

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034507.D
 Acq On : 05 Apr 2022 17:59
 Operator : CG/JU
 Sample : N2183-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R32

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 01:46:29 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	2861	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	7466	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	3755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	6784	0.400	ng/ul	-0.01
17) Chrysene-d12	21.477	240	6006	0.400	ng/ul	#-0.02
23) Perylene-d12	23.871	264	3920m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	10934	2.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	1625	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	3849	0.218	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	2705	0.116	ng/ul	95
7) 2-Methylnaphthalene	12.407	142	1722	0.135	ng/ul	100
8) 1-Methylnaphthalene	12.616	142	1293	0.101	ng/ul	99
10) Acenaphthylene	14.277	152	5860	0.337	ng/ul	92
11) Acenaphthene	14.620	153	1076	0.076	ng/ul	92
12) Fluorene	15.605	166	1560	0.108	ng/ul	97
15) Phenanthrene	17.337	178	27786	1.261	ng/ul	93
16) Anthracene	17.430	178	8317	0.497	ng/ul	96
19) Fluoranthene	19.352	202	81181	3.220	ng/ul	98
20) Pyrene	19.710	202	70148	2.381	ng/ul	96
21) Benzo(a)anthracene	21.460	228	23169m	1.773	ng/ul	
22) Chrysene	21.509	228	35576m	2.303	ng/ul	
24) Benzo(b)fluoranthene	23.143	252	40747m	3.177	ng/ul	
25) Benzo(k)fluoranthene	23.181	252	19174m	1.677	ng/ul	
26) Benzo(a)pyrene	23.766	252	22004	1.470	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.381	276	16132	0.896	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.511	278	1020	0.078	ng/ul#	36
29) Benzo(g,h,i)perylene	27.142	276	11879	0.609	ng/ul	97

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

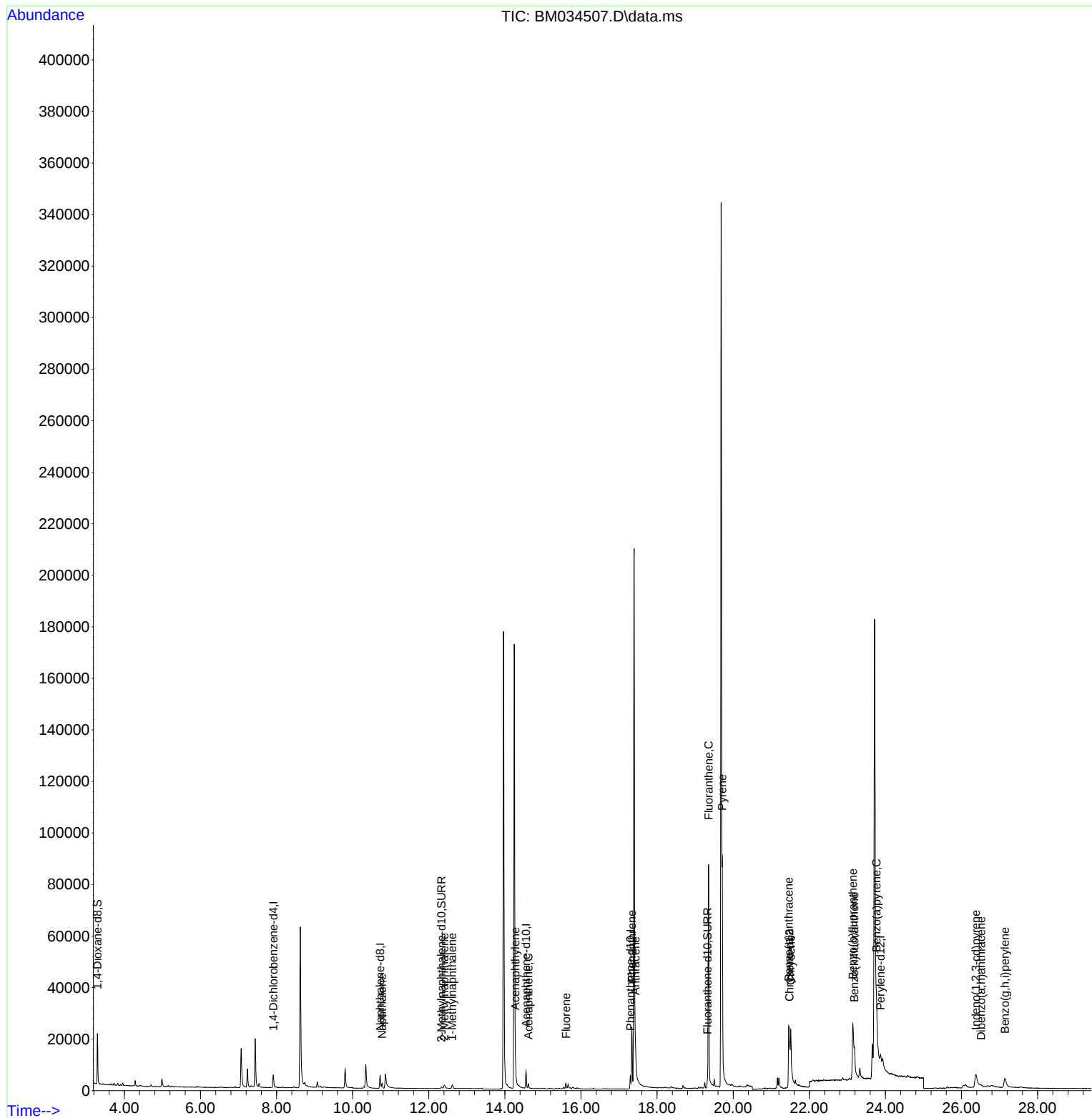
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034507.D
Acq On : 05 Apr 2022 17:59
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Sample : N2183-05
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ALS Vial : 13 Sample Multiplier: 1

