

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042926.D
 Acq On : 20 Nov 2023 13:54
 Operator : MA/JU
 Sample : 05174-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COAN6

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 23:19:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM11323.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	7.810	152	33700	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	128050	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	82292	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	189324	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	214544	20.000	ng/u1	# 0.00
88) Perylene-d12	23.762	264	260851	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	1880	1.750	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.981	99	25963	7.916	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	19790	8.587	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	20454	8.082	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	17887	6.926	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	8914	7.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	9190	6.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	19510	7.989	ng/u1	0.02
31) 4-Chloroaniline-d4	10.828	131	10927m	3.524	ng/u1	0.03
46) Dimethylphthalate-d6	13.886	166	75267	9.664	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	80460	9.655	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	4448m	5.055	ng/u1	0.04
60) Fluorene-d10	15.457	176	67992	10.542	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	5406	3.770	ng/u1	0.00
73) Anthracene-d10	17.316	188	110703	10.434	ng/u1	-0.01
81) Pyrene-d10	19.615	212	154438	10.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	171546	10.994	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.675	105	4828	1.112	ng/u1	93
52) Acenaphthene	14.527	153	8330	1.319	ng/u1	98
72) Phenanthrene	17.263	178	106752	9.026	ng/u1	98
74) Anthracene	17.357	178	24487	2.058	ng/u1	97
80) Fluoranthene	19.280	202	281019	17.543	ng/u1	99
82) Pyrene	19.645	202	234977	13.834	ng/u1	99
85) Benzo(a)anthracene	21.392	228	150622	8.943	ng/u1	98
87) Chrysene	21.439	228	152801m	9.355	ng/u1	
90) Benzo(b)fluoranthene	23.033	252	227265	12.766	ng/u1#	96
91) Benzo(k)fluoranthene	23.080	252	81694m	4.311	ng/u1	
93) Benzo(a)pyrene	23.656	252	157352	9.071	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.209	276	127197	5.900	ng/u1	99
96) Benzo(g,h,i)perylene	26.974	276	122137	7.135	ng/u1	96

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

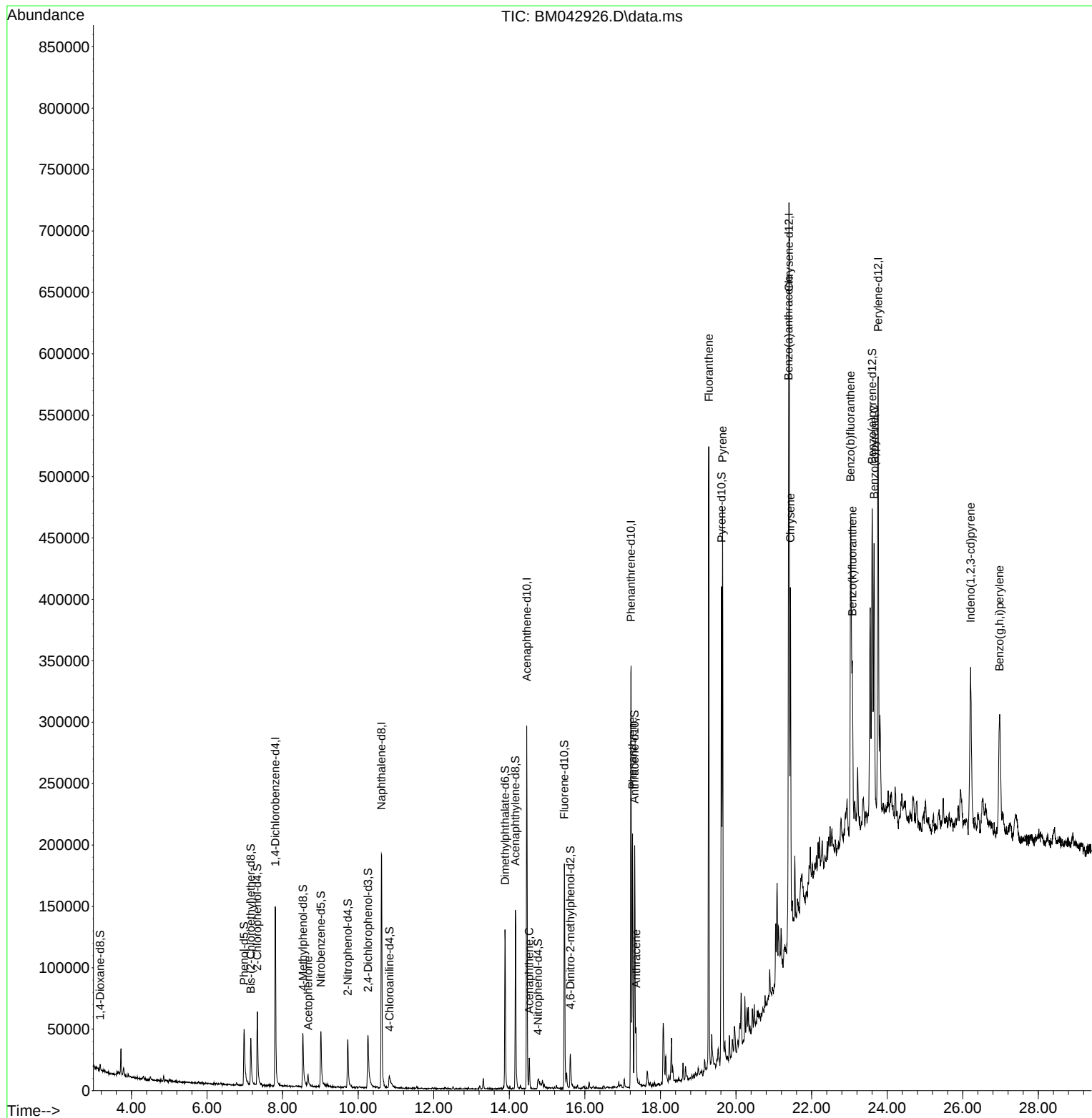
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 ALS Vial : 7 Sample Multiplier: 1

