

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034828.D
 Acq On : 26 Apr 2022 09:08
 Operator : CG/JU
 Sample : N2374-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF1

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 11:10:38 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	5678	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	14533	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	7835	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	15538	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	12282	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	13219	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	16293	2.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	4123	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	10302	0.266	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.793	128	1121	0.027	ng/ul#	92
7) 2-Methylnaphthalene	12.404	142	941	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	899	0.033	ng/ul	98
10) Acenaphthylene	14.293	152	7192	0.210	ng/ul	93
11) Acenaphthene	14.631	153	1564	0.054	ng/ul	99
12) Fluorene	15.616	166	3333	0.102	ng/ul	100
15) Phenanthrene	17.351	178	86823	1.690	ng/ul	94
16) Anthracene	17.440	178	11895	0.260	ng/ul	94
19) Fluoranthene	19.364	202	197902	3.356	ng/ul	97
20) Pyrene	19.726	202	176885	2.987	ng/ul	99
21) Benzo(a)anthracene	21.468	228	70477	1.475	ng/ul	99
22) Chrysene	21.523	228	97165	1.907	ng/ul	99
24) Benzo(b)fluoranthene	23.154	252	125567	2.080	ng/ul	89
25) Benzo(k)fluoranthene	23.198	252	45473m	0.754	ng/ul	
26) Benzo(a)pyrene	23.774	252	75849	1.540	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.356	276	67854	0.981	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.370	278	15718	0.279	ng/ul#	82
29) Benzo(g,h,i)perylene	27.118	276	61970	1.038	ng/ul#	93

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

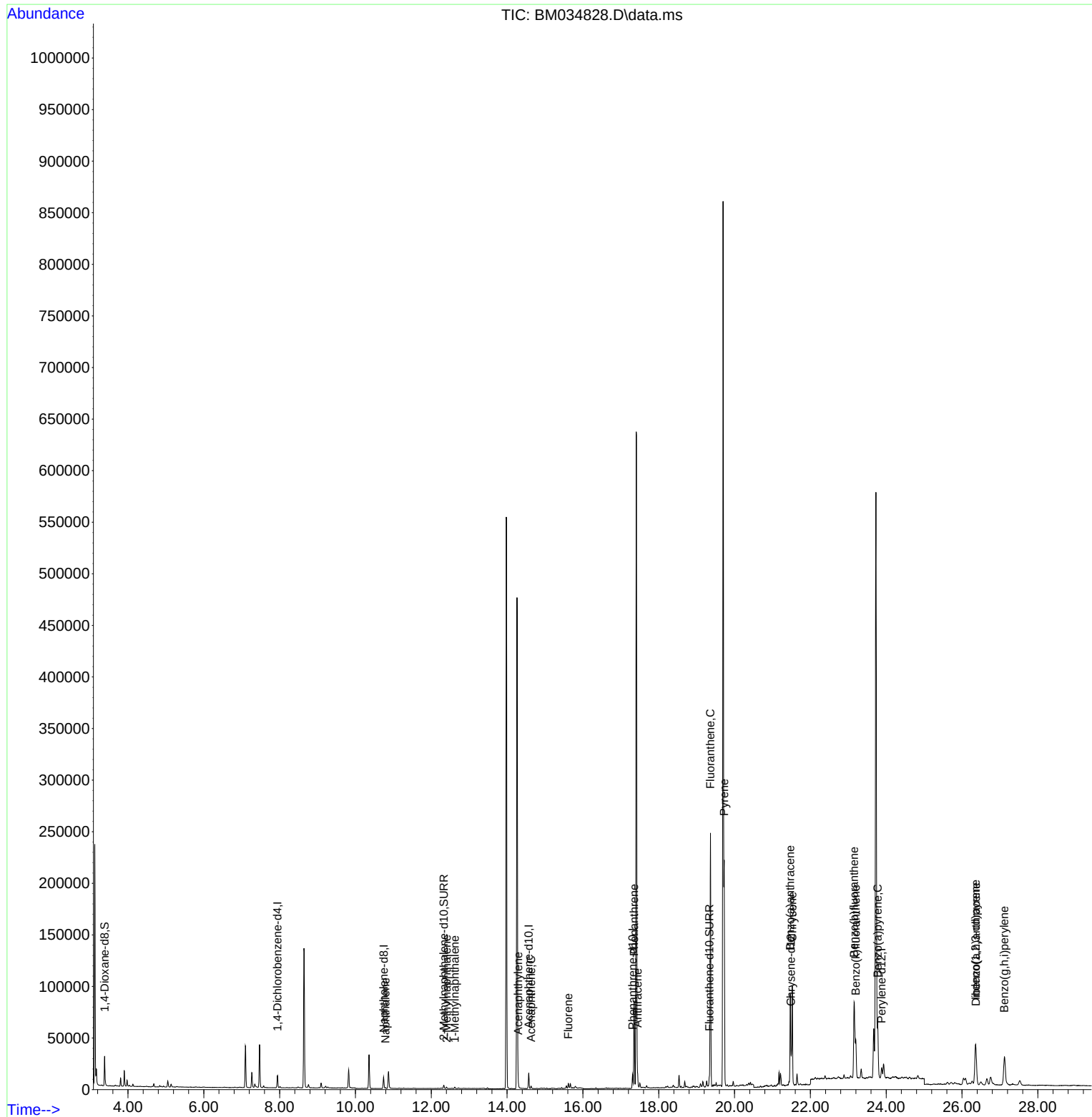
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034828.D
Acq On : 26 Apr 2022 09:08
Operator : CG/JU
Sample : N2374-09
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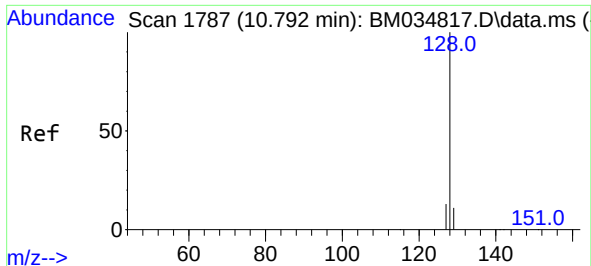
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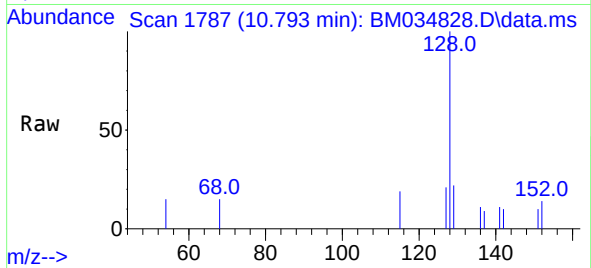
Quant Time: Apr 26 11:10:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.793 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

