

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM12222\
 Data File : BM038251.D
 Acq On : 24 Dec 2022 02:22
 Operator : CG/JU
 Sample : N6015-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXU6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 03:03:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.030	152	4364	0.400	ng/ul	-0.01	
4) Naphthalene-d8	10.845	136	12966	0.400	ng/ul	-0.01	
9) Acenaphthene-d10	14.657	164	7349	0.400	ng/ul	0.00	
13) Phenanthrene-d10	17.400	188	15187	0.400	ng/ul	0.00	
17) Chrysene-d12	21.568	240	10029	0.400	ng/ul	# 0.00	
23) Perylene-d12	24.018	264	9839	0.400	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.393	96	14720	3.316	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.423	152	4367	0.229	ng/ul	-0.01	
18) Fluoranthene-d10	19.417	212	8521	0.226	ng/ul	0.00	
Target Compounds							
							Qvalue
5) Naphthalene	10.895	128	18847	0.496	ng/ul		99
7) 2-Methylnaphthalene	12.495	142	3966	0.168	ng/ul		99
8) 1-Methylnaphthalene	12.715	142	1598	0.066	ng/ul		99
10) Acenaphthylene	14.384	152	14295	0.352	ng/ul		99
11) Acenaphthene	14.722	153	1684	0.058	ng/ul		96
12) Fluorene	15.702	166	1793	0.057	ng/ul#		78
15) Phenanthrene	17.438	178	35551	0.699	ng/ul		99
16) Anthracene	17.531	178	12114	0.248	ng/ul		98
19) Fluoranthene	19.445	202	97215	1.769	ng/ul		99
20) Pyrene	19.812	202	75810m	1.365	ng/ul		
21) Benzo(a)anthracene	21.550	228	50699	1.153	ng/ul		96
22) Chrysene	21.606	228	51434	1.201	ng/ul		97
24) Benzo(b)fluoranthene	23.269	252	86768	1.992	ng/ul		92
25) Benzo(k)fluoranthene	23.313	252	28179m	0.674	ng/ul		
26) Benzo(a)pyrene	23.906	252	54457	1.433	ng/ul#		89
27) Indeno(1,2,3-cd)pyrene	26.572	276	46475	0.882	ng/ul#		89
28) Dibenzo(a,h)anthracene	26.579	278	11340	0.277	ng/ul#		85
29) Benzo(g,h,i)perylene	27.367	276	46439	1.047	ng/ul		97

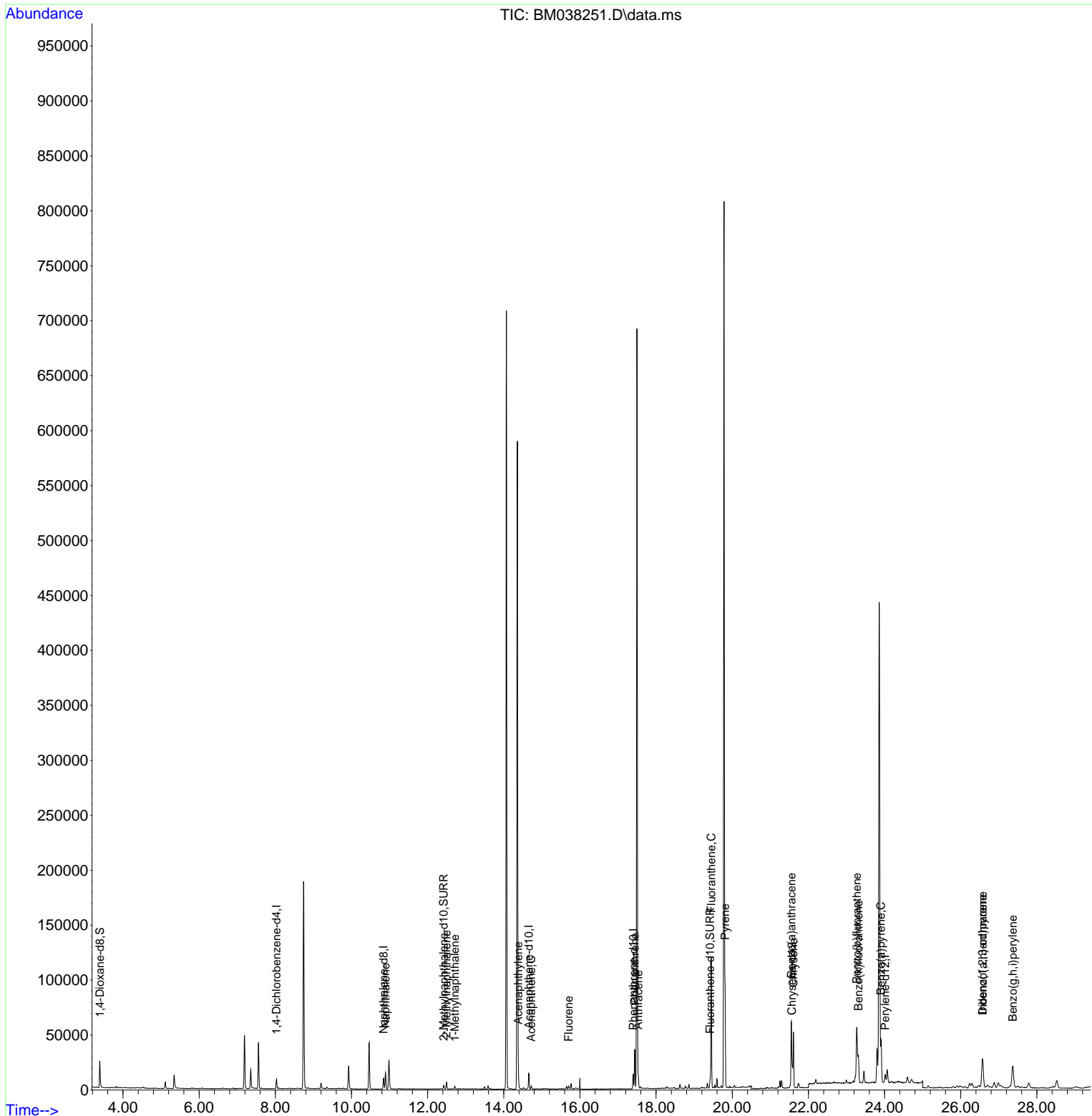
(#) = qualifier out of range (m) = manual integration (+) = signals summed

