

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034509.D
 Acq On : 05 Apr 2022 19:11
 Operator : CG/JU
 Sample : N2183-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R33

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 01:46:42 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	2953	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	7925	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	3980	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	7175	0.400	ng/ul	-0.02
17) Chrysene-d12	21.478	240	6120	0.400	ng/ul	#-0.02
23) Perylene-d12	23.871	264	3475m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	11696	2.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	1858	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	4649	0.259	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.774	128	3501	0.141	ng/ul	94
7) 2-Methylnaphthalene	12.407	142	2389	0.177	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	1793	0.132	ng/ul	99
10) Acenaphthylene	14.273	152	6269	0.340	ng/ul#	92
11) Acenaphthene	14.615	153	1161	0.078	ng/ul	92
12) Fluorene	15.605	166	2729	0.178	ng/ul	97
15) Phenanthrene	17.337	178	33783	1.450	ng/ul	93
16) Anthracene	17.430	178	9797	0.554	ng/ul	94
19) Fluoranthene	19.352	202	68374	2.662	ng/ul	99
20) Pyrene	19.710	202	57092	1.902	ng/ul#	95
21) Benzo(a)anthracene	21.460	228	21377m	1.605	ng/ul	
22) Chrysene	21.513	228	27730m	1.762	ng/ul	
24) Benzo(b)fluoranthene	23.144	252	32981m	2.901	ng/ul	
25) Benzo(k)fluoranthene	23.184	252	15141m	1.493	ng/ul	
26) Benzo(a)pyrene	23.763	252	20114	1.515	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.371	276	13427	0.841	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.515	278	1022	0.088	ng/ul#	30
29) Benzo(g,h,i)perylene	27.146	276	8967	0.518	ng/ul	96

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

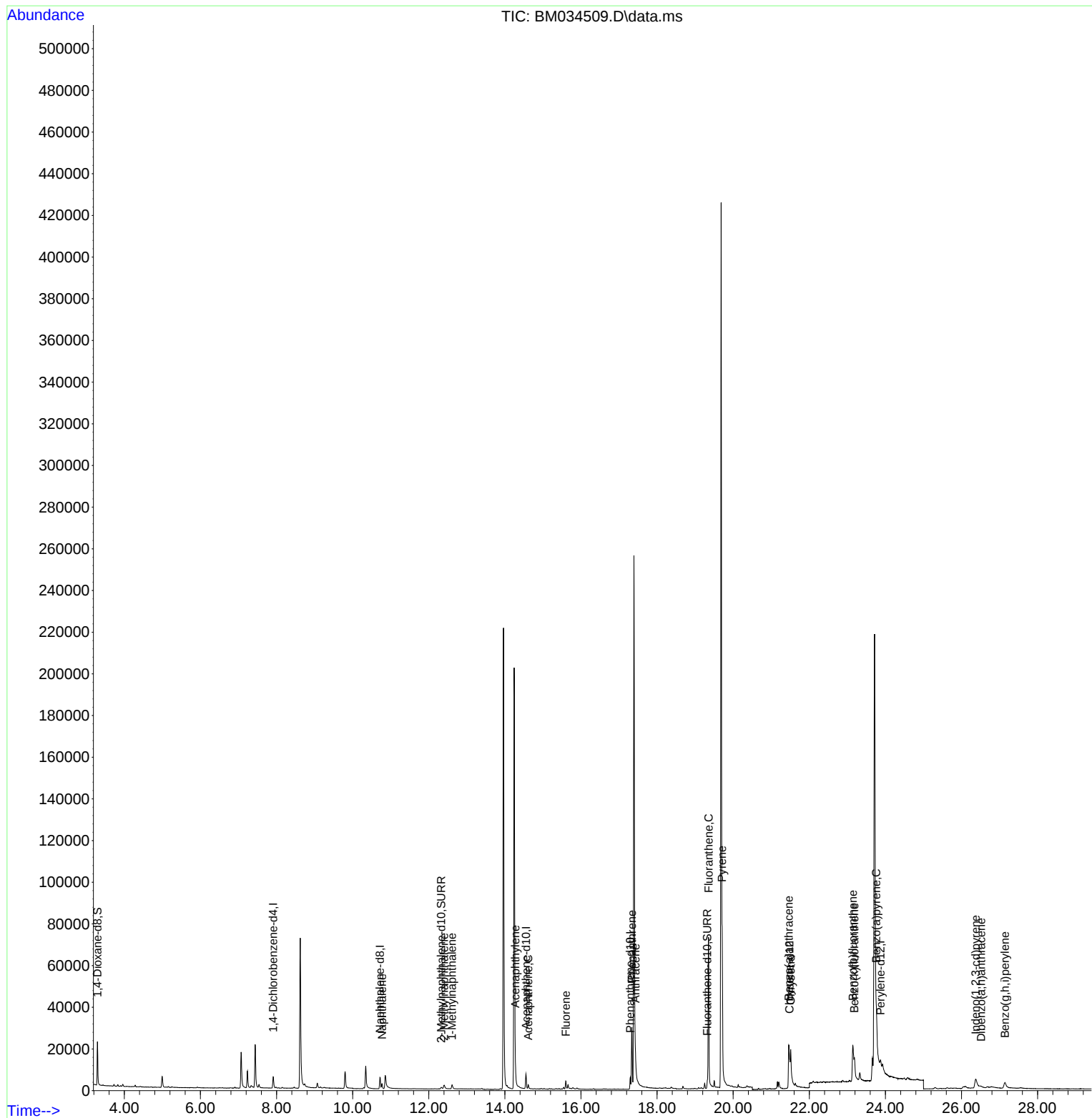
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034509.D
Acq On : 05 Apr 2022 19:11
Operator : CG/JU
Sample : N2183-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