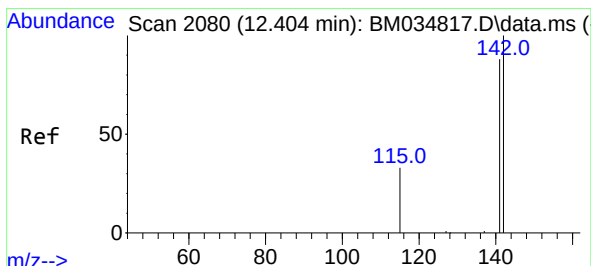
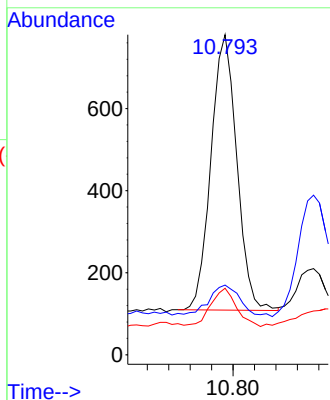
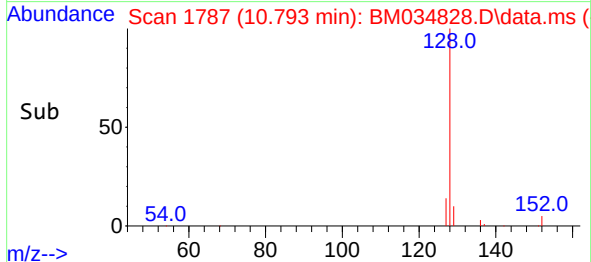
Instrument :
BNA_M
ClientSampleId :
BFFF1



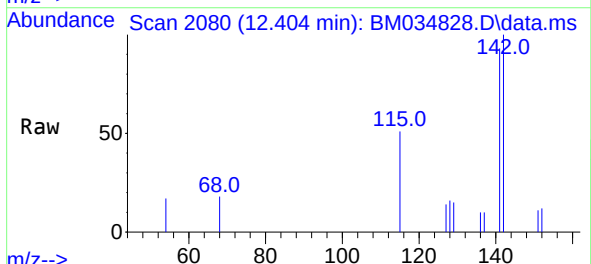
Tgt Ion:128 Resp: 112
Ion Ratio Lower Upper
128 100
129 21.8 13.4 20.2
127 20.8 15.2 22.8

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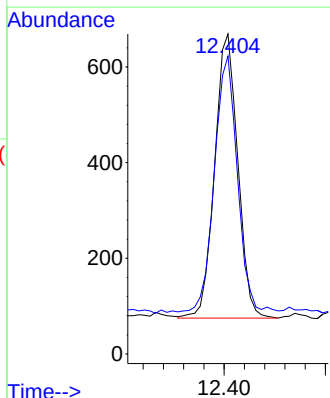
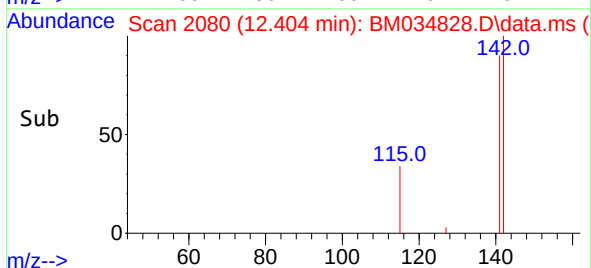
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

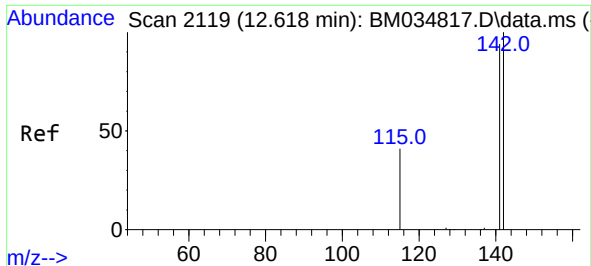


#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



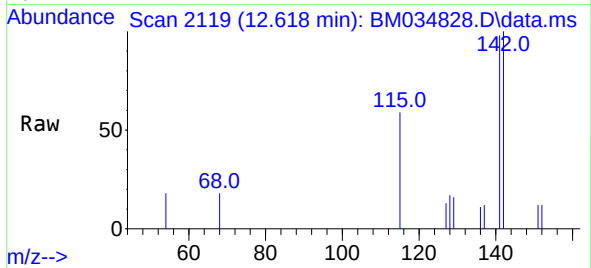
Tgt Ion:142 Resp: 941
Ion Ratio Lower Upper
142 100
141 89.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

