

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034535.D
 Acq On : 07 Apr 2022 02:29
 Operator : CG/JU
 Sample : N2182-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R16

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 03:46:52 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	3403	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.720	136	9087	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.551	164	4726	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.296	188	8947	0.400	ng/ul	-0.02
17) Chrysene-d12	21.473	240	7653	0.400	ng/ul	#-0.02
23) Perylene-d12	23.867	264	5807m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	8260	1.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	1710	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.321	212	4442	0.198	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	7751	0.273	ng/ul#	89
7) 2-Methylnaphthalene	12.397	142	3801	0.245	ng/ul	99
8) 1-Methylnaphthalene	12.606	142	2802	0.180	ng/ul	100
10) Acenaphthylene	14.274	152	1950	0.089	ng/ul	97
11) Acenaphthene	14.616	153	2084	0.118	ng/ul	97
12) Fluorene	15.601	166	1582	0.087	ng/ul#	96
15) Phenanthrene	17.334	178	26347	0.907	ng/ul	94
16) Anthracene	17.426	178	7807	0.354	ng/ul	96
19) Fluoranthene	19.349	202	49188	1.531	ng/ul	100
20) Pyrene	19.707	202	37218	0.991	ng/ul#	93
21) Benzo(a)anthracene	21.455	228	7039	0.423	ng/ul	95
22) Chrysene	21.508	228	18876	0.959	ng/ul	97
24) Benzo(b)fluoranthene	23.136	252	20803	1.095	ng/ul#	86
25) Benzo(k)fluoranthene	23.177	252	6817m	0.402	ng/ul	
26) Benzo(a)pyrene	23.756	252	6588	0.297	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.369	276	5809	0.218	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.369	278	951	0.049	ng/ul#	1
29) Benzo(g,h,i)perylene	27.134	276	5046m	0.175	ng/ul	

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

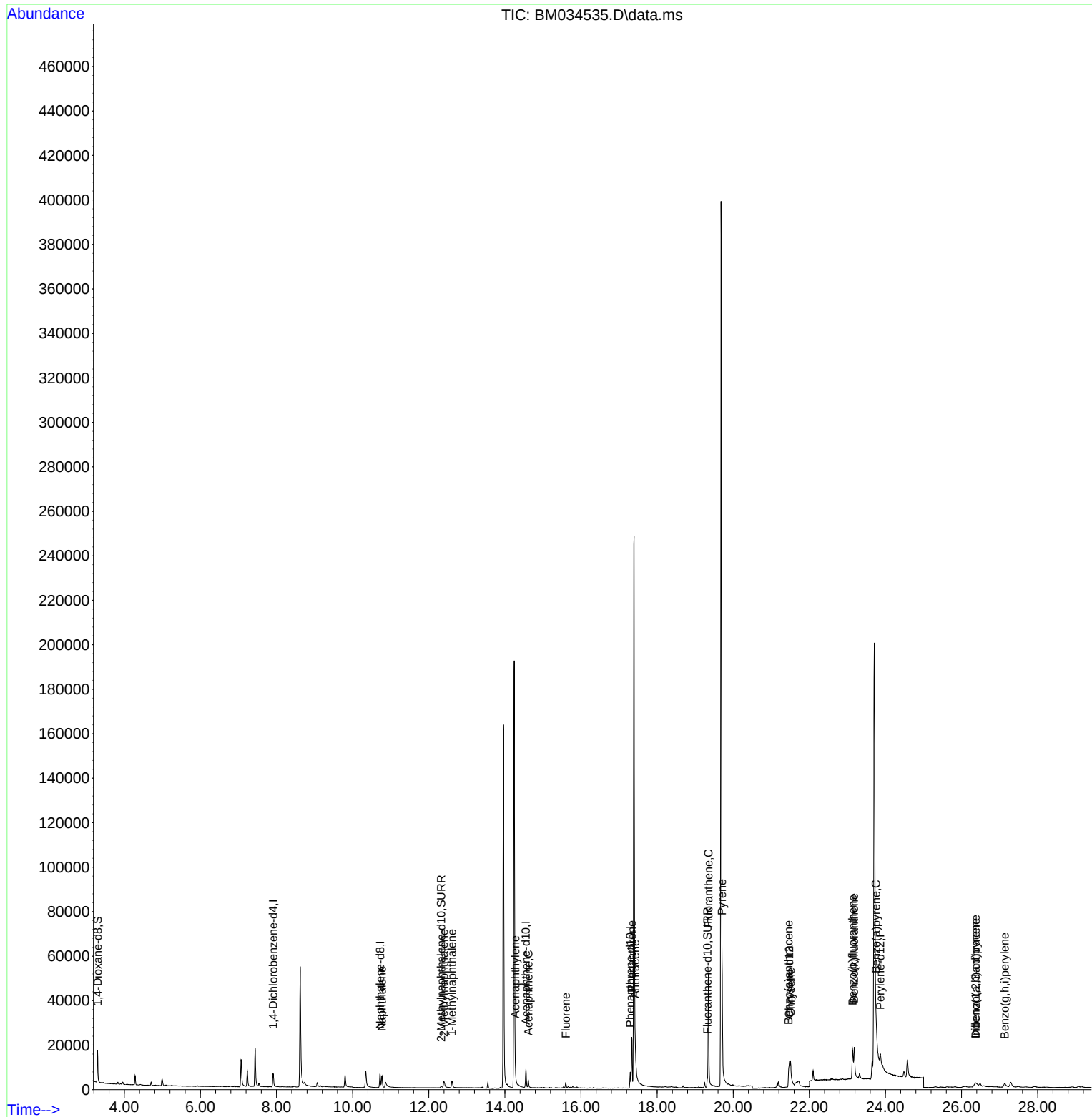
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034535.D
Acq On : 07 Apr 2022 02:29
Operator : CG/JU
Sample : N2182-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

