

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042106.D
 Acq On : 28 Sep 2023 09:59
 Operator : MA/JU
 Sample : 04417-26
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYF2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 28 10:47:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3089	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	8265	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.583	164	4054	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.337	188	8565	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.513	240	4514	0.400	ng/ul	#-0.01
23) Perylene-d12	23.915	264	5264	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	6267	1.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	1022	0.099	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	1678	0.090	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	5316	0.192	ng/ul	96
7) 2-Methylnaphthalene	12.407	142	6633	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	4128	0.246	ng/ul	100
15) Phenanthrene	17.380	178	6347	0.160	ng/ul	94
19) Fluoranthene	19.390	202	2579	0.051	ng/ul#	86
20) Pyrene	19.757	202	3686m	0.073	ng/ul	
21) Benzo(a)anthracene	21.495	228	1041	0.030	ng/ul#	66
22) Chrysene	21.548	228	3489m	0.099	ng/ul	
24) Benzo(b)fluoranthene	23.173	252	2519	0.062	ng/ul#	1
25) Benzo(k)fluoranthene	23.223	252	1056m	0.027	ng/ul	
26) Benzo(a)pyrene	23.807	252	989	0.030	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.391	276	1150	0.025	ng/ul#	99
29) Benzo(g,h,i)perylene	27.169	276	2227	0.058	ng/ul#	64

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

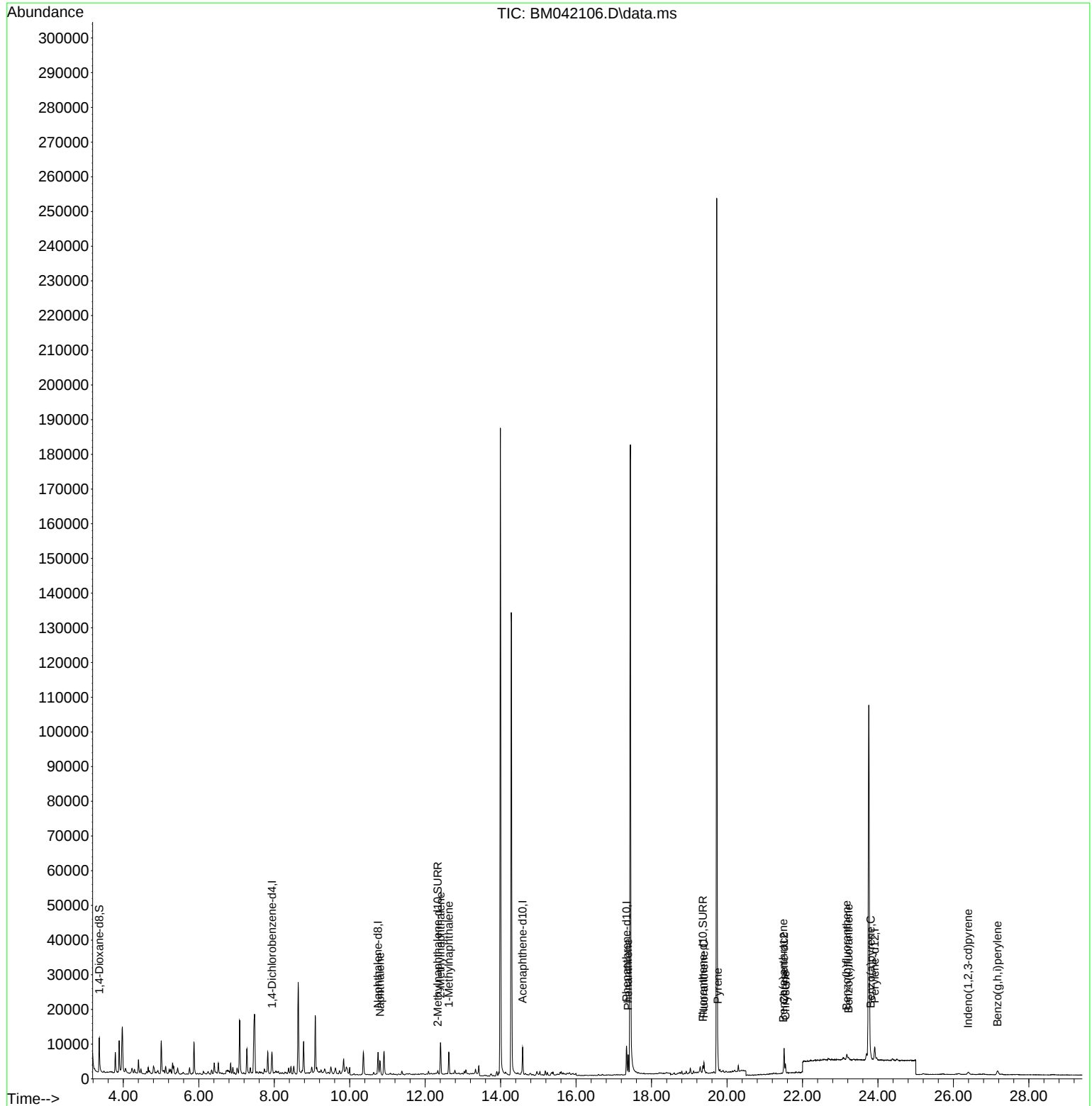
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042106.D
Acq On : 28 Sep 2023 09:59
Operator : MA/JU
Sample : 04417-26
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ALS Vial : 4 Sample Multiplier: 1

