

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM12222\
 Data File : BM038207.D
 Acq On : 22 Dec 2022 20:41
 Operator : CG/JU
 Sample : N6009-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYB6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 01:49:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM12222.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	8.043	152	4130	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	12734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7130	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14253	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9350	0.400	ng/ul #	0.00
23) Perylene-d12	24.023	264	9057	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	12896	3.070	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	4040	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	7730	0.220	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.906	128	1581	0.042	ng/ul#	89
7) 2-Methylnaphthalene	12.506	142	783	0.034	ng/ul	96
8) 1-Methylnaphthalene	12.720	142	515	0.022	ng/ul	99
10) Acenaphthylene	14.388	152	3559	0.090	ng/ul#	90
14) Pentachlorophenol	17.063	266	171	0.024	ng/ul	91
15) Phenanthrene	17.447	178	10134	0.212	ng/ul	98
16) Anthracene	17.540	178	2570	0.056	ng/ul#	87
19) Fluoranthene	19.455	202	40316	0.787	ng/ul	98
20) Pyrene	19.817	202	35304m	0.682	ng/ul	
21) Benzo(a)anthracene	21.556	228	19245	0.469	ng/ul	97
22) Chrysene	21.612	228	21789	0.546	ng/ul	97
24) Benzo(b)fluoranthene	23.272	252	33002	0.823	ng/ul	98
25) Benzo(k)fluoranthene	23.319	252	10834m	0.281	ng/ul	
26) Benzo(a)pyrene	23.915	252	19659	0.562	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.582	276	16816	0.347	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.592	278	4124	0.109	ng/ul#	55
29) Benzo(g,h,i)perylene	27.377	276	14806	0.363	ng/ul	98

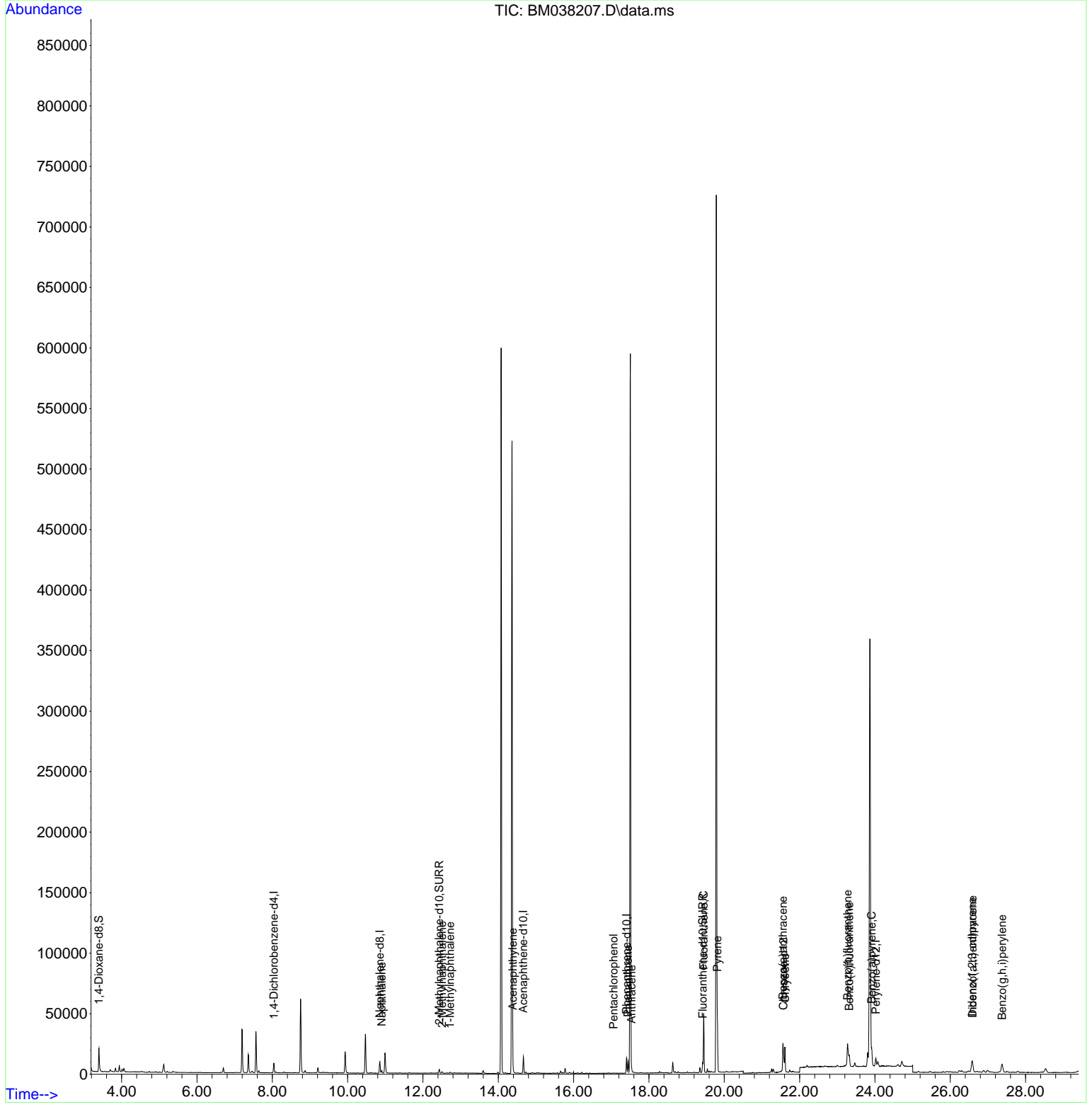
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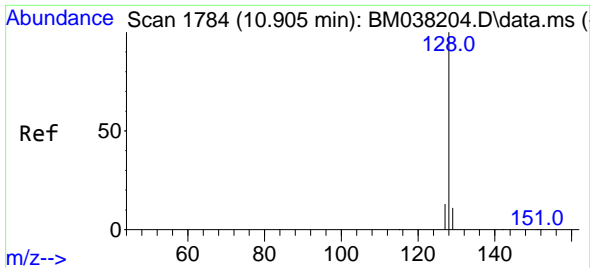
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 Data File : BM038207.D
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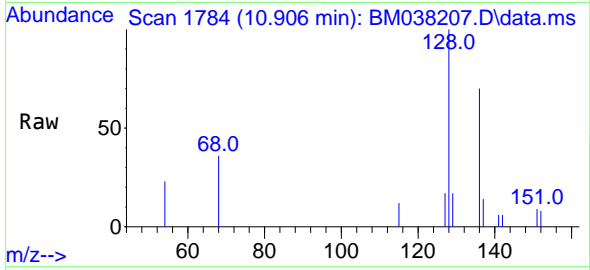
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022