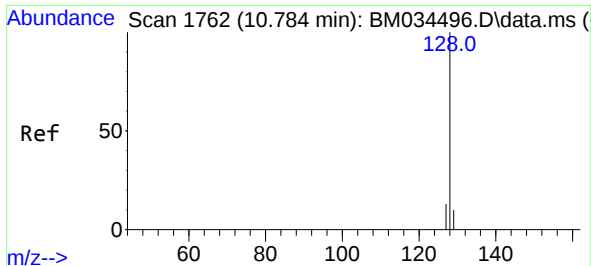
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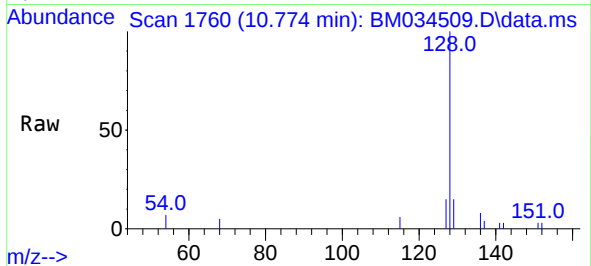
Quant Time: Apr 06 01:46:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.141 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

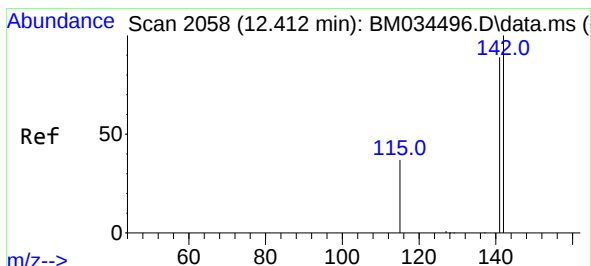
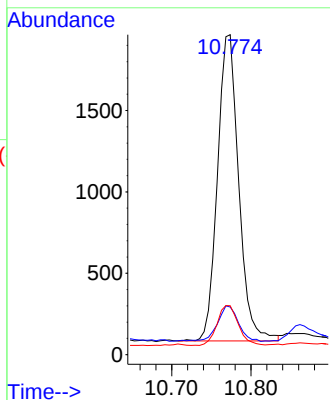
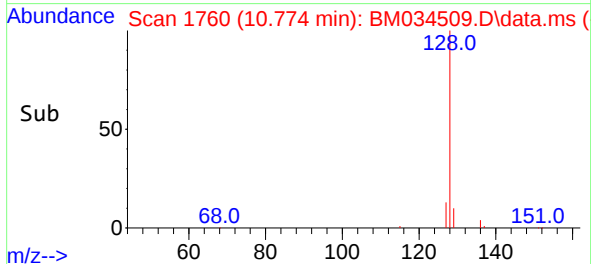
Instrument :
BNA_M
ClientSampleId :
C0R33



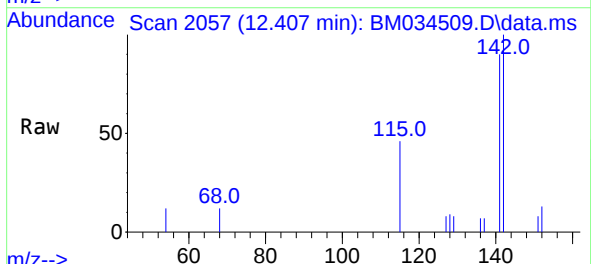
Tgt Ion:128 Resp: 350
Ion Ratio Lower Upper
128 100
129 14.9 13.4 20.2
127 15.3 15.2 22.8

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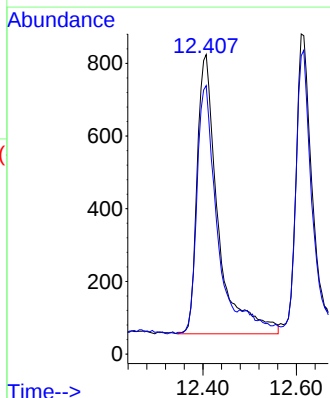
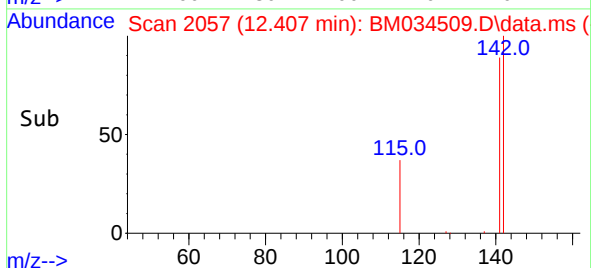
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

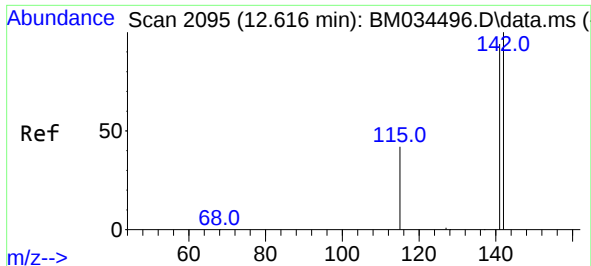


#7
2-Methylnaphthalene
Concen: 0.177 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



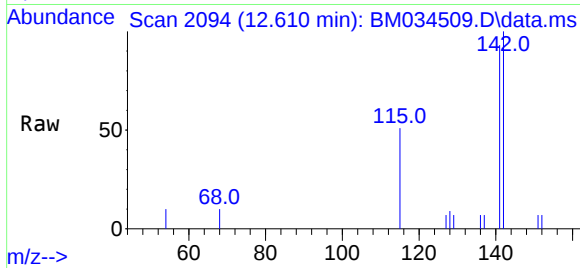
Tgt Ion:142 Resp: 2389
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.610 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

