

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038105.D
 Acq On : 19 Dec 2022 16:43
 Operator : CG/JU
 Sample : N6006-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV6

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 17:24:16 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	5353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16988	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.680	164	9192	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19443	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16042	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	15469	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	28289	3.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	7421	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	17586	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	2096	0.041	ng/ul#	89
7) 2-Methylnaphthalene	12.517	142	1137	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.737	142	879	0.027	ng/ul	95
10) Acenaphthylene	14.402	152	1804	0.037	ng/ul#	84
11) Acenaphthene	14.740	153	814	0.022	ng/ul	96
14) Pentachlorophenol	17.067	266	419	0.052	ng/ul	99
15) Phenanthrene	17.455	178	17524	0.268	ng/ul	98
16) Anthracene	17.548	178	3575	0.059	ng/ul#	90
19) Fluoranthene	19.464	202	67578	0.816	ng/ul	97
20) Pyrene	19.826	202	54569m	0.645	ng/ul	
21) Benzo(a)anthracene	21.562	228	29539	0.426	ng/ul	99
22) Chrysene	21.618	228	36988	0.529	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	54477	0.743	ng/ul	99
25) Benzo(k)fluoranthene	23.328	252	17295m	0.244	ng/ul	
26) Benzo(a)pyrene	23.924	252	30998	0.502	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.595	276	25942	0.335	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.605	278	6508	0.108	ng/ul#	75
29) Benzo(g,h,i)perylene	27.394	276	24450	0.371	ng/ul	98

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

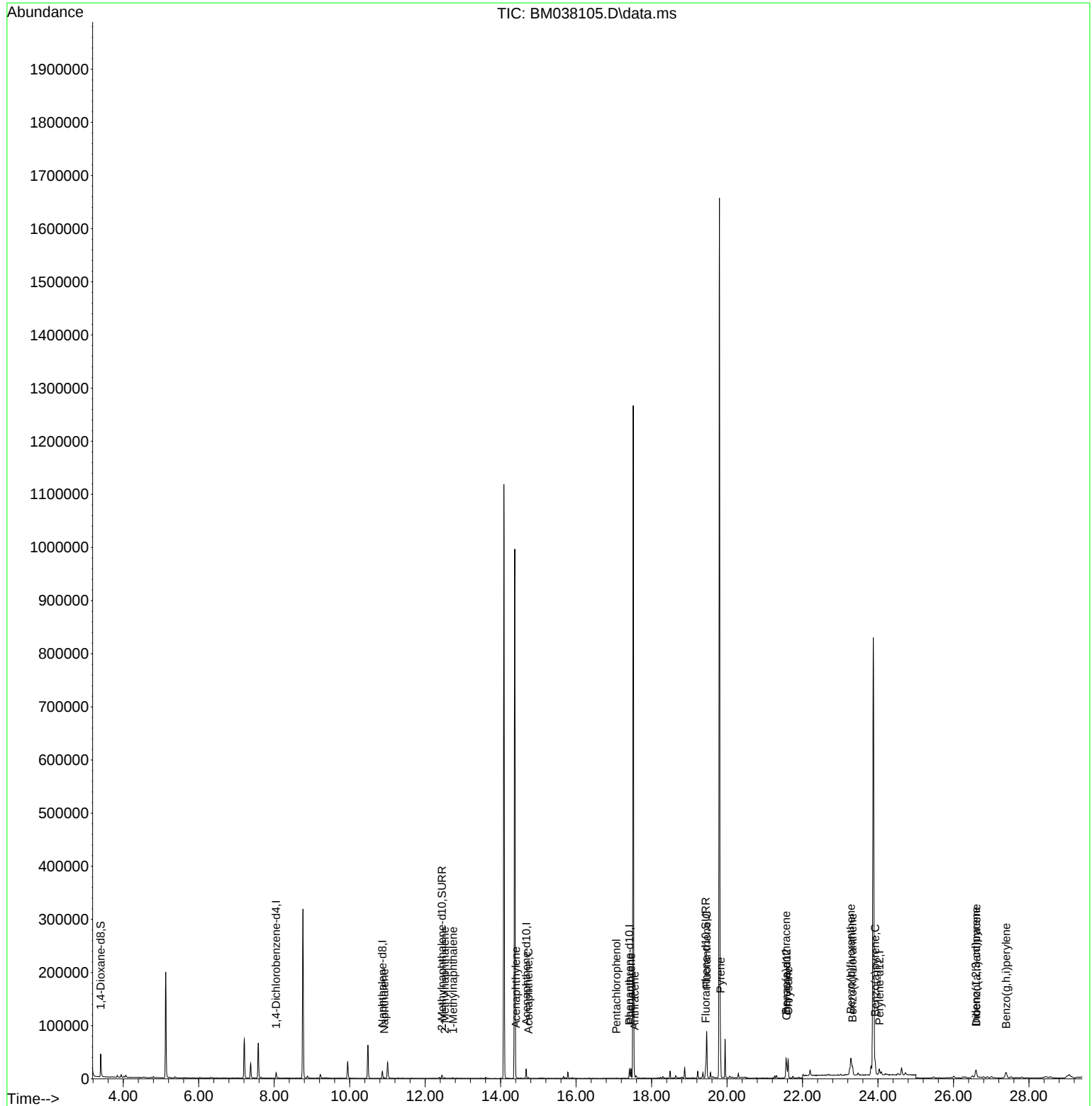
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038105.D
Acq On : 19 Dec 2022 16:43
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ALS Vial : 8 Sample Multiplier: 1

