

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034814.D
 Acq On : 26 Apr 2022 00:13
 Operator : CG/JU
 Sample : N2373-10DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE7DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 03:07:55 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	7.943	152	7026	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	17697	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	8864	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16215	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	12340	0.400	ng/ul	# 0.00
23) Perylene-d12	23.873	264	12806	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	5794	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	1235	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	2088	0.054	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.792	128	2082	0.041	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	1208	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.618	142	1237	0.037	ng/ul	99
10) Acenaphthylene	14.288	152	6160	0.159	ng/ul	94
11) Acenaphthene	14.631	153	849	0.026	ng/ul	97
12) Fluorene	15.616	166	1941	0.053	ng/ul	98
15) Phenanthrene	17.351	178	40484	0.755	ng/ul	94
16) Anthracene	17.444	178	5372	0.112	ng/ul	96
19) Fluoranthene	19.363	202	61849	1.044	ng/ul	98
20) Pyrene	19.726	202	73536	1.236	ng/ul	99
21) Benzo(a)anthracene	21.468	228	24525	0.511	ng/ul	98
22) Chrysene	21.520	228	36056	0.704	ng/ul	100
24) Benzo(b)fluoranthene	23.151	252	40482	0.692	ng/ul	90
25) Benzo(k)fluoranthene	23.195	252	14352m	0.246	ng/ul	
26) Benzo(a)pyrene	23.768	252	27420	0.575	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.350	276	21345	0.319	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.363	278	5296	0.097	ng/ul#	80
29) Benzo(g,h,i)perylene	27.111	276	19700	0.341	ng/ul#	92

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

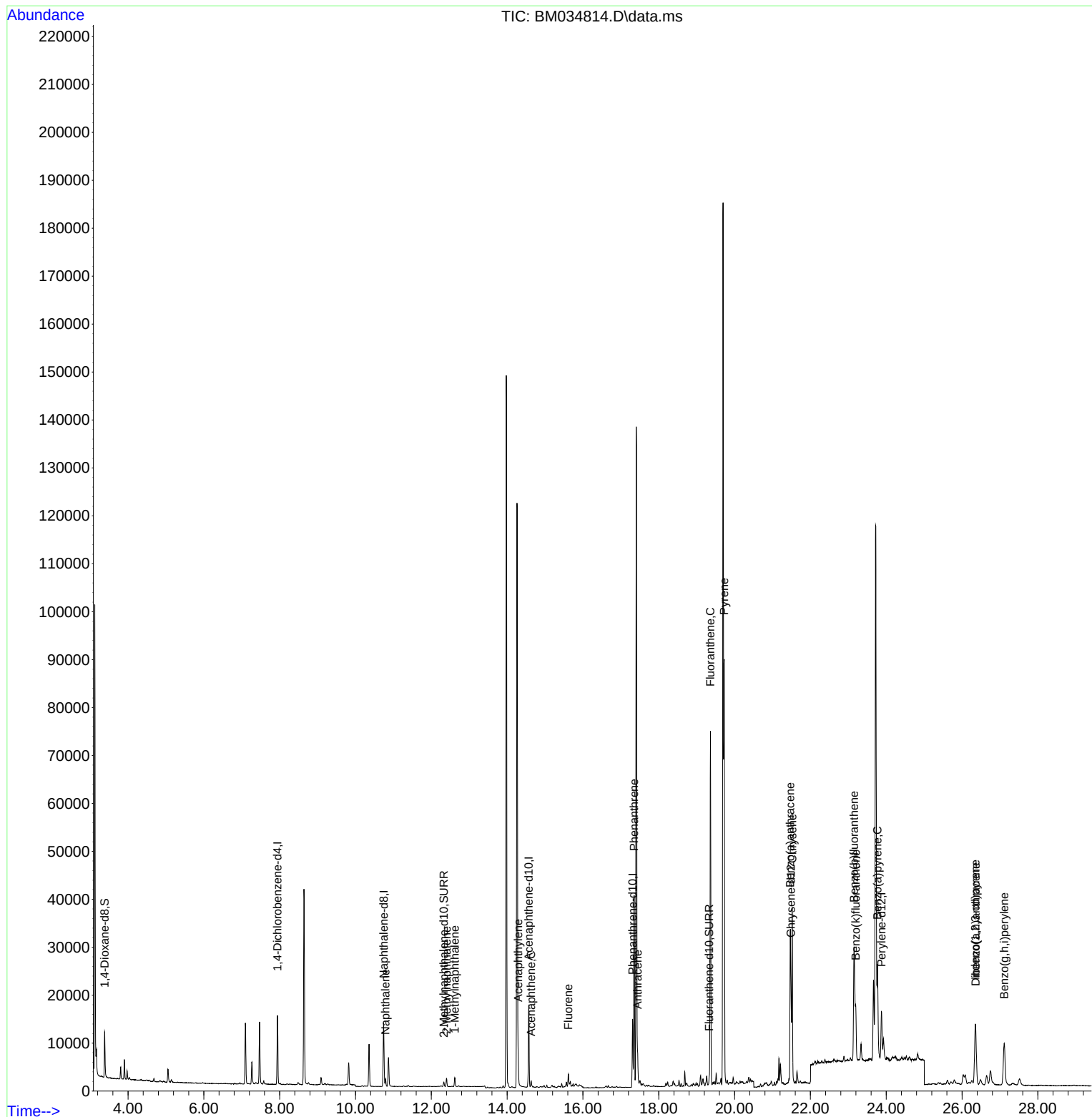
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034814.D
Acq On : 26 Apr 2022 00:13
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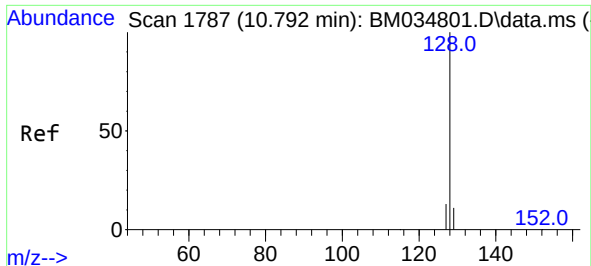
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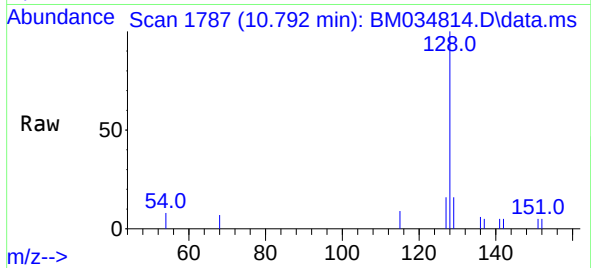
Quant Time: Apr 26 03:07:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
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#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