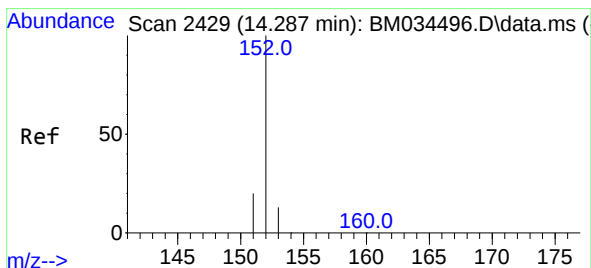
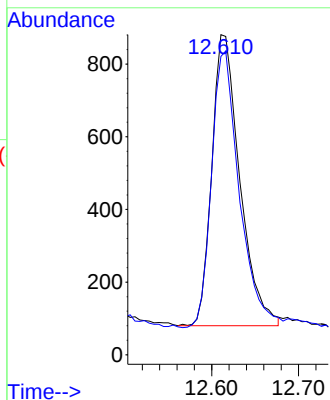
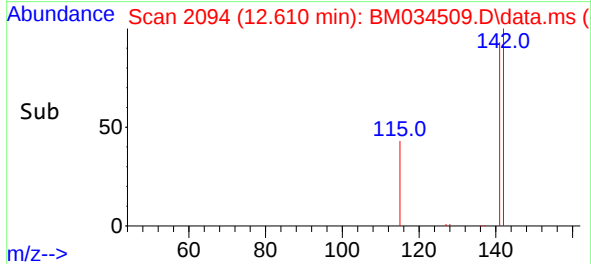
Instrument :
BNA_M
ClientSampleId :
COR33



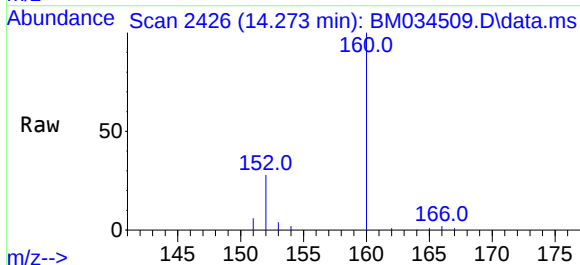
Tgt Ion:142 Resp: 179
Ion Ratio Lower Upper
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141 94.5 75.0 112.4

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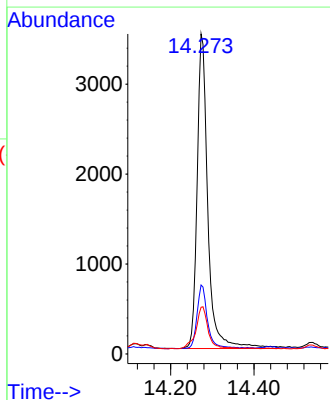
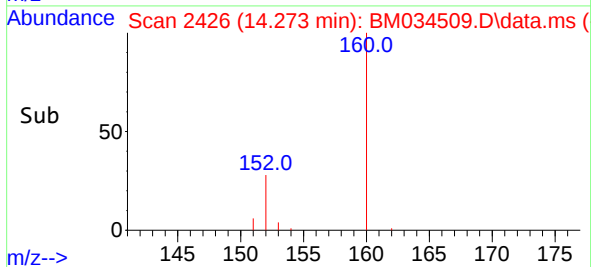
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

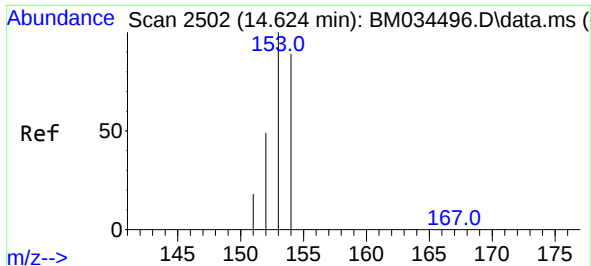


#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.014 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



Tgt Ion:152 Resp: 6269
Ion Ratio Lower Upper
152 100
151 21.5 19.9 29.9
153 14.6 15.0 22.4#





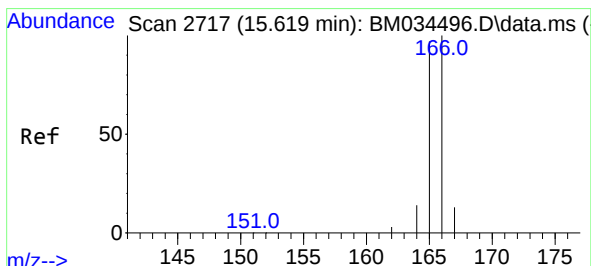
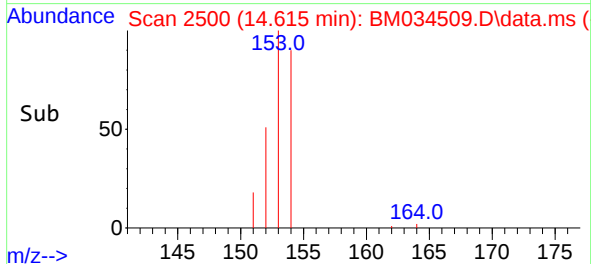
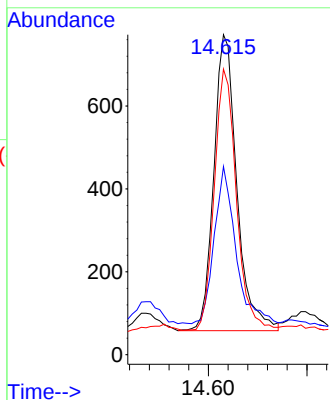
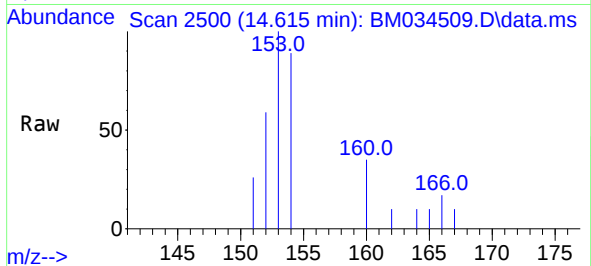
#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.615 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 116
Ion Ratio Lower Upper
153 100
152 58.8 42.4 63.6
154 89.2 66.2 99.2

