

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043097.D
 Acq On : 30 Nov 2023 22:29
 Operator : MA/JU
 Sample : 05459-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 00:44:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1003m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.600	136	2851	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	1814m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	3631m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2397m	0.400	ng/ul	-0.01
23) Perylene-d12	23.744	264	3356m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	5884	3.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1834	0.481	ng/ul	-0.03
18) Fluoranthene-d10	19.233	212	4566	0.523	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	7965	1.028	ng/ul#	84
7) 2-Methylnaphthalene	12.271	142	7433	1.626	ng/ul	95
8) 1-Methylnaphthalene	12.491	142	5315	1.043	ng/ul	97
11) Acenaphthene	14.519	153	218	0.031	ng/ul#	78
12) Fluorene	15.500	166	316	0.044	ng/ul#	82
15) Phenanthrene	17.245	178	16258	1.569	ng/ul	92
16) Anthracene	17.334	178	866m	0.088	ng/ul	
19) Fluoranthene	19.266	202	4028	0.296	ng/ul	98
20) Pyrene	19.628	202	4910m	0.340	ng/ul	
21) Benzo(a)anthracene	21.383	228	1120m	0.144	ng/ul	
22) Chrysene	21.435	228	3490m	0.241	ng/ul	
24) Benzo(b)fluoranthene	23.025	252	1280	0.113	ng/ul#	66
25) Benzo(k)fluoranthene	23.051	252	409m	0.026	ng/ul	
26) Benzo(a)pyrene	23.630	252	726	0.059	ng/ul#	58
29) Benzo(g,h,i)perylene	26.970	276	1133	0.070	ng/ul#	84

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

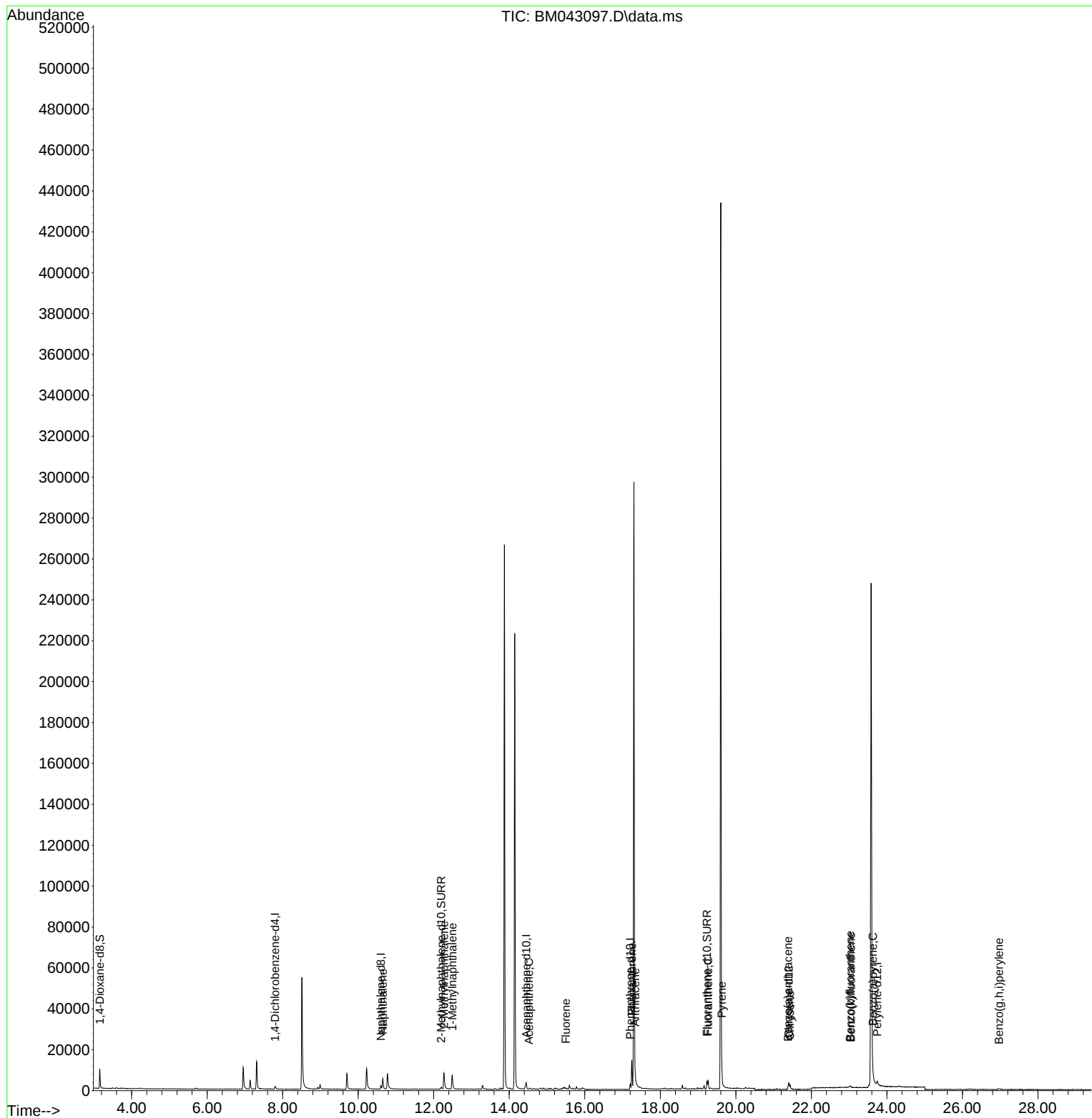
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043097.D
Acq On : 30 Nov 2023 22:29
Operator : MA/JU
Sample : 05459-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