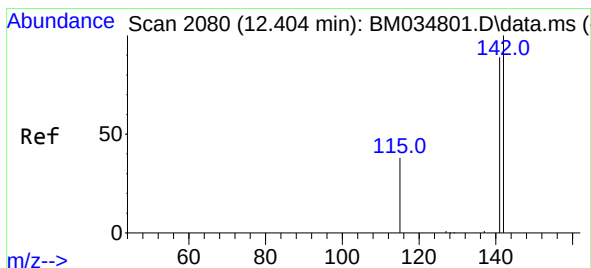
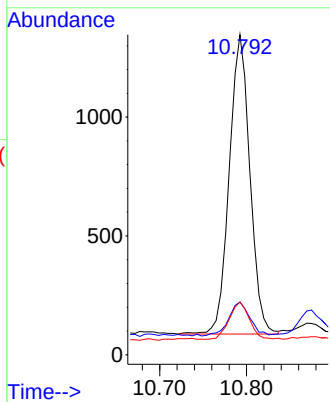
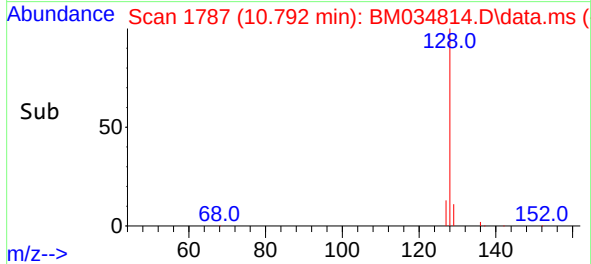
Instrument :
BNA_M
ClientSampleId :
BFFE7DL



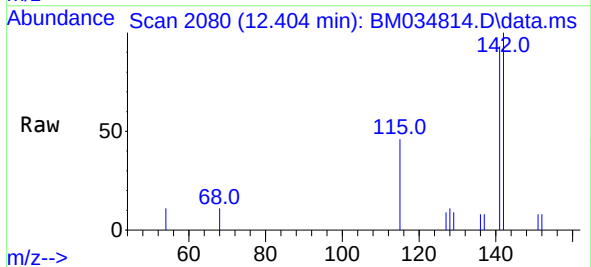
Tgt Ion:128 Resp: 208
Ion Ratio Lower Upper
128 100
129 16.5 13.4 20.2
127 16.5 15.2 22.8

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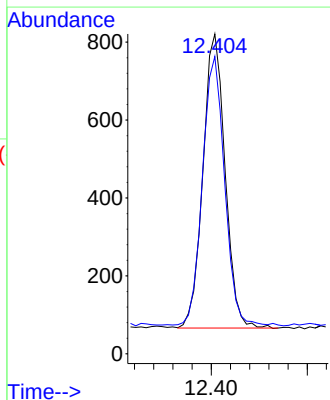
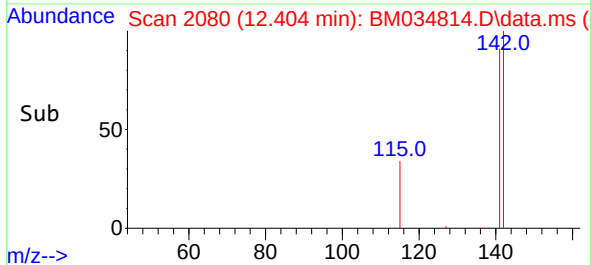
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

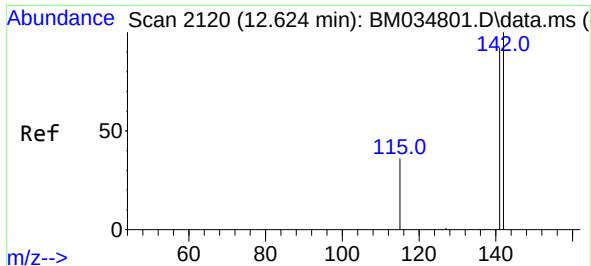


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



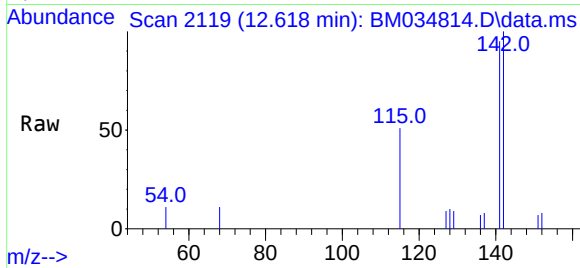
Tgt Ion:142 Resp: 1208
Ion Ratio Lower Upper
142 100
141 92.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