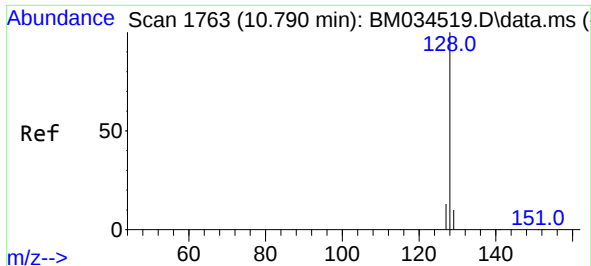
Instrument :
BNA_M
ClientSampleId :
C0R16

Manual Integrations
APPROVED

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

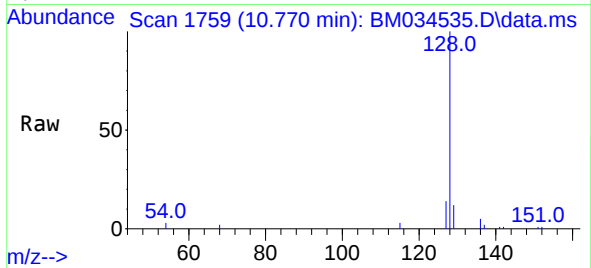
Quant Time: Apr 07 03:46:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.273 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.015 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

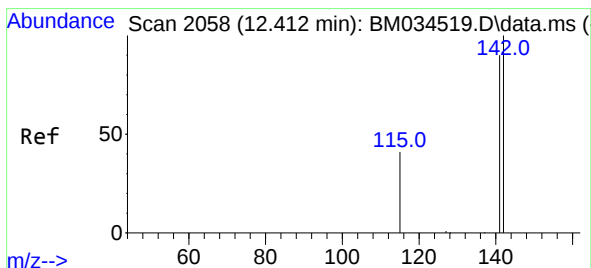
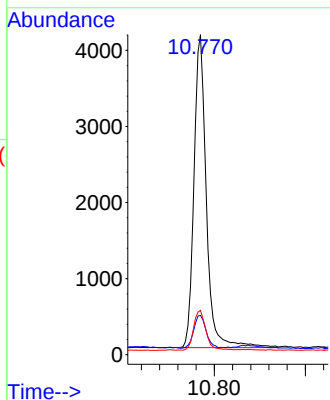
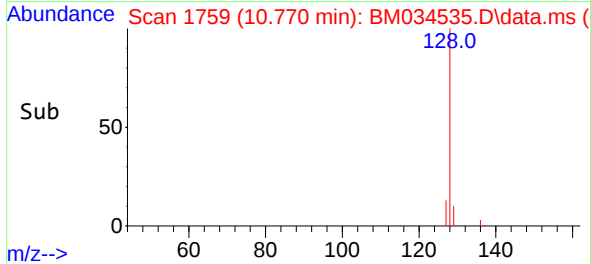
Instrument :
BNA_M
ClientSampleId :
C0R16



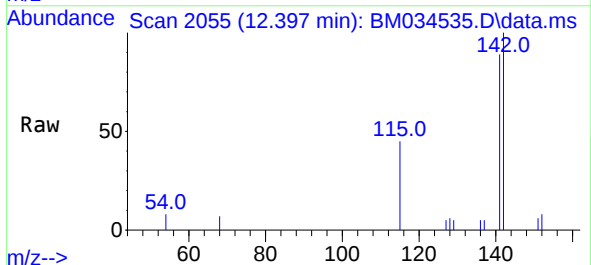
Tgt Ion:128 Resp: 775
Ion Ratio Lower Upper
128 100
129 12.2 13.4 20.2
127 13.8 15.2 22.8

Manual Integrations
APPROVED

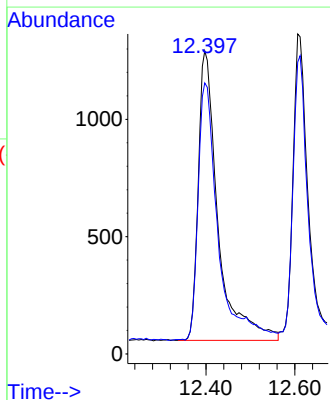
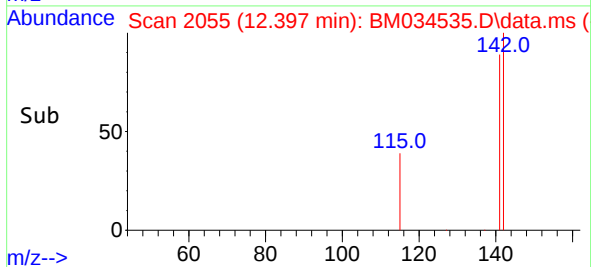
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

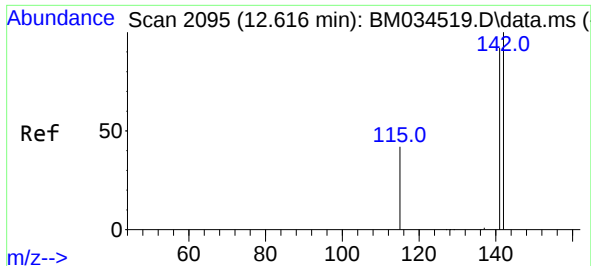


#7
2-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.397 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



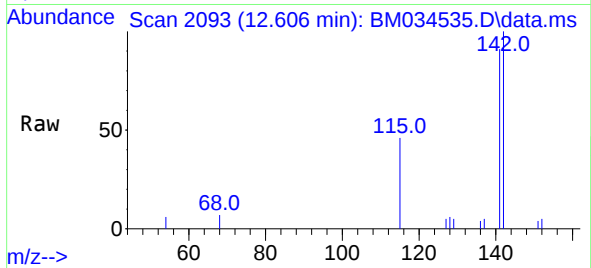
Tgt Ion:142 Resp: 3801
Ion Ratio Lower Upper
142 100
141 90.9 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 12.606 min Scan# 2093
Delta R.T. -0.009 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