#5
 Naphthalene
 Concen: 0.042 ng/u1
 RT: 10.906 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

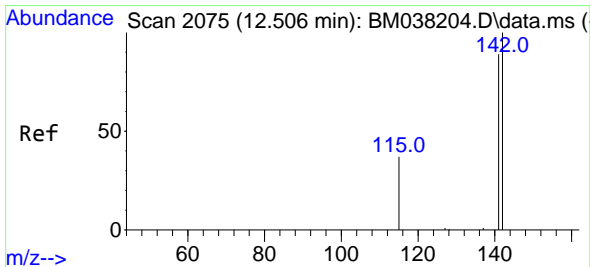
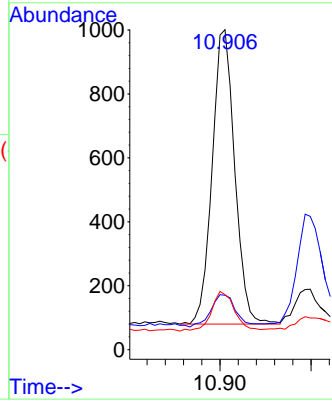
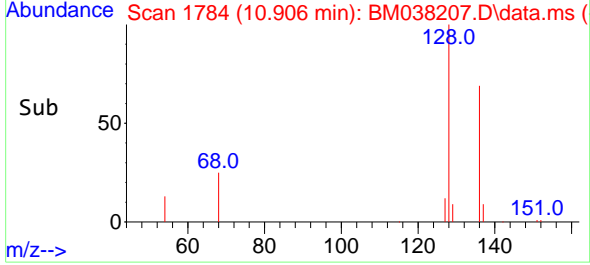
Instrument :
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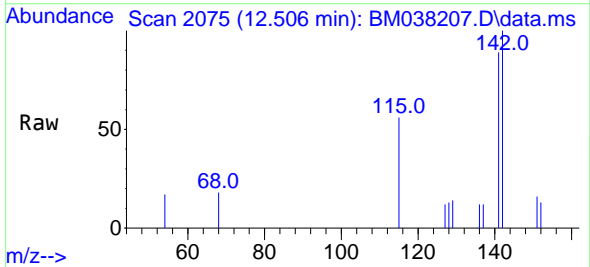
Tgt Ion:128 Resp: 158
 Ion Ratio Lower Upper
 128 100
 129 17.0 9.4 14.0
 127 17.2 10.7 16.1

Manual Integrations
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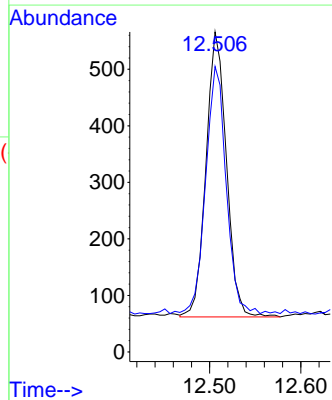
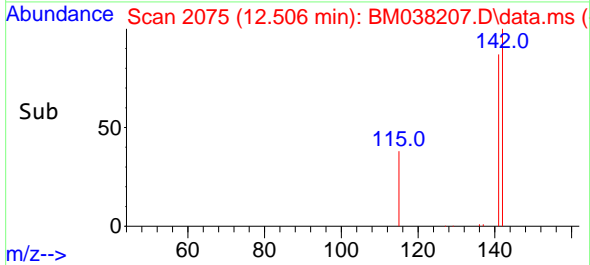
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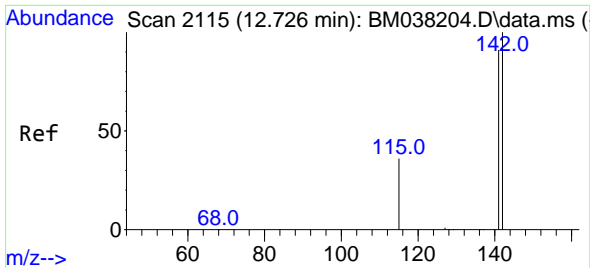


#7
 2-Methylnaphthalene
 Concen: 0.034 ng/u1
 RT: 12.506 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



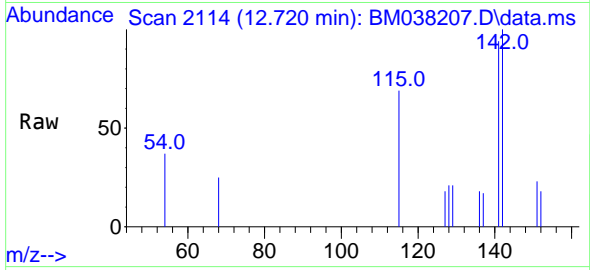
Tgt Ion:142 Resp: 783
 Ion Ratio Lower Upper
 142 100
 141 86.2 71.9 107.9





