

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038102.D
 Acq On : 19 Dec 2022 14:51
 Operator : CG/JU
 Sample : N6006-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV8

Manual Integrations
 APPROVED

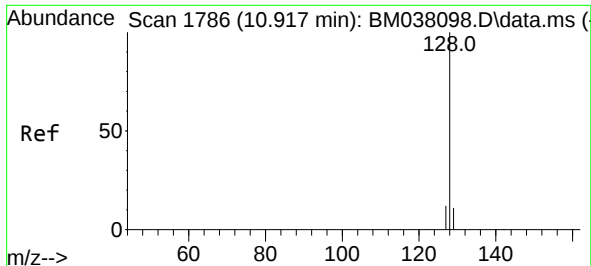
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 19 15:26:39 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 : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

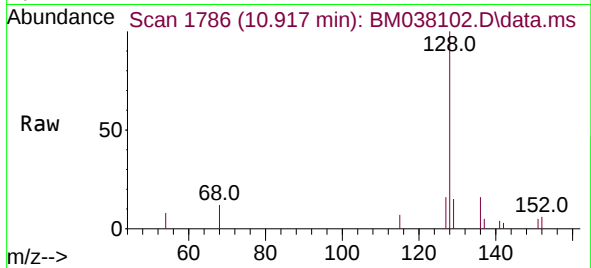
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	20455	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	11552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	23975	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16612	0.400	ng/ul	# 0.00
23) Perylene-d12	24.032	264	16082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	31114	3.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	9034	0.303	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	18744	0.311	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.917	128	3341	0.054	ng/ul#	91
7) 2-Methylnaphthalene	12.517	142	2289	0.060	ng/ul	97
8) 1-Methylnaphthalene	12.737	142	1673	0.043	ng/ul	97
10) Acenaphthylene	14.402	152	1542	0.025	ng/ul#	73
14) Pentachlorophenol	17.067	266	399	0.040	ng/ul	98
15) Phenanthrene	17.455	178	19536	0.242	ng/ul	98
16) Anthracene	17.548	178	2920	0.039	ng/ul#	83
19) Fluoranthene	19.459	202	58517	0.682	ng/ul#	94
20) Pyrene	19.826	202	46805m	0.534	ng/ul	
21) Benzo(a)anthracene	21.562	228	24052	0.335	ng/ul#	95
22) Chrysene	21.618	228	30738	0.425	ng/ul	96
24) Benzo(b)fluoranthene	23.281	252	44517	0.584	ng/ul	95
25) Benzo(k)fluoranthene	23.325	252	15675m	0.213	ng/ul	
26) Benzo(a)pyrene	23.921	252	26371	0.411	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.589	276	21235	0.263	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.599	278	5245	0.084	ng/ul#	69
29) Benzo(g,h,i)perylene	27.387	276	20961	0.306	ng/ul	98

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



#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

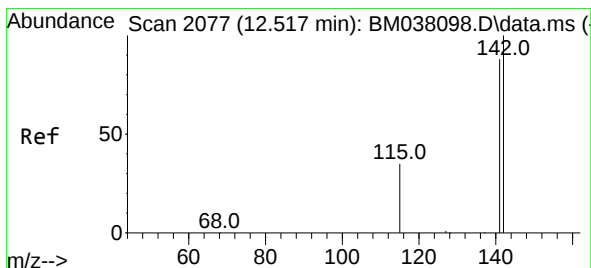
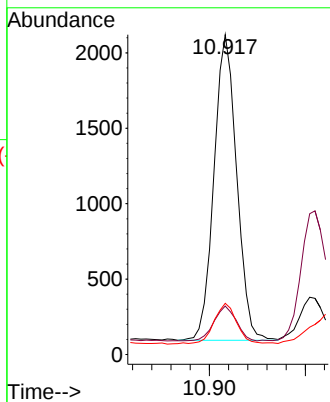
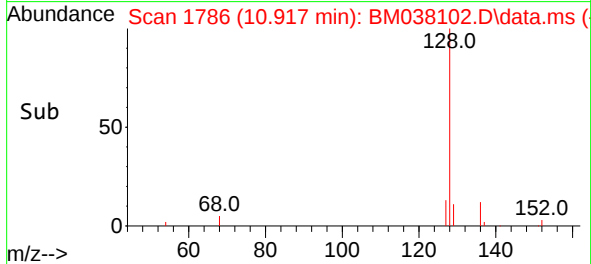
Instrument :
BNA_M
ClientSampleId :
DBXV8



Tgt Ion:128 Resp: 334
Ion Ratio Lower Upper
128 100
129 15.2 9.1 13.7
127 16.0 10.4 15.6