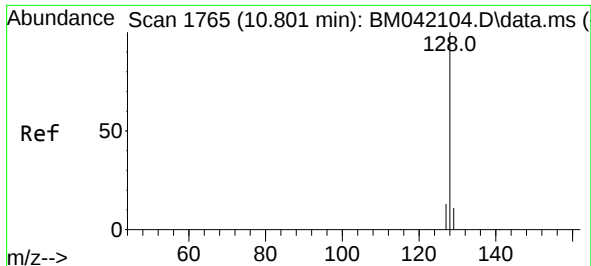
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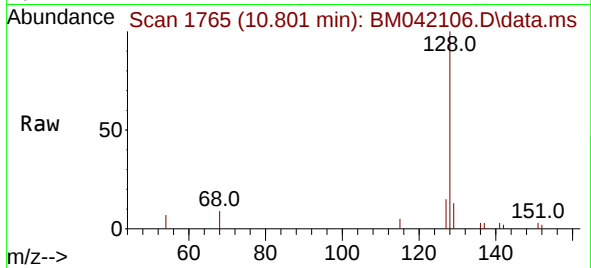
Quant Time: Sep 28 10:47:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

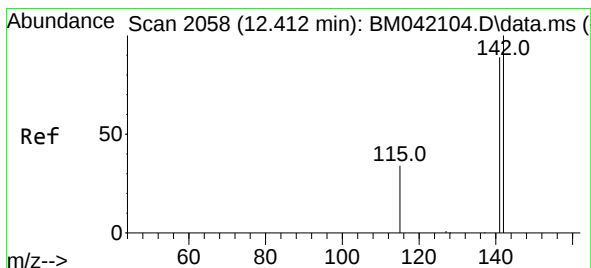
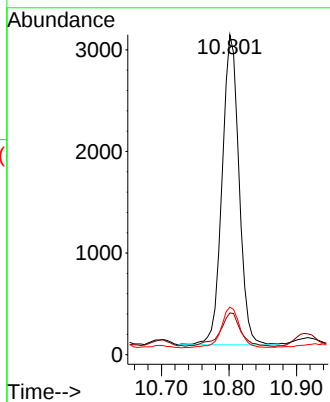
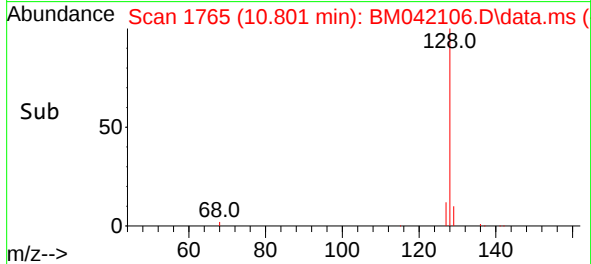
Instrument :
BNA_M
ClientSampleId :
EZYF2



Tgt Ion:128 Resp: 5310
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 14.8 10.8 16.2