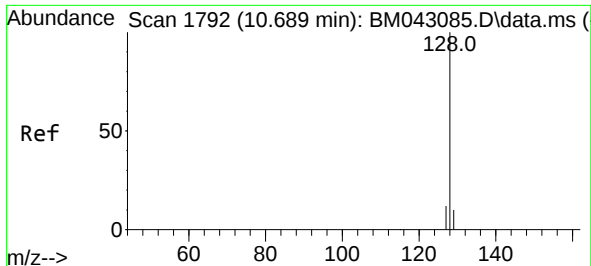
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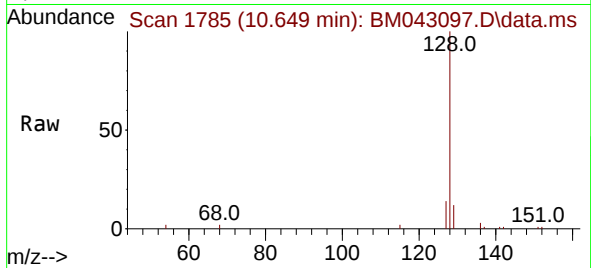
Quant Time: Dec 01 00:44:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.028 ng/ul
RT: 10.649 min Scan# 1792
Delta R.T. -0.040 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

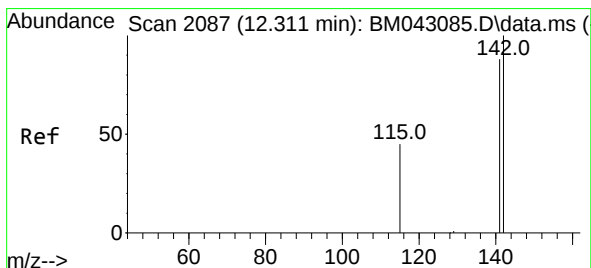
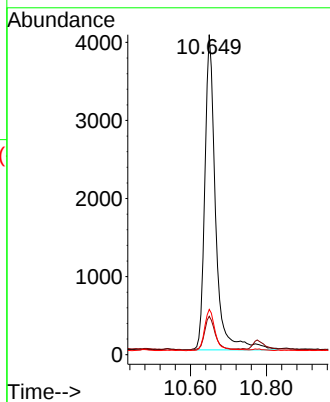
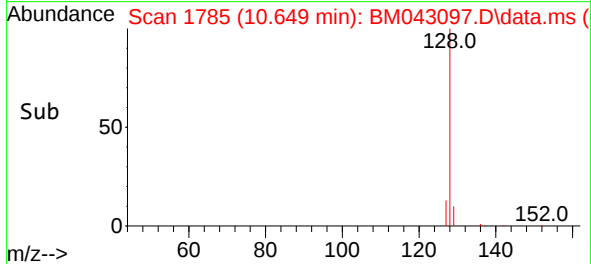
Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion:128 Resp: 7965
Ion Ratio Lower Upper
128 100
129 12.0 16.0 24.0
127 14.2 16.5 24.7

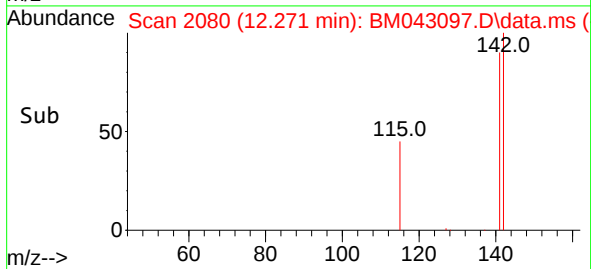
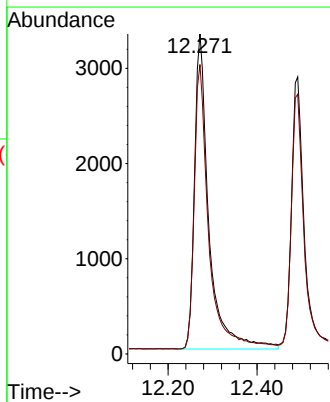
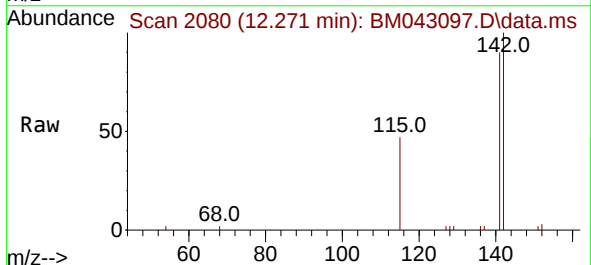
Manual Integrations
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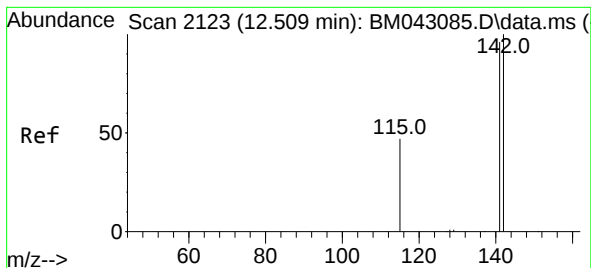
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#7
2-Methylnaphthalene
Concen: 1.626 ng/ul
RT: 12.271 min Scan# 2080
Delta R.T. -0.040 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Tgt Ion:142 Resp: 7433
Ion Ratio Lower Upper
142 100
141 90.6 76.1 114.1