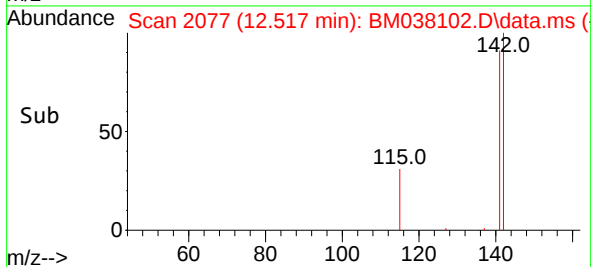
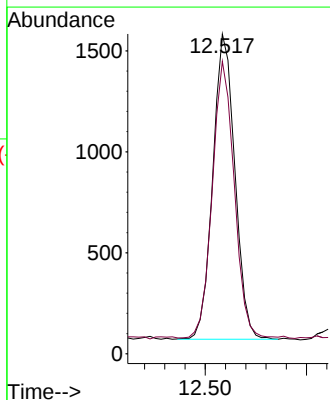
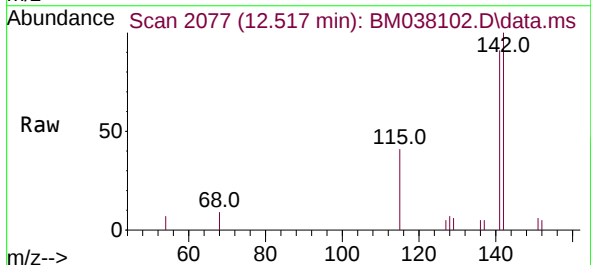
Manual Integrations
APPROVED

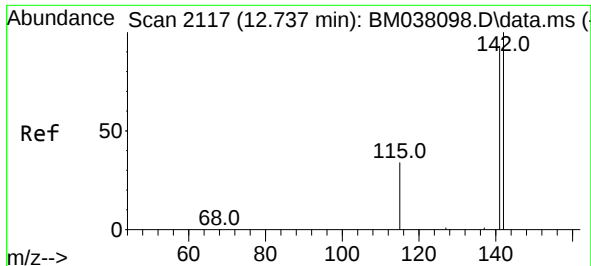
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

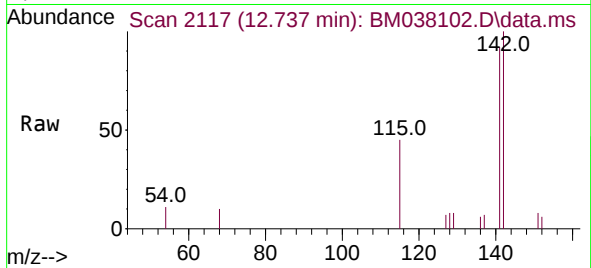
Tgt Ion:142 Resp: 2289
Ion Ratio Lower Upper
142 100
141 90.7 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

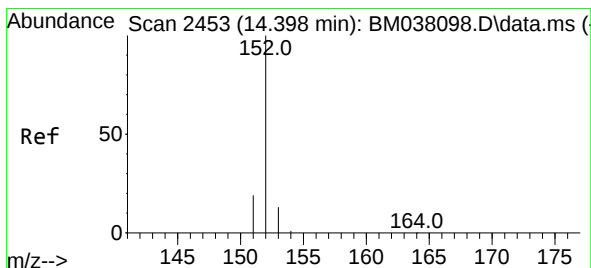
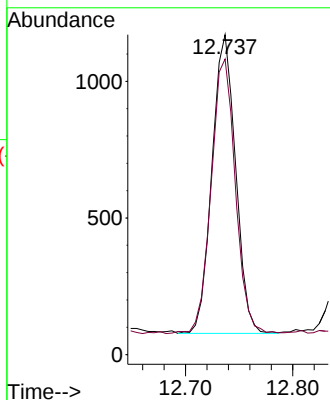
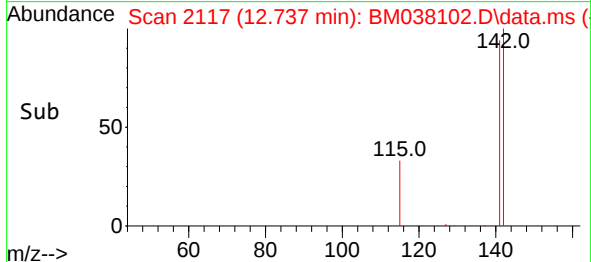
Instrument :
BNA_M
ClientSampleId :
DBXV8



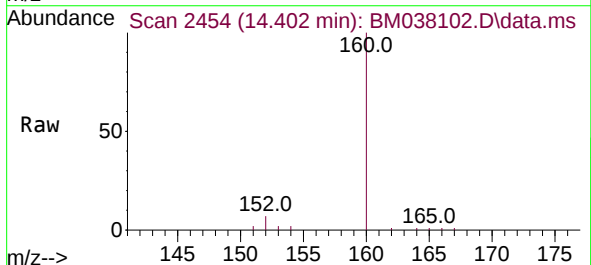
Tgt Ion:142 Resp: 1673
Ion Ratio Lower Upper
142 100
141 94.4 73.6 110.4

