

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
 Data File : BM044629.D
 Acq On : 15 Mar 2024 12:47
 Operator : MA/JU
 Sample : P1759-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0731

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 15 14:01:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	148675	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	594419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	347651	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	720984	20.000	ng/u1	0.00
79) Chrysene-d12	21.297	240	699532	20.000	ng/u1	0.00
88) Perylene-d12	23.538	264	802126	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	11034	2.517	ng/uL	0.00
4) Pyridine-d5	3.669	84	68759	5.329	ng/u1	0.01
7) Phenol-d5	6.875	99	189509	12.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	131783	13.958	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	148875	13.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	141170	11.760	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	71810	14.347	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	74102	13.733	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	127054	13.835	ng/u1	0.00
31) 4-Chloroaniline-d4	10.633	131	99718	6.538	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	415090	15.221	ng/u1	0.00
49) Acenaphthylene-d8	14.033	160	450285	14.437	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	55946	9.892	ng/u1	0.00
60) Fluorene-d10	15.345	176	363550	15.864	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	39874	8.520	ng/u1	0.00
73) Anthracene-d10	17.198	188	563515	16.352	ng/u1	0.00
81) Pyrene-d10	19.498	212	678782	15.821	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.397	264	694186	16.465	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.904	94	21095	1.352	ng/u1#	89
16) Acetophenone	8.528	105	55497	2.981	ng/u1	93
52) Acenaphthene	14.410	153	44220	1.850	ng/u1	99
56) Dibenzofuran	14.751	168	62122	1.954	ng/u1	95
61) Fluorene	15.398	166	73238	2.817	ng/u1	99
72) Phenanthrene	17.139	178	867872	21.220	ng/u1	99
74) Anthracene	17.233	178	258110	6.240	ng/u1	99
77) Carbazole	17.509	167	68191	1.754	ng/u1	97
80) Fluoranthene	19.162	202	893142	17.480	ng/u1	98
82) Pyrene	19.527	202	731472	13.751	ng/u1	98
85) Benzo(a)anthracene	21.280	228	446615	8.502	ng/u1	99
87) Chrysene	21.333	228	342368m	7.040	ng/u1	
90) Benzo(b)fluoranthene	22.868	252	376218	7.009	ng/u1	98
91) Benzo(k)fluoranthene	22.909	252	149393m	2.842	ng/u1	
93) Benzo(a)pyrene	23.444	252	283479	5.646	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	25.803	276	141097	2.506	ng/u1	95
96) Benzo(g,h,i)perylene	26.497	276	111294	2.477	ng/u1	97

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

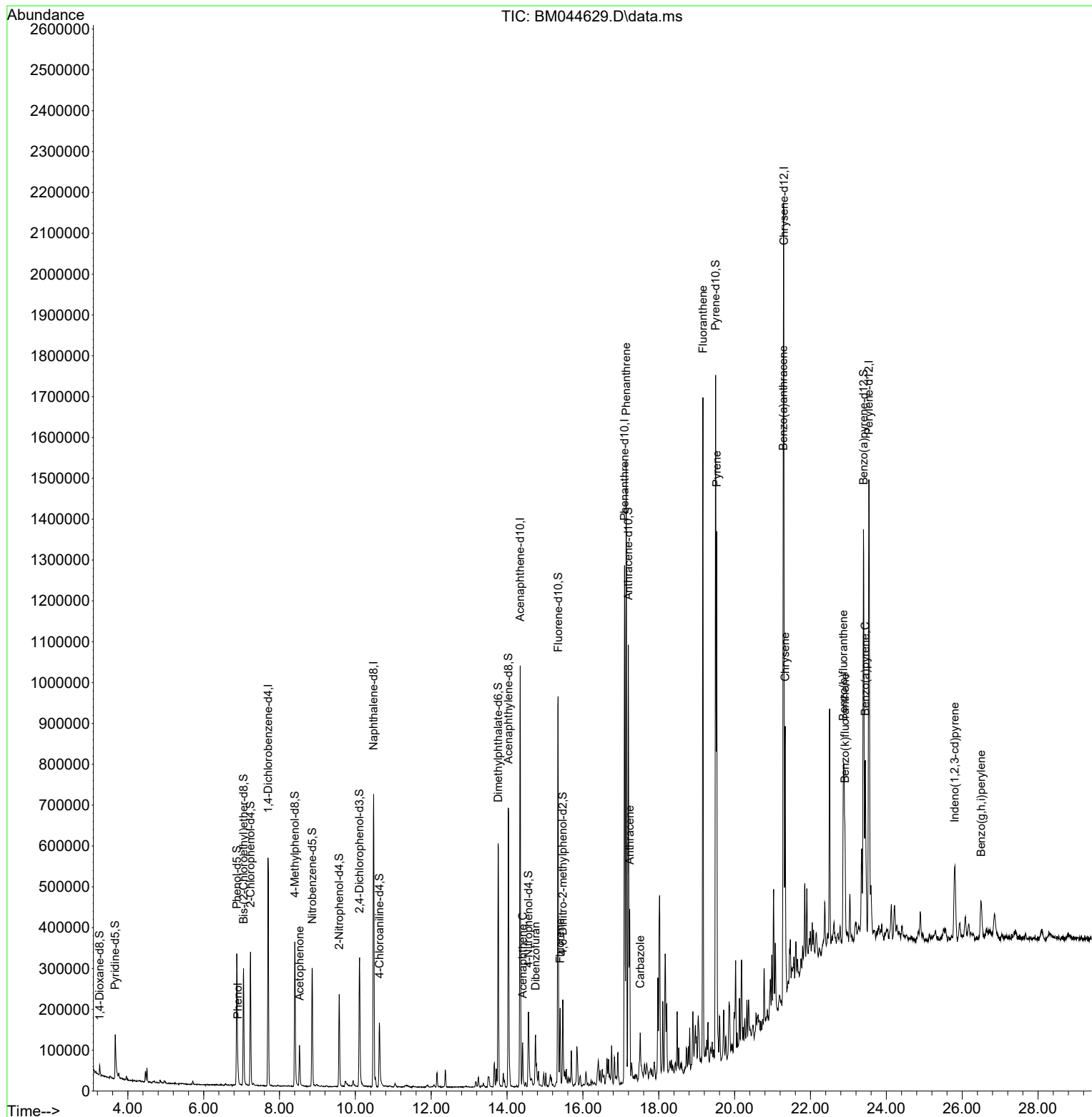
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
 Data File : BM044629.D
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 ALS Vial : 7 Sample Multiplier: 1