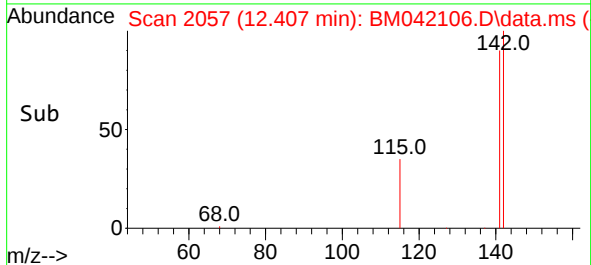
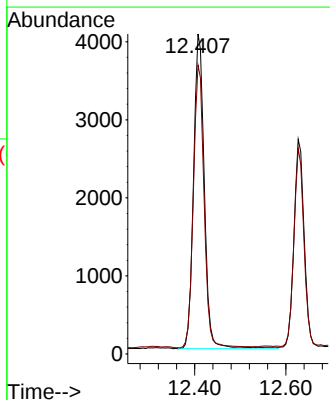
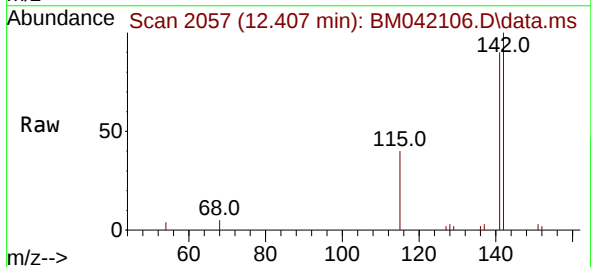
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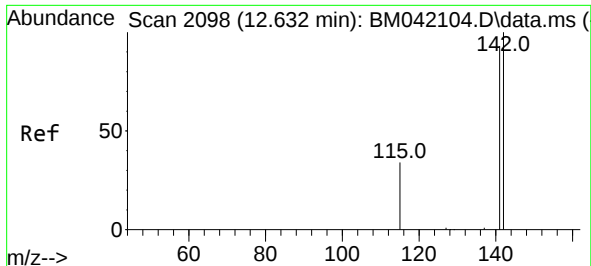
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.016 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

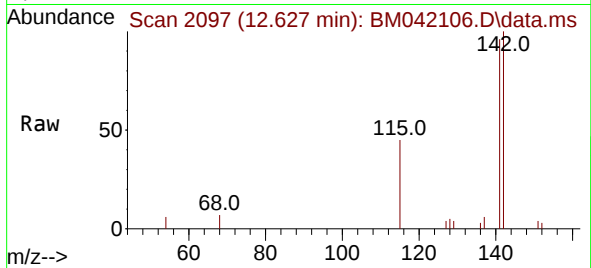
Tgt Ion:142 Resp: 6633
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.627 min Scan# 2098
Delta R.T. -0.016 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

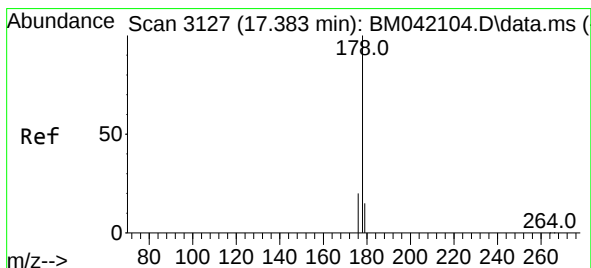
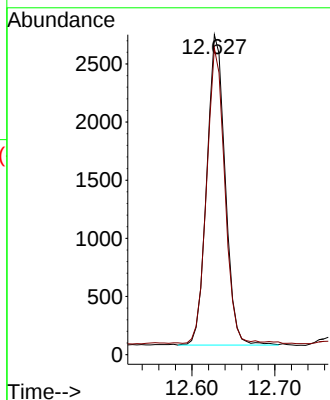
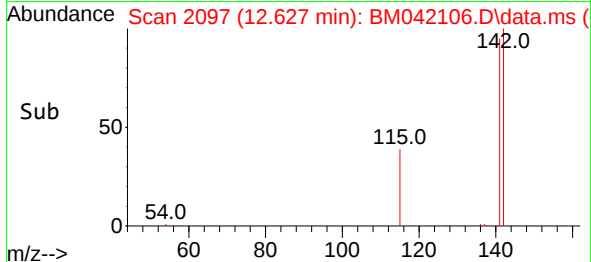
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 4128
Ion Ratio Lower Upper
142 100
141 93.7 75.1 112.7