Manual Integrations
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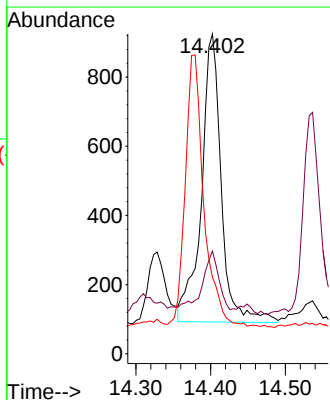
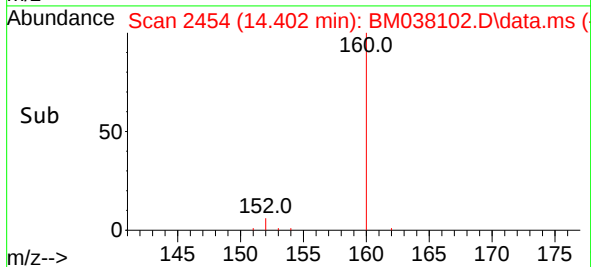
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

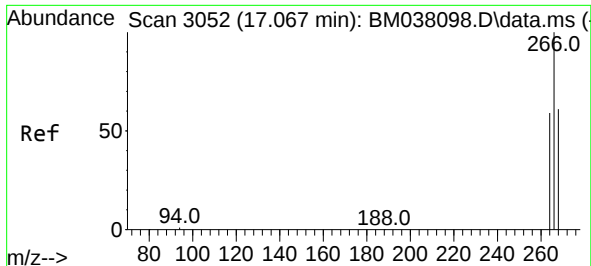


#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51



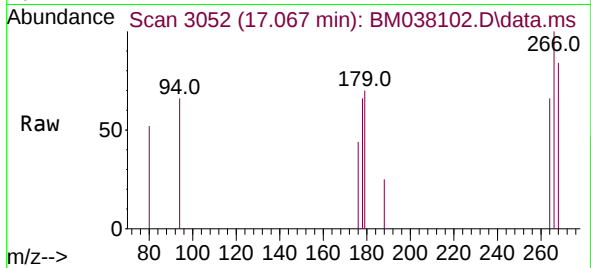
Tgt Ion:152 Resp: 1542
Ion Ratio Lower Upper
152 100
151 32.1 15.5 23.3#
153 23.9 11.0 16.4#





#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

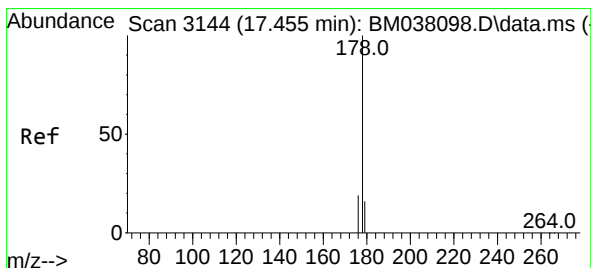
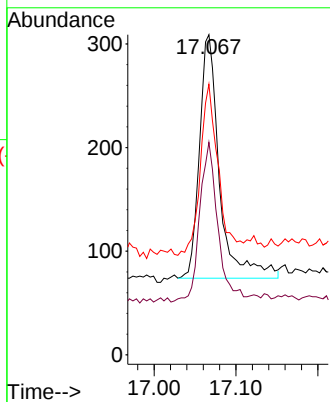
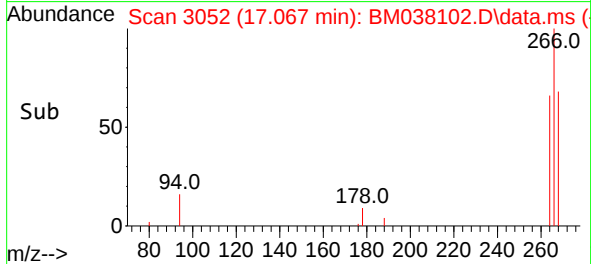
Instrument :
BNA_M
ClientSampleId :
DBXV8



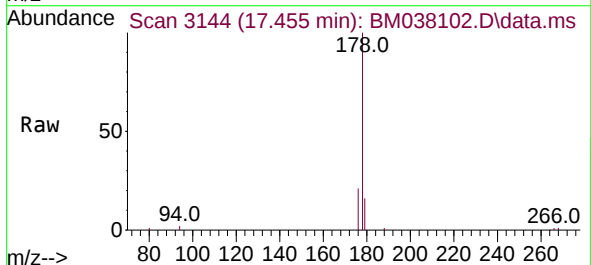
Tgt Ion:266 Resp: 399
Ion Ratio Lower Upper
266 100
264 59.6 49.9 74.9
268 63.9 52.0 78.0

Manual Integrations
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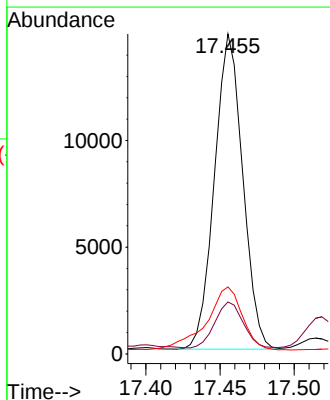
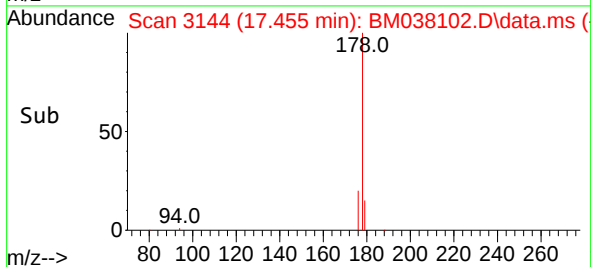
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