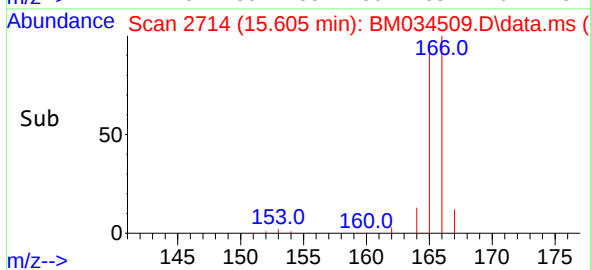
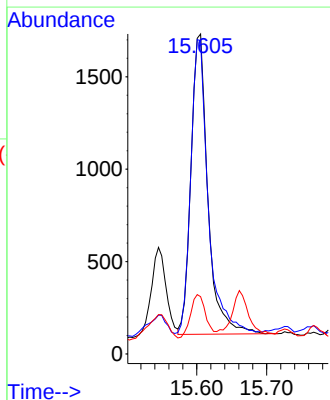
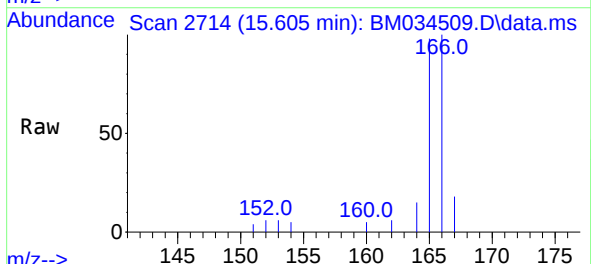
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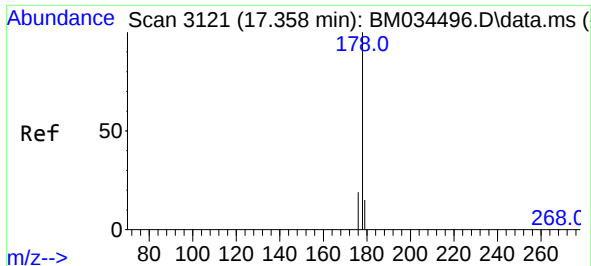
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#12
Fluorene
Concen: 0.178 ng/ul
RT: 15.605 min Scan# 2714
Delta R.T. -0.014 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

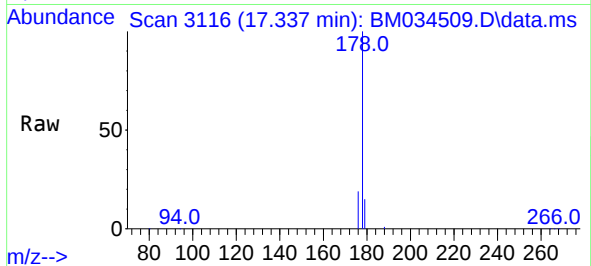
Tgt Ion:166 Resp: 2729
Ion Ratio Lower Upper
166 100
165 97.9 81.1 121.7
167 17.9 14.9 22.3





#15
Phenanthrene
Concen: 1.450 ng/ul
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

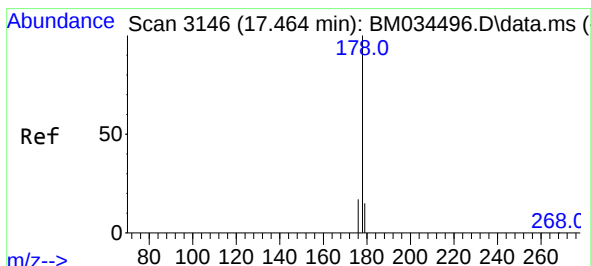
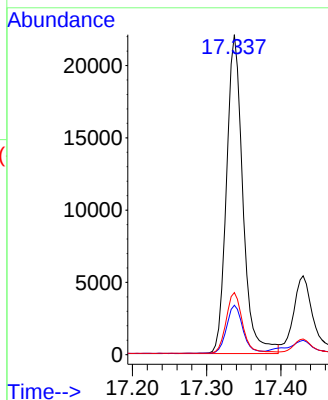
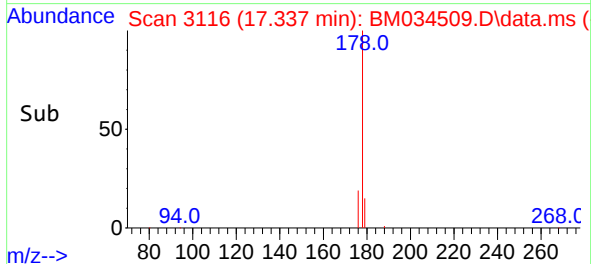
Instrument :
BNA_M
ClientSampleId :
C0R33



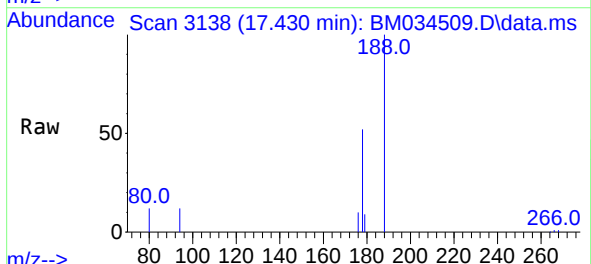
Tgt Ion:178 Resp: 3378
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.4 17.9 26.9

