

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042931.D
 Acq On : 20 Nov 2023 16:53
 Operator : MA/JU
 Sample : 05174-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAN1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 23:30:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	36872	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	140894	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	89036	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.215	188	200982	20.000	ng/u1	-0.01
79) Chrysene-d12	21.403	240	242397	20.000	ng/u1	# 0.00
88) Perylene-d12	23.768	264	306716	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	3885	3.306	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.981	99	39054	10.883	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	28983	11.494	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	29638	10.704	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	19429	6.876	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	12574	10.179	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	14981	10.367	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	28470	10.596	ng/u1	0.00
31) 4-Chloroaniline-d4	10.827	131	5281m	1.548	ng/u1	0.03
46) Dimethylphthalate-d6	13.886	166	105083	12.470	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	110002	12.201	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	8087m	8.494	ng/u1	0.02
60) Fluorene-d10	15.457	176	88667	12.707	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	5774	3.793	ng/u1	0.00
73) Anthracene-d10	17.315	188	142331	12.636	ng/u1	-0.01
81) Pyrene-d10	19.615	212	188602	11.882	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	232390	12.667	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.663	105	16845m	3.545	ng/u1	
50) Acenaphthylene	14.198	152	39932	3.953	ng/u1	97
72) Phenanthrene	17.262	178	24898	1.983	ng/u1	97
74) Anthracene	17.356	178	38050	3.013	ng/u1	99
80) Fluoranthene	19.280	202	108531	5.997	ng/u1	100
82) Pyrene	19.645	202	122920	6.405	ng/u1	99
85) Benzo(a)anthracene	21.392	228	107769	5.664	ng/u1	93
87) Chrysene	21.444	228	123340m	6.684	ng/u1	
90) Benzo(b)fluoranthene	23.038	252	270914	12.943	ng/u1#	93
91) Benzo(k)fluoranthene	23.080	252	83822m	3.762	ng/u1	
93) Benzo(a)pyrene	23.662	252	145548	7.136	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	26.232	276	134360	5.300	ng/u1	97
96) Benzo(g,h,i)perylene	27.003	276	115612	5.744	ng/u1#	90

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

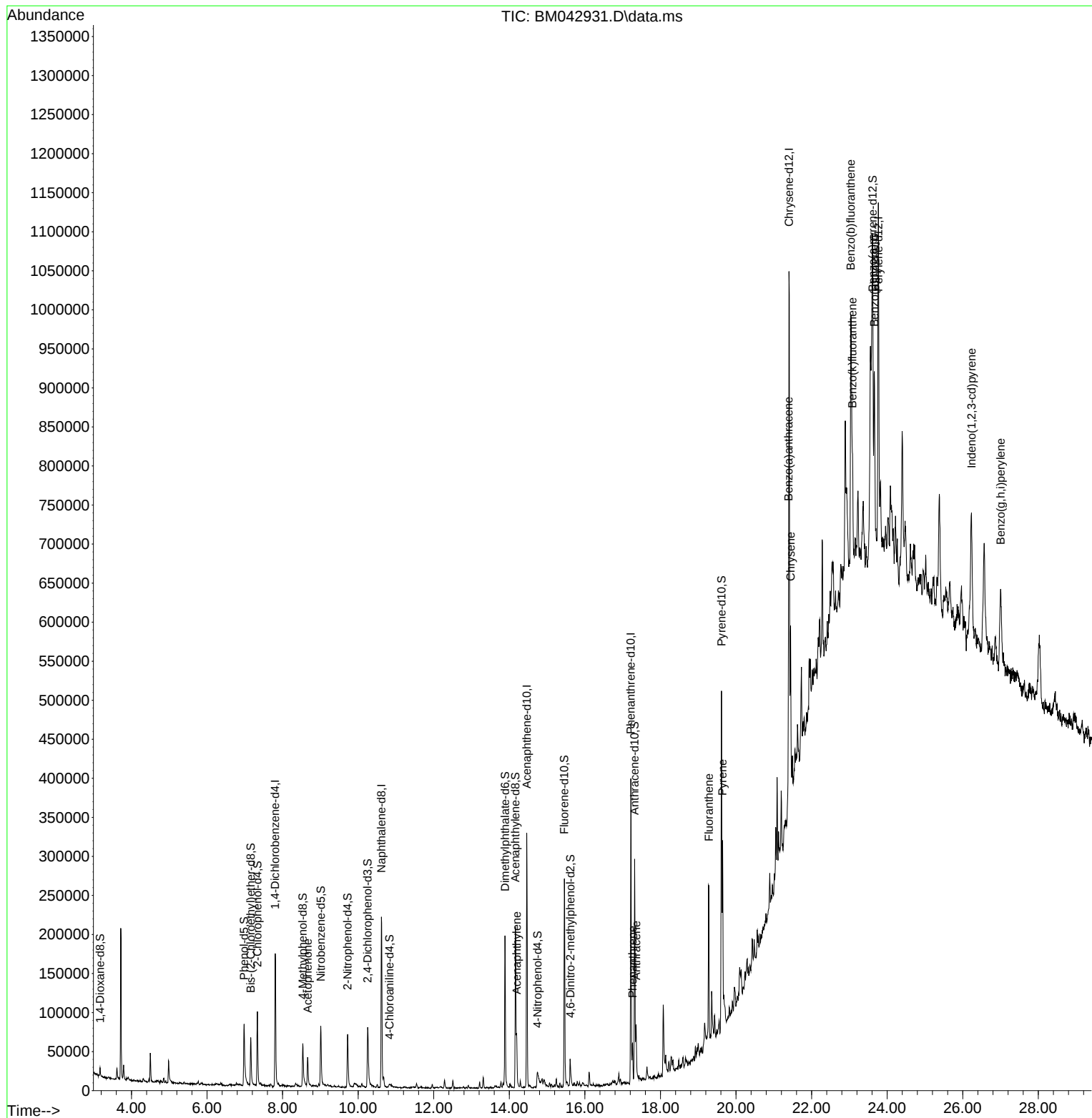
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Data File : BM042931.D
Acq On : 20 Nov 2023 16:53
Operator : MA/JU
Sample : 05174-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