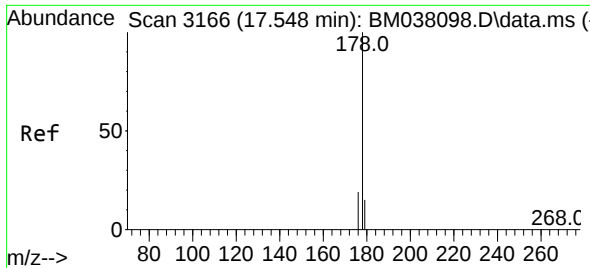


#15
Phenanthrene
Concen: 0.242 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51



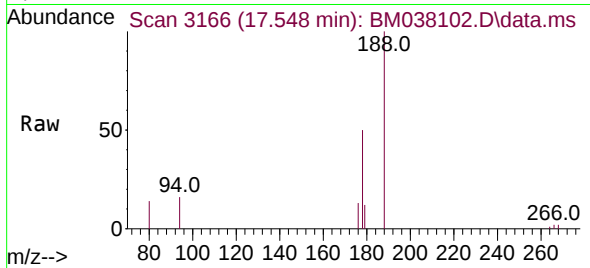
Tgt Ion:178 Resp: 19536
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.9 15.8 23.6





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BM038102.D
 Acq: 19 Dec 2022 14:51

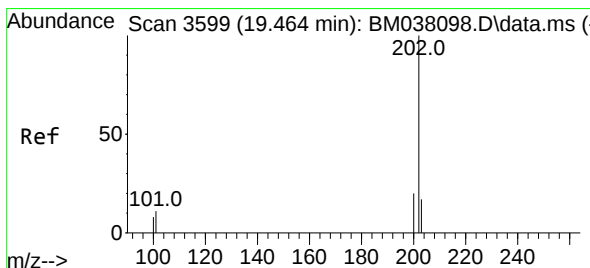
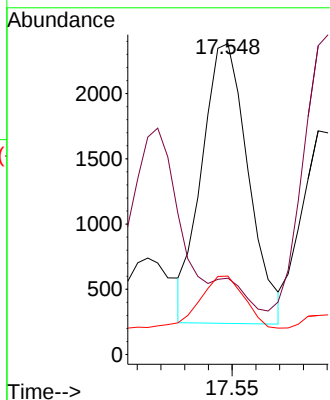
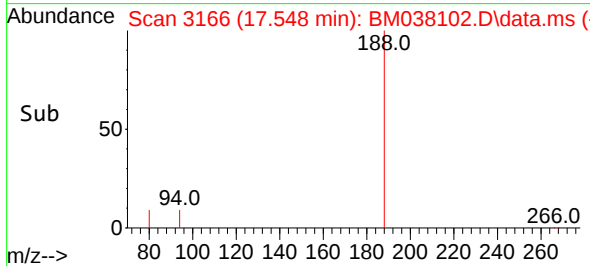
Instrument :
 BNA_M
 ClientSampleId :
 DBXV8



Tgt Ion:178 Resp: 2920
 Ion Ratio Lower Upper
 178 100
 179 24.5 13.0 19.4
 176 25.2 15.0 22.4

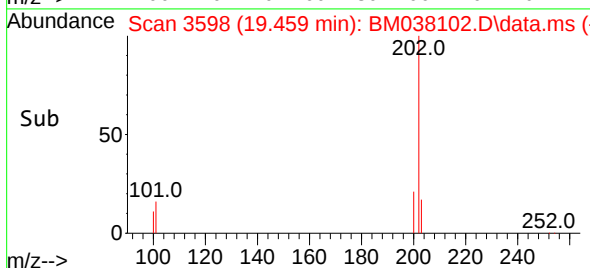
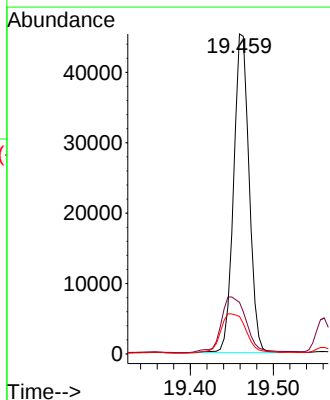
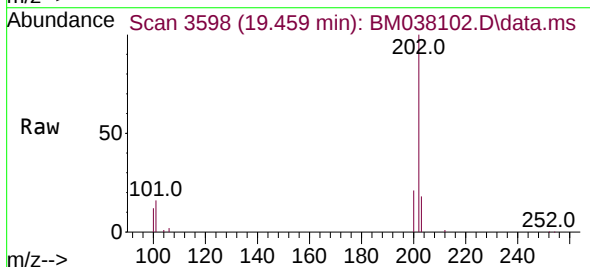
Manual Integrations
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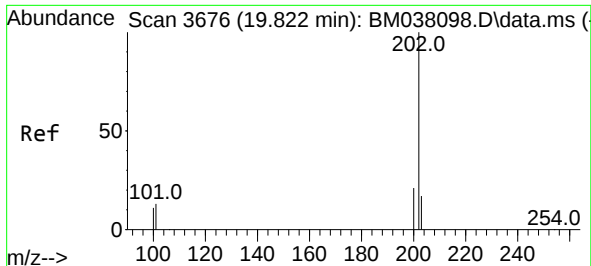
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#19
 Fluoranthene
 Concen: 0.682 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038102.D
 Acq: 19 Dec 2022 14:51