#8
 1-Methylnaphthalene
 Concen: 0.022 ng/u1
 RT: 12.720 min Scan# 2115
 Delta R.T. -0.005 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

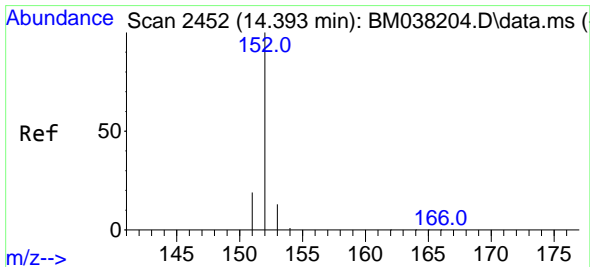
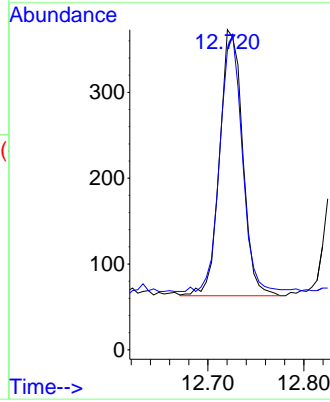
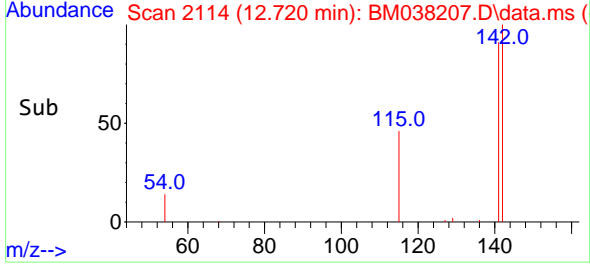
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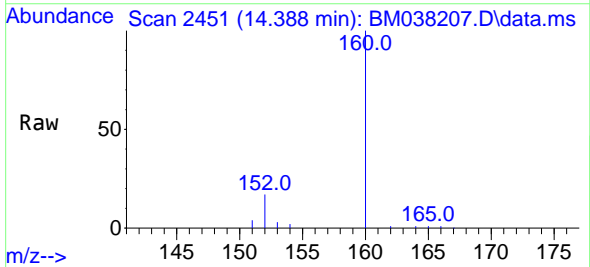
Tgt Ion:142 Resp: 511
 Ion Ratio Lower Upper
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 141 94.0 74.7 112.1

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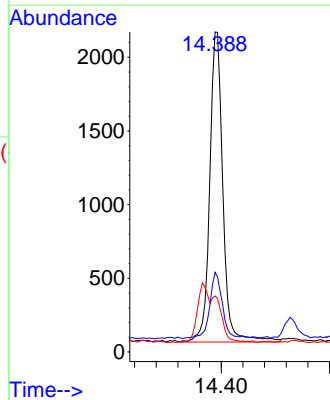
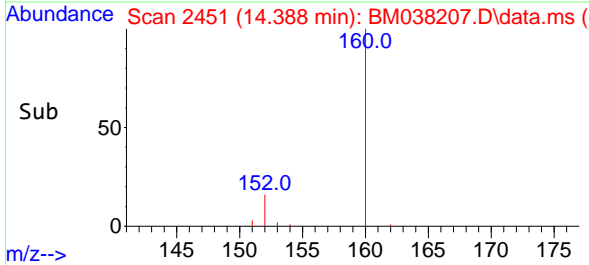
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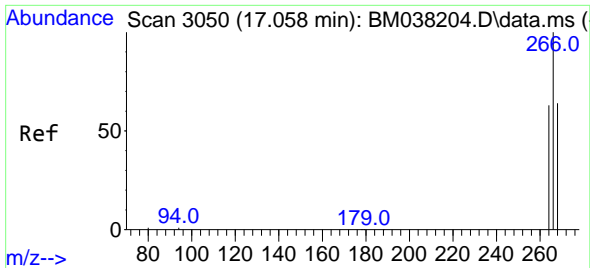


#10
 Acenaphthylene
 Concen: 0.090 ng/u1
 RT: 14.388 min Scan# 2451
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



Tgt Ion:152 Resp: 3559
 Ion Ratio Lower Upper
 152 100
 151 24.9 16.2 24.2#
 153 17.5 10.7 16.1#





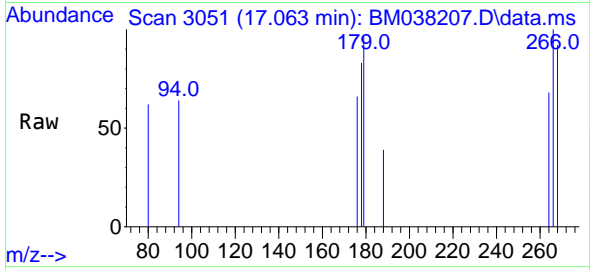
#14
 Pentachlorophenol
 Concen: 0.024 ng/u1
 RT: 17.063 min Scan# 3051
 Delta R.T. 0.004 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

Instrument :

BNA_M

ClientSampleId :