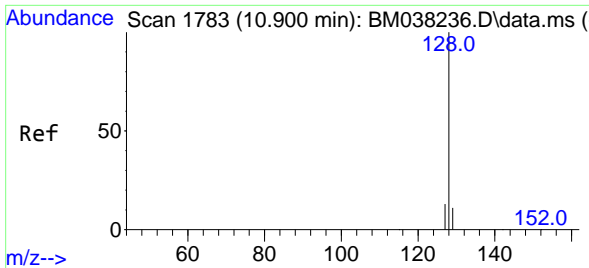
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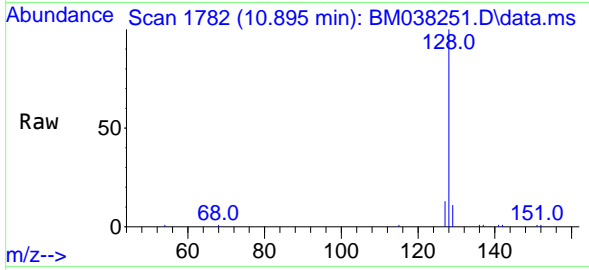
Manual Integrations
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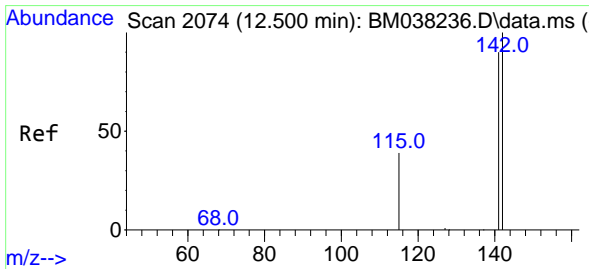
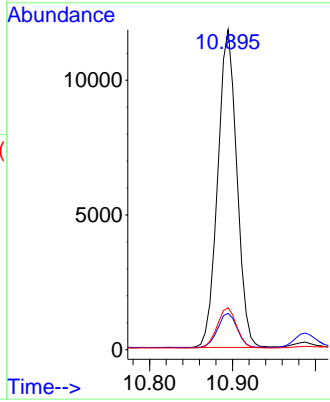
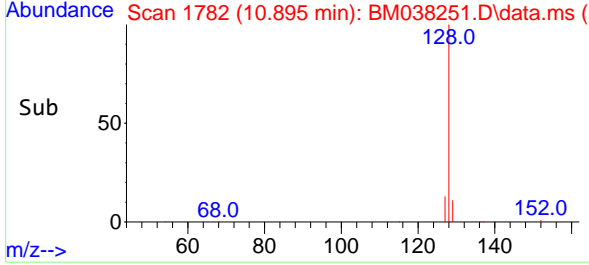
#5
 Naphthalene
 Concen: 0.496 ng/u1
 RT: 10.895 min Scan# 1784
 Delta R.T. -0.011 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument : BNA_M
 ClientSampleId : DBXU6

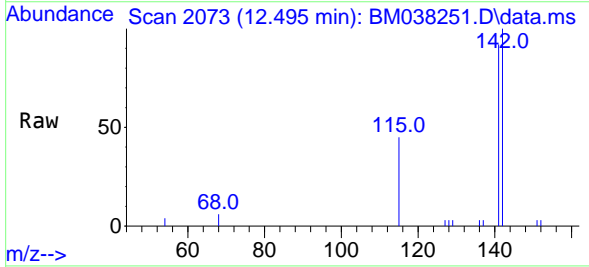


Tgt Ion:128 Resp: 1884
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.0
 127 13.1 10.7 16.1

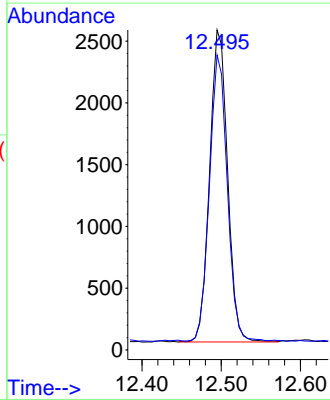
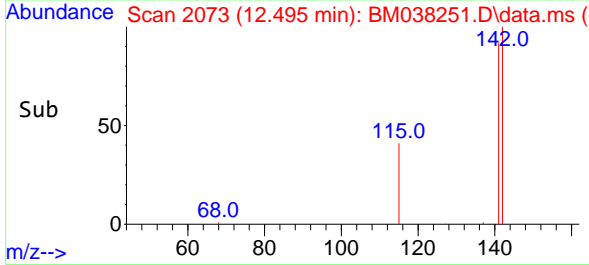
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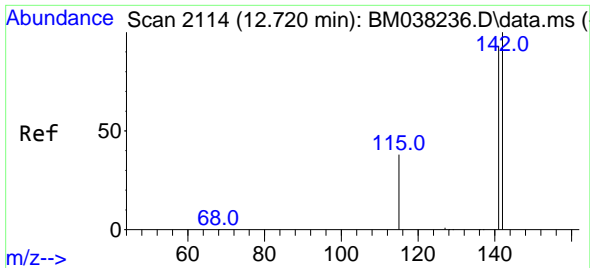


#7
 2-Methylnaphthalene
 Concen: 0.168 ng/u1
 RT: 12.495 min Scan# 2073
 Delta R.T. -0.011 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



Tgt Ion:142 Resp: 3966
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.9 107.9





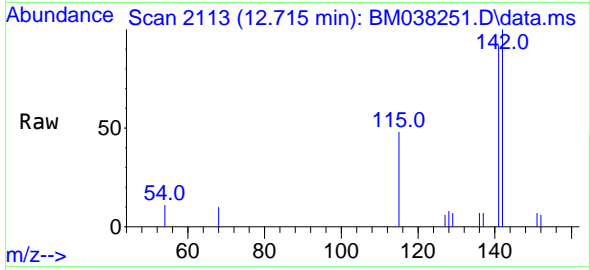
#8
 1-Methylnaphthalene
 Concen: 0.066 ng/u1
 RT: 12.715 min Scan# 2114
 Delta R.T. -0.011 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :

