

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038084.D
 Acq On : 17 Dec 2022 01:40
 Operator : CG/JU
 Sample : N5925-23
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYE5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 03:43:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16308	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	9677	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	20229	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	14836	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	13872	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	20531	2.930	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	5537	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	11930	0.222	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.402	152	1998	0.039	ng/ul#	83
14) Pentachlorophenol	17.071	266	419	0.050	ng/ul	98
15) Phenanthrene	17.460	178	3909	0.057	ng/ul#	90
16) Anthracene	17.548	178	1977	0.031	ng/ul#	80
19) Fluoranthene	19.464	202	11046	0.144	ng/ul	95
20) Pyrene	19.826	202	9888m	0.126	ng/ul	
21) Benzo(a)anthracene	21.565	228	8568	0.134	ng/ul#	91
22) Chrysene	21.621	228	11423	0.177	ng/ul#	94
24) Benzo(b)fluoranthene	23.284	252	19874	0.302	ng/ul	92
25) Benzo(k)fluoranthene	23.328	252	7037m	0.111	ng/ul	
26) Benzo(a)pyrene	23.927	252	10982	0.198	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.602	276	8507	0.122	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.609	278	2342	0.043	ng/ul#	38
29) Benzo(g,h,i)perylene	27.397	276	6050	0.102	ng/ul#	88

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

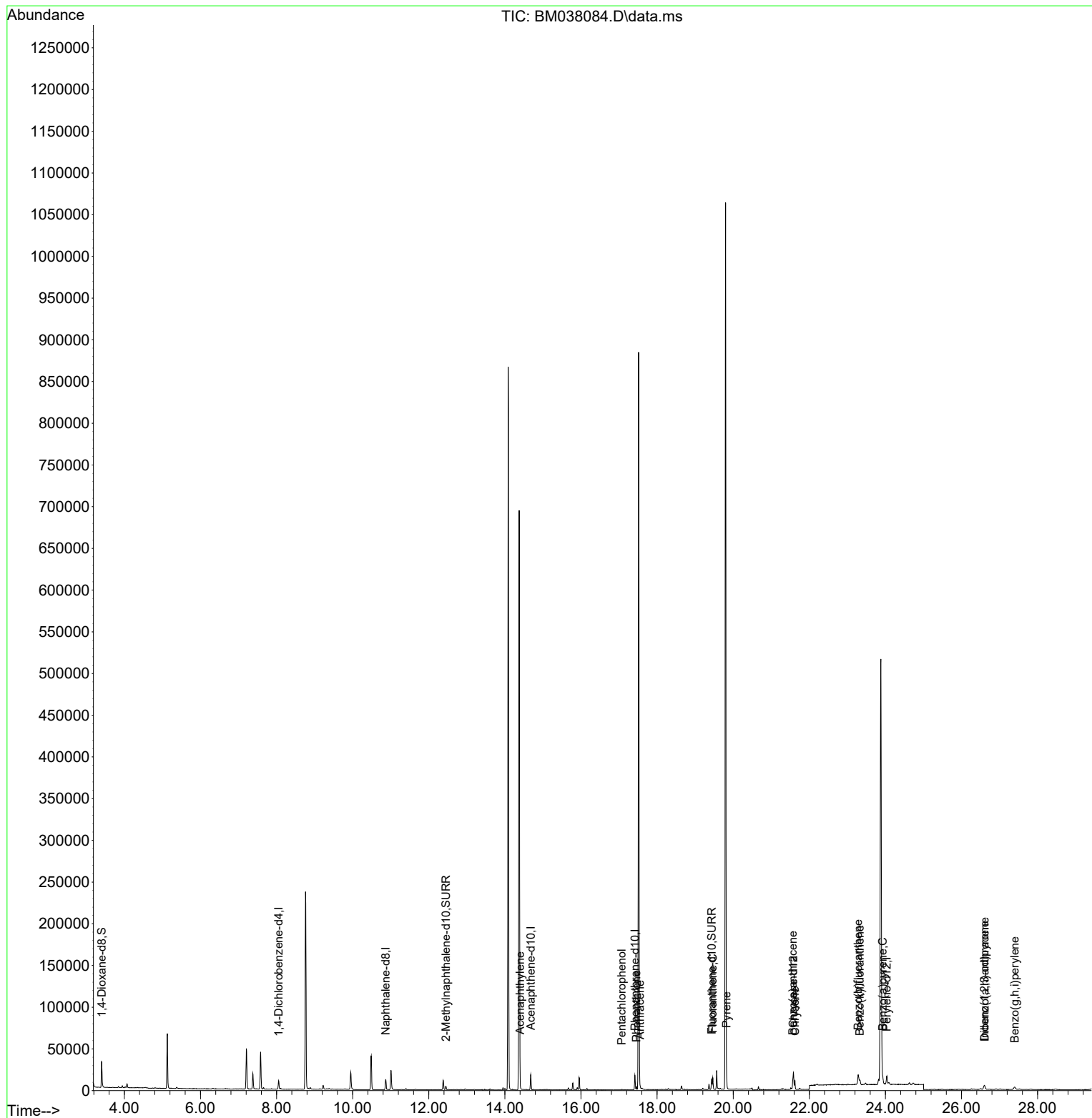
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038084.D
Acq On : 17 Dec 2022 01:40
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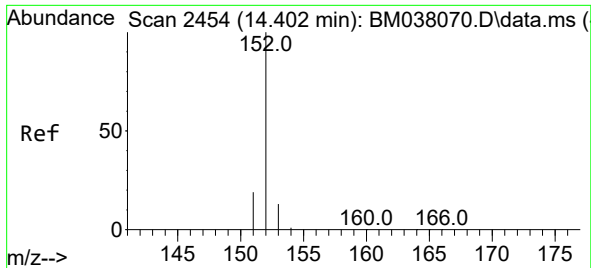
Instrument :
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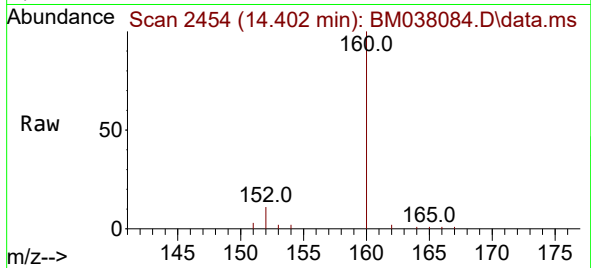
Quant Time: Dec 17 03:43:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
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#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