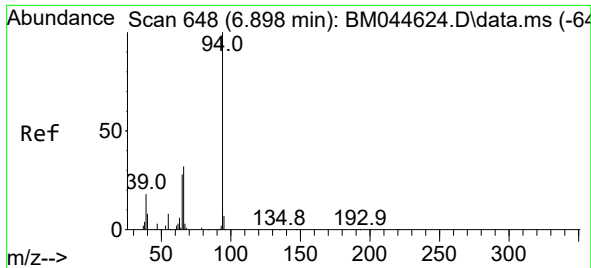
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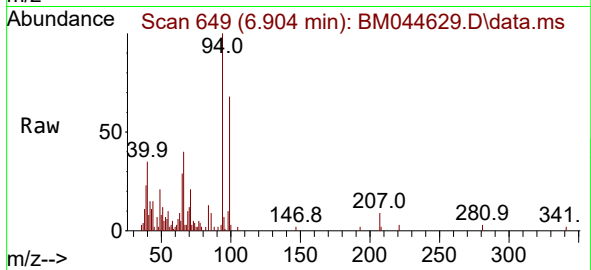
Quant Time: Mar 15 14:01:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
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#8
Phenol
Concen: 1.352 ng/ul
RT: 6.904 min Scan# 648
Delta R.T. 0.006 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

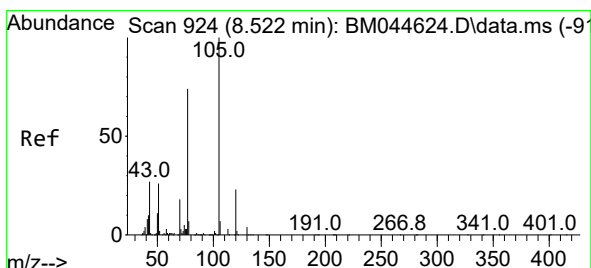
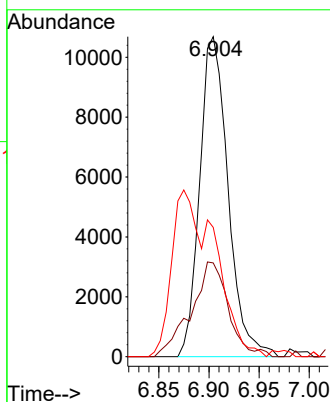
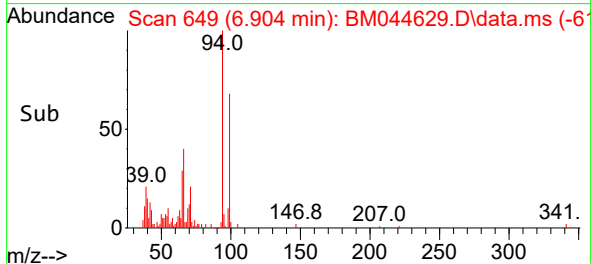
Instrument :
BNA_M
ClientSampleId :
E0731



Tgt Ion: 94 Resp: 2109
Ion Ratio Lower Upper
94 100
65 29.3 21.3 31.9
66 40.4 25.4 38.2

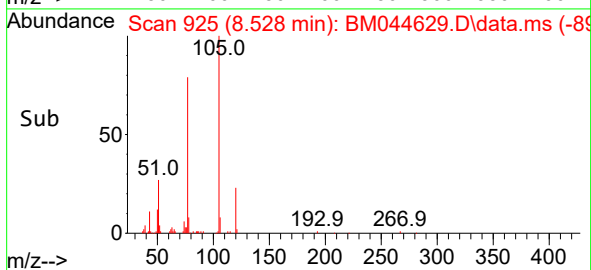
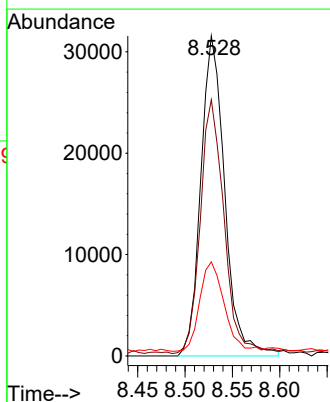
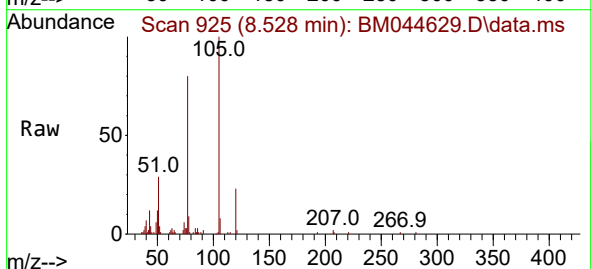
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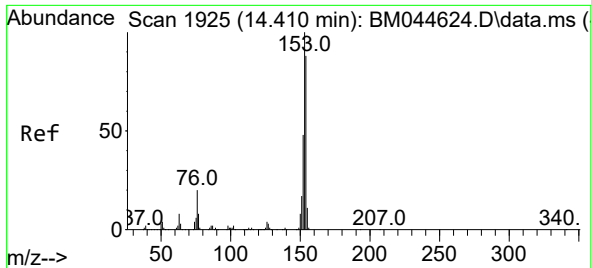
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024