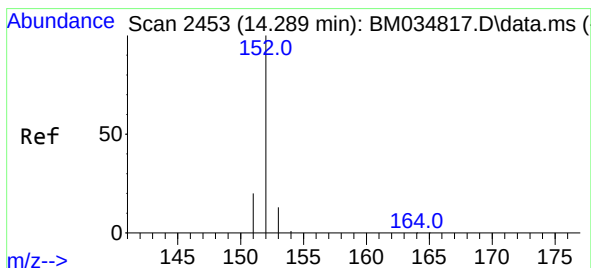
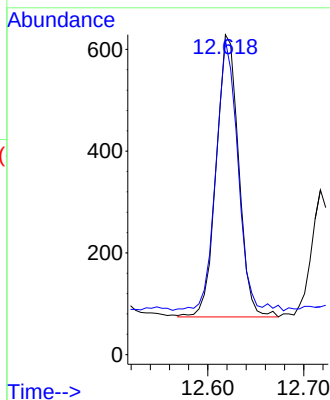
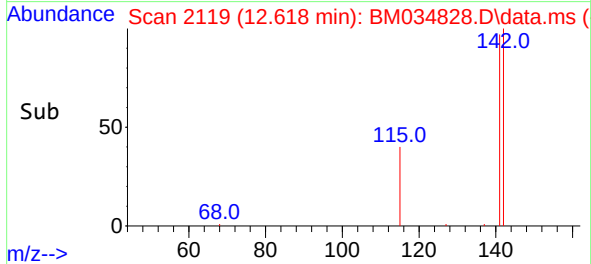
Instrument :
BNA_M
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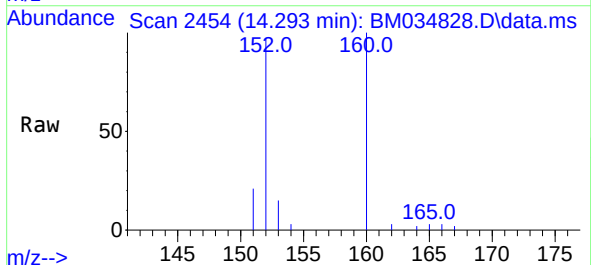
Tgt Ion:142 Resp: 899
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4

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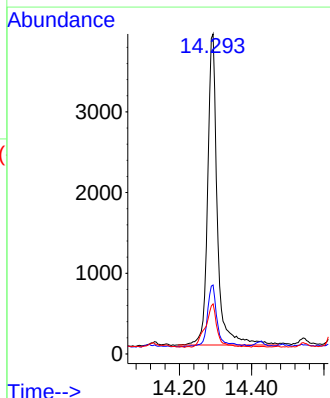
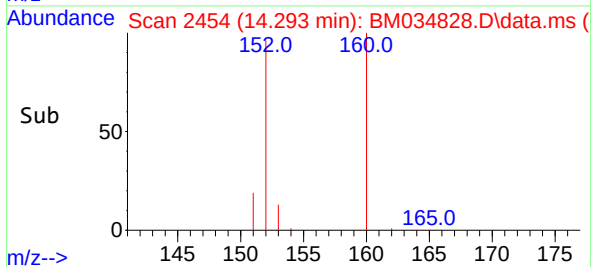
Reviewed By :Jagrut Upadhyay 04/26/2022
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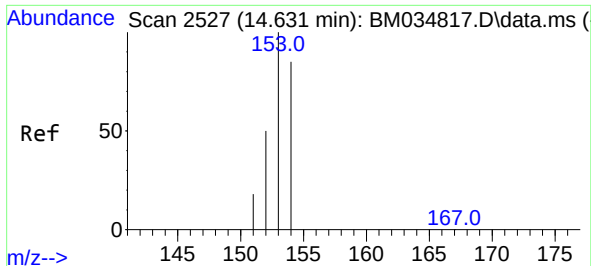


#10
Acenaphthylene
Concen: 0.210 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



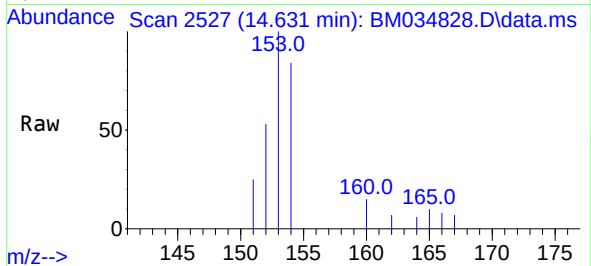
Tgt Ion:152 Resp: 7192
Ion Ratio Lower Upper
152 100
151 21.5 19.9 29.9
153 15.6 15.0 22.4





#11
Acenaphthene
Concen: 0.054 ng/u1
RT: 14.631 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