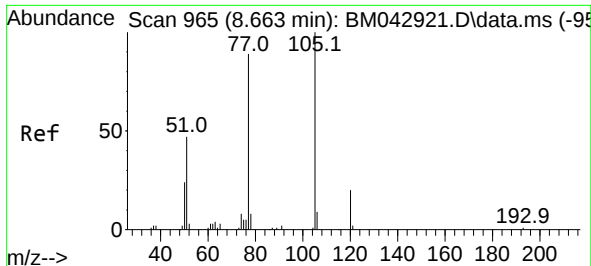
Instrument :
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 ClientSampleId :
 C0AN6

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

Quant Time: Nov 20 23:19:45 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





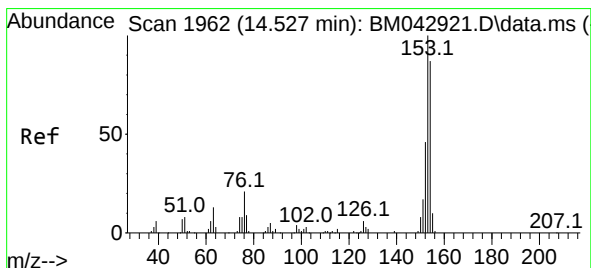
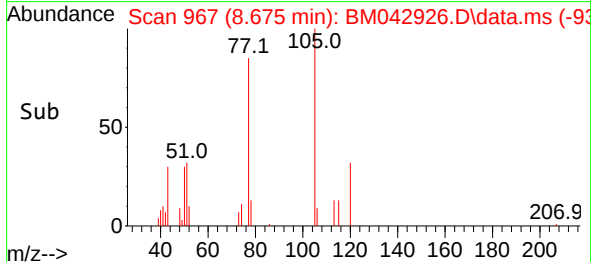
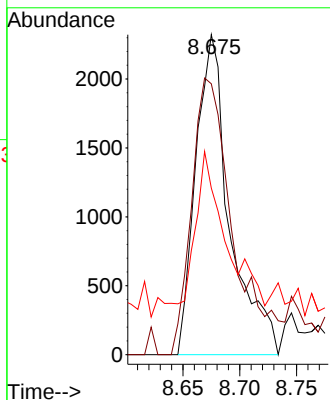
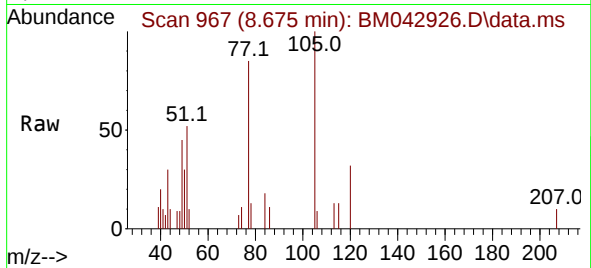
#16
Acetophenone
Concen: 1.112 ng/ul
RT: 8.675 min Scan# 965
Delta R.T. 0.012 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

Instrument :
BNA_M
ClientSampleId :
COAN6

Tgt Ion:105 Resp: 4828
Ion Ratio Lower Upper
105 100
77 84.7 71.6 107.4
51 52.0 35.4 53.2