#16
Acetophenone
Concen: 2.981 ng/ul
RT: 8.528 min Scan# 925
Delta R.T. 0.006 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

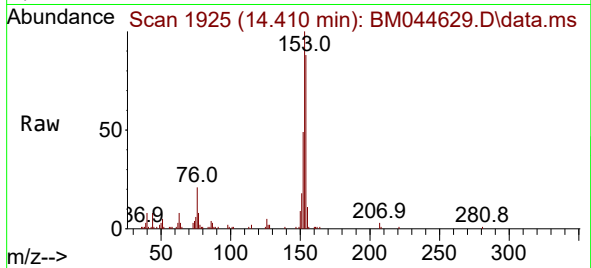
Tgt Ion:105 Resp: 55497
Ion Ratio Lower Upper
105 100
77 80.1 59.5 89.3
51 29.4 20.2 30.4





#52
Acenaphthene
Concen: 1.850 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

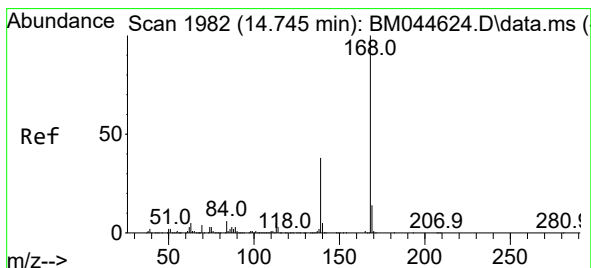
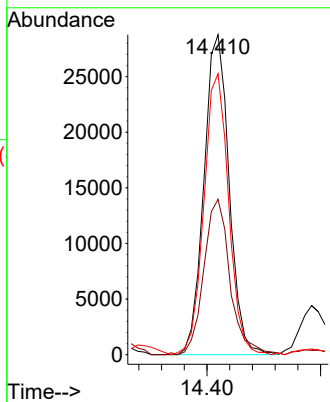
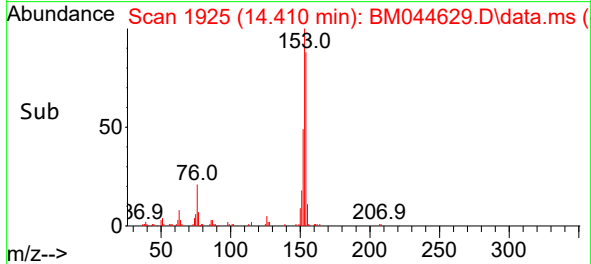
Instrument :
BNA_M
ClientSampleId :
E0731



Tgt Ion:153 Resp: 44220
Ion Ratio Lower Upper
153 100
152 48.5 38.2 57.2
154 87.8 70.3 105.5

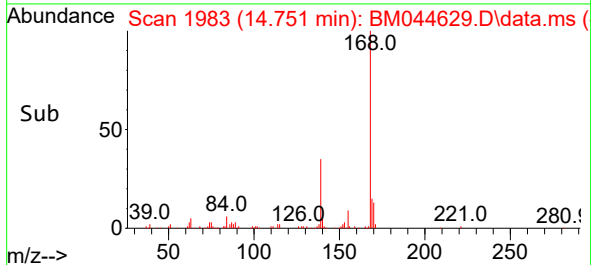
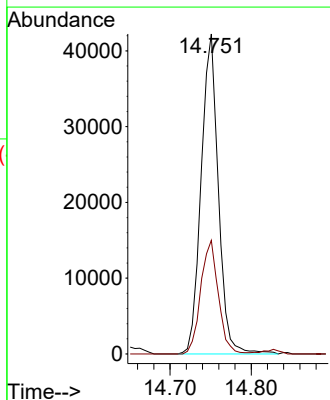
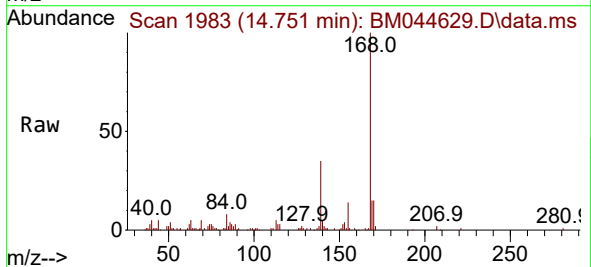
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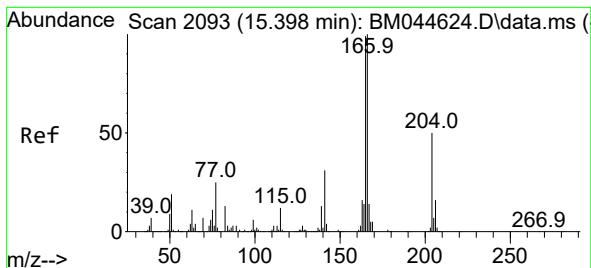
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024



#56
Dibenzofuran
Concen: 1.954 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

Tgt Ion:168 Resp: 62122
Ion Ratio Lower Upper
168 100
139 35.5 30.7 46.1





#61

Fluorene

Concen: 2.817 ng/ul

RT: 15.398 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM044629.D

Acq: 15 Mar 2024 12:47

Instrument :

BNA_M

ClientSampleId :

