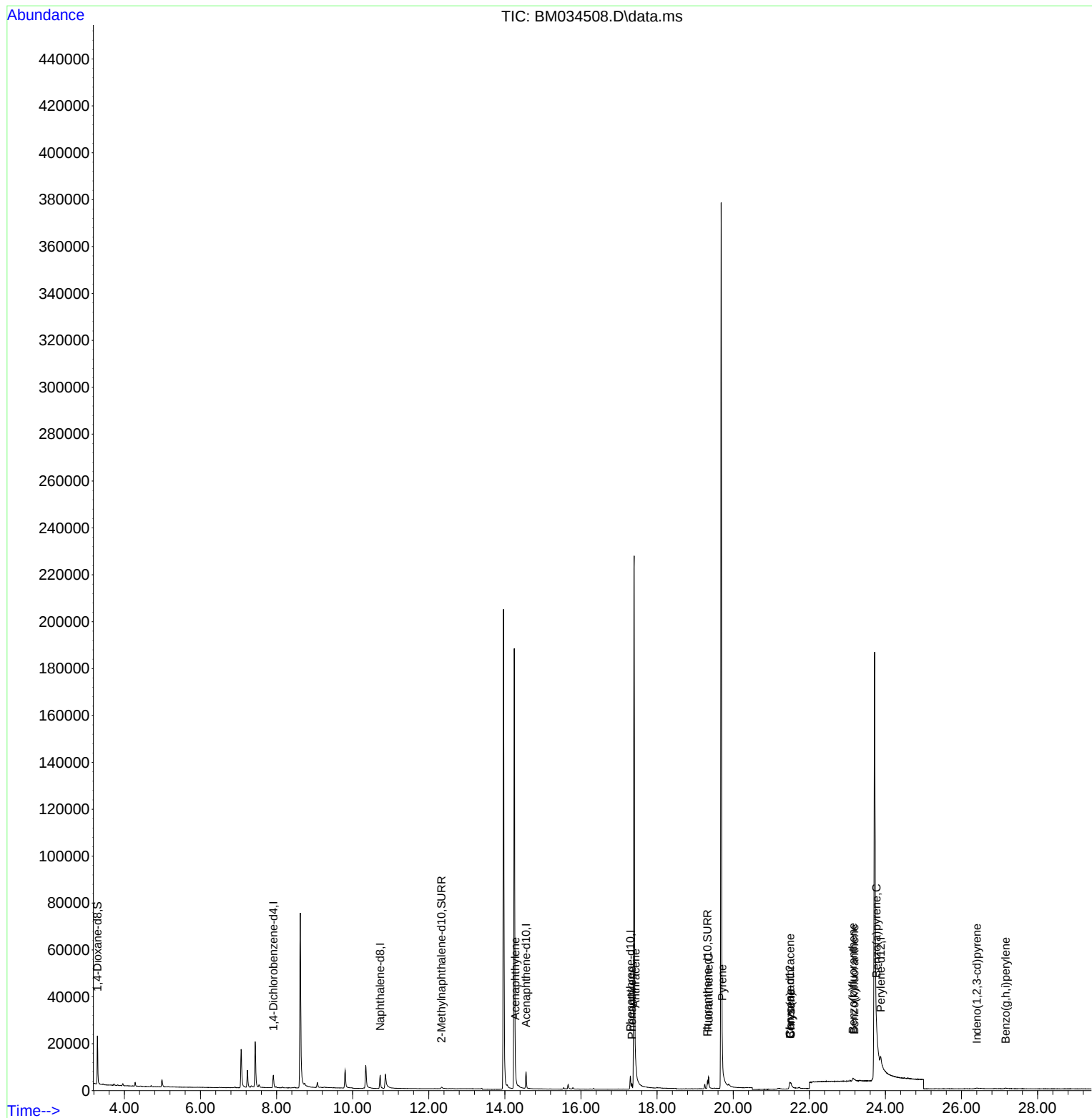
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034508.D
Acq On : 05 Apr 2022 18:35
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Sample : N2183-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

