

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034822.D
 Acq On : 26 Apr 2022 05:34
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 06:47:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	7121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	17931	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	9291	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16672	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	12885	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	17478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	22619	2.872	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	5547	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	10241	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	11388	0.222	ng/ul#	89
7) 2-Methylnaphthalene	12.404	142	6103	0.179	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	6919	0.207	ng/ul	100
10) Acenaphthylene	14.288	152	43418	1.069	ng/ul#	90
11) Acenaphthene	14.630	153	14398	0.419	ng/ul	96
12) Fluorene	15.616	166	26624	0.688	ng/ul	96
15) Phenanthrene	17.351	178	672576	12.203	ng/ul	93
16) Anthracene	17.444	178	101075	2.058	ng/ul#	91
19) Fluoranthene	19.363	202	2049033	33.125	ng/ul	98
20) Pyrene	19.726	202	1780750	28.664	ng/ul	99
21) Benzo(a)anthracene	21.471	228	897795	17.910	ng/ul	99
22) Chrysene	21.523	228	1359576	25.439	ng/ul	98
24) Benzo(b)fluoranthene	23.157	252	2368510	29.680	ng/ul	86
25) Benzo(k)fluoranthene	23.201	252	842280m	10.563	ng/ul	
26) Benzo(a)pyrene	23.777	252	1454222	22.330	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.366	276	1522932	16.658	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.376	278	335245m	4.506	ng/ul	
29) Benzo(g,h,i)perylene	27.131	276	1352614	17.138	ng/ul	94

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

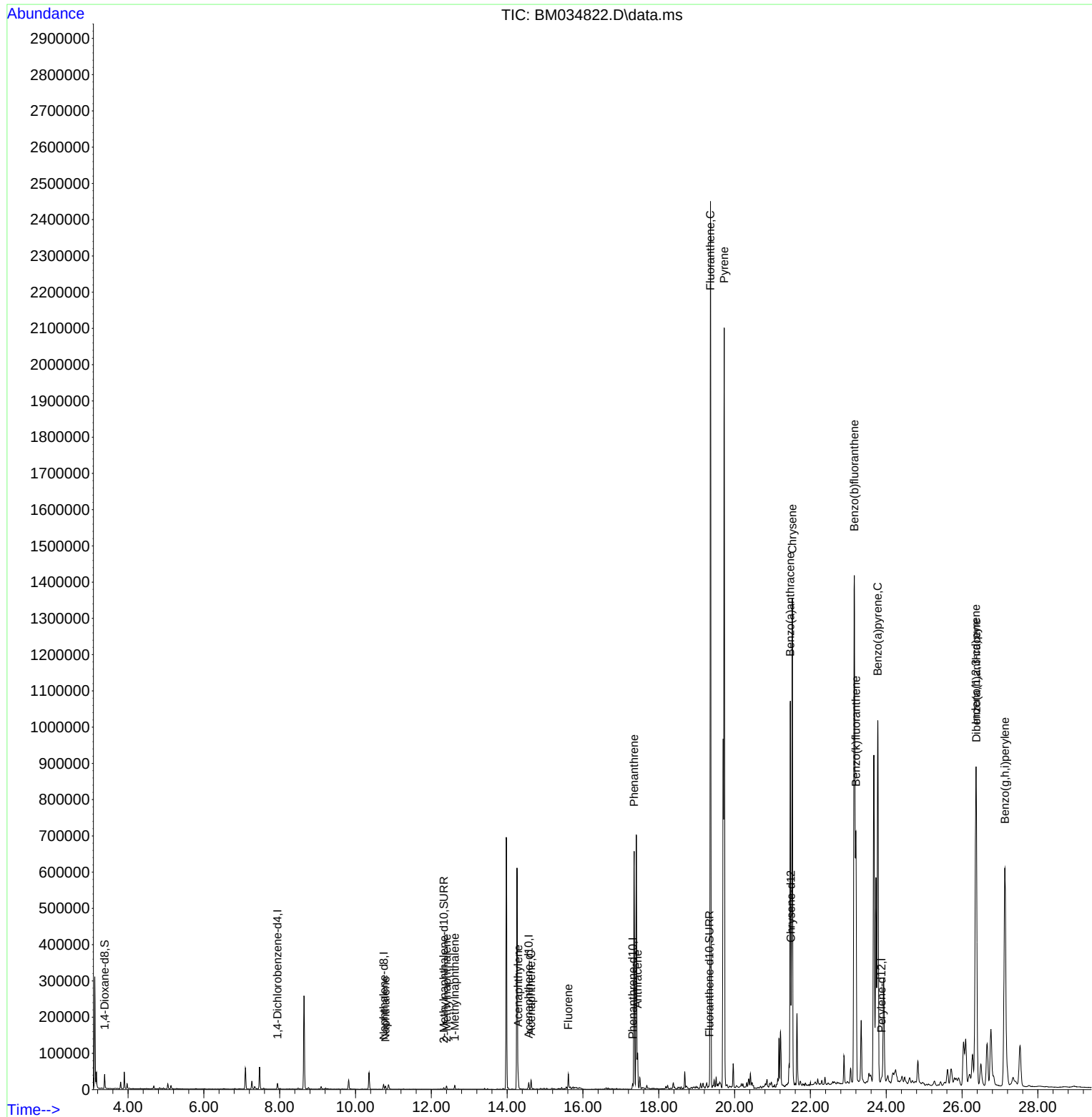
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034822.D
Acq On : 26 Apr 2022 05:34
Operator : CG/JU
Sample : N2374-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

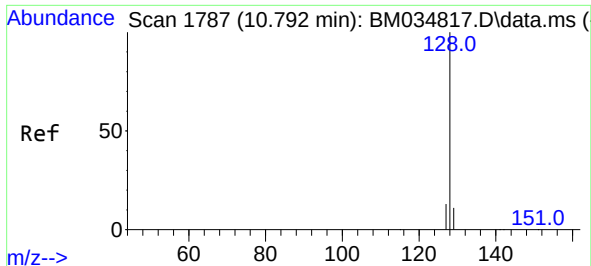
Instrument :
BNA_M
ClientSampleId :
BFFE3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

