

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034516.D
 Acq On : 06 Apr 2022 14:55
 Operator : CG/JU
 Sample : N2183-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R32DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 14:31:47 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 : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	2419	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.729	136	6471	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.560	164	3422	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	5544	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	4208	0.400	ng/ul	# 0.00
23) Perylene-d12	23.886	264	2352m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	2556	0.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	330	0.039	ng/ul	0.02
18) Fluoranthene-d10	19.329	212	734	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.779	128	665	0.033	ng/ul#	78
7) 2-Methylnaphthalene	12.423	142	406	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	316	0.028	ng/ul	97
10) Acenaphthylene	14.277	152	1222	0.077	ng/ul	94
11) Acenaphthene	14.620	153	268	0.021	ng/ul#	87
12) Fluorene	15.610	166	356	0.027	ng/ul#	91
15) Phenanthrene	17.341	178	5788	0.321	ng/ul	98
16) Anthracene	17.438	178	1640	0.120	ng/ul#	89
19) Fluoranthene	19.357	202	15573	0.882	ng/ul	100
20) Pyrene	19.715	202	14198	0.688	ng/ul#	93
21) Benzo(a)anthracene	21.501	228	4794	0.524	ng/ul#	91
22) Chrysene	21.518	228	4660m	0.431	ng/ul	
24) Benzo(b)fluoranthene	23.152	252	6015	0.782	ng/ul#	79
25) Benzo(k)fluoranthene	23.187	252	2935m	0.428	ng/ul	
26) Benzo(a)pyrene	23.778	252	2759	0.307	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.401	276	2456	0.227	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.414	278	460	0.058	ng/ul#	1
29) Benzo(g,h,i)perylene	27.169	276	1957	0.167	ng/ul#	70

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

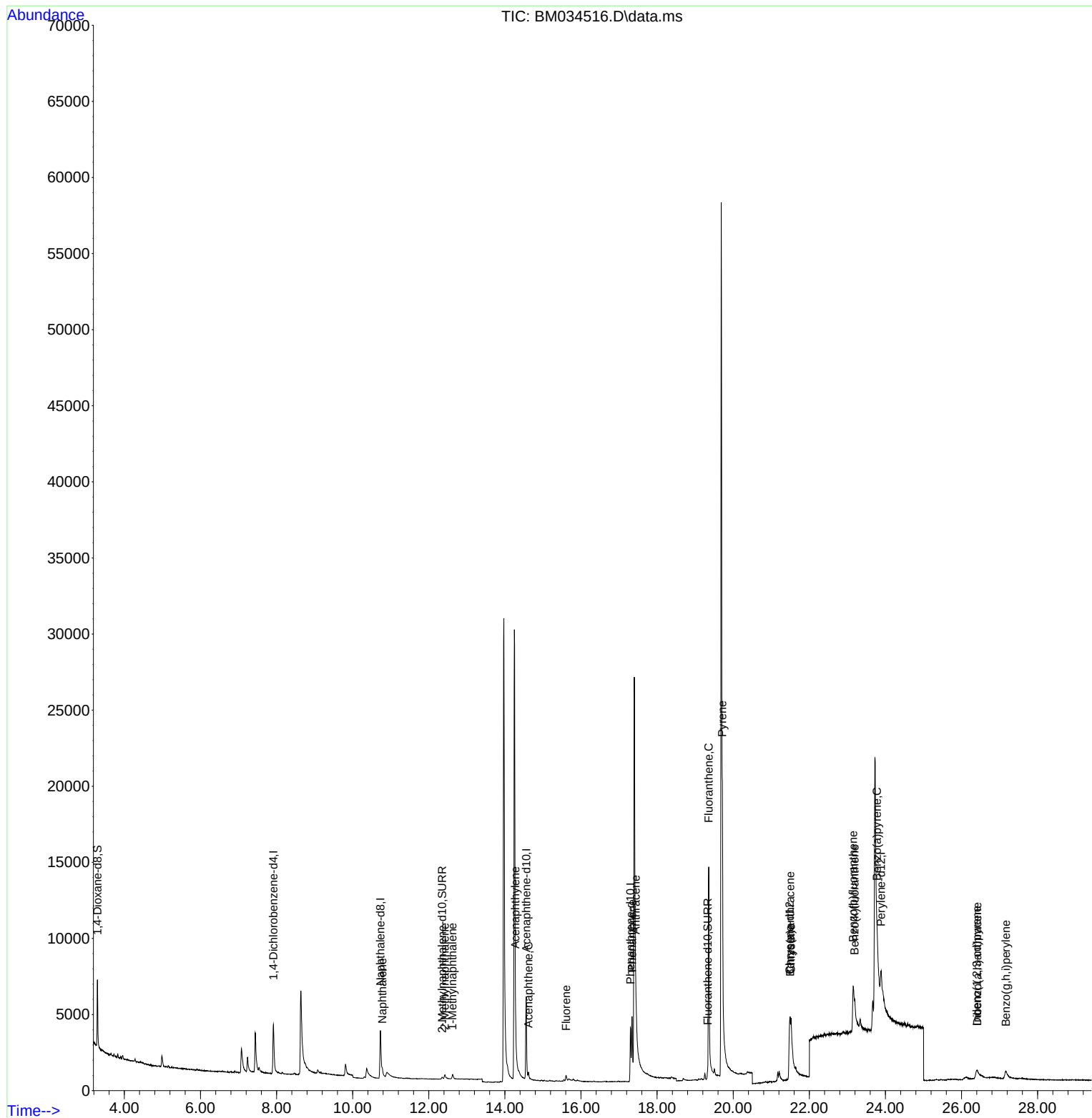
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034516.D
Acq On : 06 Apr 2022 14:55
Operator : CG/JU
Sample : N2183-05DL 5X
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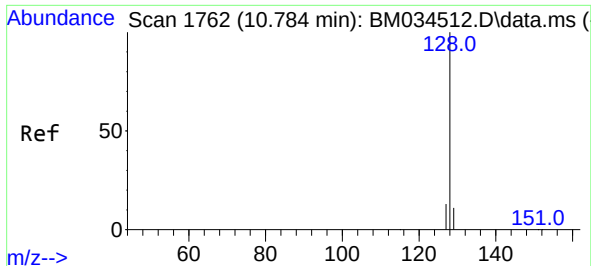
Instrument :
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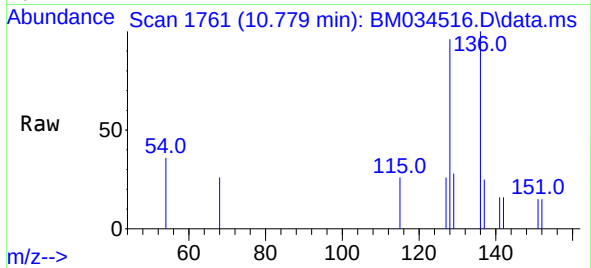
Quant Time: Apr 07 14:31:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.779 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

