

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034506.D
 Acq On : 05 Apr 2022 17:22
 Operator : CG/JU
 Sample : N2183-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R46

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 01:46:23 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	2815	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	7337	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	3707	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	6374	0.400	ng/ul	-0.02
17) Chrysene-d12	21.486	240	4840	0.400	ng/ul	# 0.00
23) Perylene-d12	23.880	264	2410m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	10234	2.171	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	1467	0.152	ng/ul	0.01
18) Fluoranthene-d10	19.325	212	2922	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.774	128	647	0.028	ng/ul#	84
10) Acenaphthylene	14.278	152	2478	0.144	ng/ul	96
12) Fluorene	15.605	166	678	0.047	ng/ul#	93
15) Phenanthrene	17.337	178	16184	0.782	ng/ul	94
16) Anthracene	17.430	178	3642	0.232	ng/ul	98
19) Fluoranthene	19.352	202	29105	1.433	ng/ul	100
20) Pyrene	19.715	202	29699	1.251	ng/ul	98
21) Benzo(a)anthracene	21.472	228	6069m	0.576	ng/ul	
22) Chrysene	21.521	228	10709m	0.860	ng/ul	
24) Benzo(b)fluoranthene	23.149	252	12279m	1.557	ng/ul	
25) Benzo(k)fluoranthene	23.190	252	5776m	0.821	ng/ul	
26) Benzo(a)pyrene	23.769	252	9182	0.997	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.394	276	6980	0.630	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.404	278	811	0.101	ng/ul#	17
29) Benzo(g,h,i)perylene	27.159	276	6868	0.572	ng/ul#	94

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

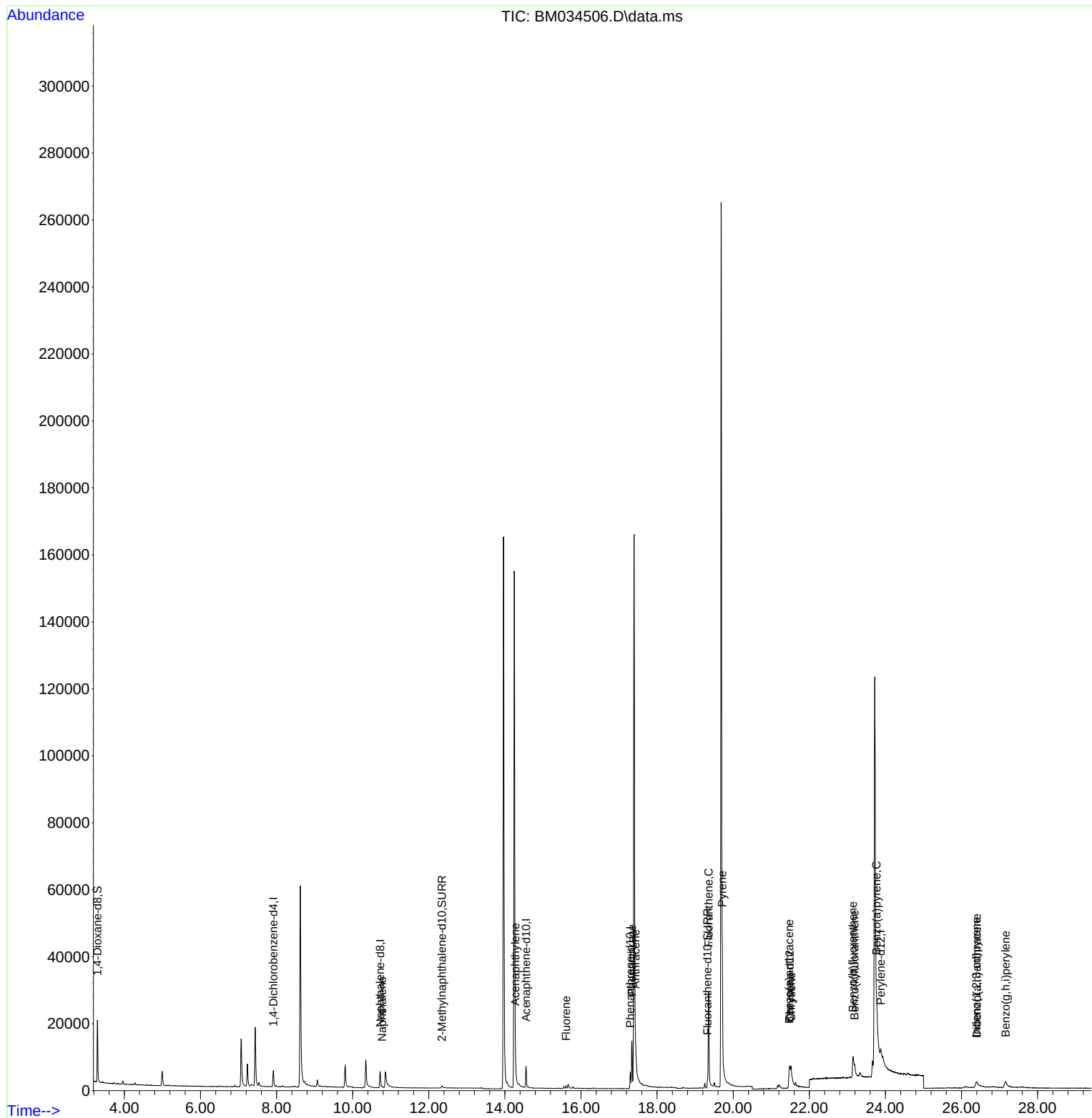
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034506.D
Acq On : 05 Apr 2022 17:22
Operator : CG/JU
Sample : N2183-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