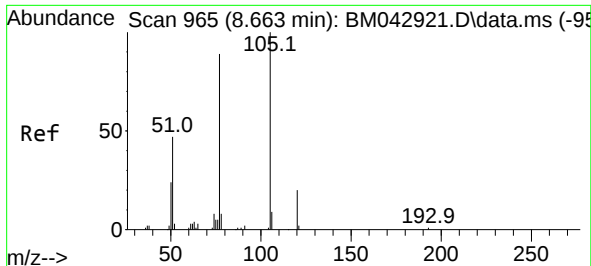
Instrument :
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Quant Title : SVOA CALIBRATION
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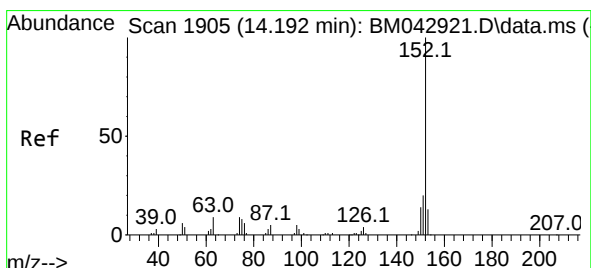
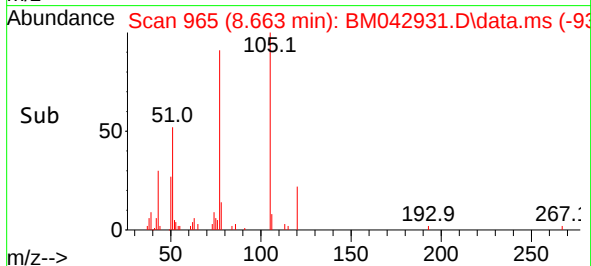
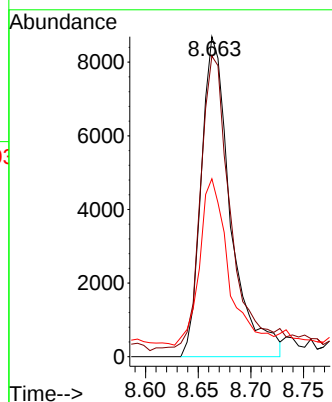
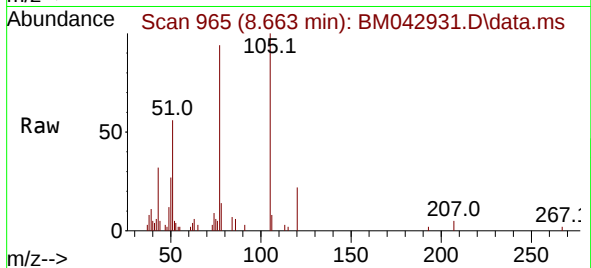
#16
Acetophenone
Concen: 3.545 ng/ul m
RT: 8.663 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

Instrument :
BNA_M
ClientSampleId :
COAN1

Tgt Ion:	105	Resp:	1684
Ion Ratio	Lower	Upper	
105	100		
77	93.9	71.6	107.4
51	55.6	35.4	53.2