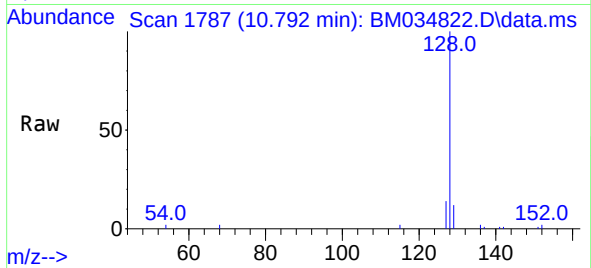
Quant Time: Apr 26 06:47:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.222 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

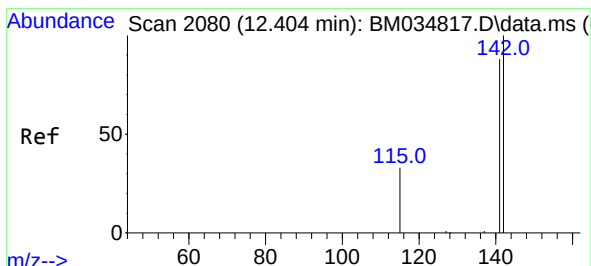
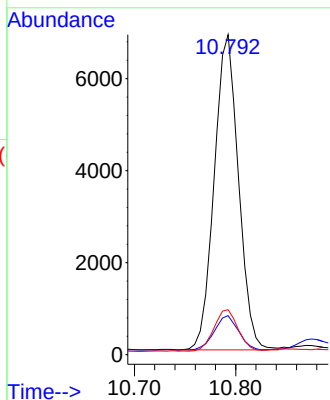
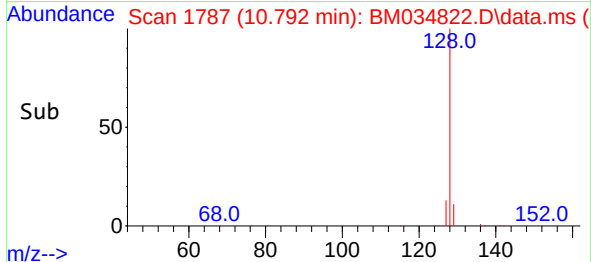
Instrument :
BNA_M
ClientSampleId :
BFFE3



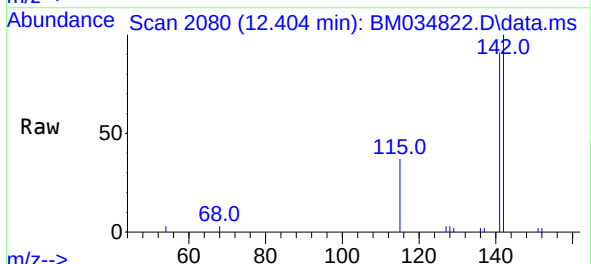
Tgt Ion:128 Resp: 1138
Ion Ratio Lower Upper
128 100
129 12.2 13.4 20.2
127 14.0 15.2 22.8

Manual Integrations
APPROVED

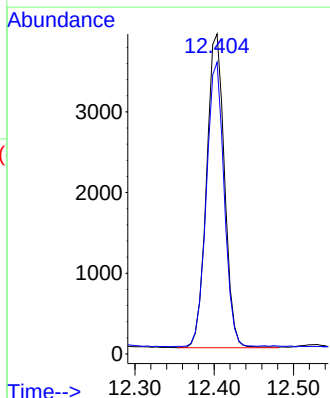
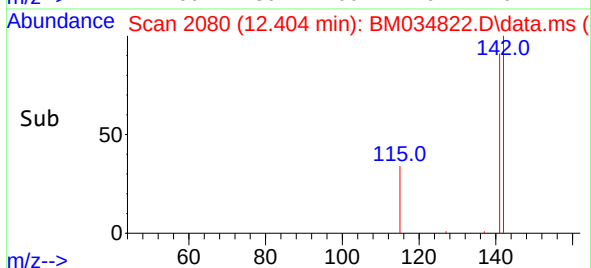
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

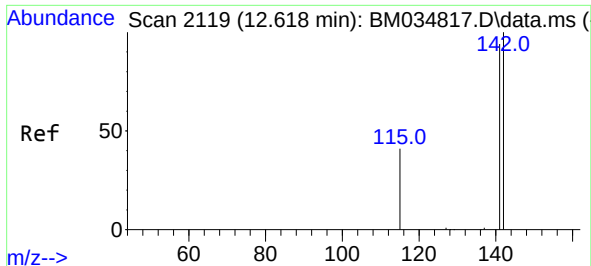


#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



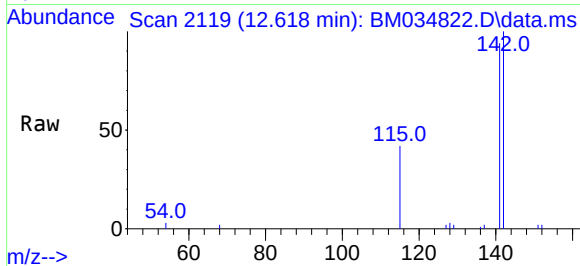
Tgt Ion:142 Resp: 6103
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