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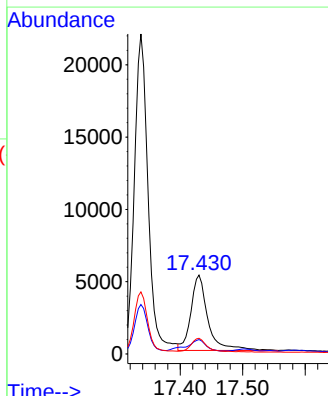
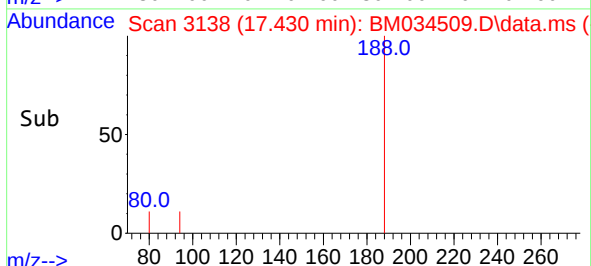
Reviewed By :Jagrut Upadhyay 04/06/2022
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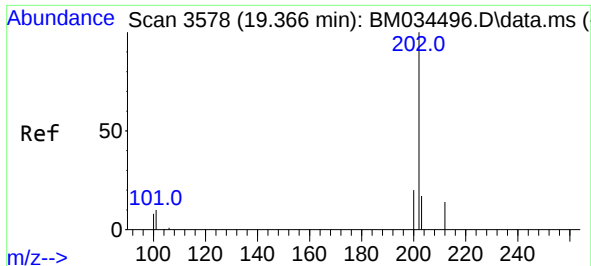


#16
Anthracene
Concen: 0.554 ng/ul
RT: 17.430 min Scan# 3138
Delta R.T. -0.021 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



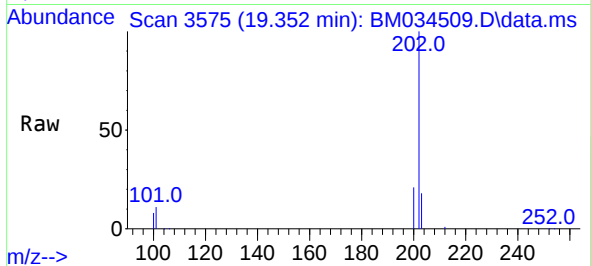
Tgt Ion:178 Resp: 9797
Ion Ratio Lower Upper
178 100
179 18.3 16.5 24.7
176 19.9 18.3 27.5





#19
Fluoranthene
Concen: 2.662 ng/u1
RT: 19.352 min Scan# 3575
Delta R.T. -0.014 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

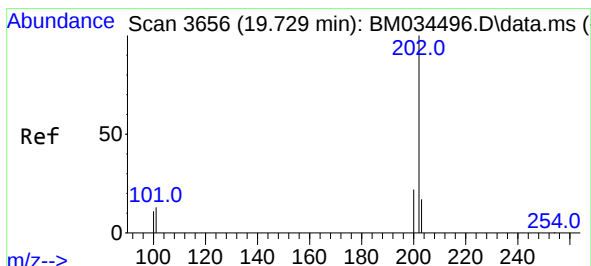
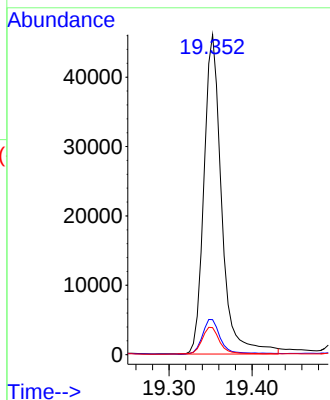
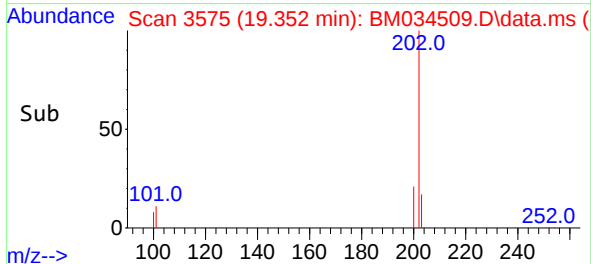
Instrument :
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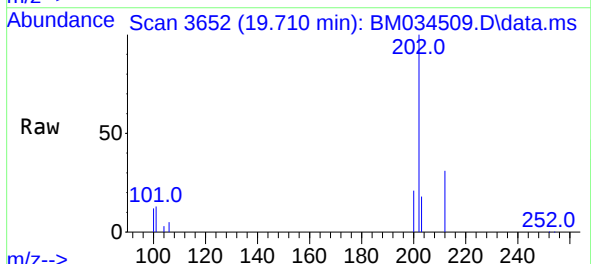
Tgt Ion:202 Resp: 68374
Ion Ratio Lower Upper
202 100
101 11.0 9.2 13.8
100 8.5 7.2 10.8

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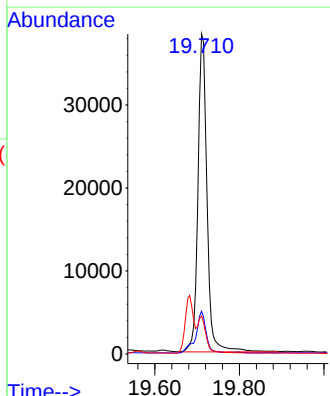
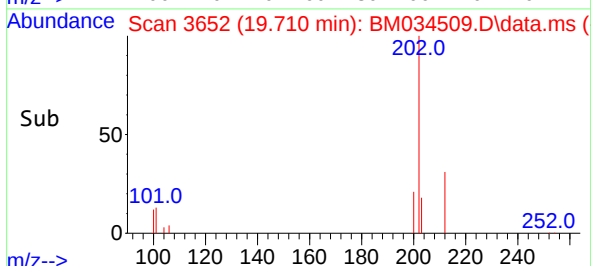
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

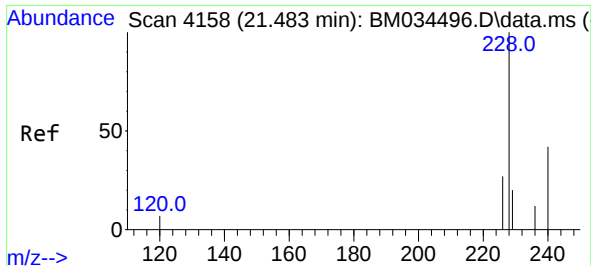


#20
Pyrene
Concen: 1.902 ng/u1
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