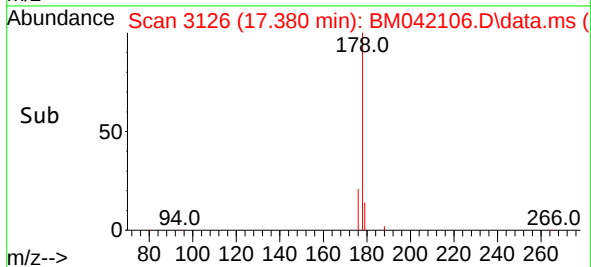
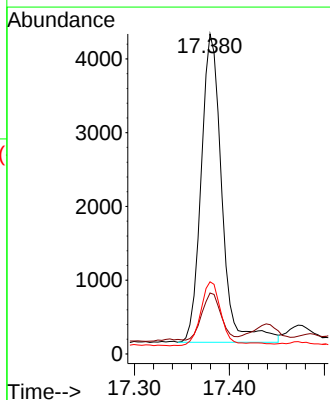
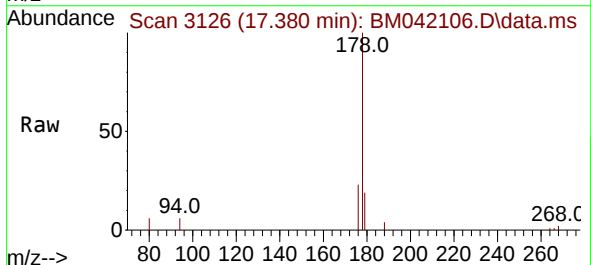
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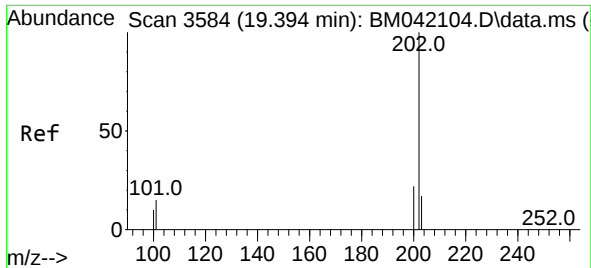
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#15
Phenanthrene
Concen: 0.160 ng/ul
RT: 17.380 min Scan# 3126
Delta R.T. -0.017 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

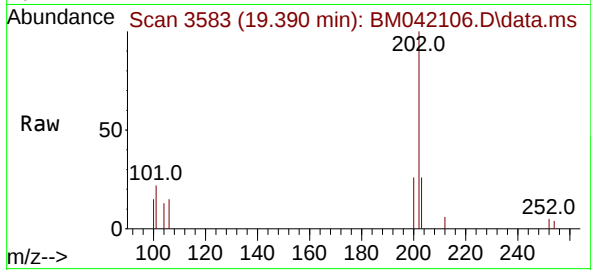
Tgt Ion:178 Resp: 6347
Ion Ratio Lower Upper
178 100
179 19.1 12.7 19.1
176 22.6 16.6 24.8





#19
Fluoranthene
Concen: 0.051 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. -0.014 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

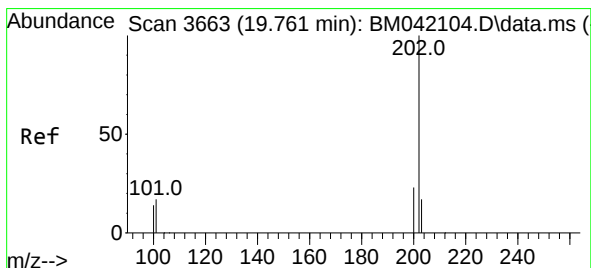
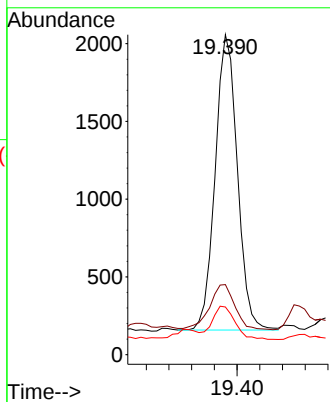
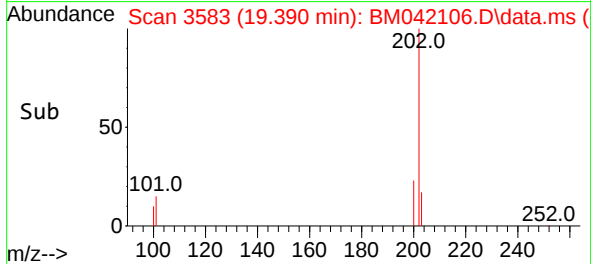
Instrument :
BNA_M
ClientSampleId :
EZYF2



Tgt Ion:202 Resp: 2579
Ion Ratio Lower Upper
202 100
101 21.9 11.8 17.6
100 14.9 9.1 13.7

