

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038108.D
 Acq On : 19 Dec 2022 18:33
 Operator : CG/JU
 Sample : N6006-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXW0

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 23:23:49 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	6003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	19560	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	11075	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	21843	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	14777	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	13594	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	36097	4.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	9840	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	19248	0.359	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.917	128	1412	0.024	ng/ul#	84
14) Pentachlorophenol	17.067	266	253	0.028	ng/ul#	88
15) Phenanthrene	17.455	178	20255	0.275	ng/ul	99
16) Anthracene	17.548	178	2554	0.038	ng/ul#	85
19) Fluoranthene	19.459	202	83082	1.089	ng/ul	99
20) Pyrene	19.826	202	68293m	0.877	ng/ul	
21) Benzo(a)anthracene	21.562	228	28347	0.444	ng/ul	98
22) Chrysene	21.618	228	39158	0.608	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	49849	0.773	ng/ul	97
25) Benzo(k)fluoranthene	23.328	252	16976m	0.273	ng/ul	
26) Benzo(a)pyrene	23.924	252	27801	0.512	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.592	276	23115	0.339	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.606	278	5071	0.096	ng/ul#	69
29) Benzo(g,h,i)perylene	27.387	276	20893	0.361	ng/ul	98

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

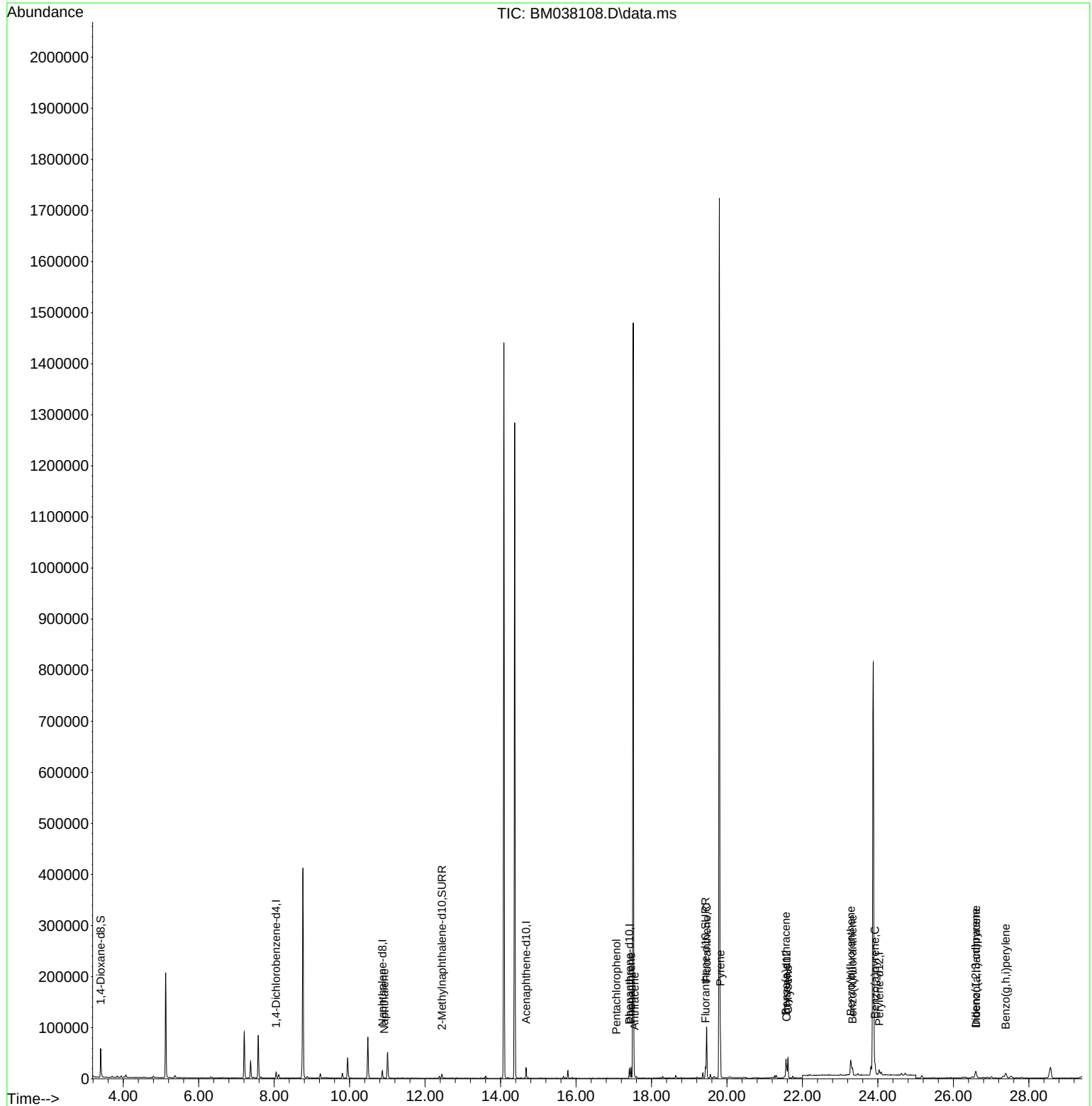
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038108.D
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ALS Vial : 11 Sample Multiplier: 1