BNA_M

ClientSampleId :

DBXU6

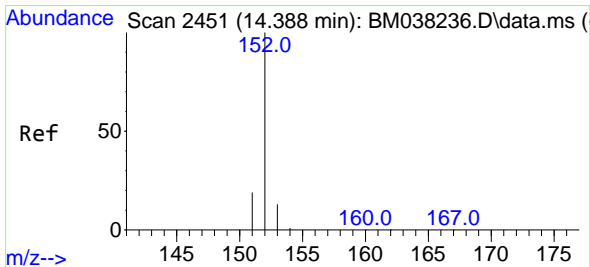
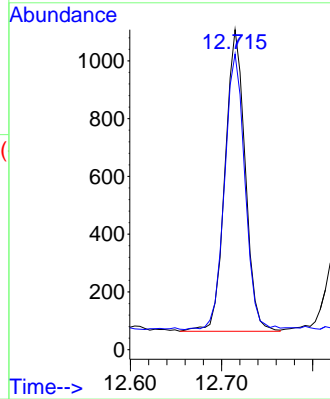
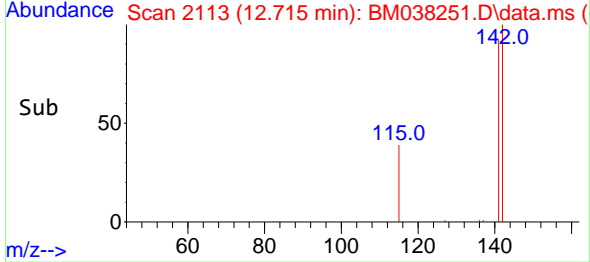


Tgt Ion:142 Resp: 1598
 Ion Ratio Lower Upper
 142 100
 141 92.7 74.7 112.1

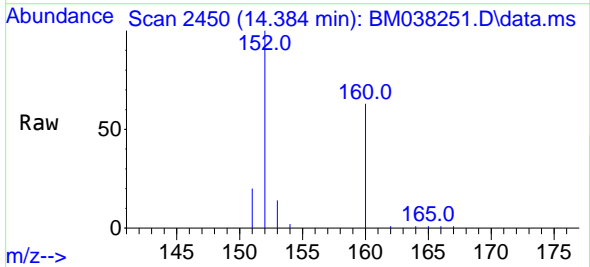
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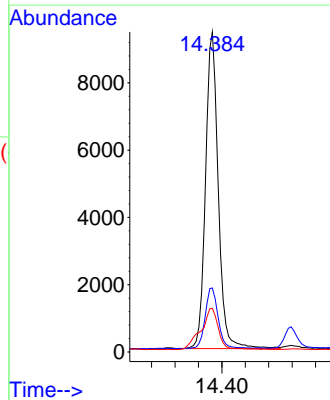
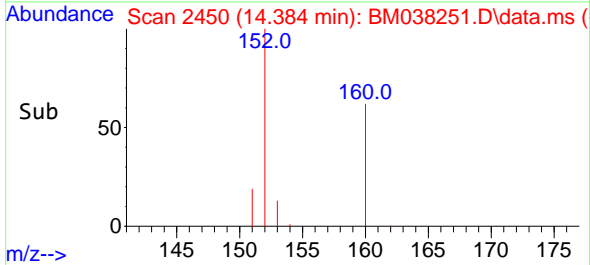
Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

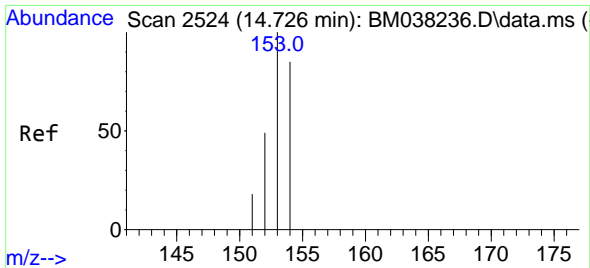


#10
 Acenaphthylene
 Concen: 0.352 ng/u1
 RT: 14.384 min Scan# 2450
 Delta R.T. -0.005 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



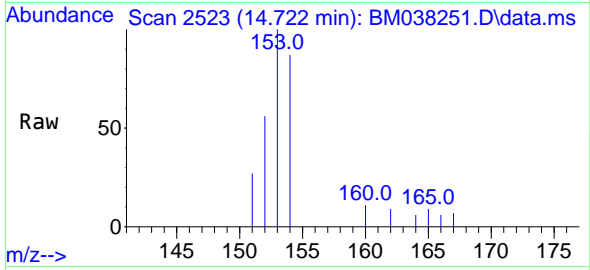
Tgt Ion:152 Resp: 14295
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.2
 153 13.7 10.7 16.1





#11
 Acenaphthene
 Concen: 0.058 ng/u1
 RT: 14.722 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :
 BNA_M
 ClientSampleId :
 DBXU6

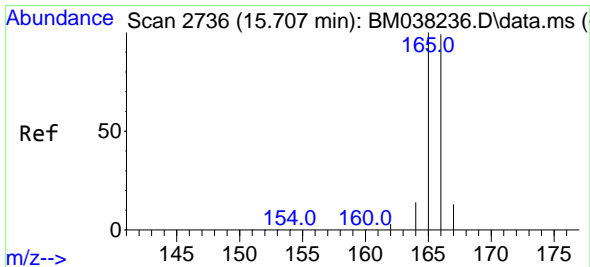
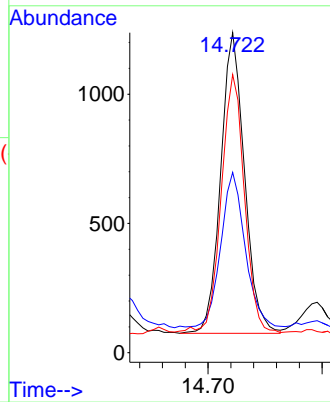
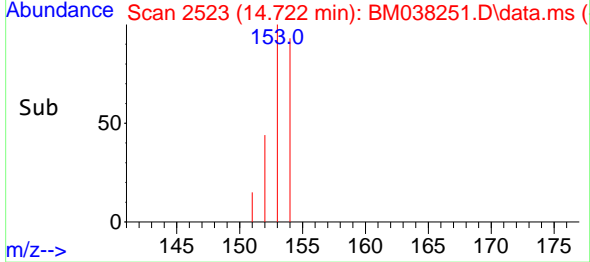