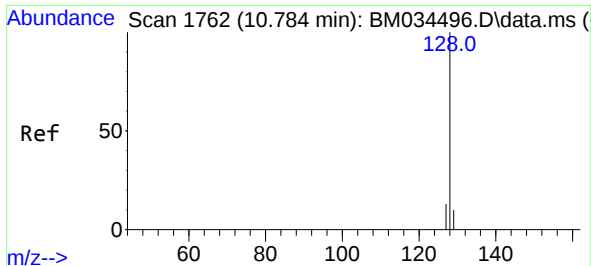
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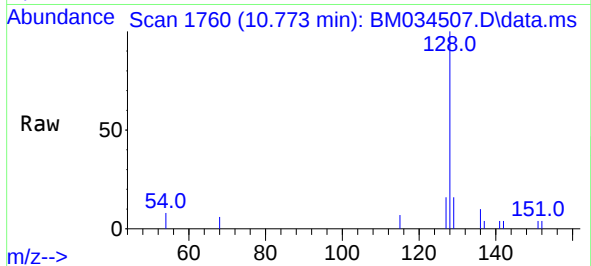
Quant Time: Apr 06 01:46:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.773 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

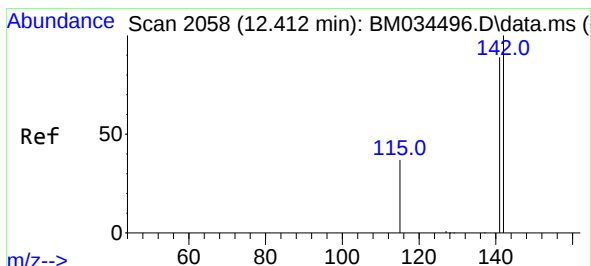
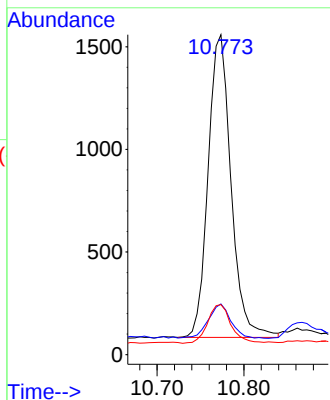
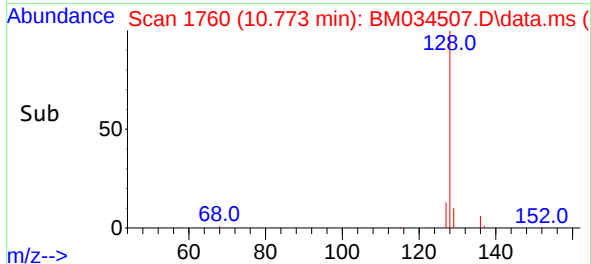
Instrument :
BNA_M
ClientSampleId :
C0R32



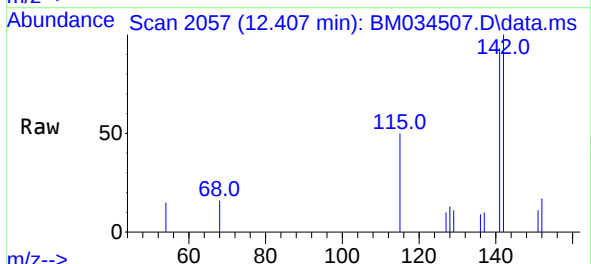
Tgt Ion:128 Resp: 270
Ion Ratio Lower Upper
128 100
129 15.8 13.4 20.2
127 15.7 15.2 22.8

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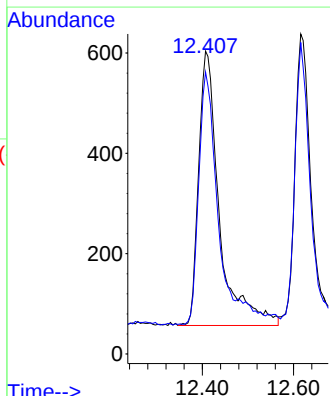
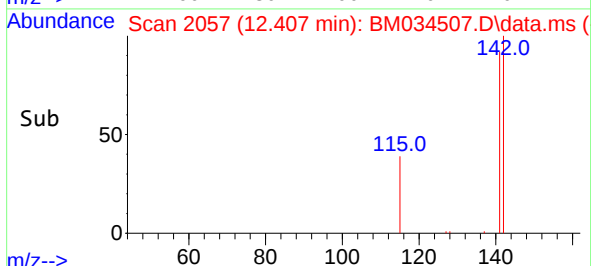
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

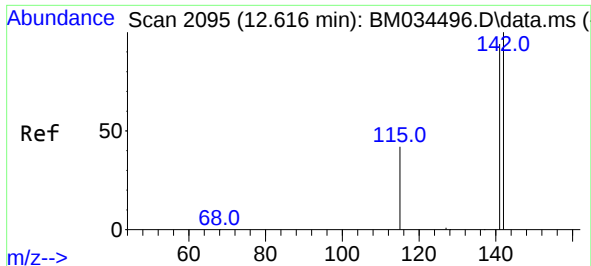


#7
2-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59



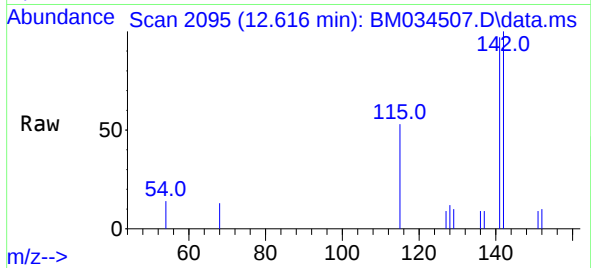
Tgt Ion:142 Resp: 1722
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.616 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