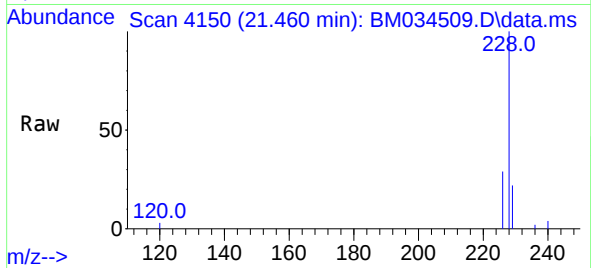
Tgt Ion:202 Resp: 57092
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 11.9 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 1.605 ng/ul m
RT: 21.460 min Scan# 4158
Delta R.T. -0.020 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

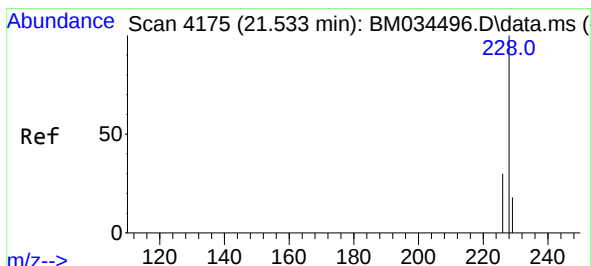
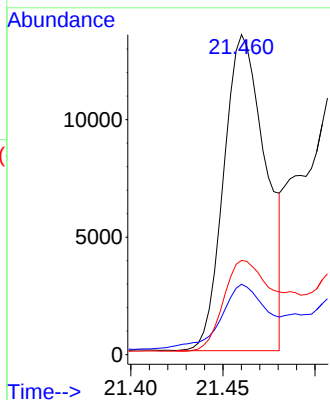
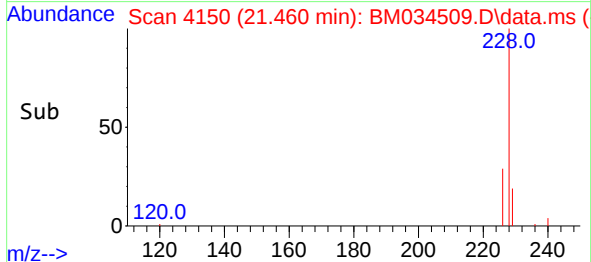
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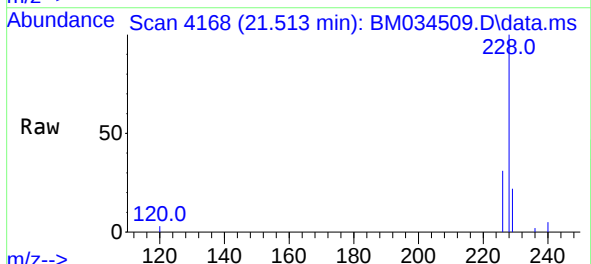
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Ion Ratio Lower Upper
228 100
229 22.0 17.3 25.9
226 29.4 23.2 34.8

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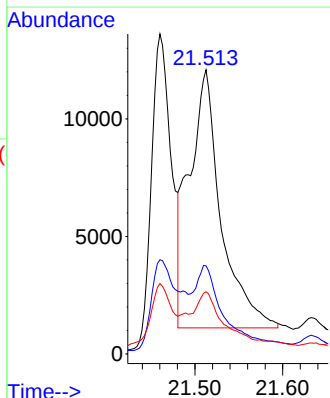
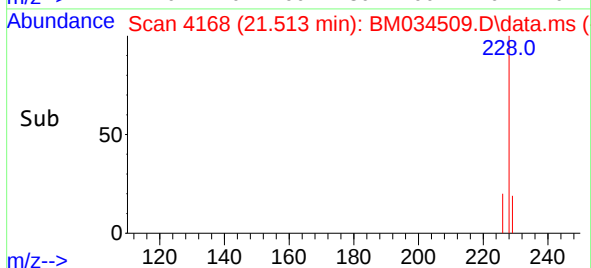
Reviewed By :Jagrut Upadhyay 04/06/2022
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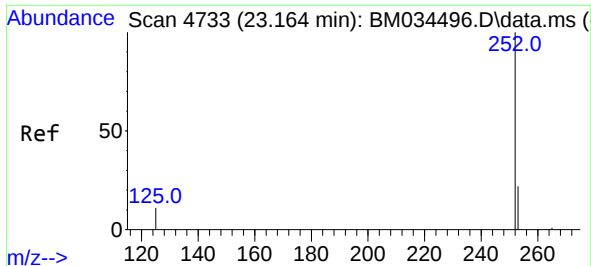


#22
Chrysene
Concen: 1.762 ng/ul m
RT: 21.513 min Scan# 4168
Delta R.T. -0.015 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



Tgt Ion:228 Resp: 27730
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 21.9 16.7 25.1