Tgt Ion:202 Resp: 58517
 Ion Ratio Lower Upper
 202 100
 101 16.1 10.6 15.8
 100 11.7 7.9 11.9





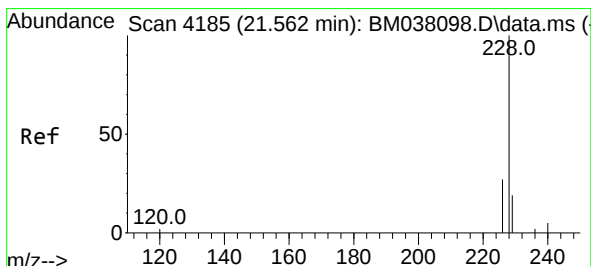
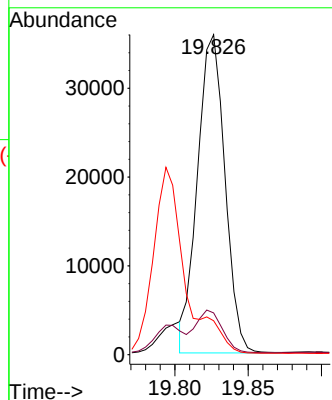
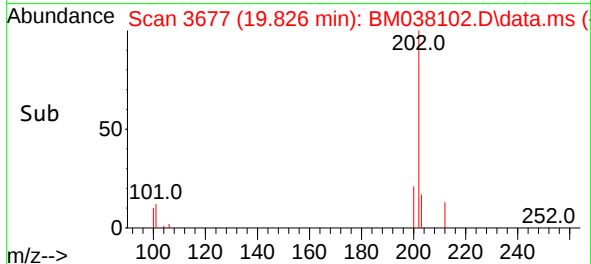
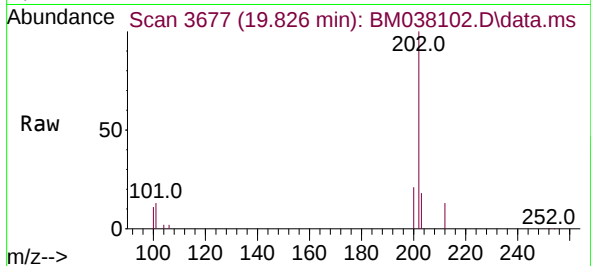
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Pyrene
Concen: 0.534 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

Instrument :
BNA_M
ClientSampleId :
DBXV8

Tgt Ion:202 Resp: 46805
Ion Ratio Lower Upper
202 100
101 13.0 12.1 18.1
100 10.6 9.8 14.6

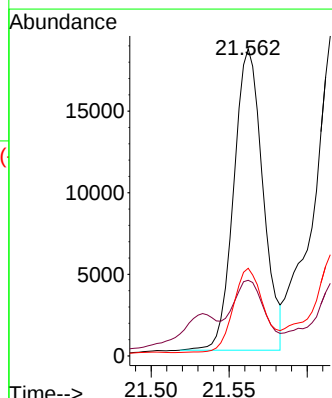
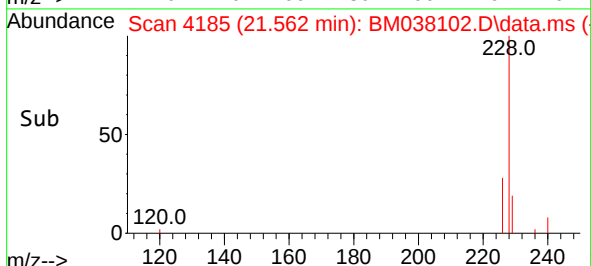
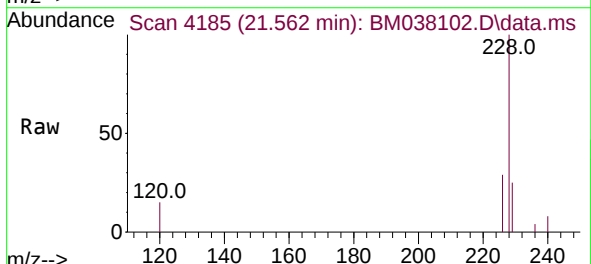
Manual Integrations
APPROVED

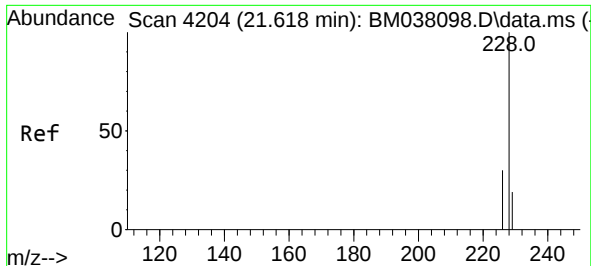
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