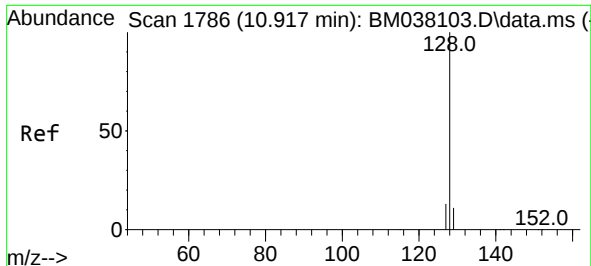
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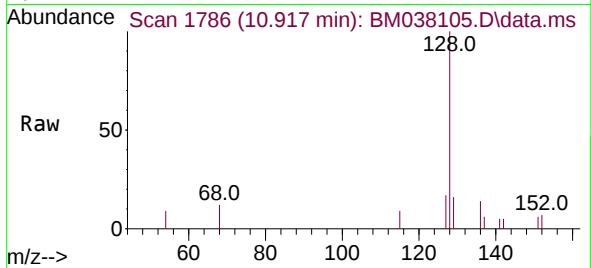
Quant Time: Dec 19 17:24:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

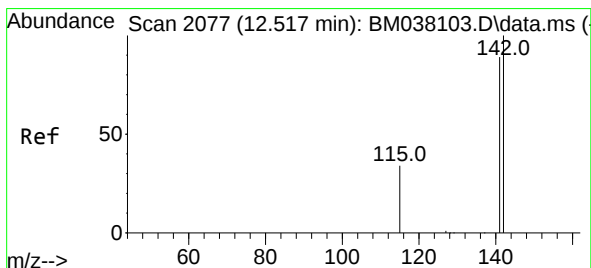
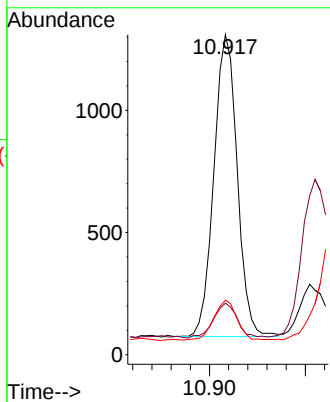
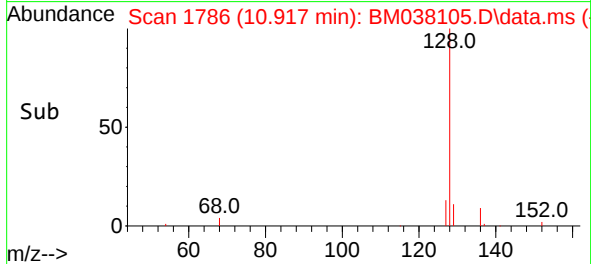
Instrument :
BNA_M
ClientSampleId :
DBXV6



Tgt Ion:128 Resp: 2096
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7
127 17.0 10.4 15.6

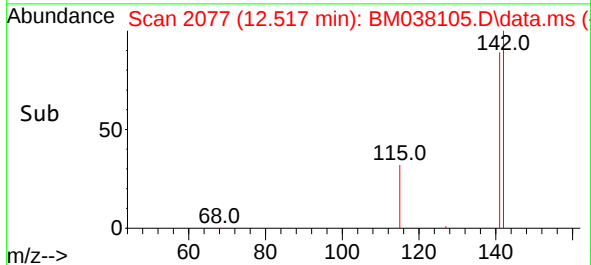
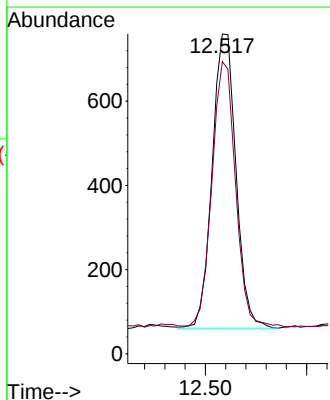
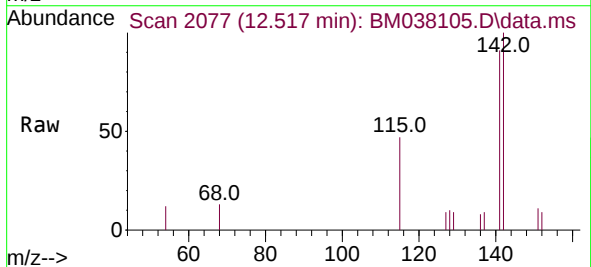
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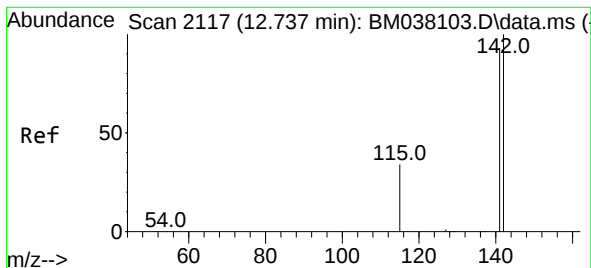
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

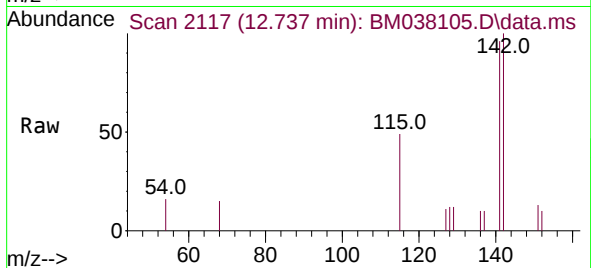
Tgt Ion:142 Resp: 1137
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