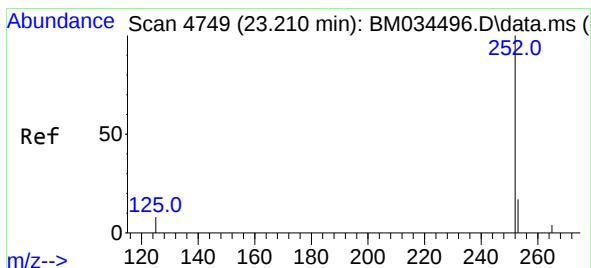
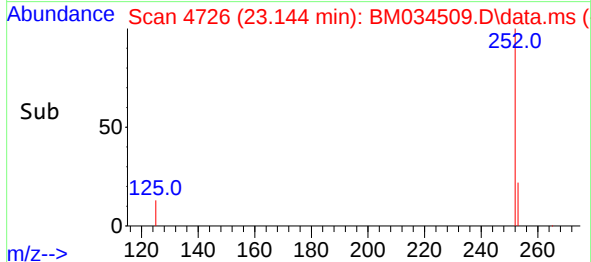
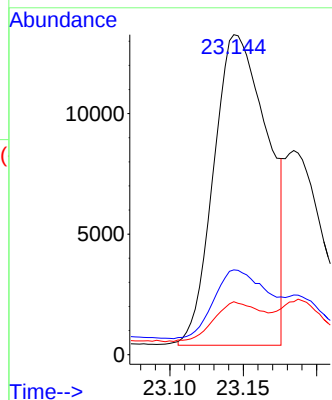
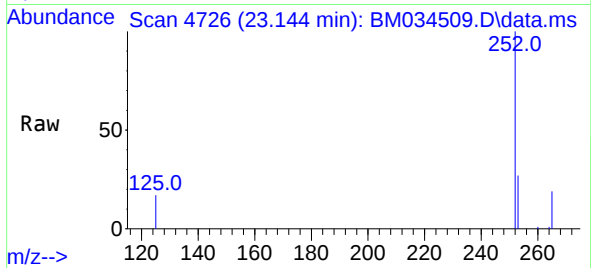
#24
Benzo(b)fluoranthene
Concen: 2.901 ng/ul m
RT: 23.144 min Scan# 4733
Delta R.T. -0.018 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 3298
Ion Ratio Lower Upper
252 100
253 26.5 0.0 64.2
125 16.5 0.0 28.8

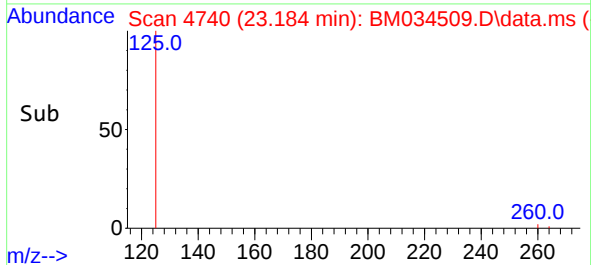
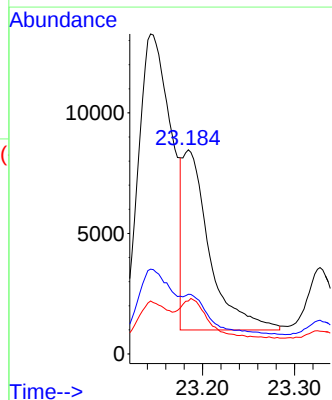
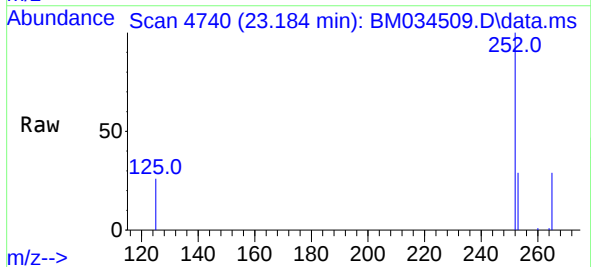
Manual Integrations
APPROVED

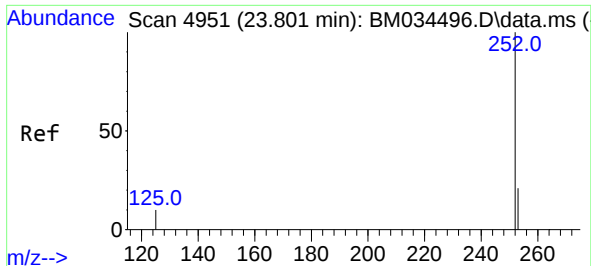
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#25
Benzo(k)fluoranthene
Concen: 1.493 ng/ul m
RT: 23.184 min Scan# 4740
Delta R.T. -0.027 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

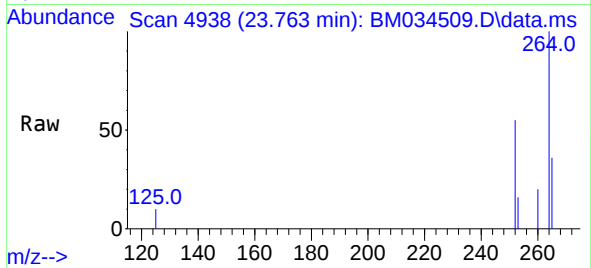
Tgt Ion:252 Resp: 15141
Ion Ratio Lower Upper
252 100
253 29.2 26.8 40.2
125 25.9 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 1.515 ng/ul
RT: 23.763 min Scan# 4951
Delta R.T. -0.032 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

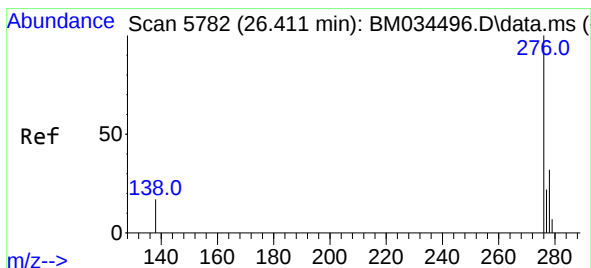
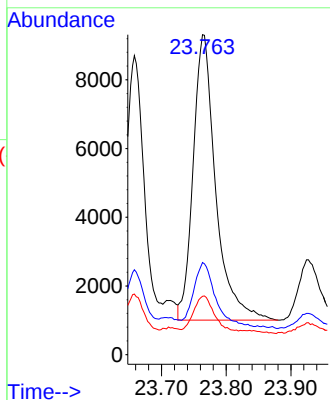
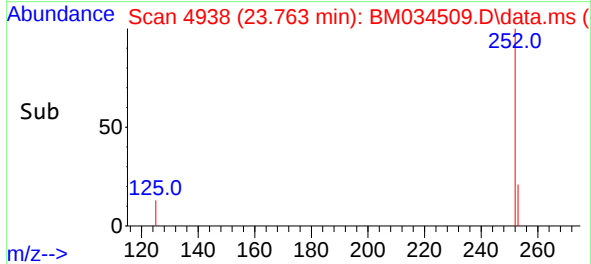
Instrument :
BNA_M
ClientSampleId :
COR33