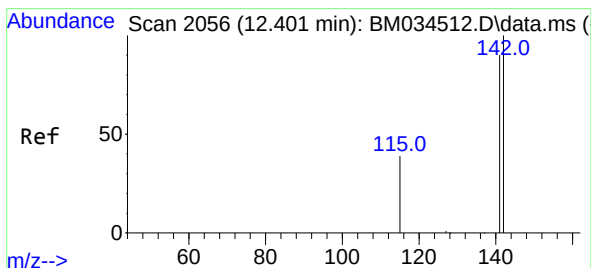
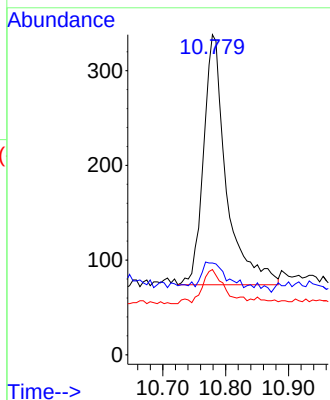
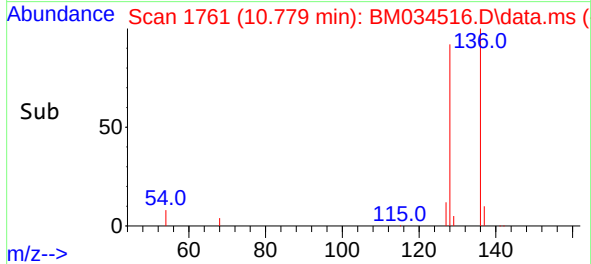
Instrument :
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ClientSampleId :
C0R32DL



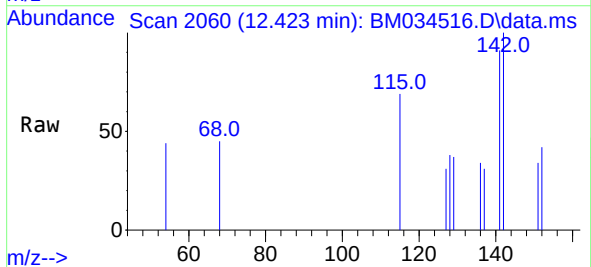
Tgt Ion:128 Resp: 66
Ion Ratio Lower Upper
128 100
129 28.7 13.4 20.2
127 26.6 15.2 22.8

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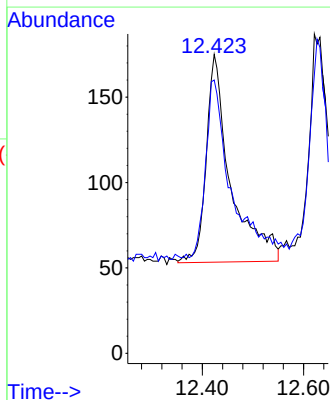
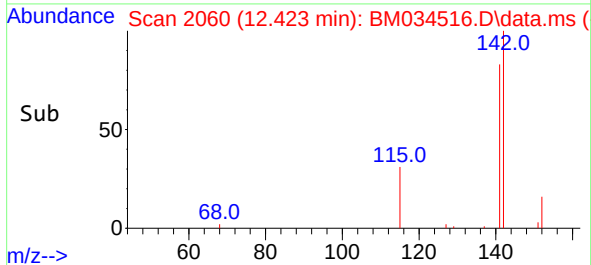
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

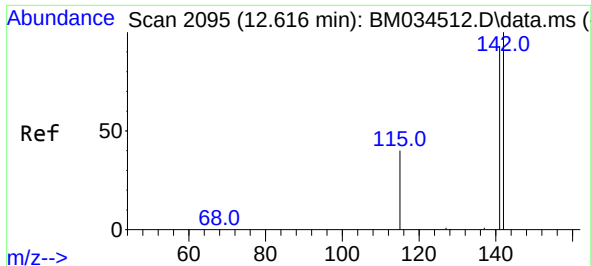


#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.016 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



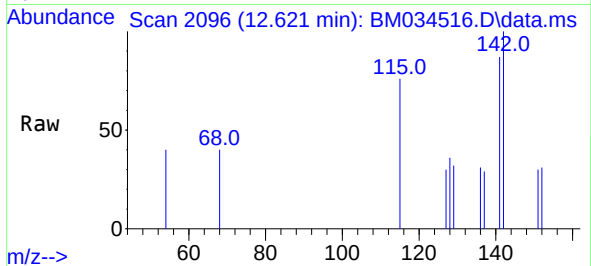
Tgt Ion:142 Resp: 406
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