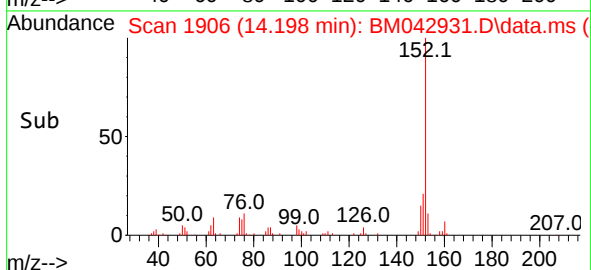
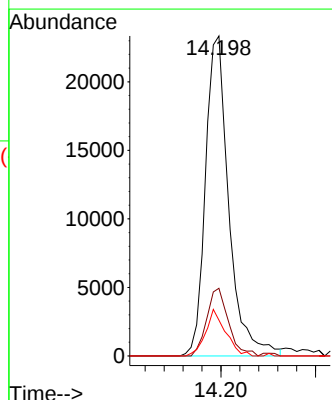
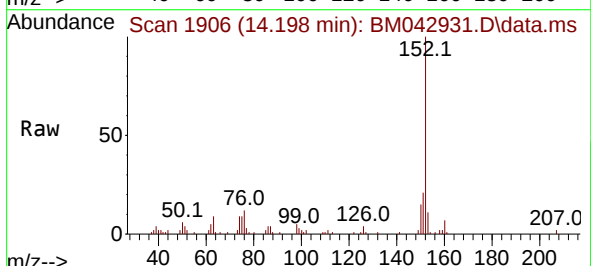
Manual Integrations
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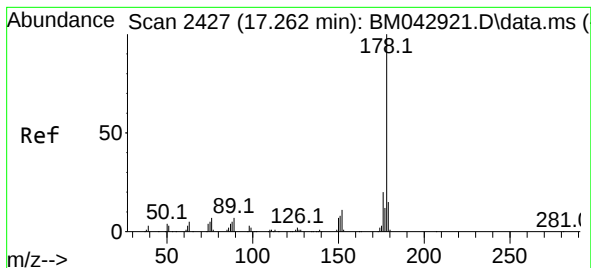
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#50
Acenaphthylene
Concen: 3.953 ng/ul
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

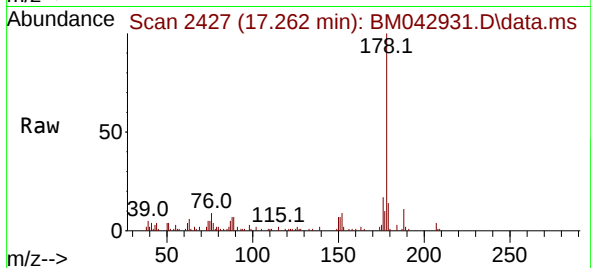
Tgt Ion:	152	Resp:	39932
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.0	24.0
153	11.2	10.5	15.7





#72
Phenanthrene
Concen: 1.983 ng/u1
RT: 17.262 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

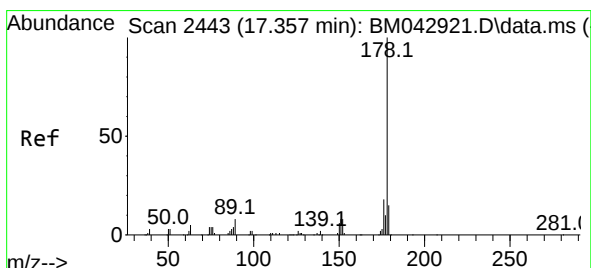
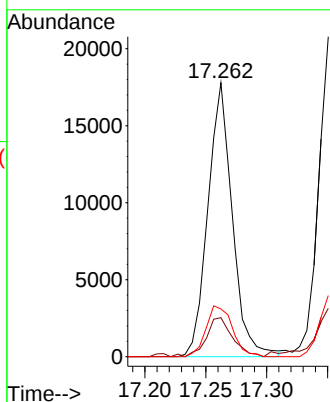
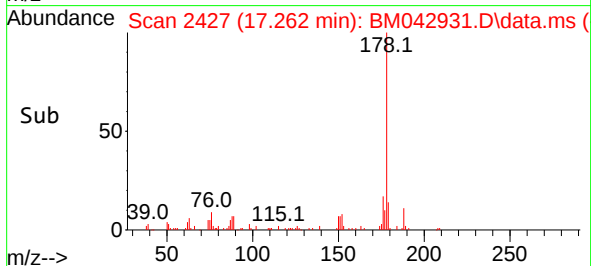
Instrument :
BNA_M
ClientSampleId :
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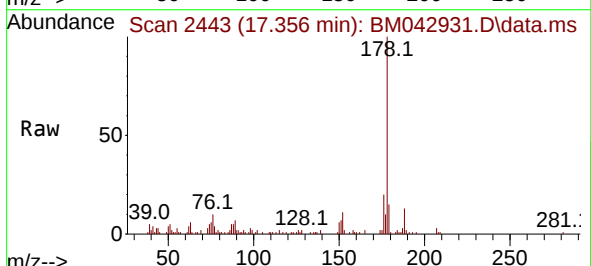
Tgt Ion:178 Resp: 24898
Ion Ratio Lower Upper
178 100
179 14.2 11.4 17.2
176 17.4 15.5 23.3