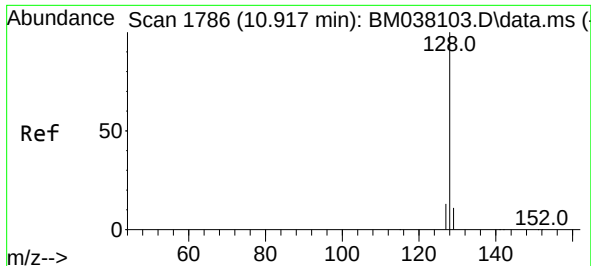
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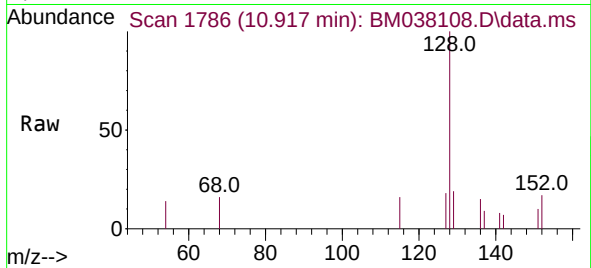
Quant Time: Dec 19 23:23:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
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#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

Instrument :
BNA_M
ClientSampleId :
DBXW0

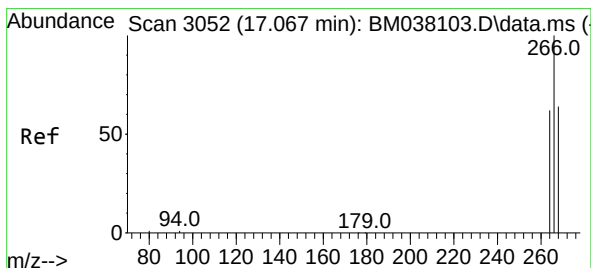
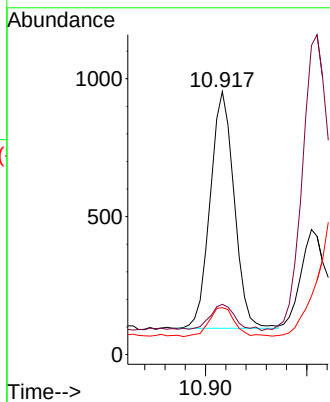
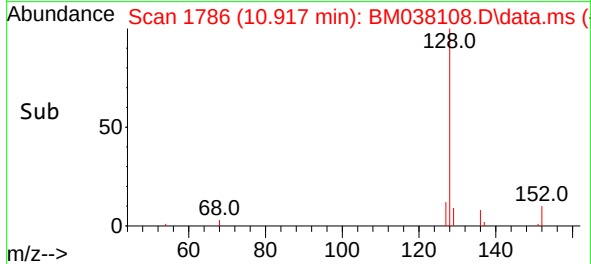


Tgt Ion:128 Resp: 1412

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.1	13.7
127	17.8	10.4	15.6

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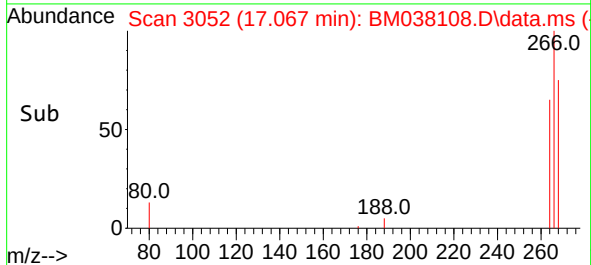
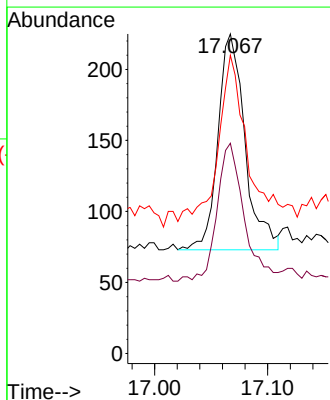
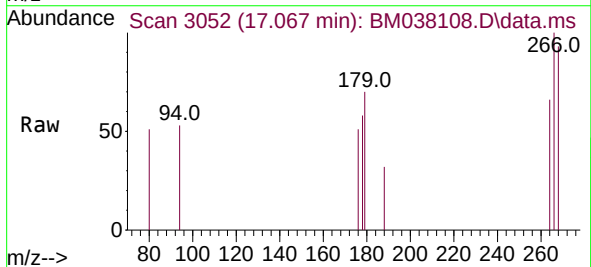
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Supervised By :mohammad ahmed 12/20/2022