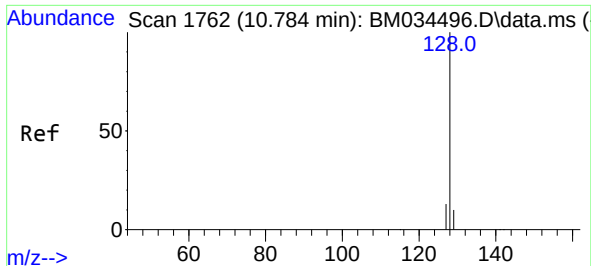
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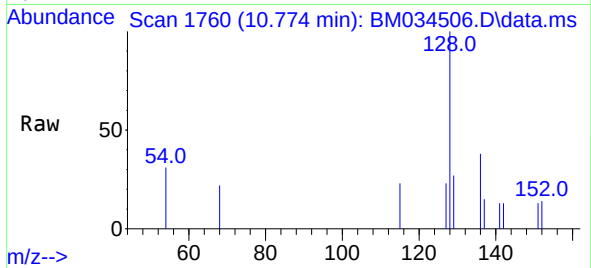
Quant Time: Apr 06 01:46:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
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#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

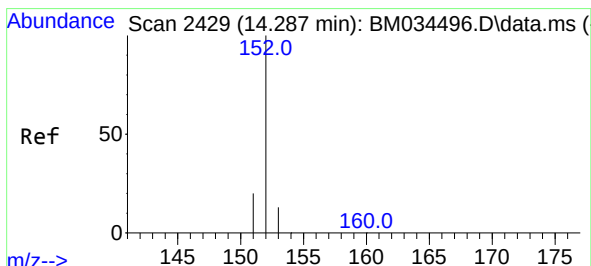
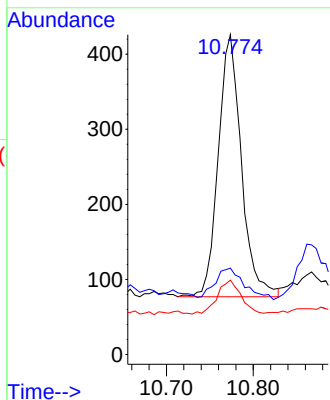
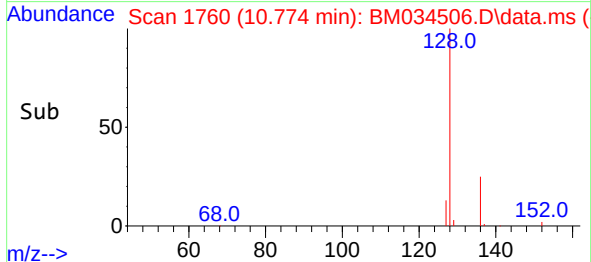
Instrument :
BNA_M
ClientSampleId :
C0R46



Tgt Ion:	128	Resp:	64
Ion	Ratio	Lower	Upper
128	100		
129	27.0	13.4	20.2
127	23.2	15.2	22.8

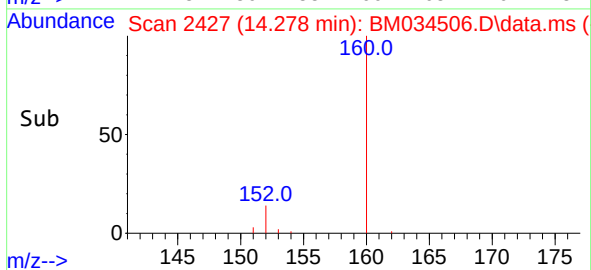
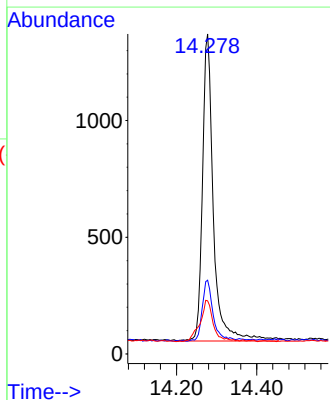
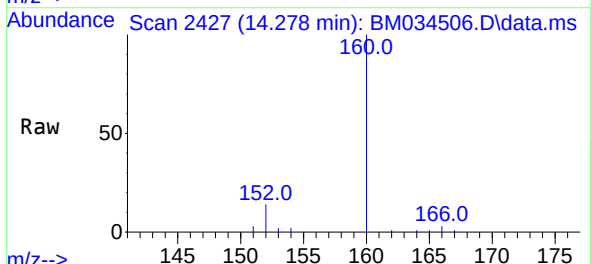
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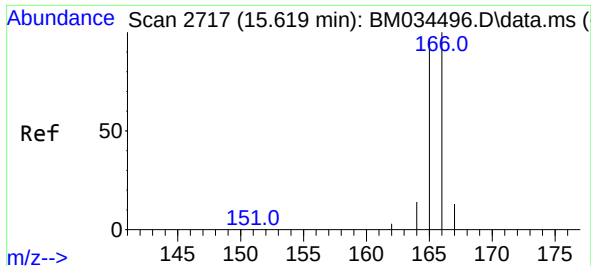
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