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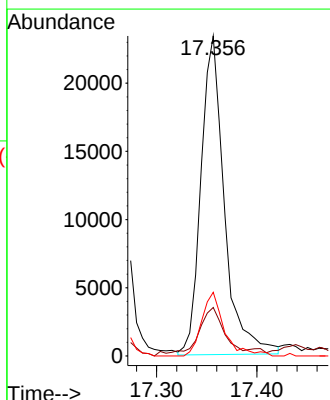
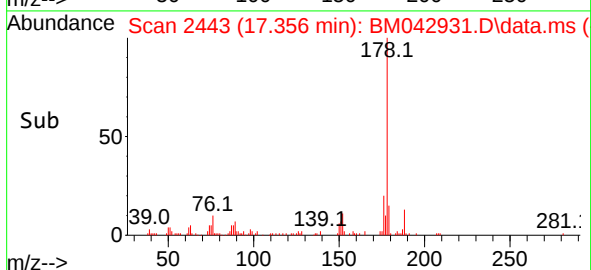
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

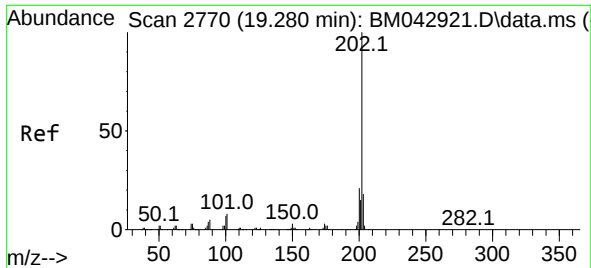


#74
Anthracene
Concen: 3.013 ng/u1
RT: 17.356 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53



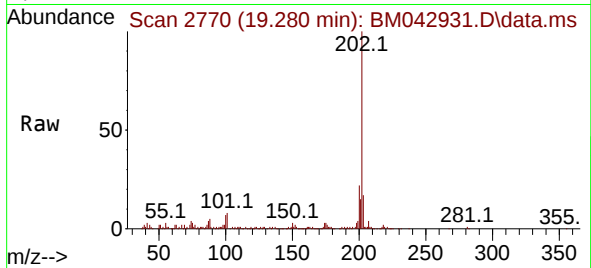
Tgt Ion:178 Resp: 38050
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.9 15.7 23.5





#80
Fluoranthene
Concen: 5.997 ng/u1
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

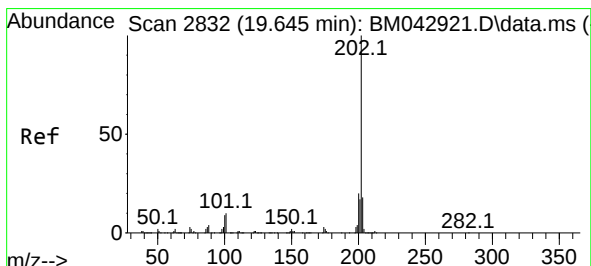
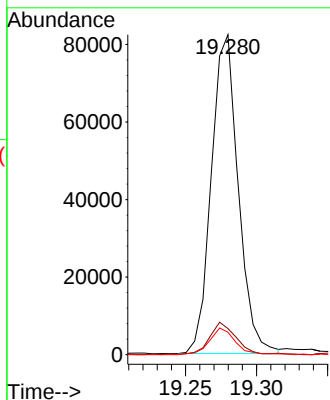
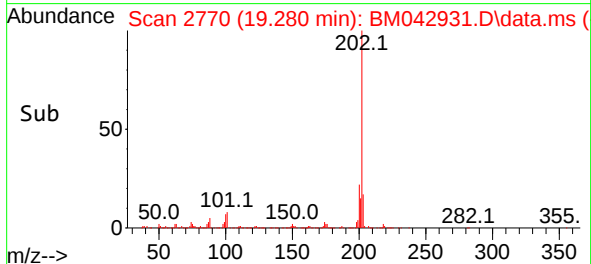
Instrument :
BNA_M
ClientSampleId :
COAN1