DBYB6



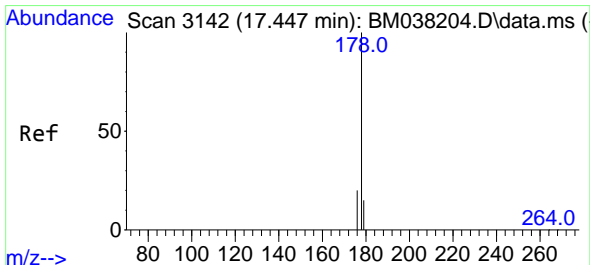
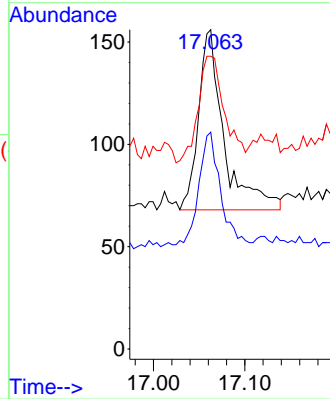
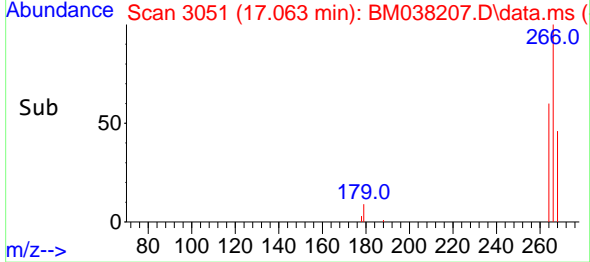
Tgt Ion:266 Resp: 172

Ion	Ratio	Lower	Upper
266	100		
264	51.5	49.9	74.9
268	61.4	51.2	76.8

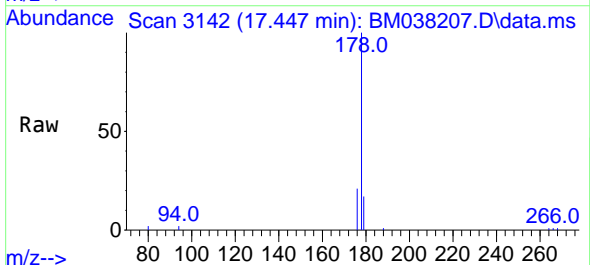
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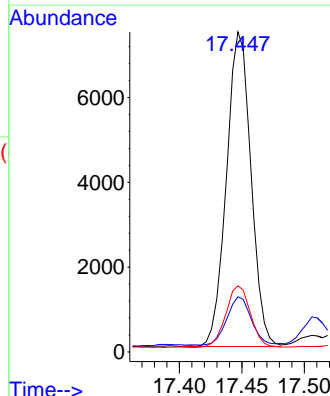
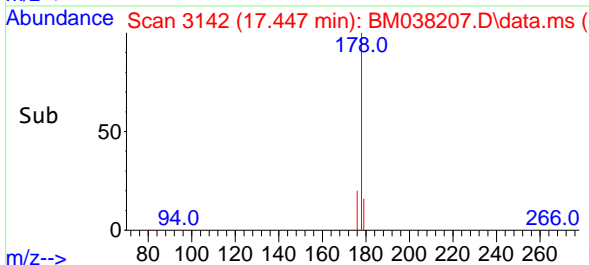


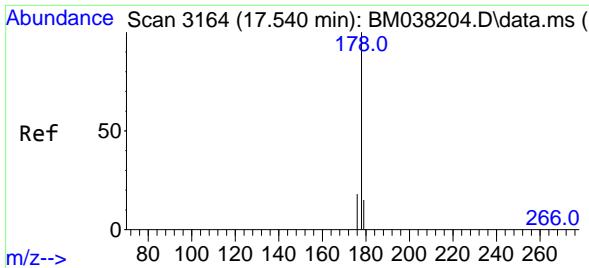
#15
 Phenanthrene
 Concen: 0.212 ng/u1
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



Tgt Ion:178 Resp: 10134

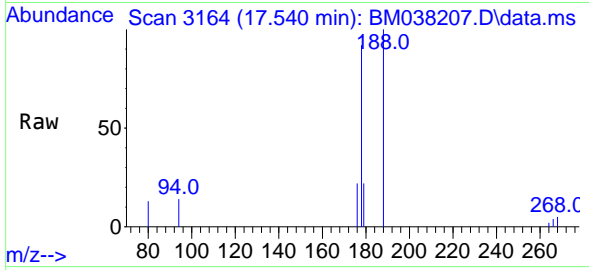
Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.4
176	20.7	16.2	24.4





#16
 Anthracene
 Concen: 0.056 ng/u1
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

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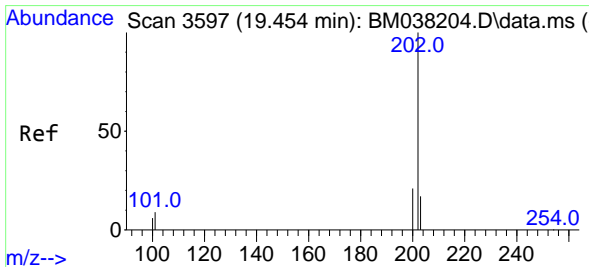
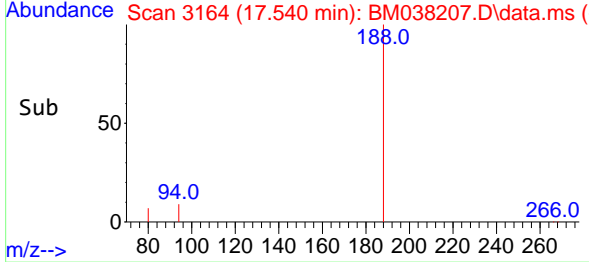
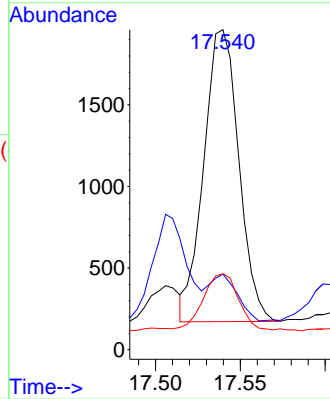


