

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048016.D
 Acq On : 11 Oct 2024 18:36
 Operator : RC/JU
 Sample : P4237-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F21

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 00:40:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	97631	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	395131	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	246760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	530987	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	509902	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	596574	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	6607	2.187	ng/uL	0.00
4) Pyridine-d5	3.670	84	16832	1.903	ng/u1	0.01
7) Phenol-d5	6.952	99	169318	18.340	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	97888	14.942	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	137543	20.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	111664	16.268	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	63098	20.056	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	68305	22.656	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	136583	22.678	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	18820m	2.021	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	403867	22.575	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	476675	22.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	58882	16.531	ng/u1	0.00
60) Fluorene-d10	15.410	176	373655	24.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	41181	13.253	ng/u1	0.00
73) Anthracene-d10	17.251	188	585544	22.427	ng/u1	-0.01
81) Pyrene-d10	19.545	212	677017	23.394	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	541854	17.506	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.981	94	20811	2.119	ng/u1	89
16) Acetophenone	8.604	105	36927	3.144	ng/u1	98
50) Acenaphthylene	14.139	152	78190	3.269	ng/u1	99
52) Acenaphthene	14.481	153	21131	1.250	ng/u1	90
61) Fluorene	15.463	166	25941	1.366	ng/u1	99
72) Phenanthrene	17.198	178	714838	22.956	ng/u1	99
74) Anthracene	17.286	178	150882	4.751	ng/u1	99
77) Carbazole	17.557	167	96119	3.339	ng/u1	99
80) Fluoranthene	19.210	202	2173188	63.761	ng/u1	100
82) Pyrene	19.574	202	1699496	44.800	ng/u1	96
85) Benzo(a)anthracene	21.363	228	922507	25.839	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	370158	18.383	ng/u1#	98
87) Chrysene	21.421	228	1187501	34.119	ng/u1	97
90) Benzo(b)fluoranthene	23.427	252	1825896	49.078	ng/u1	98
91) Benzo(k)fluoranthene	23.486	252	596030m	15.668	ng/u1	
93) Benzo(a)pyrene	24.227	252	670120	18.966	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.739	276	730340	16.129	ng/u1	97
95) Dibenzo(a,h)anthracene	27.780	278	224475	6.049	ng/u1#	91
96) Benzo(g,h,i)perylene	28.791	276	105447m	2.972	ng/u1	

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

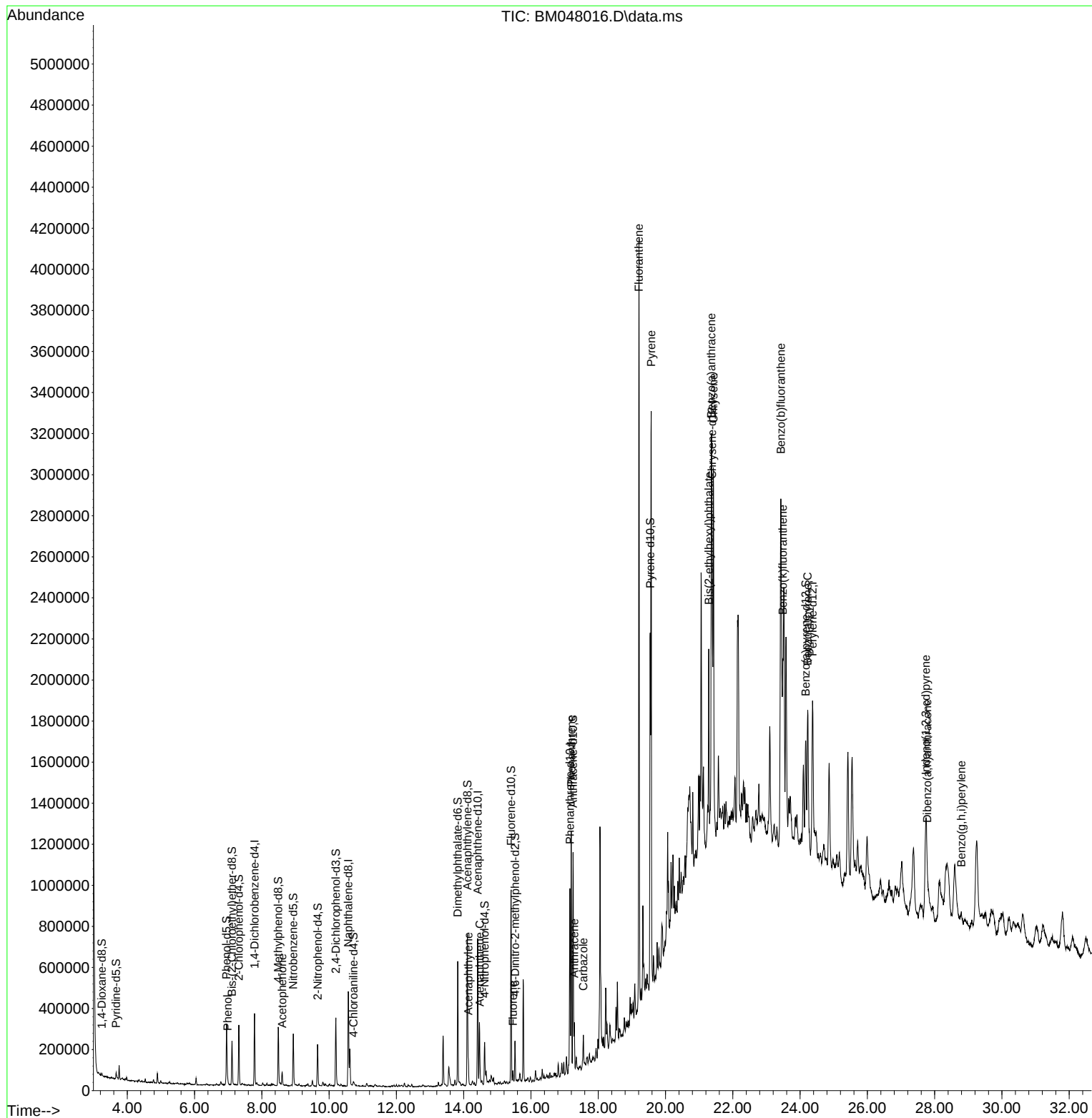
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048016.D
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ALS Vial : 7 Sample Multiplier: 1