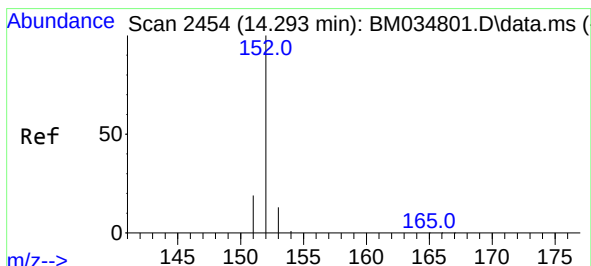
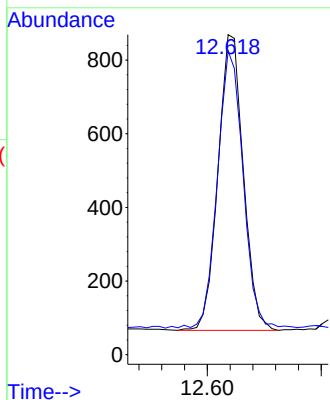
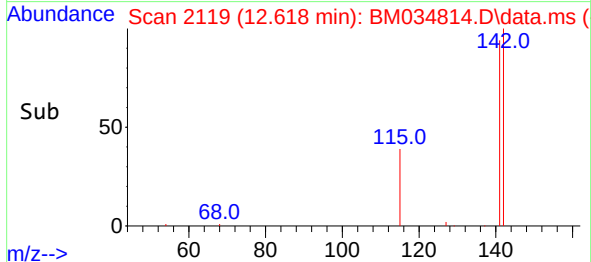
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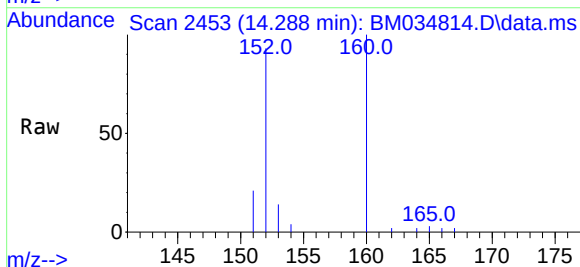
Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
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141 94.8 75.0 112.4

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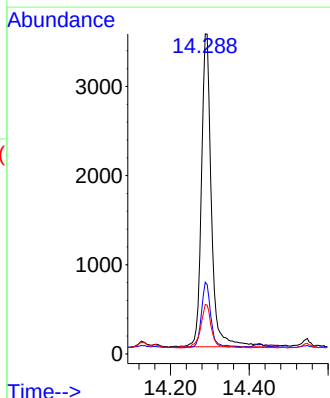
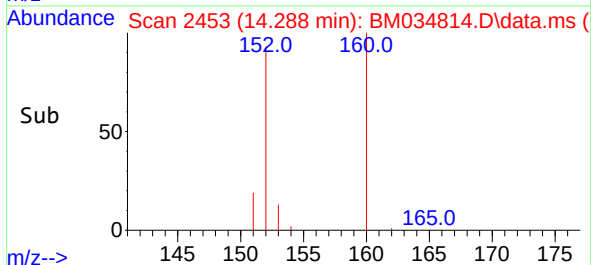
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

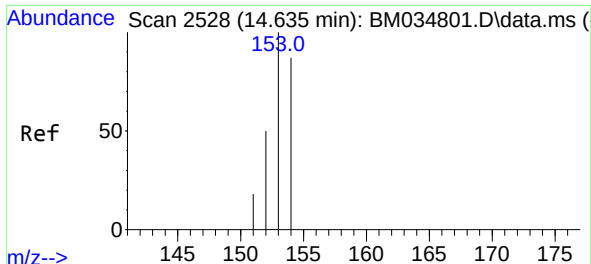


#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



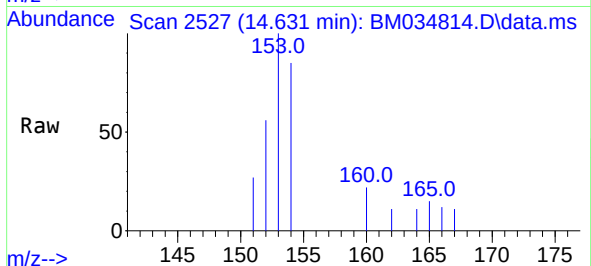
Tgt Ion:152 Resp: 6160
Ion Ratio Lower Upper
152 100
151 22.4 19.9 29.9
153 15.5 15.0 22.4





#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

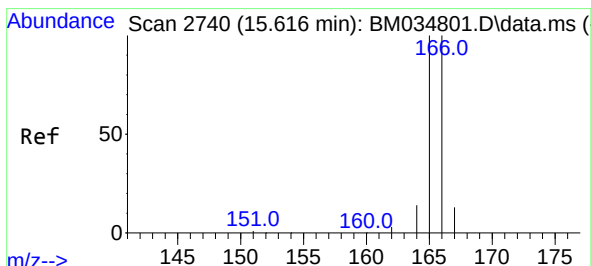
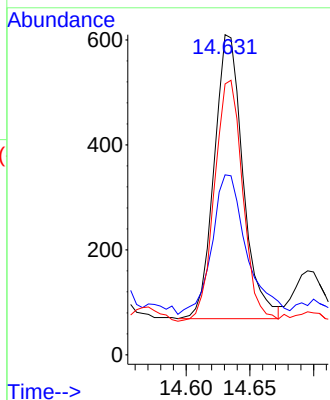
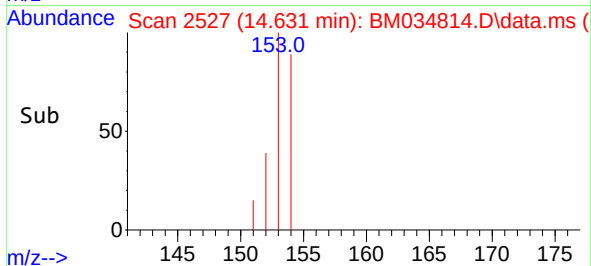
Instrument :
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ClientSampleId :
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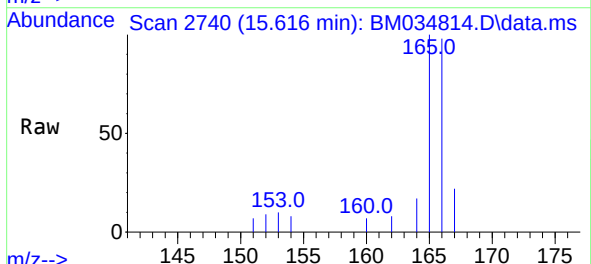
Tgt Ion:153 Resp: 849
Ion Ratio Lower Upper
153 100
152 56.2 42.4 63.6
154 84.6 66.2 99.2