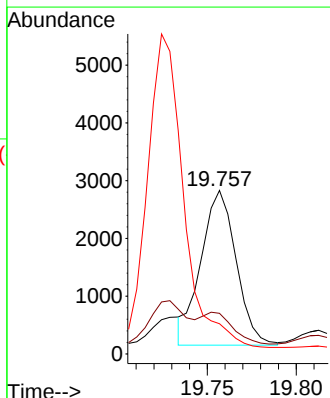
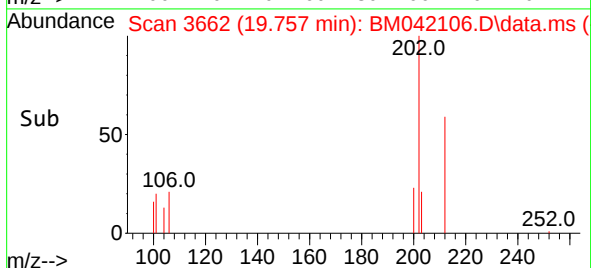
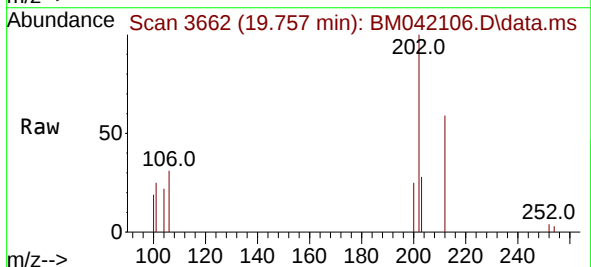
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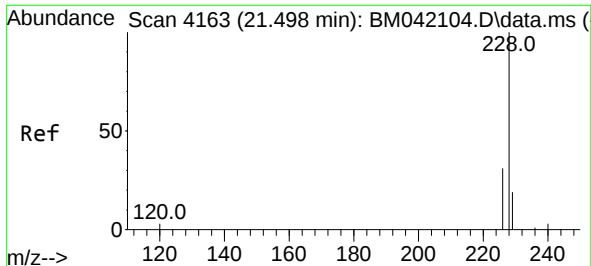
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 0.073 ng/ul m
RT: 19.757 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

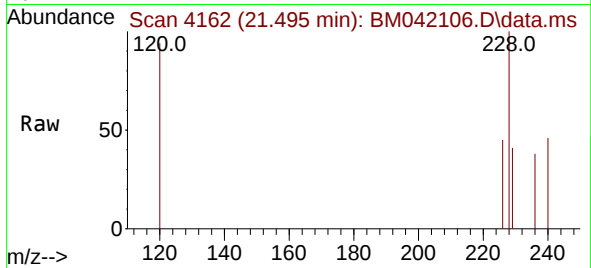
Tgt Ion:202 Resp: 3686
Ion Ratio Lower Upper
202 100
101 24.8 14.1 21.1#
100 18.6 11.4 17.0#





#21
Benzo(a)anthracene
Concen: 0.030 ng/ul
RT: 21.495 min Scan# 4163
Delta R.T. -0.011 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

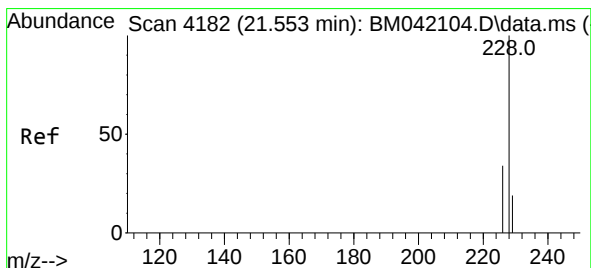
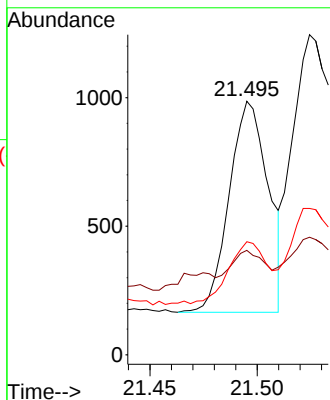
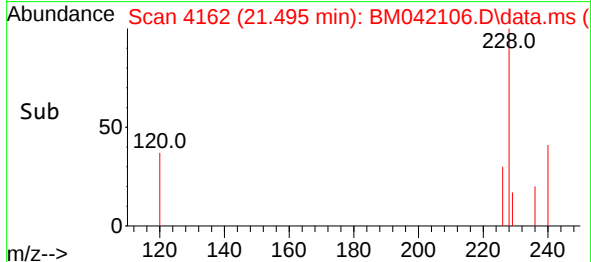
Instrument :
BNA_M
ClientSampleId :
EZYF2