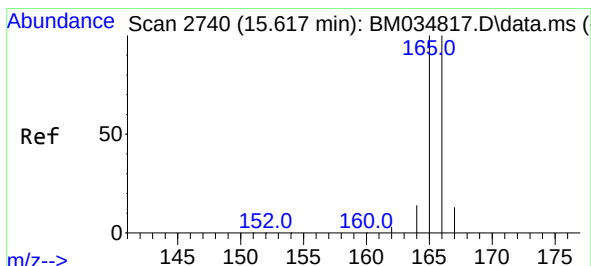
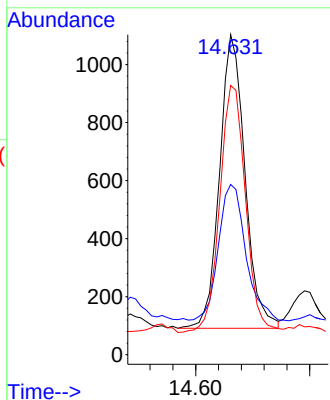
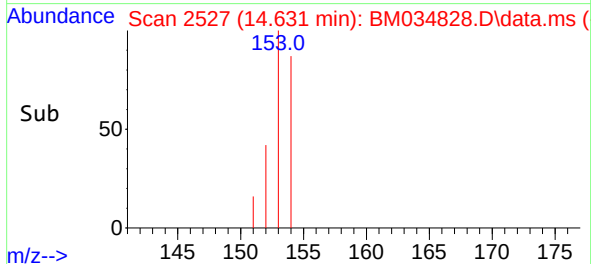
Instrument :
BNA_M
ClientSampleId :
BFFF1



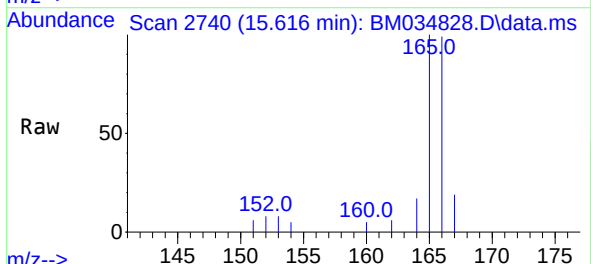
Tgt Ion:153 Resp: 1564
Ion Ratio Lower Upper
153 100
152 53.2 42.4 63.6
154 84.1 66.2 99.2

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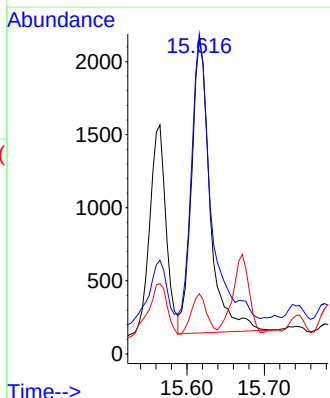
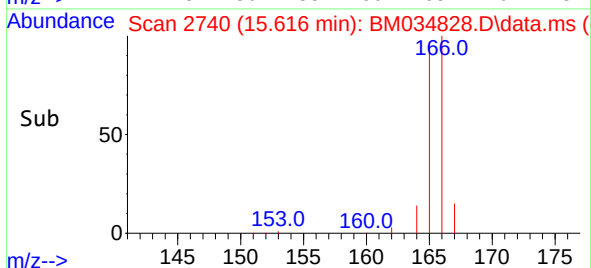
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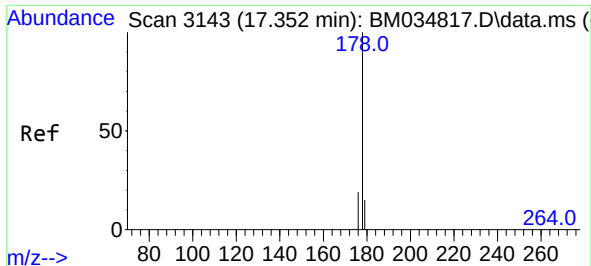


#12
Fluorene
Concen: 0.102 ng/u1
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



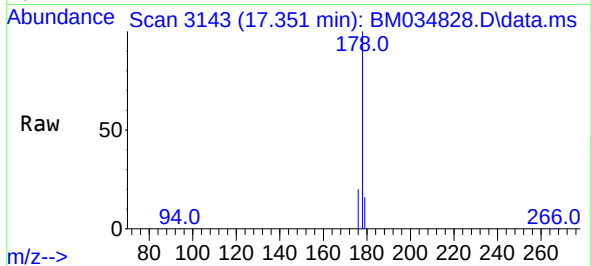
Tgt Ion:166 Resp: 3333
Ion Ratio Lower Upper
166 100
165 101.5 81.1 121.7
167 19.1 14.9 22.3





#15
Phenanthrene
Concen: 1.690 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

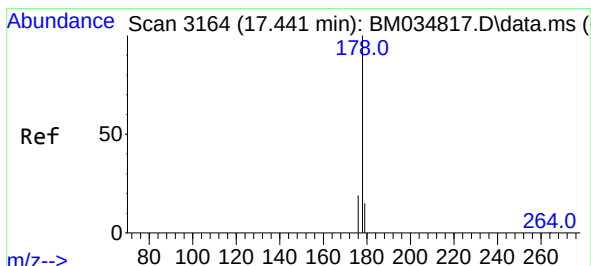
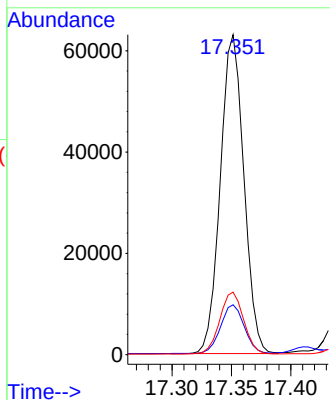
Instrument :
BNA_M
ClientSampleId :
BFFF1



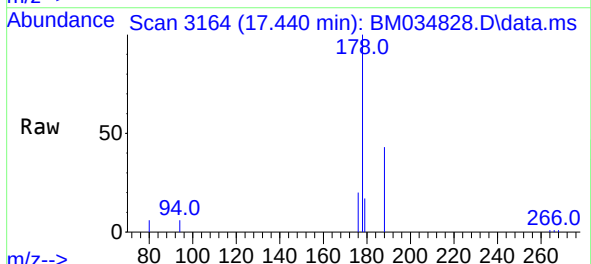
Tgt Ion:178 Resp: 8682
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.6 17.9 26.9