#8

1-Methylnaphthalene

Concen: 1.043 ng/ul

RT: 12.491 min Scan# 2123

Delta R.T. -0.018 min

Lab File: BM043097.D

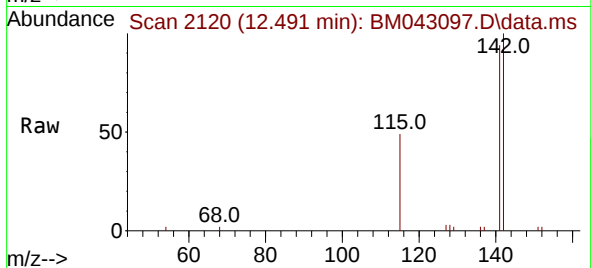
Acq: 30 Nov 2023 22:29

Instrument :

BNA_M

ClientSampleId :

C0AJ3



Tgt Ion:142 Resp: 531

Ion Ratio Lower Upper

142 100

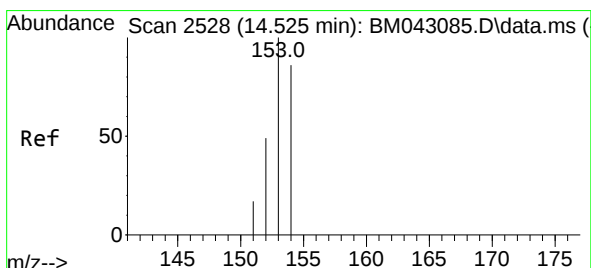
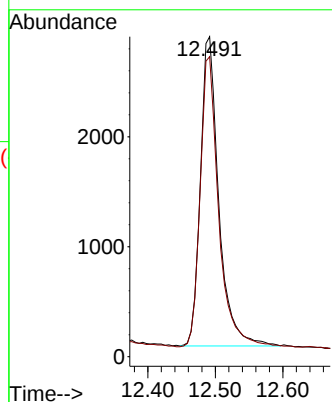
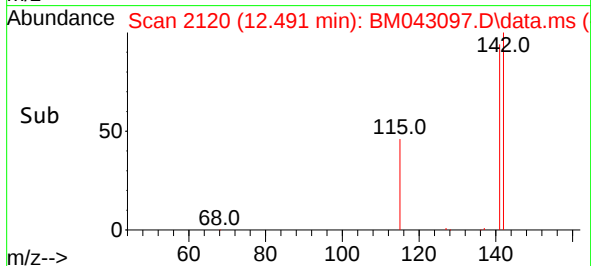
141 94.8 73.8 110.8

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#11

Acenaphthene

Concen: 0.031 ng/ul

RT: 14.519 min Scan# 2527

Delta R.T. -0.006 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

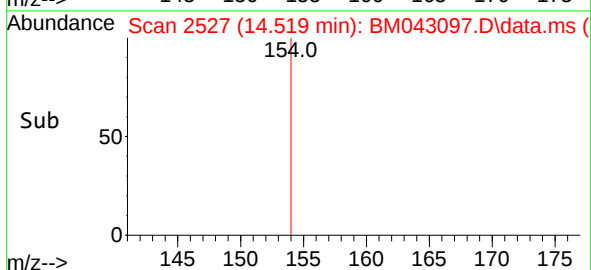
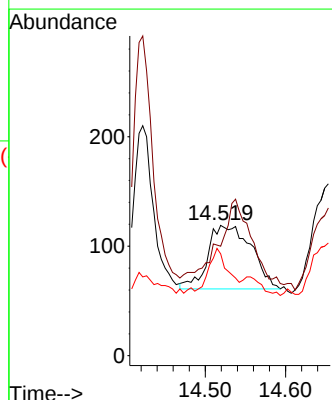
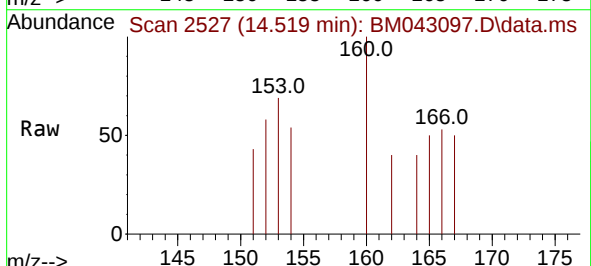
Tgt Ion:153 Resp: 218