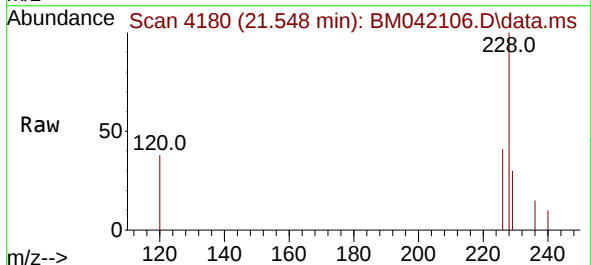
Tgt Ion:228 Resp: 104
Ion Ratio Lower Upper
228 100
229 41.2 15.5 23.3
226 44.6 24.8 37.2

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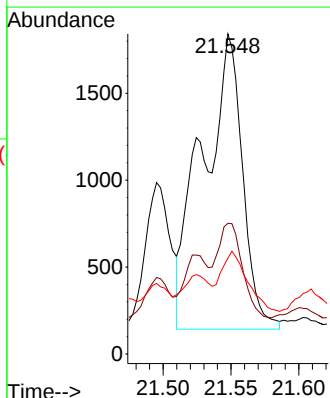
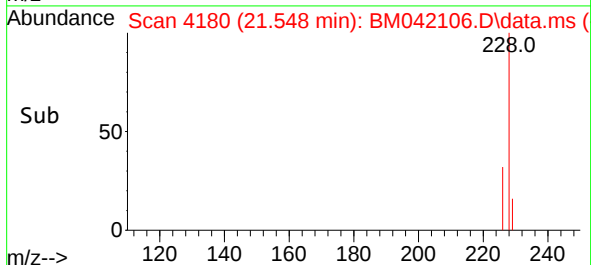
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023

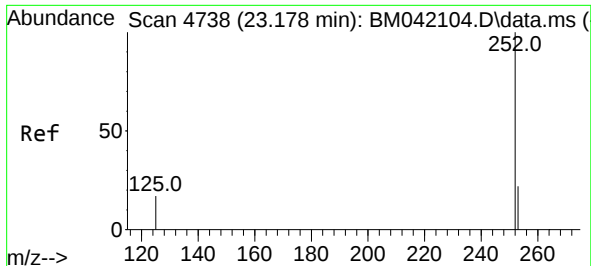


#22
Chrysene
Concen: 0.099 ng/ul m
RT: 21.548 min Scan# 4180
Delta R.T. -0.014 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59



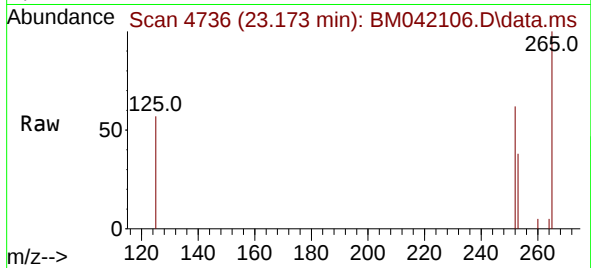
Tgt Ion:228 Resp: 3489
Ion Ratio Lower Upper
228 100
226 40.8 27.8 41.6
229 30.0 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.062 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. -0.017 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

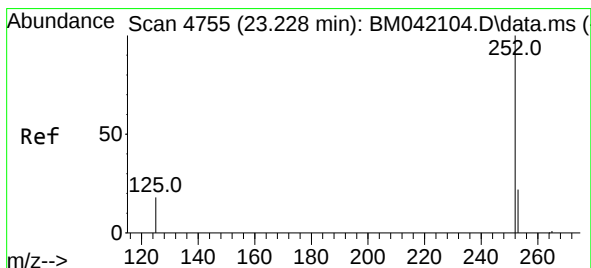
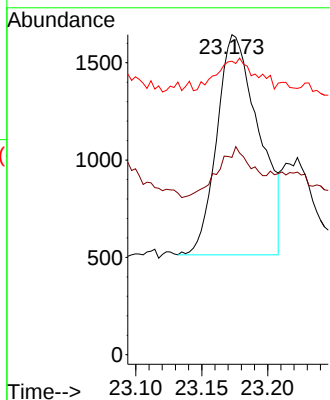
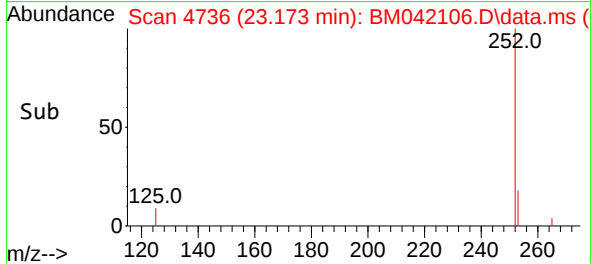
Instrument :
BNA_M
ClientSampleId :
EZYF2