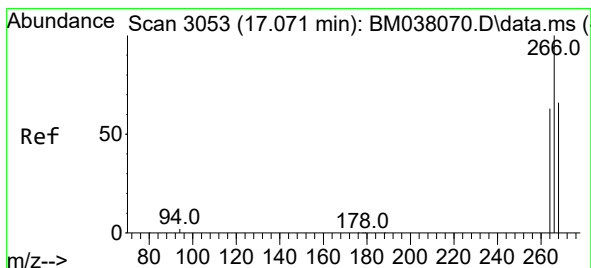
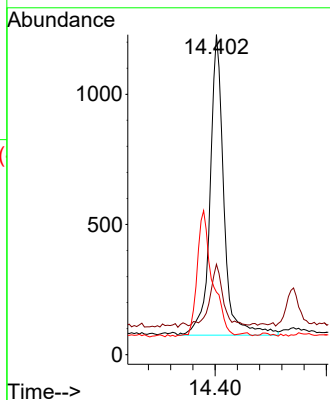
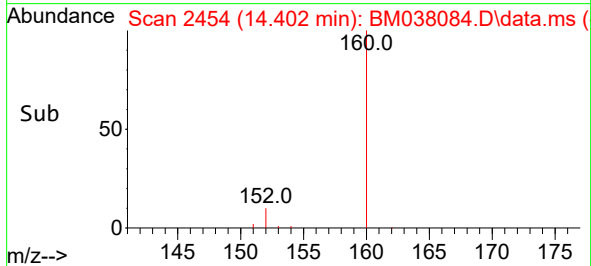
Instrument :
BNA_M
ClientSampleId :
DBYE5



Tgt Ion:152 Resp: 1998
Ion Ratio Lower Upper
152 100
151 28.2 15.5 23.3
153 19.5 11.0 16.4