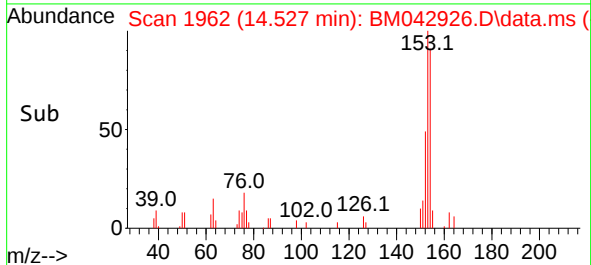
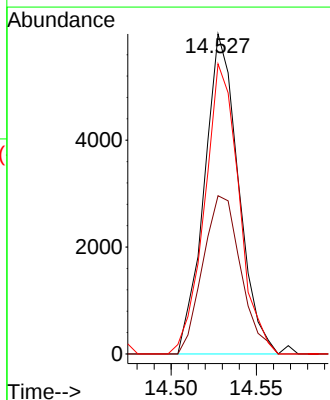
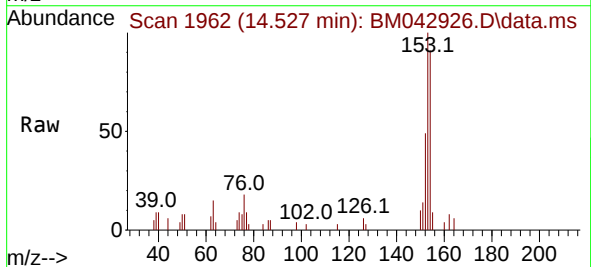
Manual Integrations
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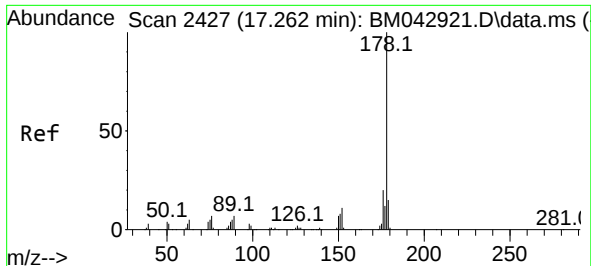
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#52
Acenaphthene
Concen: 1.319 ng/ul
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

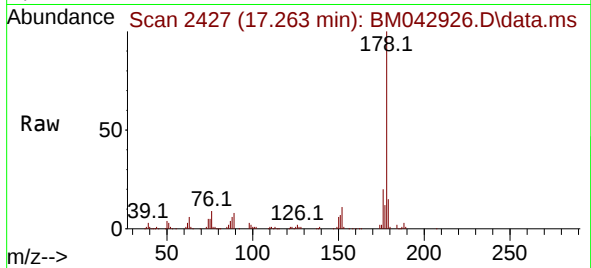
Tgt Ion:153 Resp: 8330
Ion Ratio Lower Upper
153 100
152 49.5 38.2 57.2
154 90.6 71.3 106.9





#72
Phenanthrene
Concen: 9.026 ng/u1
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

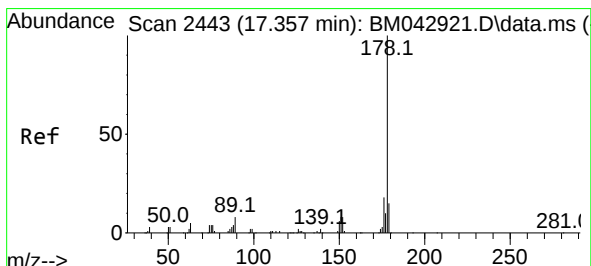
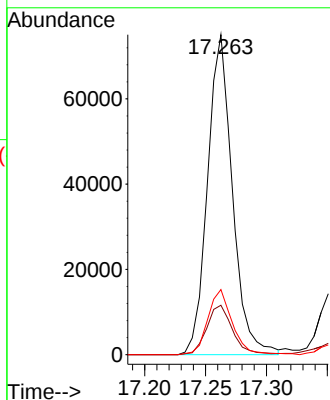
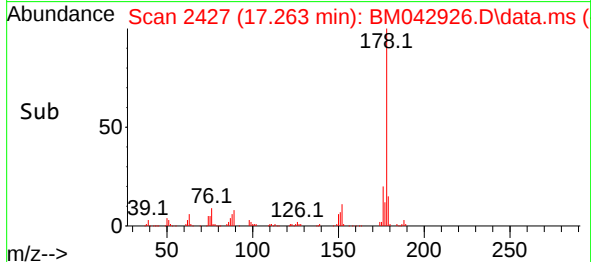
Instrument :
BNA_M
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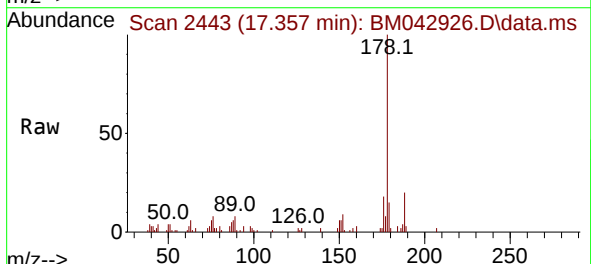
Tgt Ion:178 Resp: 106752
Ion Ratio Lower Upper
178 100
179 15.5 11.4 17.2
176 20.4 15.5 23.3