E0731

Tgt Ion:166 Resp: 73238

Ion Ratio Lower Upper

166 100

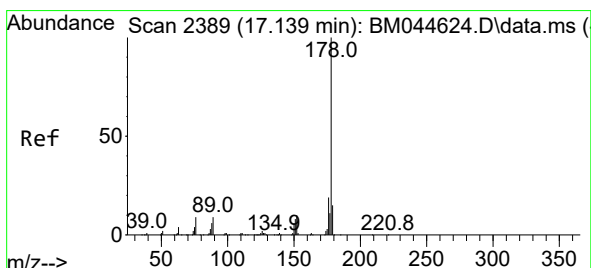
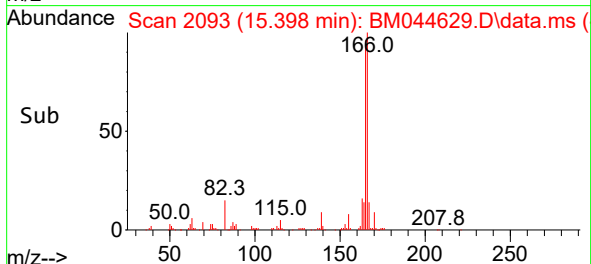
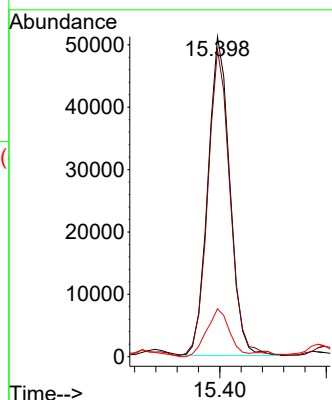
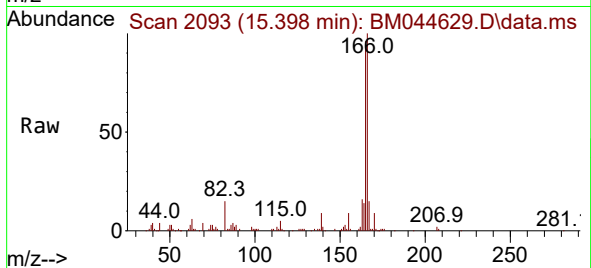
165 96.0 77.3 115.9

167 15.0 10.6 16.0

Manual Integrations

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Supervised By :mohammad ahmed 03/19/2024



#72

Phenanthrene

Concen: 21.220 ng/ul

RT: 17.139 min Scan# 2389

Delta R.T. -0.000 min

Lab File: BM044629.D

Acq: 15 Mar 2024 12:47

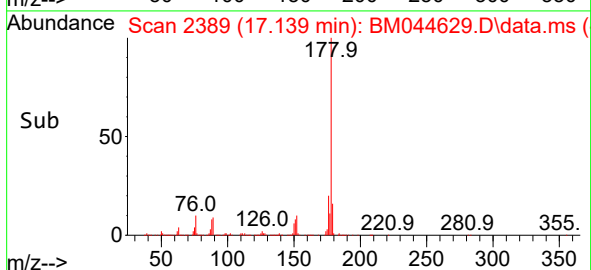
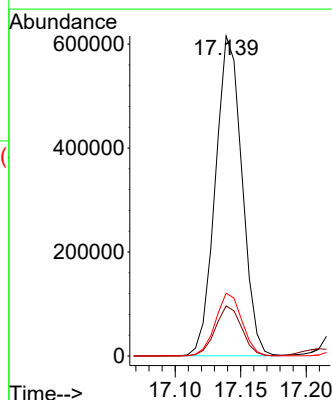
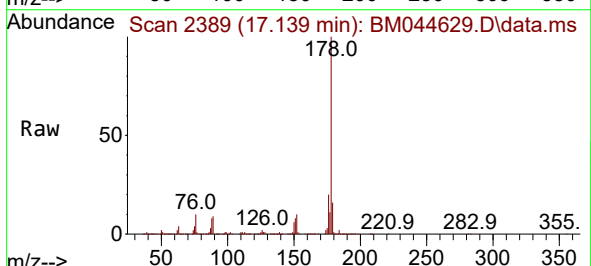
Tgt Ion:178 Resp: 867872

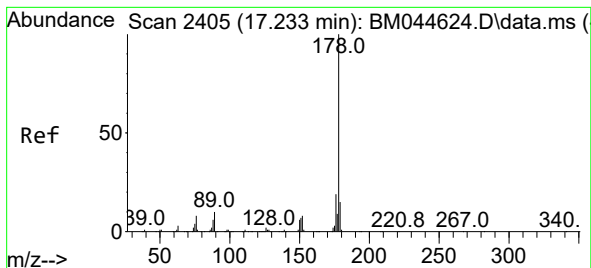
Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.6 15.4 23.2





#74

Anthracene

Concen: 6.240 ng/ul

RT: 17.233 min Scan# 2405

Delta R.T. -0.000 min

Lab File: BM044629.D

Acq: 15 Mar 2024 12:47

Instrument :

BNA_M

ClientSampleId :

E0731

Tgt Ion:178 Resp: 258110

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

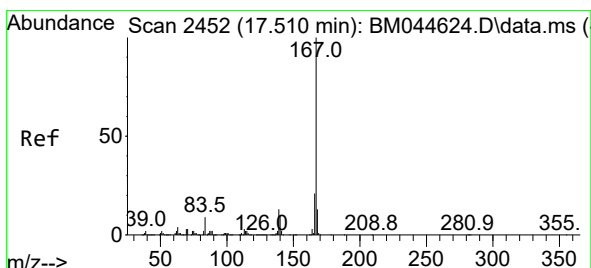
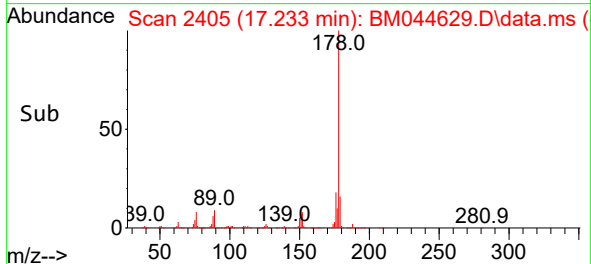
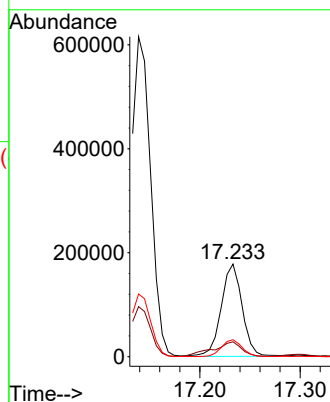
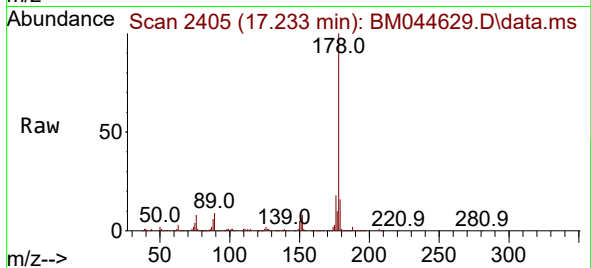
176 18.2 15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 03/19/2024