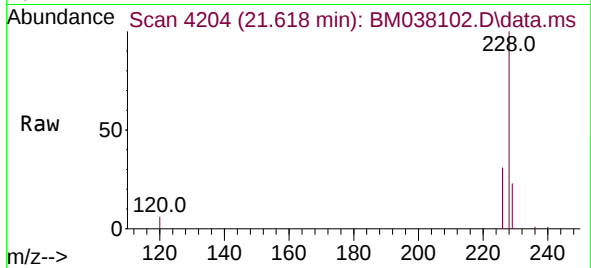
Tgt Ion:228 Resp: 24052
Ion Ratio Lower Upper
228 100
229 24.6 15.9 23.9#
226 28.5 22.1 33.1





#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

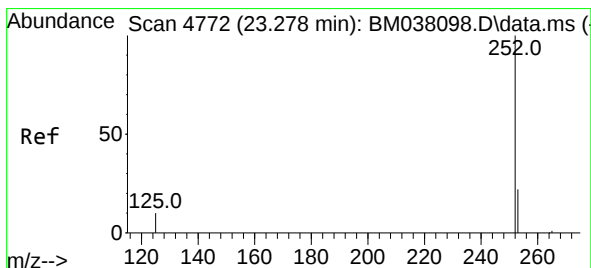
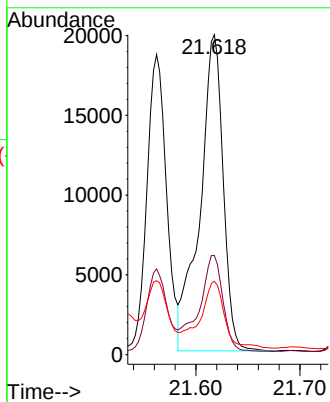
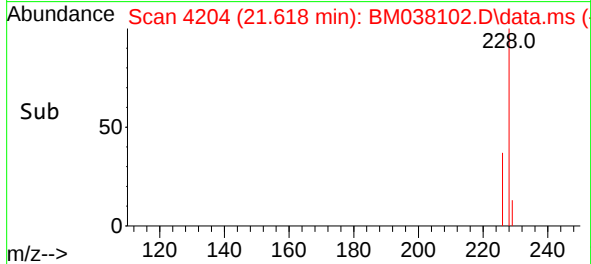
Instrument :
BNA_M
ClientSampleId :
DBXV8



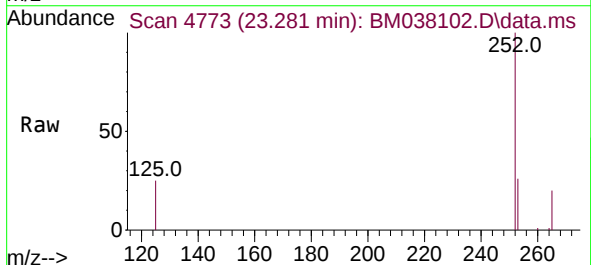
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Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.9 15.7 23.5

Manual Integrations
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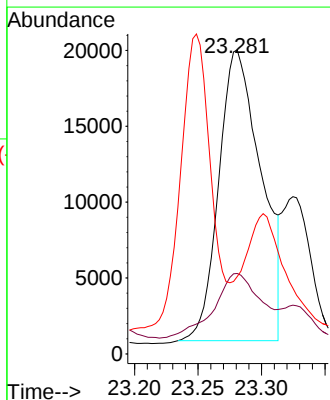
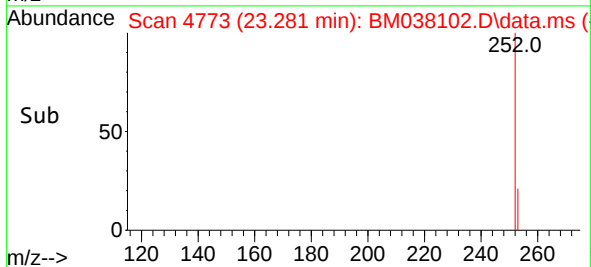
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

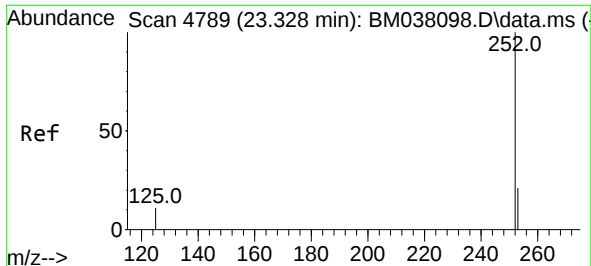


#24
Benzo(b)fluoranthene
Concen: 0.584 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51



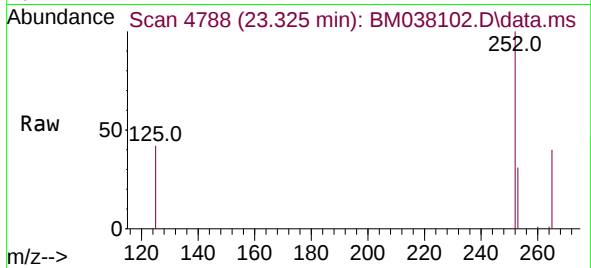
Tgt Ion:252 Resp: 44517
Ion Ratio Lower Upper
252 100
253 26.5 0.0 51.8
125 25.4 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.213 ng/ul m
RT: 23.325 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