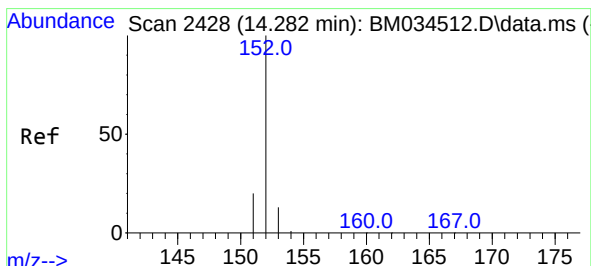
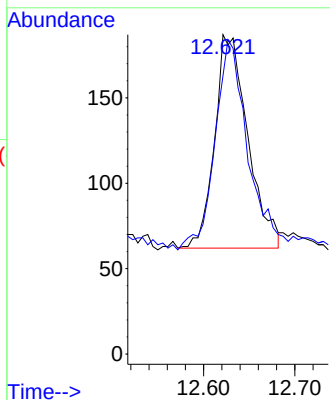
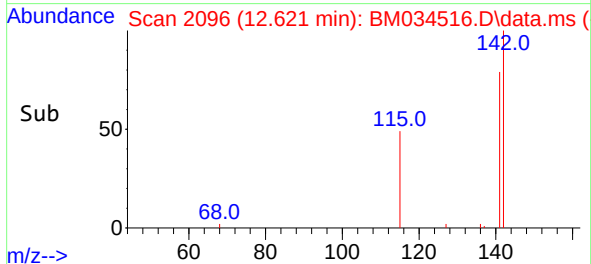
Instrument :
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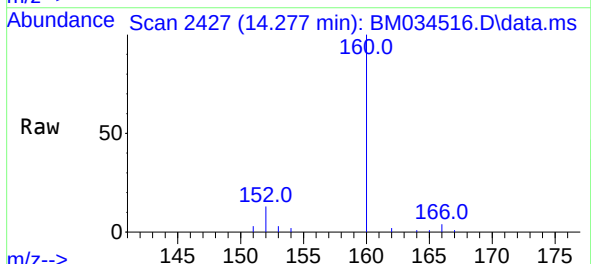
Tgt Ion:142 Resp: 310
Ion Ratio Lower Upper
142 100
141 96.8 75.0 112.4

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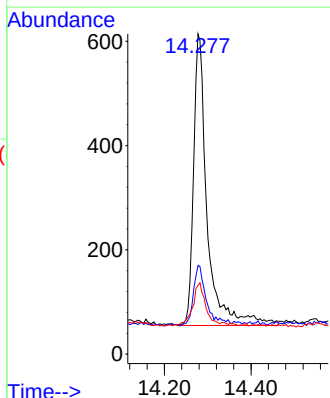
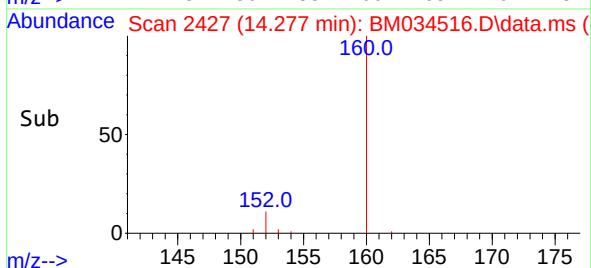
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

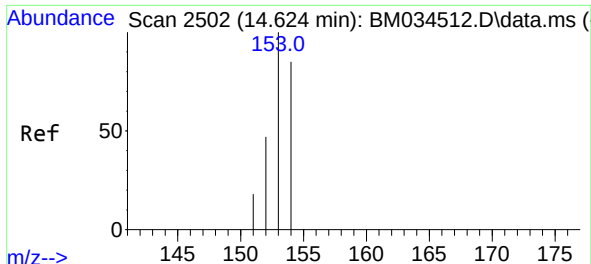


#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 14.277 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



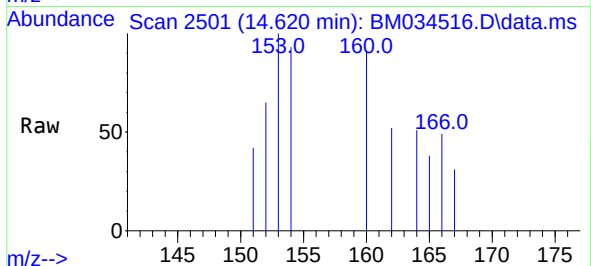
Tgt Ion:152 Resp: 1222
Ion Ratio Lower Upper
152 100
151 27.7 19.9 29.9
153 21.5 15.0 22.4





#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.620 min Scan# 2501
Delta R.T. -0.005 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

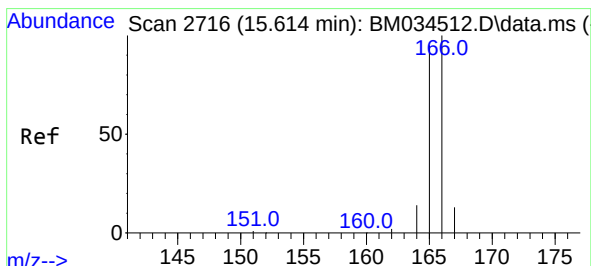
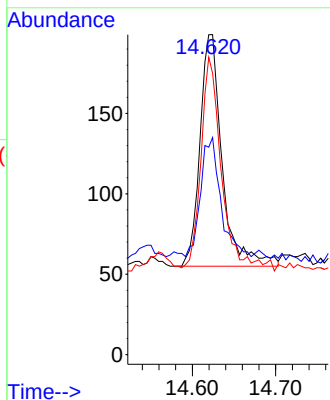
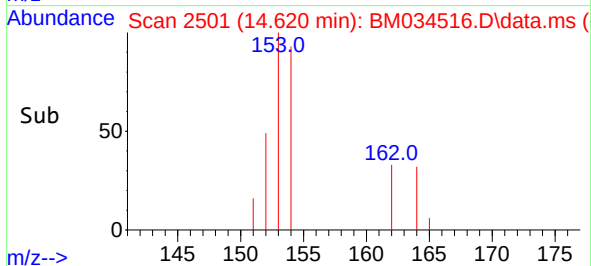
Instrument :
BNA_M
ClientSampleId :
C0R32DL