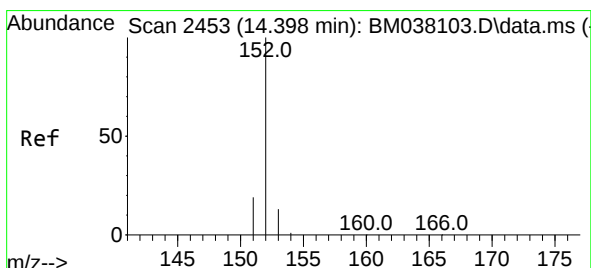
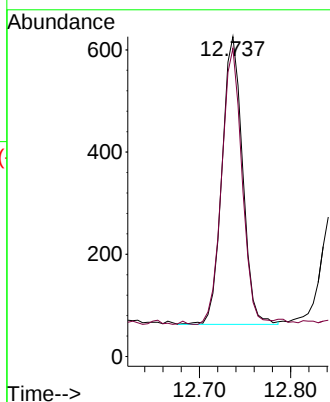
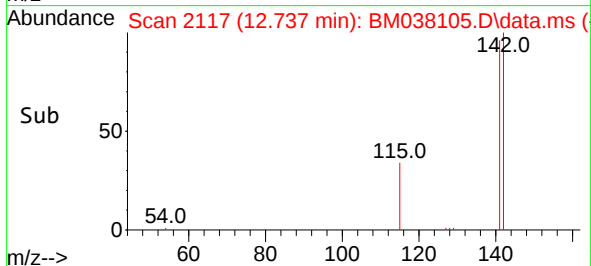
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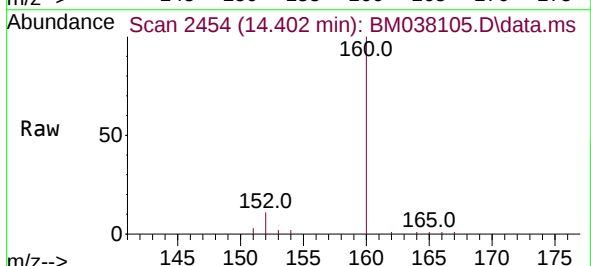
Tgt Ion:142 Resp: 879
Ion Ratio Lower Upper
142 100
141 96.5 73.6 110.4

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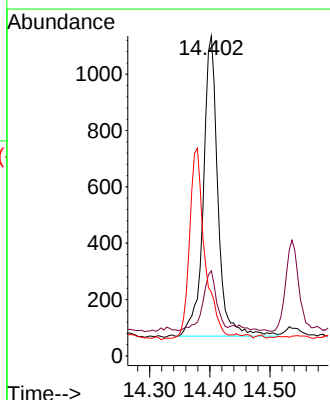
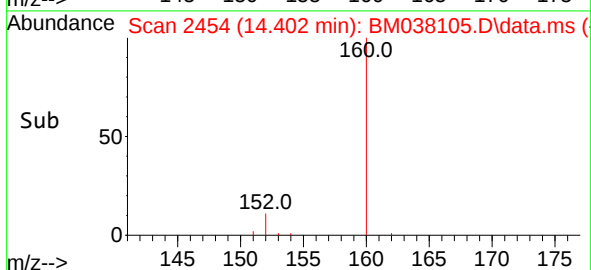
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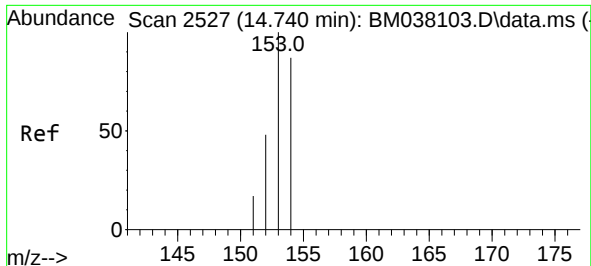


#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43



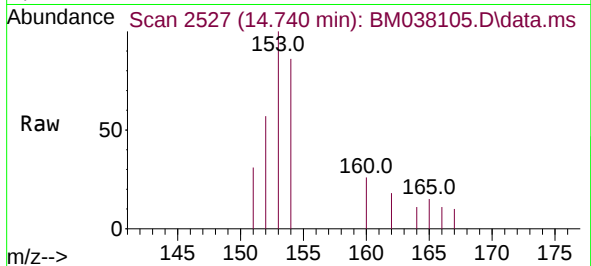
Tgt Ion:152 Resp: 1804
Ion Ratio Lower Upper
152 100
151 26.6 15.5 23.3#
153 19.9 11.0 16.4#





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.740 min Scan# 214
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

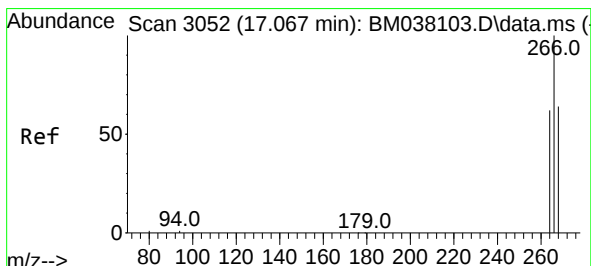
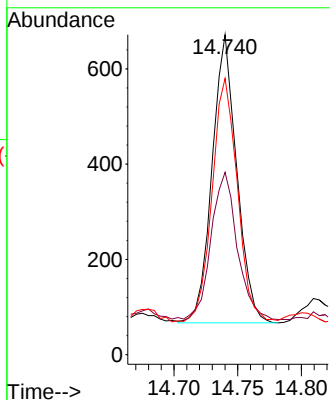
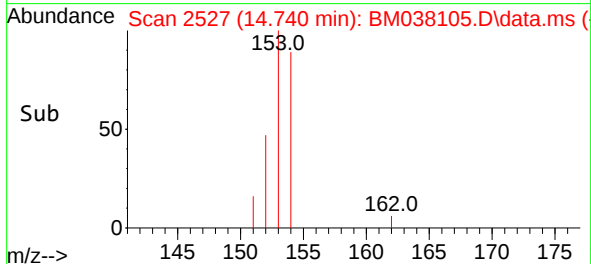
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 814
Ion Ratio Lower Upper
153 100
152 57.0 39.5 59.3
154 86.3 69.2 103.8