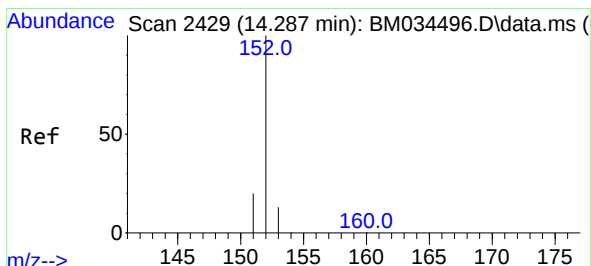
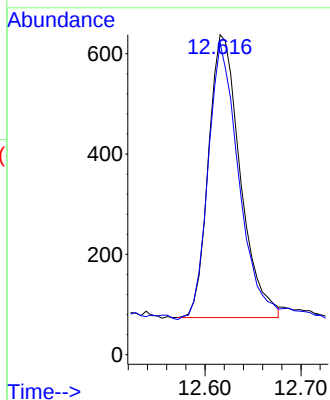
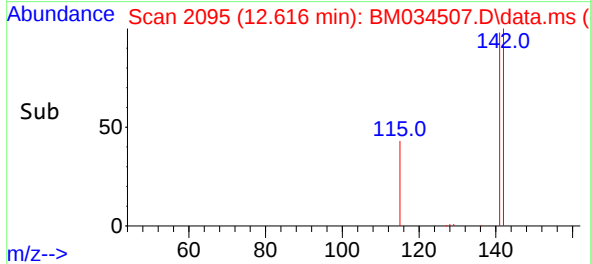
Instrument :
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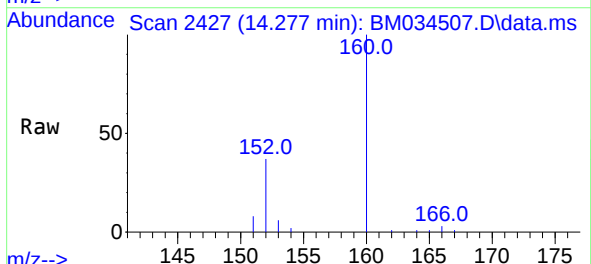
Tgt Ion:142 Resp: 129
Ion Ratio Lower Upper
142 100
141 94.7 75.0 112.4

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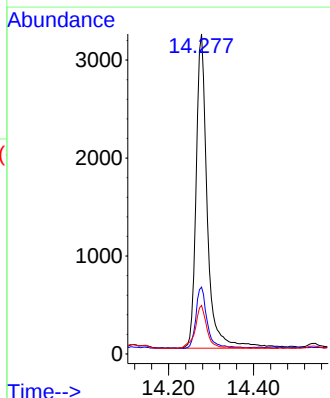
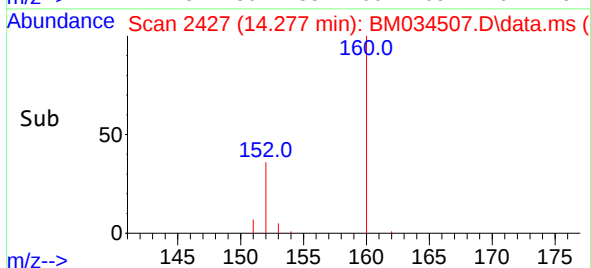
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

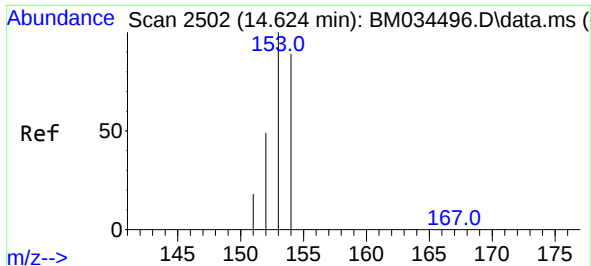


#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.277 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59



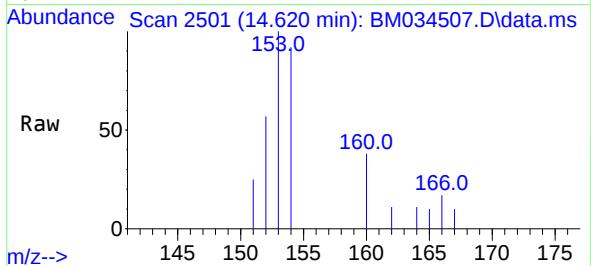
Tgt Ion:152 Resp: 5860
Ion Ratio Lower Upper
152 100
151 20.9 19.9 29.9
153 15.2 15.0 22.4





#11
Acenaphthene
Concen: 0.076 ng/u1
RT: 14.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

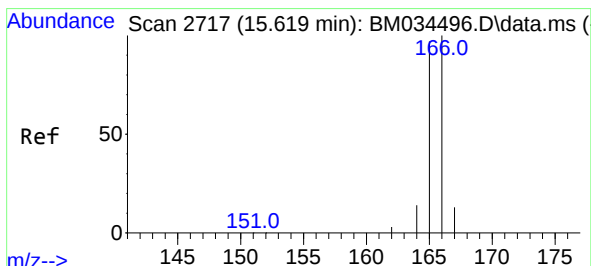
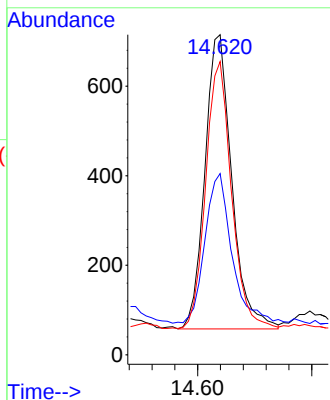
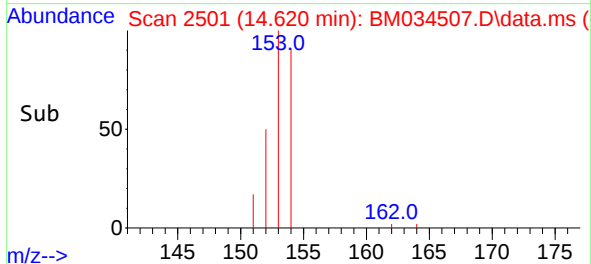
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 1070
Ion Ratio Lower Upper
153 100
152 56.6 42.4 63.6
154 91.6 66.2 99.2