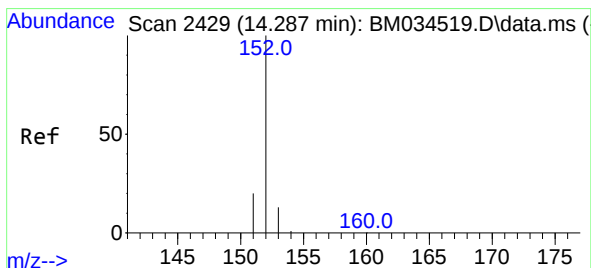
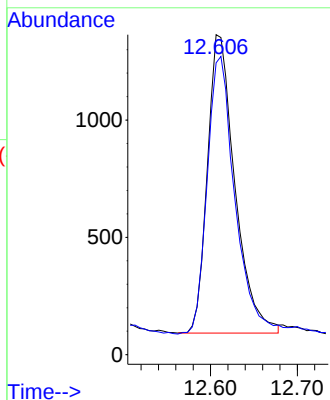
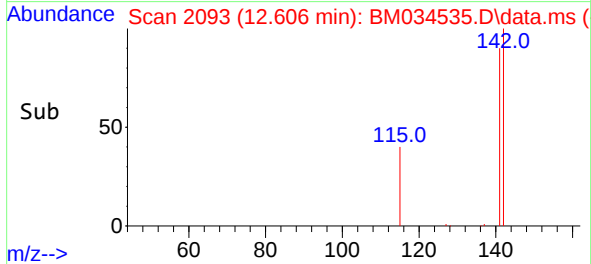
Instrument :
BNA_M
ClientSampleId :
C0R16



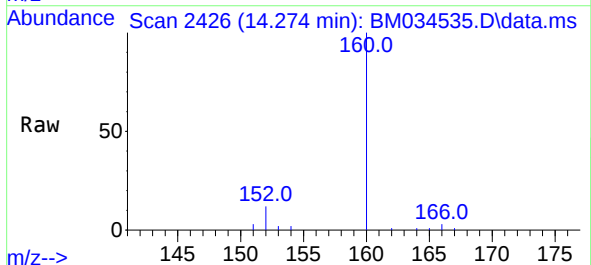
Tgt Ion:142 Resp: 280
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

Manual Integrations
APPROVED

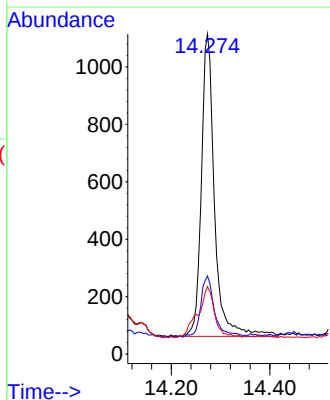
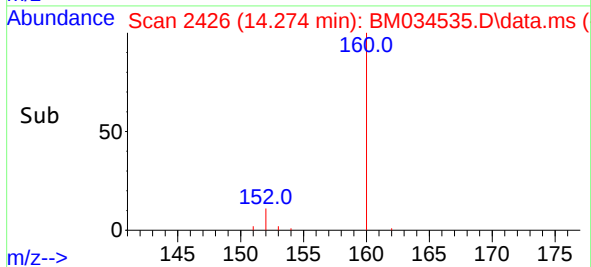
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

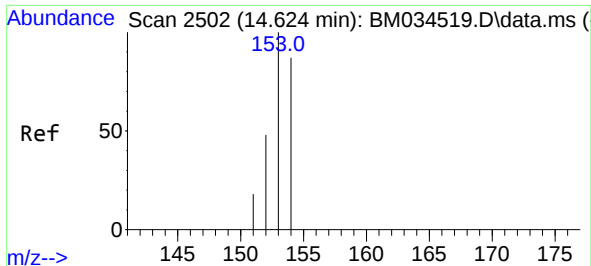


#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.274 min Scan# 2426
Delta R.T. -0.013 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



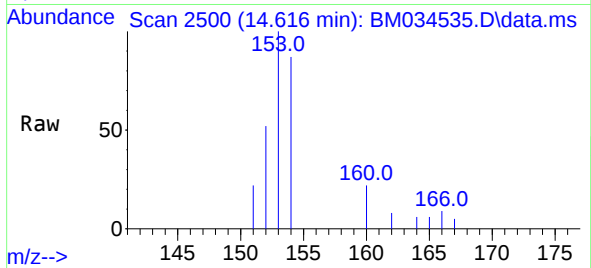
Tgt Ion:152 Resp: 1950
Ion Ratio Lower Upper
152 100
151 24.4 19.9 29.9
153 21.1 15.0 22.4





#11
Acenaphthene
Concen: 0.118 ng/u1
RT: 14.616 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

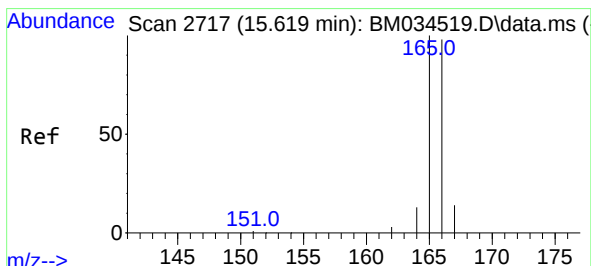
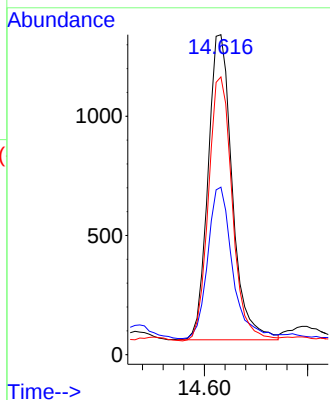
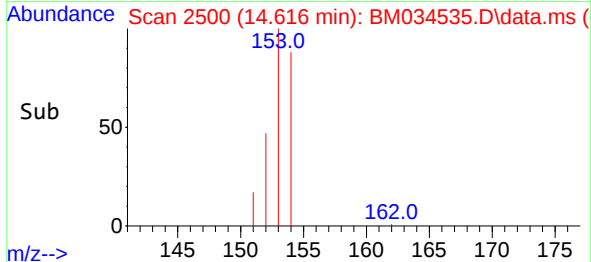
Instrument :
BNA_M
ClientSampleId :
COR16