#77

Carbazole

Concen: 1.754 ng/ul

RT: 17.509 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BM044629.D

Acq: 15 Mar 2024 12:47

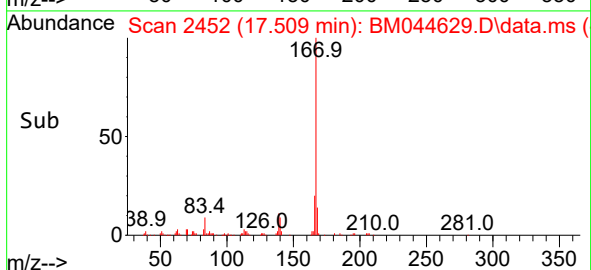
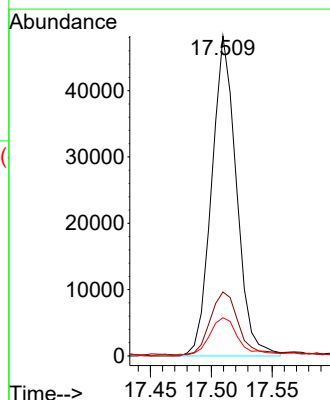
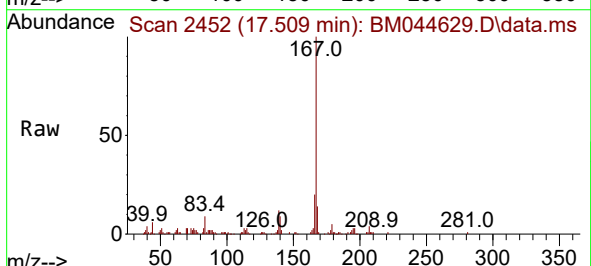
Tgt Ion:167 Resp: 68191

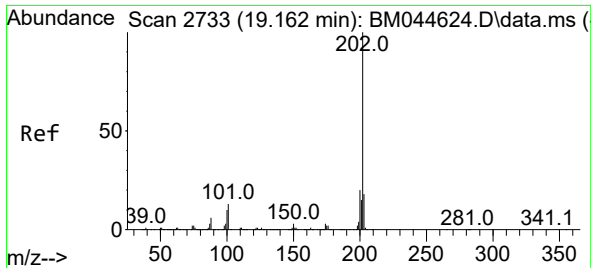
Ion Ratio Lower Upper

167 100

166 20.0 17.2 25.8

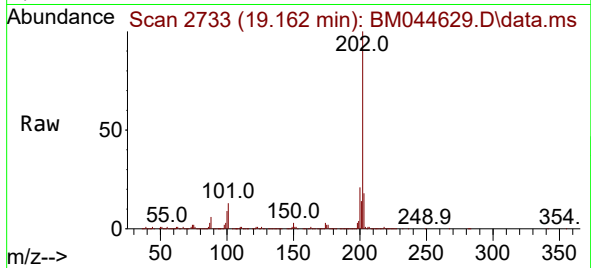
139 11.9 10.4 15.6





#80
Fluoranthene
Concen: 17.480 ng/ul
RT: 19.162 min Scan# 2733
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

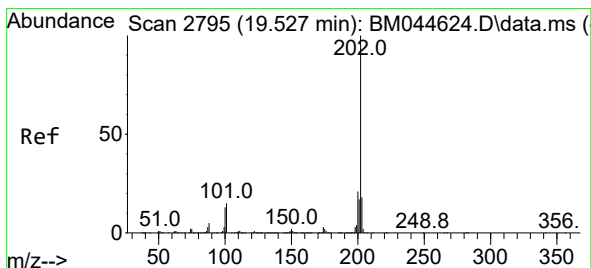
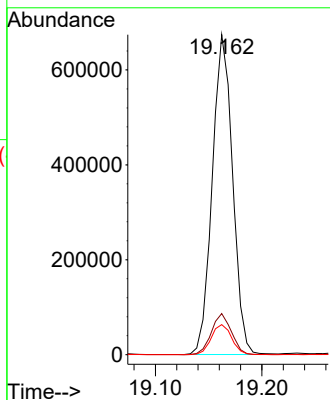
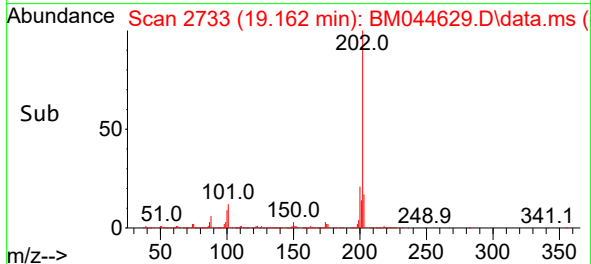
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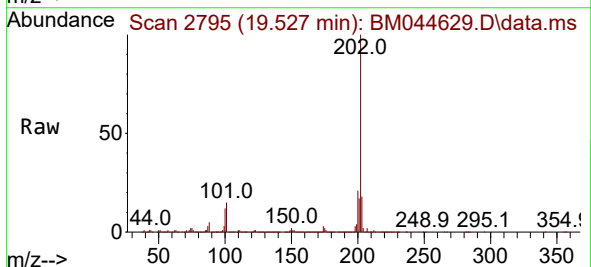
Tgt Ion:202 Resp: 893142
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 9.4 8.2 12.2