Tgt Ion:178 Resp: 2570

Ion	Ratio	Lower	Upper
178	100		
179	23.6	13.0	19.6
176	23.7	15.6	23.4

Manual Integrations
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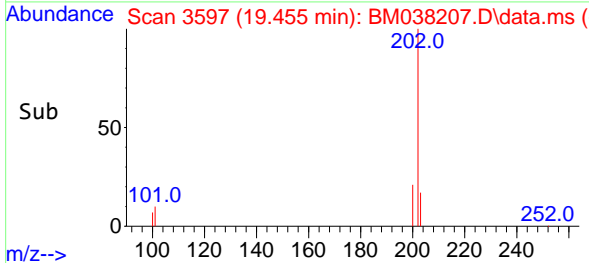
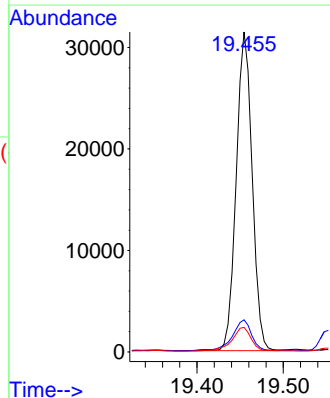
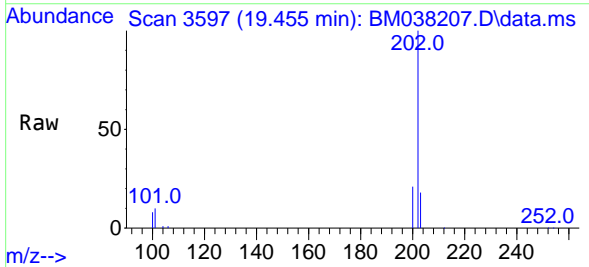
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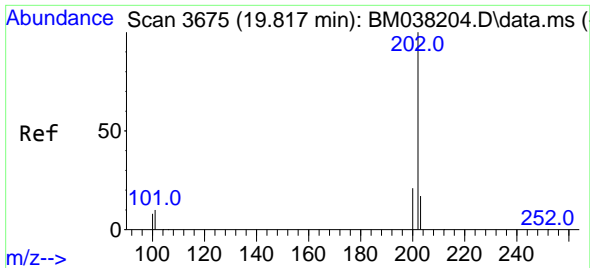


#19
 Fluoranthene
 Concen: 0.787 ng/u1
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

Tgt Ion:202 Resp: 40316

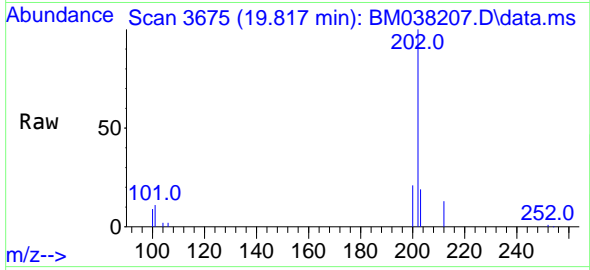
Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.5	11.3
100	7.7	5.6	8.4





#20
 Pyrene
 Concen: 0.682 ng/u1 m
 RT: 19.817 min Scan# 3
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

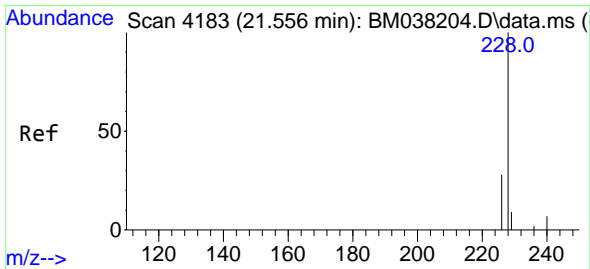
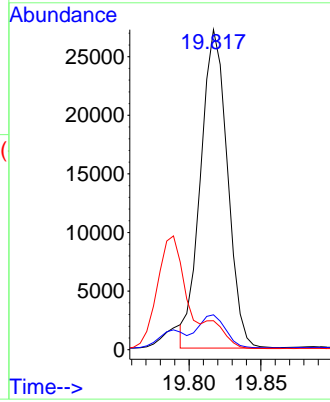
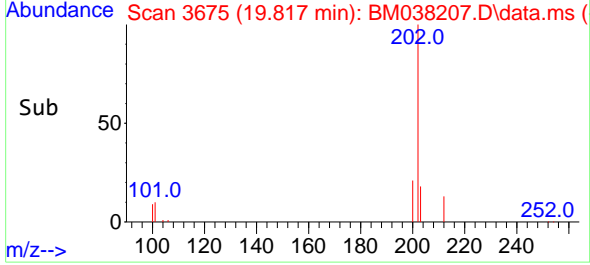
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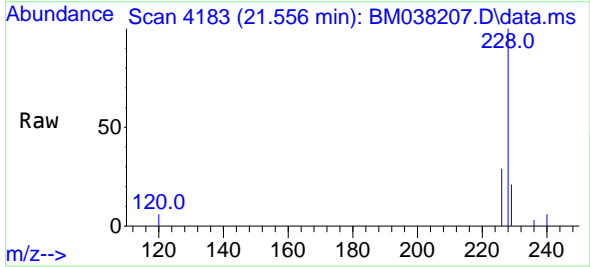
Tgt Ion:202 Resp: 35304
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.9 13.3
 100 9.1 7.4 11.0