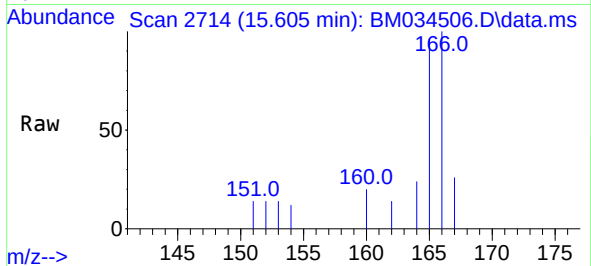
Tgt Ion:	152	Resp:	2478
Ion	Ratio	Lower	Upper
152	100		
151	23.0	19.9	29.9
153	16.6	15.0	22.4





#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.605 min Scan# 2116
Delta R.T. -0.014 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

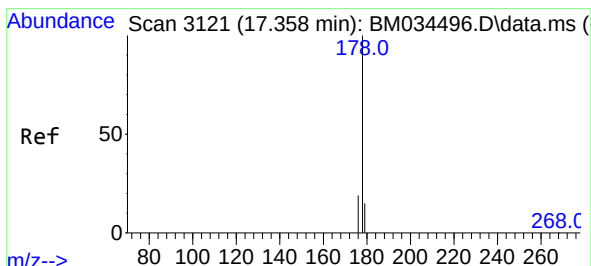
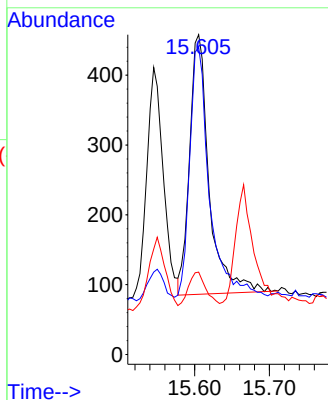
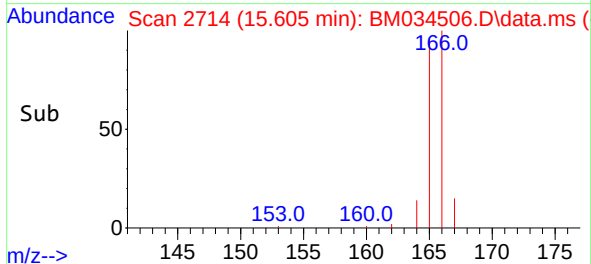
Instrument :
BNA_M
ClientSampleId :
COR46



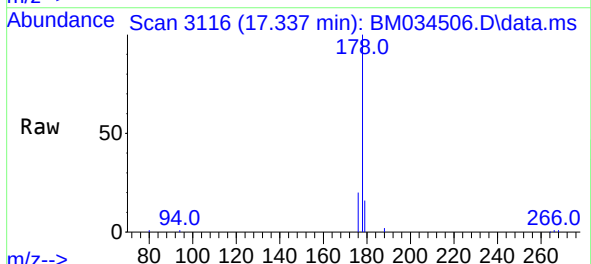
Tgt Ion:166 Resp: 678
Ion Ratio Lower Upper
166 100
165 96.1 81.1 121.7
167 25.8 14.9 22.3

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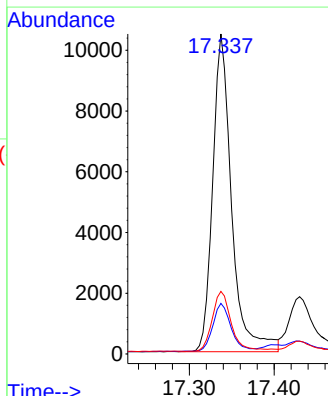
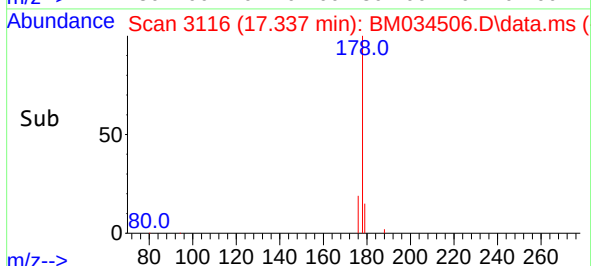
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

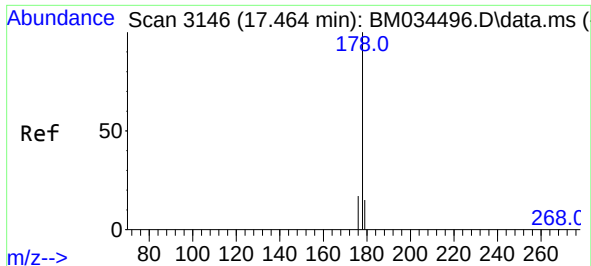


#15
Phenanthrene
Concen: 0.782 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22