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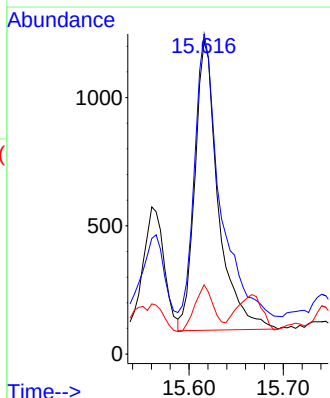
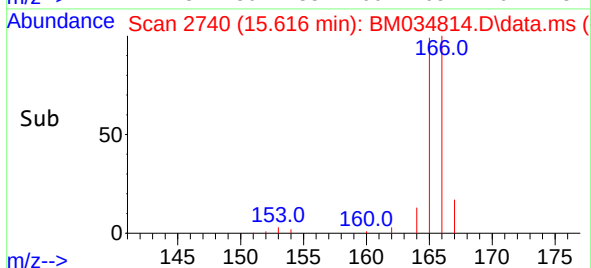
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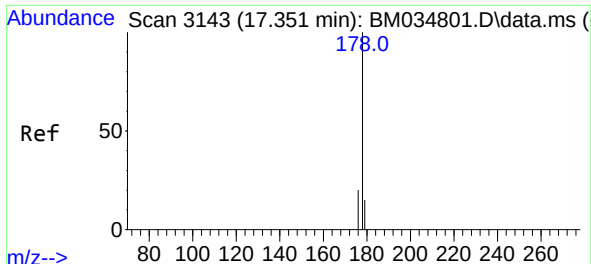


#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



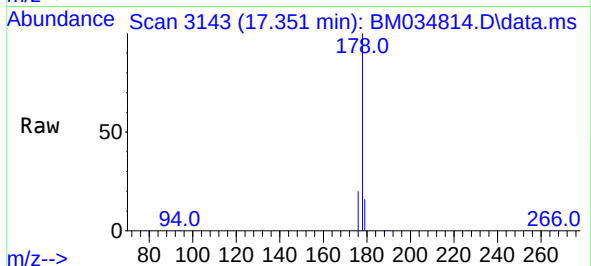
Tgt Ion:166 Resp: 1941
Ion Ratio Lower Upper
166 100
165 102.4 81.1 121.7
167 22.1 14.9 22.3





#15
Phenanthrene
Concen: 0.755 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

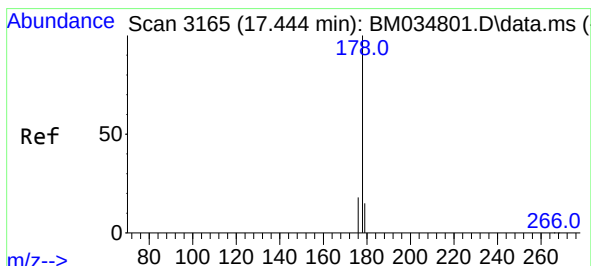
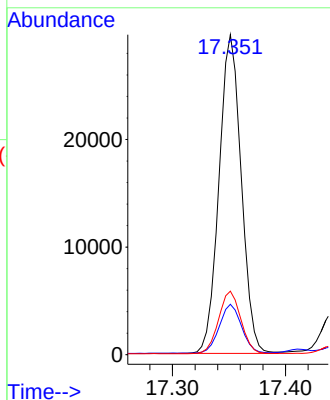
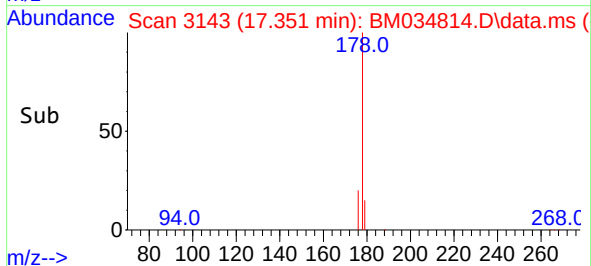
Instrument :
BNA_M
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BFFE7DL



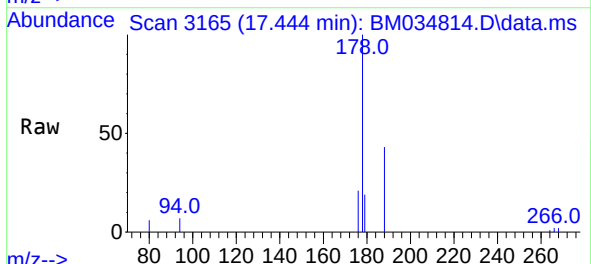
Tgt Ion:178 Resp: 40484
Ion Ratio Lower Upper
178 100
179 15.7 15.0 22.6
176 19.9 17.9 26.9