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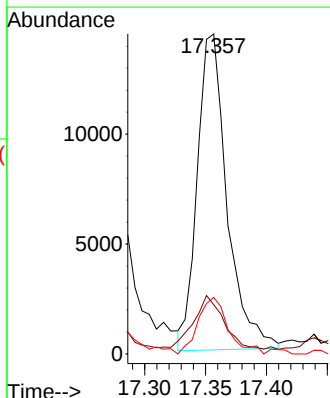
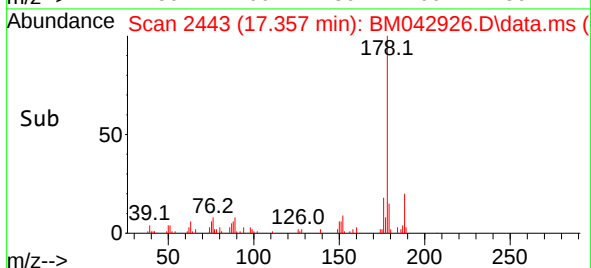
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

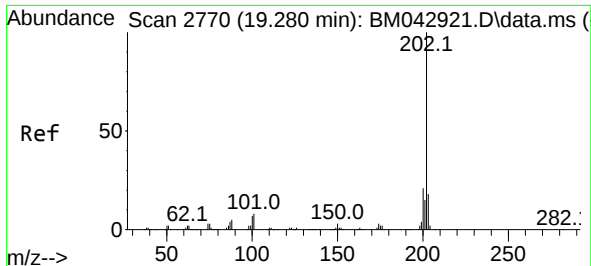


#74
Anthracene
Concen: 2.058 ng/u1
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54



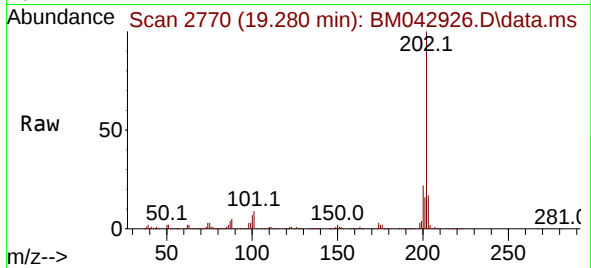
Tgt Ion:178 Resp: 24487
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 17.7 15.7 23.5





#80
Fluoranthene
Concen: 17.543 ng/u1
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

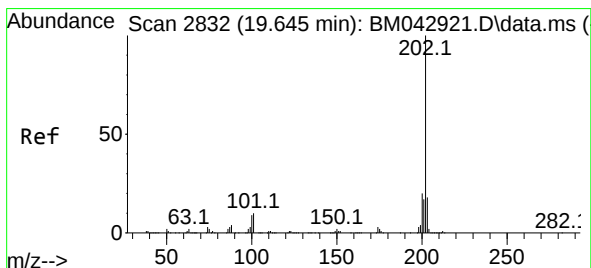
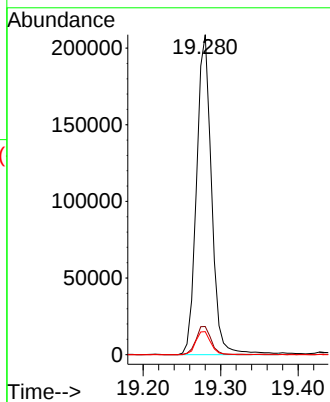
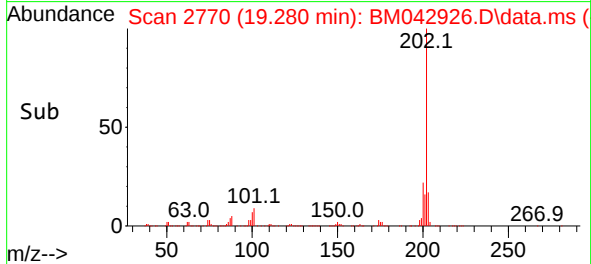
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 281019
Ion Ratio Lower Upper
202 100
101 8.8 6.6 9.8
100 7.2 5.6 8.4