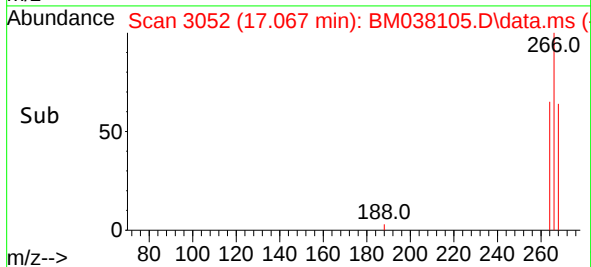
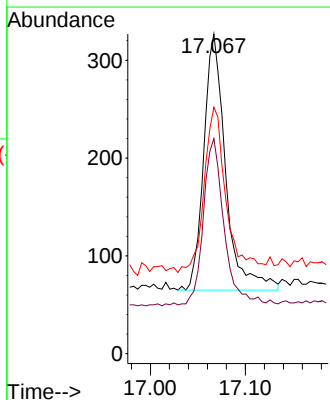
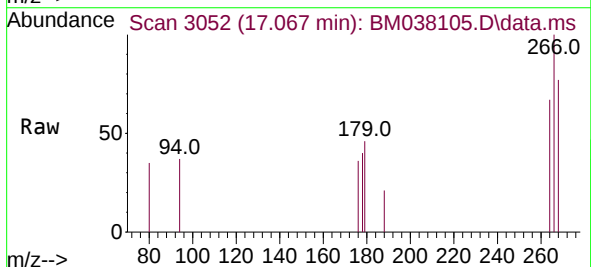
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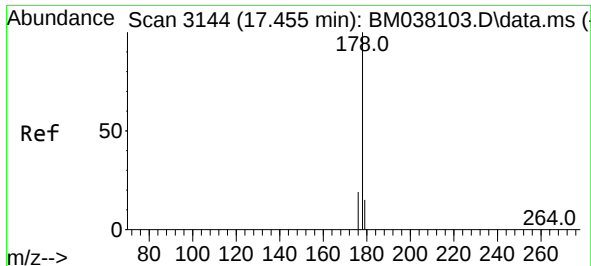
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#14
Pentachlorophenol
Concen: 0.052 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Tgt Ion:266 Resp: 419
Ion Ratio Lower Upper
266 100
264 61.3 49.9 74.9
268 64.9 52.0 78.0





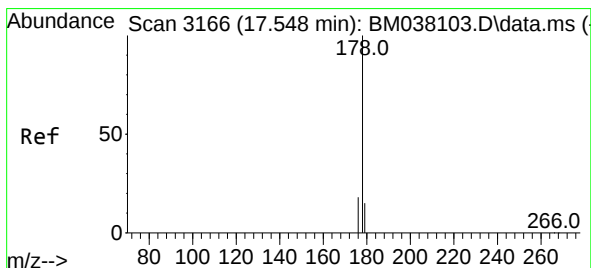
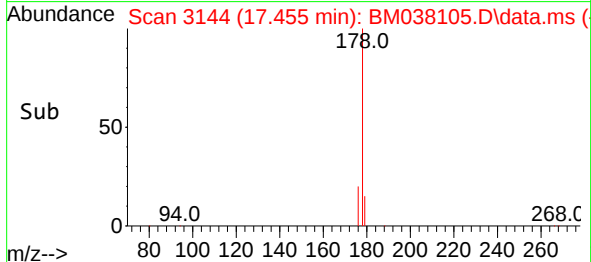
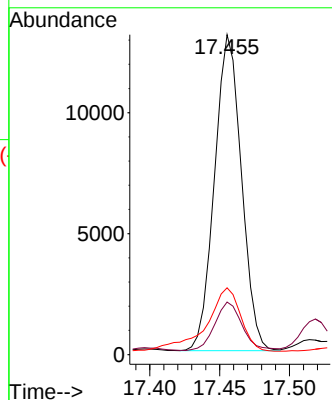
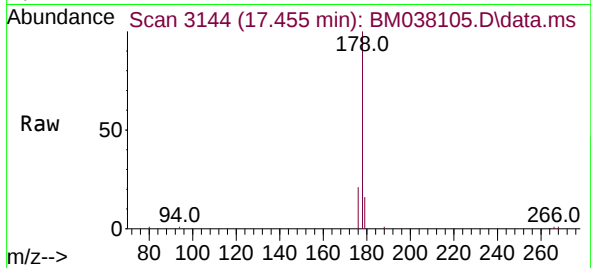
#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Instrument :
BNA_M
ClientSampleId :
DBXV6

Tgt Ion:178 Resp: 17524
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.9 15.8 23.6