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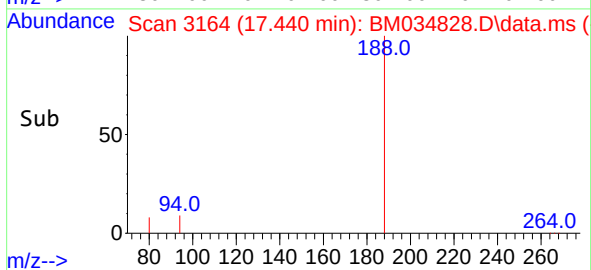
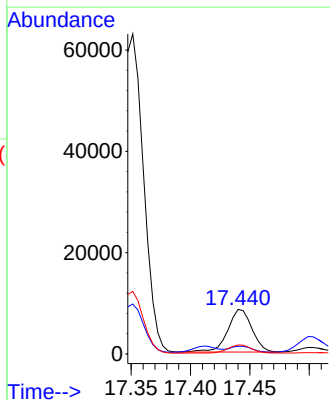
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

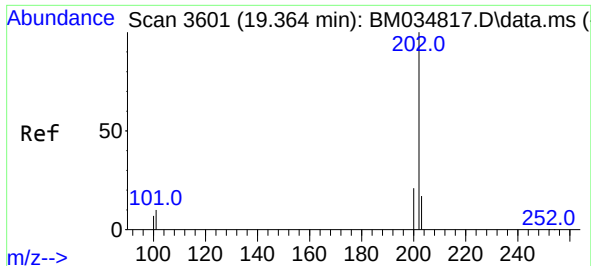


#16
Anthracene
Concen: 0.260 ng/u1
RT: 17.440 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



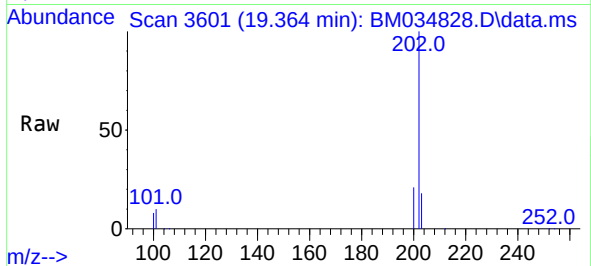
Tgt Ion:178 Resp: 11895
Ion Ratio Lower Upper
178 100
179 17.3 16.5 24.7
176 20.1 18.3 27.5





#19
Fluoranthene
Concen: 3.356 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

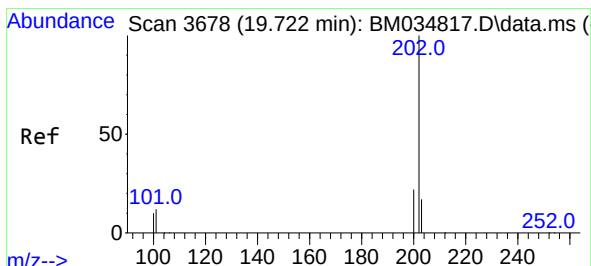
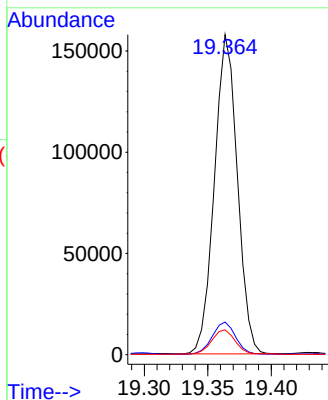
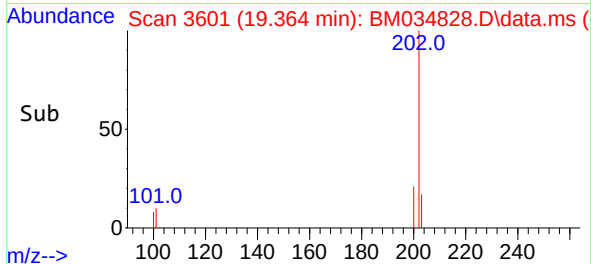
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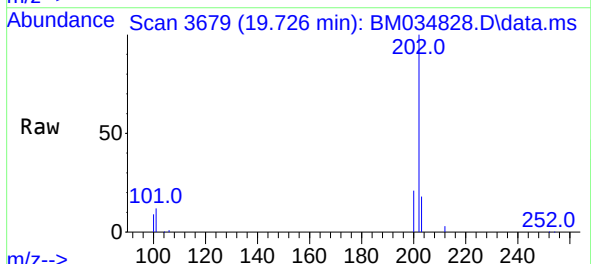
Tgt Ion:202 Resp: 197902
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 7.7 7.2 10.8

Manual Integrations
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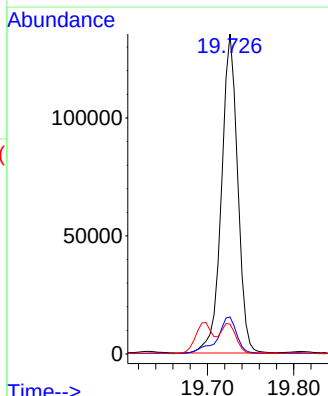
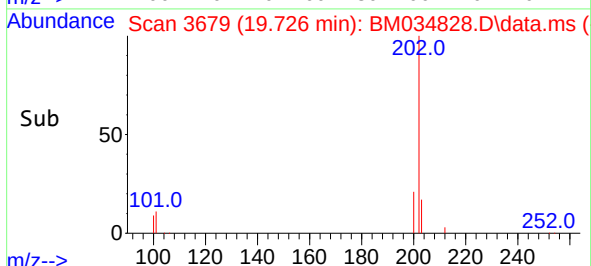
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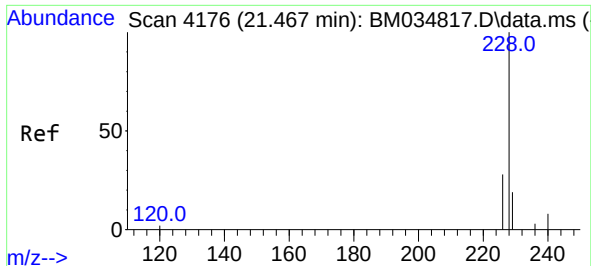