Tgt Ion:153 Resp: 2084
Ion Ratio Lower Upper
153 100
152 52.4 42.4 63.6
154 86.8 66.2 99.2

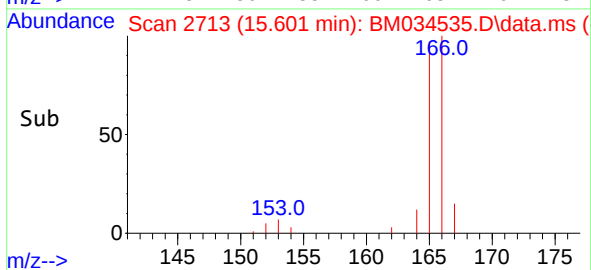
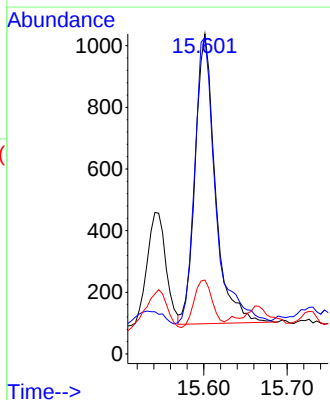
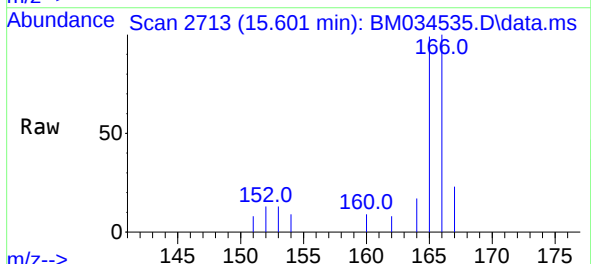
Manual Integrations
APPROVED

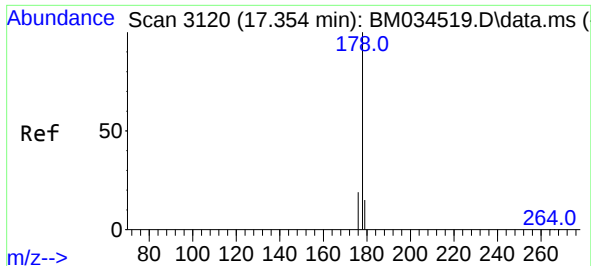
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#12
Fluorene
Concen: 0.087 ng/u1
RT: 15.601 min Scan# 2713
Delta R.T. -0.018 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

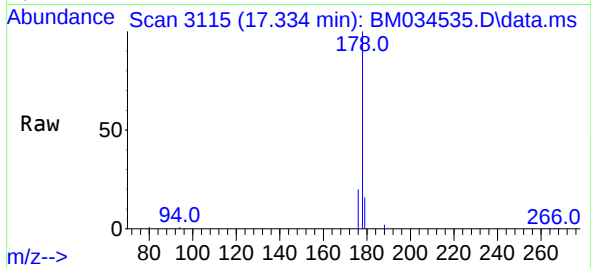
Tgt Ion:166 Resp: 1582
Ion Ratio Lower Upper
166 100
165 98.9 81.1 121.7
167 23.1 14.9 22.3#





#15
Phenanthrene
Concen: 0.907 ng/u1
RT: 17.334 min Scan# 3115
Delta R.T. -0.020 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

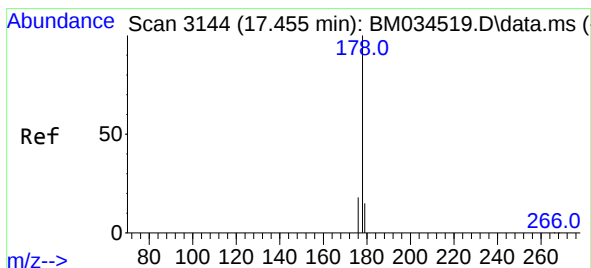
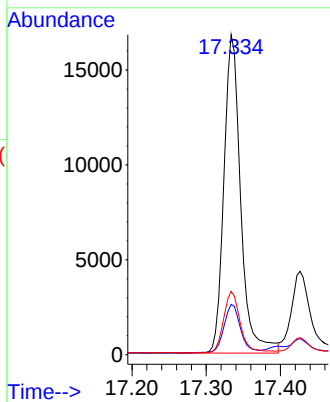
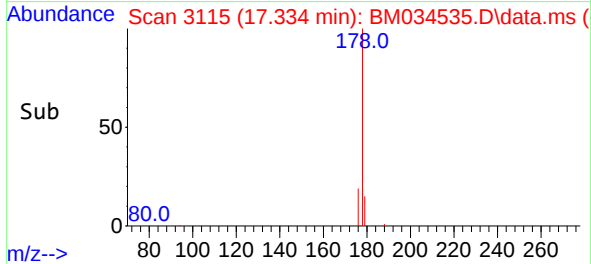
Instrument :
BNA_M
ClientSampleId :
COR16



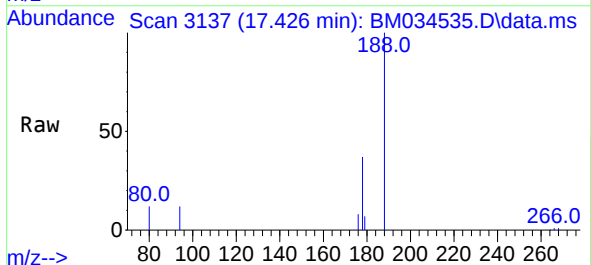
Tgt Ion:178 Resp: 2634
Ion Ratio Lower Upper
178 100
179 15.7 15.0 22.6
176 19.8 17.9 26.9