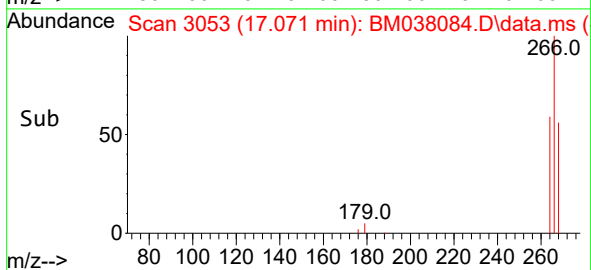
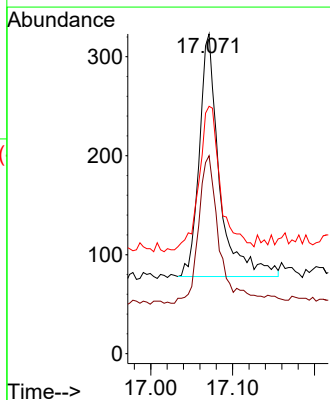
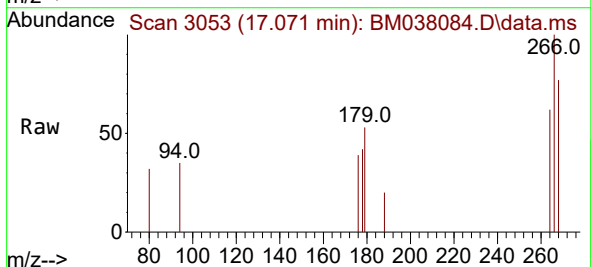
Manual Integrations
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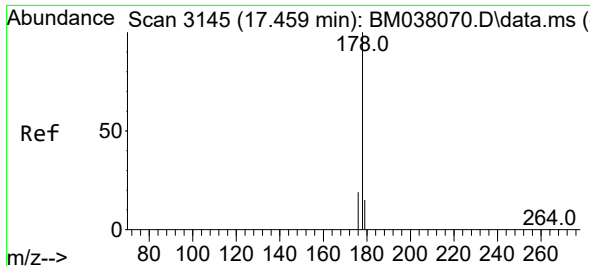
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#14
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

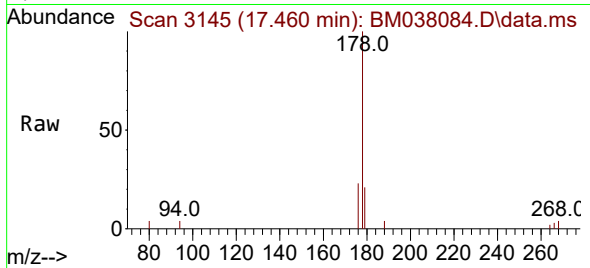
Tgt Ion:266 Resp: 419
Ion Ratio Lower Upper
266 100
264 64.7 49.9 74.9
268 65.6 52.0 78.0





#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

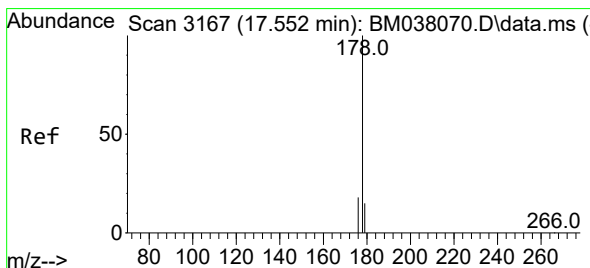
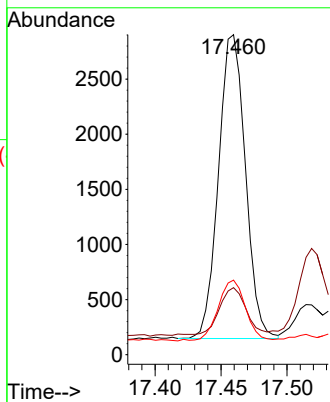
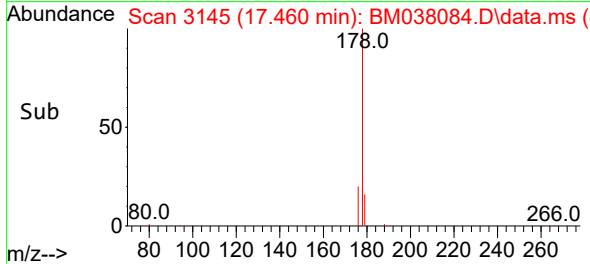
Instrument :
BNA_M
ClientSampleId :
DBYE5



Tgt Ion:178 Resp: 3909
Ion Ratio Lower Upper
178 100
179 20.9 12.6 19.0#
176 23.3 15.8 23.6