#20
Pyrene
Concen: 2.987 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



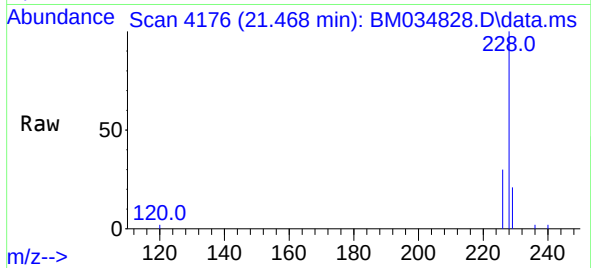
Tgt Ion:202 Resp: 176885
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.475 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

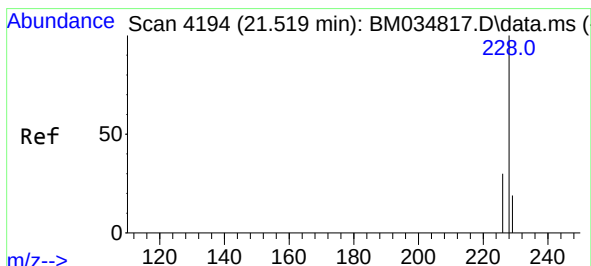
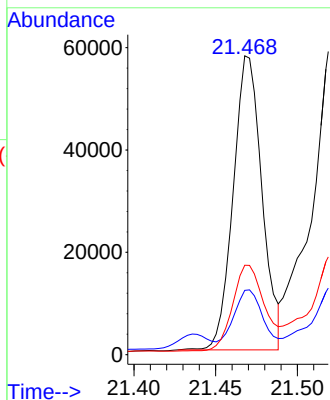
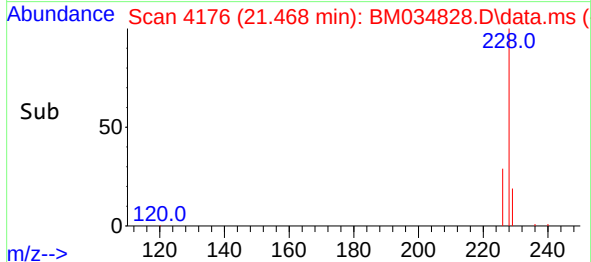
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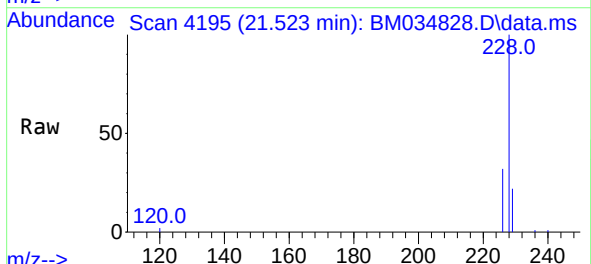
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Ion Ratio Lower Upper
228 100
229 21.5 17.3 25.9
226 29.9 23.2 34.8

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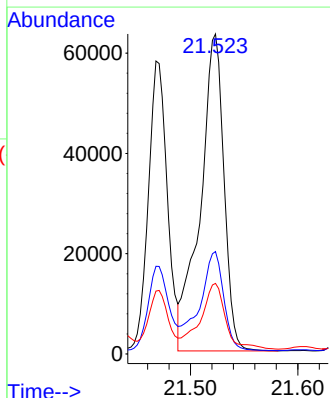
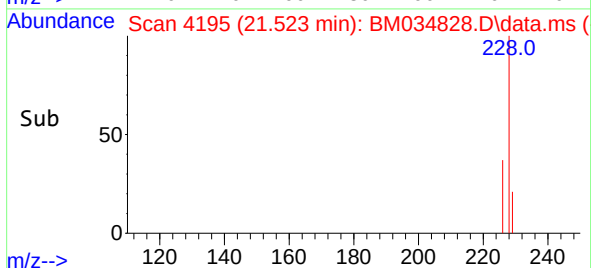
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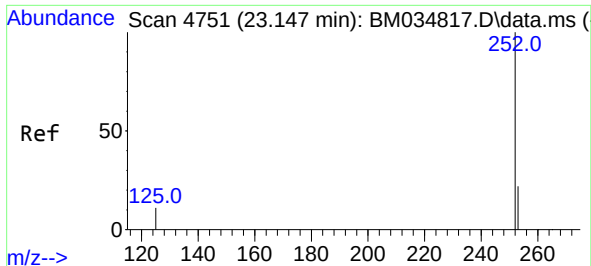


#22
Chrysene
Concen: 1.907 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



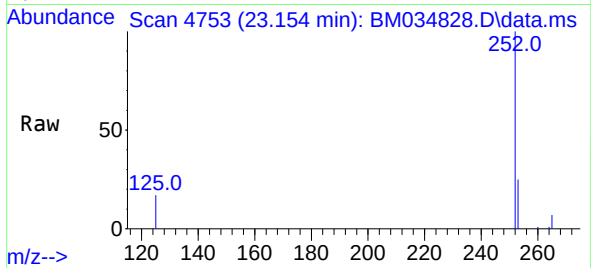
Tgt Ion:228 Resp: 97165
Ion Ratio Lower Upper
228 100
226 32.0 25.8 38.8
229 22.1 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.080 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