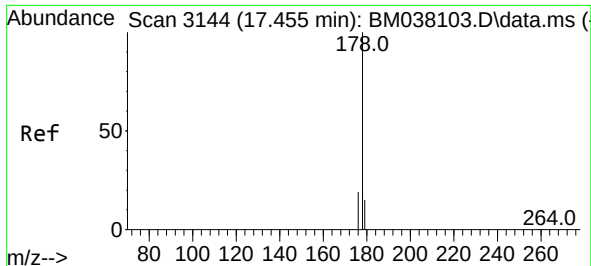


#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

Tgt Ion:266 Resp: 253

Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.9	74.9
268	83.0	52.0	78.0





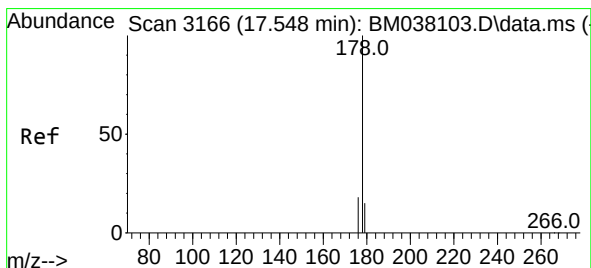
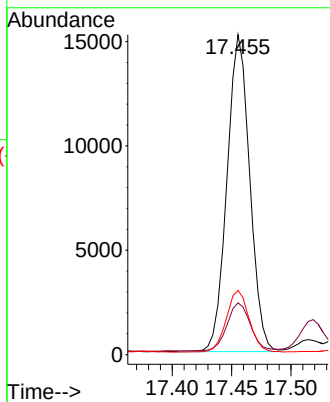
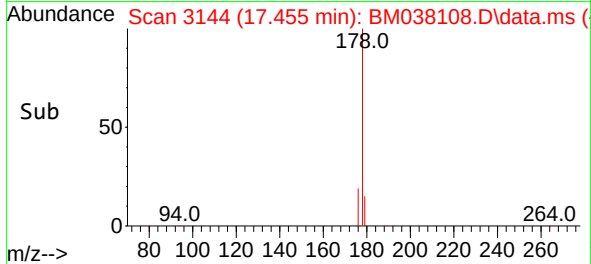
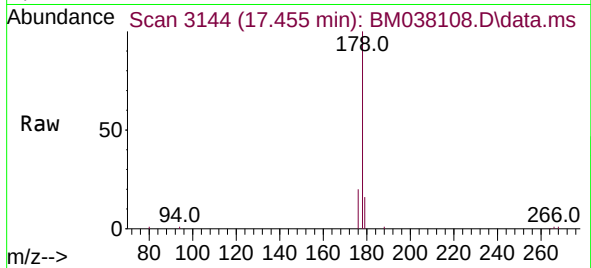
#15
Phenanthrene
Concen: 0.275 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

Instrument :
BNA_M
ClientSampleId :
DBXW0

Tgt Ion:178 Resp: 2025
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.1 15.8 23.6