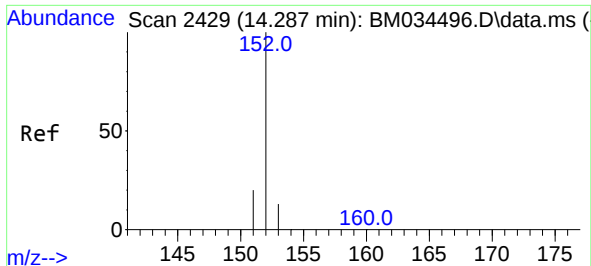
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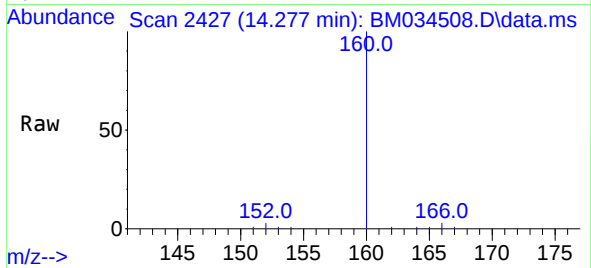
Quant Time: Apr 06 01:46:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
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#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.277 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35

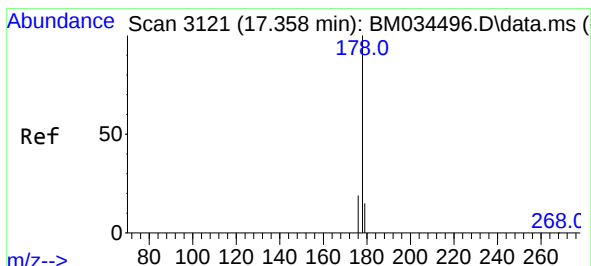
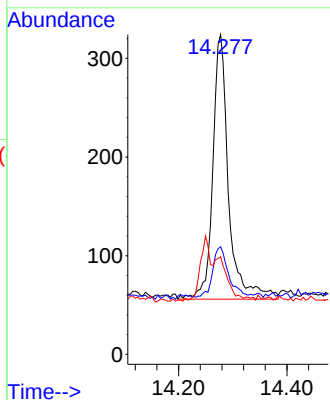
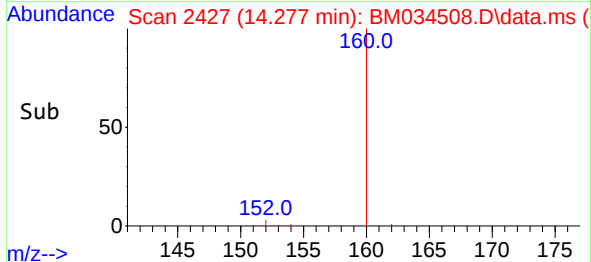
Instrument :
BNA_M
ClientSampleId :
COR31



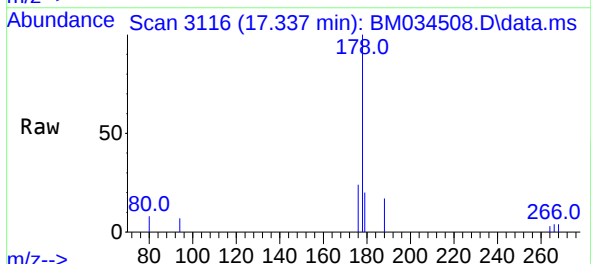
Tgt Ion:152 Resp: 542
Ion Ratio Lower Upper
152 100
151 33.6 19.9 29.9
153 30.6 15.0 22.4

