

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034521.D
 Acq On : 06 Apr 2022 18:01
 Operator : CG/JU
 Sample : N2182-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R24

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 01:02:53 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	7.917	152	2325	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.720	136	6164	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.556	164	3331	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	6163	0.400	ng/ul	-0.02
17) Chrysene-d12	21.482	240	4924	0.400	ng/ul	#-0.01
23) Perylene-d12	23.870	264	3210m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	9363	2.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1454	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	3671	0.254	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.770	128	7049	0.366	ng/ul#	90
7) 2-Methylnaphthalene	12.408	142	2473	0.235	ng/ul	100
8) 1-Methylnaphthalene	12.617	142	1565	0.148	ng/ul	99
10) Acenaphthylene	14.274	152	718	0.047	ng/ul#	86
11) Acenaphthene	14.616	153	3111	0.249	ng/ul	94
12) Fluorene	15.601	166	1888	0.147	ng/ul	97
15) Phenanthrene	17.338	178	17945	0.897	ng/ul	94
16) Anthracene	17.426	178	5474	0.360	ng/ul	97
19) Fluoranthene	19.353	202	28698	1.388	ng/ul	98
20) Pyrene	19.711	202	21704	0.899	ng/ul#	95
21) Benzo(a)anthracene	21.464	228	2814m	0.263	ng/ul	
22) Chrysene	21.517	228	8495	0.671	ng/ul	97
24) Benzo(b)fluoranthene	23.145	252	6909m	0.658	ng/ul	
25) Benzo(k)fluoranthene	23.185	252	2380m	0.254	ng/ul	
26) Benzo(a)pyrene	23.761	252	2280	0.186	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	26.386	276	1438	0.097	ng/ul#	57
29) Benzo(g,h,i)perylene	27.157	276	1349	0.084	ng/ul#	54

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

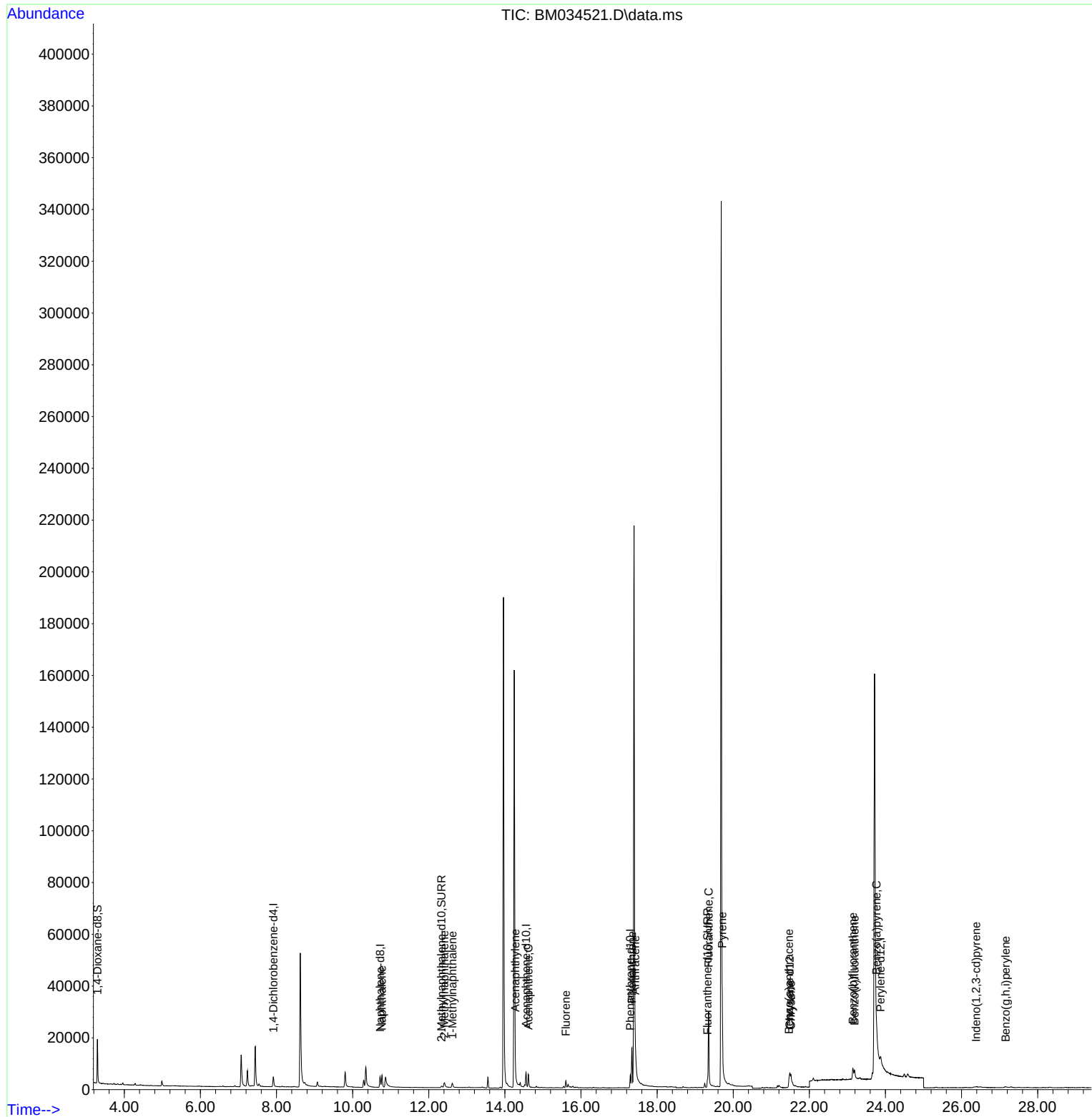
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034521.D
Acq On : 06 Apr 2022 18:01
Operator : CG/JU
Sample : N2182-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