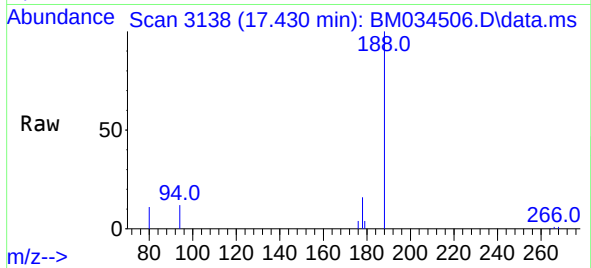
Tgt Ion:178 Resp: 16184
Ion Ratio Lower Upper
178 100
179 15.8 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 0.232 ng/ul
 RT: 17.430 min Scan# 3146
 Delta R.T. -0.021 min
 Lab File: BM034506.D
 Acq: 05 Apr 2022 17:22

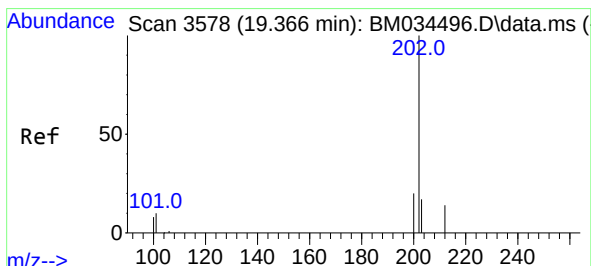
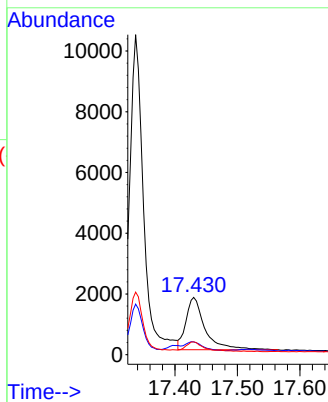
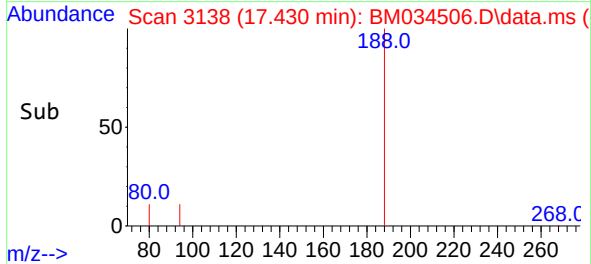
Instrument :
 BNA_M
 ClientSampleId :
 C0R46



Tgt Ion:178	Resp:	364
Ion Ratio	Lower	Upper
178	100	
179	22.4	16.5 24.7
176	22.3	18.3 27.5

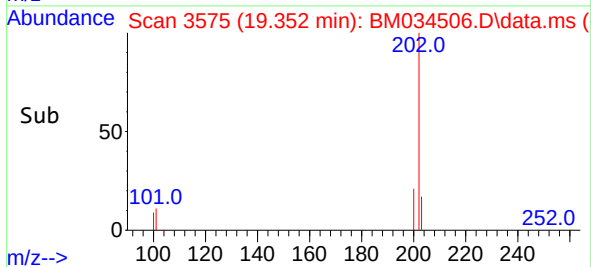
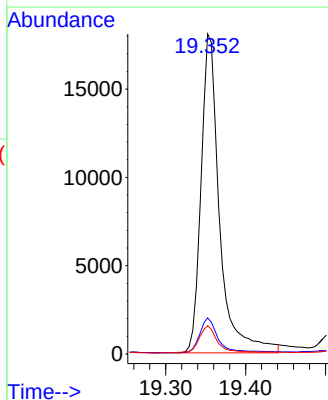
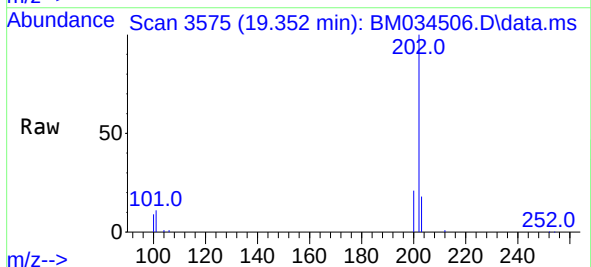
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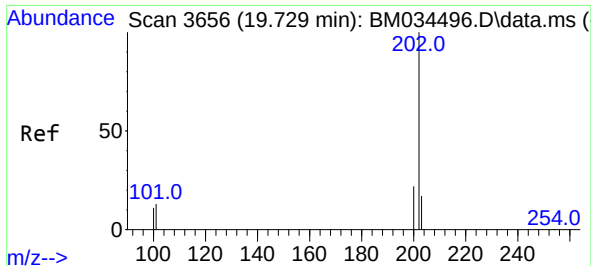
Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



#19
 Fluoranthene
 Concen: 1.433 ng/ul
 RT: 19.352 min Scan# 3575
 Delta R.T. -0.014 min
 Lab File: BM034506.D
 Acq: 05 Apr 2022 17:22