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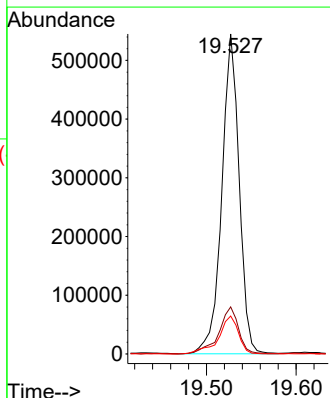
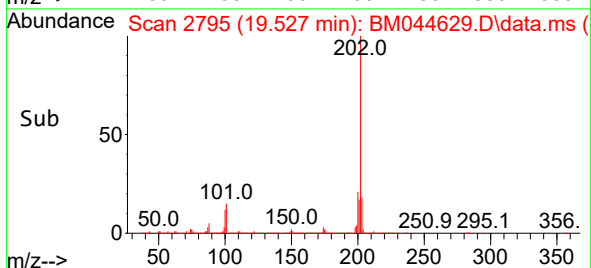
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024

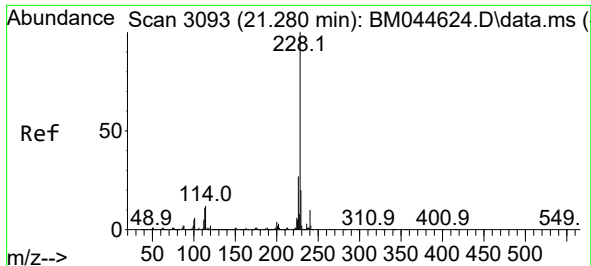


#82
Pyrene
Concen: 13.751 ng/ul
RT: 19.527 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47



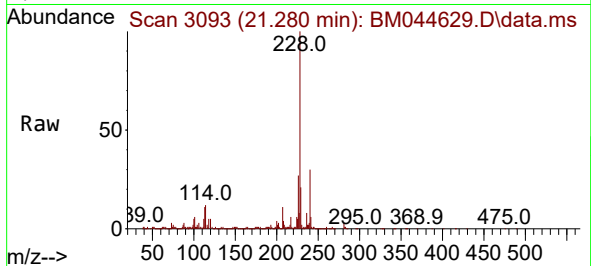
Tgt Ion:202 Resp: 731472
Ion Ratio Lower Upper
202 100
101 14.7 12.5 18.7
100 11.8 10.0 15.0





#85
Benzo(a)anthracene
Concen: 8.502 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

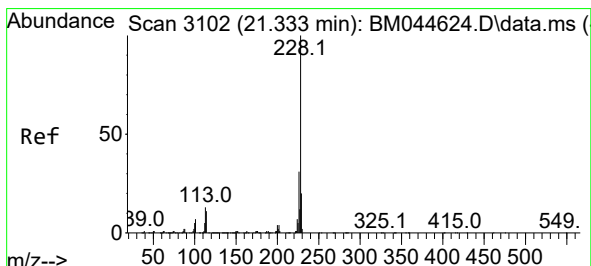
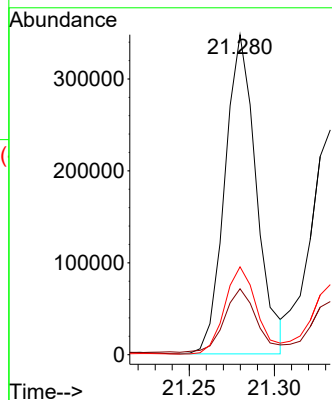
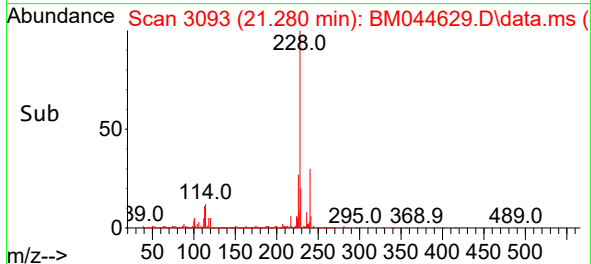
Instrument :
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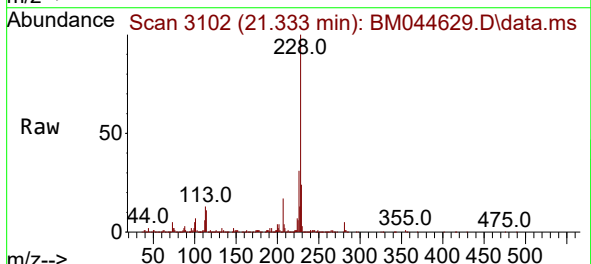
Tgt Ion:228 Resp: 446615
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 27.5 21.8 32.6

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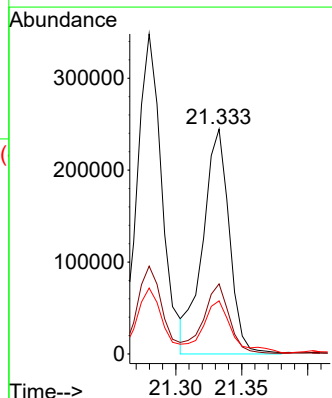
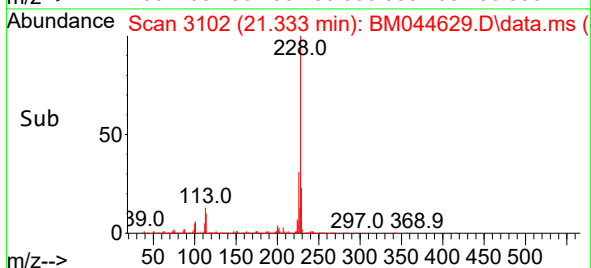
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024