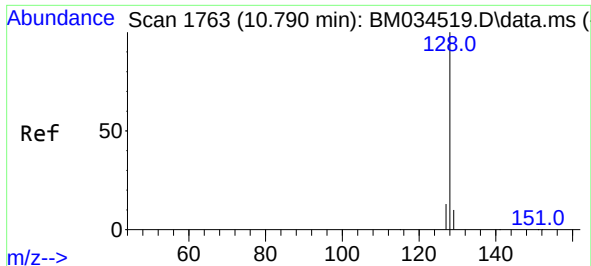
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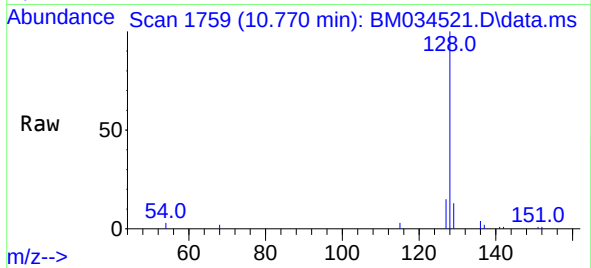
Quant Time: Apr 07 01:02:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.770 min Scan# 1763
Delta R.T. -0.015 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

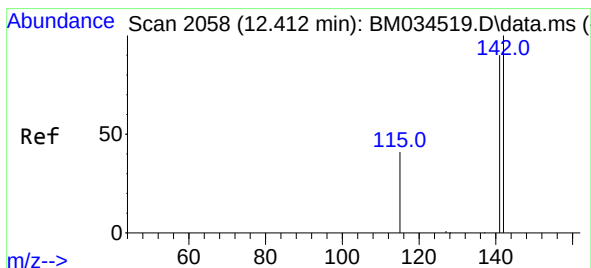
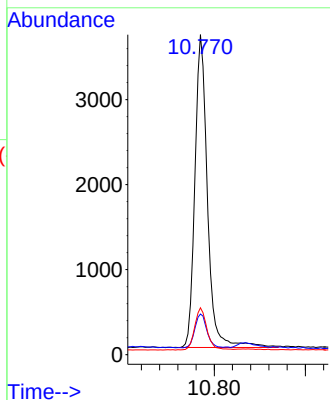
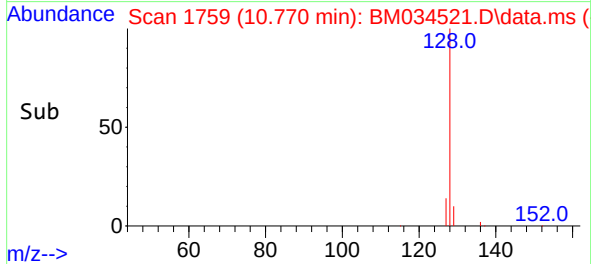
Instrument :
BNA_M
ClientSampleId :
C0R24



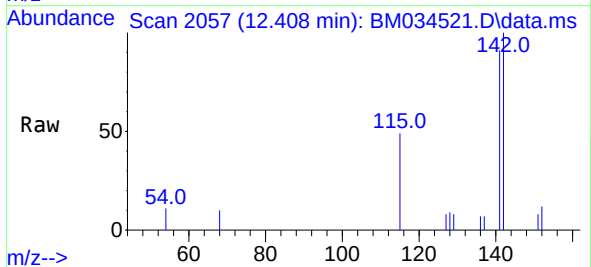
Tgt Ion:128 Resp: 7049
Ion Ratio Lower Upper
128 100
129 12.7 13.4 20.2
127 14.6 15.2 22.8

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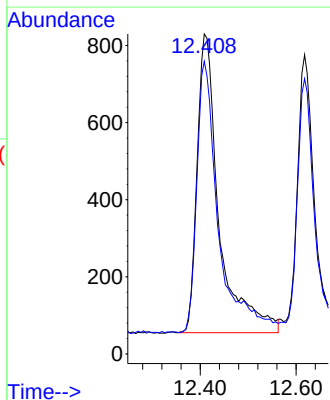
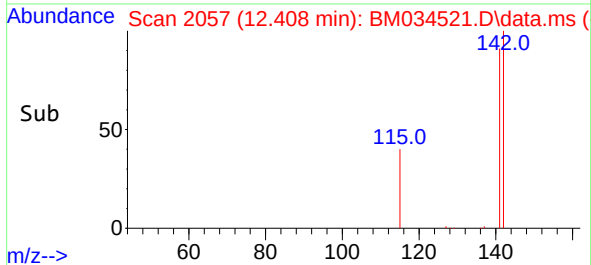
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

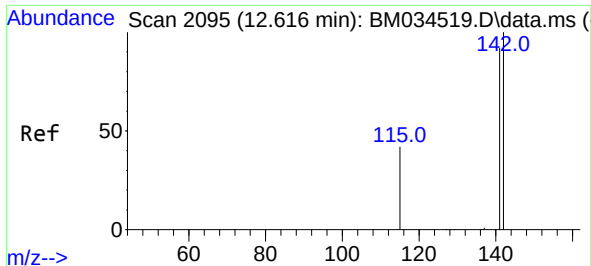


#7
2-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 12.408 min Scan# 2057
Delta R.T. 0.002 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01