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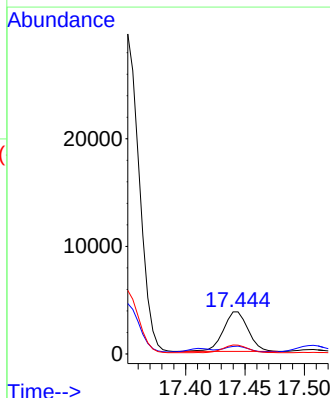
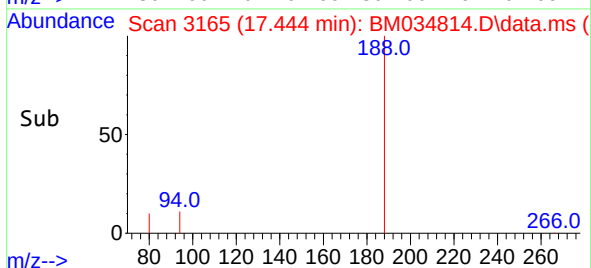
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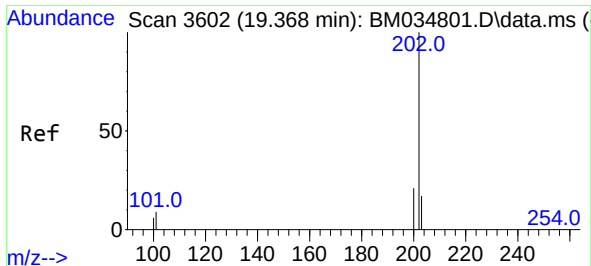


#16
Anthracene
Concen: 0.112 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



Tgt Ion:178 Resp: 5372
Ion Ratio Lower Upper
178 100
179 18.8 16.5 24.7
176 21.0 18.3 27.5





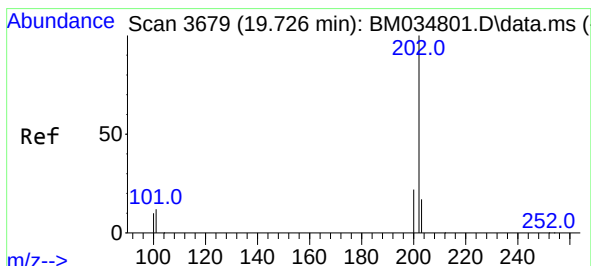
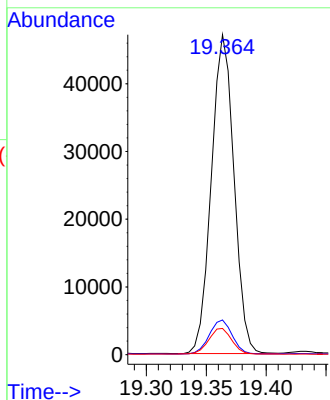
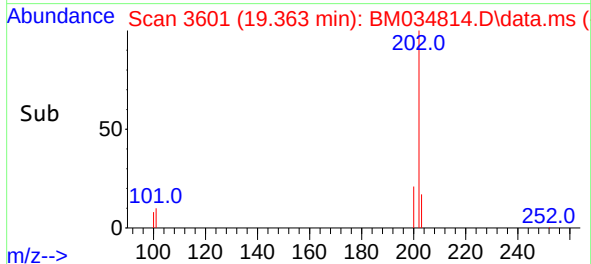
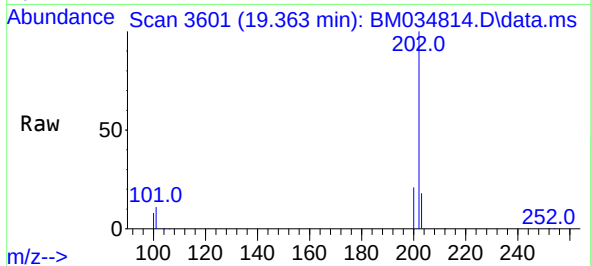
#19
Fluoranthene
Concen: 1.044 ng/u1
RT: 19.363 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 61849
Ion Ratio Lower Upper
202 100
101 10.9 9.2 13.8
100 8.2 7.2 10.8

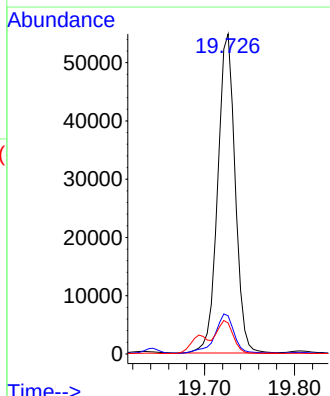
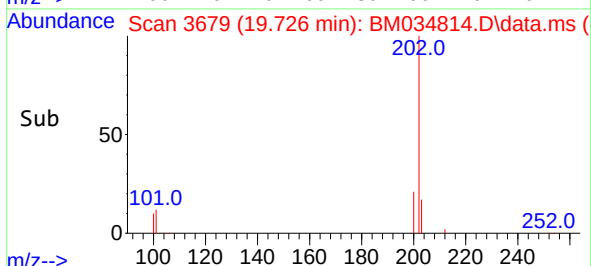
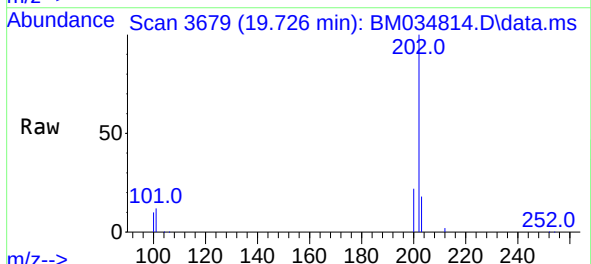
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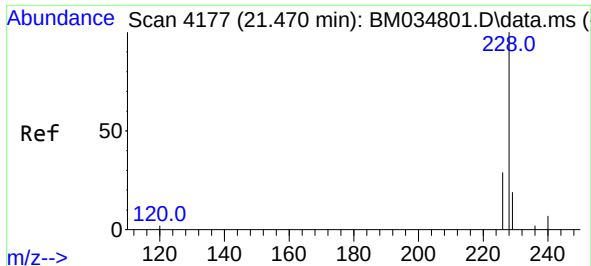
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#20
Pyrene
Concen: 1.236 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