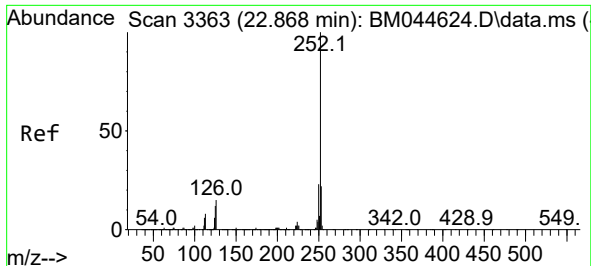


#87
Chrysene
Concen: 7.040 ng/ul m
RT: 21.333 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47



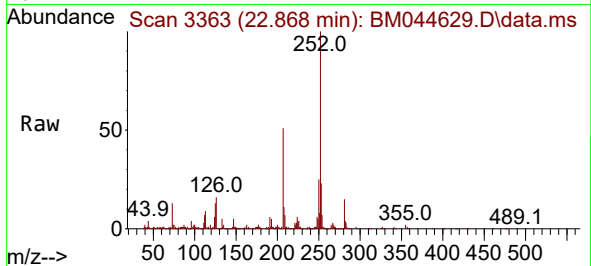
Tgt Ion:228 Resp: 342368
Ion Ratio Lower Upper
228 100
226 31.2 23.9 35.9
229 23.6 15.5 23.3#





#90
Benzo(b)fluoranthene
Concen: 7.009 ng/ul
RT: 22.868 min Scan# 3363
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

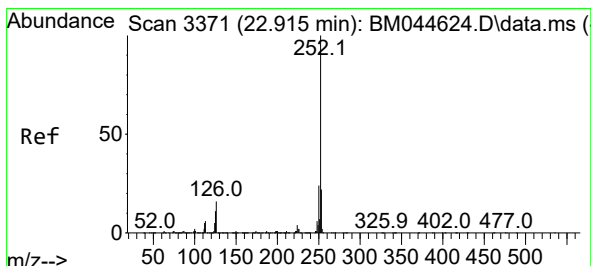
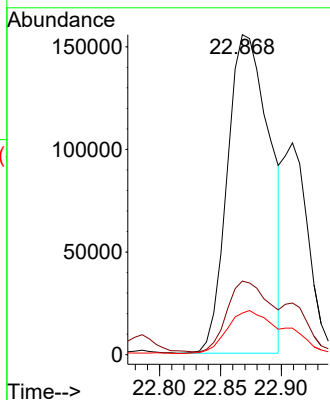
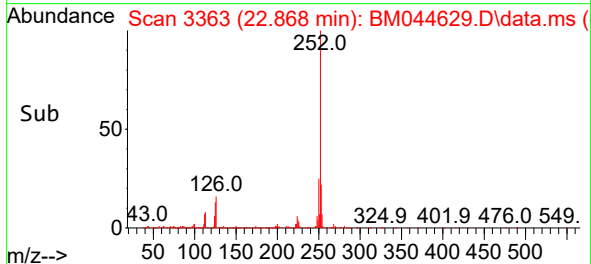
Instrument :
BNA_M
ClientSampleId :
E0731



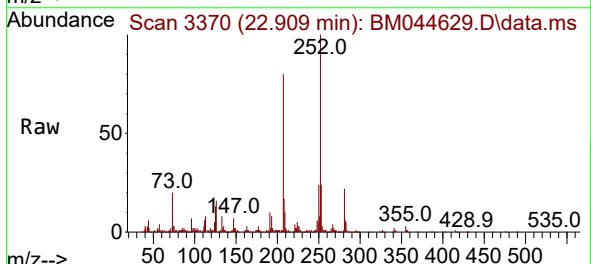
Tgt Ion:252 Resp: 376218
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 13.0 9.3 13.9

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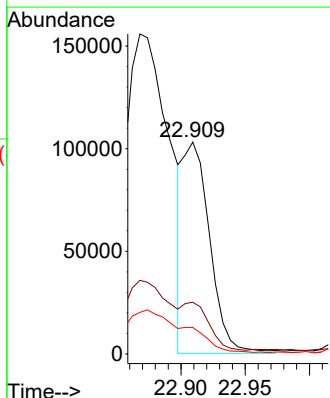
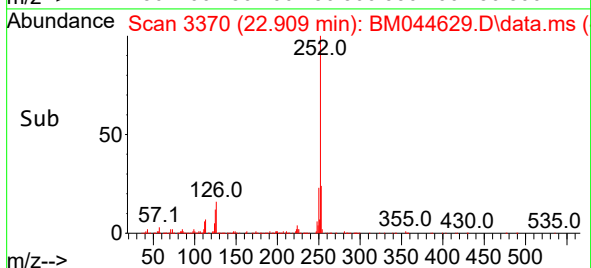
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024

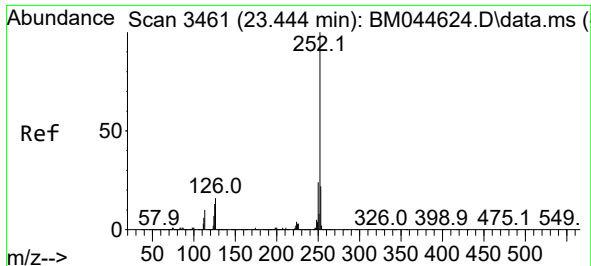


#91
Benzo(k)fluoranthene
Concen: 2.842 ng/ul m
RT: 22.909 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47