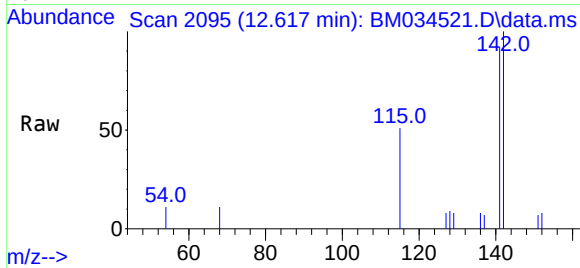
Tgt Ion:142 Resp: 2473
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.617 min Scan# 2095
Delta R.T. 0.002 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

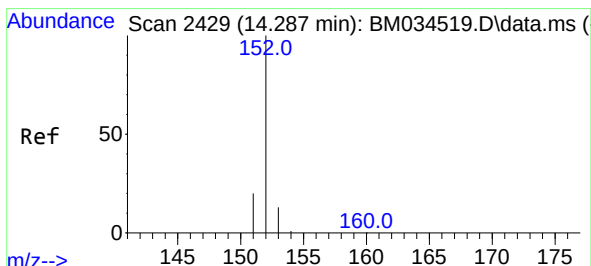
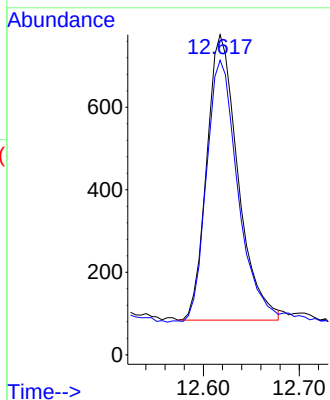
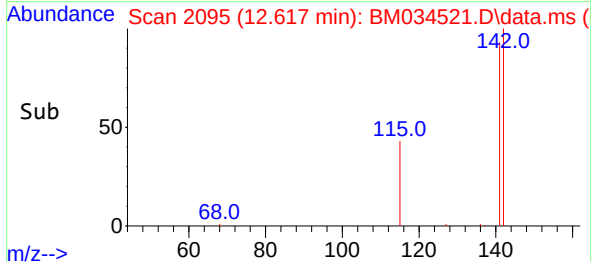
Instrument :
BNA_M
ClientSampleId :
COR24



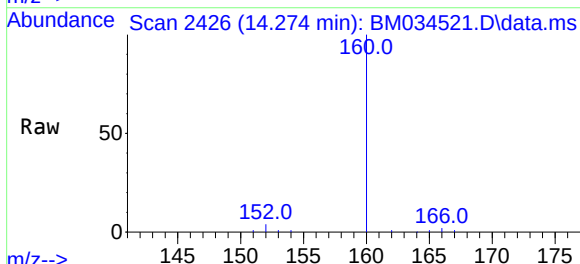
Tgt Ion:142 Resp: 156
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

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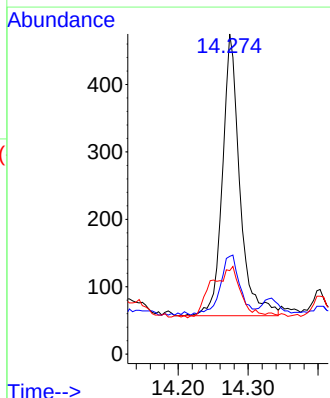
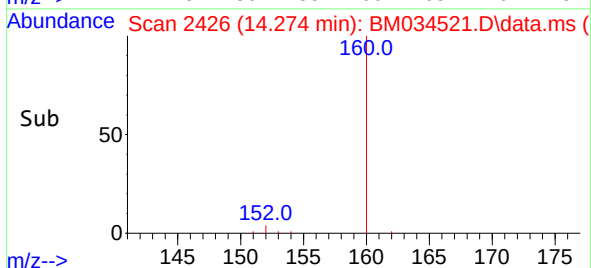
Reviewed By :Jagrut Upadhyay 04/07/2022
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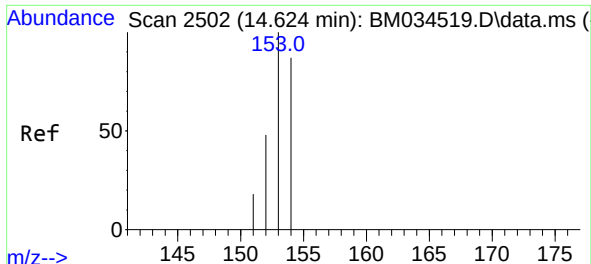


#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.274 min Scan# 2426
Delta R.T. -0.013 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01



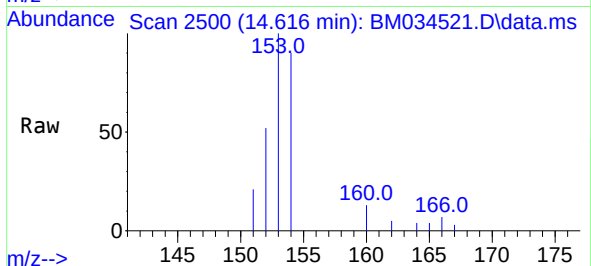
Tgt Ion:152 Resp: 718
Ion Ratio Lower Upper
152 100
151 30.5 19.9 29.9#
153 26.1 15.0 22.4#





#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.616 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