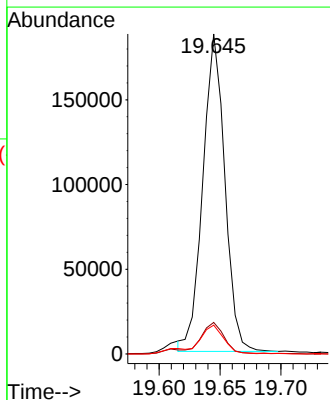
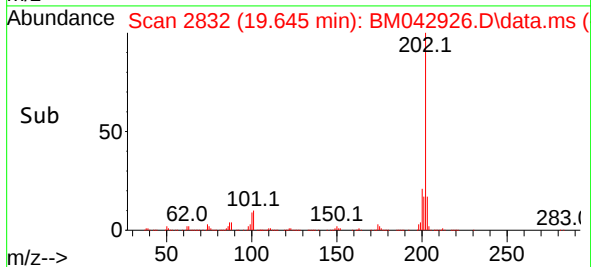
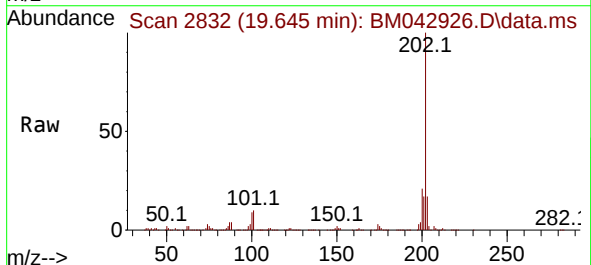
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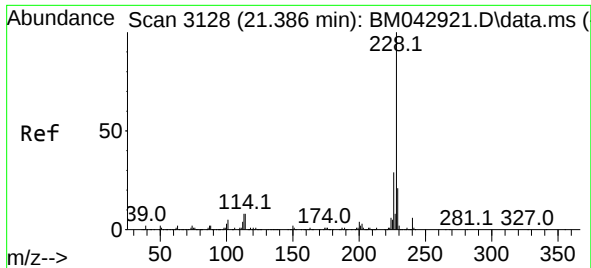
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#82
Pyrene
Concen: 13.834 ng/u1
RT: 19.645 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

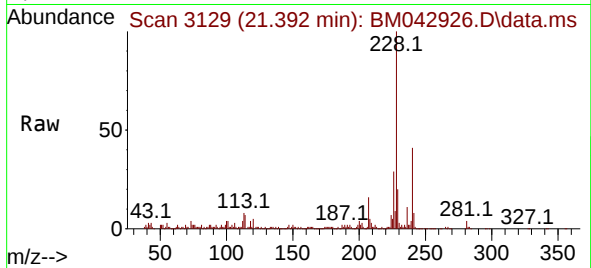
Tgt Ion:202 Resp: 234977
Ion Ratio Lower Upper
202 100
101 9.9 8.1 12.1
100 9.0 6.9 10.3





#85
Benzo(a)anthracene
Concen: 8.943 ng/ul
RT: 21.392 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

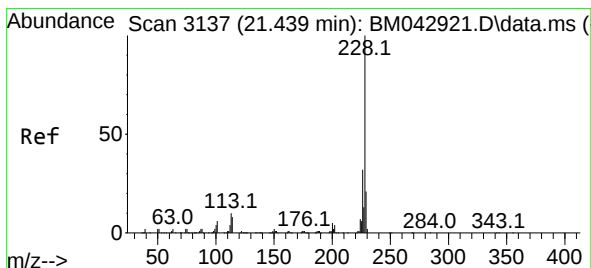
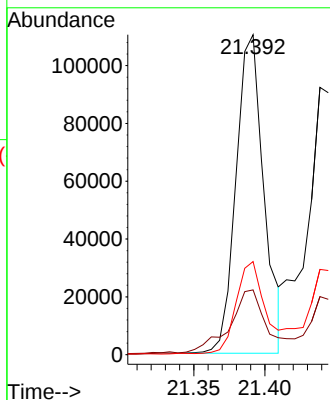
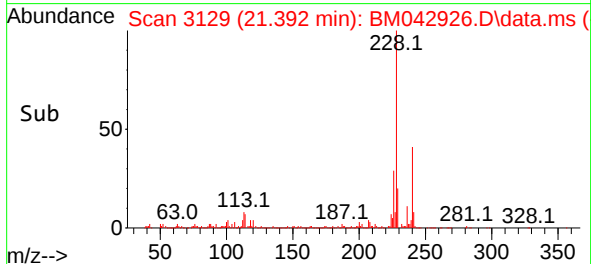
Instrument :
BNA_M
ClientSampleId :
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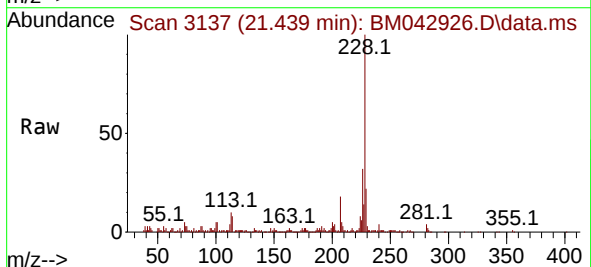
Tgt Ion:228 Resp: 15062
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.1 22.5 33.7