Manual Integrations
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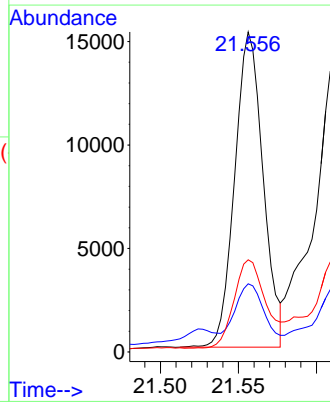
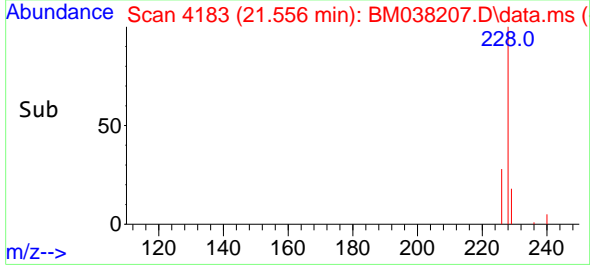
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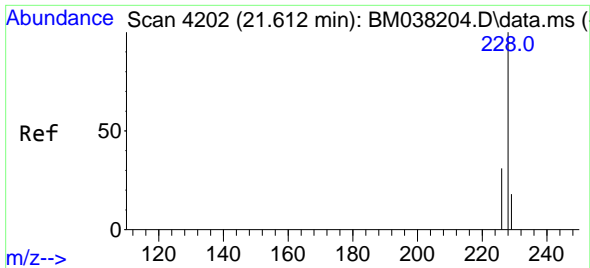


#21
 Benzo(a)anthracene
 Concen: 0.469 ng/u1
 RT: 21.556 min Scan# 4183
 Delta R.T. -0.003 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



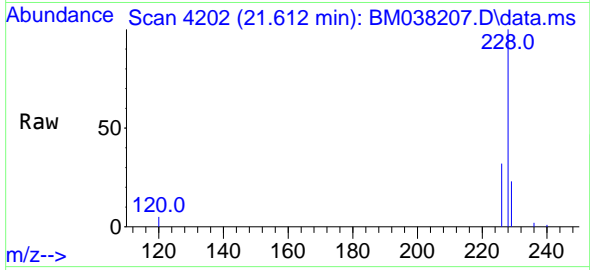
Tgt Ion:228 Resp: 19245
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.5 23.3
 226 28.8 22.2 33.2





#22
 Chrysene
 Concen: 0.546 ng/u1
 RT: 21.612 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

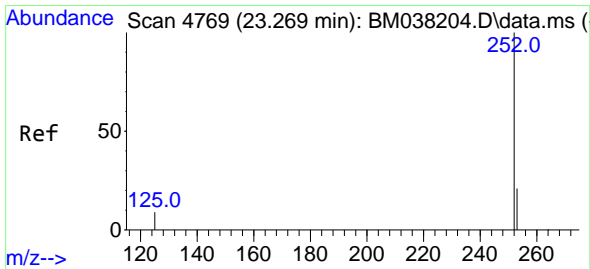
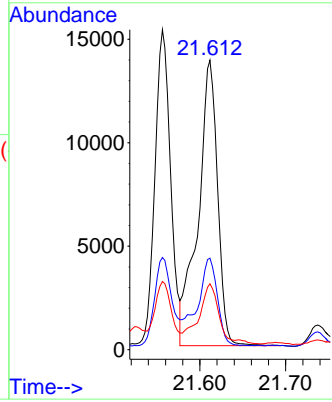
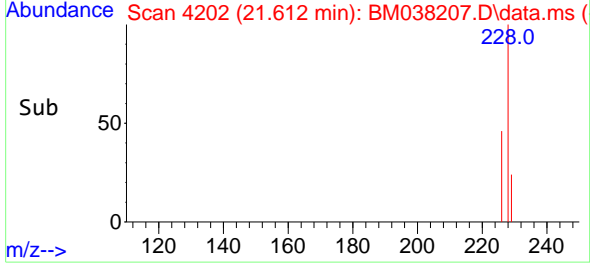
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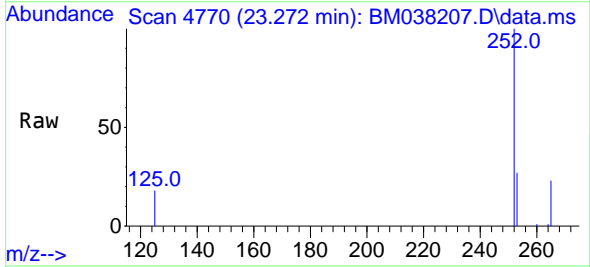
Tgt Ion:228 Resp: 21789
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.4
 229 22.8 16.0 24.0

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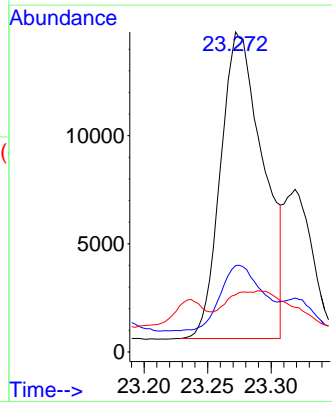
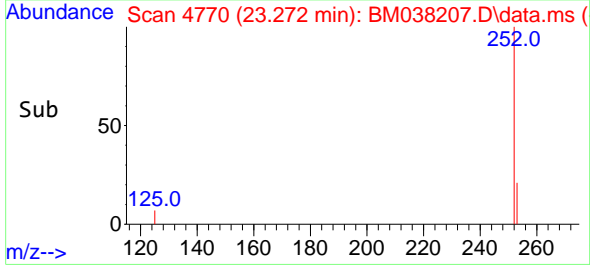
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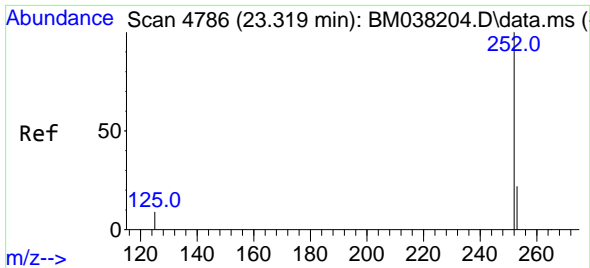