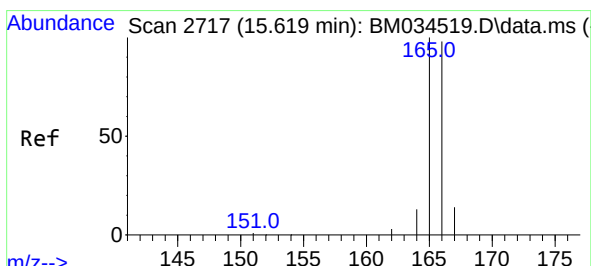
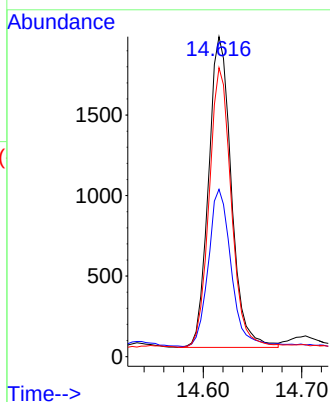
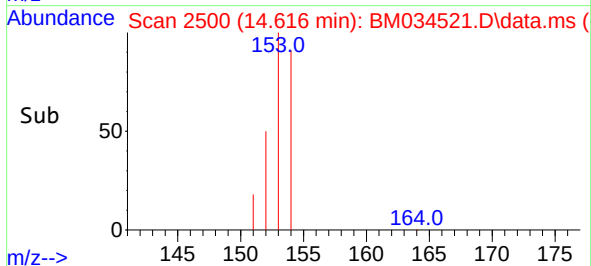
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 311
Ion Ratio Lower Upper
153 100
152 52.3 42.4 63.6
154 90.3 66.2 99.2

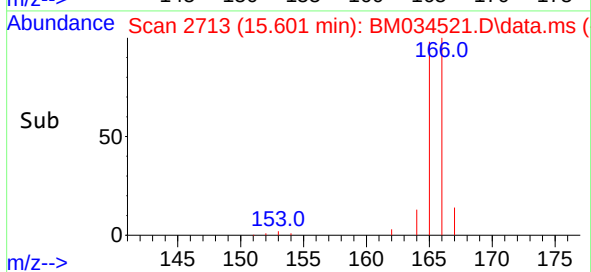
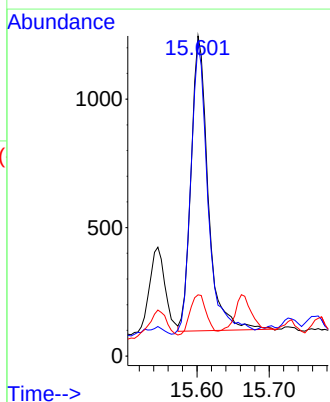
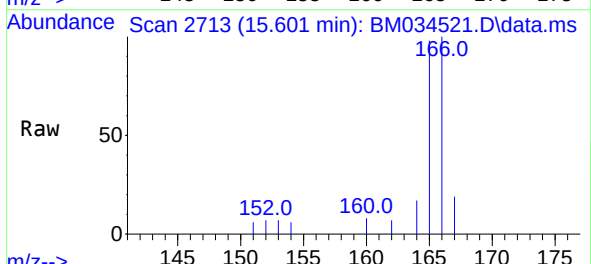
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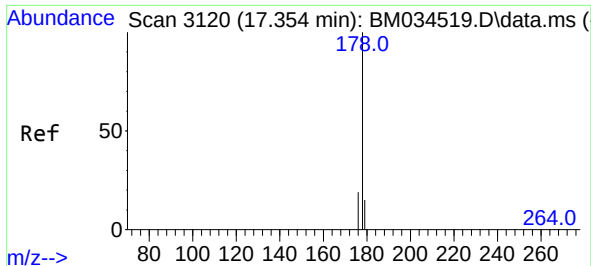
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.601 min Scan# 2713
Delta R.T. -0.018 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

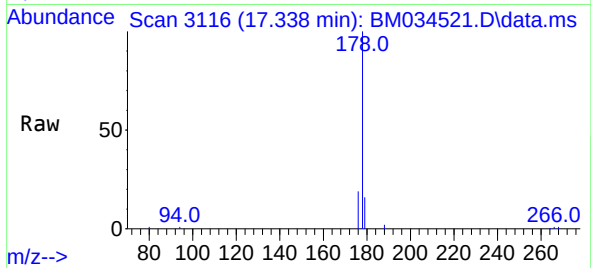
Tgt Ion:166 Resp: 1888
Ion Ratio Lower Upper
166 100
165 97.8 81.1 121.7
167 19.1 14.9 22.3





#15
Phenanthrene
Concen: 0.897 ng/ul
RT: 17.338 min Scan# 3116
Delta R.T. -0.016 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

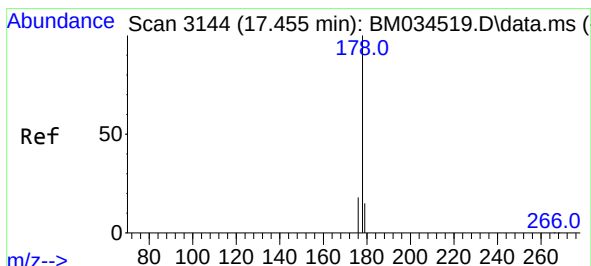
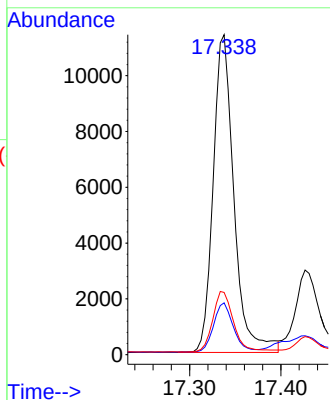
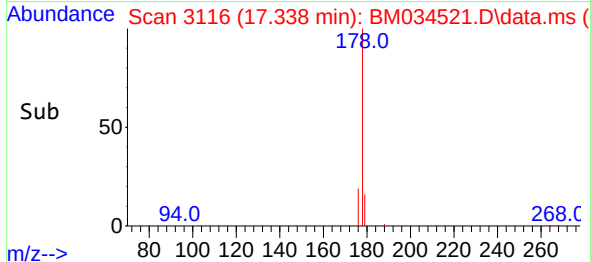
Instrument :
BNA_M
ClientSampleId :
COR24