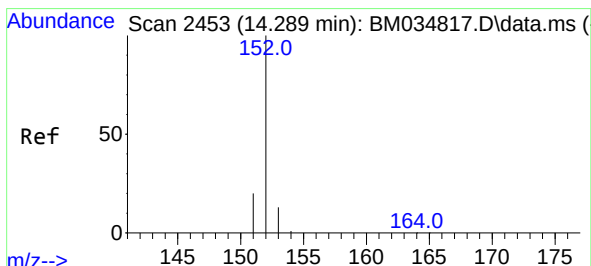
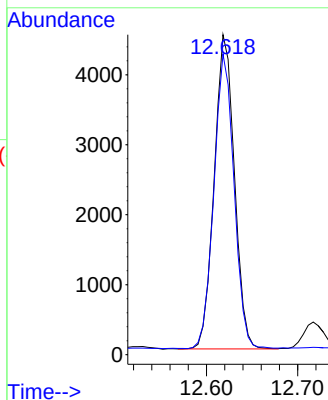
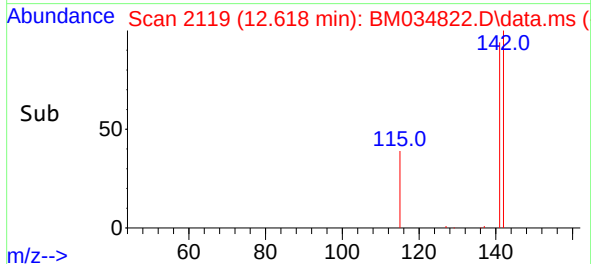
Instrument :
BNA_M
ClientSampleId :
BFFE3



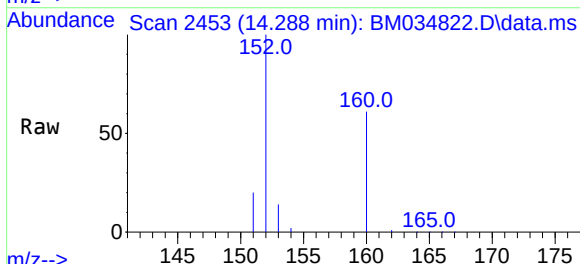
Tgt Ion:142 Resp: 6919
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

Manual Integrations
APPROVED

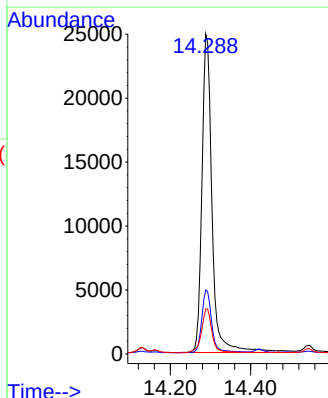
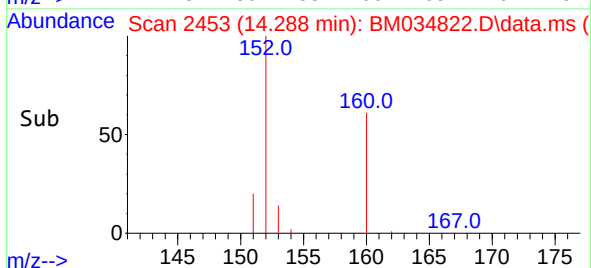
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

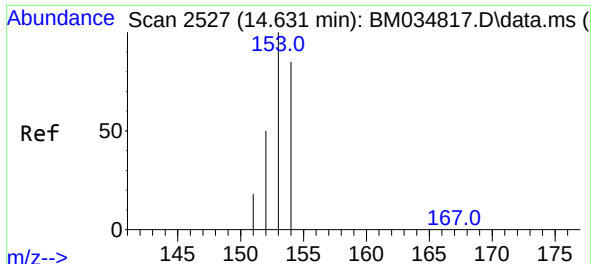


#10
Acenaphthylene
Concen: 1.069 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



Tgt Ion:152 Resp: 43418
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 14.1 15.0 22.4





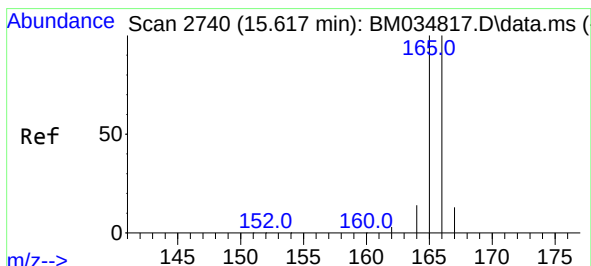
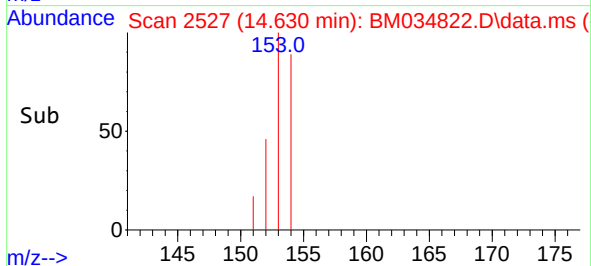
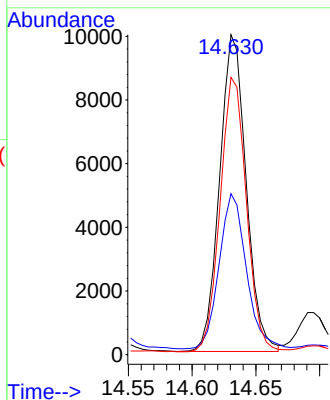
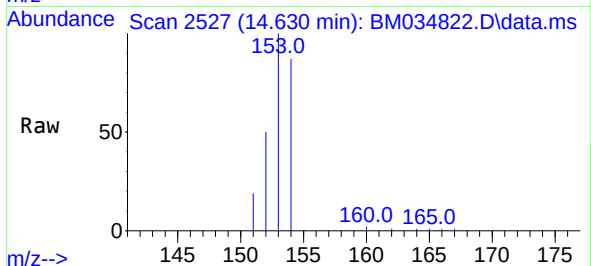
#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.630 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

Instrument :
BNA_M
ClientSampleId :
BFFE3

Tgt Ion:153 Resp: 14398
Ion Ratio Lower Upper
153 100
152 50.3 42.4 63.6
154 86.7 66.2 99.2