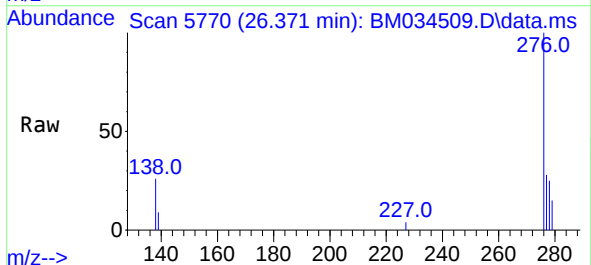
Tgt Ion:252 Resp: 20114
Ion Ratio Lower Upper
252 100
253 28.8 32.0 48.0
125 18.3 14.5 21.7

Manual Integrations
APPROVED

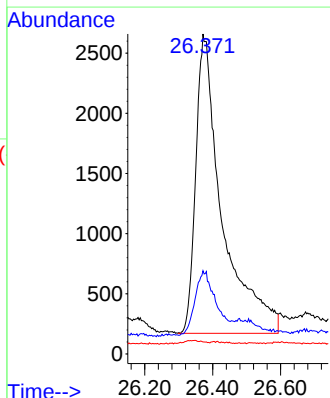
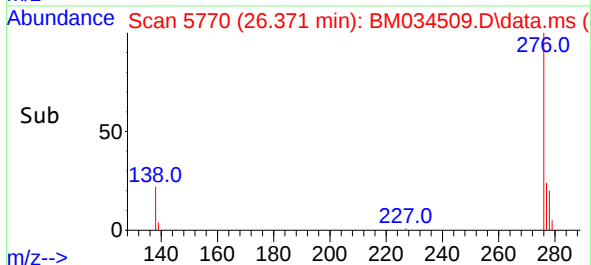
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

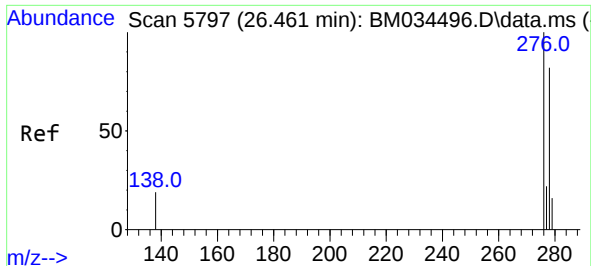


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.841 ng/ul
RT: 26.371 min Scan# 5770
Delta R.T. -0.040 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



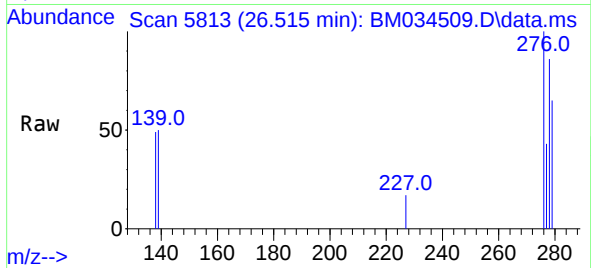
Tgt Ion:276 Resp: 13427
Ion Ratio Lower Upper
276 100
138 22.4 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.515 min Scan# 51
Delta R.T. 0.054 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11

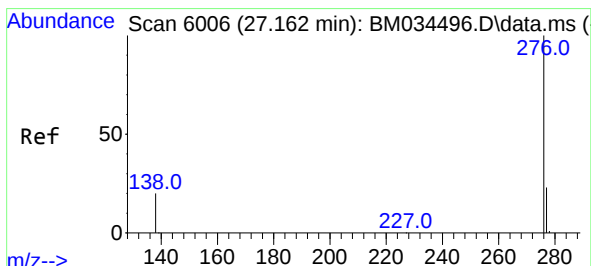
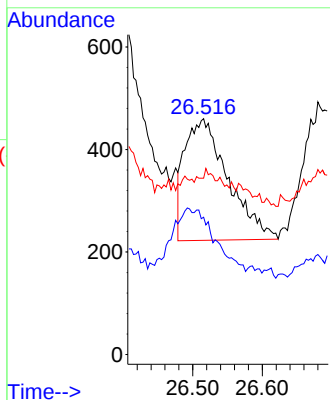
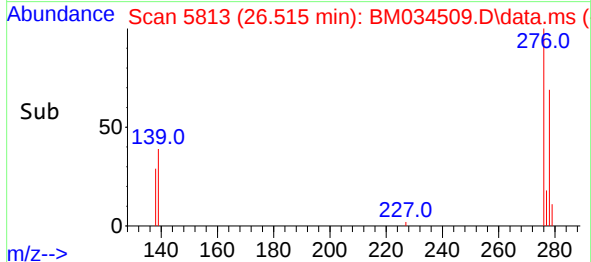
Instrument :
BNA_M
ClientSampleId :
C0R33



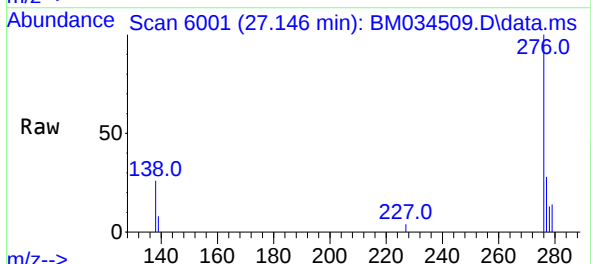
Tgt Ion:278 Resp: 102
Ion Ratio Lower Upper
278 100
139 58.3 18.0 27.0
279 74.8 28.6 42.8

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: 0.518 ng/ul
RT: 27.146 min Scan# 6001
Delta R.T. -0.023 min
Lab File: BM034509.D
Acq: 05 Apr 2022 19:11



Tgt Ion:276 Resp: 8967
Ion Ratio Lower Upper
276 100
138 26.0 17.4 26.0
277 28.1 22.6 33.8