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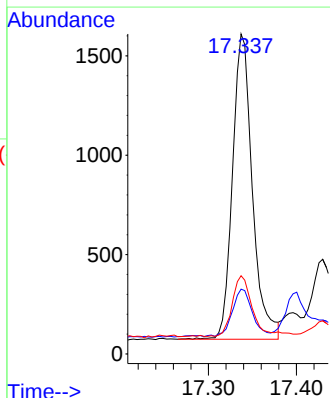
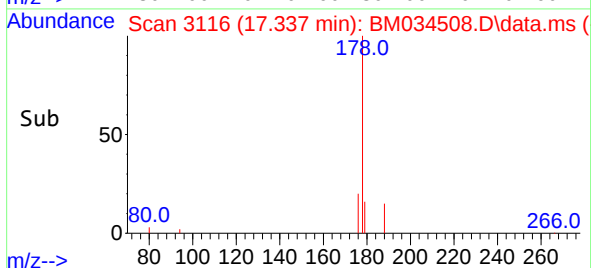
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

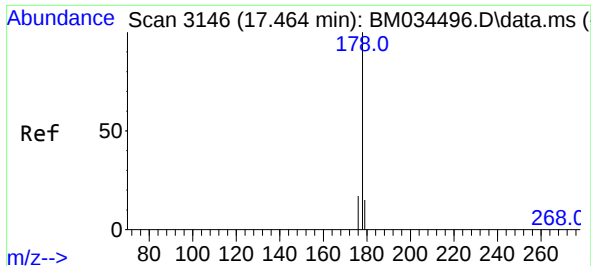


#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35



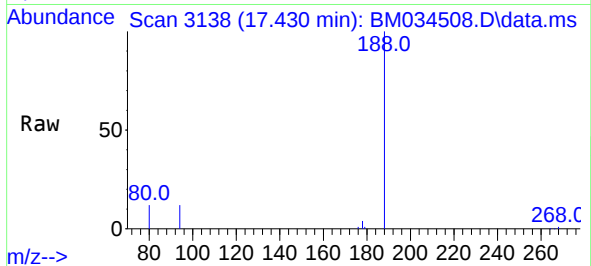
Tgt Ion:178 Resp: 2414
Ion Ratio Lower Upper
178 100
179 20.2 15.0 22.6
176 24.5 17.9 26.9





#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.430 min Scan# 3146
 Delta R.T. -0.021 min
 Lab File: BM034508.D
 Acq: 05 Apr 2022 18:35

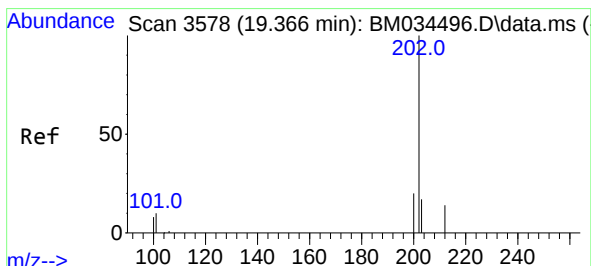
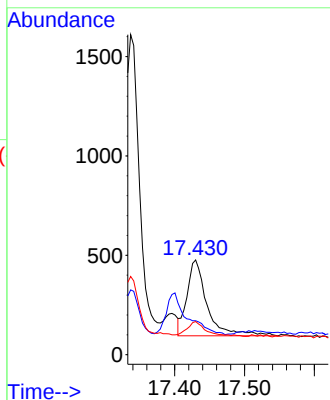
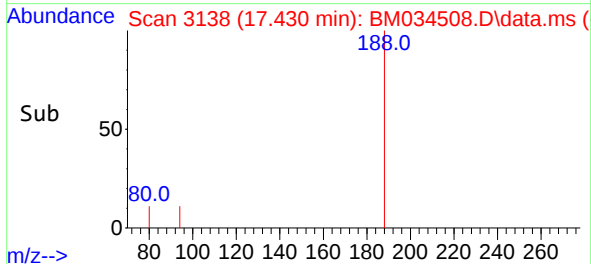
Instrument :
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Tgt Ion:178 Resp: 765
 Ion Ratio Lower Upper
 178 100
 179 35.8 16.5 24.7
 176 35.0 18.3 27.5