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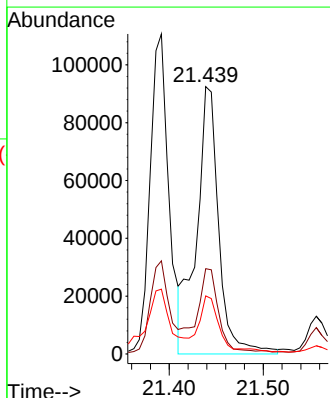
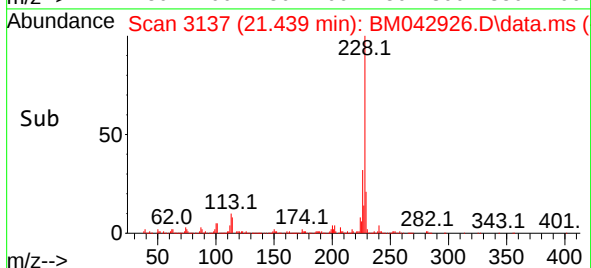
Reviewed By :Yogesh Patel 11/21/2023
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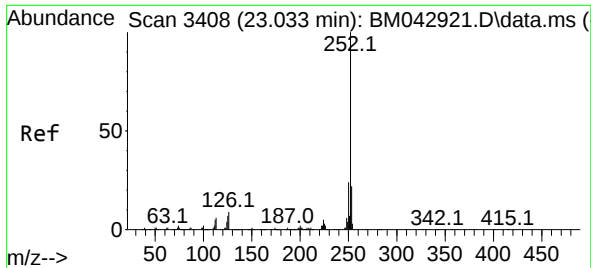


#87
Chrysene
Concen: 9.355 ng/ul m
RT: 21.439 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54



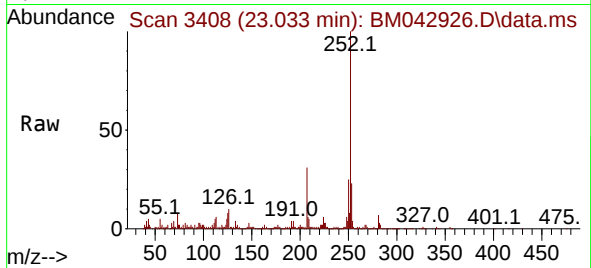
Tgt Ion:228 Resp: 152801
Ion Ratio Lower Upper
228 100
226 31.9 24.3 36.5
229 21.7 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 12.766 ng/ul
RT: 23.033 min Scan# 3408
Delta R.T. -0.012 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54