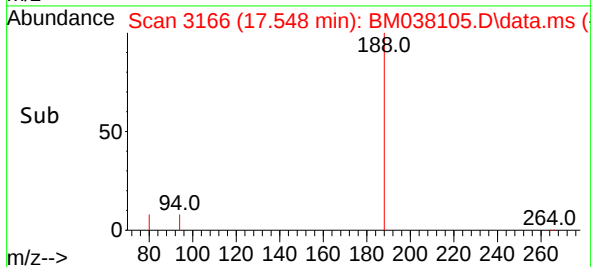
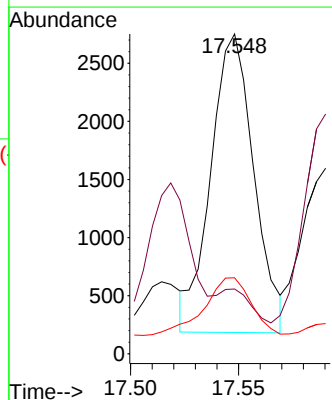
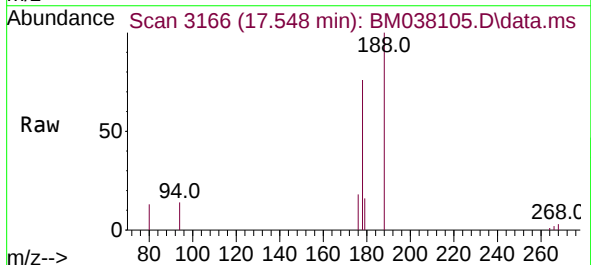
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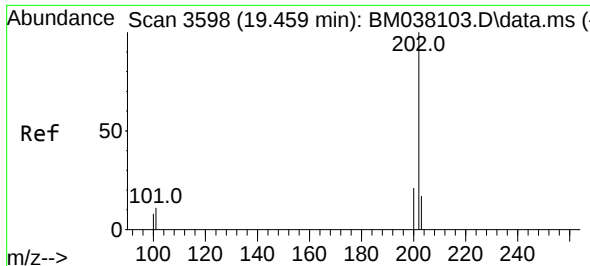
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
Anthracene
Concen: 0.059 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

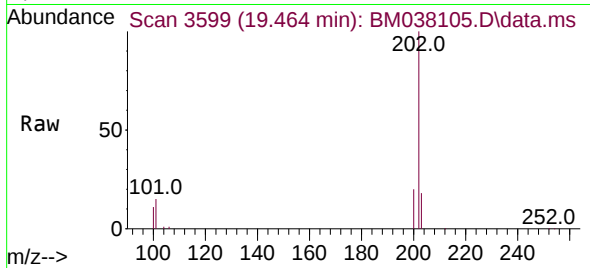
Tgt Ion:178 Resp: 3575
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.4#
176 23.8 15.0 22.4#





#19
Fluoranthene
Concen: 0.816 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

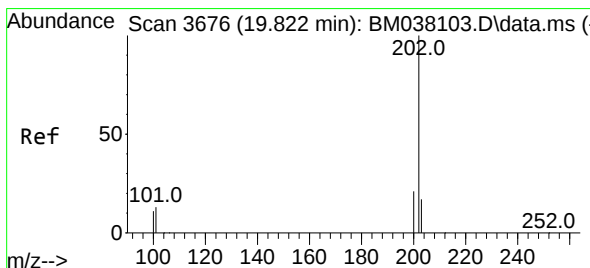
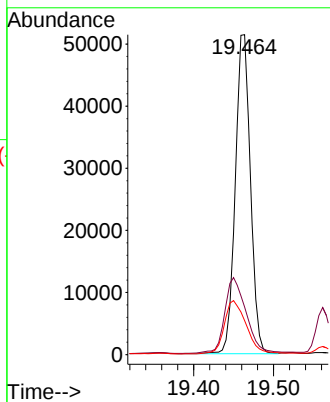
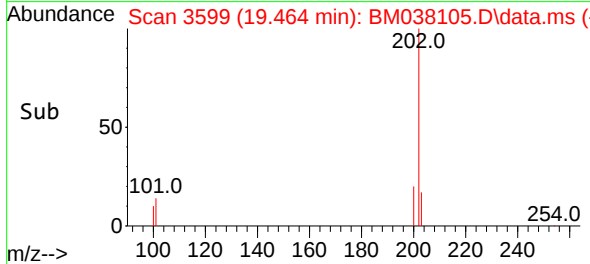
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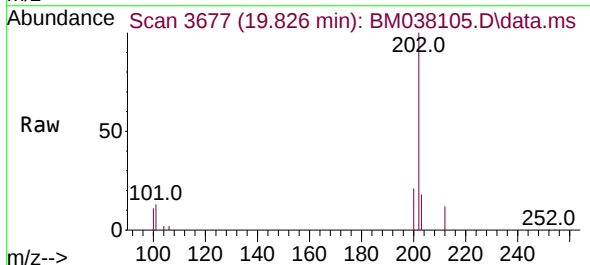
Tgt Ion:202 Resp: 67578
Ion Ratio Lower Upper
202 100
101 14.9 10.6 15.8
100 10.6 7.9 11.9

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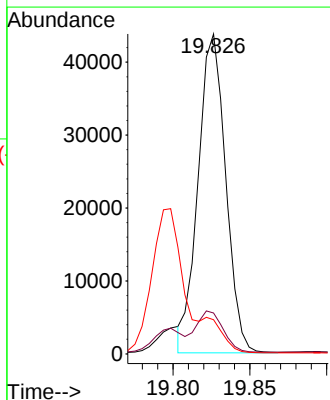
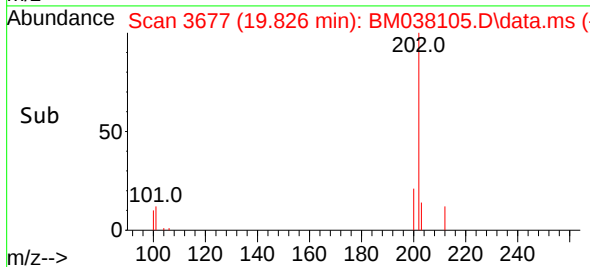
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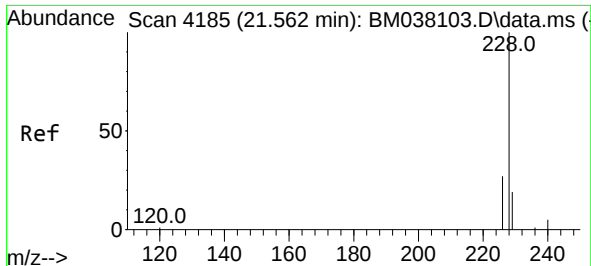