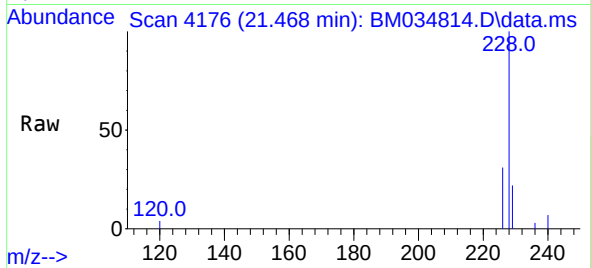
Tgt Ion:202 Resp: 73536
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.7 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.511 ng/u1
RT: 21.468 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

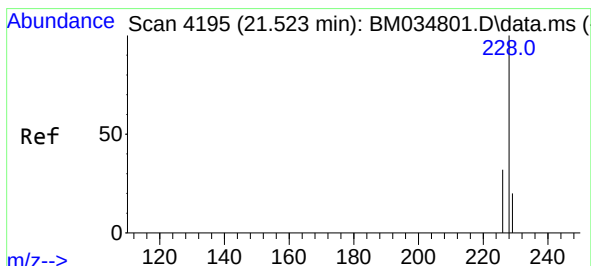
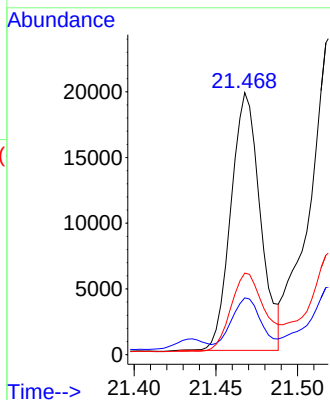
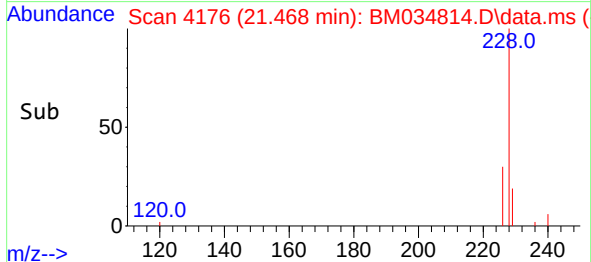
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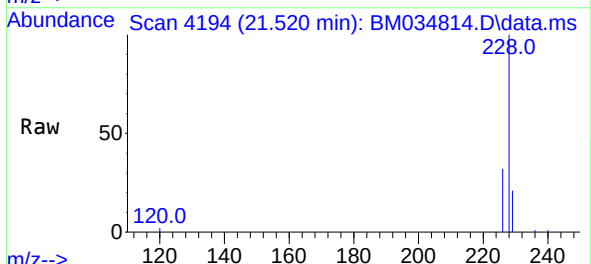
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Ion Ratio Lower Upper
228 100
229 21.7 17.3 25.9
226 31.1 23.2 34.8

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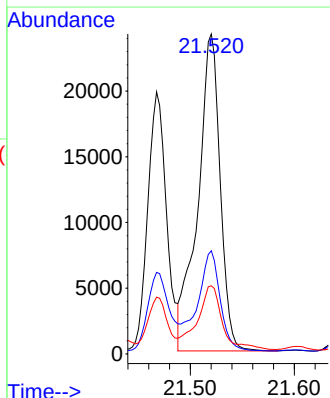
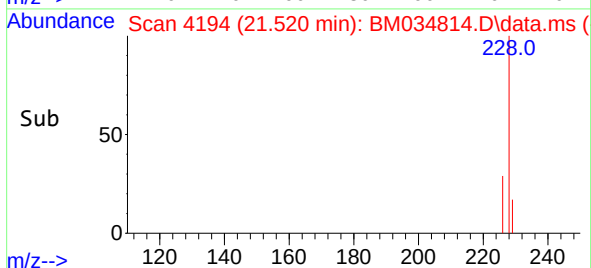
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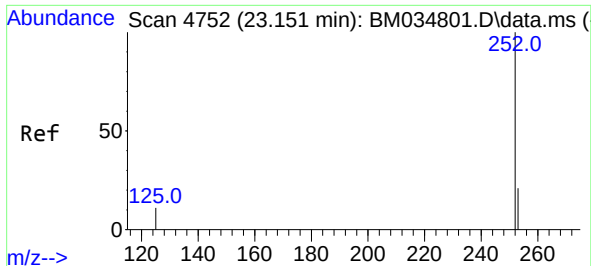


#22
Chrysene
Concen: 0.704 ng/u1
RT: 21.520 min Scan# 4194
Delta R.T. -0.004 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



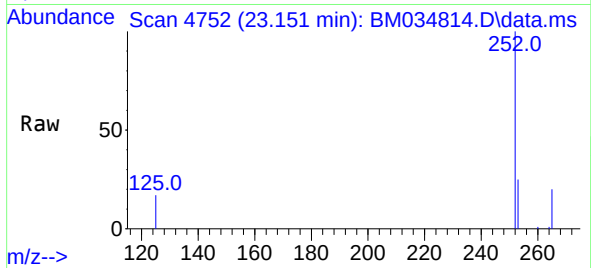
Tgt Ion:228 Resp: 36056
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 21.3 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.692 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.001 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