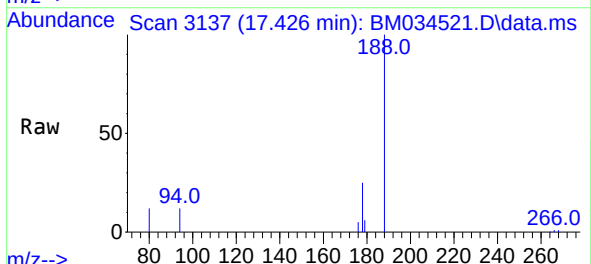
Tgt Ion:178 Resp: 17945
Ion Ratio Lower Upper
178 100
179 16.2 15.0 22.6
176 19.4 17.9 26.9

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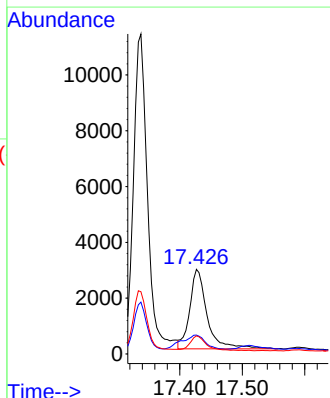
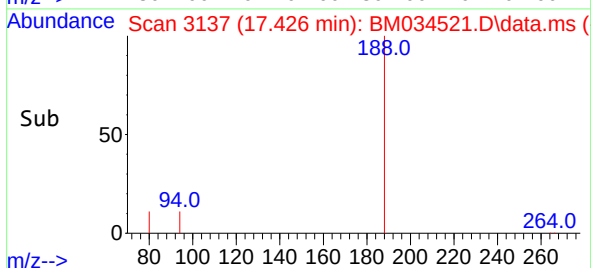
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

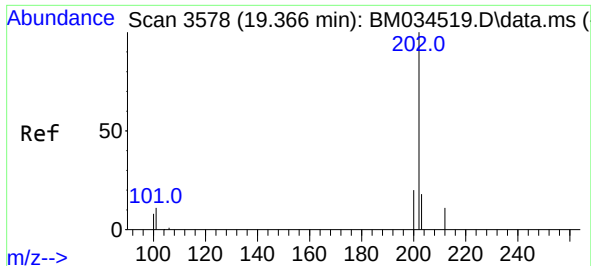


#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.025 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01



Tgt Ion:178 Resp: 5474
Ion Ratio Lower Upper
178 100
179 22.4 16.5 24.7
176 21.4 18.3 27.5





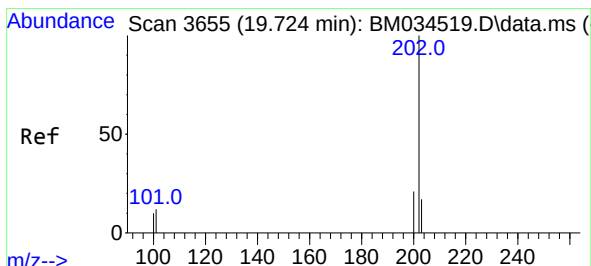
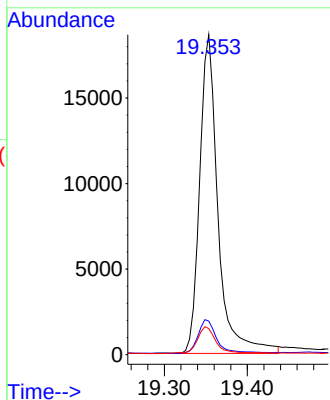
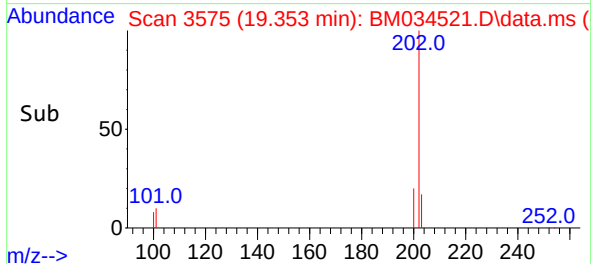
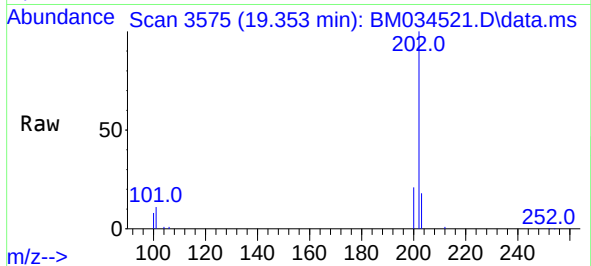
#19
Fluoranthene
Concen: 1.388 ng/u1
RT: 19.353 min Scan# 3575
Delta R.T. -0.013 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

Instrument :
BNA_M
ClientSampleId :
C0R24

Tgt Ion:202 Resp: 28698
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.2 7.2 10.8