Tgt Ion:202 Resp: 10853
Ion Ratio Lower Upper
202 100
101 8.2 6.6 9.8
100 7.0 5.6 8.4

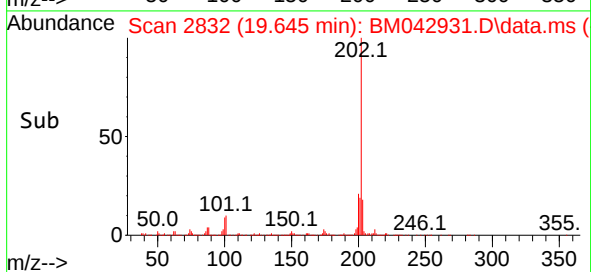
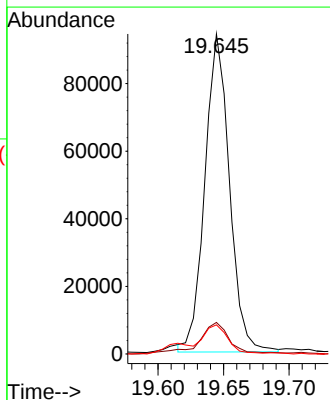
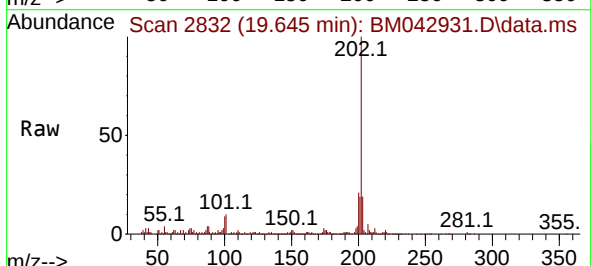
Manual Integrations
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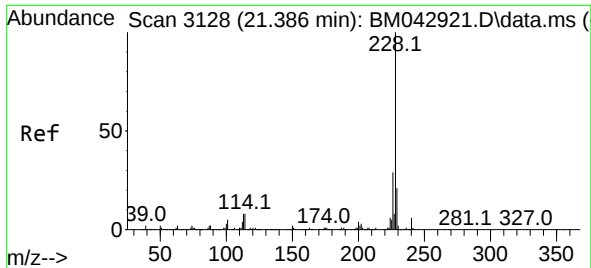
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#82
Pyrene
Concen: 6.405 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

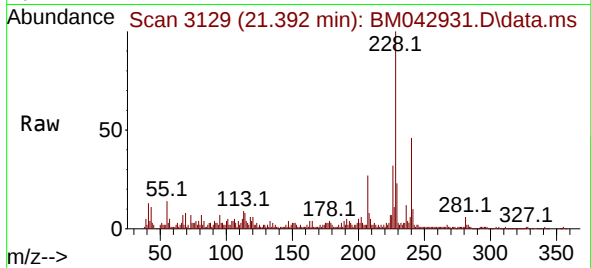
Tgt Ion:202 Resp: 122920
Ion Ratio Lower Upper
202 100
101 9.9 8.1 12.1
100 9.1 6.9 10.3





#85
Benzo(a)anthracene
Concen: 5.664 ng/ul
RT: 21.392 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

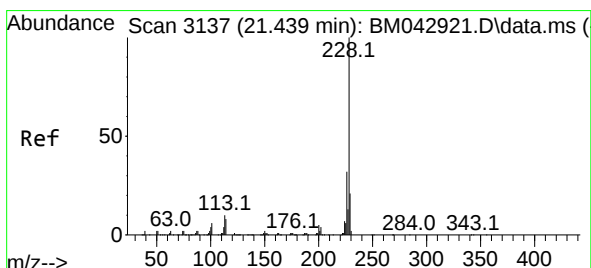
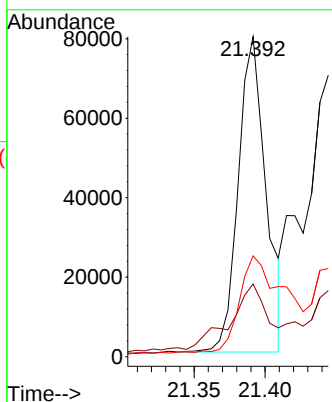
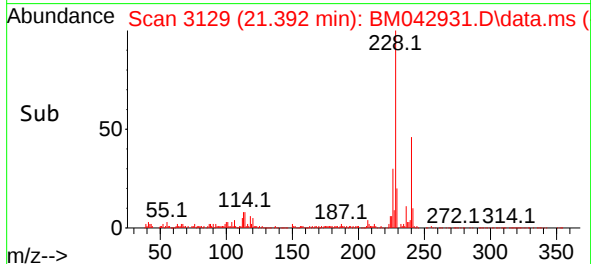
Instrument :
BNA_M
ClientSampleId :
COAN1