Manual Integrations
APPROVED

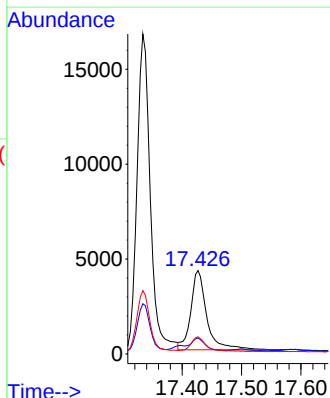
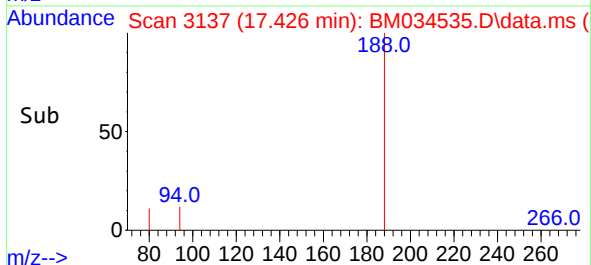
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

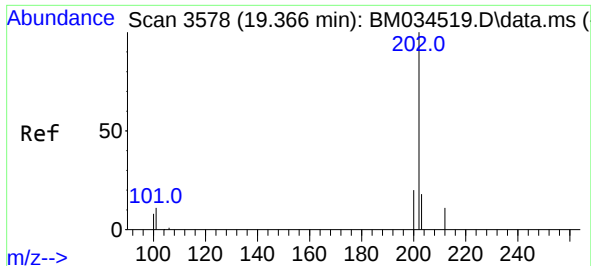


#16
Anthracene
Concen: 0.354 ng/u1
RT: 17.426 min Scan# 3137
Delta R.T. -0.025 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



Tgt Ion:178 Resp: 7807
Ion Ratio Lower Upper
178 100
179 19.2 16.5 24.7
176 20.5 18.3 27.5





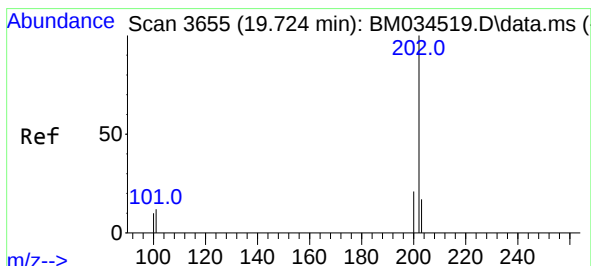
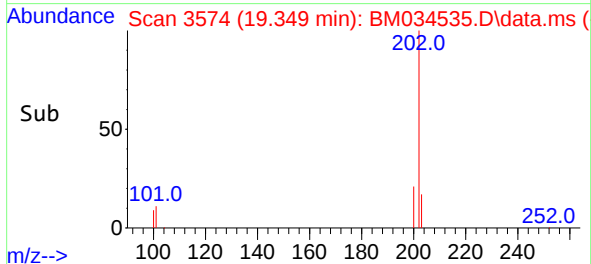
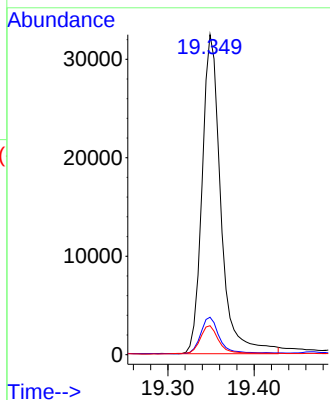
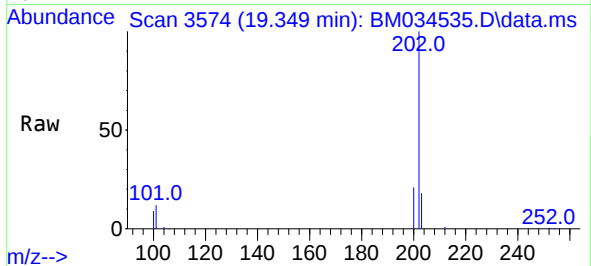
#19
Fluoranthene
Concen: 1.531 ng/u1
RT: 19.349 min Scan# 3574
Delta R.T. -0.017 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

Instrument :
BNA_M
ClientSampleId :
C0R16

Tgt Ion:202 Resp: 4918
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 9.1 7.2 10.8

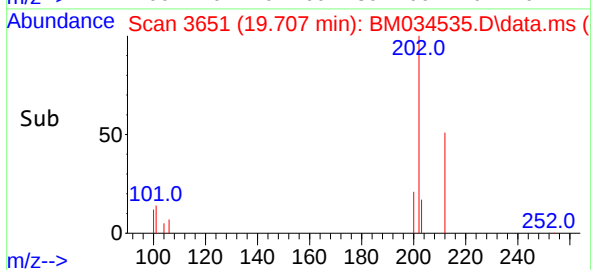
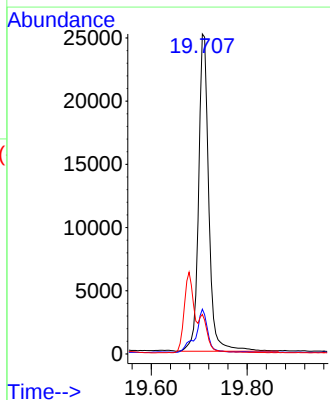
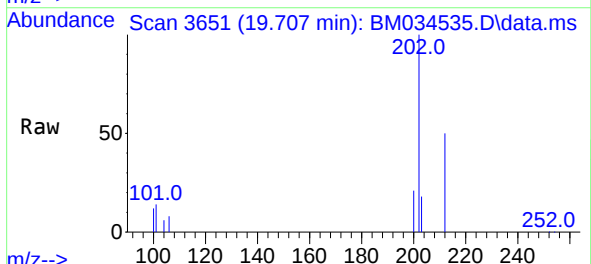
Manual Integrations
APPROVED

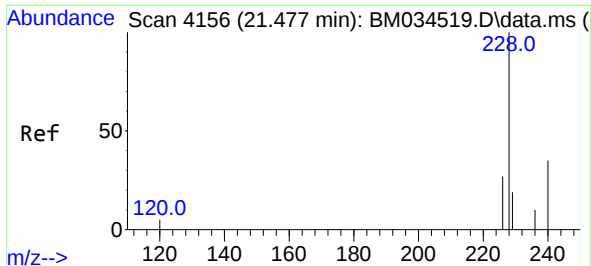
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#20
Pyrene
Concen: 0.991 ng/u1
RT: 19.707 min Scan# 3651
Delta R.T. -0.018 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