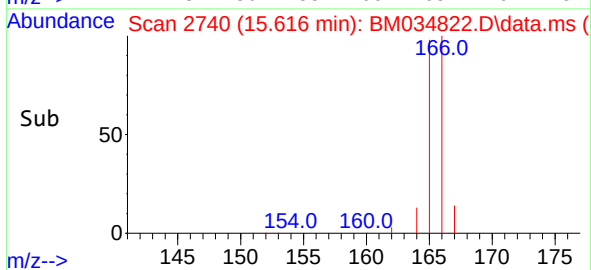
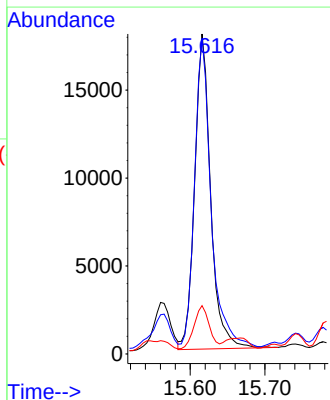
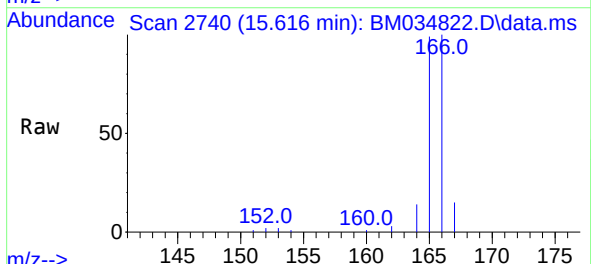
Manual Integrations
APPROVED

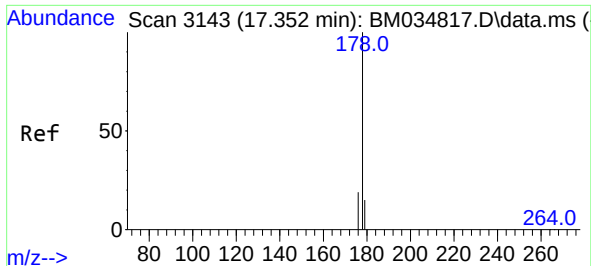
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#12
Fluorene
Concen: 0.688 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

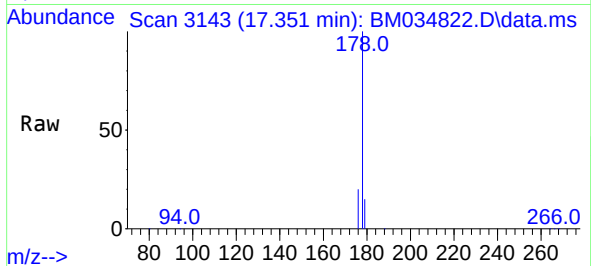
Tgt Ion:166 Resp: 26624
Ion Ratio Lower Upper
166 100
165 98.6 81.1 121.7
167 15.1 14.9 22.3





#15
Phenanthrene
Concen: 12.203 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

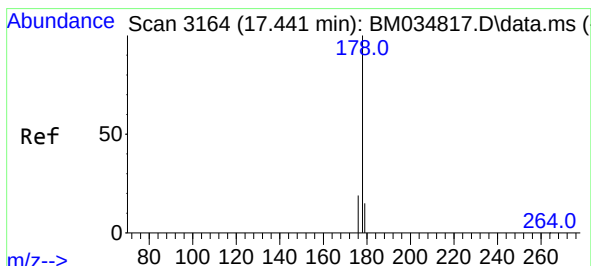
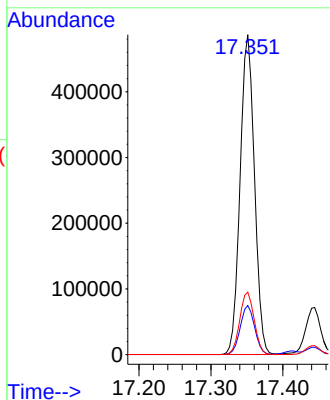
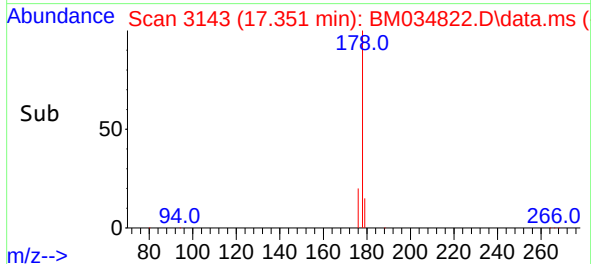
Instrument :
BNA_M
ClientSampleId :
BFFE3



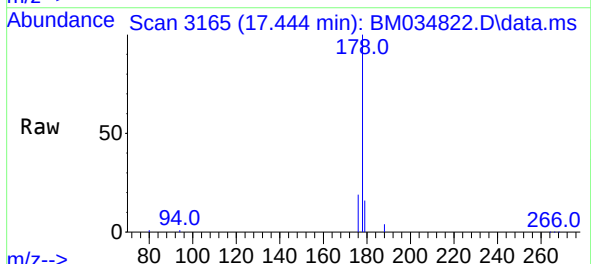
Tgt Ion:178 Resp: 672570
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 19.5 17.9 26.9

Manual Integrations
APPROVED

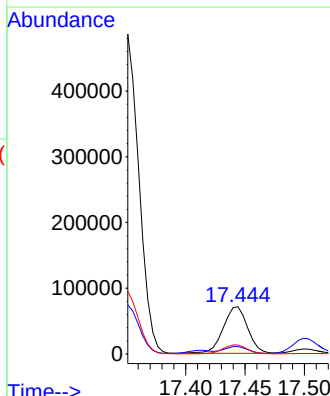
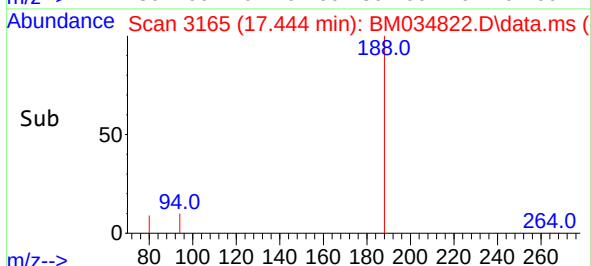
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