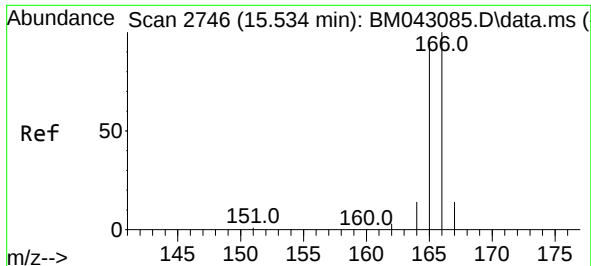
Ion Ratio Lower Upper

153 100

152 84.0 43.9 65.9#

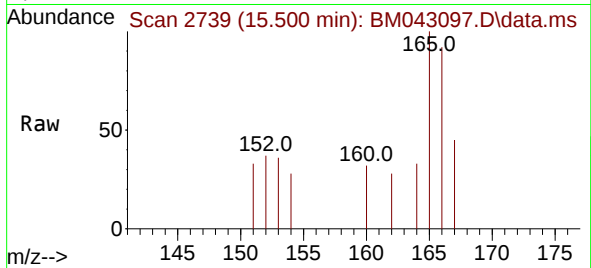
154 78.2 70.6 105.8





#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.500 min Scan# 21
Delta R.T. -0.034 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

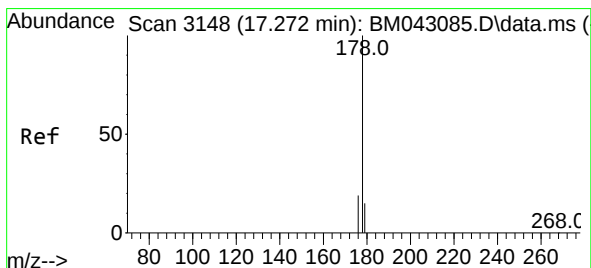
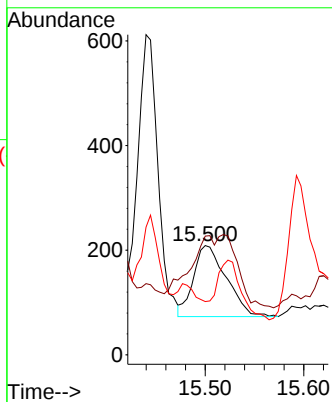
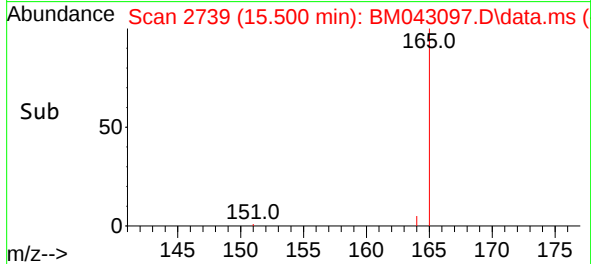
Instrument :
BNA_M
ClientSampleId :
C0AJ3



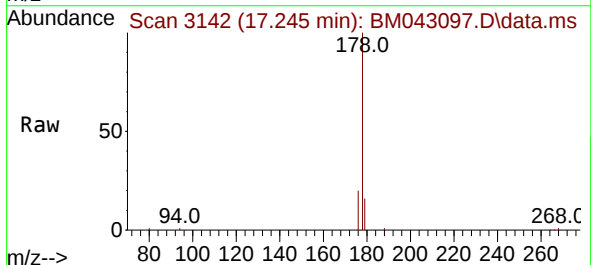
Tgt Ion:166 Resp: 310
Ion Ratio Lower Upper
166 100
165 108.6 79.9 119.9
167 48.8 14.2 21.4

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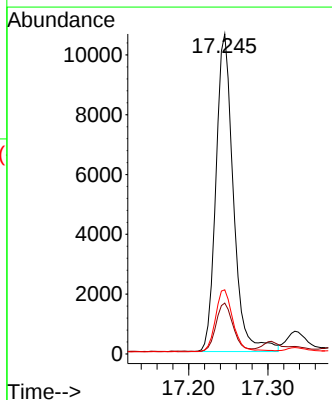
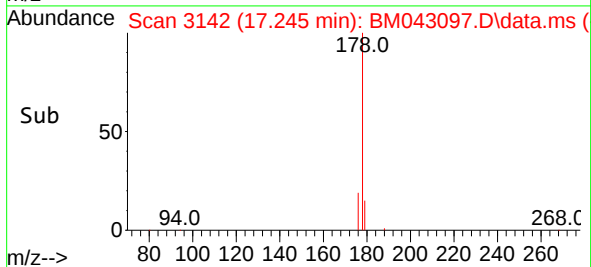
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

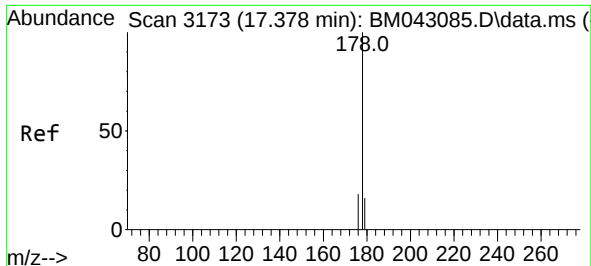


#15
Phenanthrene
Concen: 1.569 ng/ul
RT: 17.245 min Scan# 3142
Delta R.T. -0.027 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29