#20
Pyrene
Concen: 0.645 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43



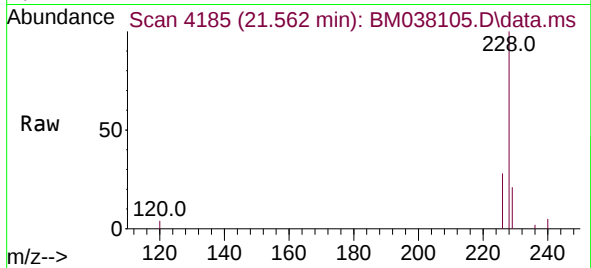
Tgt Ion:202 Resp: 54569
Ion Ratio Lower Upper
202 100
101 12.8 12.1 18.1
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

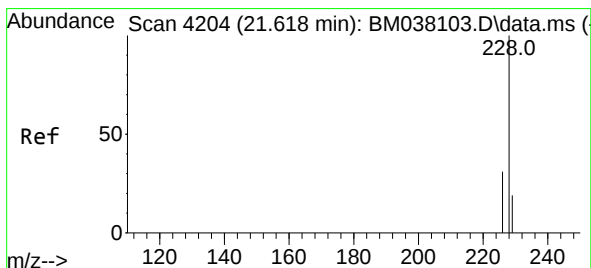
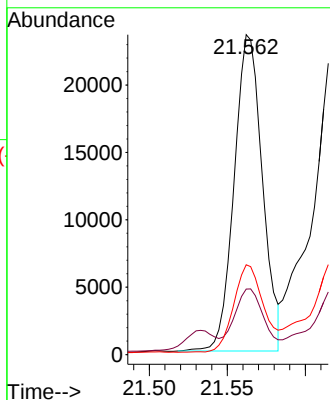
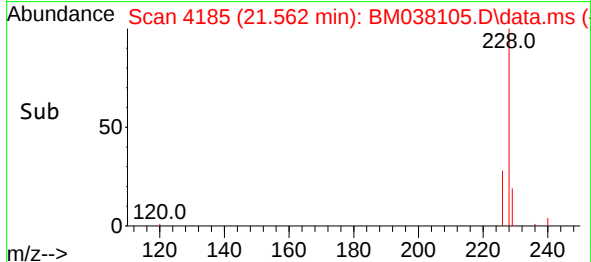
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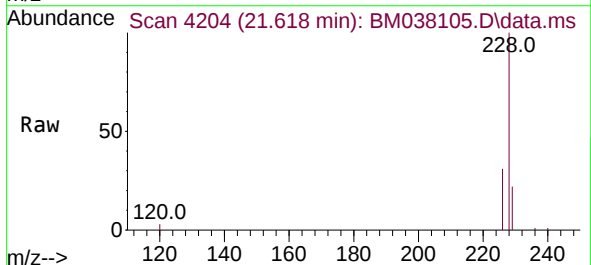
Tgt Ion:228 Resp: 29539
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.1 22.1 33.1

Manual Integrations
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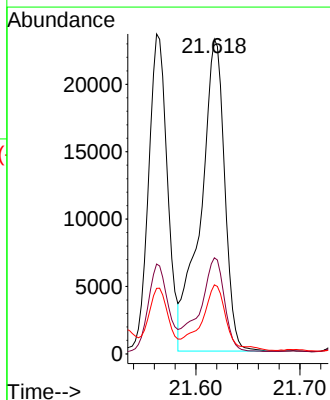
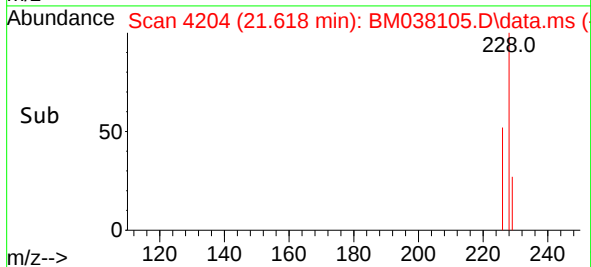
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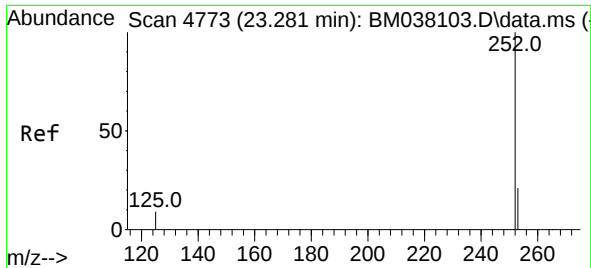


#22
Chrysene
Concen: 0.529 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43



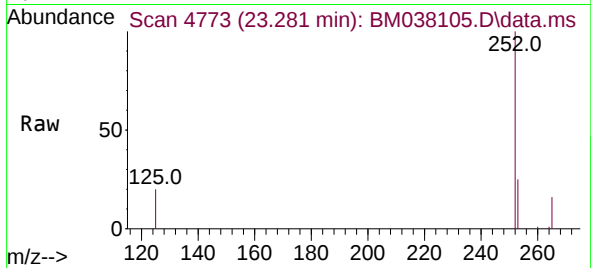
Tgt Ion:228 Resp: 36988
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.743 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