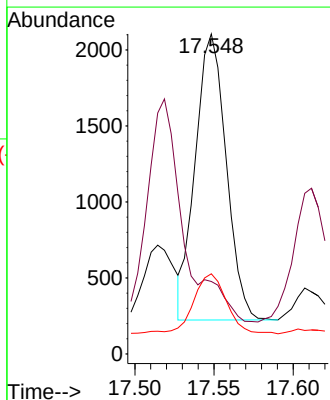
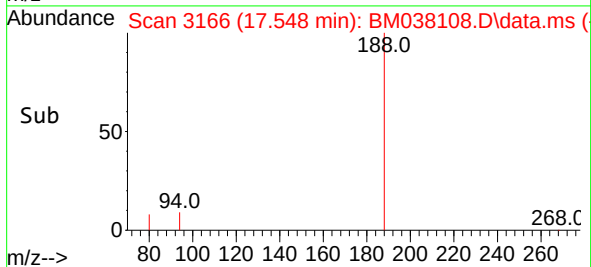
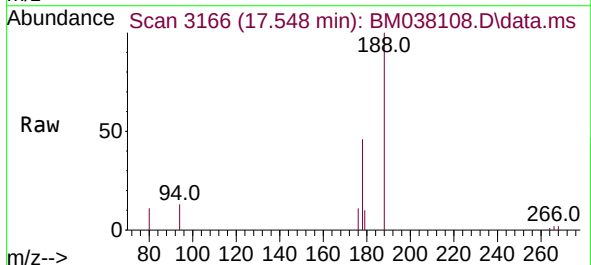
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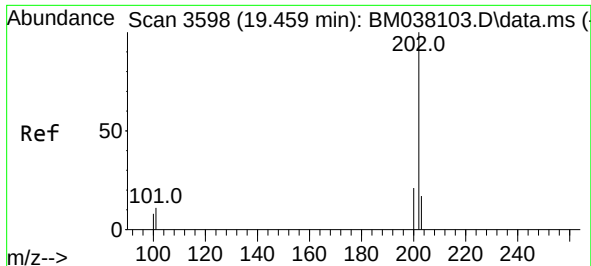
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

Tgt Ion:178 Resp: 2554
Ion Ratio Lower Upper
178 100
179 22.6 13.0 19.4#
176 25.0 15.0 22.4#





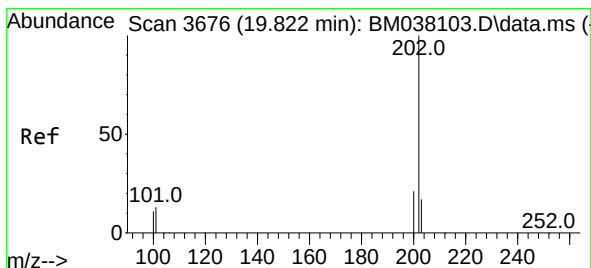
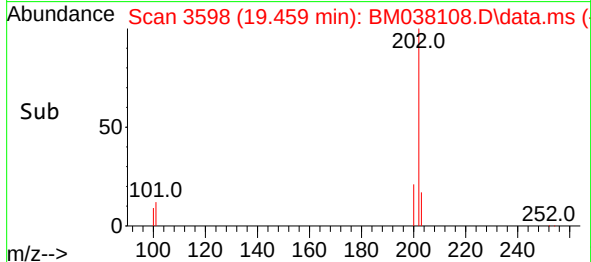
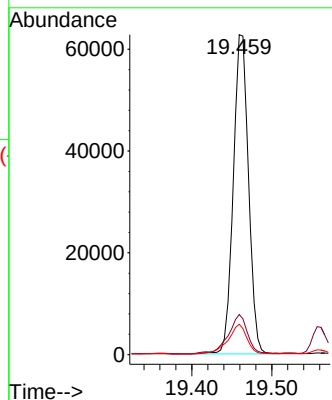
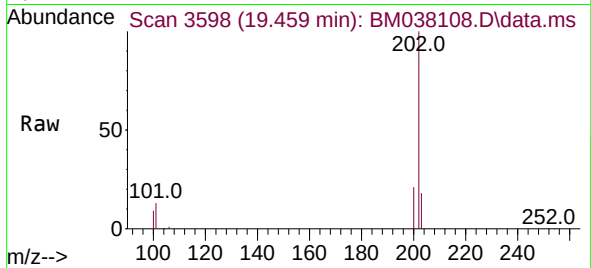
#19
Fluoranthene
Concen: 1.089 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 83082
Ion Ratio Lower Upper
202 100
101 12.5 10.6 15.8
100 9.5 7.9 11.9