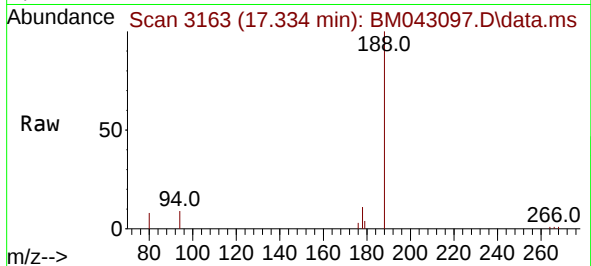
Tgt Ion:178 Resp: 16258
Ion Ratio Lower Upper
178 100
179 15.9 15.7 23.5
176 20.1 18.9 28.3





#16
 Anthracene
 Concen: 0.088 ng/ul m
 RT: 17.334 min Scan# 3173
 Delta R.T. -0.043 min
 Lab File: BM043097.D
 Acq: 30 Nov 2023 22:29

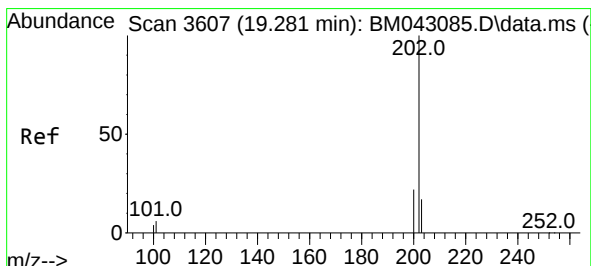
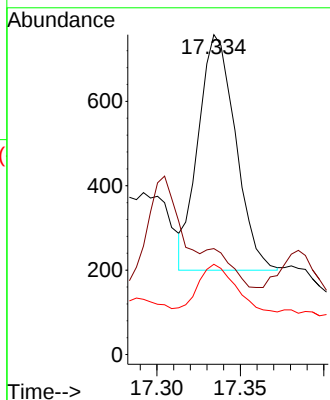
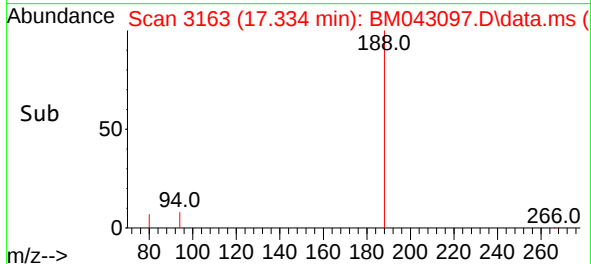
Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3



Tgt Ion:178 Resp: 860
 Ion Ratio Lower Upper
 178 100
 179 33.1 17.3 25.9
 176 28.2 20.5 30.7

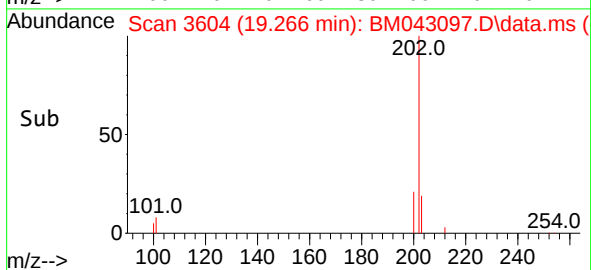
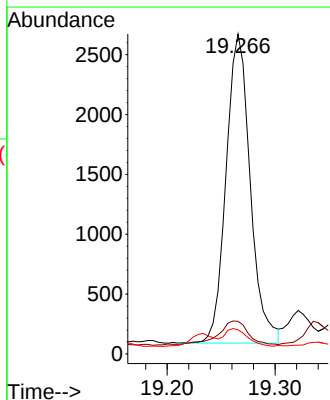
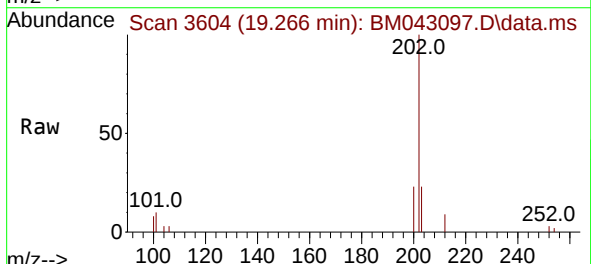
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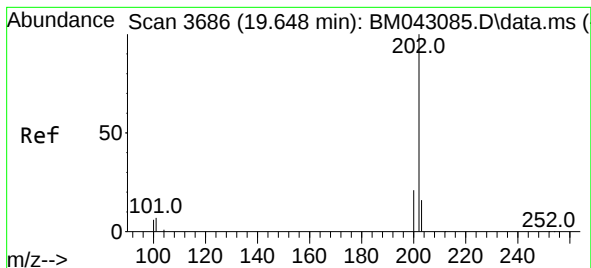
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023



#19
 Fluoranthene
 Concen: 0.296 ng/ul
 RT: 19.266 min Scan# 3604
 Delta R.T. -0.015 min
 Lab File: BM043097.D
 Acq: 30 Nov 2023 22:29

Tgt Ion:202 Resp: 4028
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.8 11.8
 100 7.6 7.1 10.7





#20

Pyrene

Concen: 0.340 ng/ul m

RT: 19.628 min Scan# 3

Delta R.T. -0.020 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

Instrument :