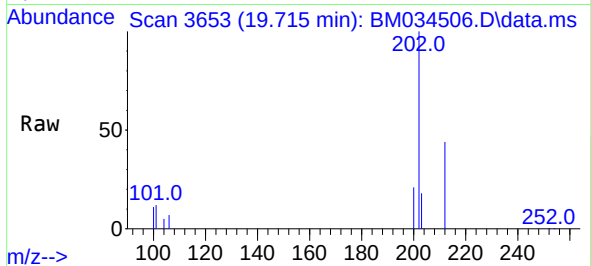
Tgt Ion:202	Resp:	29105
Ion Ratio	Lower	Upper
202	100	
101	11.3	9.2 13.8
100	8.9	7.2 10.8





#20
Pyrene
Concen: 1.251 ng/ul
RT: 19.715 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

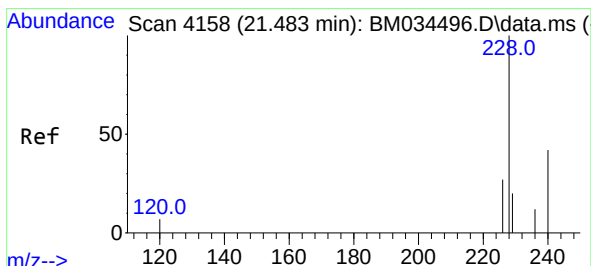
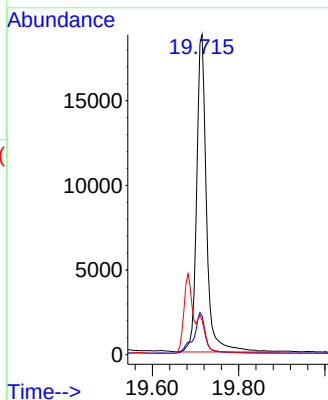
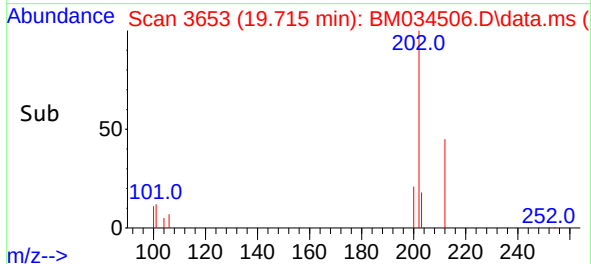
Instrument :
BNA_M
ClientSampleId :
COR46



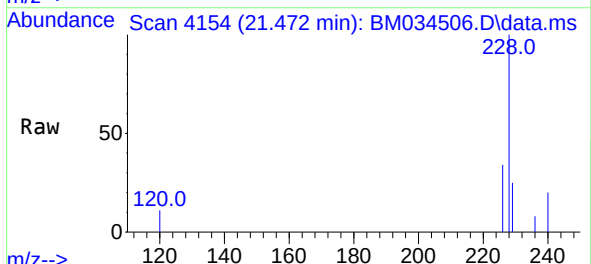
Tgt Ion:202 Resp: 2969
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.7 7.8 11.6

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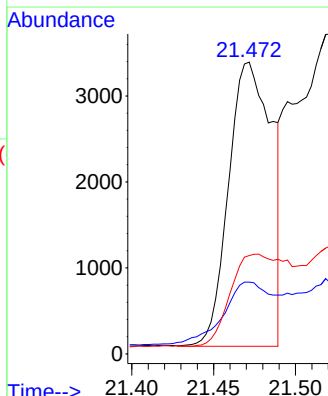
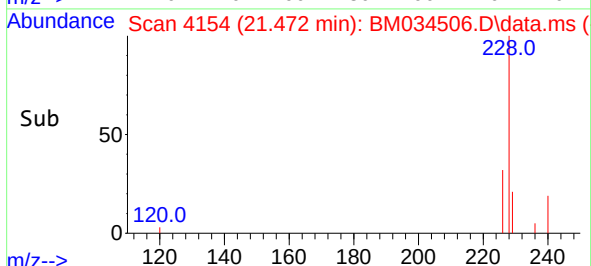
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

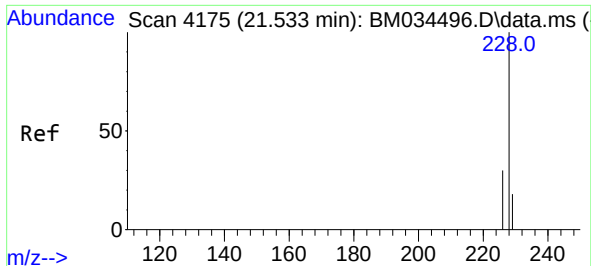


#21
Benzo(a)anthracene
Concen: 0.576 ng/ul m
RT: 21.472 min Scan# 4154
Delta R.T. -0.008 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22