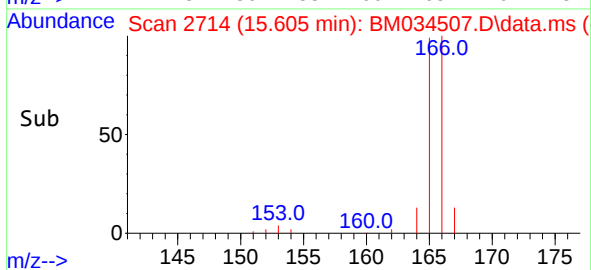
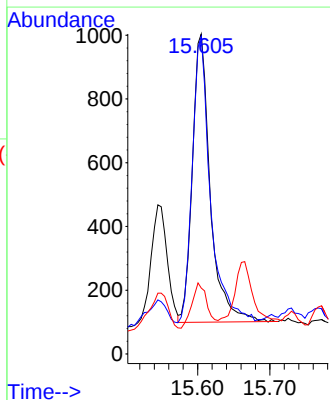
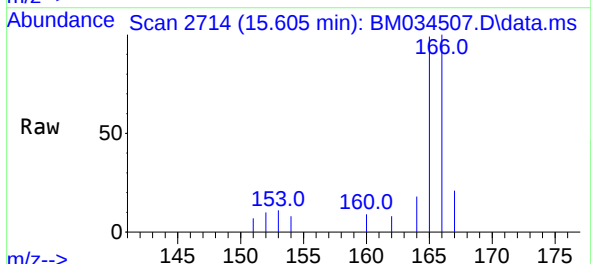
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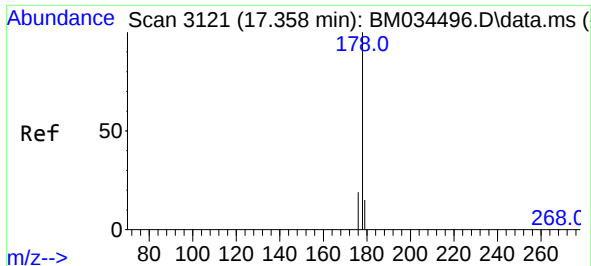
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#12
Fluorene
Concen: 0.108 ng/u1
RT: 15.605 min Scan# 2714
Delta R.T. -0.014 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

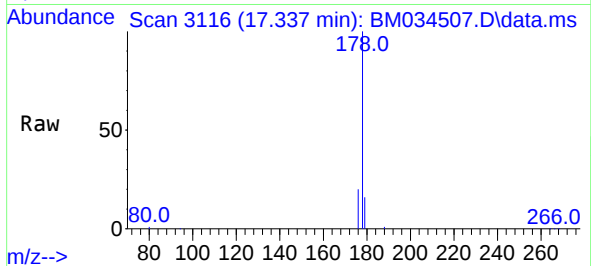
Tgt Ion:166 Resp: 1560
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 20.6 14.9 22.3





#15
Phenanthrene
Concen: 1.261 ng/u1
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

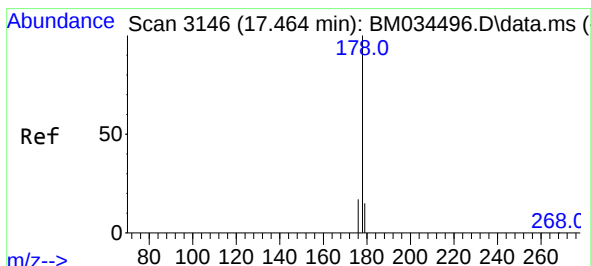
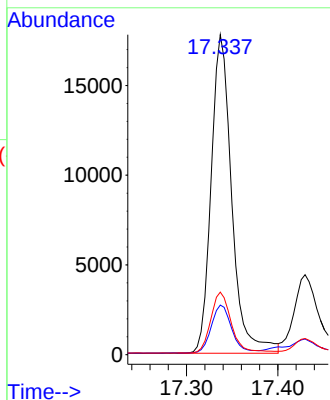
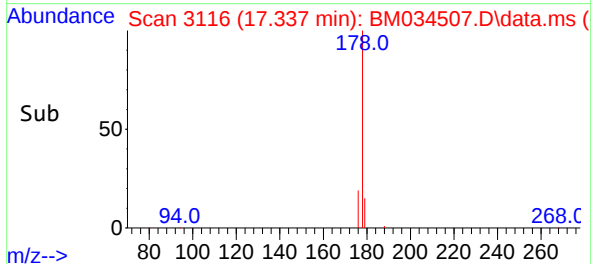
Instrument :
BNA_M
ClientSampleId :
C0R32



Tgt Ion:178 Resp: 27780
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.5 17.9 26.9

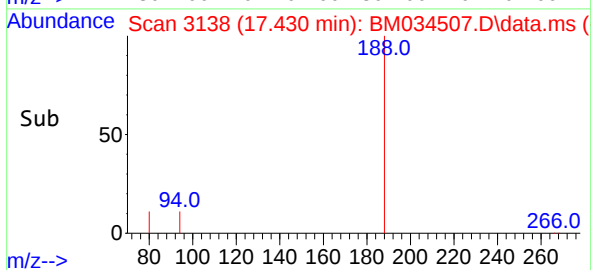
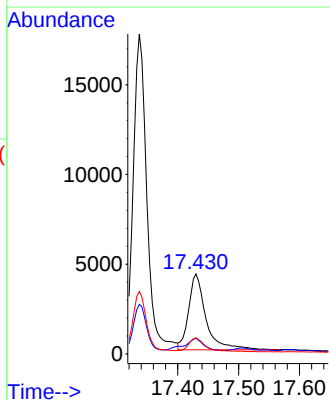
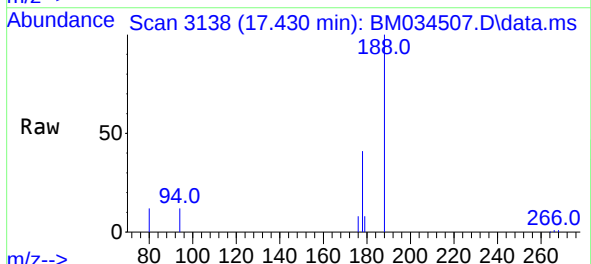
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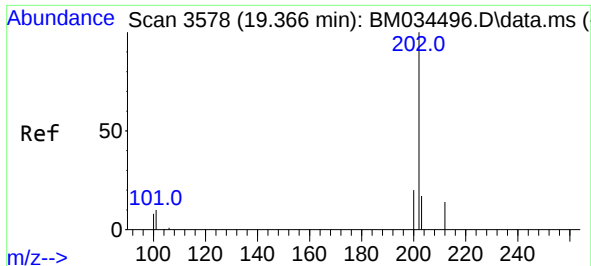
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#16
Anthracene
Concen: 0.497 ng/u1
RT: 17.430 min Scan# 3138
Delta R.T. -0.021 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