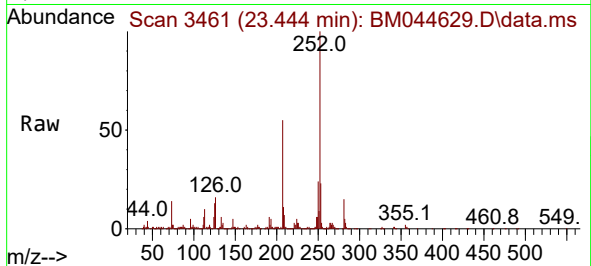
Tgt Ion:252 Resp: 149393
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 12.5 10.0 15.0





#93
Benzo(a)pyrene
Concen: 5.646 ng/ul
RT: 23.444 min Scan# 3461
Delta R.T. -0.000 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

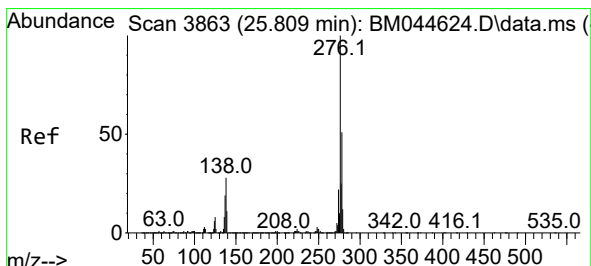
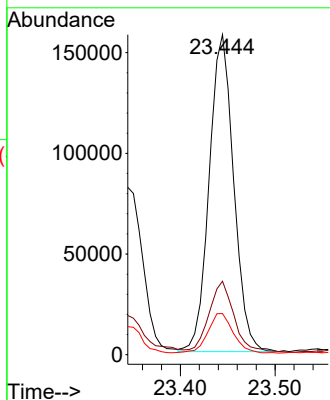
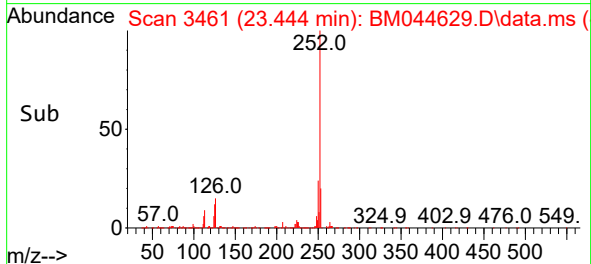
Instrument :
BNA_M
ClientSampleId :
E0731



Tgt Ion:252 Resp: 283479
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 12.8 10.9 16.3

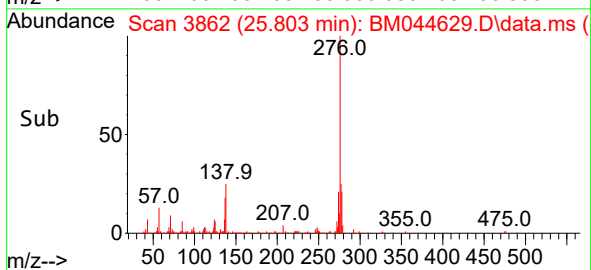
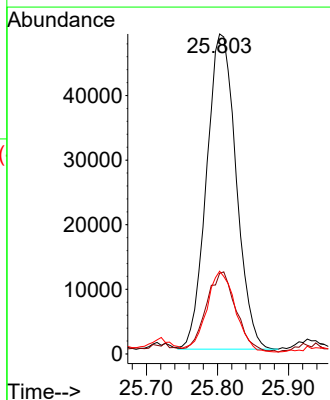
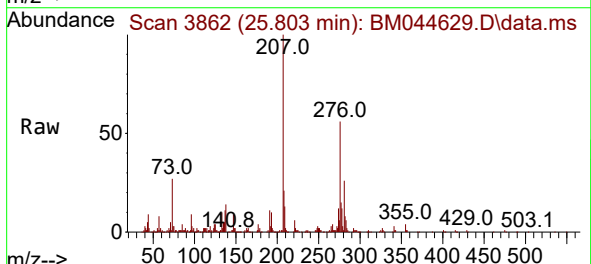
Manual Integrations
APPROVED

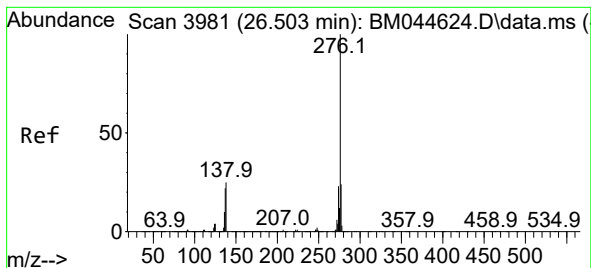
Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/19/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.506 ng/ul
RT: 25.803 min Scan# 3862
Delta R.T. -0.006 min
Lab File: BM044629.D
Acq: 15 Mar 2024 12:47

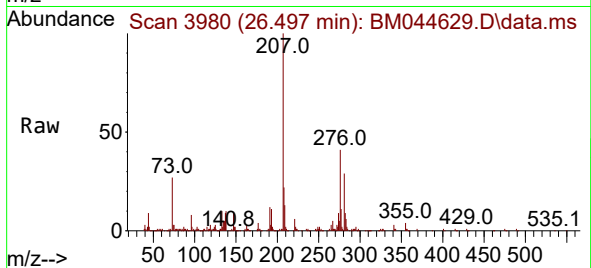
Tgt Ion:276 Resp: 141097
Ion Ratio Lower Upper
276 100
138 25.2 23.1 34.7
277 25.8 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.477 ng/ul
 RT: 26.497 min Scan# 3980
 Delta R.T. -0.006 min
 Lab File: BM044629.D
 Acq: 15 Mar 2024 12:47

Instrument :
 BNA_M
 ClientSampleId :
 E0731



Tgt Ion: 276 Resp: 111294
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.8 31.2
 277 26.3 19.0 28.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/19/2024