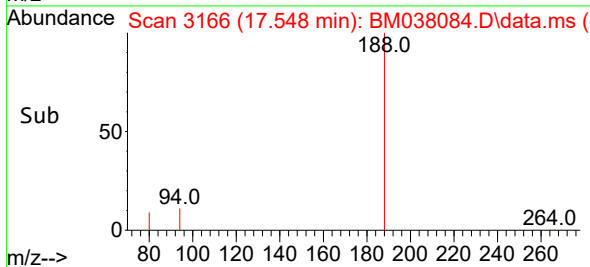
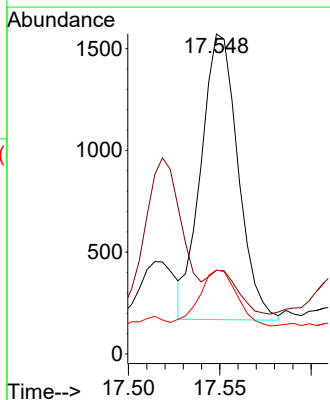
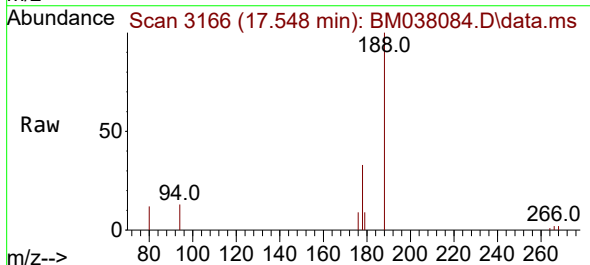
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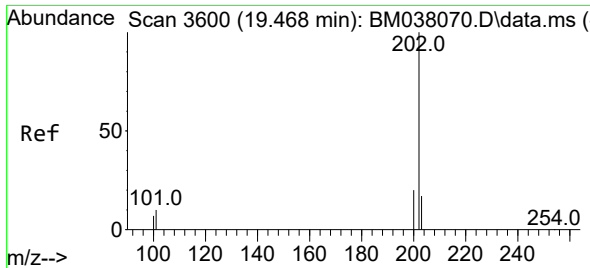
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

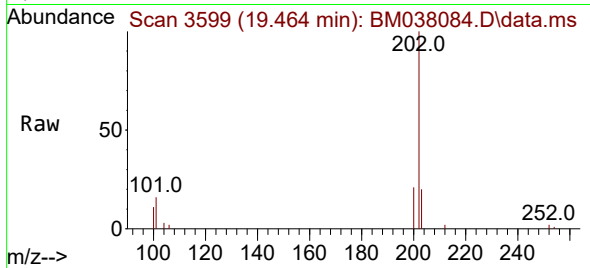
Tgt Ion:178 Resp: 1977
Ion Ratio Lower Upper
178 100
179 26.1 13.0 19.4#
176 26.2 15.0 22.4#





#19
Fluoranthene
Concen: 0.144 ng/ul
RT: 19.464 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

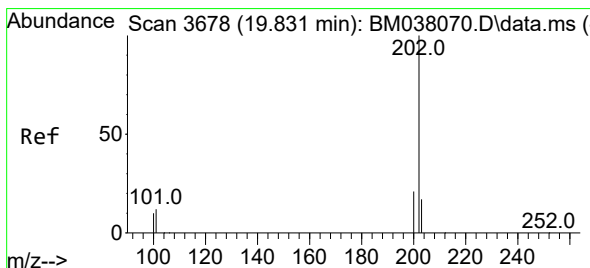
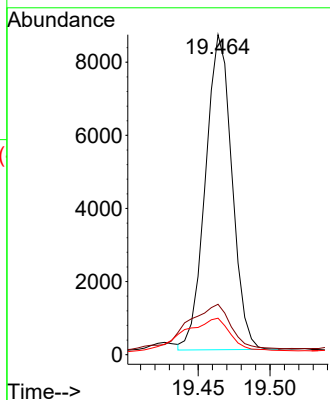
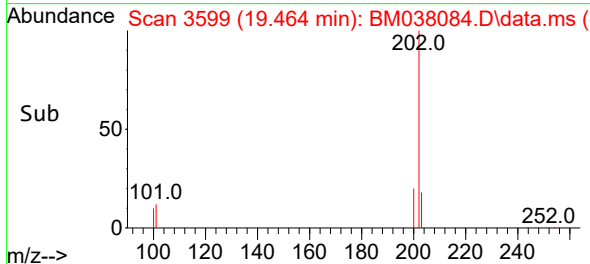
Instrument :
BNA_M
ClientSampleId :
DBYE5



Tgt Ion:202 Resp: 11040
Ion Ratio Lower Upper
202 100
101 15.8 10.6 15.8
100 11.4 7.9 11.9