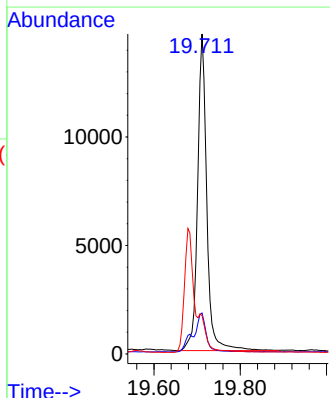
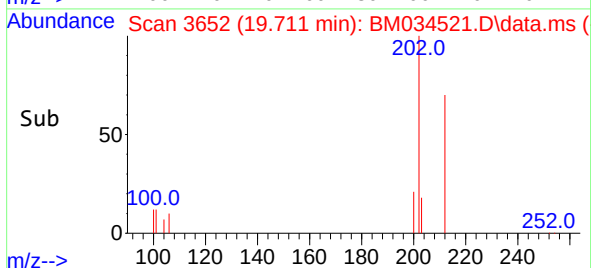
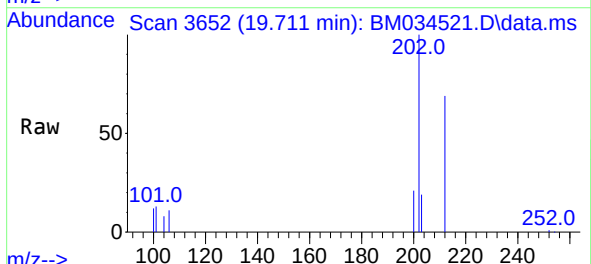
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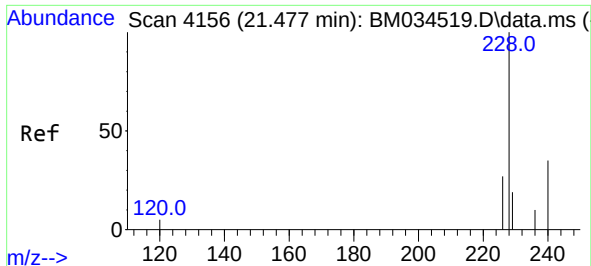
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#20
Pyrene
Concen: 0.899 ng/u1
RT: 19.711 min Scan# 3652
Delta R.T. -0.013 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

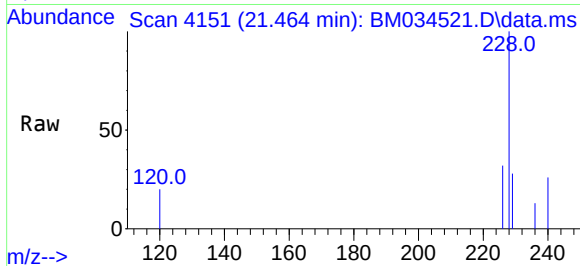
Tgt Ion:202 Resp: 21704
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 12.0 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.263 ng/ul m
RT: 21.464 min Scan# 4151
Delta R.T. -0.016 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

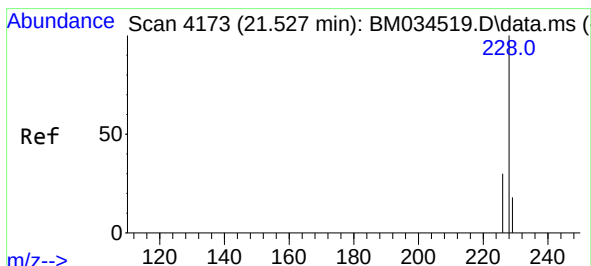
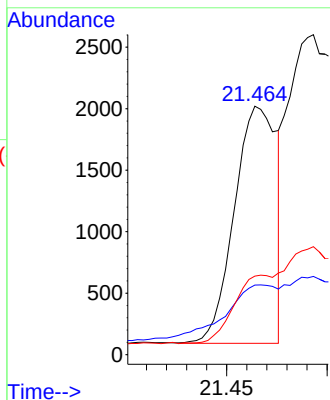
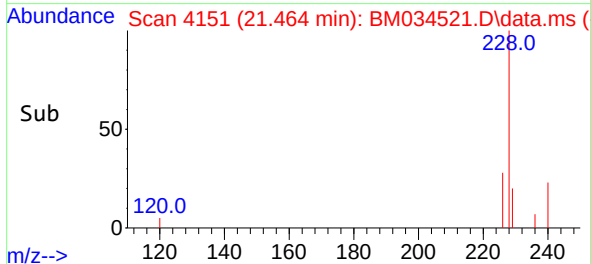
Instrument :
BNA_M
ClientSampleId :
COR24



Tgt Ion:228 Resp: 2814
Ion Ratio Lower Upper
228 100
229 28.0 17.3 25.9
226 31.6 23.2 34.8

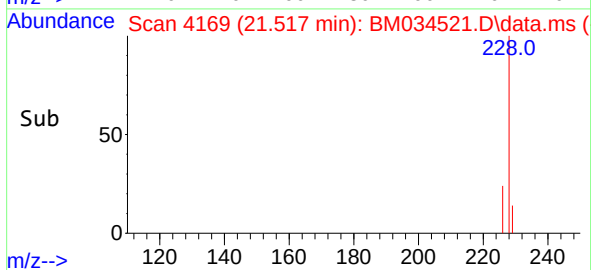
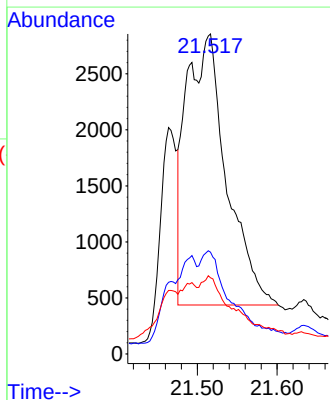
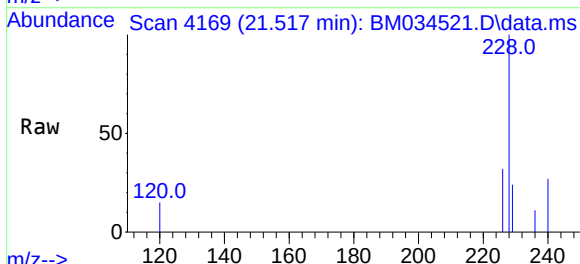
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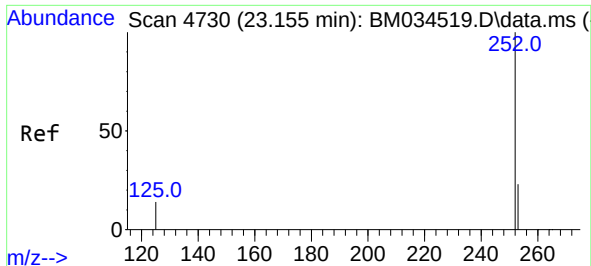
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#22
Chrysene
Concen: 0.671 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.011 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