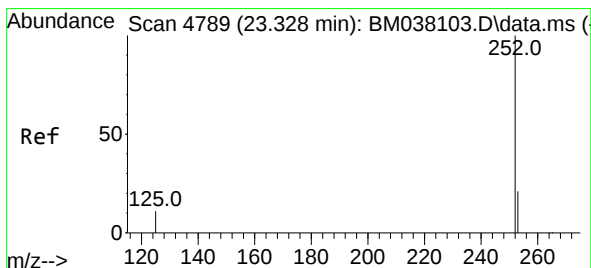
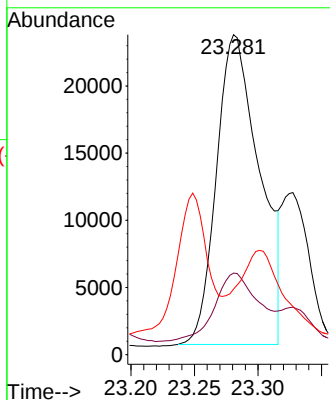
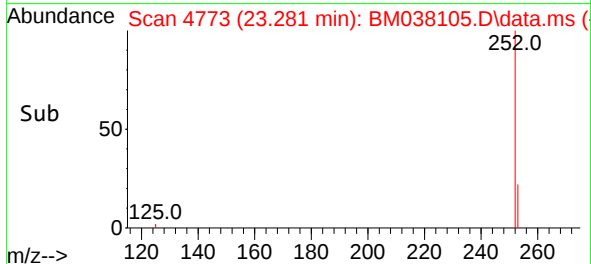
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 5447
Ion Ratio Lower Upper
252 100
253 25.5 0.0 51.8
125 20.5 0.0 42.2

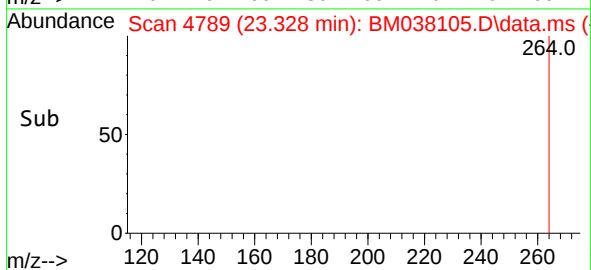
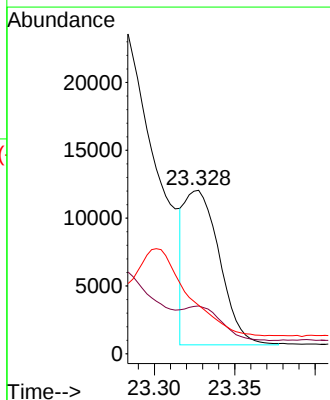
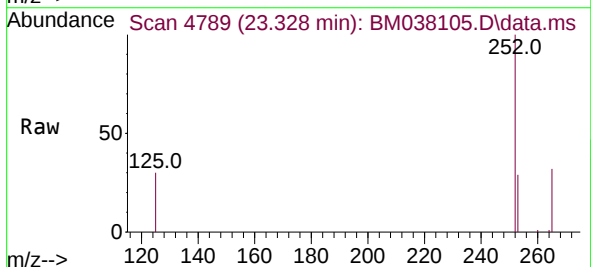
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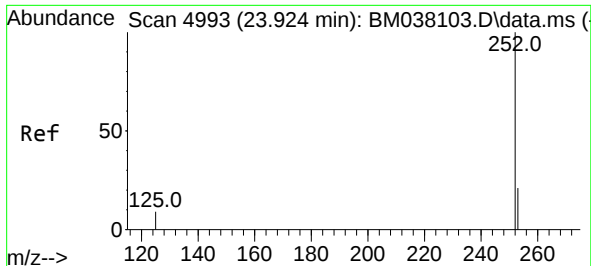
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#25
Benzo(k)fluoranthene
Concen: 0.244 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

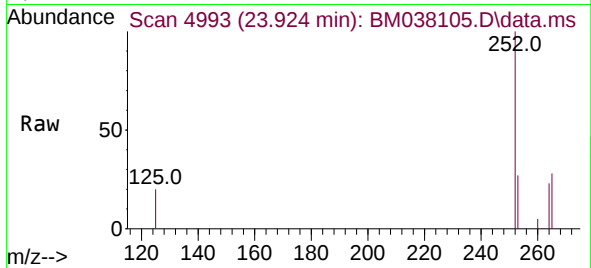
Tgt Ion:252 Resp: 17295
Ion Ratio Lower Upper
252 100
253 29.3 20.8 31.2
125 29.7 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.502 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

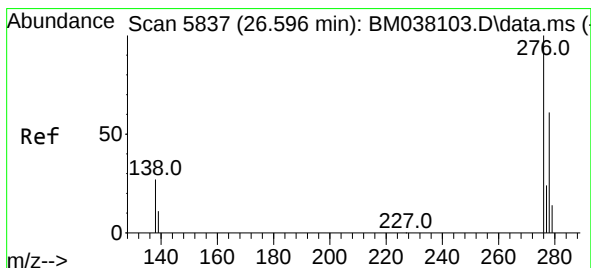
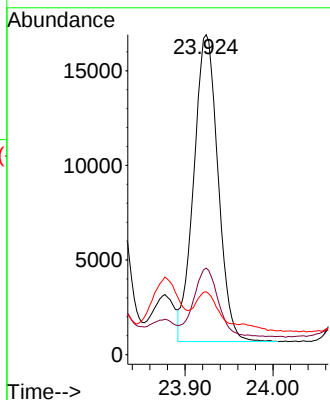
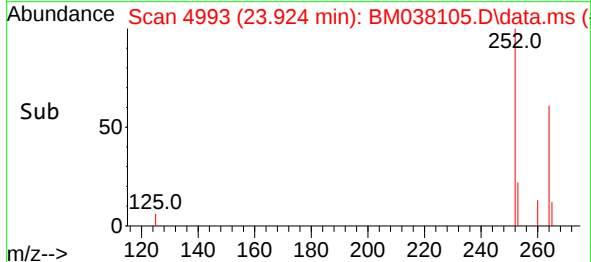
Instrument :
BNA_M
ClientSampleId :
DBXV6