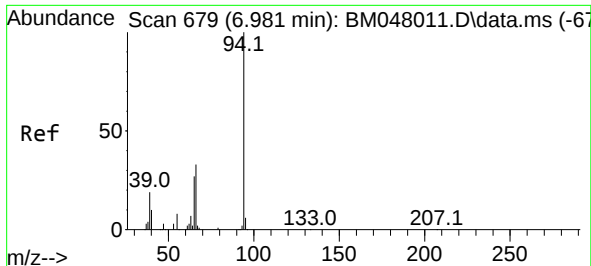
Instrument :
BNA_M
ClientSampleId :
A4F21

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Quant Title : SVOA CALIBRATION
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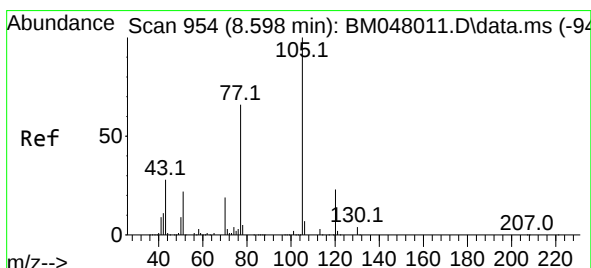
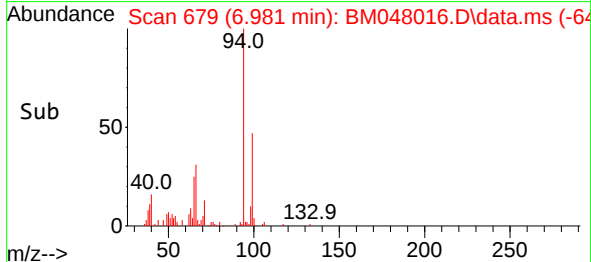
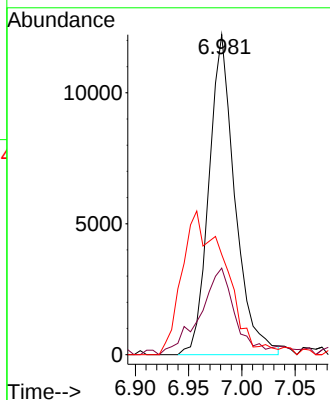
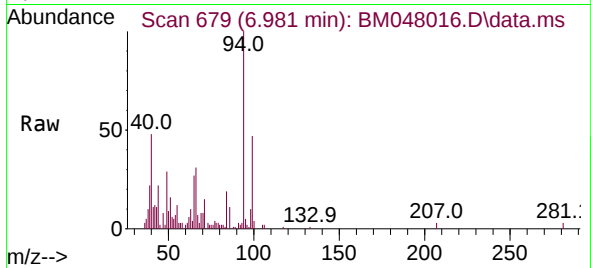
#8
Phenol
Concen: 2.119 ng/ul
RT: 6.981 min Scan# 611
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Instrument :
BNA_M
ClientSampleId :
A4F21