Tgt Ion:228 Resp: 8495
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 23.8 16.7 25.1





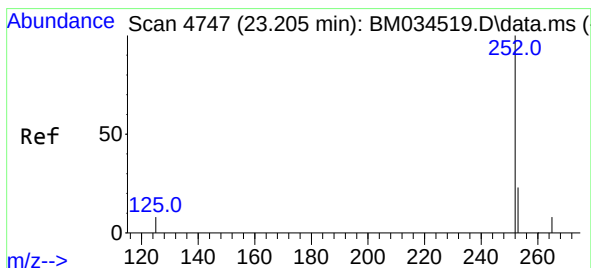
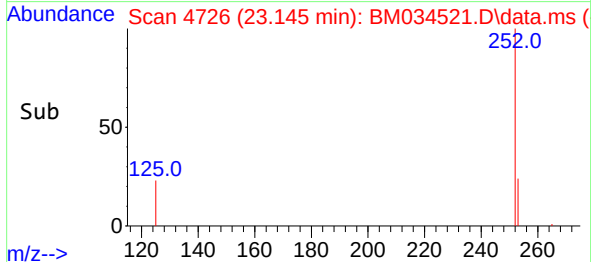
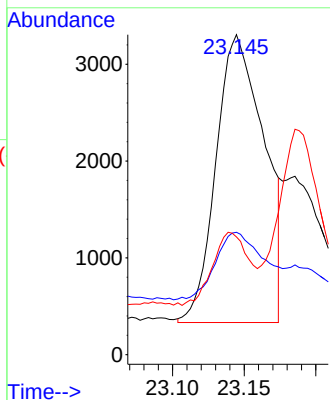
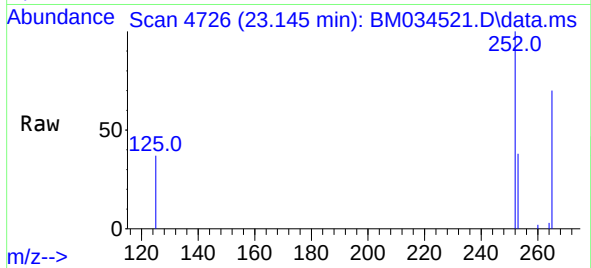
#24
Benzo(b)fluoranthene
Concen: 0.658 ng/ul m
RT: 23.145 min Scan# 4726
Delta R.T. -0.016 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

Instrument :
BNA_M
ClientSampleId :
COR24

Tgt Ion:252 Resp: 6909
Ion Ratio Lower Upper
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253 38.3 0.0 64.2
125 36.8 0.0 28.8

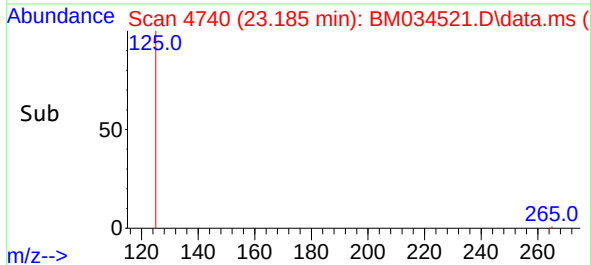
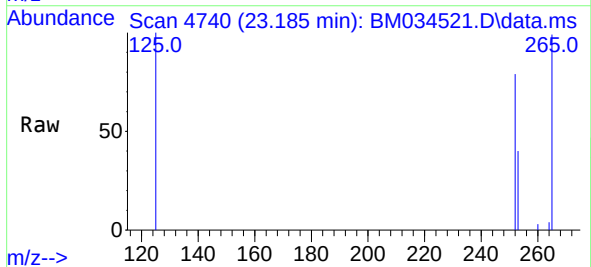
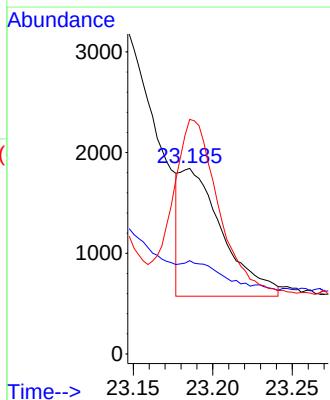
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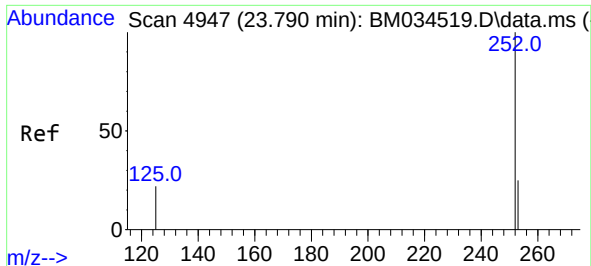
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#25
Benzo(k)fluoranthene
Concen: 0.254 ng/ul m
RT: 23.185 min Scan# 4740
Delta R.T. -0.026 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