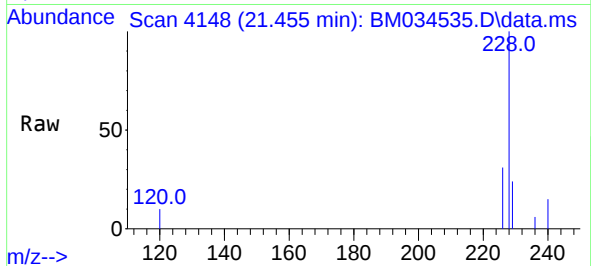
Tgt Ion:202 Resp: 37218
Ion Ratio Lower Upper
202 100
101 14.0 9.3 13.9#
100 12.4 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.423 ng/u1
RT: 21.455 min Scan# 4156
Delta R.T. -0.025 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

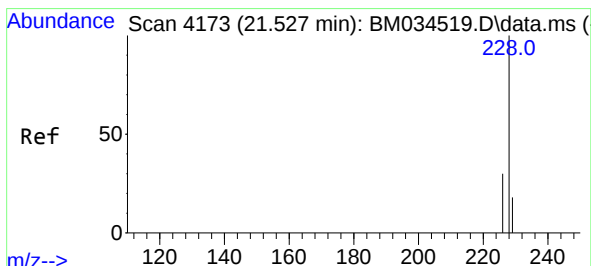
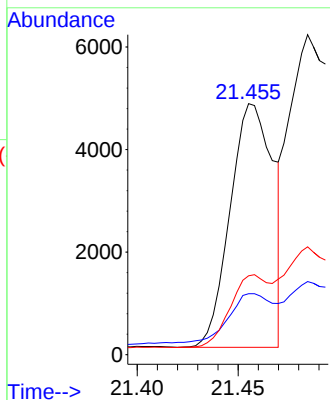
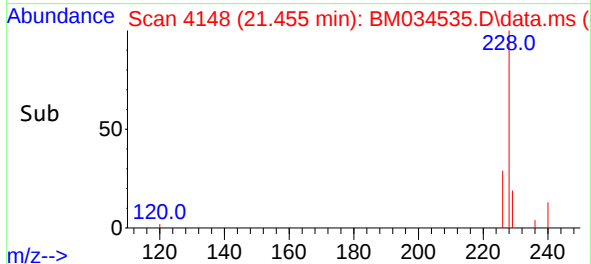
Instrument :
BNA_M
ClientSampleId :
C0R16



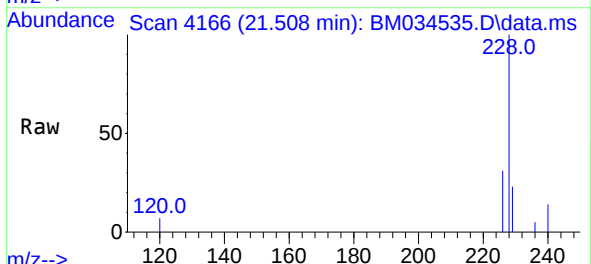
Tgt Ion:228 Resp: 7039
Ion Ratio Lower Upper
228 100
229 24.3 17.3 25.9
226 31.4 23.2 34.8

Manual Integrations
APPROVED

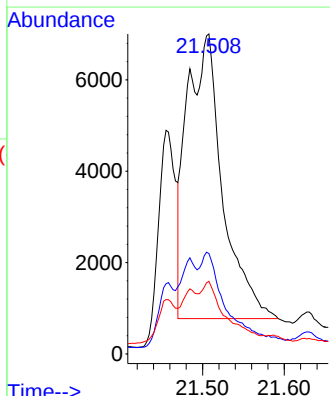
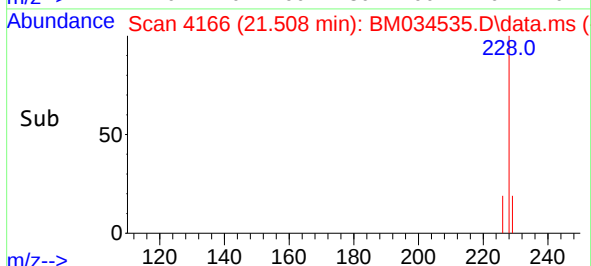
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

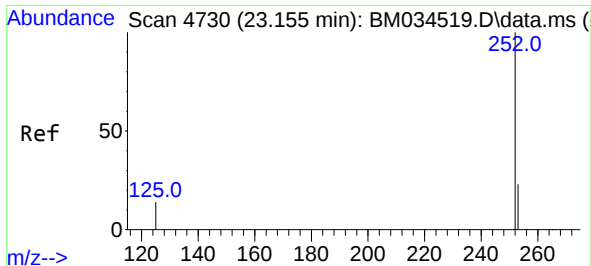


#22
Chrysene
Concen: 0.959 ng/u1
RT: 21.508 min Scan# 4166
Delta R.T. -0.019 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



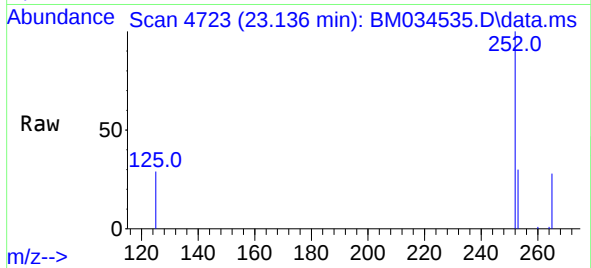
Tgt Ion:228 Resp: 18876
Ion Ratio Lower Upper
228 100
226 31.4 25.8 38.8
229 22.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.095 ng/ul
RT: 23.136 min Scan# 4723
Delta R.T. -0.025 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