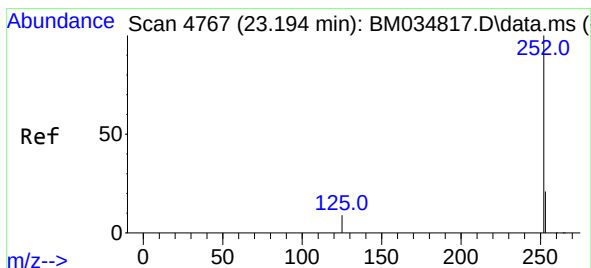
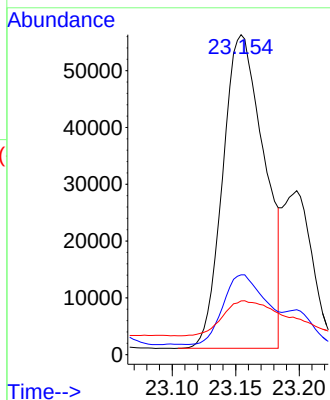
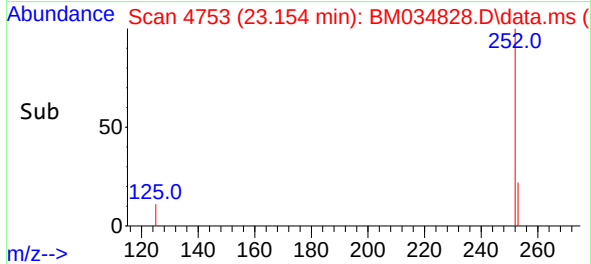
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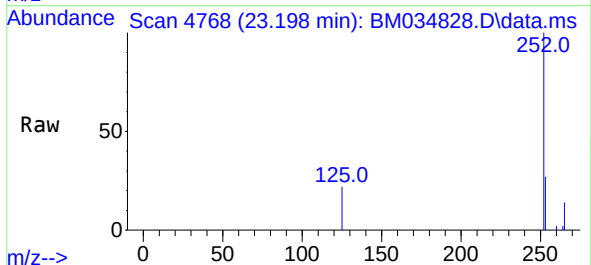
Tgt Ion:252 Resp: 12556
Ion Ratio Lower Upper
252 100
253 25.0 0.0 64.2
125 16.8 0.0 28.8

Manual Integrations
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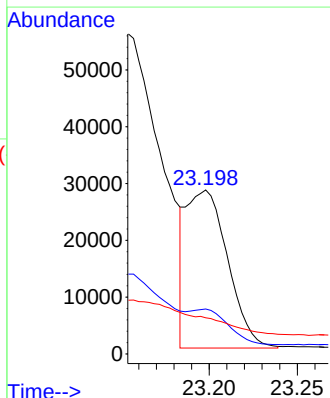
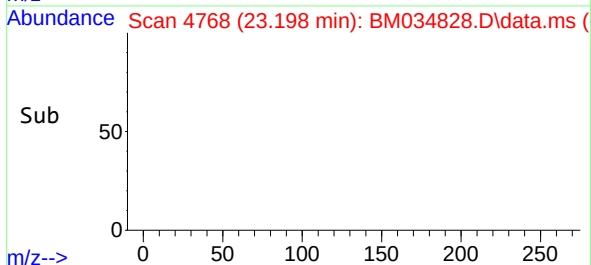
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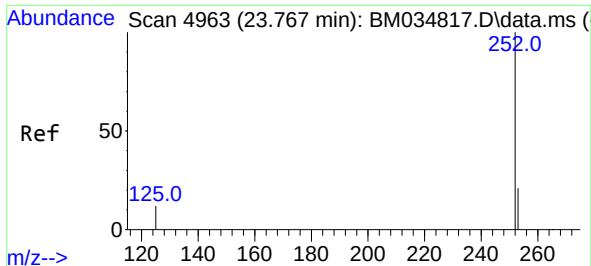


#25
Benzo(k)fluoranthene
Concen: 0.754 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



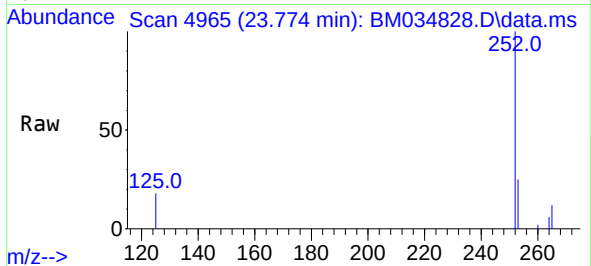
Tgt Ion:252 Resp: 45473
Ion Ratio Lower Upper
252 100
253 27.4 26.8 40.2
125 22.1 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 1.540 ng/ul
RT: 23.774 min Scan# 4965
Delta R.T. -0.001 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

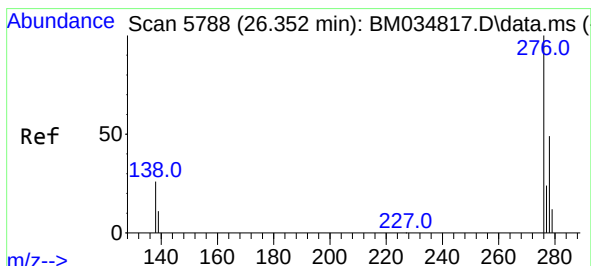
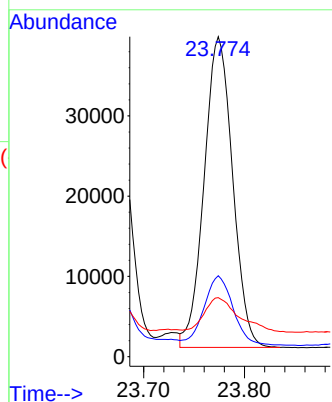
Instrument :
BNA_M
ClientSampleId :
BFFF1