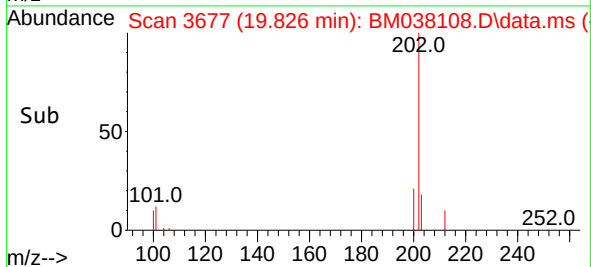
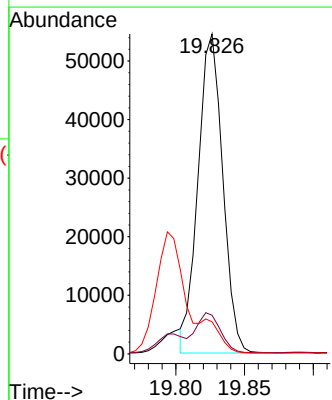
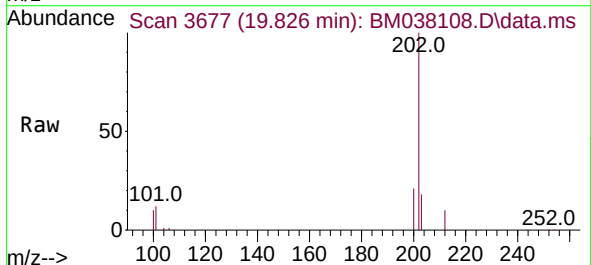
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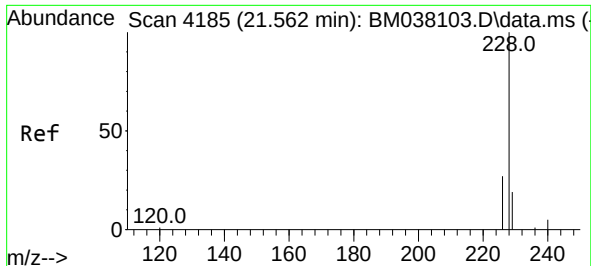
Reviewed By :Jagrut Upadhyay 12/20/2022
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#20
Pyrene
Concen: 0.877 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

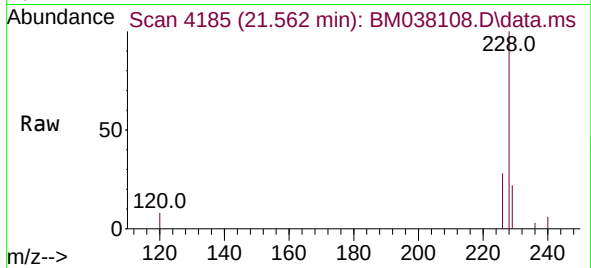
Tgt Ion:202 Resp: 68293
Ion Ratio Lower Upper
202 100
101 12.1 12.1 18.1
100 10.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

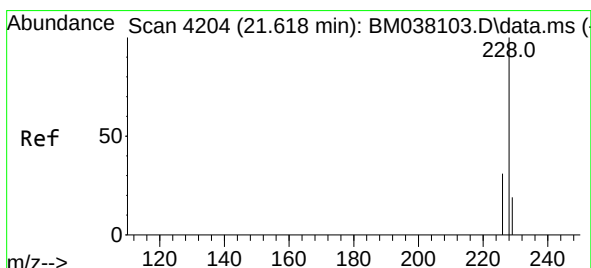
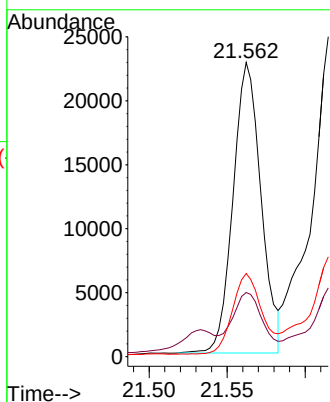
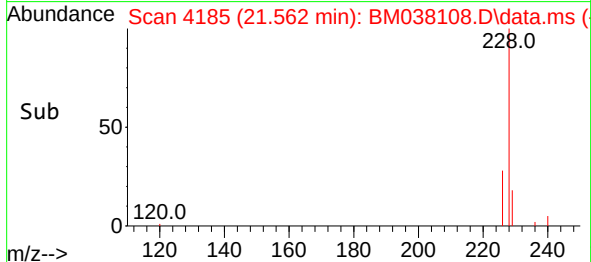
Instrument :
BNA_M
ClientSampleId :
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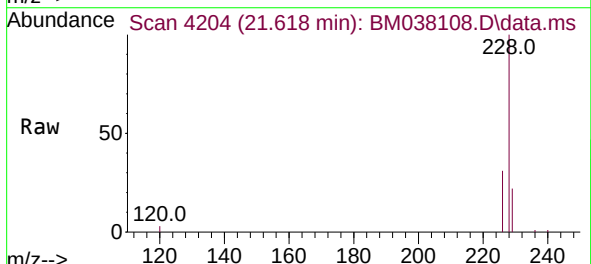
Tgt Ion:228 Resp: 2834
Ion Ratio Lower Upper
228 100
229 21.8 15.9 23.9
226 28.3 22.1 33.1