Tgt Ion:178 Resp: 8317
Ion Ratio Lower Upper
178 100
179 19.5 16.5 24.7
176 20.2 18.3 27.5





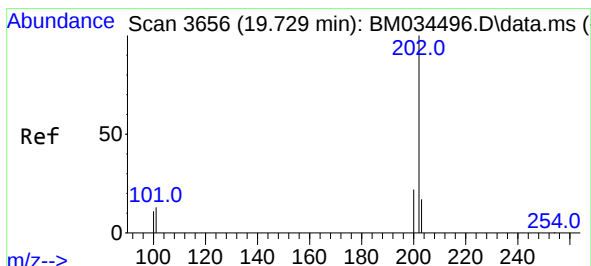
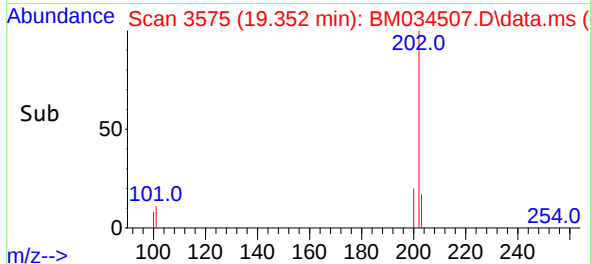
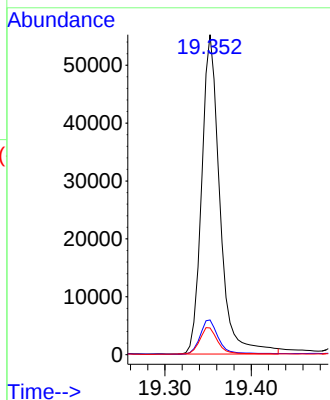
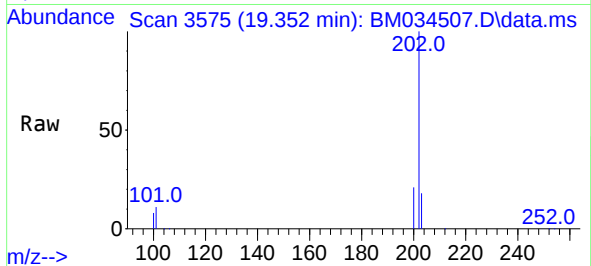
#19
Fluoranthene
Concen: 3.220 ng/u1
RT: 19.352 min Scan# 3575
Delta R.T. -0.014 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

Instrument :
BNA_M
ClientSampleId :
C0R32

Tgt Ion:202 Resp: 8118
Ion Ratio Lower Upper
202 100
101 10.9 9.2 13.8
100 8.4 7.2 10.8

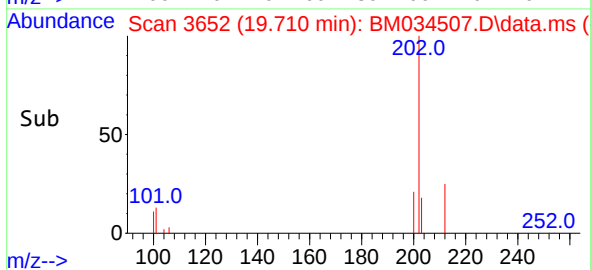
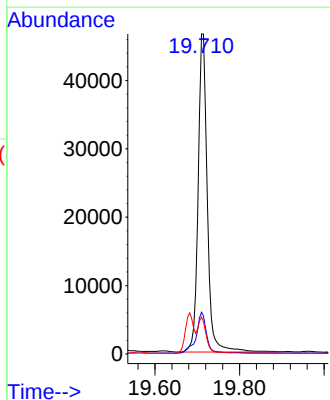
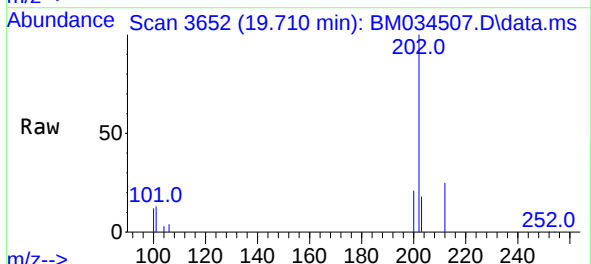
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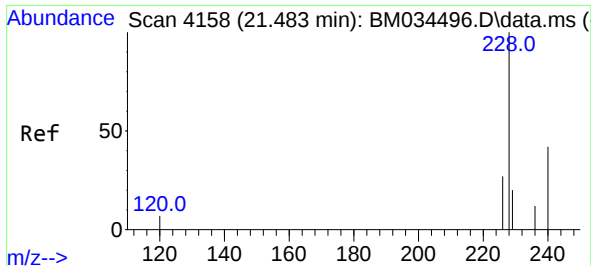
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#20
Pyrene
Concen: 2.381 ng/u1
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