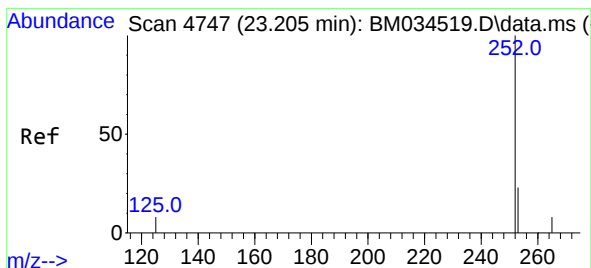
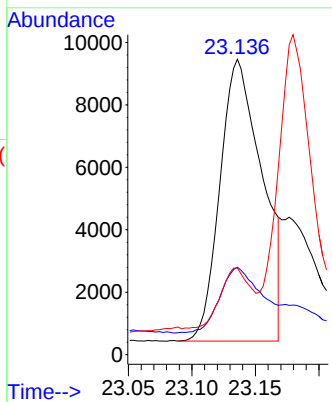
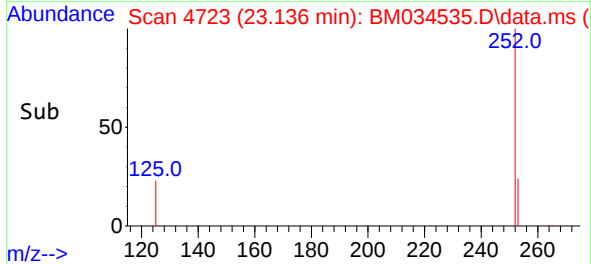
Instrument :
BNA_M
ClientSampleId :
C0R16



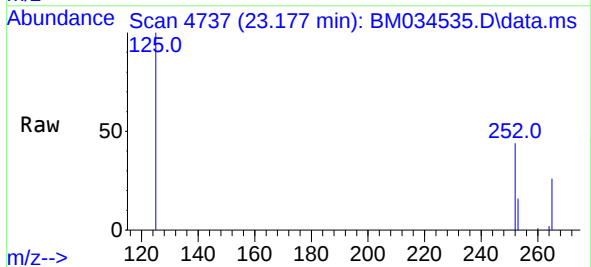
Tgt Ion:252 Resp: 2080
Ion Ratio Lower Upper
252 100
253 29.6 0.0 64.2
125 29.3 0.0 28.8

Manual Integrations
APPROVED

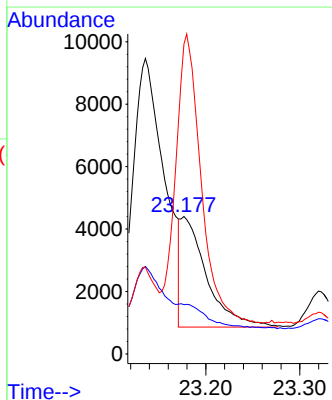
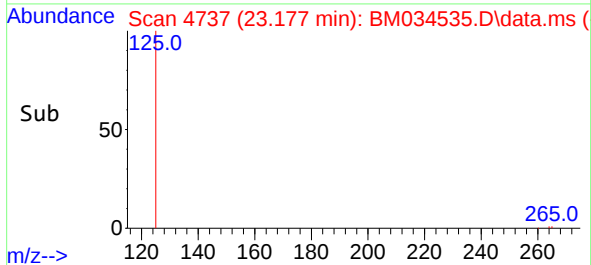
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

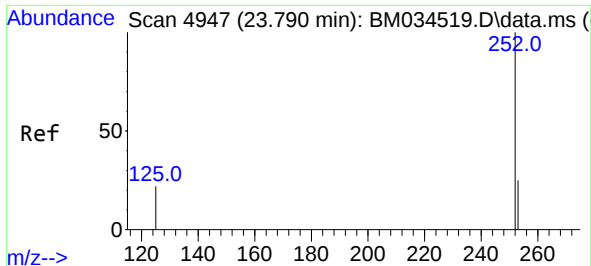


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul m
RT: 23.177 min Scan# 4737
Delta R.T. -0.034 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



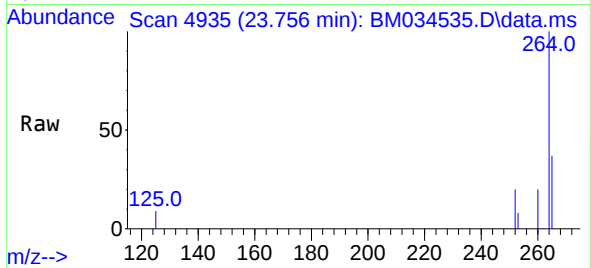
Tgt Ion:252 Resp: 6817
Ion Ratio Lower Upper
252 100
253 35.8 26.8 40.2
125 225.5 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.756 min Scan# 4935
Delta R.T. -0.040 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

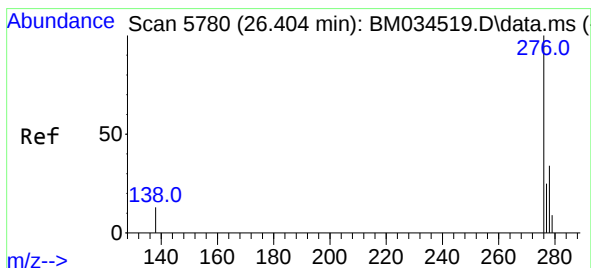
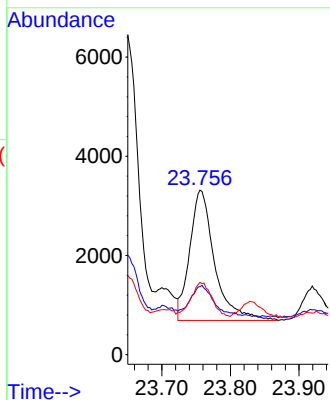
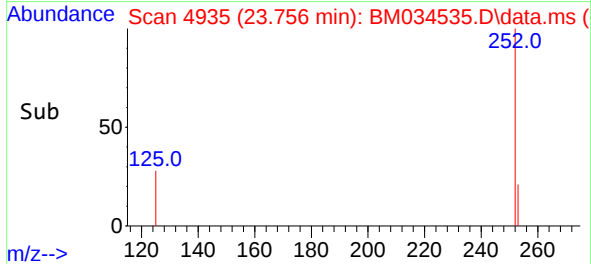
Instrument :
BNA_M
ClientSampleId :
C0R16