Tgt Ion:153 Resp: 1684

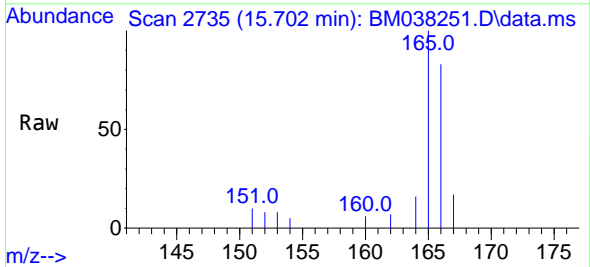
Ion	Ratio	Lower	Upper
153	100		
152	56.4	39.4	59.0
154	86.9	69.0	103.4

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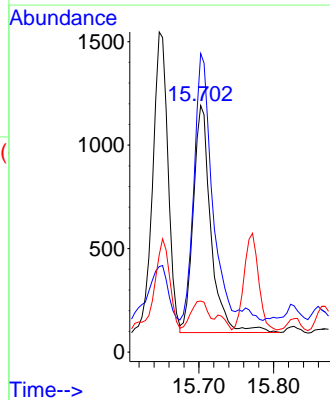
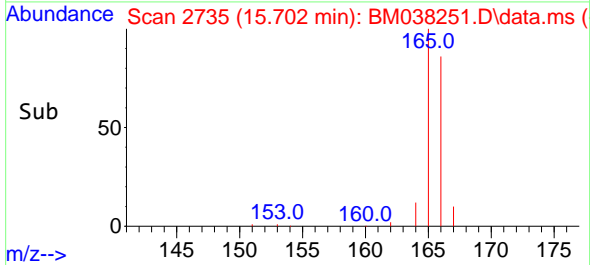


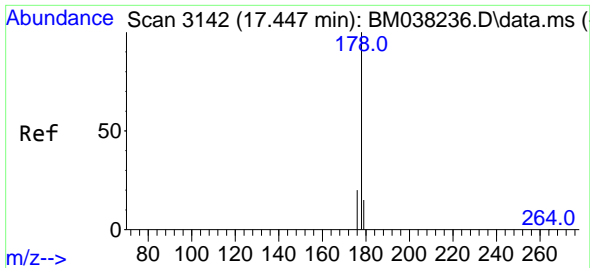
#12
 Fluorene
 Concen: 0.057 ng/u1
 RT: 15.702 min Scan# 2735
 Delta R.T. -0.009 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



Tgt Ion:166 Resp: 1793

Ion	Ratio	Lower	Upper
166	100		
165	121.2	79.0	118.6#
167	20.7	11.0	16.6#





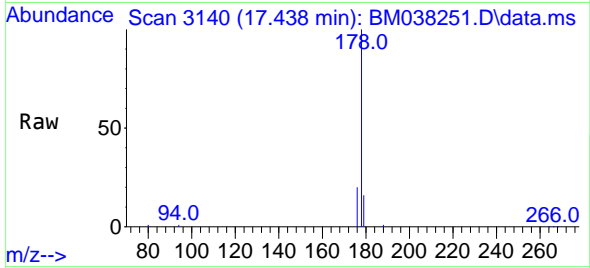
#15
 Phenanthrene
 Concen: 0.699 ng/u1
 RT: 17.438 min Scan# 3140
 Delta R.T. -0.008 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :

BNA_M

Client Sampled :

DBXU6



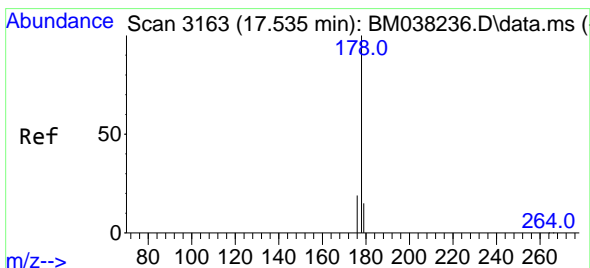
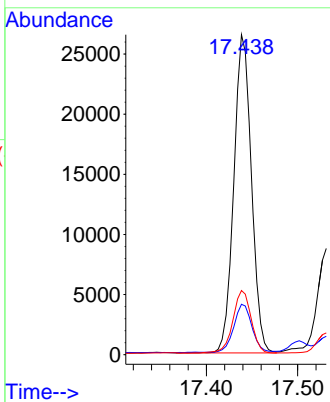
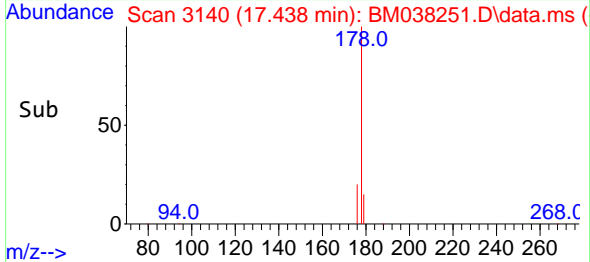
Tgt Ion:178 Resp: 3555