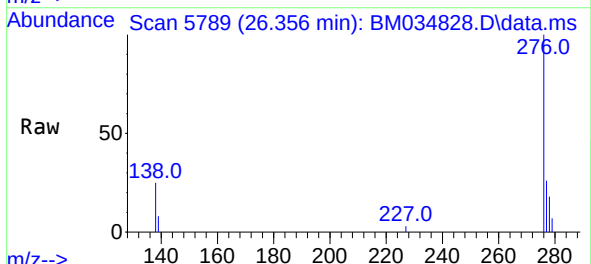
Tgt Ion:252 Resp: 75849
Ion Ratio Lower Upper
252 100
253 25.3 32.0 48.0
125 18.4 14.5 21.7

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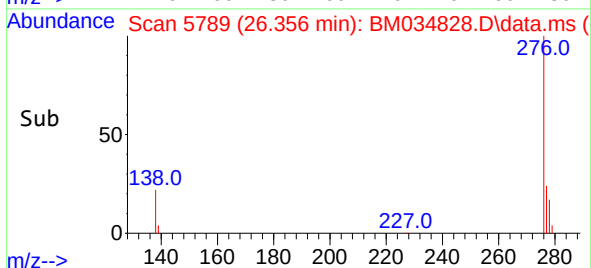
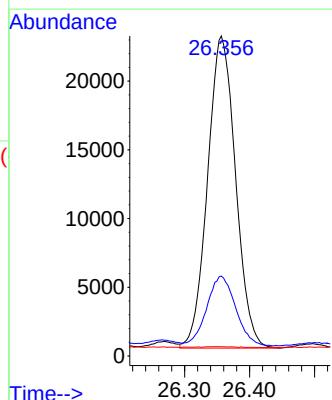
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

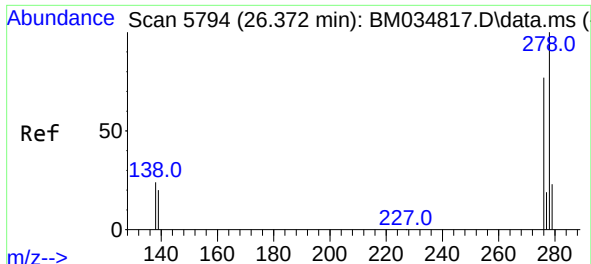


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.981 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08



Tgt Ion:276 Resp: 67854
Ion Ratio Lower Upper
276 100
138 23.2 15.8 23.6
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.279 ng/ul
RT: 26.370 min Scan# 5794
Delta R.T. -0.015 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

Instrument :

BNA_M

ClientSampleId :

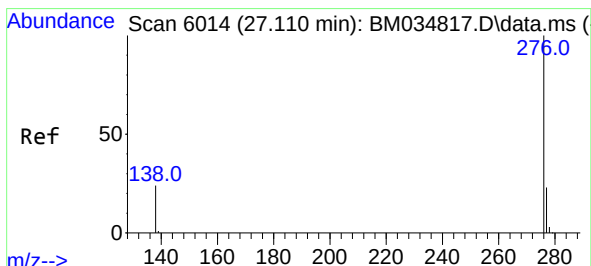
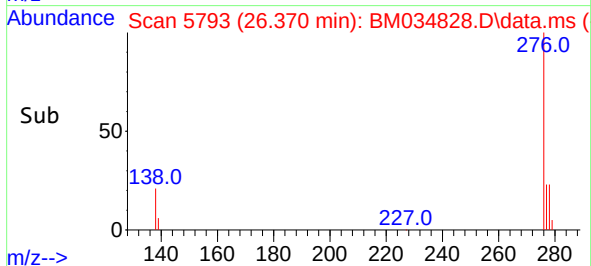
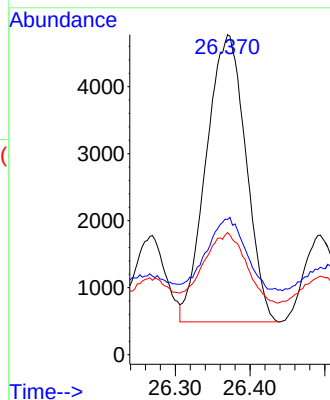
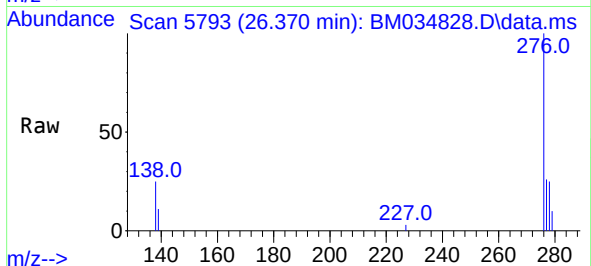
BFFF1

Tgt Ion:278 Resp: 15718
Ion Ratio Lower Upper
278 100
139 42.2 18.0 27.0
279 38.1 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: 1.038 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.001 min
Lab File: BM034828.D
Acq: 26 Apr 2022 09:08

Tgt Ion:276 Resp: 61970
Ion Ratio Lower Upper
276 100
138 26.3 17.4 26.0
277 25.7 22.6 33.8