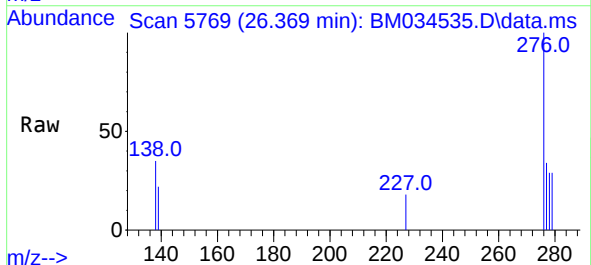
Tgt Ion:252 Resp: 6588
Ion Ratio Lower Upper
252 100
253 41.4 32.0 48.0
125 44.0 14.5 21.7

Manual Integrations
APPROVED

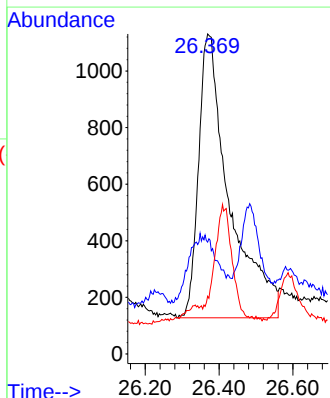
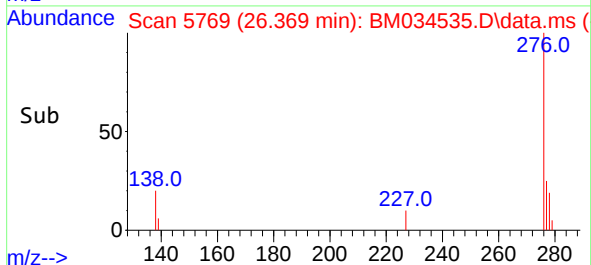
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

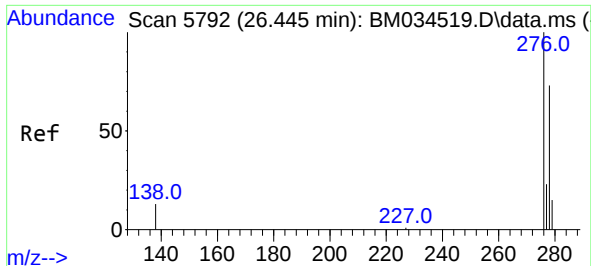


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.218 ng/ul
RT: 26.369 min Scan# 5769
Delta R.T. -0.042 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



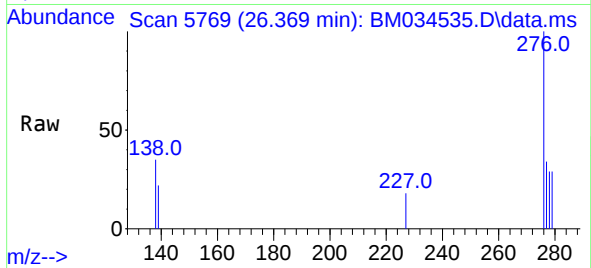
Tgt Ion:276 Resp: 5809
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.369 min Scan# 51
Delta R.T. -0.092 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29

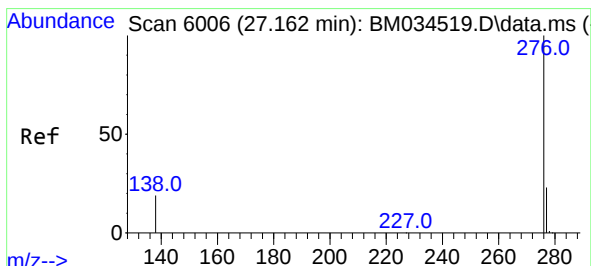
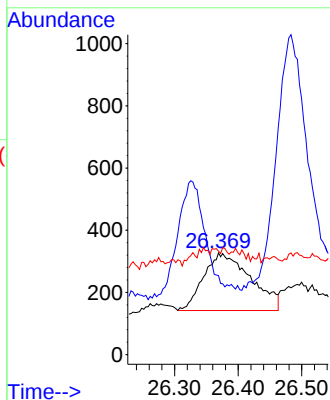
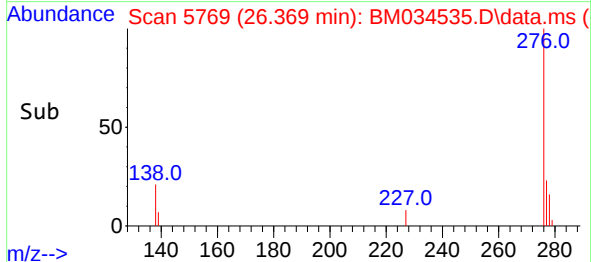
Instrument :
BNA_M
ClientSampleId :
COR16



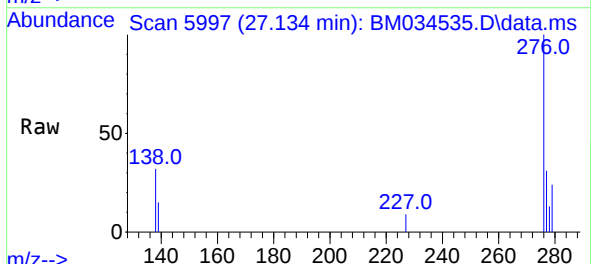
Tgt Ion:278 Resp: 95
Ion Ratio Lower Upper
278 100
139 77.7 18.0 27.0
279 101.8 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul m
RT: 27.134 min Scan# 5997
Delta R.T. -0.035 min
Lab File: BM034535.D
Acq: 07 Apr 2022 02:29



Tgt Ion:276 Resp: 5046
Ion Ratio Lower Upper
276 100
138 31.9 17.4 26.0
277 31.5 22.6 33.8