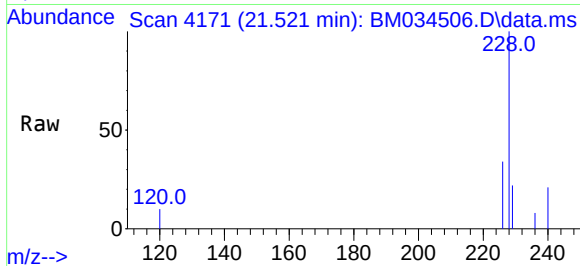
Tgt Ion:228 Resp: 6069
Ion Ratio Lower Upper
228 100
229 24.6 17.3 25.9
226 33.7 23.2 34.8





#22
Chrysene
Concen: 0.860 ng/ul m
RT: 21.521 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

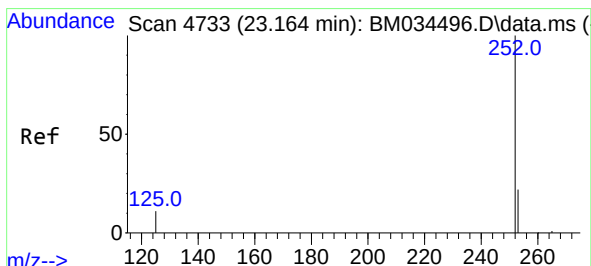
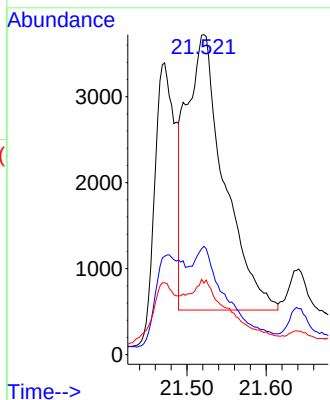
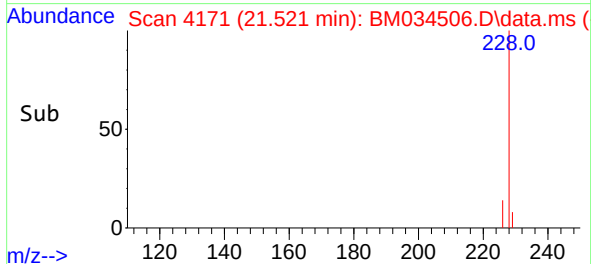
Instrument :
BNA_M
ClientSampleId :
C0R46



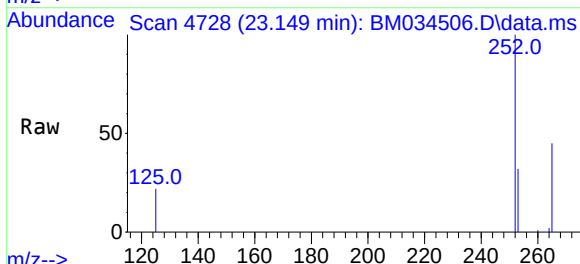
Tgt Ion:228 Resp: 10709
Ion Ratio Lower Upper
228 100
226 33.8 25.8 38.8
229 22.3 16.7 25.1

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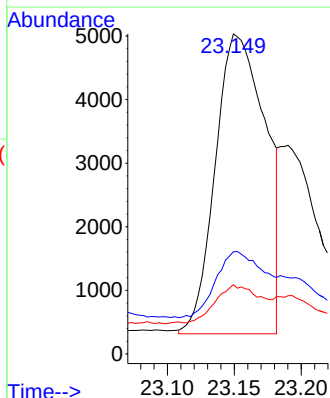
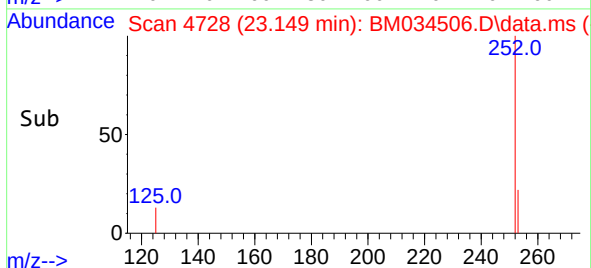
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

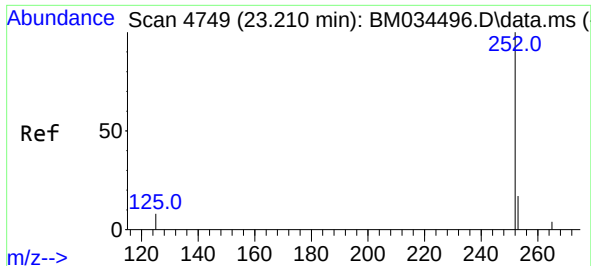


#24
Benzo(b)fluoranthene
Concen: 1.557 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.012 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22



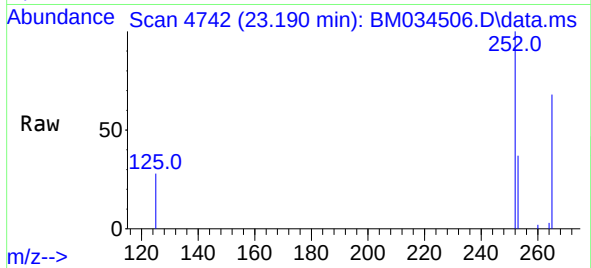
Tgt Ion:252 Resp: 12279
Ion Ratio Lower Upper
252 100
253 31.9 0.0 64.2
125 21.7 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.821 ng/ul m
RT: 23.190 min Scan# 4
Delta R.T. -0.021 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