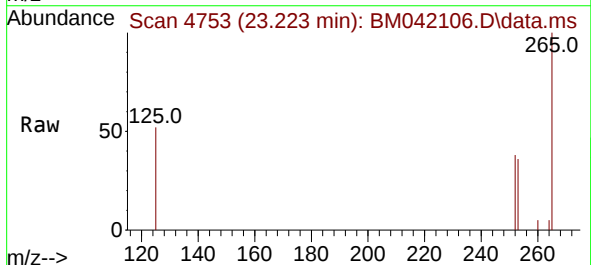
Tgt Ion:252 Resp: 2519
Ion Ratio Lower Upper
252 100
253 61.7 0.0 54.4#
125 91.7 0.0 46.2#

Manual Integrations
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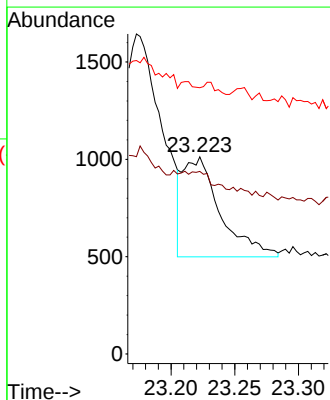
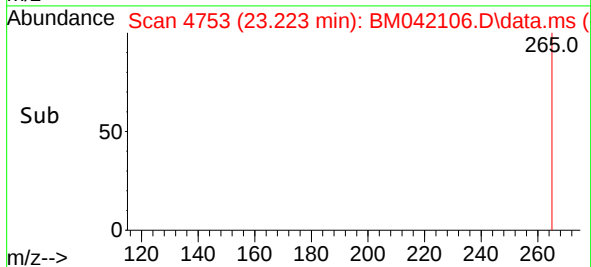
Reviewed By :Yogesh Patel 09/29/2023
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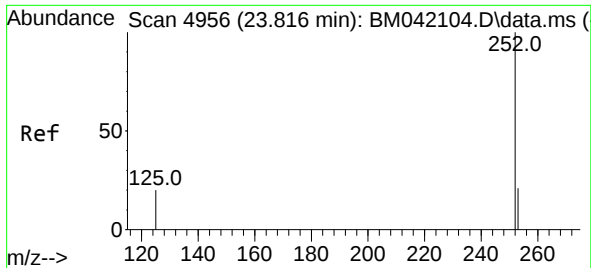


#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.223 min Scan# 4753
Delta R.T. -0.017 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59



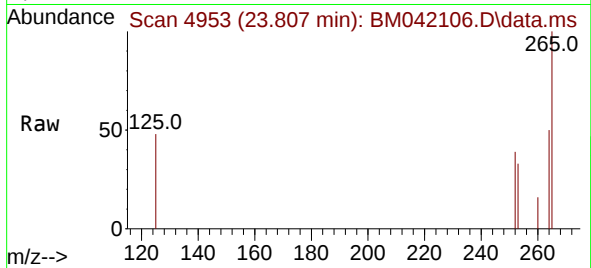
Tgt Ion:252 Resp: 1056
Ion Ratio Lower Upper
252 100
253 92.6 21.0 31.6#
125 135.0 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.807 min Scan# 4956
Delta R.T. -0.020 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