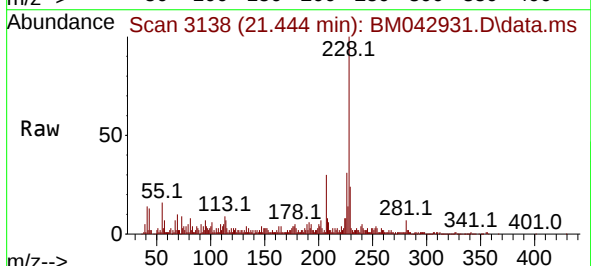
Tgt Ion:228 Resp: 107769
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.6
226 31.5 22.5 33.7

Manual Integrations
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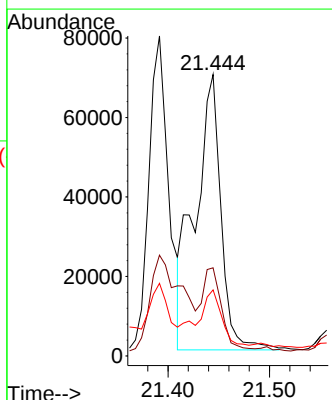
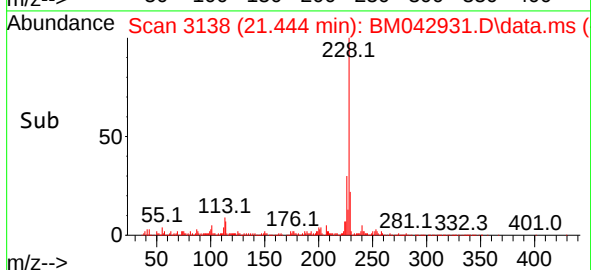
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

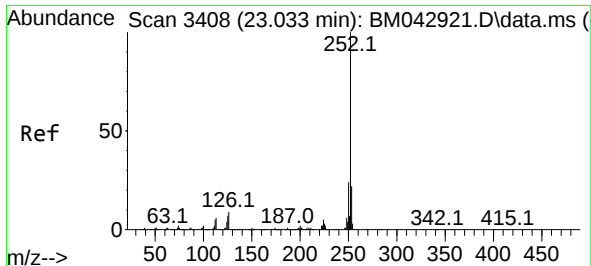


#87
Chrysene
Concen: 6.684 ng/ul m
RT: 21.444 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53



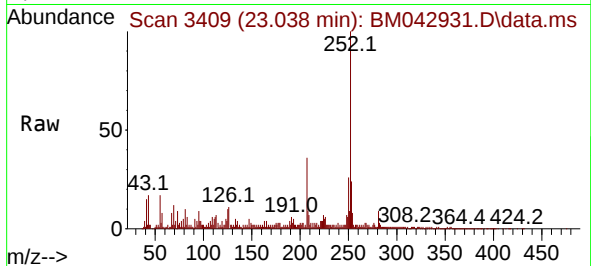
Tgt Ion:228 Resp: 123340
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 23.5 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 12.943 ng/ul
RT: 23.038 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53