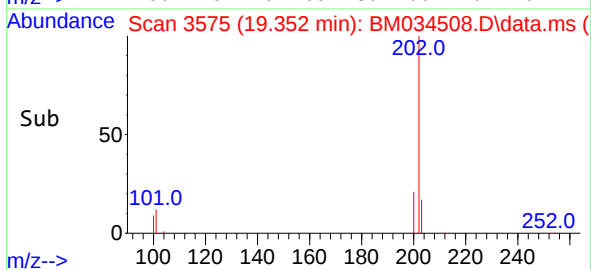
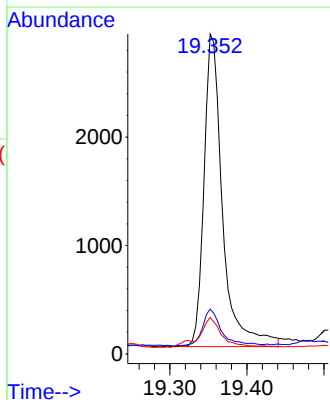
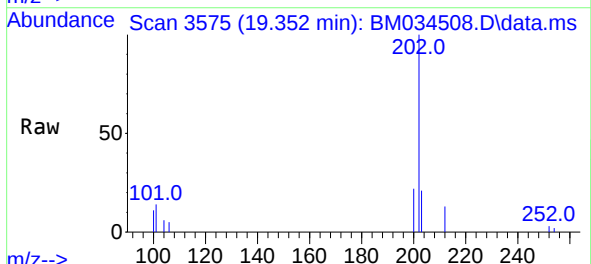
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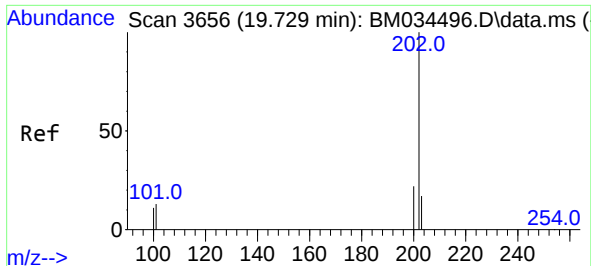
Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



#19
 Fluoranthene
 Concen: 0.207 ng/ul
 RT: 19.352 min Scan# 3575
 Delta R.T. -0.014 min
 Lab File: BM034508.D
 Acq: 05 Apr 2022 18:35

Tgt Ion:202 Resp: 4837
 Ion Ratio Lower Upper
 202 100
 101 14.0 9.2 13.8#
 100 11.4 7.2 10.8#





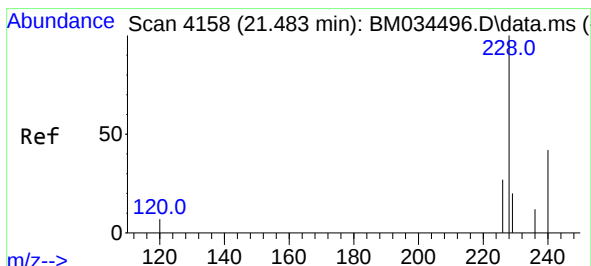
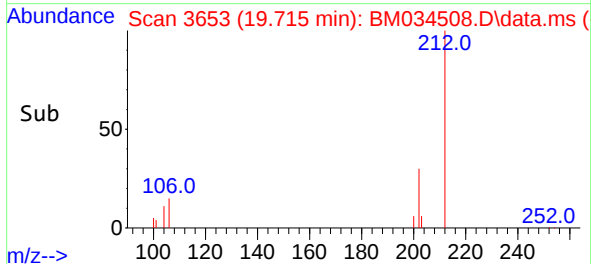
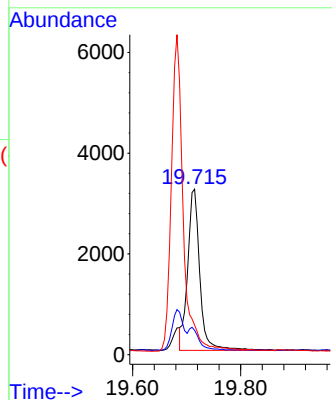
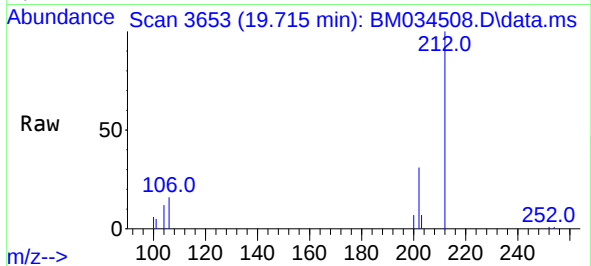
#20
Pyrene
Concen: 0.184 ng/ul m
RT: 19.715 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35