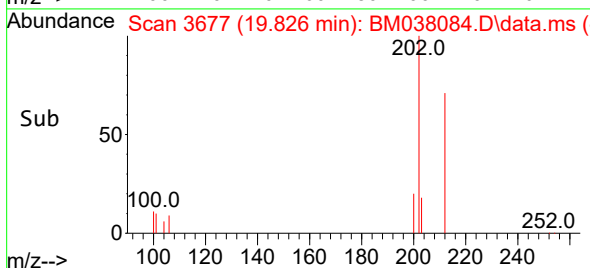
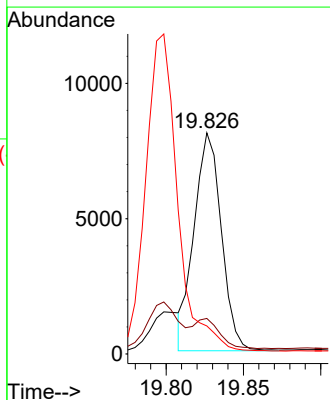
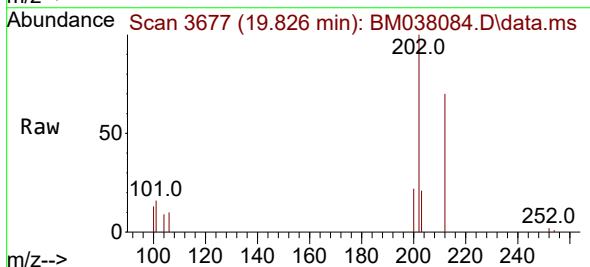
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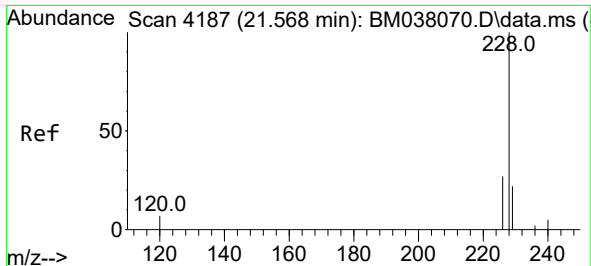
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#20
Pyrene
Concen: 0.126 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

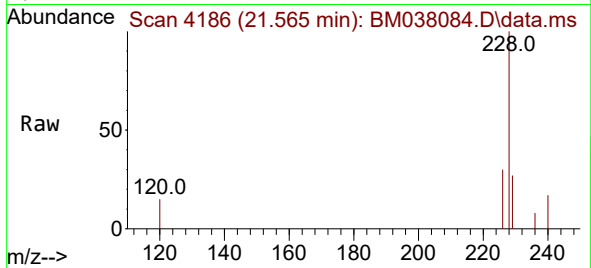
Tgt Ion:202 Resp: 9888
Ion Ratio Lower Upper
202 100
101 16.1 12.1 18.1
100 12.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.134 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

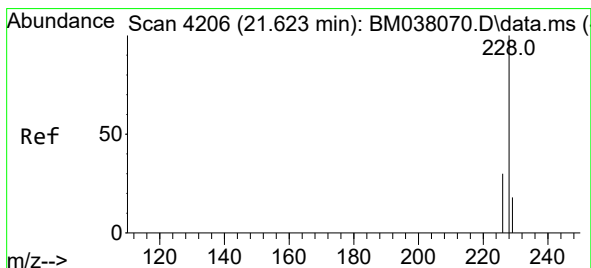
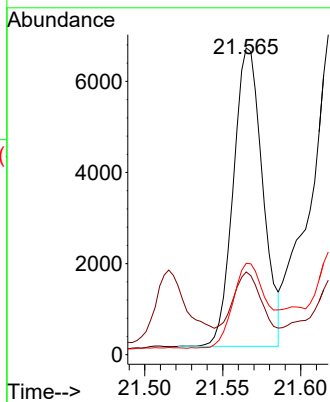
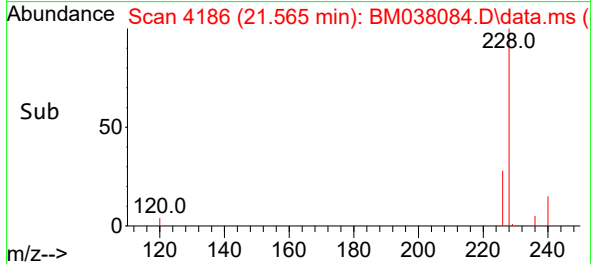
Instrument :
BNA_M
ClientSampleId :
DBYE5



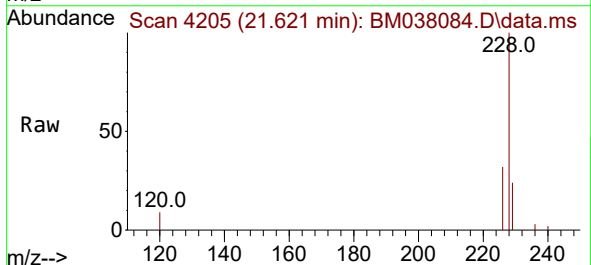
Tgt Ion:228 Resp: 8568
Ion Ratio Lower Upper
228 100
229 27.0 15.9 23.9
226 29.8 22.1 33.1