Tgt Ion:153 Resp: 268
Ion Ratio Lower Upper
153 100
152 64.8 42.4 63.6
154 93.0 66.2 99.2

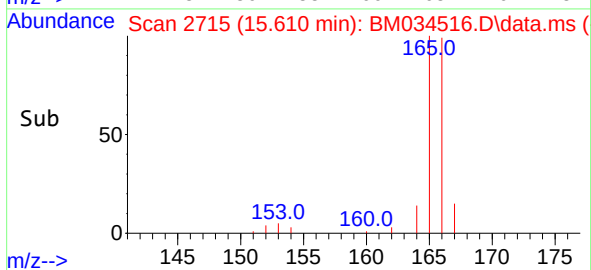
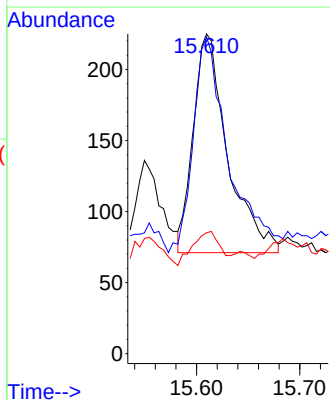
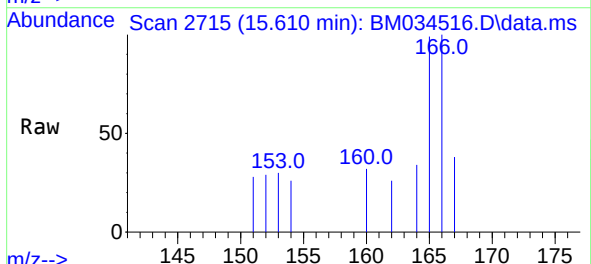
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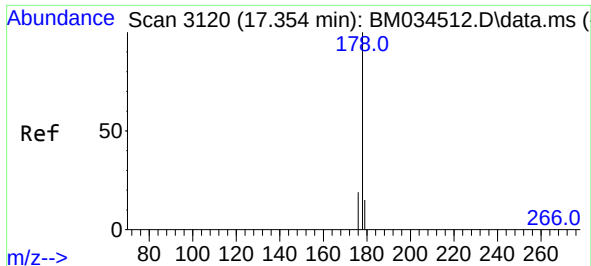
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.610 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

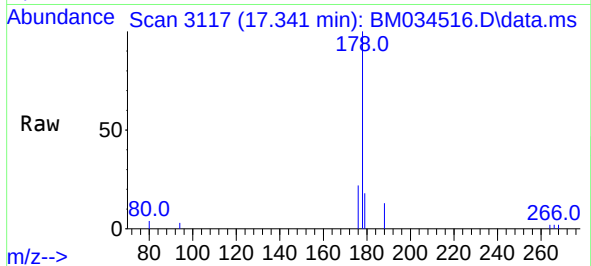
Tgt Ion:166 Resp: 356
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 37.8 14.9 22.3#





#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.341 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

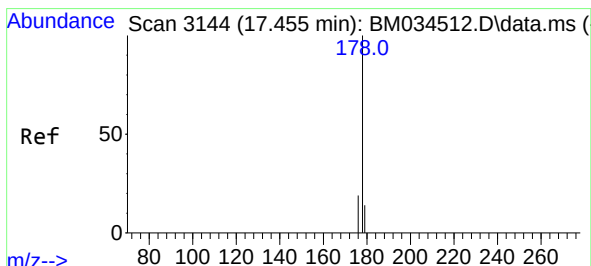
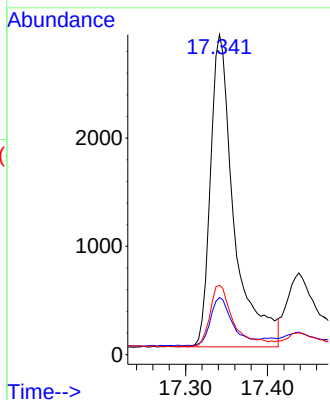
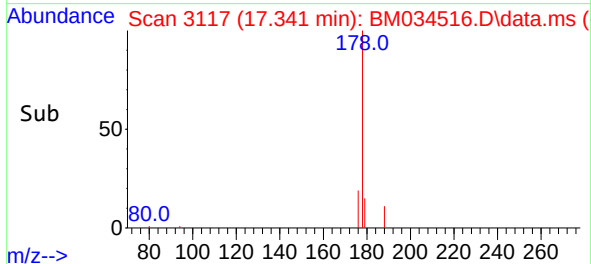
Instrument :
BNA_M
ClientSampleId :
C0R32DL



Tgt Ion:178 Resp: 5788
Ion Ratio Lower Upper
178 100
179 17.8 15.0 22.6
176 21.6 17.9 26.9

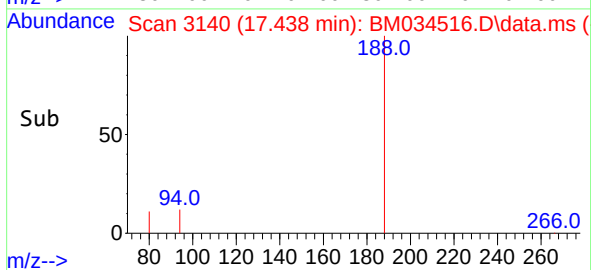
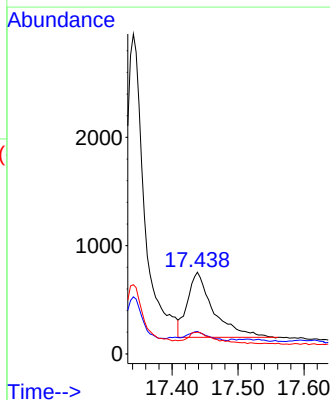
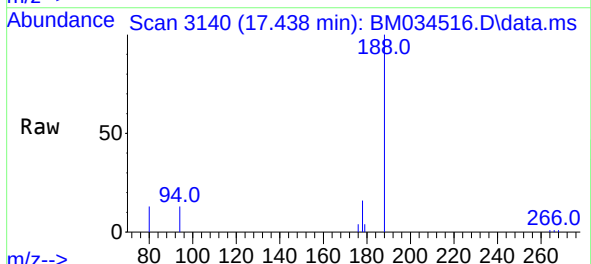
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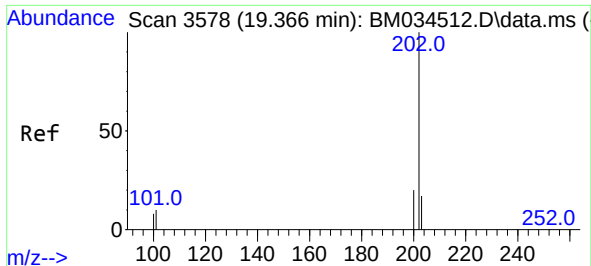
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#16
Anthracene
Concen: 0.120 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