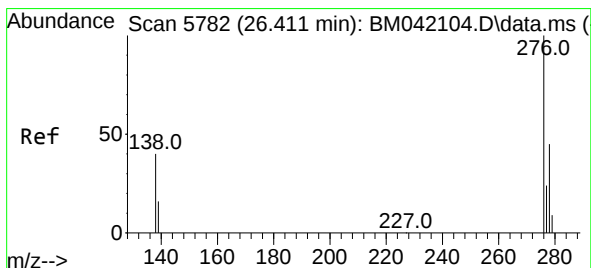
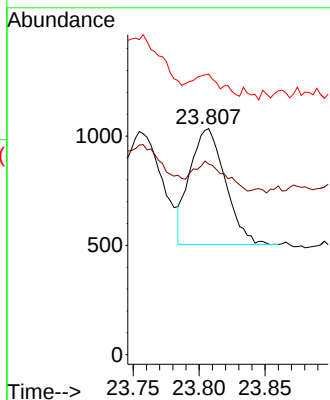
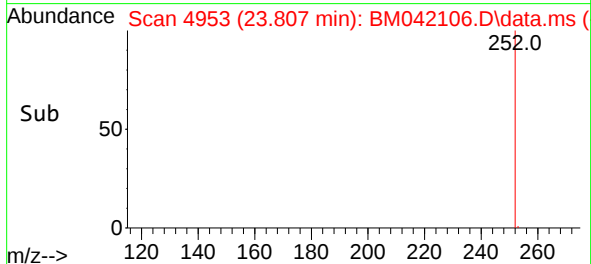
Instrument :
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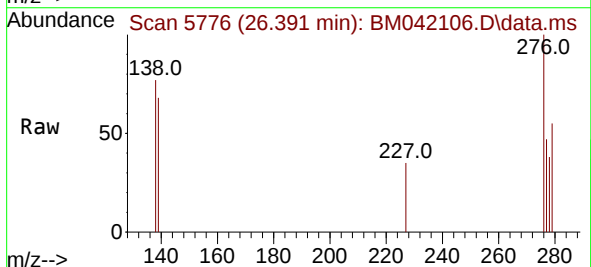
Tgt Ion:252 Resp: 989
Ion Ratio Lower Upper
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253 84.3 23.2 34.8
125 124.1 22.5 33.7

Manual Integrations
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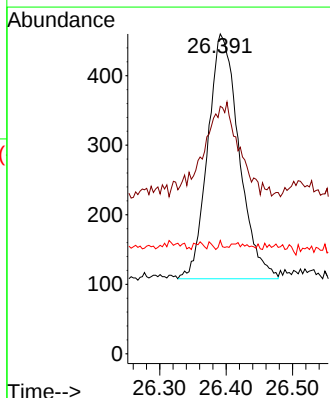
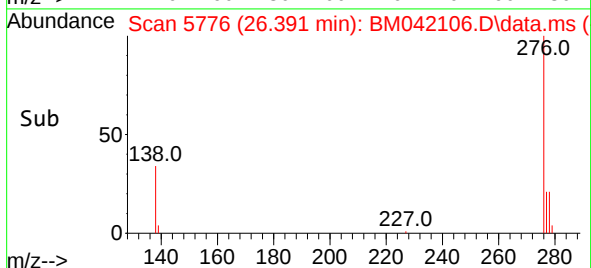
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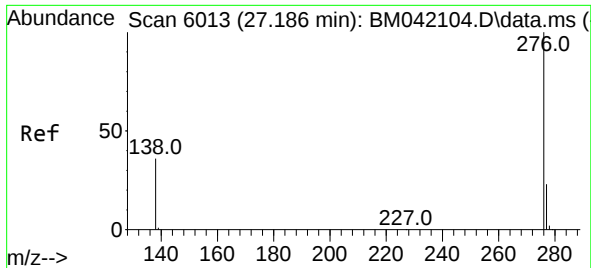


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.040 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59



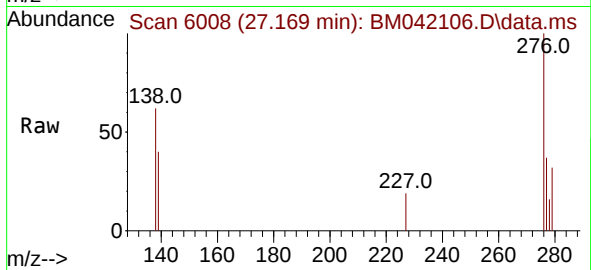
Tgt Ion:276 Resp: 1150
Ion Ratio Lower Upper
276 100
138 39.2 32.1 48.1
227 0.7 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 27.169 min Scan# 6013
Delta R.T. -0.040 min
Lab File: BM042106.D
Acq: 28 Sep 2023 09:59

Instrument :
BNA_M
ClientSampleId :
EZYF2



Tgt Ion: 276 Resp: 222
Ion Ratio Lower Upper
276 100
138 61.5 29.0 43.4
277 37.0 19.6 29.4

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