#24
 Benzo(b)fluoranthene
 Concen: 0.823 ng/u1
 RT: 23.272 min Scan# 4770
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



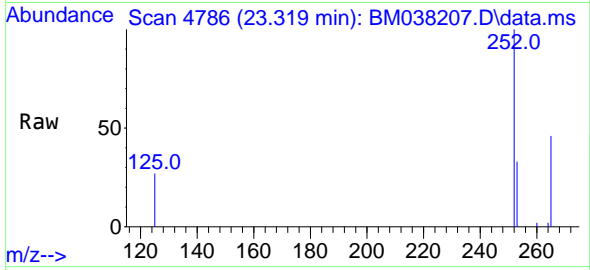
Tgt Ion:252 Resp: 33002
 Ion Ratio Lower Upper
 252 100
 253 27.0 0.0 56.0
 125 17.8 0.0 36.6





#25
 Benzo(k)fluoranthene
 Concen: 0.281 ng/u1 m
 RT: 23.319 min Scan# 4
 Delta R.T. -0.003 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

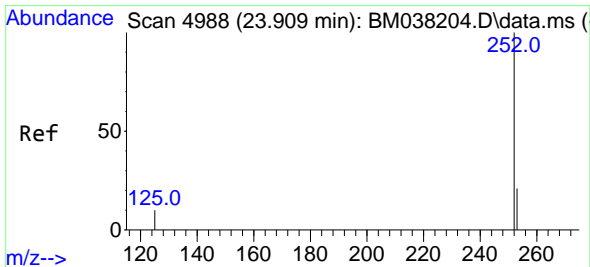
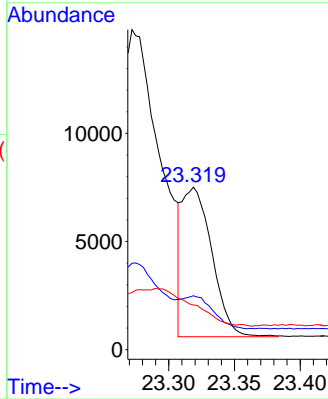
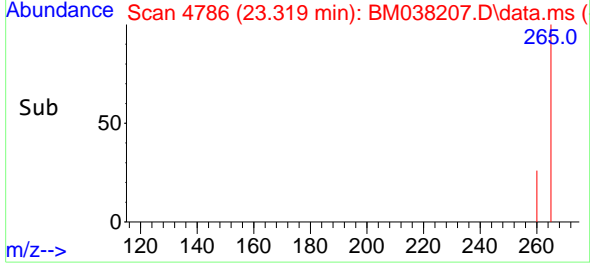
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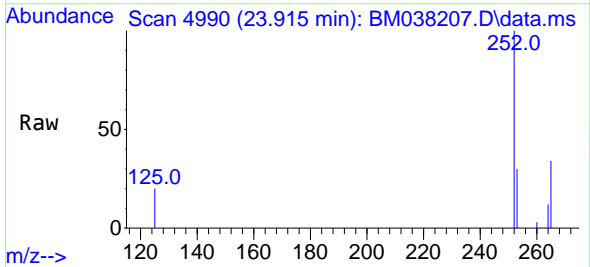
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 Ion Ratio Lower Upper
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 253 33.1 22.5 33.7
 125 27.4 14.4 21.6

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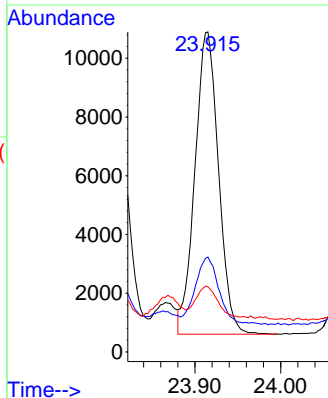
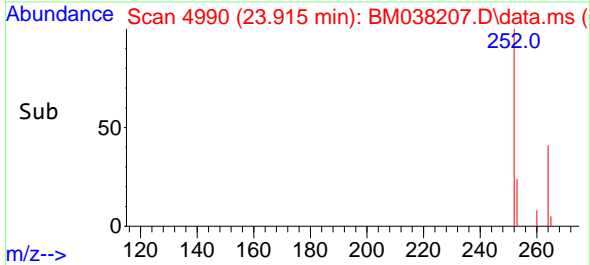
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

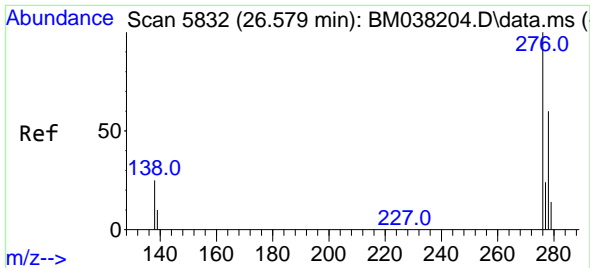


#26
 Benzo(a)pyrene
 Concen: 0.562 ng/u1
 RT: 23.915 min Scan# 4990
 Delta R.T. 0.003 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