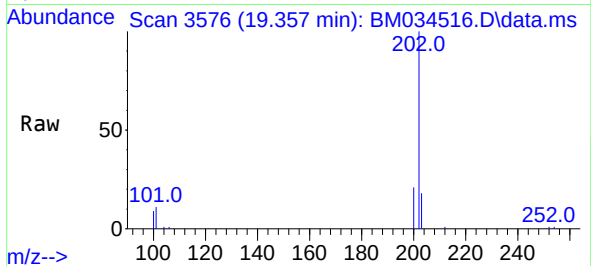
Tgt Ion:178 Resp: 1640
Ion Ratio Lower Upper
178 100
179 27.5 16.5 24.7#
176 26.6 18.3 27.5





#19
Fluoranthene
Concen: 0.882 ng/u1
RT: 19.357 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

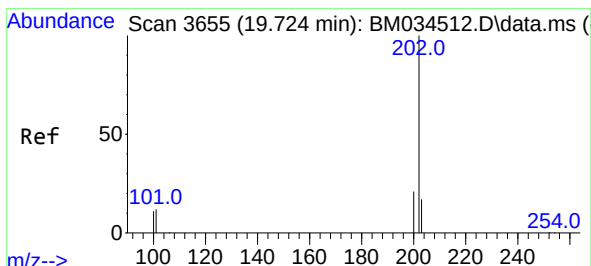
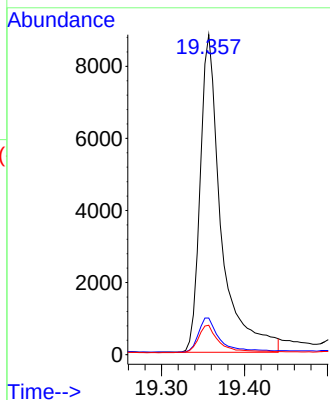
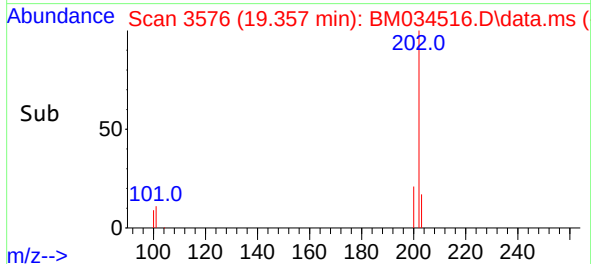
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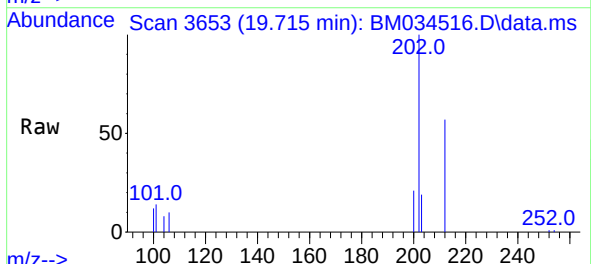
Tgt Ion:202 Resp: 1557
Ion Ratio Lower Upper
202 100
101 11.5 9.2 13.8
100 9.2 7.2 10.8

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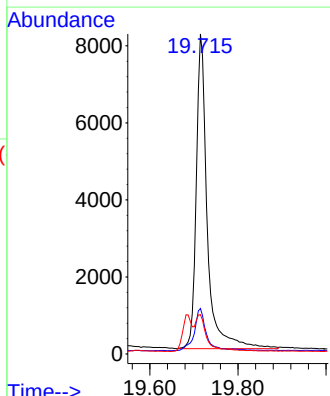
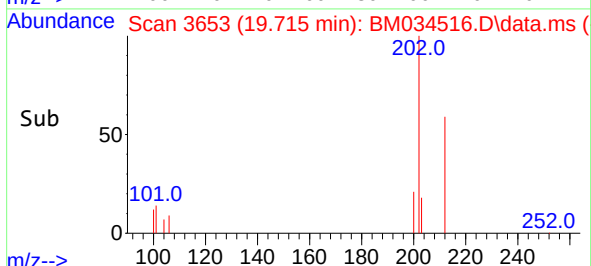
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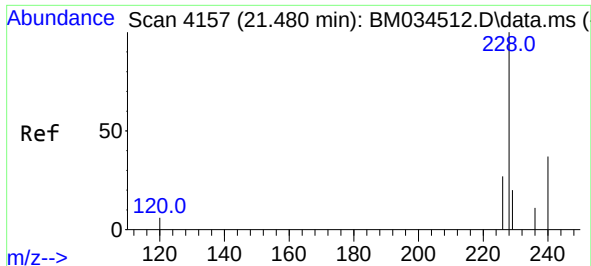


#20
Pyrene
Concen: 0.688 ng/u1
RT: 19.715 min Scan# 3653
Delta R.T. -0.009 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