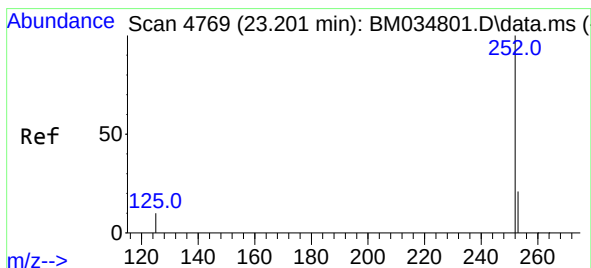
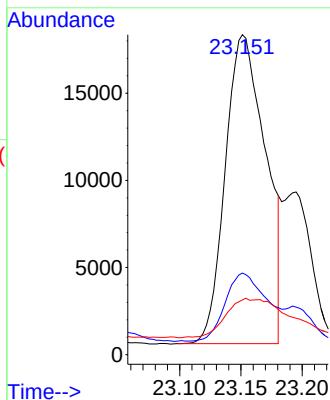
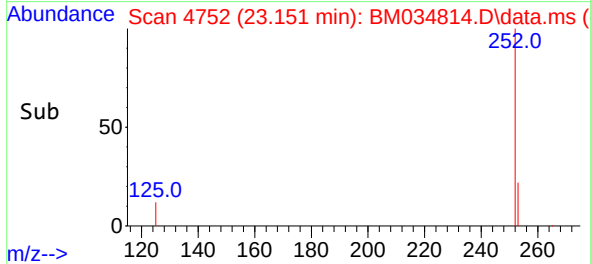
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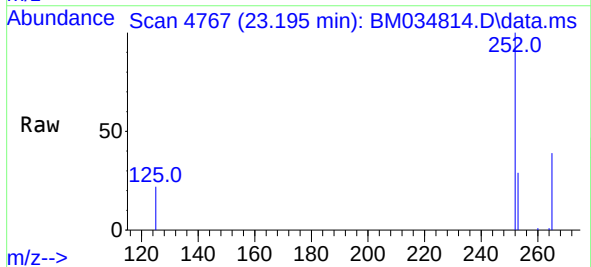
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Ion Ratio Lower Upper
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125 17.1 0.0 28.8

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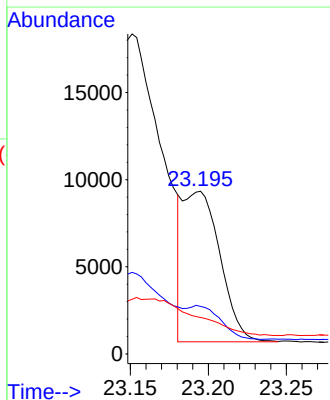
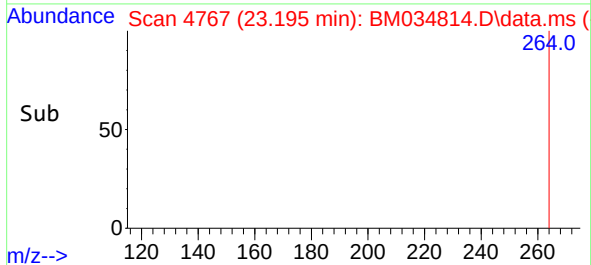
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

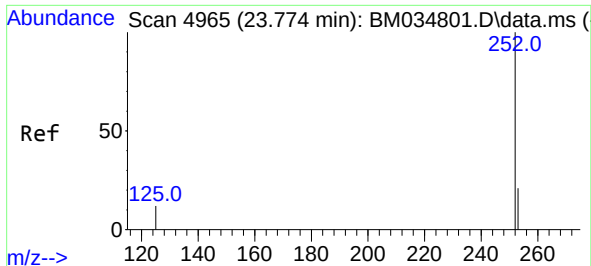


#25
Benzo(k)fluoranthene
Concen: 0.246 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. -0.007 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



Tgt Ion:252 Resp: 14352
Ion Ratio Lower Upper
252 100
253 29.2 26.8 40.2
125 22.5 12.0 18.0#





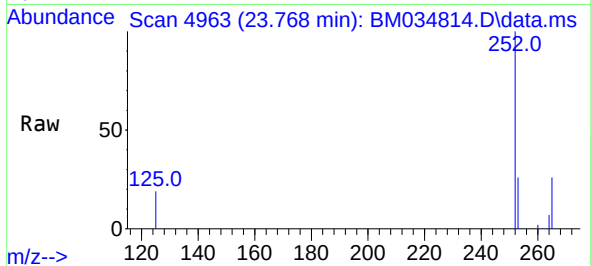
#26
Benzo(a)pyrene
Concen: 0.575 ng/u1
RT: 23.768 min Scan# 4963
Delta R.T. -0.007 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

Instrument :

BNA_M

ClientSampleId :

BFFE7DL

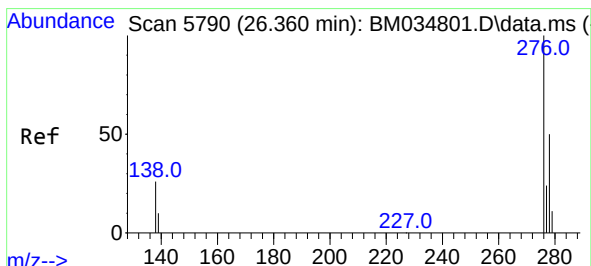
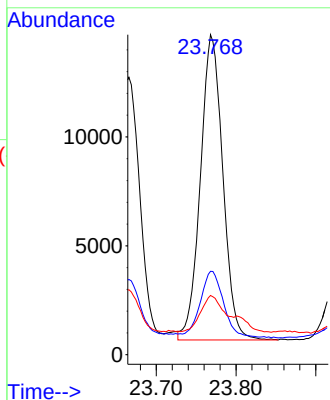
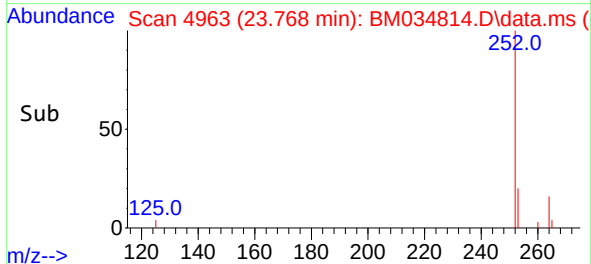