BNA_M

ClientSampleId :

C0AJ3

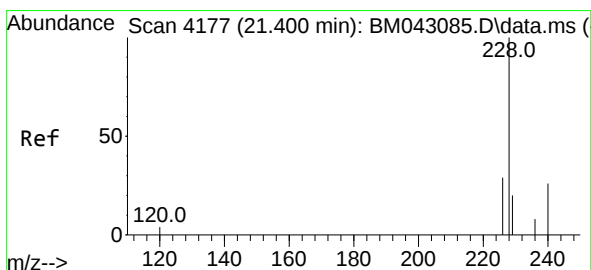
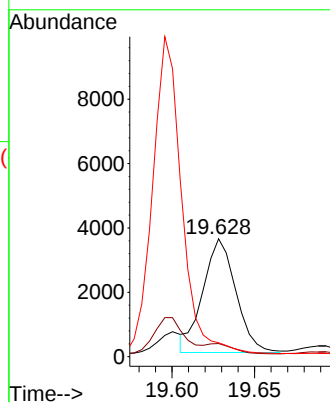
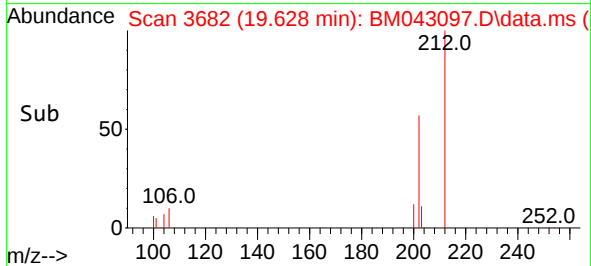
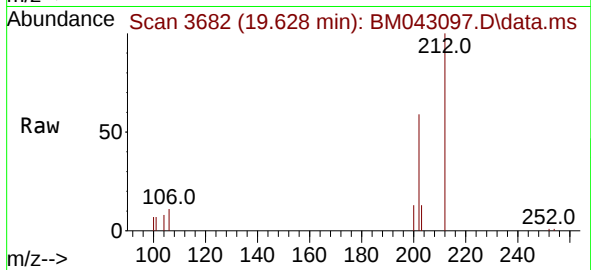
Tgt Ion:	202	Resp:	4910
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.7	13.1
100	11.8	7.8	11.8

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.144 ng/ul m

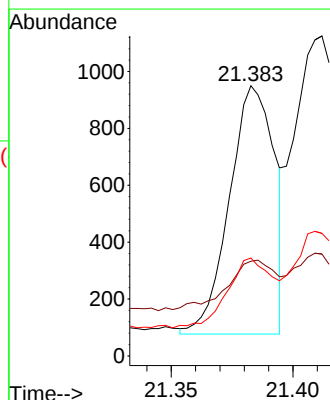
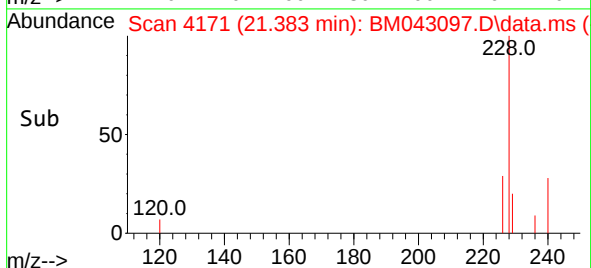
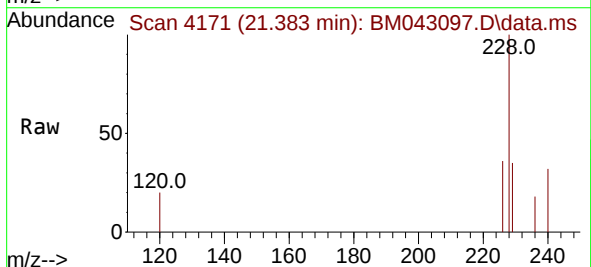
RT: 21.383 min Scan# 4171

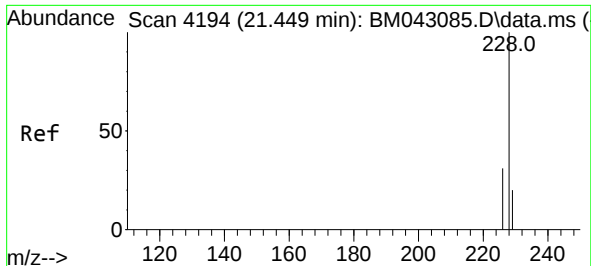
Delta R.T. -0.017 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

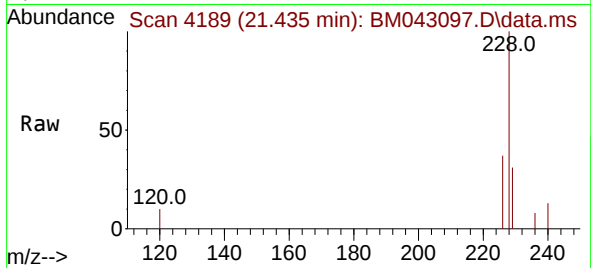
Tgt Ion:	228	Resp:	1120
Ion Ratio	Lower	Upper	
228	100		
229	35.1	19.4	29.0
226	36.2	24.9	37.3