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	20.0	16.2	24.4

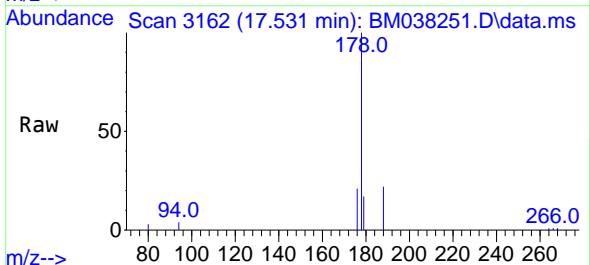
Manual Integrations

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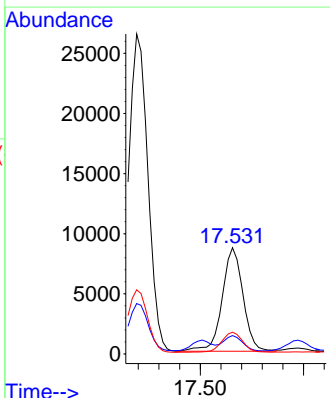
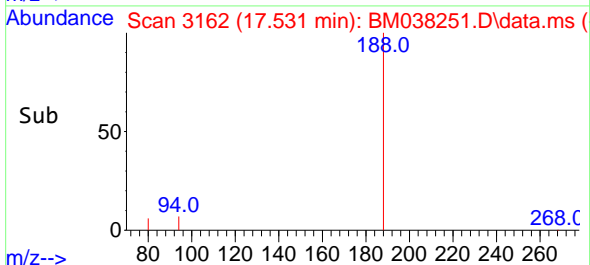


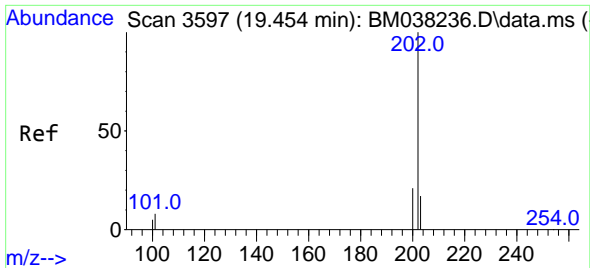
#16
 Anthracene
 Concen: 0.248 ng/u1
 RT: 17.531 min Scan# 3162
 Delta R.T. -0.008 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



Tgt Ion:178 Resp: 12114

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.6
176	20.5	15.6	23.4





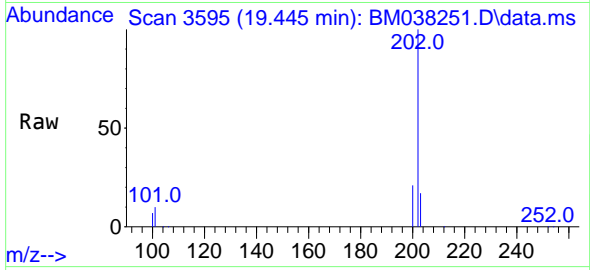
#19
 Fluoranthene
 Concen: 1.769 ng/u1
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.009 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :

BNA_M

ClientSampled :

DBXU6

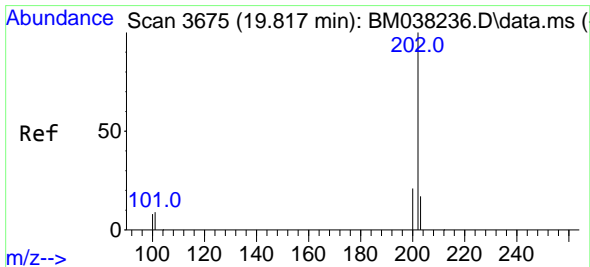
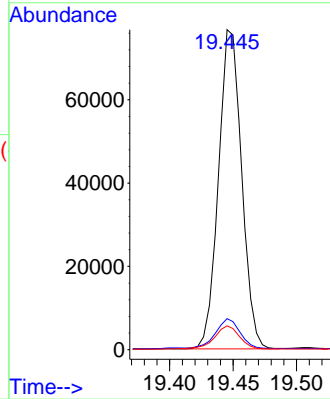
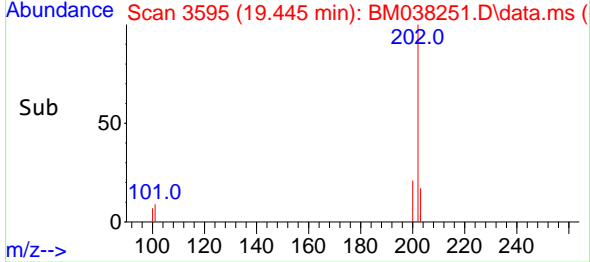


Tgt Ion:202 Resp: 9721
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.5 11.3
 100 7.4 5.6 8.4

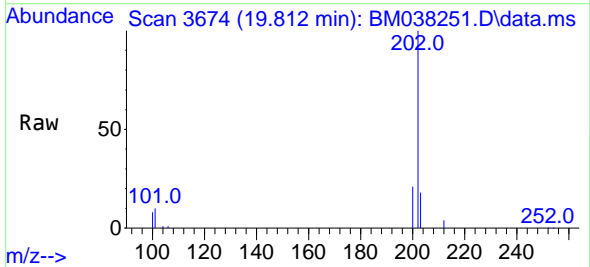
Manual Integrations

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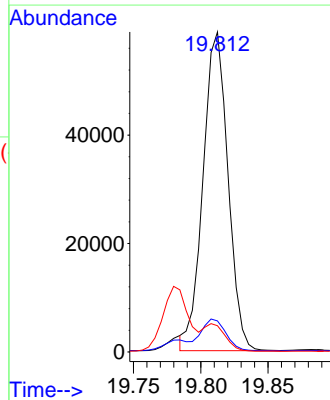
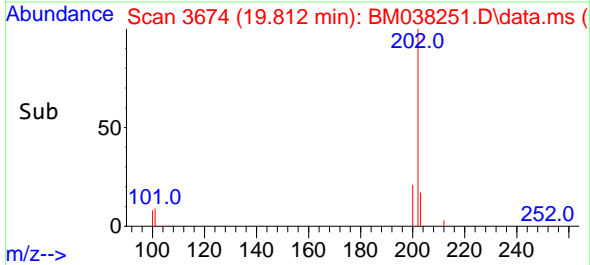
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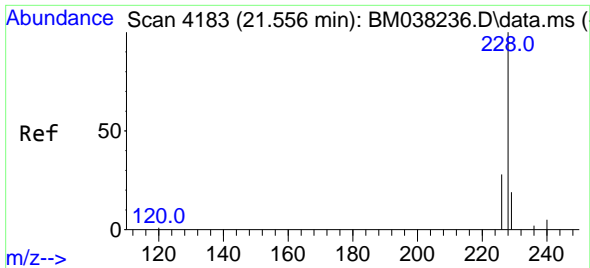