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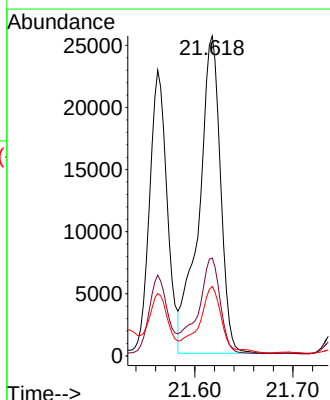
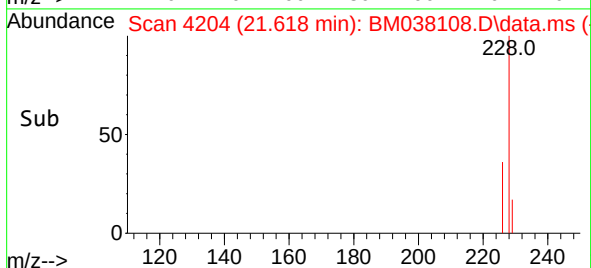
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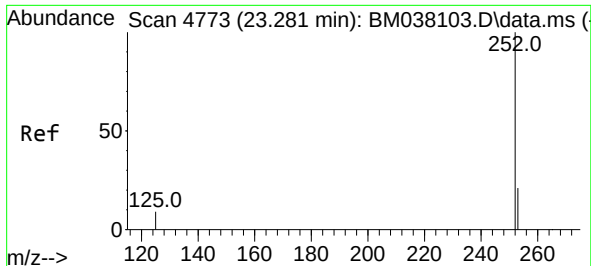


#22
Chrysene
Concen: 0.608 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33



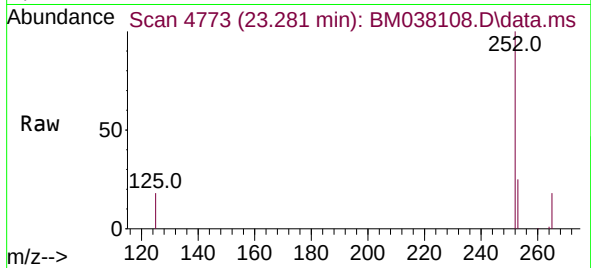
Tgt Ion:228 Resp: 39158
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.773 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

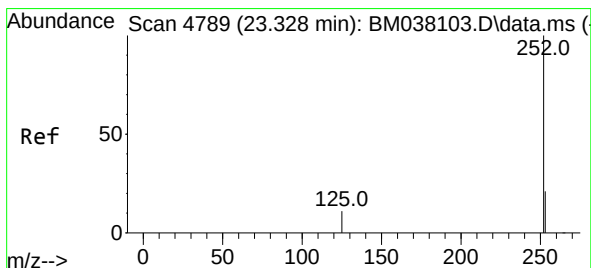
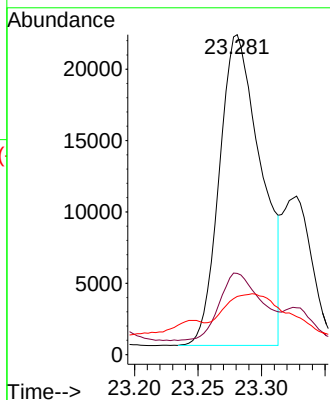
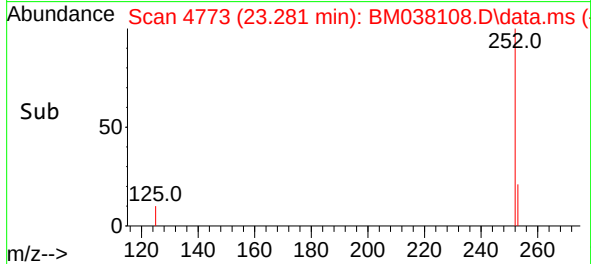
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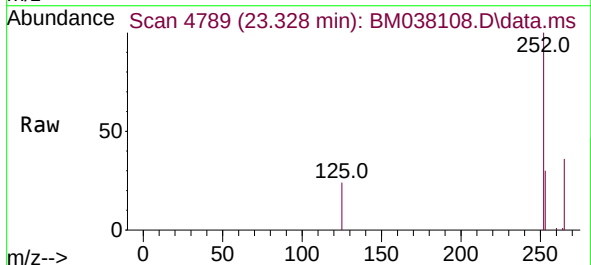
Tgt Ion:252 Resp: 49849
Ion Ratio Lower Upper
252 100
253 25.4 0.0 51.8
125 18.2 0.0 42.2