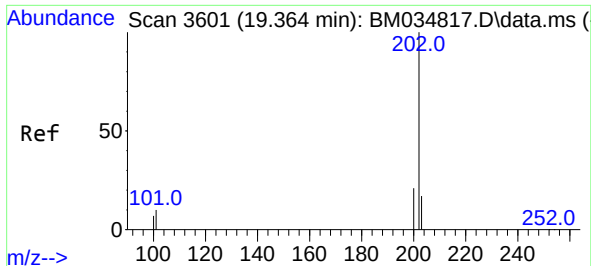


#16
Anthracene
Concen: 2.058 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



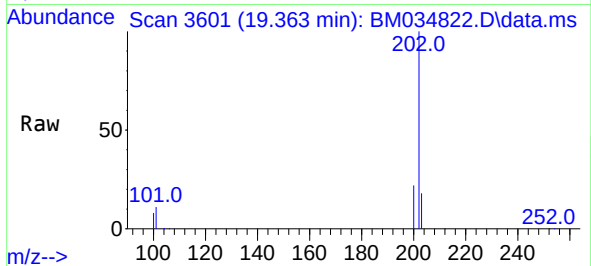
Tgt Ion:178 Resp: 101075
Ion Ratio Lower Upper
178 100
179 15.8 16.5 24.7#
176 19.0 18.3 27.5





#19
Fluoranthene
Concen: 33.125 ng/u1
RT: 19.363 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

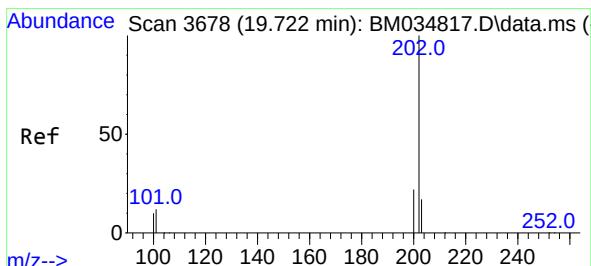
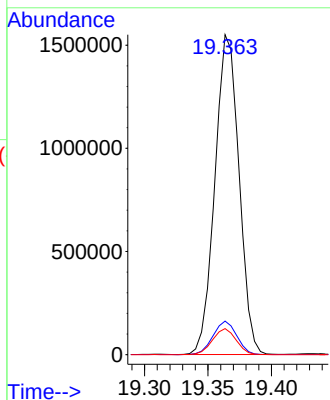
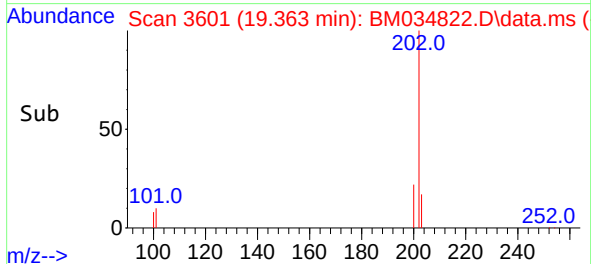
Instrument :
BNA_M
ClientSampleId :
BFFE3



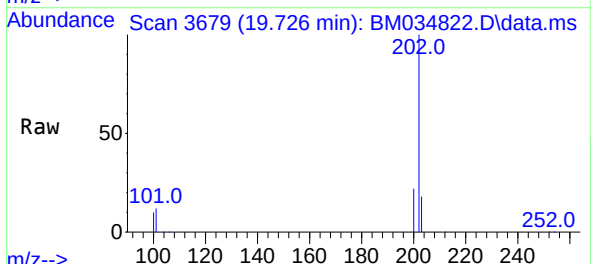
Tgt Ion:202 Resp: 2049033
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.1 7.2 10.8

Manual Integrations
APPROVED

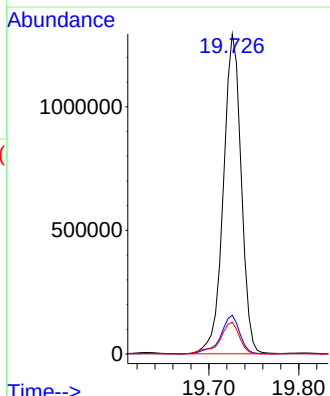
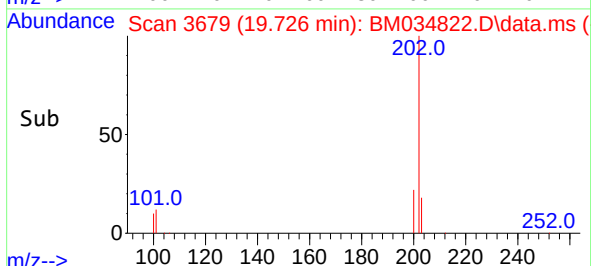
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