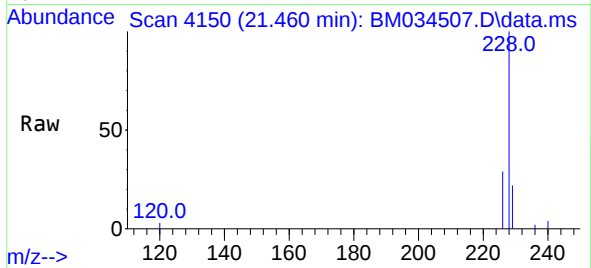
Tgt Ion:202 Resp: 70148
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 11.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.773 ng/ul m
RT: 21.460 min Scan# 4158
Delta R.T. -0.020 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

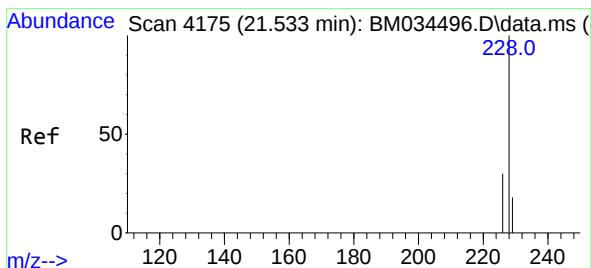
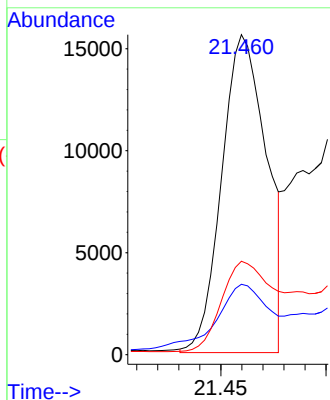
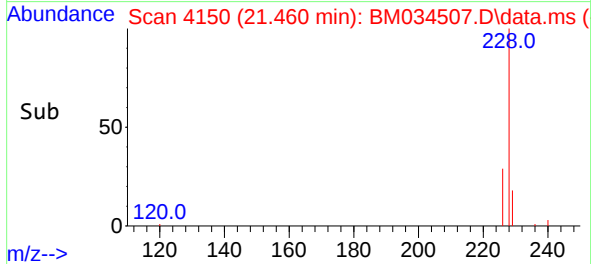
Instrument :
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C0R32



Tgt Ion:228 Resp: 23169
Ion Ratio Lower Upper
228 100
229 22.0 17.3 25.9
226 29.2 23.2 34.8

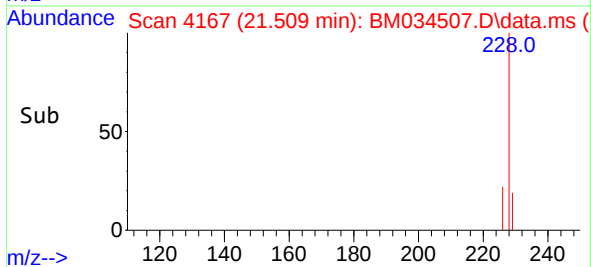
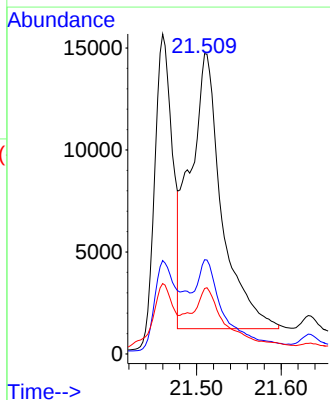
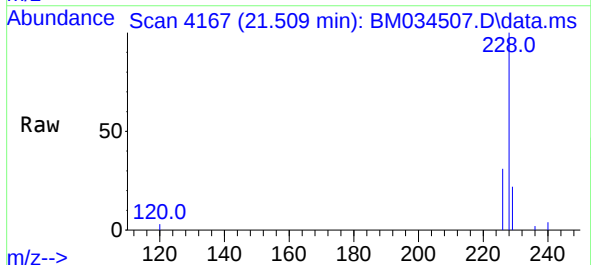
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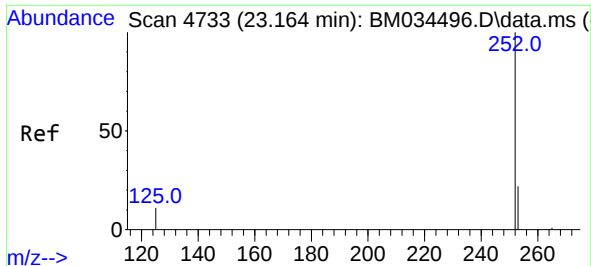
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#22
Chrysene
Concen: 2.303 ng/ul m
RT: 21.509 min Scan# 4167
Delta R.T. -0.018 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

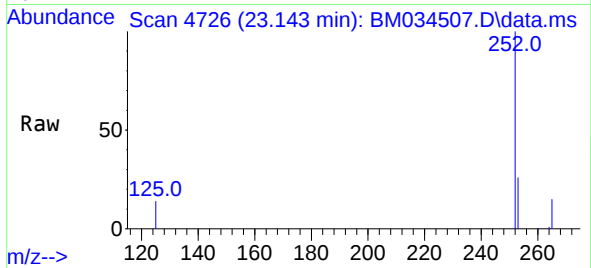
Tgt Ion:228 Resp: 35576
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 21.8 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 3.177 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. -0.018 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