Instrument :
BNA_M
ClientSampleId :
C0R31

Tgt Ion:	202	Resp:	500
Ion Ratio	Lower	Upper	
202	100		
101	14.7	9.3	13.9
100	17.9	7.8	11.6

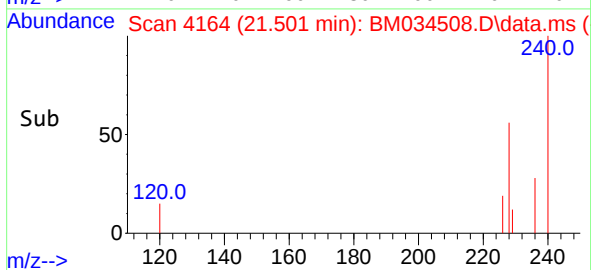
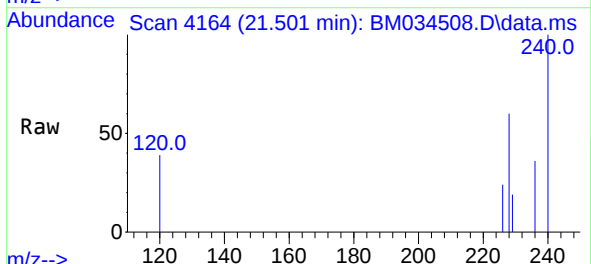
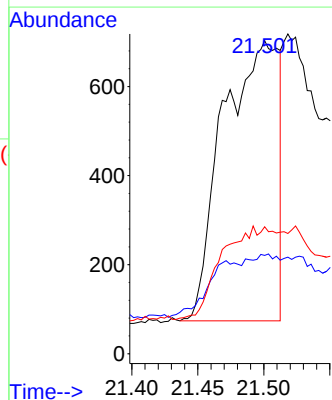
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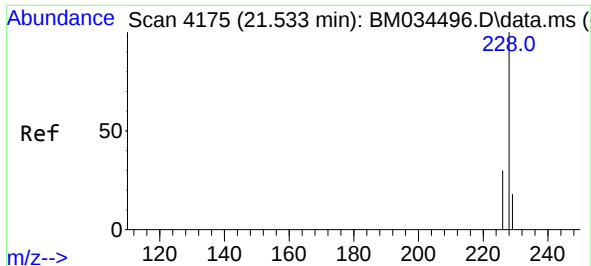
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#21
Benzo(a)anthracene
Concen: 0.151 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. 0.021 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35

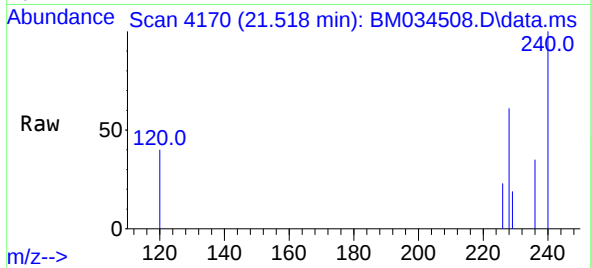
Tgt Ion:	228	Resp:	1832
Ion Ratio	Lower	Upper	
228	100		
229	31.4	17.3	25.9
226	40.5	23.2	34.8





#22
Chrysene
Concen: 0.114 ng/ul m
RT: 21.518 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35