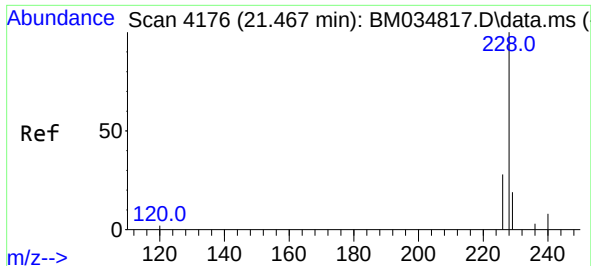


#20
Pyrene
Concen: 28.664 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



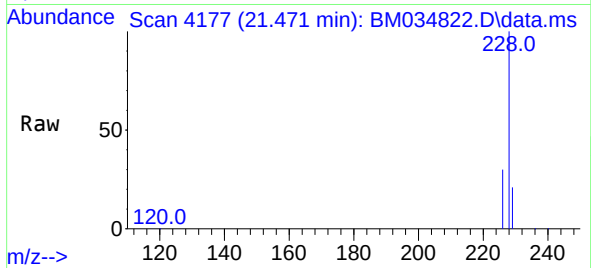
Tgt Ion:202 Resp: 1780750
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.9 7.8 11.6





#21
Benzo(a)anthracene
Concen: 17.910 ng/u1
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

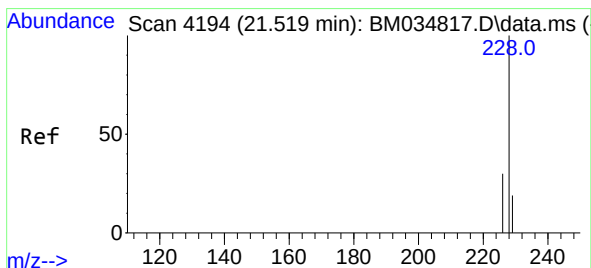
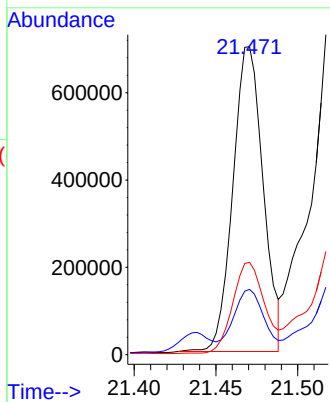
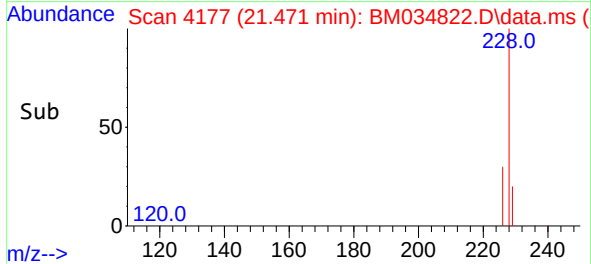
Instrument :
BNA_M
ClientSampleId :
BFFE3



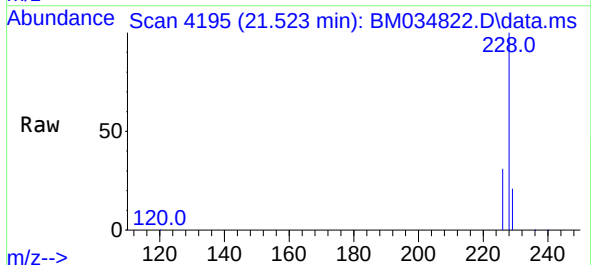
Tgt Ion:228 Resp: 897795
Ion Ratio Lower Upper
228 100
229 21.2 17.3 25.9
226 30.0 23.2 34.8

Manual Integrations
APPROVED

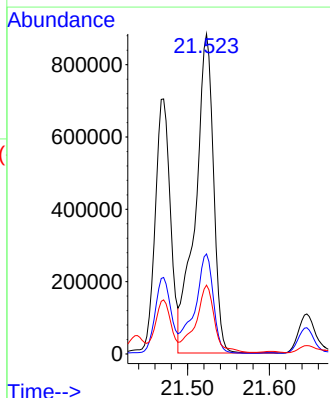
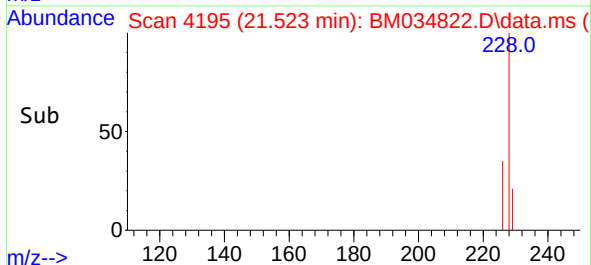
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

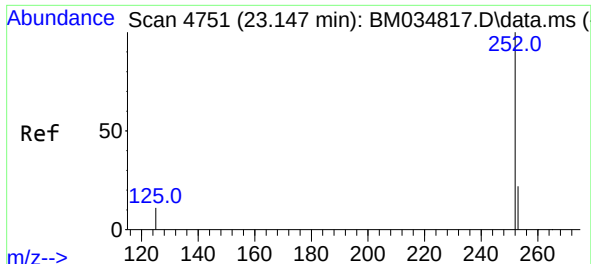


#22
Chrysene
Concen: 25.439 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



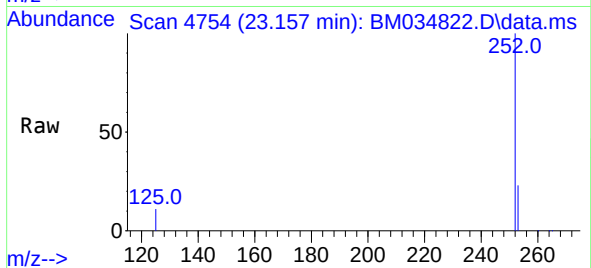
Tgt Ion:228 Resp: 1359576
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 29.680 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. 0.005 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