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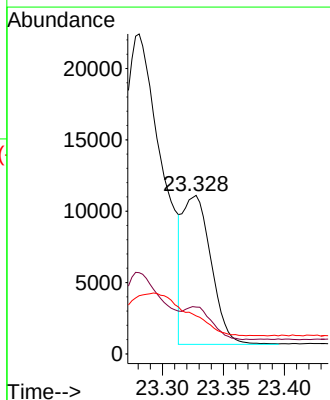
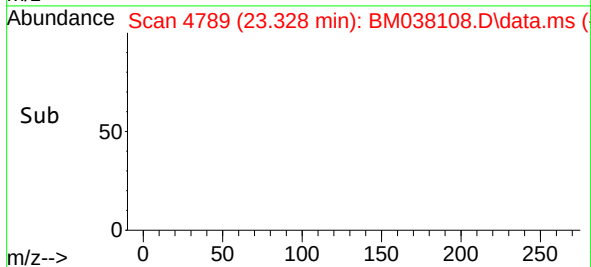
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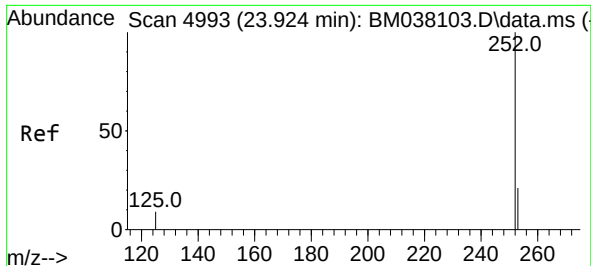


#25
Benzo(k)fluoranthene
Concen: 0.273 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33



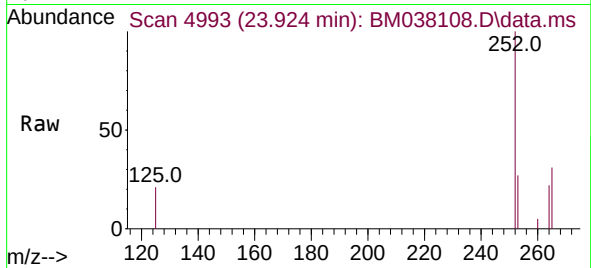
Tgt Ion:252 Resp: 16976
Ion Ratio Lower Upper
252 100
253 29.6 20.8 31.2
125 23.9 17.1 25.7





#26
Benzo(a)pyrene
Concen: 0.512 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

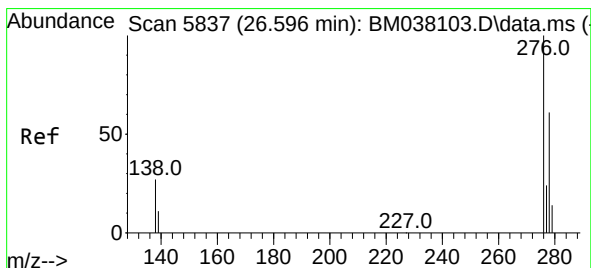
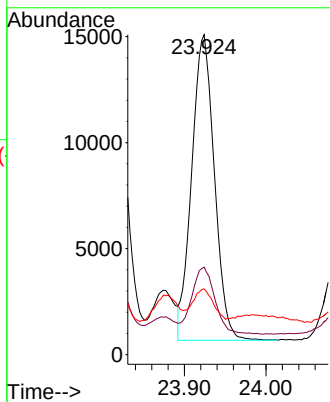
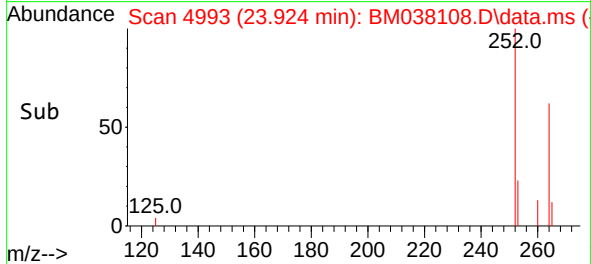
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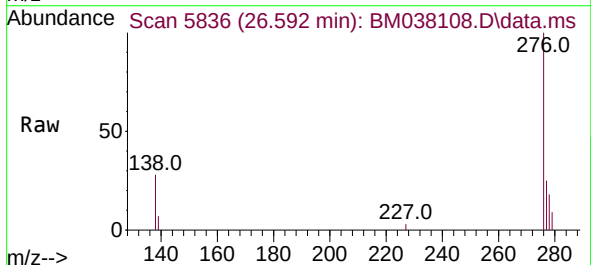
Tgt Ion:252 Resp: 2780
Ion Ratio Lower Upper
252 100
253 27.3 21.9 32.9
125 20.5 20.7 31.1