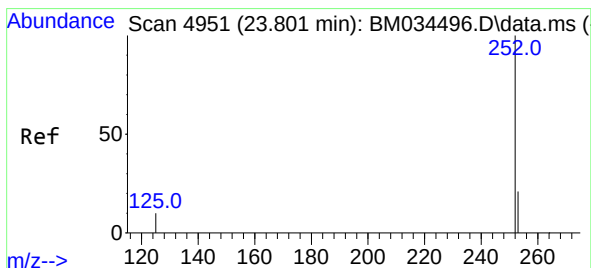
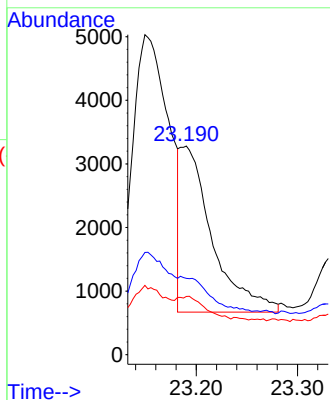
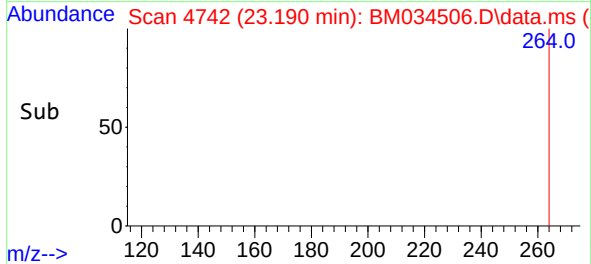
Instrument :
BNA_M
ClientSampleId :
COR46



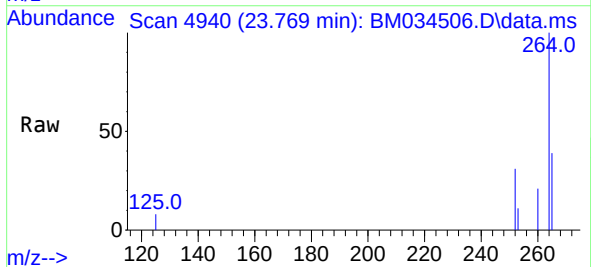
Tgt Ion:252 Resp: 5770
Ion Ratio Lower Upper
252 100
253 36.6 26.8 40.2
125 27.9 12.0 18.0

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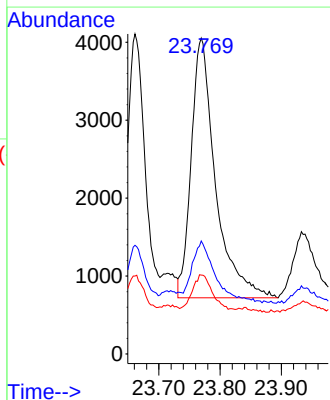
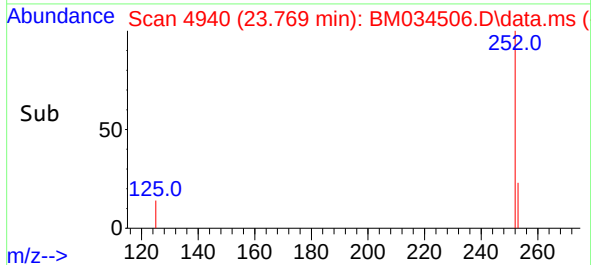
Reviewed By :Jagrut Upadhyay 04/06/2022
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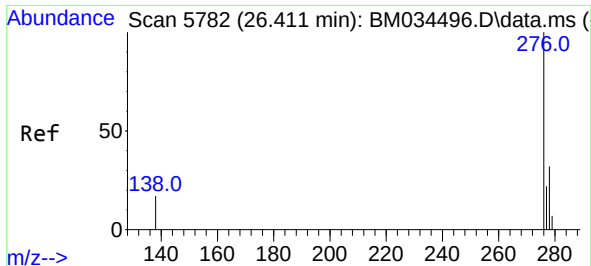


#26
Benzo(a)pyrene
Concen: 0.997 ng/ul
RT: 23.769 min Scan# 4940
Delta R.T. -0.026 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22



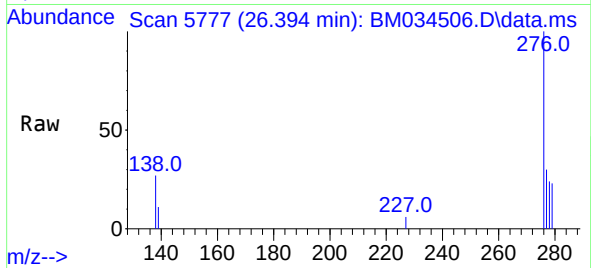
Tgt Ion:252 Resp: 9182
Ion Ratio Lower Upper
252 100
253 35.8 32.0 48.0
125 25.0 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.630 ng/ul
RT: 26.394 min Scan# 5777
Delta R.T. -0.017 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