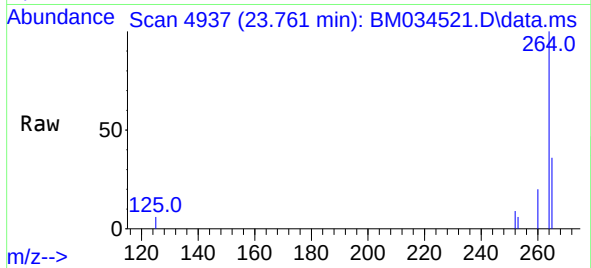
Tgt Ion:252 Resp: 2380
Ion Ratio Lower Upper
252 100
253 50.3 26.8 40.2#
125 126.3 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.186 ng/u1
RT: 23.761 min Scan# 4947
Delta R.T. -0.034 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

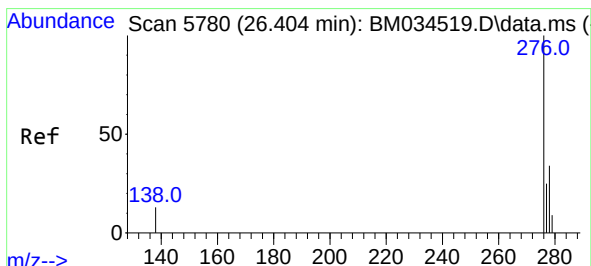
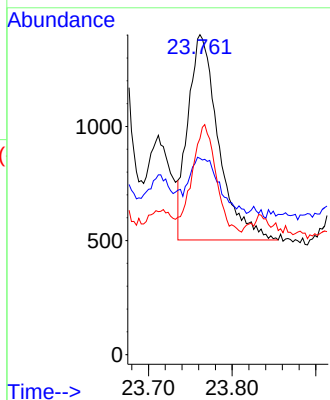
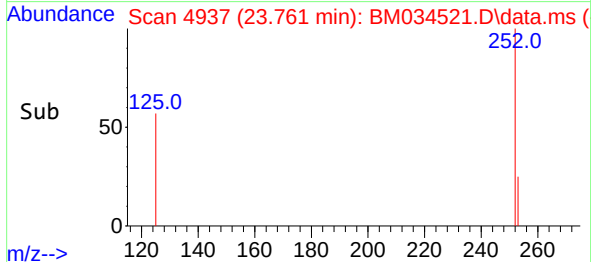
Instrument :
BNA_M
ClientSampleId :
C0R24



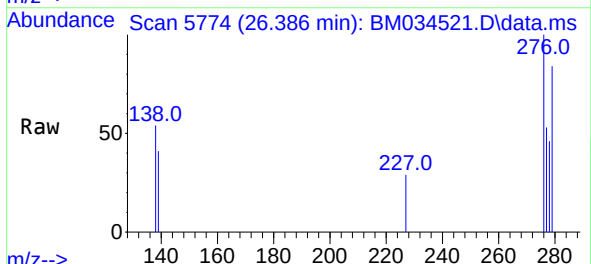
Tgt Ion:252 Resp: 2280
Ion Ratio Lower Upper
252 100
253 61.3 32.0 48.0#
125 67.5 14.5 21.7#

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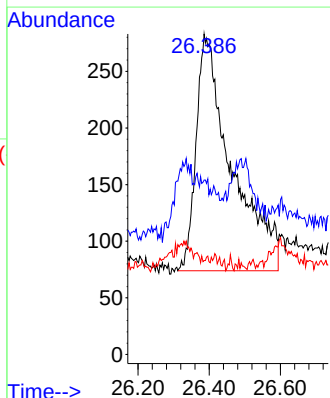
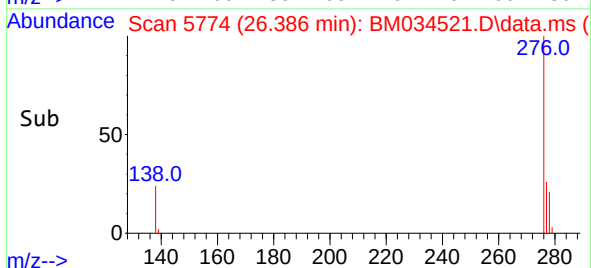
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

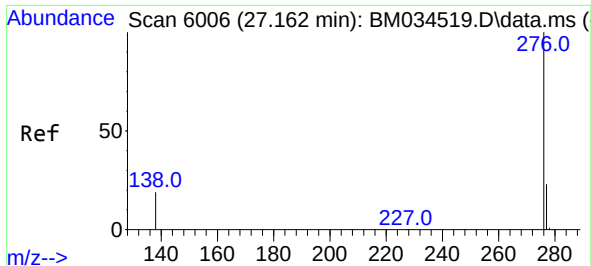


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/u1
RT: 26.386 min Scan# 5774
Delta R.T. -0.025 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01



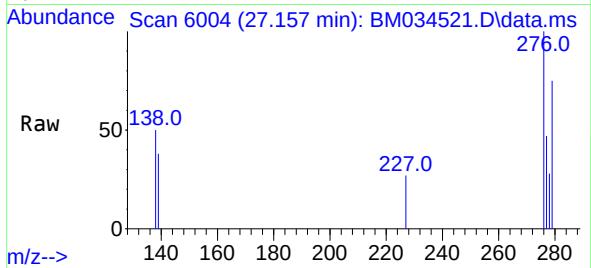
Tgt Ion:276 Resp: 1438
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 27.157 min Scan# 6004
Delta R.T. -0.012 min
Lab File: BM034521.D
Acq: 06 Apr 2022 18:01

Instrument :
BNA_M
ClientSampleId :
C0R24



Tgt Ion: 276 Resp: 1349
Ion Ratio Lower Upper
276 100
138 49.7 17.4 26.0
277 47.4 22.6 33.8

Manual Integrations
APPROVED

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