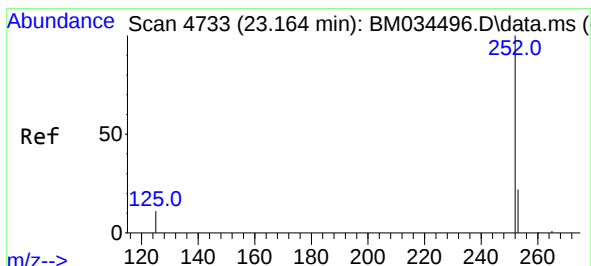
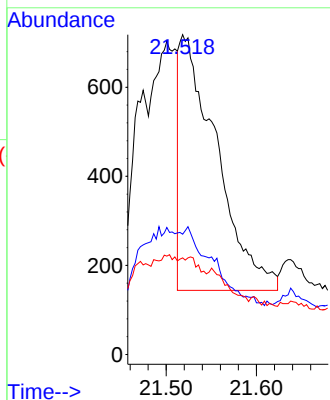
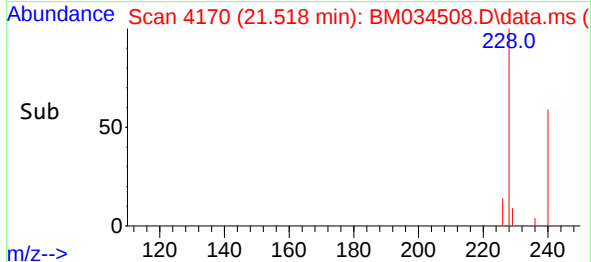
Instrument :
BNA_M
ClientSampleId :
C0R31



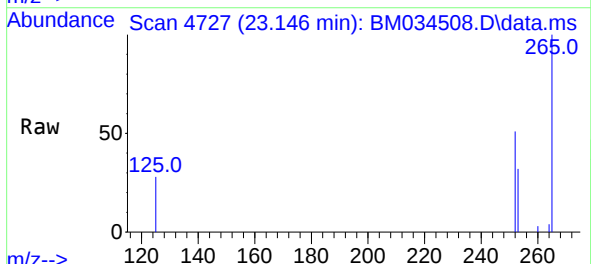
Tgt Ion:228 Resp: 1628
Ion Ratio Lower Upper
228 100
226 37.6 25.8 38.8
229 30.2 16.7 25.1

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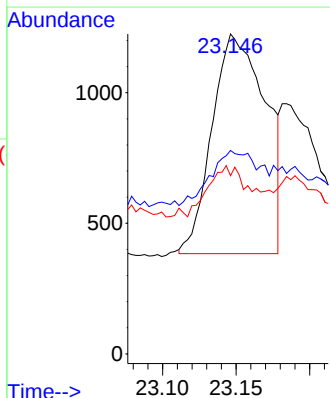
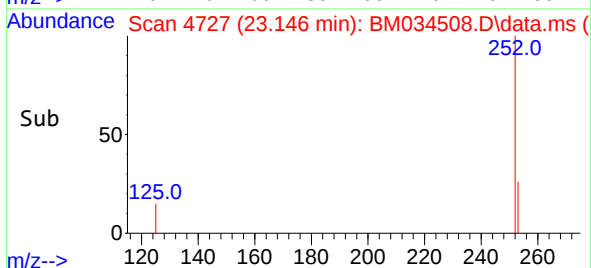
Reviewed By :Jagrut Upadhyay 04/06/2022
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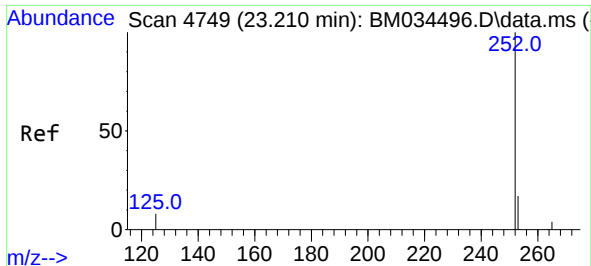


#24
Benzo(b)fluoranthene
Concen: 0.169 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35