Tgt Ion:252 Resp: 27420
Ion Ratio Lower Upper
252 100
253 26.1 32.0 48.0#
125 18.5 14.5 21.7

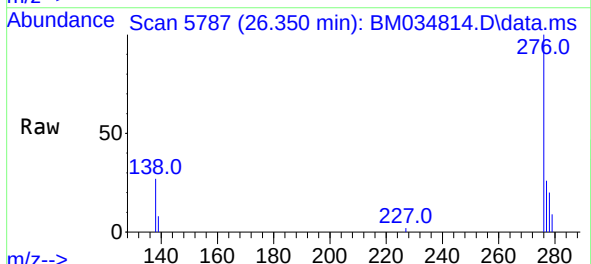
Manual Integrations

APPROVED

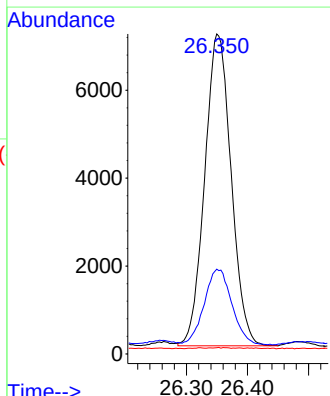
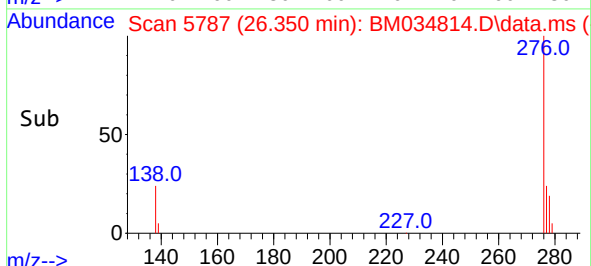
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

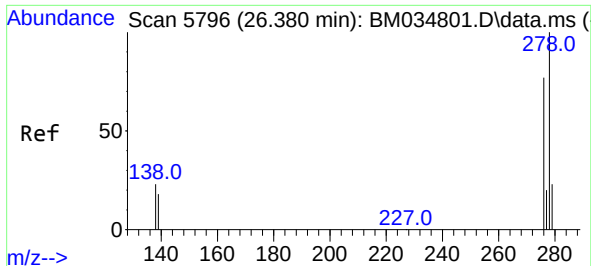


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/u1
RT: 26.350 min Scan# 5787
Delta R.T. -0.011 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



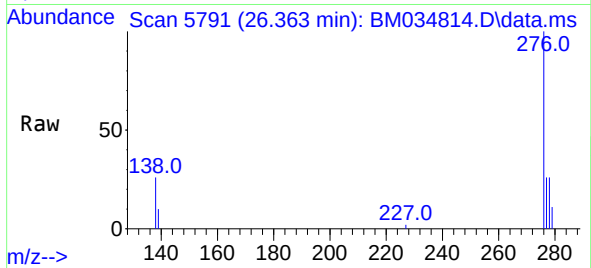
Tgt Ion:276 Resp: 21345
Ion Ratio Lower Upper
276 100
138 25.3 15.8 23.6#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.363 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13

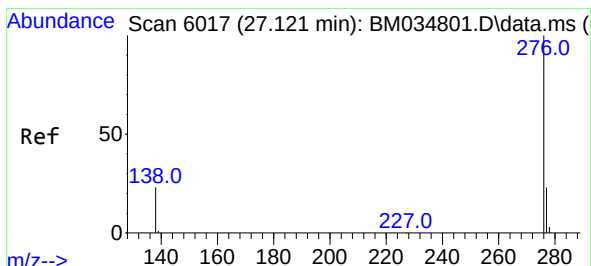
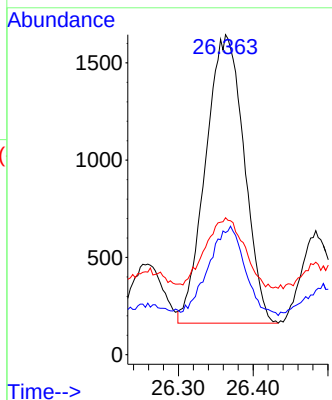
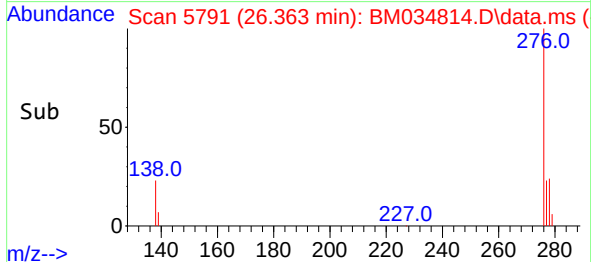
Instrument :
BNA_M
ClientSampleId :
BFFE7DL



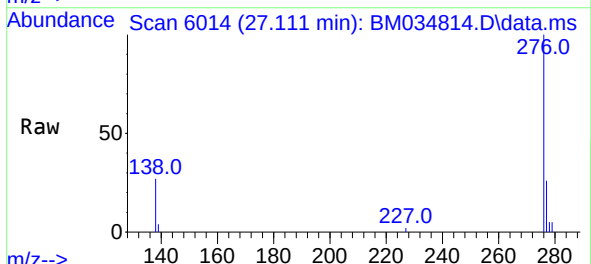
Tgt Ion:278 Resp: 5290
Ion Ratio Lower Upper
278 100
139 38.2 18.0 27.0#
279 42.8 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.111 min Scan# 6014
Delta R.T. -0.008 min
Lab File: BM034814.D
Acq: 26 Apr 2022 00:13



Tgt Ion:276 Resp: 19700
Ion Ratio Lower Upper
276 100
138 27.4 17.4 26.0#
277 25.9 22.6 33.8