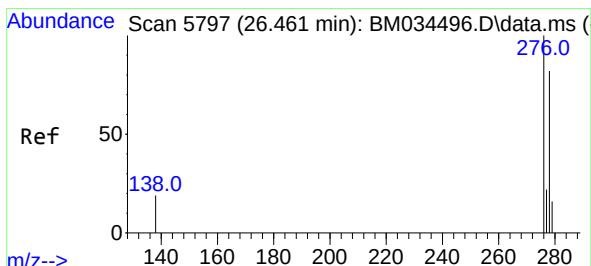
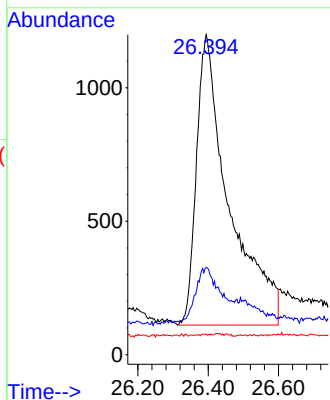
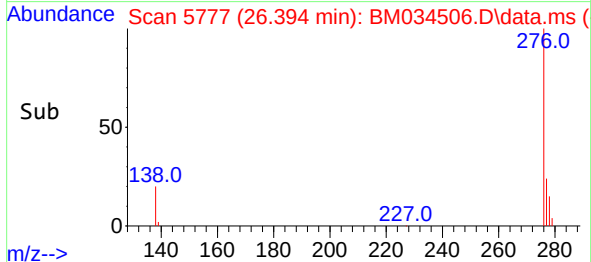
Instrument :
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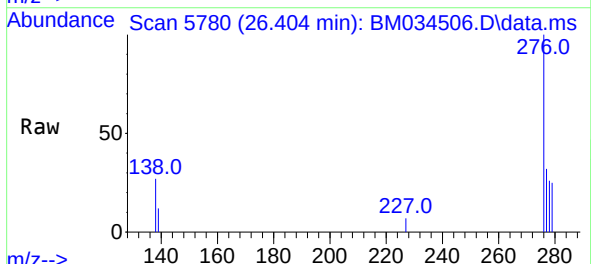
Tgt Ion: 276 Resp: 6980
Ion Ratio Lower Upper
276 100
138 19.1 15.8 23.6
227 0.1 0.0 0.0

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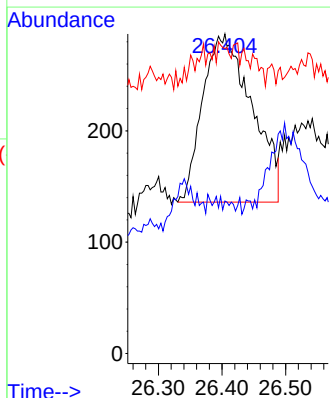
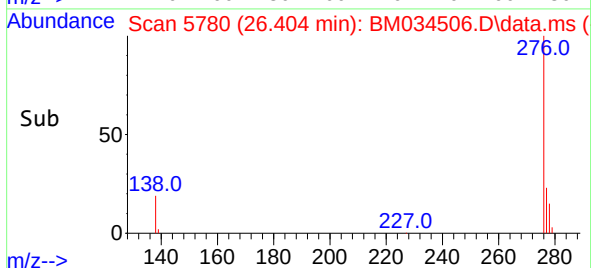
Reviewed By : Jagrut Upadhyay 04/06/2022
Supervised By : Yogesh Patel 04/09/2022

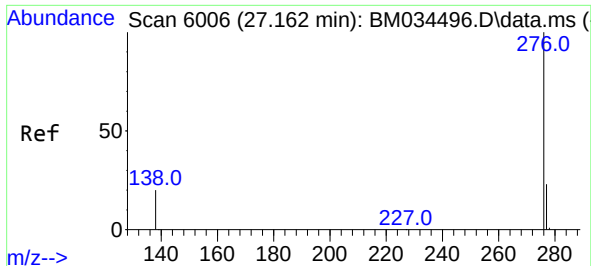


#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 26.404 min Scan# 5780
Delta R.T. -0.057 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22



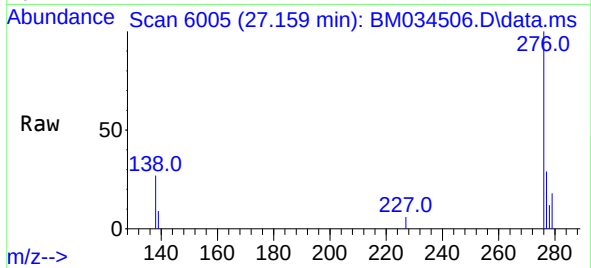
Tgt Ion: 278 Resp: 811
Ion Ratio Lower Upper
278 100
139 47.7 18.0 27.0#
279 95.5 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.572 ng/ul
RT: 27.159 min Scan# 6005
Delta R.T. -0.010 min
Lab File: BM034506.D
Acq: 05 Apr 2022 17:22

Instrument :
BNA_M
ClientSampleId :
C0R46



Tgt Ion:276 Resp: 686
Ion Ratio Lower Upper
276 100
138 27.2 17.4 26.0
277 29.3 22.6 33.8

Manual Integrations
APPROVED

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