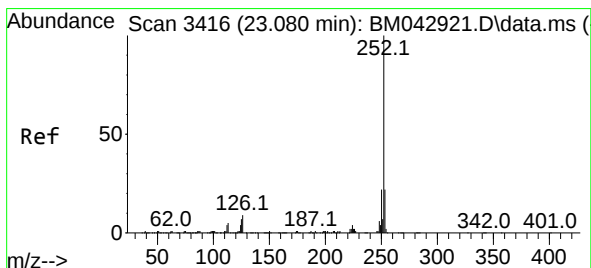
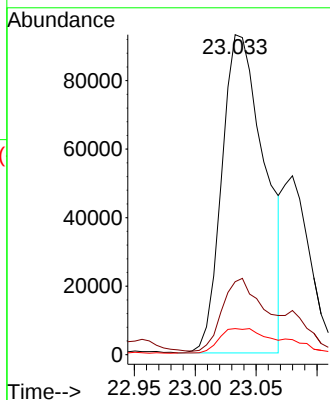
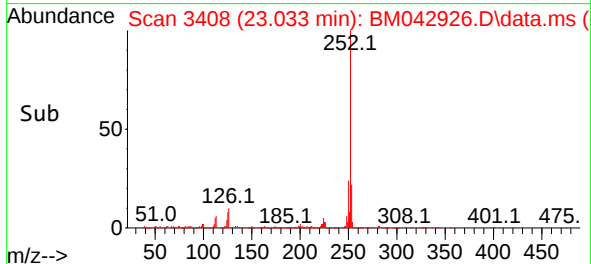
Instrument :
BNA_M
ClientSampleId :
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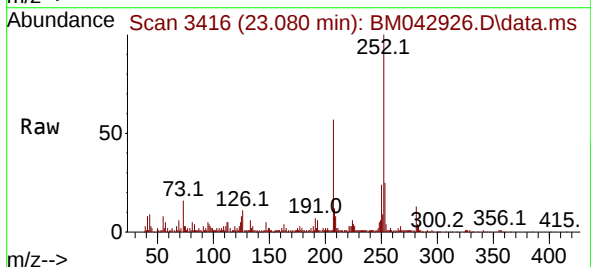
Tgt Ion:252 Resp: 22726
Ion Ratio Lower Upper
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253 22.8 17.0 25.6
125 8.1 5.2 7.8

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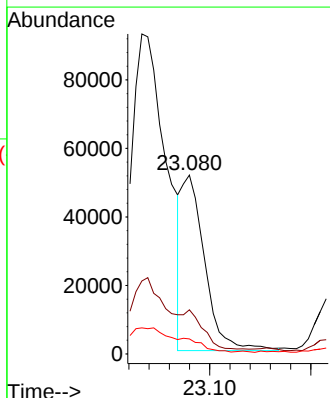
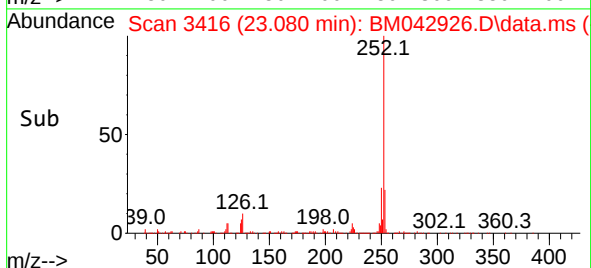
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

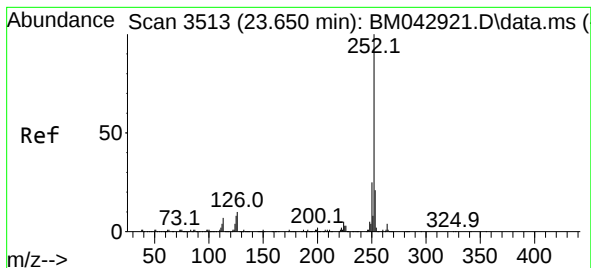


#91
Benzo(k)fluoranthene
Concen: 4.311 ng/ul m
RT: 23.080 min Scan# 3416
Delta R.T. -0.012 min
Lab File: BM042926.D
Acq: 20 Nov 2023 13:54



Tgt Ion:252 Resp: 81694
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 8.4 5.5 8.3





#93

Benzo(a)pyrene

Concen: 9.071 ng/u1

RT: 23.656 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BM042926.D

Acq: 20 Nov 2023 13:54

Instrument :

BNA_M

ClientSampleId :

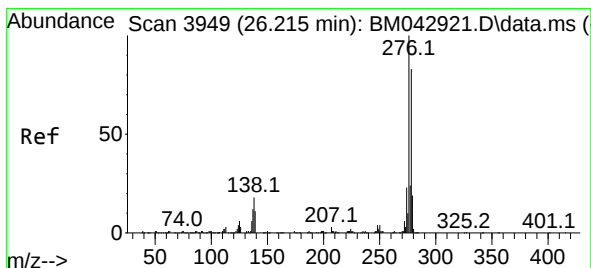
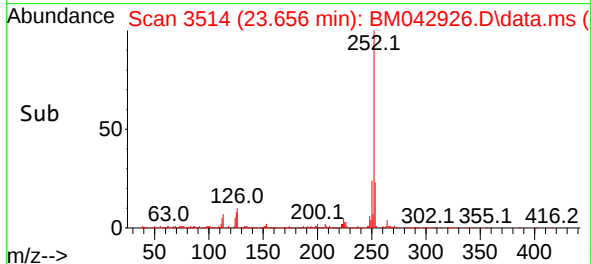
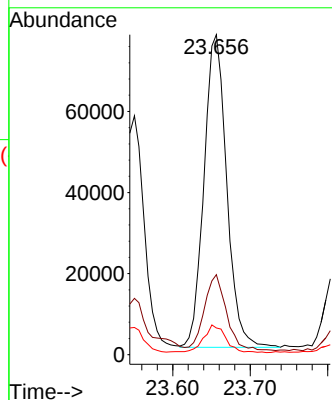
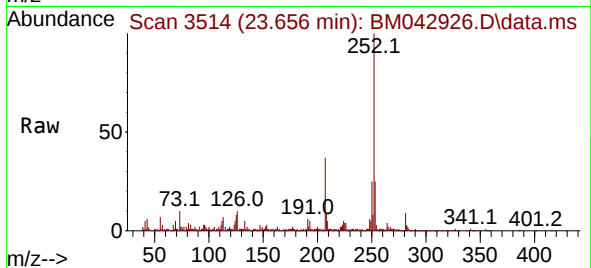
COAN6