#20
 Pyrene
 Concen: 1.365 ng/u1 m
 RT: 19.812 min Scan# 3674
 Delta R.T. -0.005 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



Tgt Ion:202 Resp: 75810
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.9 13.3
 100 8.2 7.4 11.0





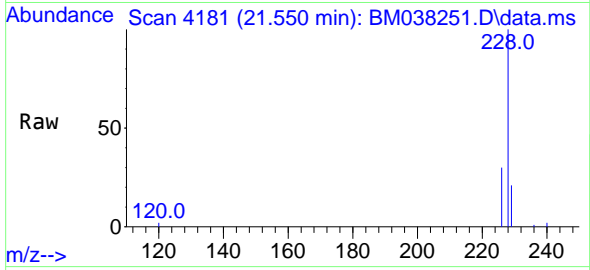
#21
 Benzo(a)anthracene
 Concen: 1.153 ng/u1
 RT: 21.550 min Scan# 4181
 Delta R.T. -0.009 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :

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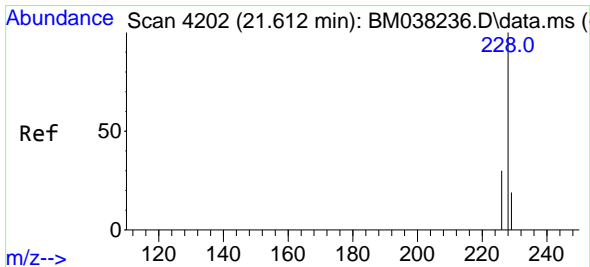
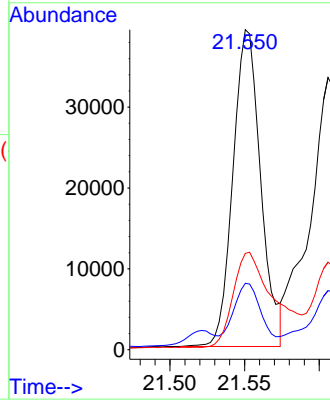
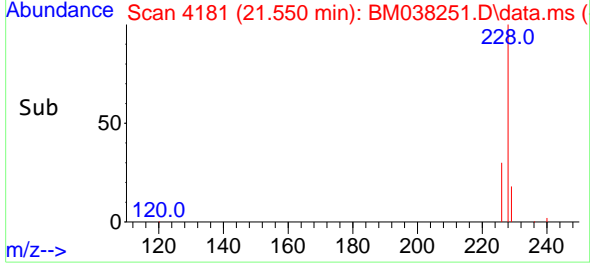


Tgt Ion:228 Resp: 50699
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.5 23.3
 226 30.1 22.2 33.2

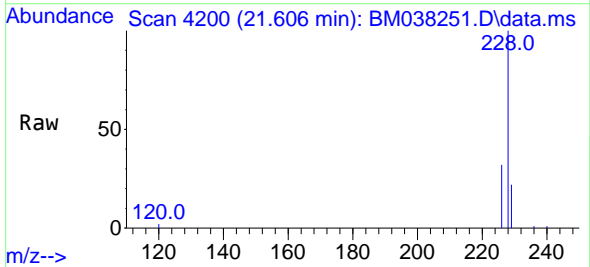
Manual Integrations

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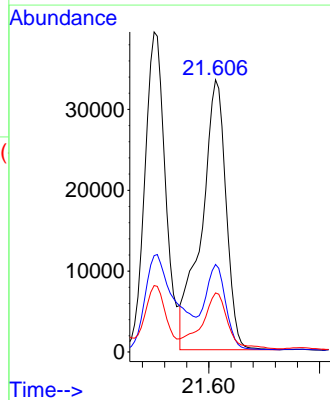
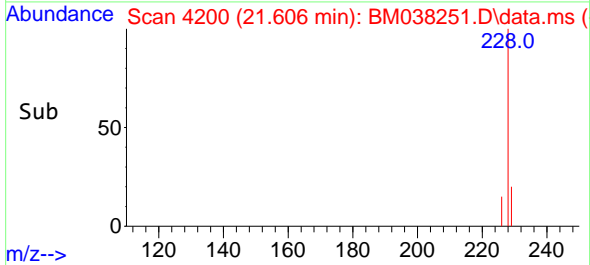
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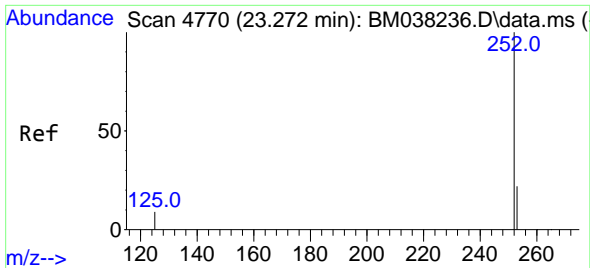


#22
 Chrysene
 Concen: 1.201 ng/u1
 RT: 21.606 min Scan# 4200
 Delta R.T. -0.006 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



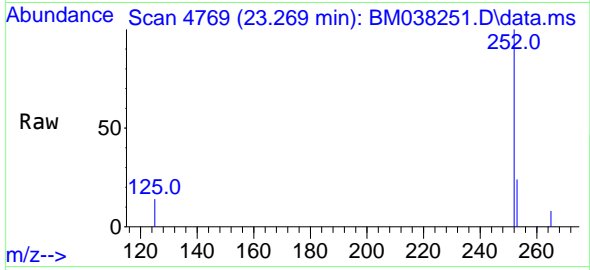
Tgt Ion:228 Resp: 51434
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.4
 229 21.7 16.0 24.0





#24
 Benzo(b)fluoranthene
 Concen: 1.992 ng/u1
 RT: 23.269 min Scan# 4769
 Delta R.T. -0.003 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