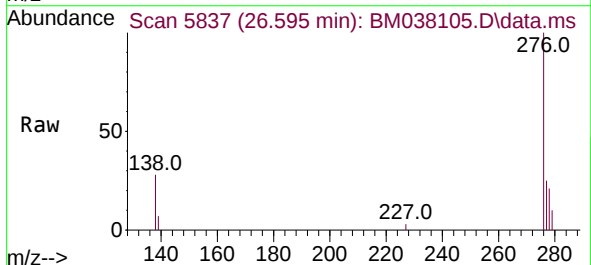
Tgt Ion:252 Resp: 30998
Ion Ratio Lower Upper
252 100
253 27.0 21.9 32.9
125 19.6 20.7 31.1

Manual Integrations
APPROVED

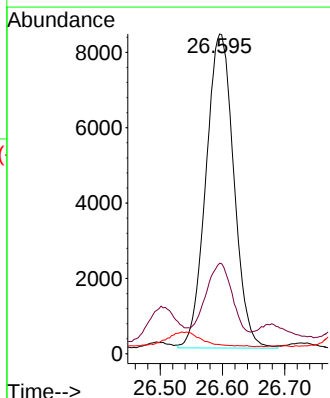
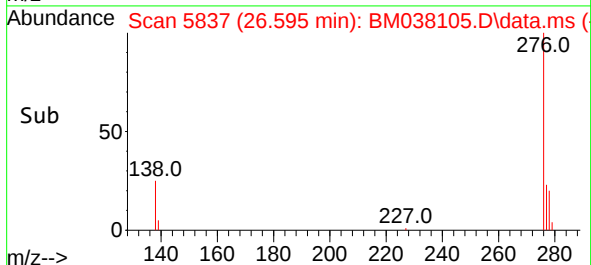
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

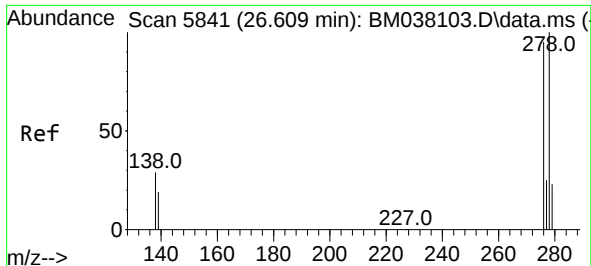


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. -0.003 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43



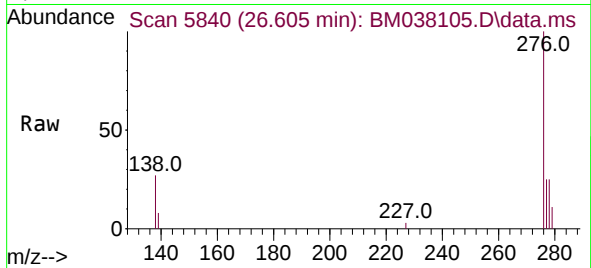
Tgt Ion:276 Resp: 25942
Ion Ratio Lower Upper
276 100
138 24.6 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.605 min Scan# 5841
Delta R.T. -0.010 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

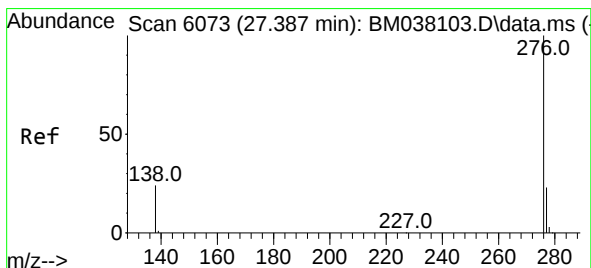
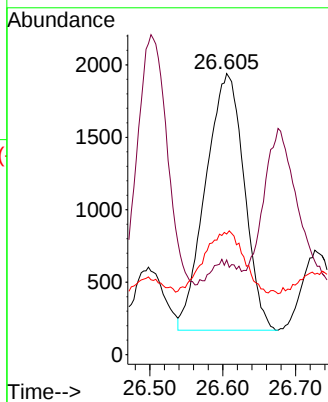
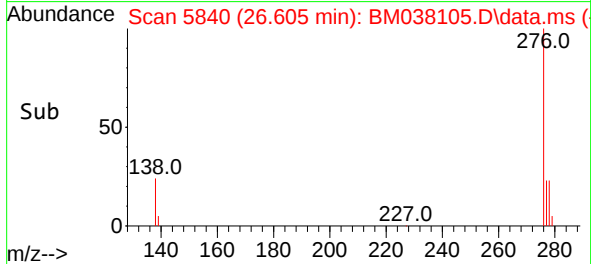
Instrument :
BNA_M
ClientSampleId :
DBXV6



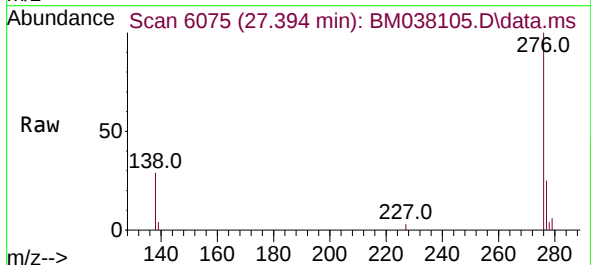
Tgt Ion:278 Resp: 6508
Ion Ratio Lower Upper
278 100
139 33.7 19.0 28.6
279 42.9 22.4 33.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43



Tgt Ion:276 Resp: 24450
Ion Ratio Lower Upper
276 100
138 29.0 24.1 36.1
277 24.6 19.0 28.6