Tgt Ion:252 Resp: 157352
 Ion Ratio Lower Upper
 252 100
 253 25.0 17.0 25.6
 125 8.4 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: 5.900 ng/u1

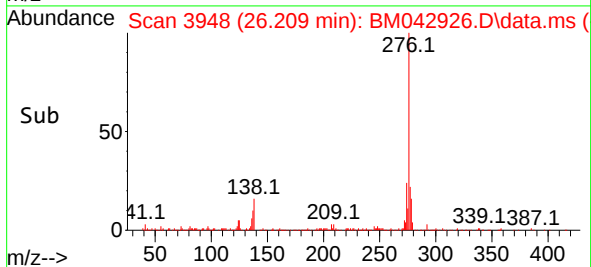
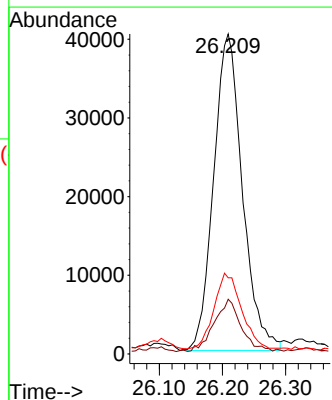
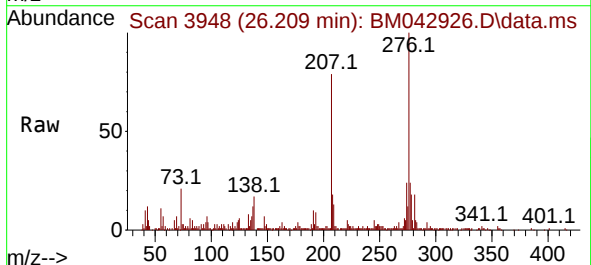
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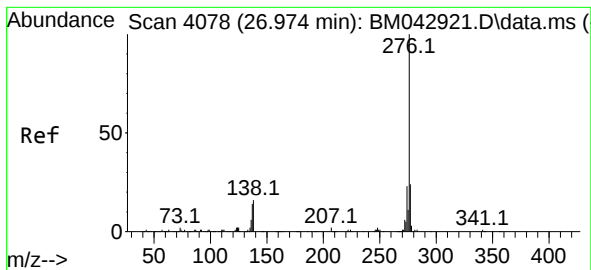
Delta R.T. -0.017 min

Lab File: BM042926.D

Acq: 20 Nov 2023 13:54

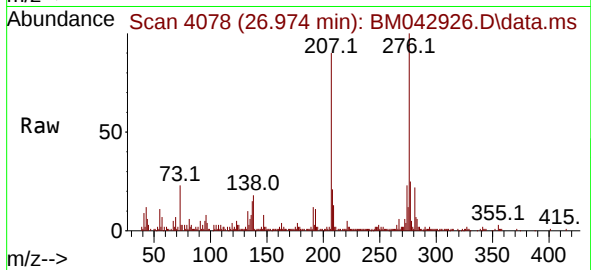
Tgt Ion:276 Resp: 127197
 Ion Ratio Lower Upper
 276 100
 138 17.1 13.8 20.8
 277 23.8 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 7.135 ng/ul
 RT: 26.974 min Scan# 4078
 Delta R.T. -0.017 min
 Lab File: BM042926.D
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Instrument :
 BNA_M
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Tgt Ion:	276	Resp:	12213
Ion Ratio	Lower	Upper	
276	100		
138	18.2	13.0	19.6
277	24.6	18.4	27.6

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