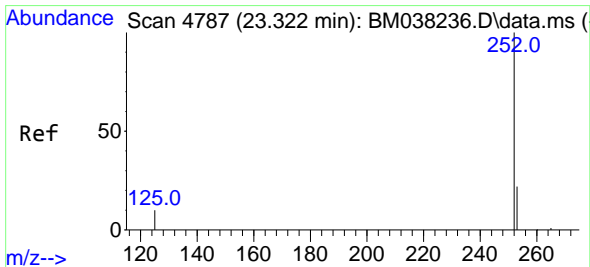
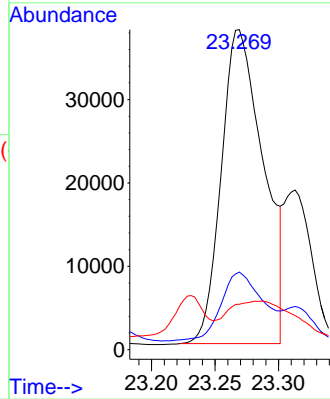
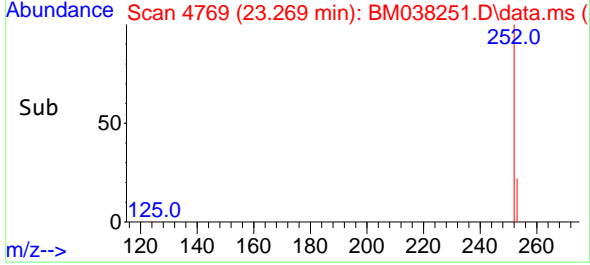
Instrument : BNA_M
 ClientSampleId : DBXU6



Tgt Ion:252 Resp: 86768
 Ion Ratio Lower Upper
 252 100
 253 24.2 0.0 56.0
 125 14.2 0.0 36.6

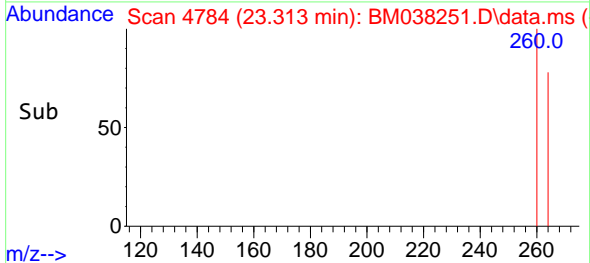
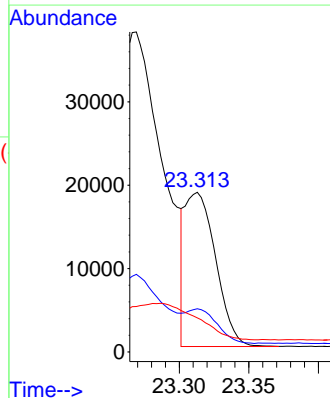
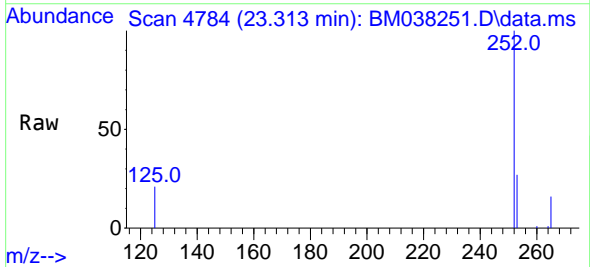
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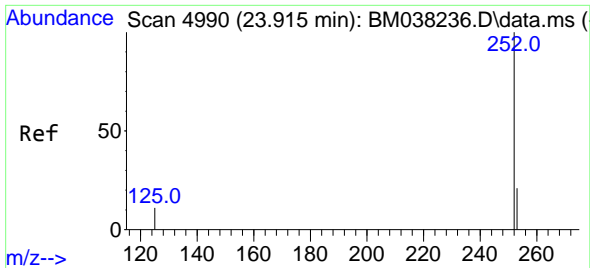
Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022



#25
 Benzo(k)fluoranthene
 Concen: 0.674 ng/u1 m
 RT: 23.313 min Scan# 4784
 Delta R.T. -0.009 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

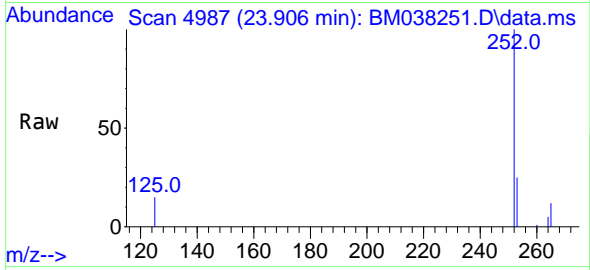
Tgt Ion:252 Resp: 28179
 Ion Ratio Lower Upper
 252 100
 253 27.0 22.5 33.7
 125 21.3 14.4 21.6





#26
 Benzo(a)pyrene
 Concen: 1.433 ng/u1
 RT: 23.906 min Scan# 4987
 Delta R.T. -0.006 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :
 BNA_M
 ClientSampleId :
 DBXU6

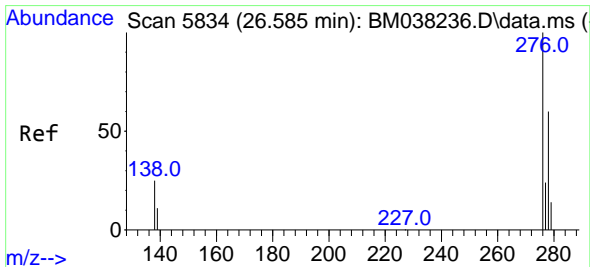
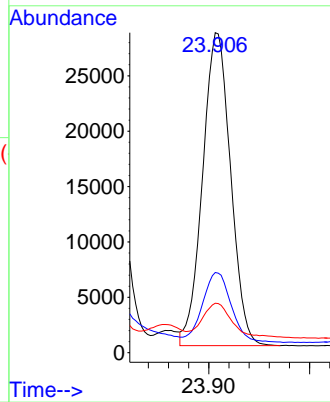
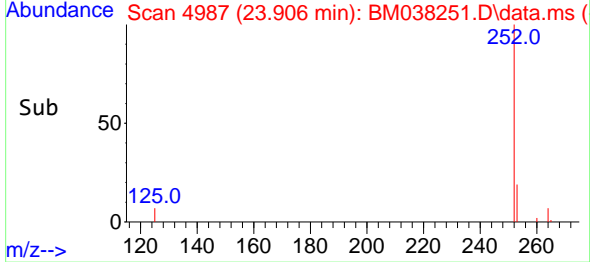