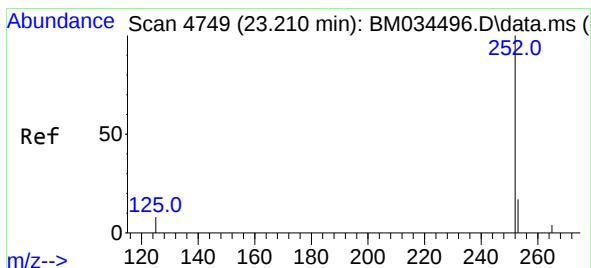
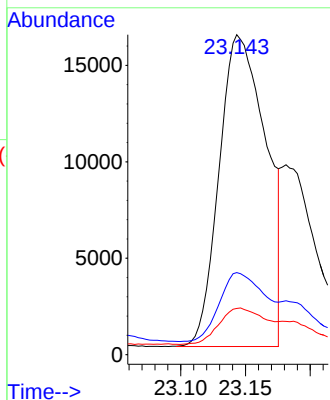
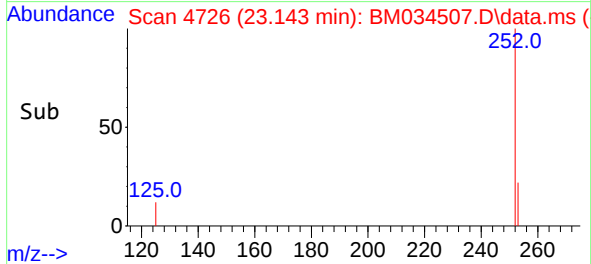
Instrument :
BNA_M
ClientSampleId :
C0R32



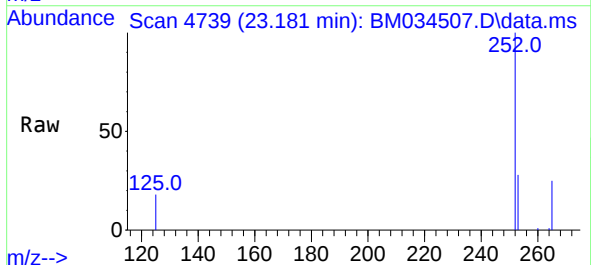
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Ion Ratio Lower Upper
252 100
253 25.7 0.0 64.2
125 14.5 0.0 28.8

Manual Integrations
APPROVED

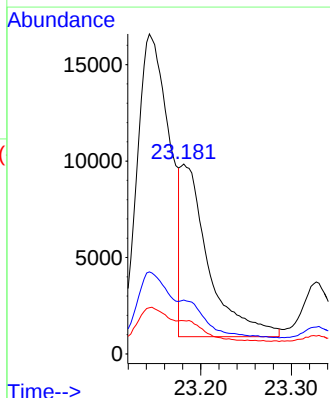
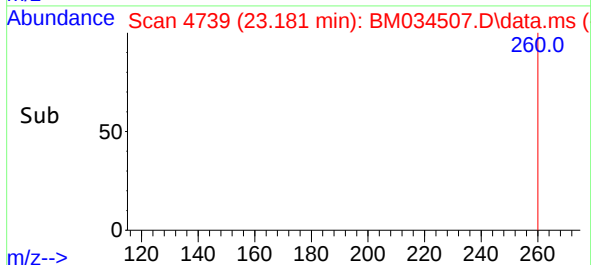
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

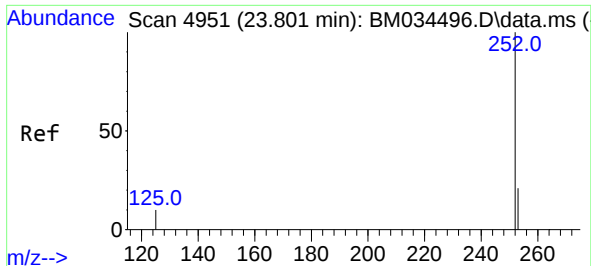


#25
Benzo(k)fluoranthene
Concen: 1.677 ng/ul m
RT: 23.181 min Scan# 4739
Delta R.T. -0.030 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59



Tgt Ion:252 Resp: 19174
Ion Ratio Lower Upper
252 100
253 28.4 26.8 40.2
125 17.5 12.0 18.0





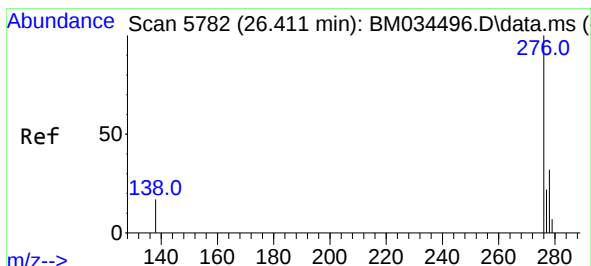
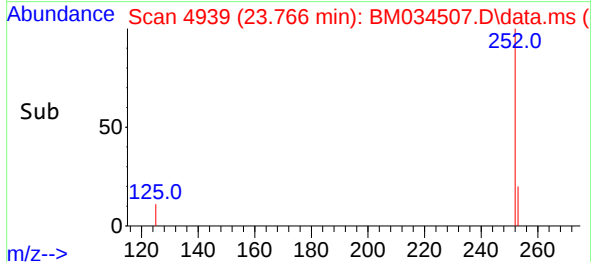
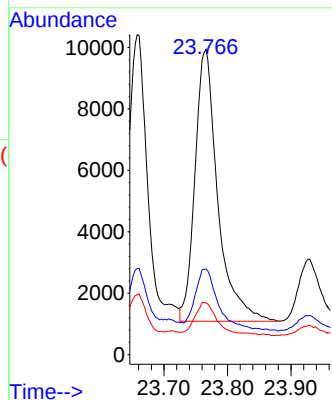
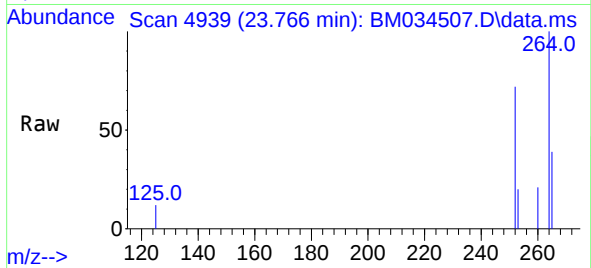
#26
Benzo(a)pyrene
Concen: 1.470 ng/ul
RT: 23.766 min Scan# 4951
Delta R.T. -0.029 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