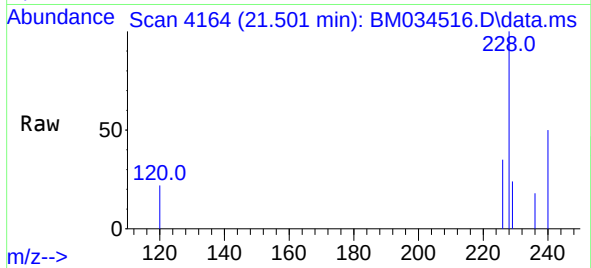
Tgt Ion:202 Resp: 14198
Ion Ratio Lower Upper
202 100
101 14.2 9.3 13.9#
100 12.3 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.524 ng/ul
RT: 21.501 min Scan# 4157
Delta R.T. 0.021 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

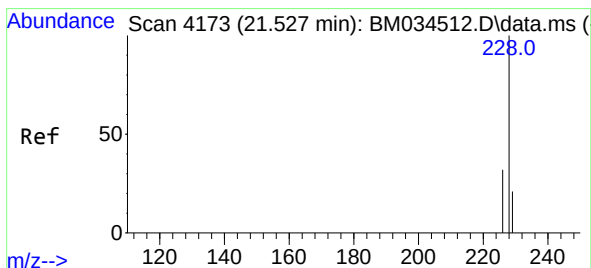
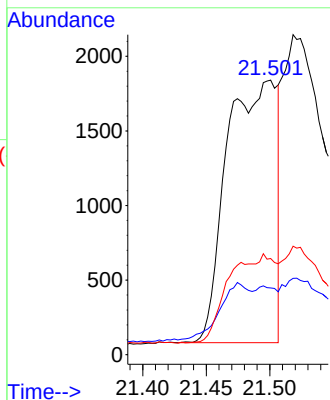
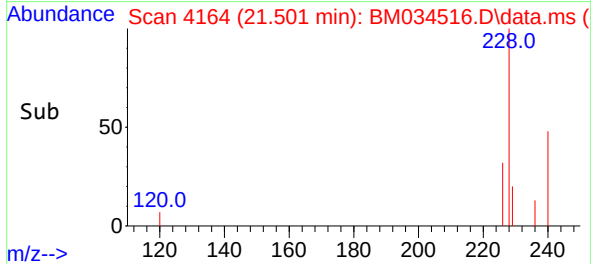
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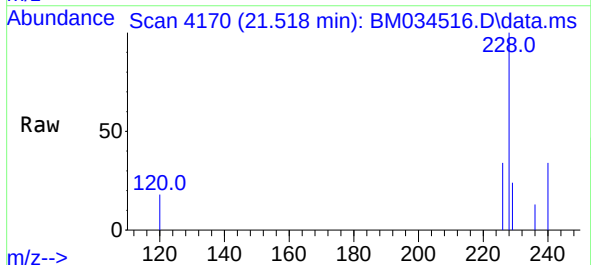
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Ion Ratio Lower Upper
228 100
229 24.3 17.3 25.9
226 35.0 23.2 34.8

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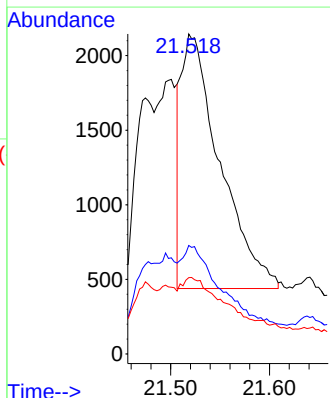
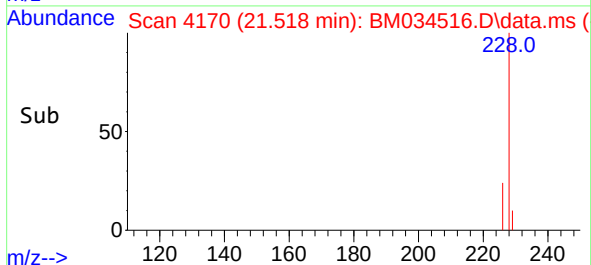
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Supervised By :Yogesh Patel 04/09/2022

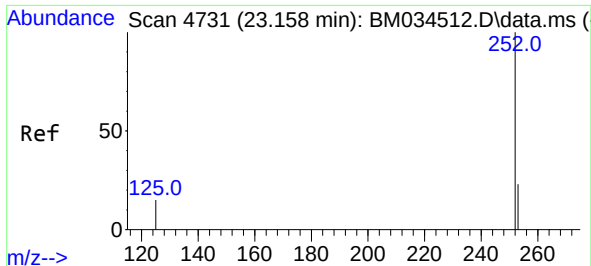


#22
Chrysene
Concen: 0.431 ng/ul m
RT: 21.518 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



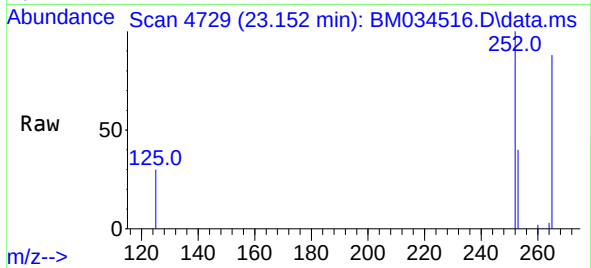
Tgt Ion:228 Resp: 4660
Ion Ratio Lower Upper
228 100
226 33.9 25.8 38.8
229 23.9 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.782 ng/ul
RT: 23.152 min Scan# 4729
Delta R.T. -0.009 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