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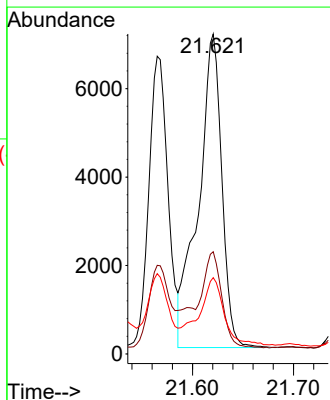
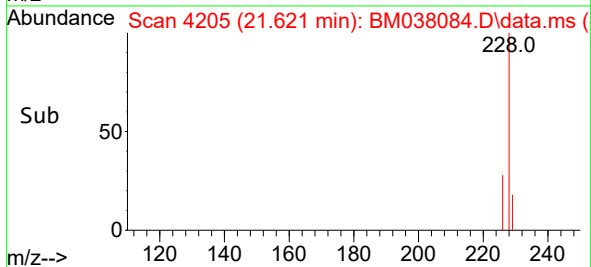
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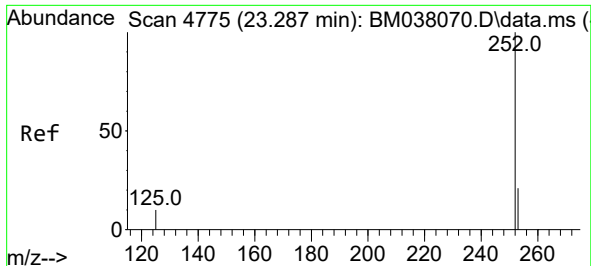


#22
Chrysene
Concen: 0.177 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40



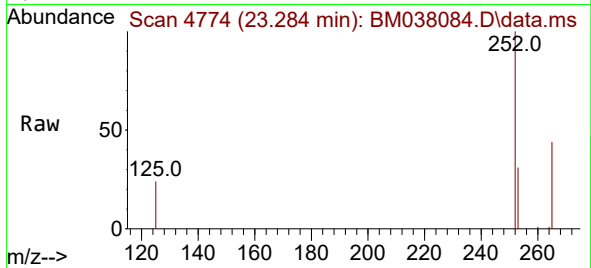
Tgt Ion:228 Resp: 11423
Ion Ratio Lower Upper
228 100
226 32.0 24.1 36.1
229 23.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

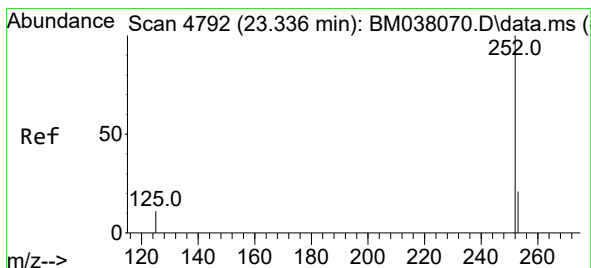
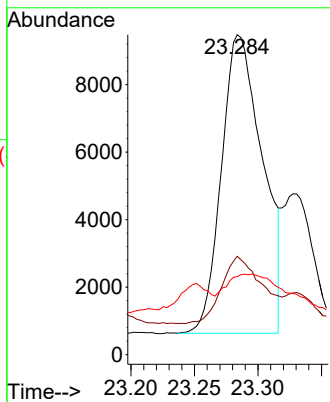
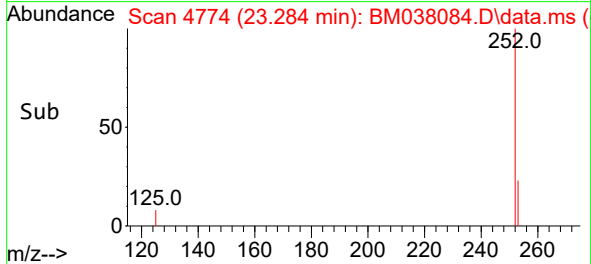
Instrument :
BNA_M
ClientSampleId :
DBYE5



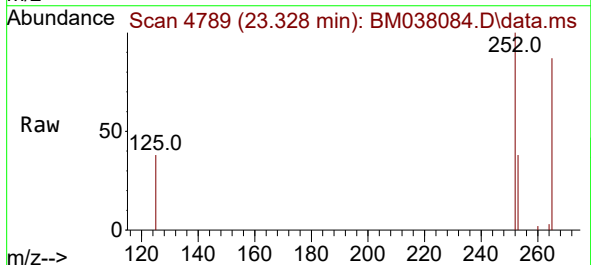
Tgt Ion:252 Resp: 19874
Ion Ratio Lower Upper
252 100
253 30.8 0.0 51.8
125 24.4 0.0 42.2