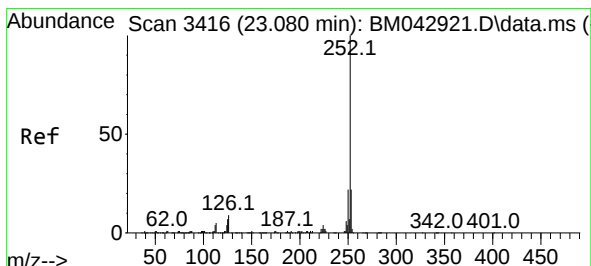
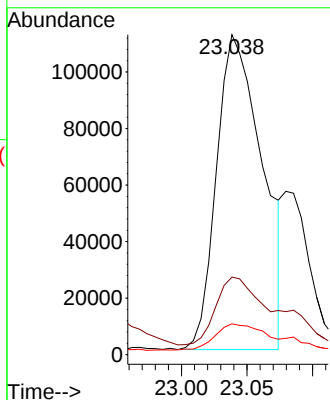
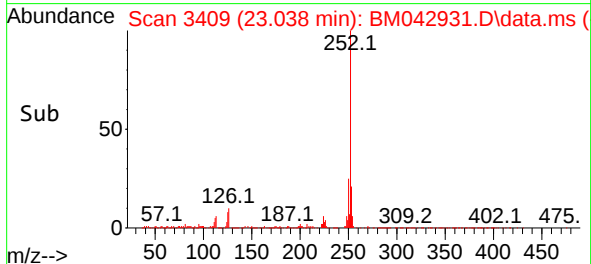
Instrument :
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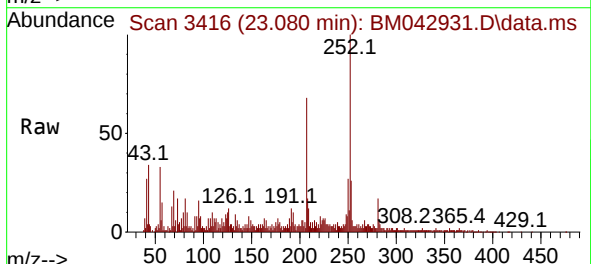
Tgt Ion:252 Resp: 270914
Ion Ratio Lower Upper
252 100
253 24.3 17.0 25.6
125 9.6 5.2 7.8

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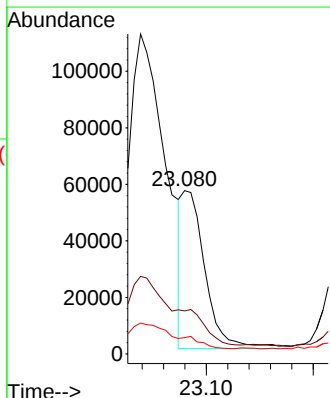
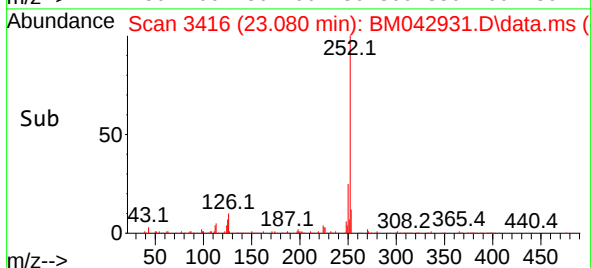
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

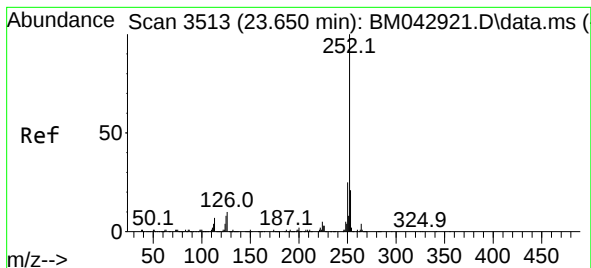


#91
Benzo(k)fluoranthene
Concen: 3.762 ng/ul m
RT: 23.080 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BM042931.D
Acq: 20 Nov 2023 16:53



Tgt Ion:252 Resp: 83822
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 10.0 5.5 8.3#





#93

Benzo(a)pyrene

Concen: 7.136 ng/ul

RT: 23.662 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

Instrument :

BNA_M

ClientSampleId :

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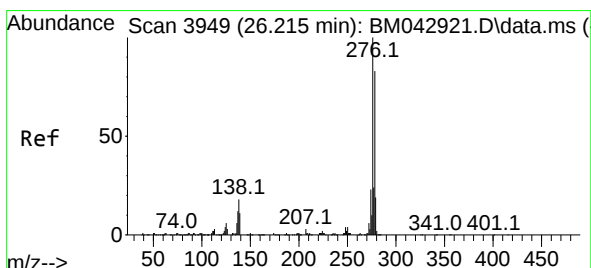
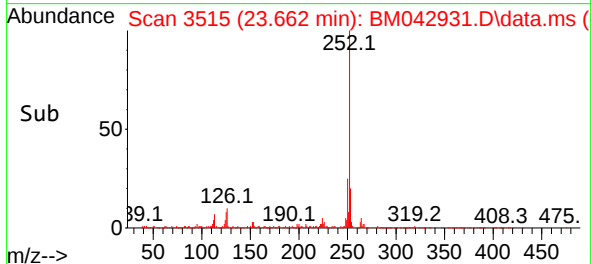
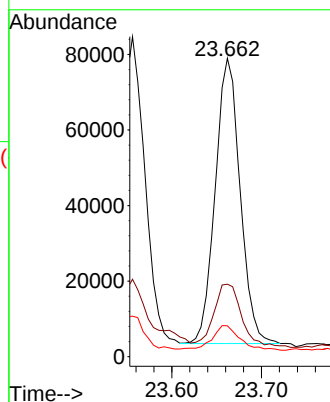
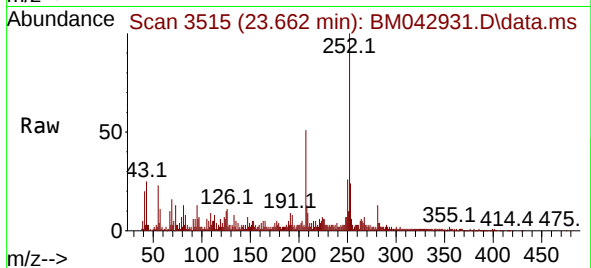
Tgt Ion:	252	Resp:	14554
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.0	25.6
125	10.4	6.3	9.5