Tgt Ion:252 Resp: 5445

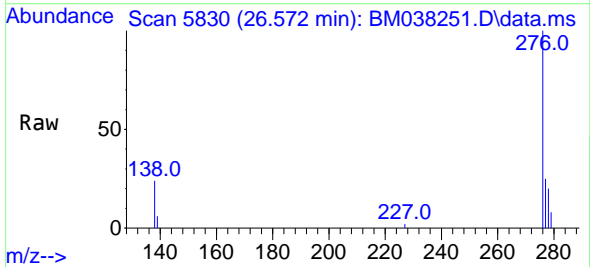
Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.2	36.4
125	15.5	17.3	25.9

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Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

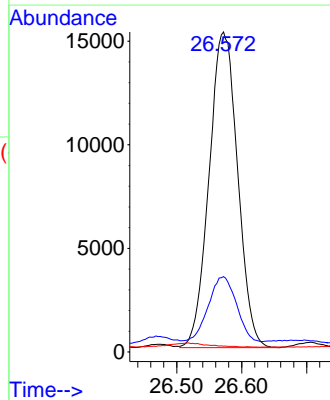
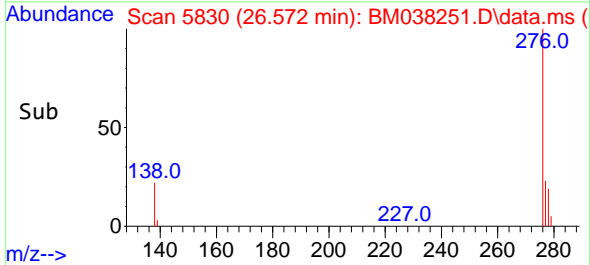


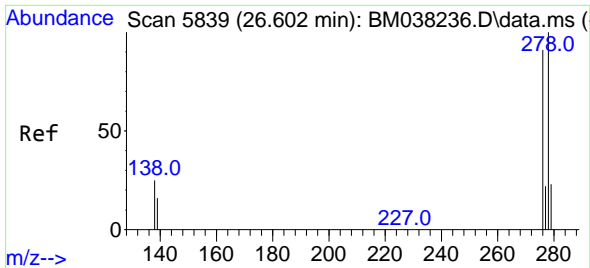
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.882 ng/u1
 RT: 26.572 min Scan# 5830
 Delta R.T. -0.010 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



Tgt Ion:276 Resp: 46475

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.7	32.5
227	0.0	0.0	0.0





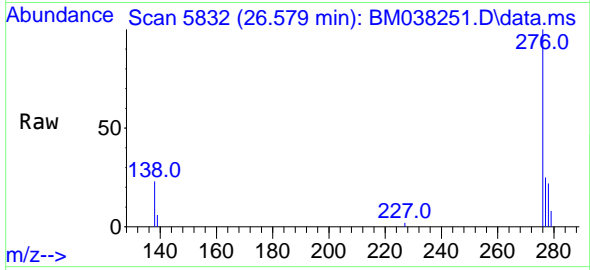
#28
 Dibenzo(a,h)anthracene
 Concen: 0.277 ng/u1
 RT: 26.579 min Scan# 5832
 Delta R.T. -0.017 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22

Instrument :

BNA_M

ClientSampleId :

DBXU6

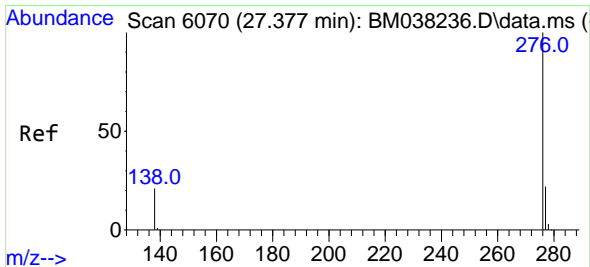
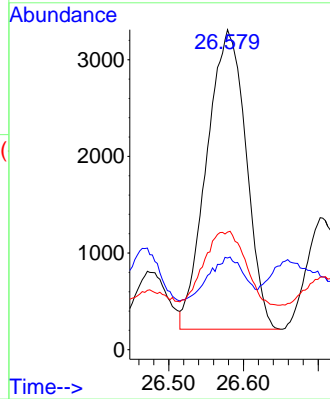
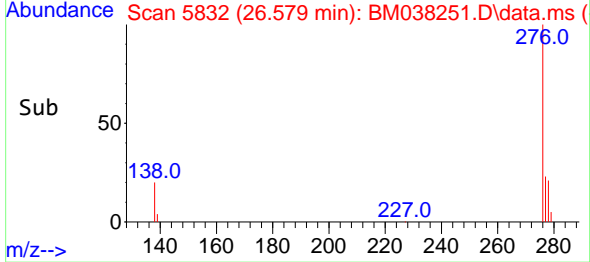


Tgt Ion:278 Resp: 11340
 Ion Ratio Lower Upper
 278 100
 139 28.7 16.8 25.2
 279 36.8 23.4 35.2

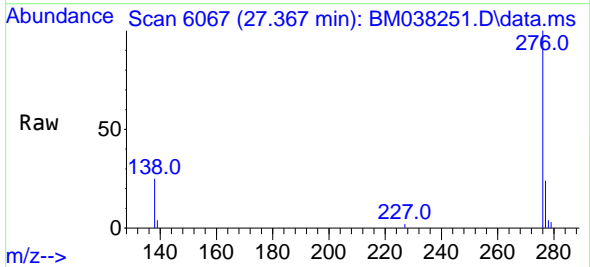
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022



#29
 Benzo(g,h,i)perylene
 Concen: 1.047 ng/u1
 RT: 27.367 min Scan# 6067
 Delta R.T. -0.003 min
 Lab File: BM038251.D
 Acq: 24 Dec 2022 02:22



Tgt Ion:276 Resp: 46439
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.8 31.2
 277 24.3 20.5 30.7