#22
Chrysene
Concen: 0.241 ng/ul m
RT: 21.435 min Scan# 4194
Delta R.T. -0.014 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

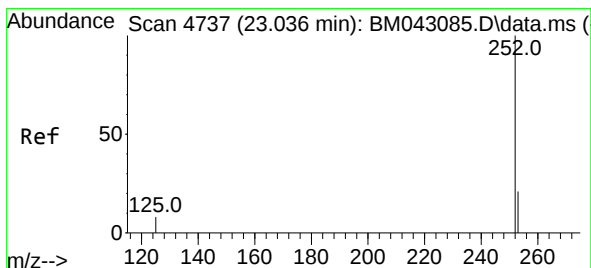
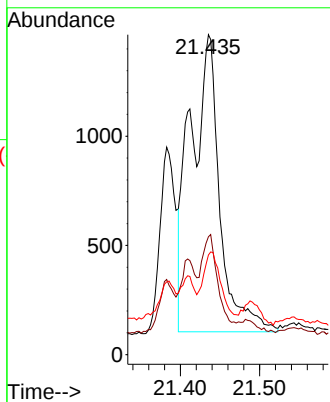
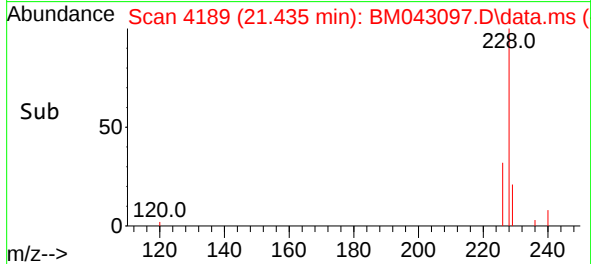
Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion:228 Resp: 3490
Ion Ratio Lower Upper
228 100
226 36.9 27.2 40.8
229 31.1 18.0 27.0

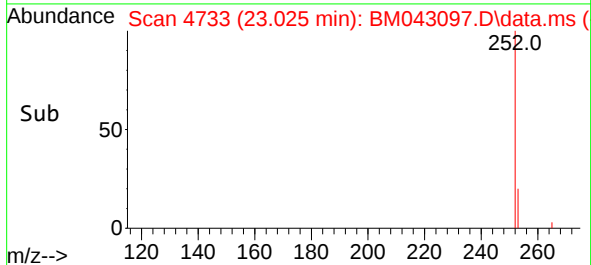
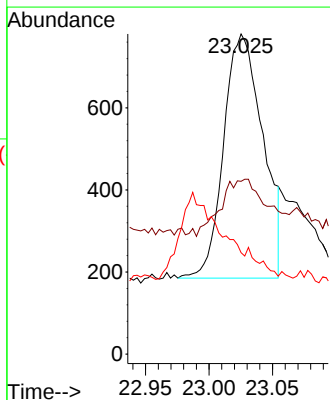
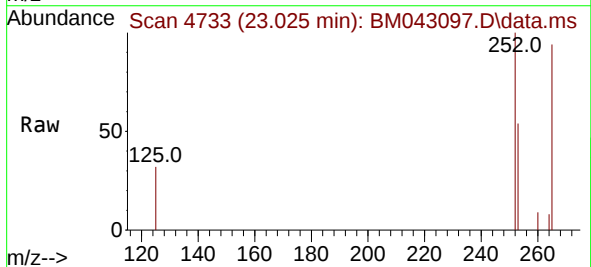
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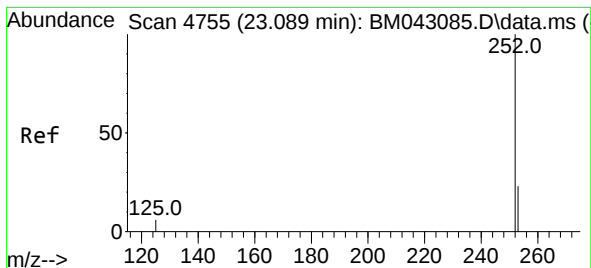
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.113 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.011 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Tgt Ion:252 Resp: 1280
Ion Ratio Lower Upper
252 100
253 54.0 0.0 71.8
125 31.7 0.0 29.0





#25

Benzo(k)fluoranthene

Concen: 0.026 ng/ul m

RT: 23.051 min Scan# 4

Delta R.T. -0.037 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

Instrument :

BNA_M

ClientSampleId :