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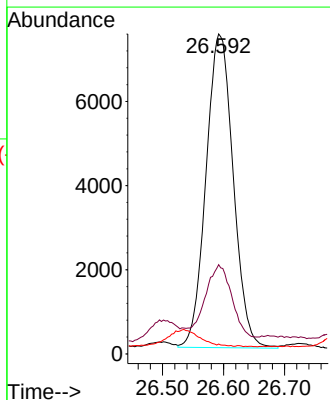
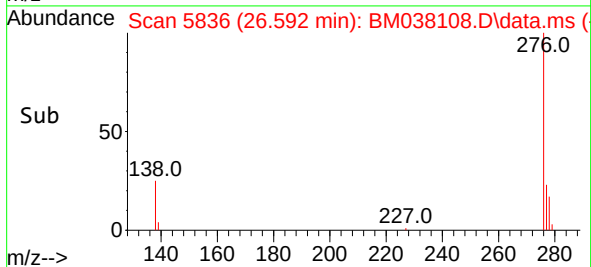
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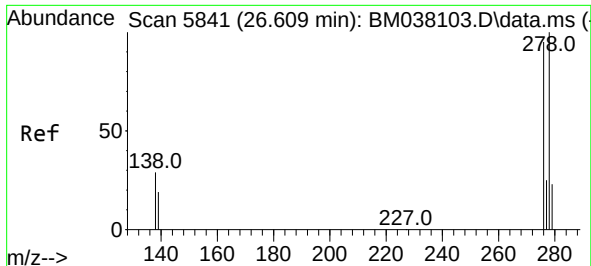


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33



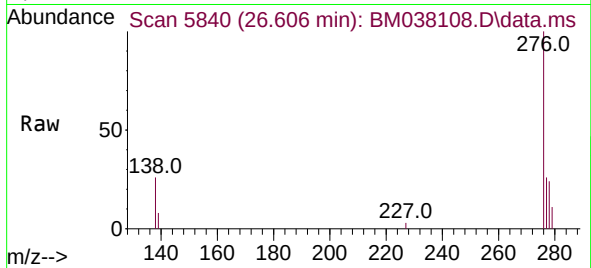
Tgt Ion:276 Resp: 23115
Ion Ratio Lower Upper
276 100
138 22.8 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 26.606 min Scan# 5841
Delta R.T. -0.010 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

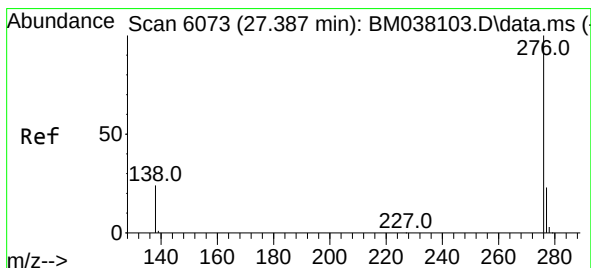
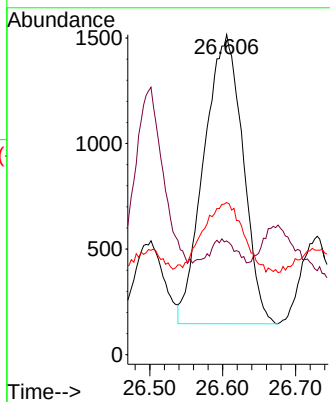
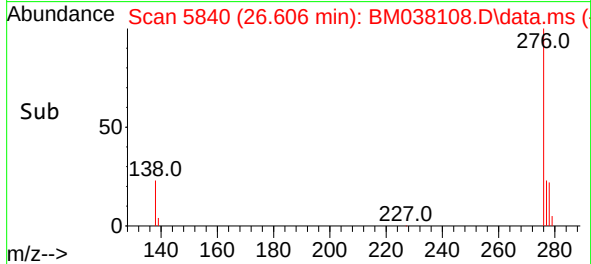
Instrument :
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Tgt Ion:278 Resp: 5071
Ion Ratio Lower Upper
278 100
139 35.6 19.0 28.6
279 47.6 22.4 33.6

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 27.387 min Scan# 6073
Delta R.T. -0.007 min
Lab File: BM038108.D
Acq: 19 Dec 2022 18:33

Tgt Ion:276 Resp: 20893
Ion Ratio Lower Upper
276 100
138 31.1 24.1 36.1
277 24.9 19.0 28.6