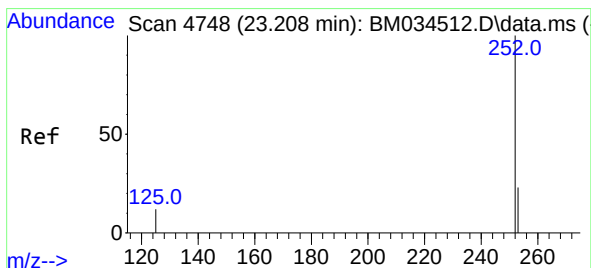
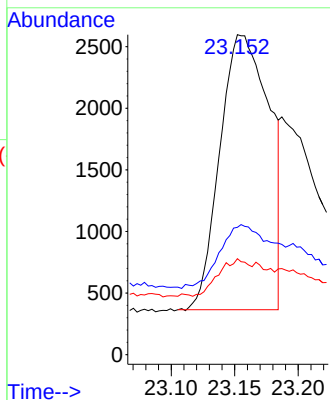
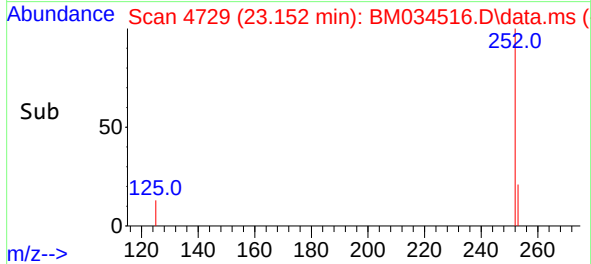
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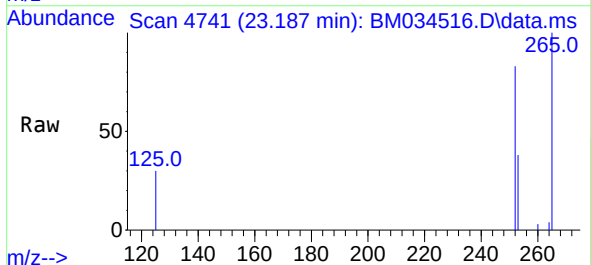
Tgt Ion:252 Resp: 6015
Ion Ratio Lower Upper
252 100
253 39.8 0.0 64.2
125 30.0 0.0 28.8

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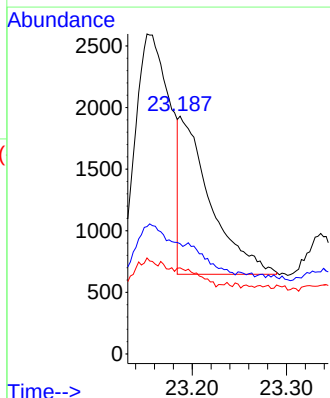
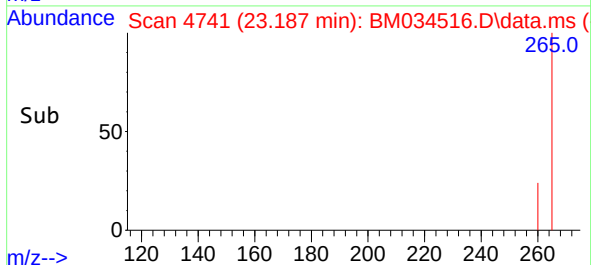
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

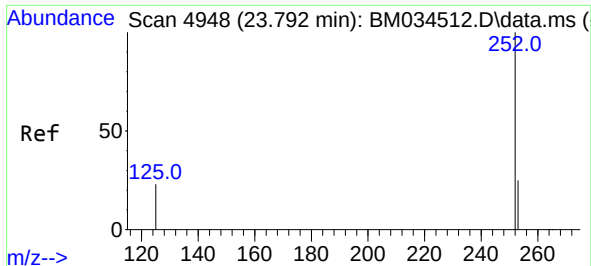


#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul m
RT: 23.187 min Scan# 4741
Delta R.T. -0.024 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



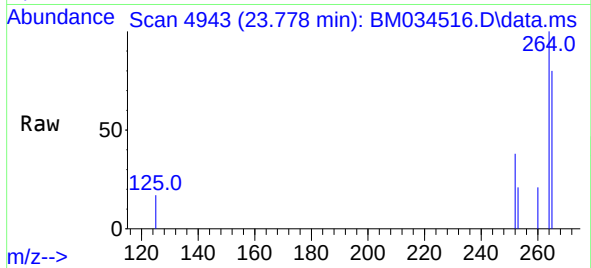
Tgt Ion:252 Resp: 2935
Ion Ratio Lower Upper
252 100
253 46.4 26.8 40.2#
125 36.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.307 ng/u1
RT: 23.778 min Scan# 4948
Delta R.T. -0.018 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

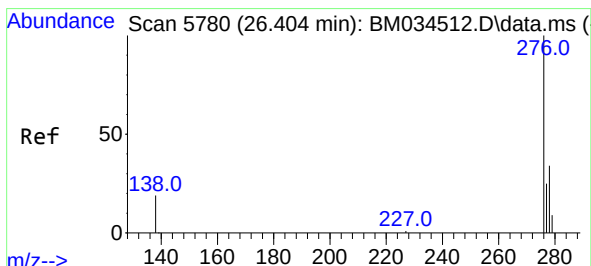
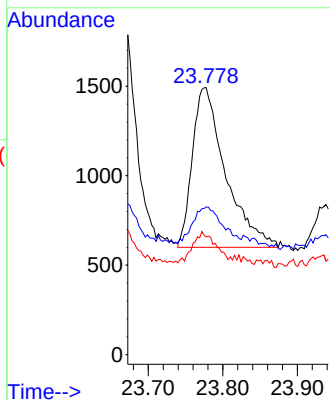
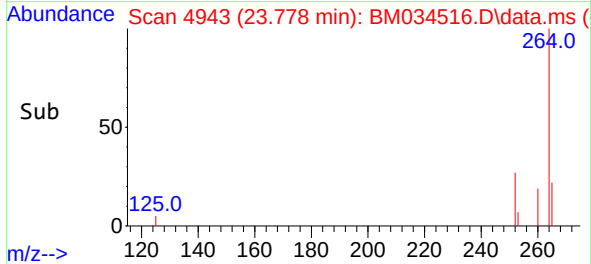
Instrument :
BNA_M
ClientSampleId :
C0R32DL