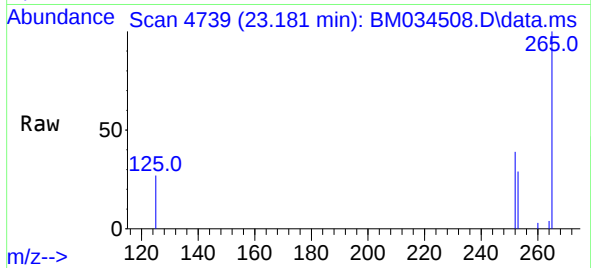
Tgt Ion:252 Resp: 2120
Ion Ratio Lower Upper
252 100
253 63.6 0.0 64.2
125 55.7 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 23.181 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35

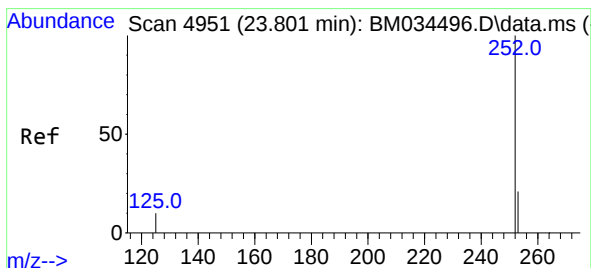
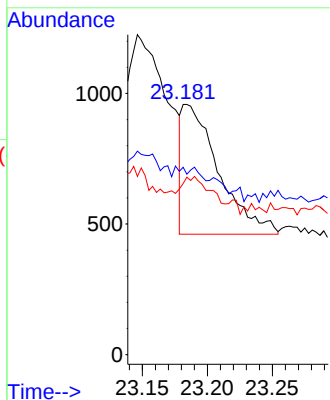
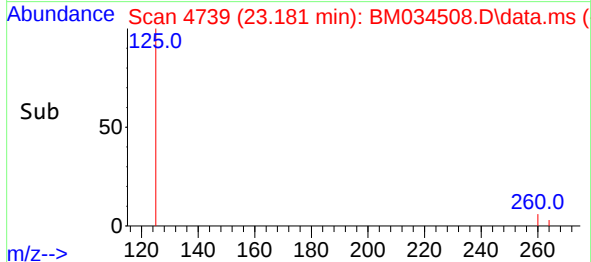
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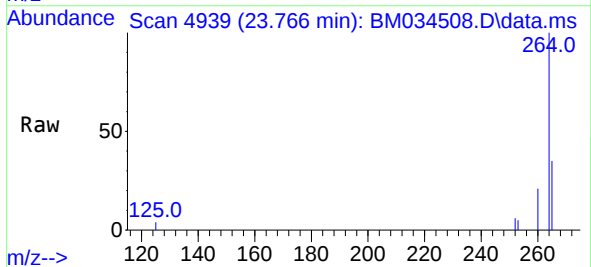
Tgt Ion:252 Resp: 972
Ion Ratio Lower Upper
252 100
253 74.8 26.8 40.2
125 68.4 12.0 18.0

Manual Integrations
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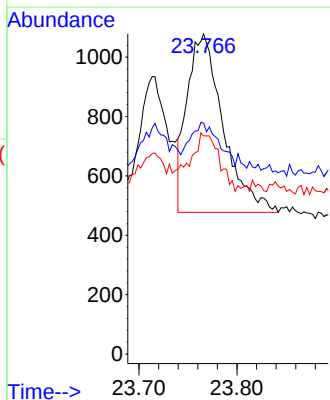
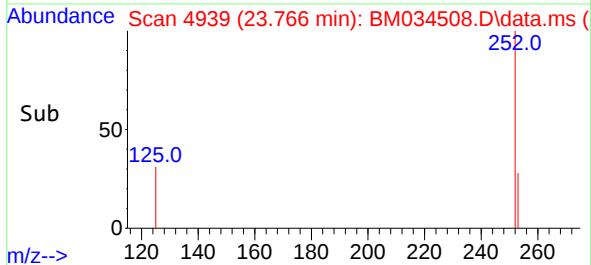
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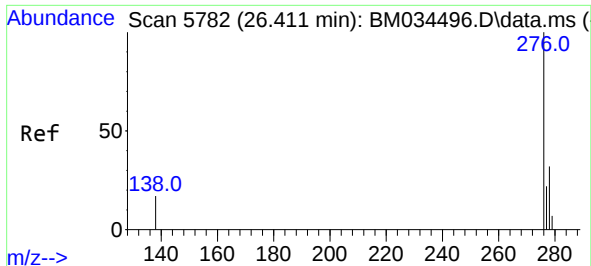