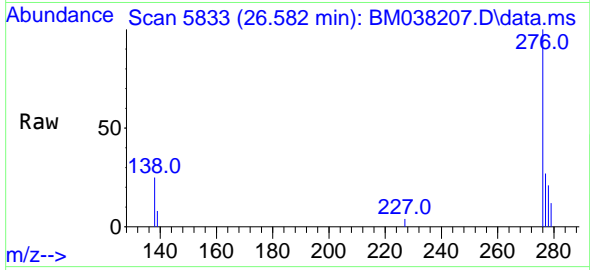
Tgt Ion:252 Resp: 19659
 Ion Ratio Lower Upper
 252 100
 253 29.7 24.2 36.4
 125 20.3 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.347 ng/u1
 RT: 26.582 min Scan# 5833
 Delta R.T. 0.000 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

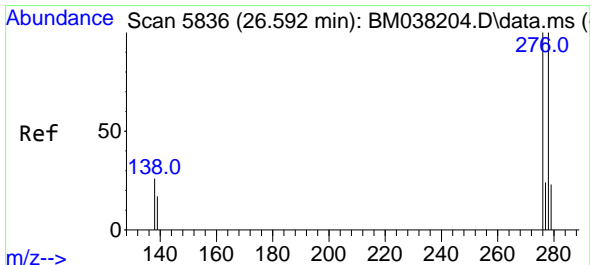
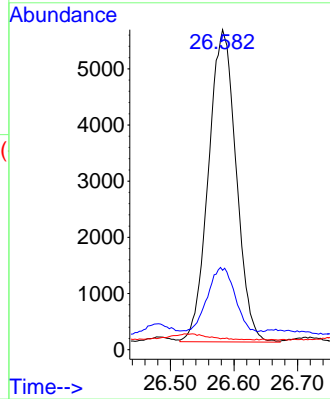
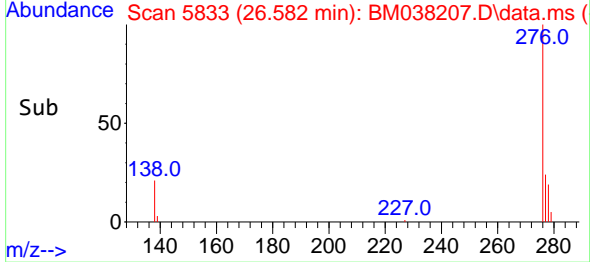
Instrument :
 BNA_M
 ClientSampleId :
 DBYB6



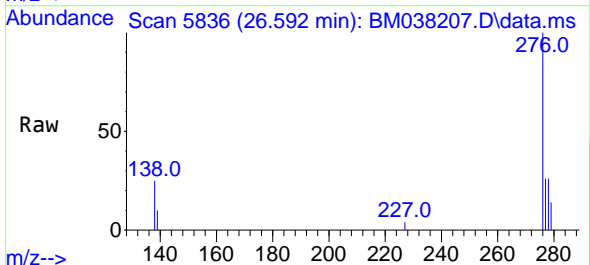
Tgt Ion:276 Resp: 16810
 Ion Ratio Lower Upper
 276 100
 138 22.3 21.7 32.5
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

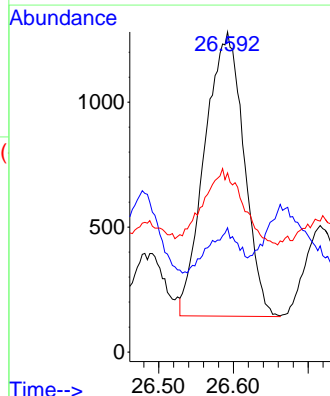
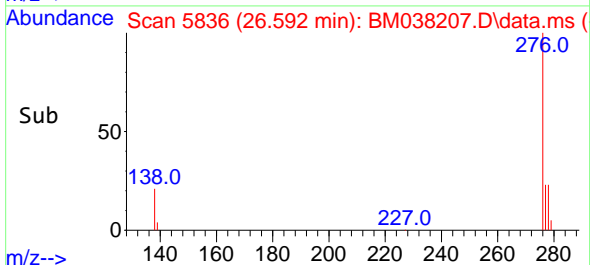
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

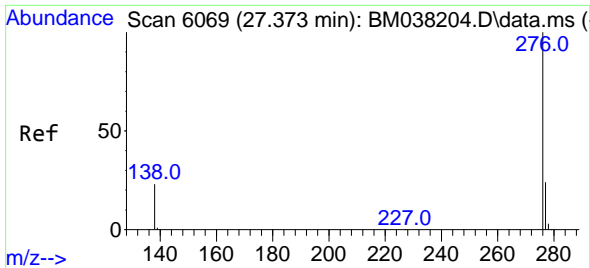


#28
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/u1
 RT: 26.592 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41



Tgt Ion:278 Resp: 4124
 Ion Ratio Lower Upper
 278 100
 139 38.8 16.8 25.2#
 279 56.0 23.4 35.2#





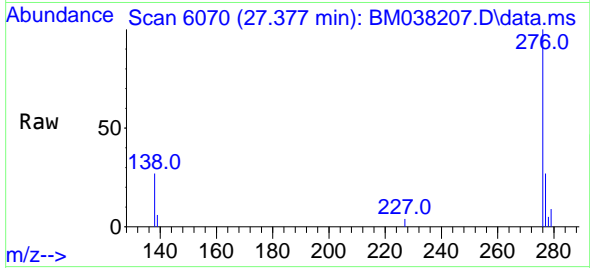
#29
 Benzo(g,h,i)perylene
 Concen: 0.363 ng/ul
 RT: 27.377 min Scan# 6070
 Delta R.T. 0.007 min
 Lab File: BM038207.D
 Acq: 22 Dec 2022 20:41

Instrument :

BNA_M

ClientSampleId :

DBYB6



Tgt Ion:276 Resp: 14800
 Ion Ratio Lower Upper
 276 100
 138 27.0 20.8 31.2
 277 26.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