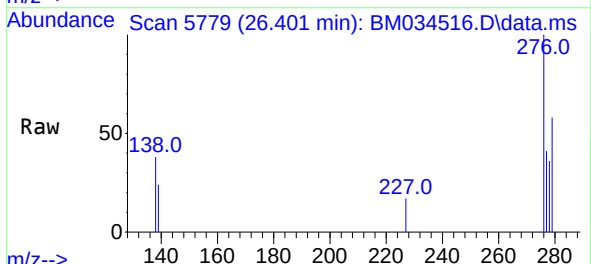
Tgt Ion:252 Resp: 2759
Ion Ratio Lower Upper
252 100
253 55.3 32.0 48.0
125 44.1 14.5 21.7

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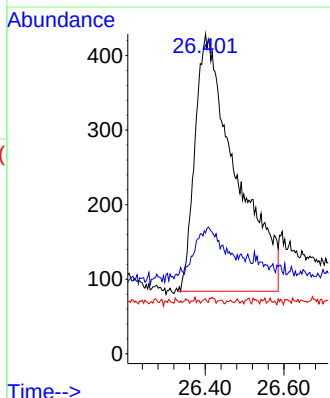
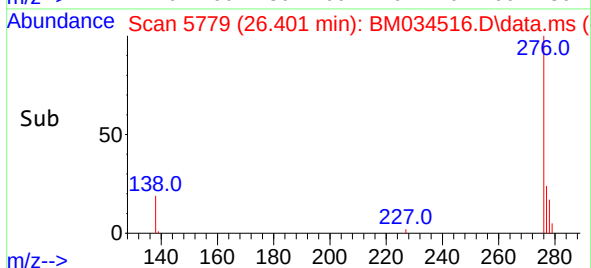
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

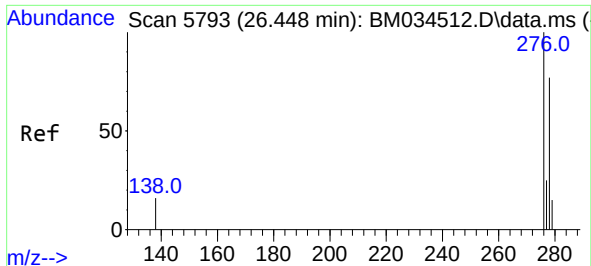


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.227 ng/u1
RT: 26.401 min Scan# 5779
Delta R.T. -0.010 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



Tgt Ion:276 Resp: 2456
Ion Ratio Lower Upper
276 100
138 15.8 15.8 23.6
227 0.2 0.0 0.0





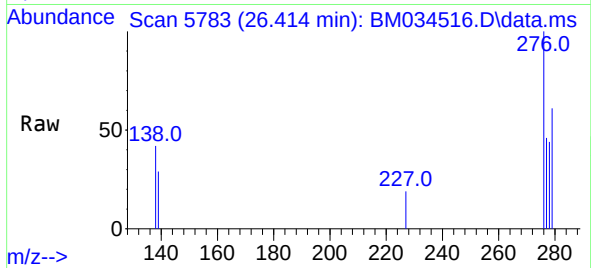
#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.414 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55

Instrument :

BNA_M

ClientSampleId :

C0R32DL

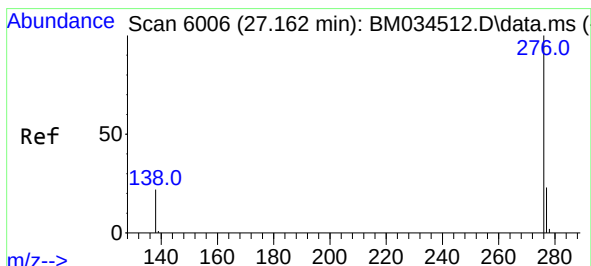
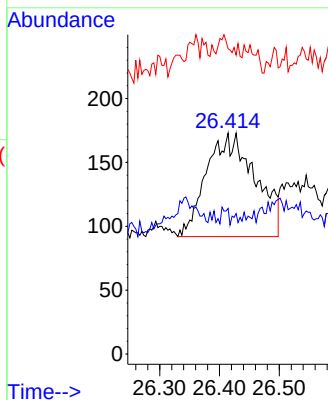
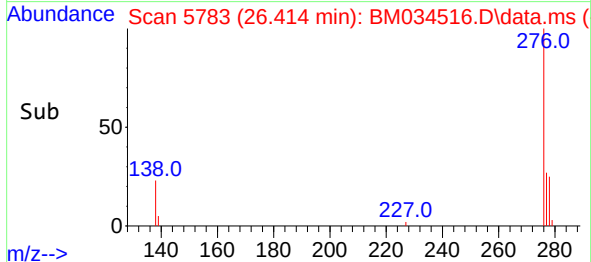


Tgt Ion:278 Resp: 460
Ion Ratio Lower Upper
278 100
139 65.9 18.0 27.0#
279 138.2 28.6 42.8#

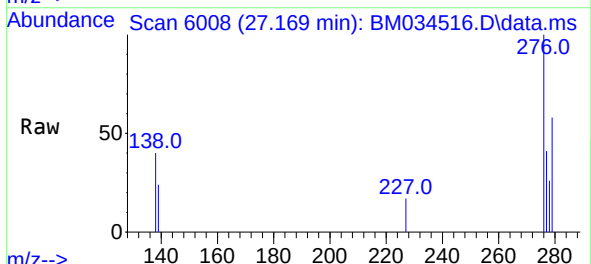
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 27.169 min Scan# 6008
Delta R.T. -0.000 min
Lab File: BM034516.D
Acq: 06 Apr 2022 14:55



Tgt Ion:276 Resp: 1957
Ion Ratio Lower Upper
276 100
138 39.5 17.4 26.0#
277 40.7 22.6 33.8#