#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.766 min Scan# 4939
Delta R.T. -0.029 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35



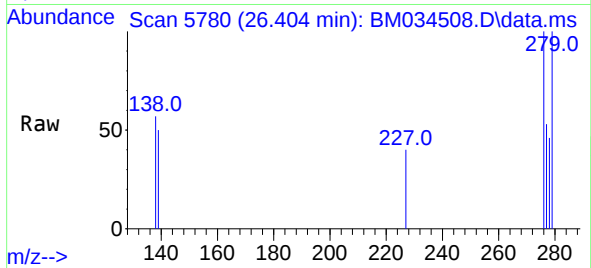
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Ion Ratio Lower Upper
252 100
253 72.2 32.0 48.0#
125 68.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 26.404 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35

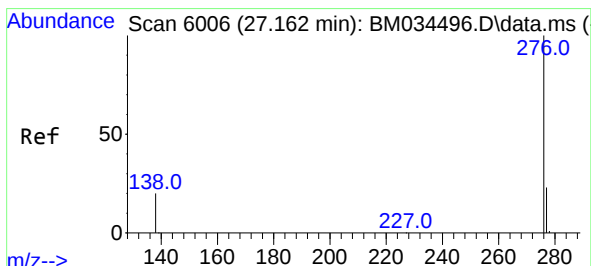
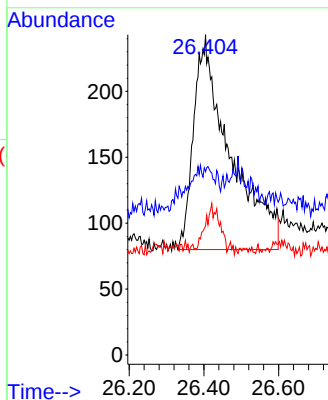
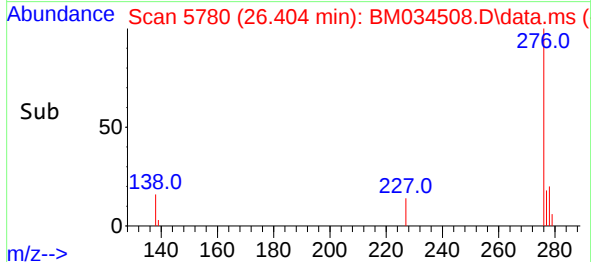
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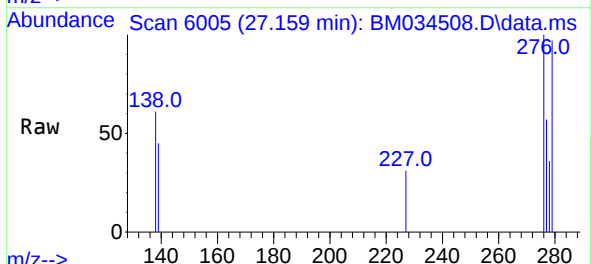
Tgt Ion:276 Resp: 109
Ion Ratio Lower Upper
276 100
138 7.1 15.8 23.6
227 0.0 0.0 0.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 27.159 min Scan# 6005
Delta R.T. -0.010 min
Lab File: BM034508.D
Acq: 05 Apr 2022 18:35



Tgt Ion:276 Resp: 954
Ion Ratio Lower Upper
276 100
138 60.7 17.4 26.0#
277 57.1 22.6 33.8#