Instrument :
BNA_M
ClientSampleId :
COR32

Tgt Ion:252 Resp: 22004
Ion Ratio Lower Upper
252 100
253 28.0 32.0 48.0
125 17.0 14.5 21.7

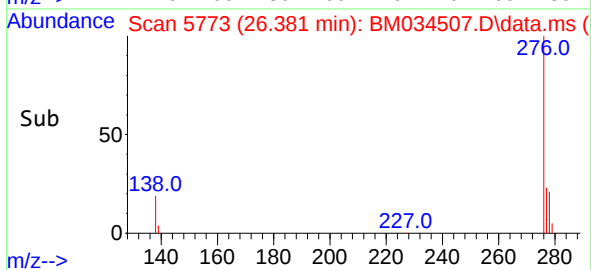
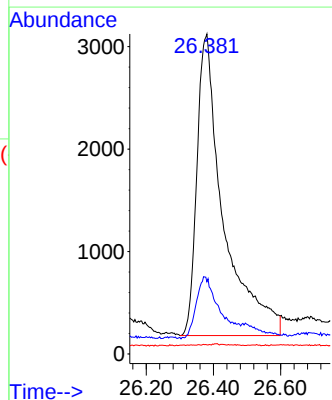
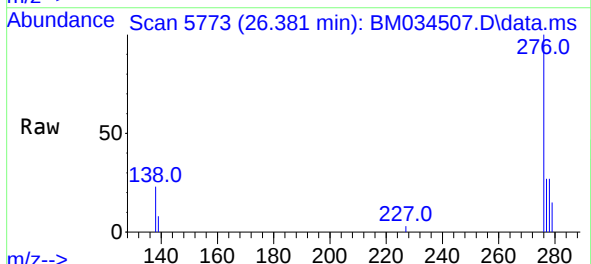
Manual Integrations
APPROVED

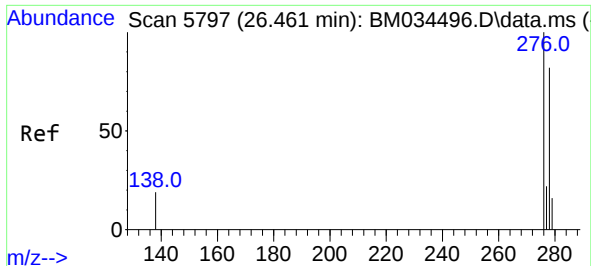
Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.896 ng/ul
RT: 26.381 min Scan# 5773
Delta R.T. -0.030 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

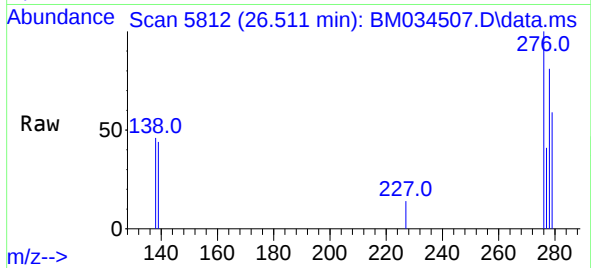
Tgt Ion:276 Resp: 16132
Ion Ratio Lower Upper
276 100
138 22.2 15.8 23.6
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 26.511 min Scan# 5812
Delta R.T. 0.050 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59

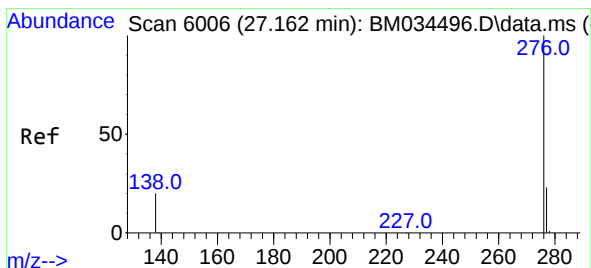
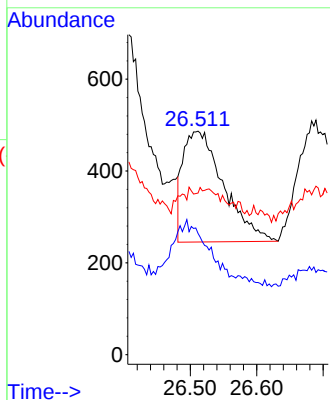
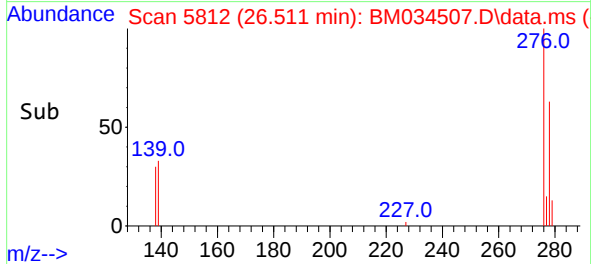
Instrument :
BNA_M
ClientSampleId :
C0R32



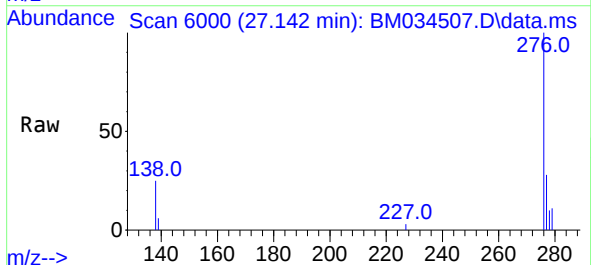
Tgt Ion:278 Resp: 1020
Ion Ratio Lower Upper
278 100
139 54.2 18.0 27.0
279 72.3 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.609 ng/ul
RT: 27.142 min Scan# 6000
Delta R.T. -0.027 min
Lab File: BM034507.D
Acq: 05 Apr 2022 17:59



Tgt Ion:276 Resp: 11879
Ion Ratio Lower Upper
276 100
138 25.0 17.4 26.0
277 28.0 22.6 33.8