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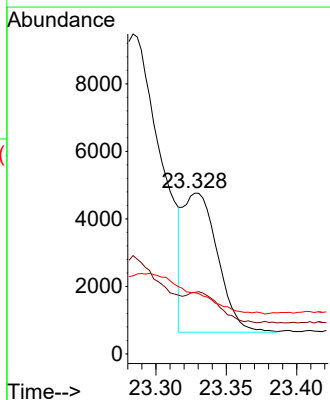
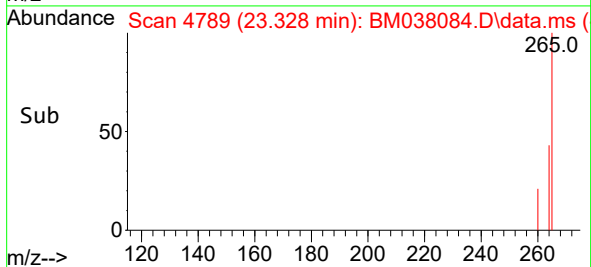
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

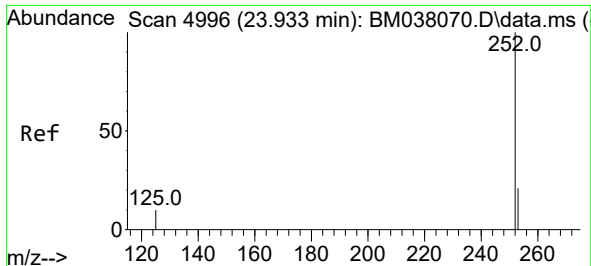


#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.009 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40



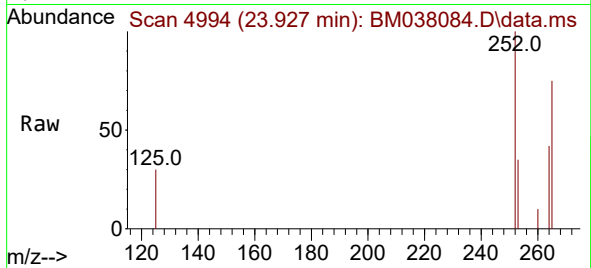
Tgt Ion:252 Resp: 7037
Ion Ratio Lower Upper
252 100
253 38.3 20.8 31.2#
125 38.1 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

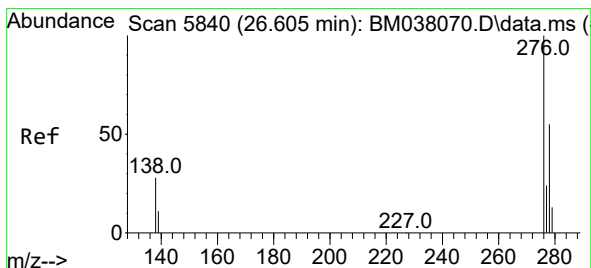
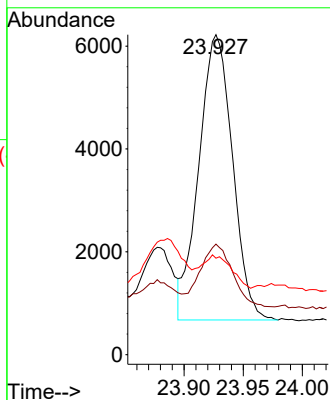
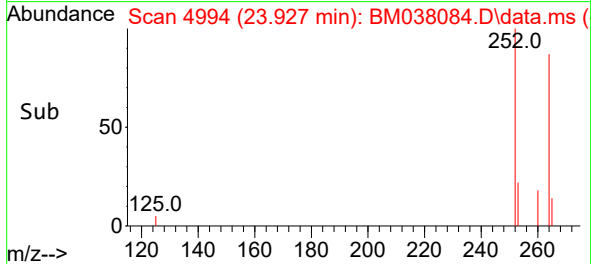
Instrument :
BNA_M
ClientSampleId :
DBYE5



Tgt Ion:252 Resp: 1098
Ion Ratio Lower Upper
252 100
253 34.6 21.9 32.9
125 30.2 20.7 31.1