C0AJ3

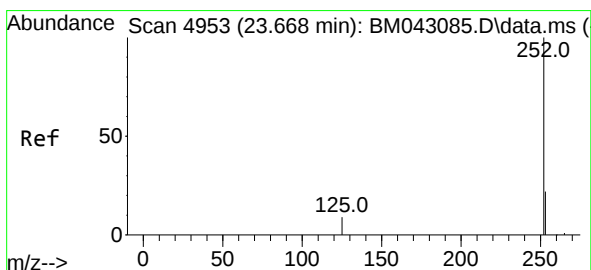
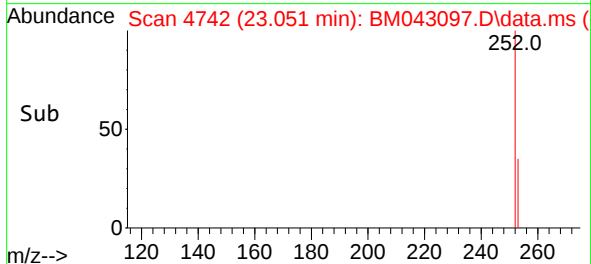
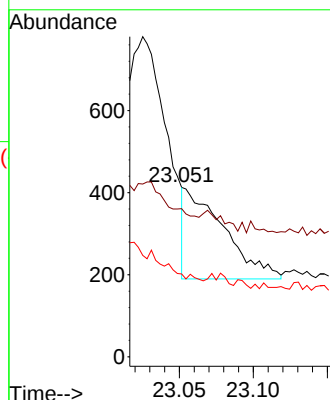
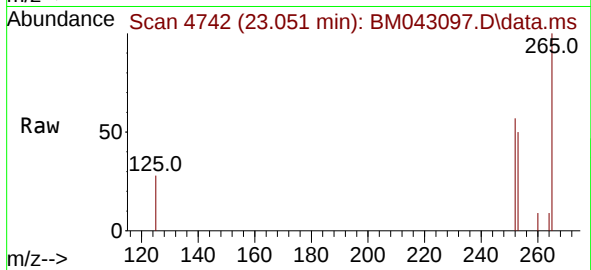
Tgt Ion:252	Resp:	409
Ion Ratio	Lower	Upper
252	100	
253	87.4	28.2 42.2
125	48.9	11.0 16.6

Manual Integrations

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Supervised By :mohammad ahmed 12/04/2023



#26

Benzo(a)pyrene

Concen: 0.059 ng/ul

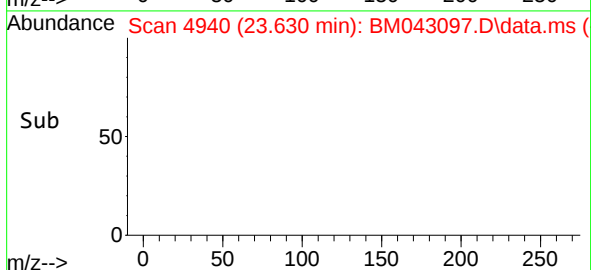
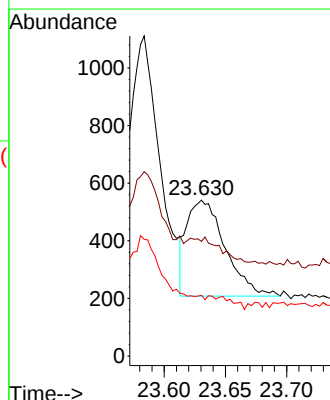
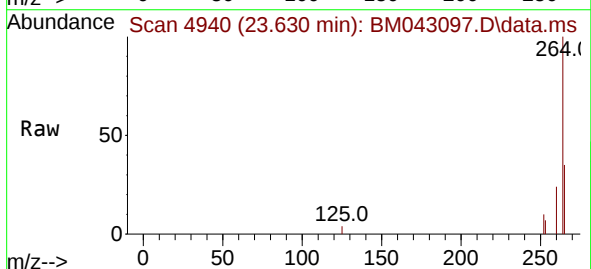
RT: 23.630 min Scan# 4940

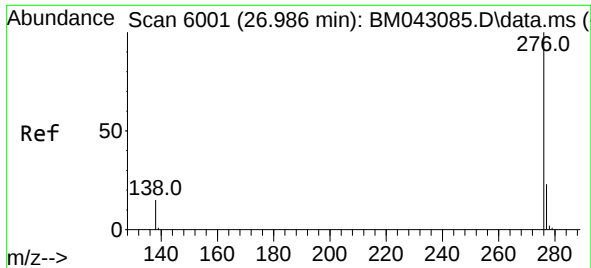
Delta R.T. -0.037 min

Lab File: BM043097.D

Acq: 30 Nov 2023 22:29

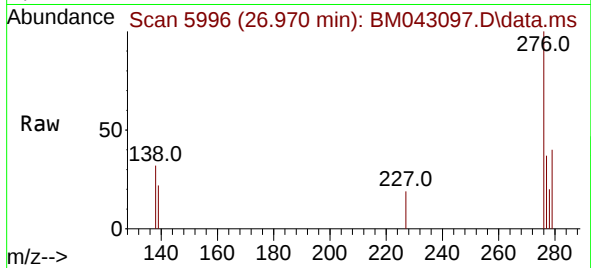
Tgt Ion:252	Resp:	726
Ion Ratio	Lower	Upper
252	100	
253	73.6	36.6 55.0#
125	39.0	16.2 24.4#





#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.970 min Scan# 5996
Delta R.T. -0.016 min
Lab File: BM043097.D
Acq: 30 Nov 2023 22:29

Instrument :
BNA_M
ClientSampleId :
C0AJ3



Tgt Ion: 276 Resp: 113
Ion Ratio Lower Upper
276 100
138 32.3 17.8 26.8
277 36.8 23.8 35.8

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 12/01/2023
Supervised By : mohammad ahmed 12/04/2023