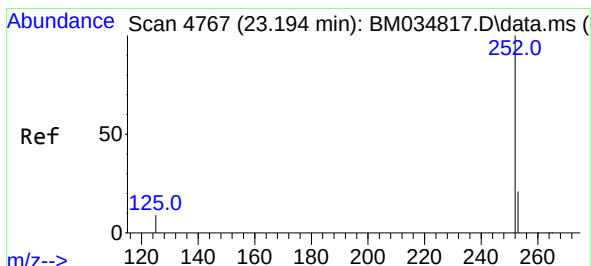
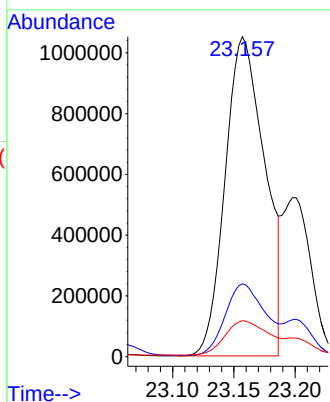
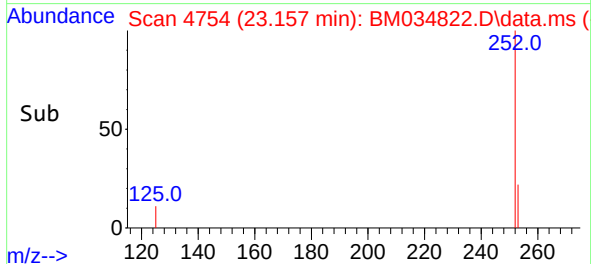
Instrument :
BNA_M
ClientSampleId :
BFFE3



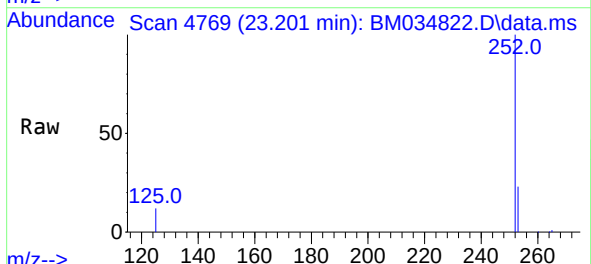
Tgt Ion:252 Resp: 2368510
Ion Ratio Lower Upper
252 100
253 22.8 0.0 64.2
125 11.3 0.0 28.8

Manual Integrations
APPROVED

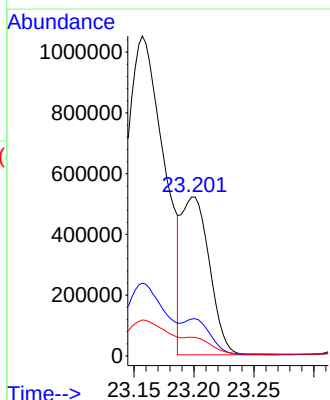
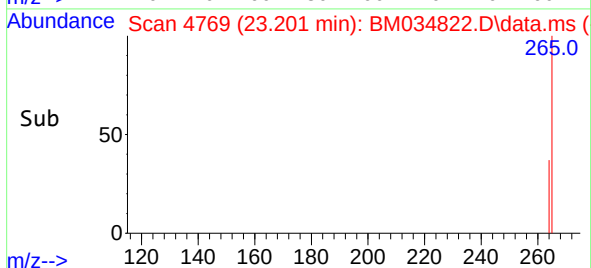
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

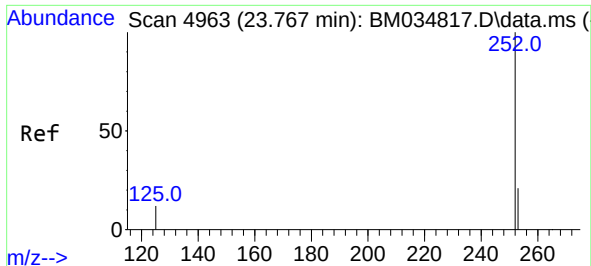


#25
Benzo(k)fluoranthene
Concen: 10.563 ng/ul m
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



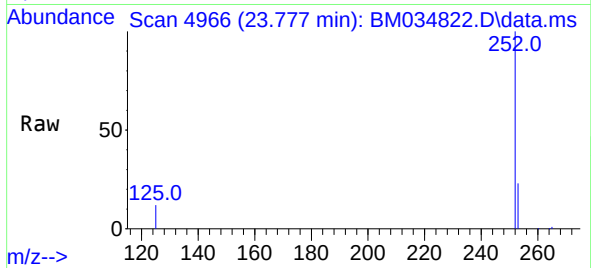
Tgt Ion:252 Resp: 842280
Ion Ratio Lower Upper
252 100
253 23.4 26.8 40.2#
125 11.7 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 22.330 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

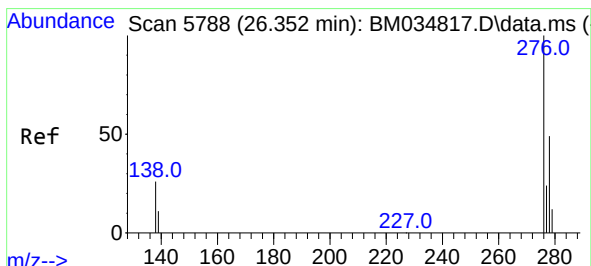
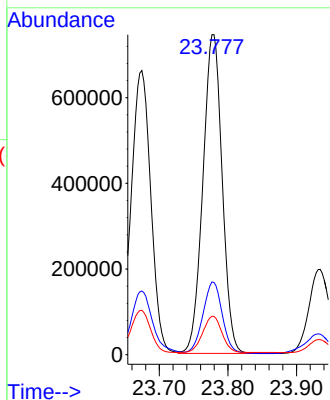
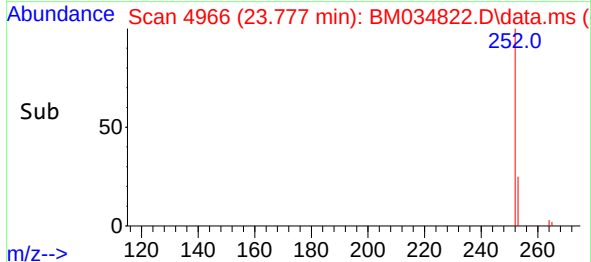
Instrument :
BNA_M
ClientSampleId :
BFFE3