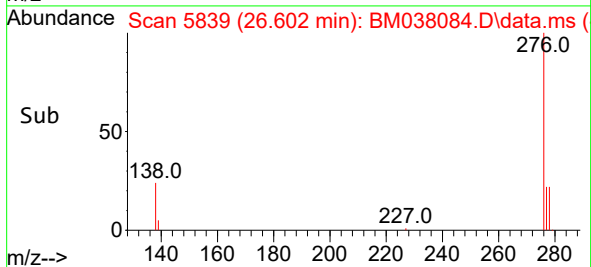
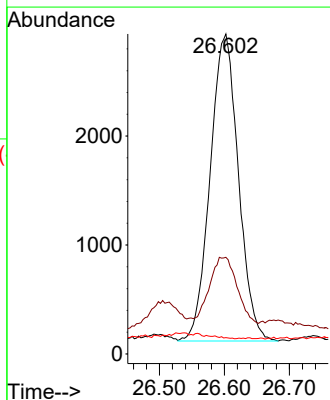
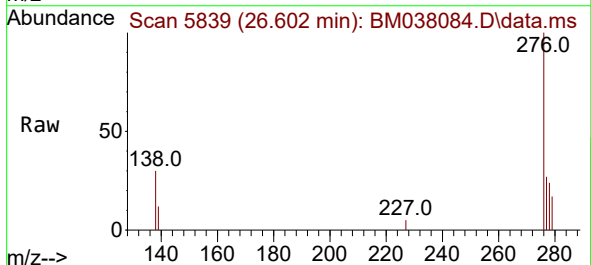
Manual Integrations
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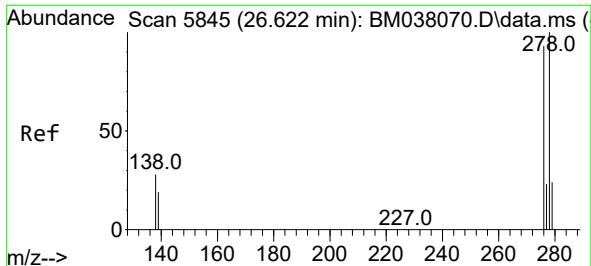
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.007 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

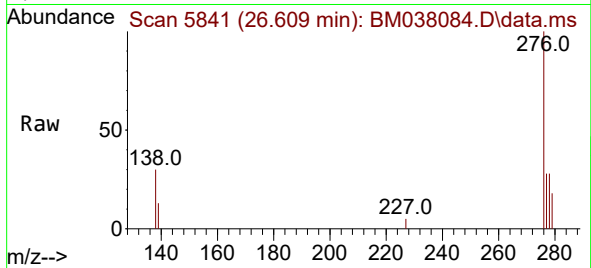
Tgt Ion:276 Resp: 8507
Ion Ratio Lower Upper
276 100
138 21.7 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.609 min Scan# 5845
Delta R.T. -0.013 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

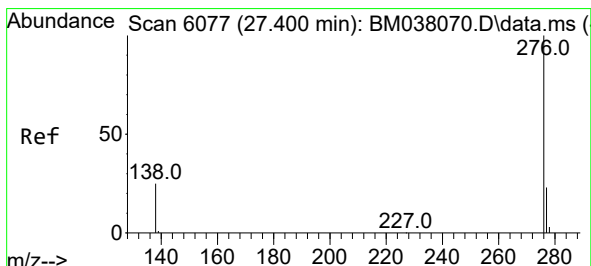
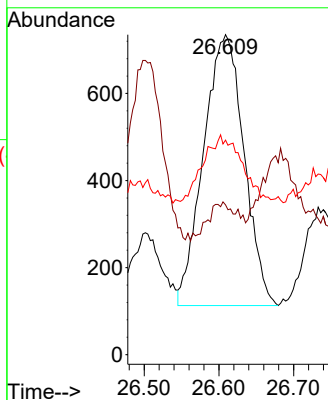
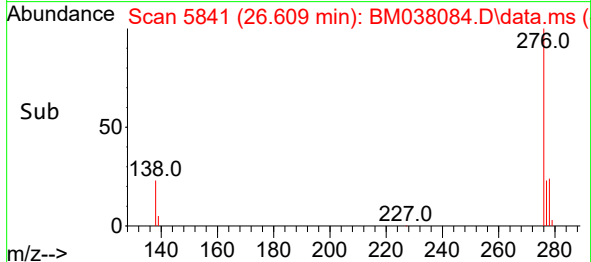
Instrument :
BNA_M
ClientSampleId :
DBYE5



Tgt Ion:278 Resp: 234
Ion Ratio Lower Upper
278 100
139 46.8 19.0 28.6
279 67.1 22.4 33.6

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.102 ng/ul
RT: 27.397 min Scan# 6076
Delta R.T. -0.003 min
Lab File: BM038084.D
Acq: 17 Dec 2022 01:40

Tgt Ion:276 Resp: 6050
Ion Ratio Lower Upper
276 100
138 37.2 24.1 36.1#
277 29.5 19.0 28.6#