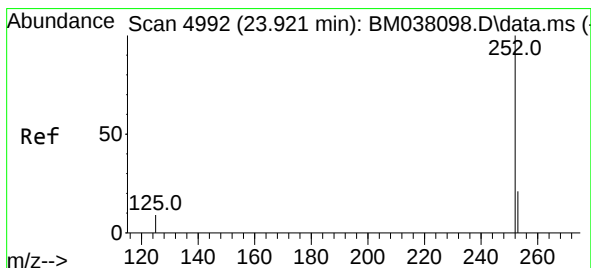
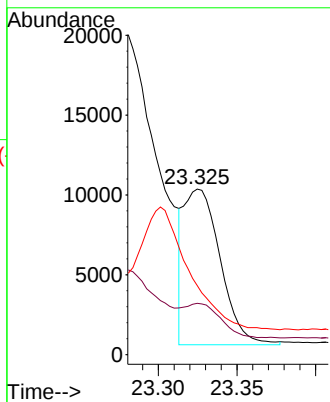
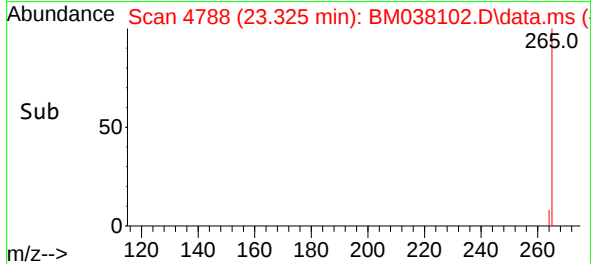
Instrument :
BNA_M
ClientSampleId :
DBXV8



Tgt Ion:252 Resp: 15675
Ion Ratio Lower Upper
252 100
253 31.0 20.8 31.2
125 41.7 17.1 25.7

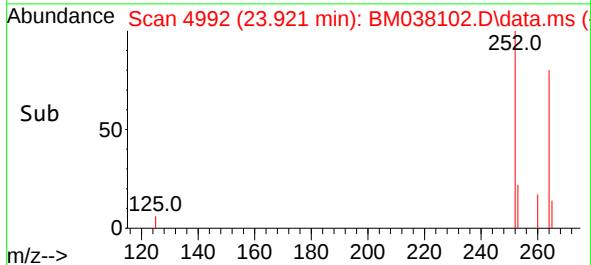
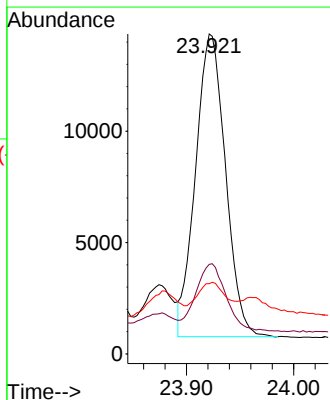
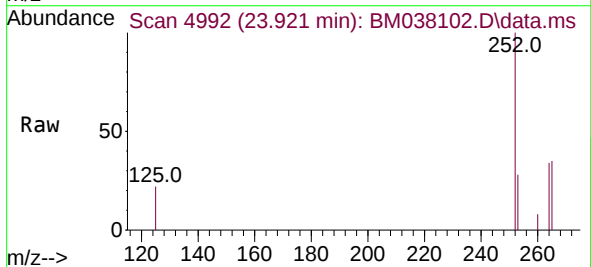
Manual Integrations
APPROVED

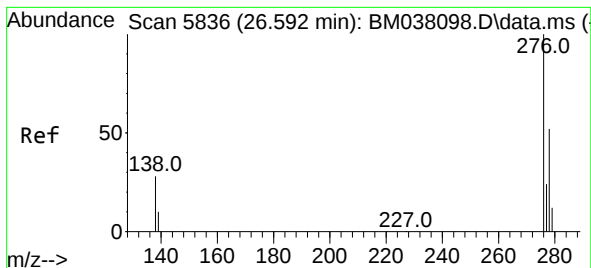
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038102.D
Acq: 19 Dec 2022 14:51

Tgt Ion:252 Resp: 26371
Ion Ratio Lower Upper
252 100
253 28.0 21.9 32.9
125 21.9 20.7 31.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.263 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. -0.010 min

Lab File: BM038102.D

Acq: 19 Dec 2022 14:51

Instrument :

BNA_M

ClientSampleId :