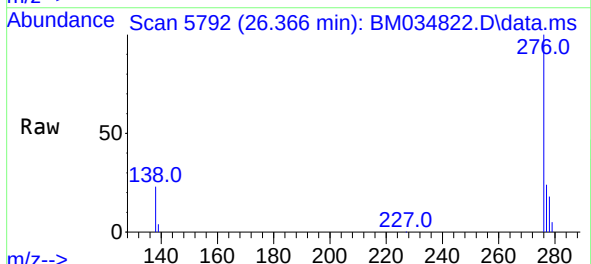
Tgt Ion:252 Resp: 145422
Ion Ratio Lower Upper
252 100
253 22.8 32.0 48.0
125 12.0 14.5 21.7

Manual Integrations
APPROVED

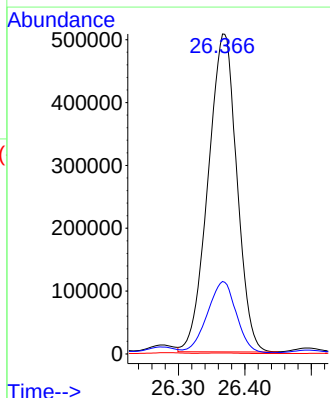
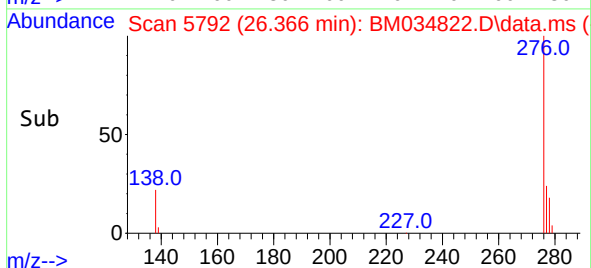
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

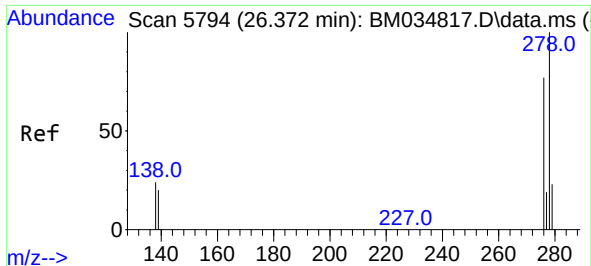


#27
Indeno(1,2,3-cd)pyrene
Concen: 16.658 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.005 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



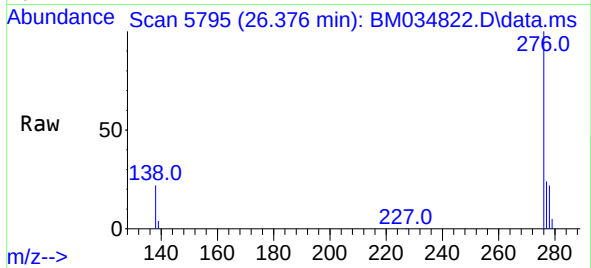
Tgt Ion:276 Resp: 1522932
Ion Ratio Lower Upper
276 100
138 22.5 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 4.506 ng/ul m
RT: 26.376 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34

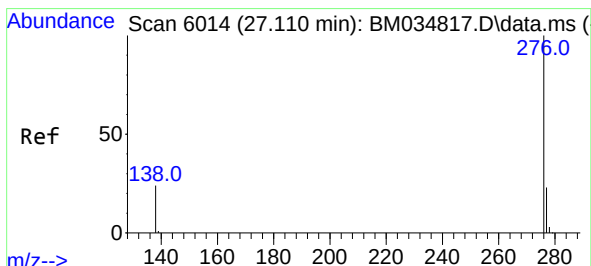
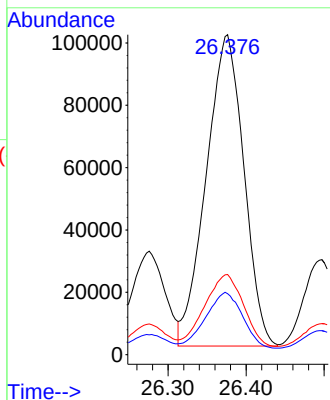
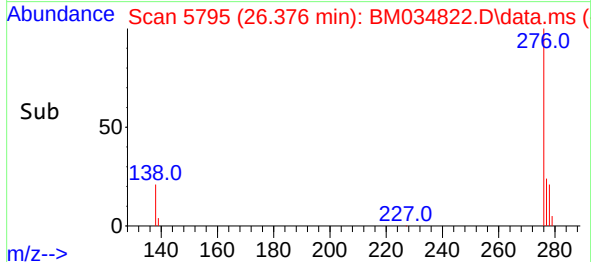
Instrument :
BNA_M
ClientSampleId :
BFFE3



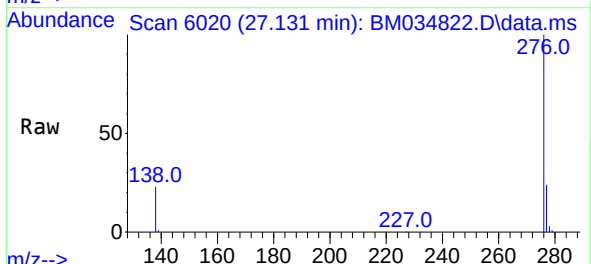
Tgt Ion:278 Resp: 33524
Ion Ratio Lower Upper
278 100
139 19.0 18.0 27.0
279 25.1 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#29
Benzo(g,h,i)perylene
Concen: 17.138 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.012 min
Lab File: BM034822.D
Acq: 26 Apr 2022 05:34



Tgt Ion:276 Resp: 1352614
Ion Ratio Lower Upper
276 100
138 23.1 17.4 26.0
277 24.0 22.6 33.8