Manual Integrations

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Supervised By :mohammad ahmed 11/21/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.300 ng/ul

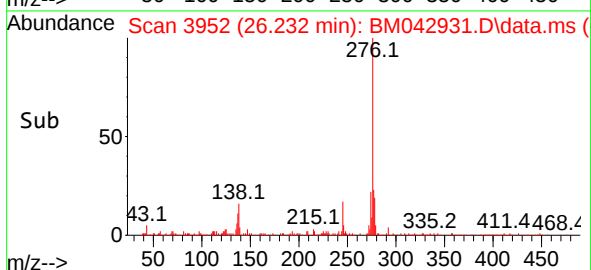
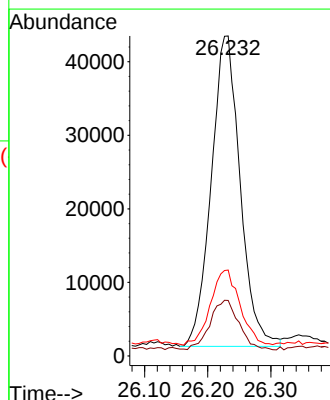
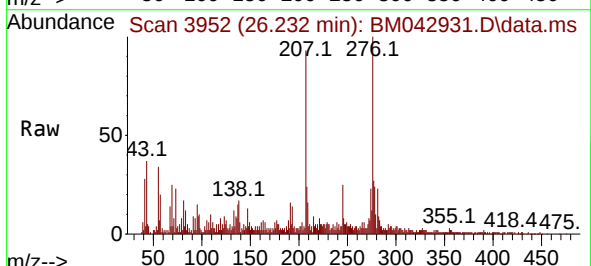
RT: 26.232 min Scan# 3952

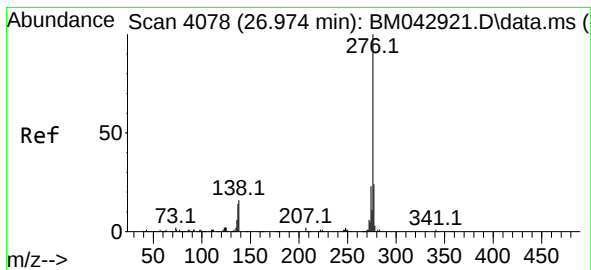
Delta R.T. 0.006 min

Lab File: BM042931.D

Acq: 20 Nov 2023 16:53

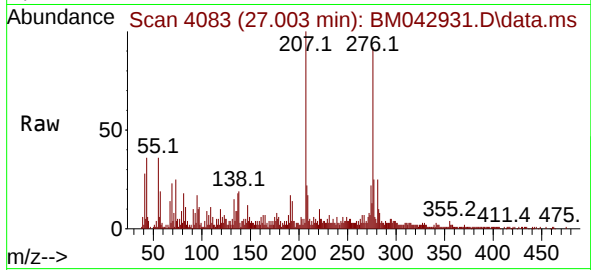
Tgt Ion:	276	Resp:	134360
Ion Ratio	Lower	Upper	
276	100		
138	17.4	13.8	20.8
277	26.8	19.7	29.5





#96
 Benzo(g,h,i)perylene
 Concen: 5.744 ng/ul
 RT: 27.003 min Scan# 4083
 Delta R.T. 0.012 min
 Lab File: BM042931.D
 Acq: 20 Nov 2023 16:53

Instrument :
 BNA_M
 ClientSampleId :
 COAN1



Tgt Ion: 276 Resp: 115612
 Ion Ratio Lower Upper
 276 100
 138 20.7 13.0 19.6
 277 27.4 18.4 27.6

Manual Integrations
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Reviewed By : Yogesh Patel 11/21/2023
 Supervised By : mohammad ahmed 11/21/2023