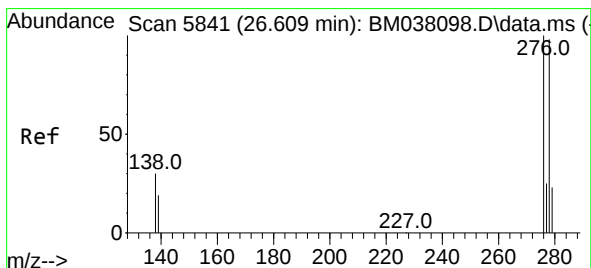
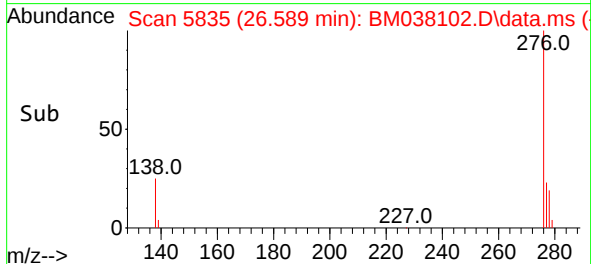
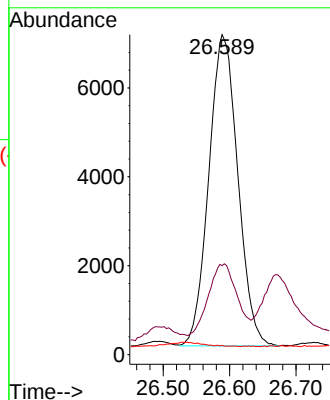
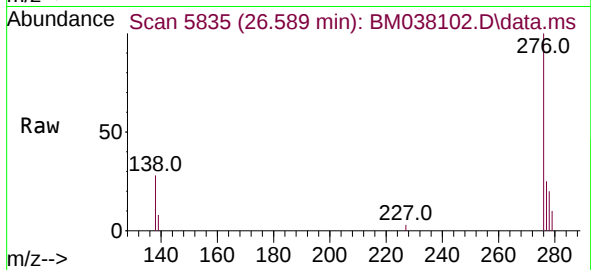
DBXV8

Tgt Ion:	276	Resp:	21235
Ion Ratio	Lower	Upper	
276	100		
138	23.7	26.6	40.0#
227	0.0	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.084 ng/ul

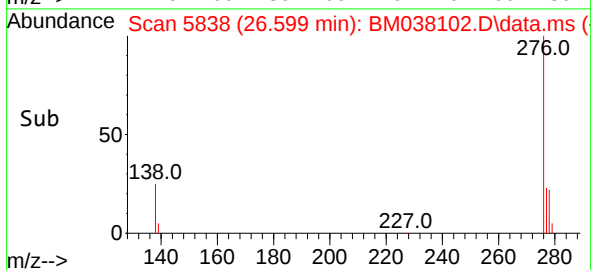
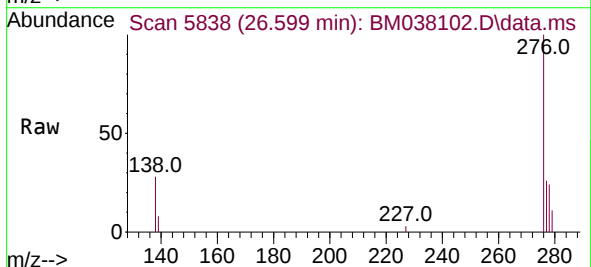
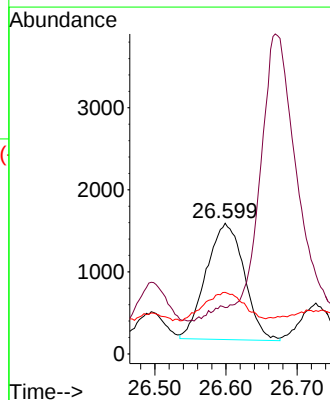
RT: 26.599 min Scan# 5838

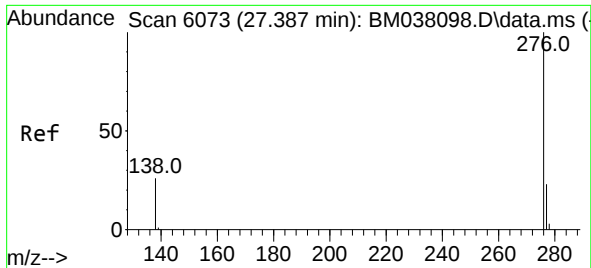
Delta R.T. -0.017 min

Lab File: BM038102.D

Acq: 19 Dec 2022 14:51

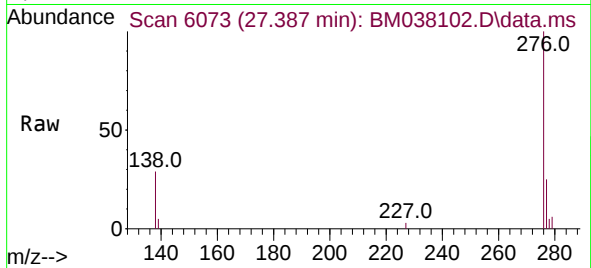
Tgt Ion:	278	Resp:	5245
Ion Ratio	Lower	Upper	
278	100		
139	35.4	19.0	28.6#
279	47.1	22.4	33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.306 ng/ul
 RT: 27.387 min Scan# 6073
 Delta R.T. -0.007 min
 Lab File: BM038102.D
 Acq: 19 Dec 2022 14:51

Instrument :
 BNA_M
 ClientSampleId :
 DBXV8



Tgt Ion:	276	Resp:	2096
Ion Ratio	Lower	Upper	
276	100		
138	28.9	24.1	36.1
277	25.0	19.0	28.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