Tgt Ion: 94 Resp: 2081
Ion Ratio Lower Upper
94 100
65 27.0 26.3 39.5
66 31.3 30.5 45.7

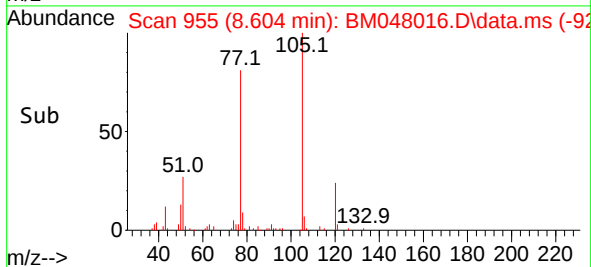
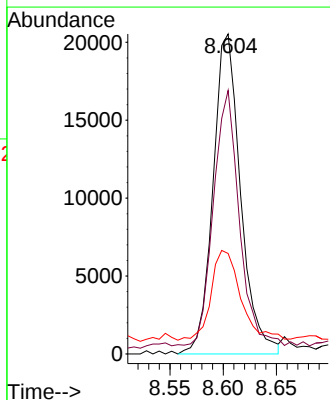
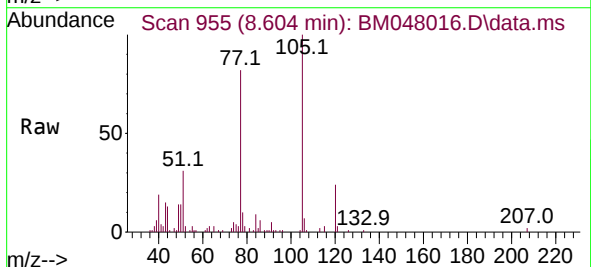
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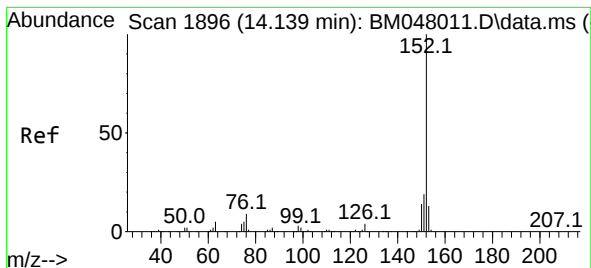
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#16
Acetophenone
Concen: 3.144 ng/ul
RT: 8.604 min Scan# 955
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

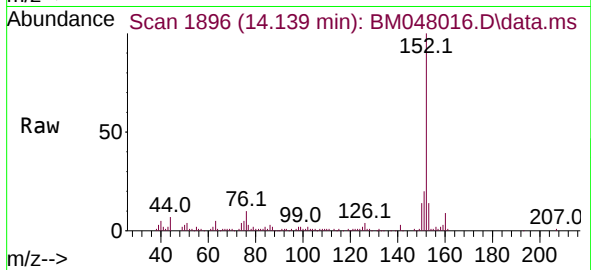
Tgt Ion:105 Resp: 36927
Ion Ratio Lower Upper
105 100
77 82.4 66.6 100.0
51 31.4 27.0 40.4





#50
Acenaphthylene
Concen: 3.269 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

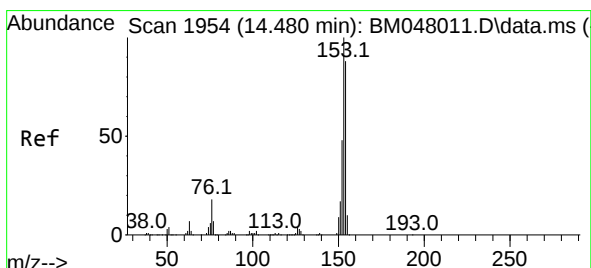
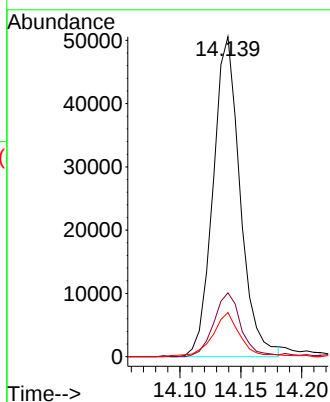
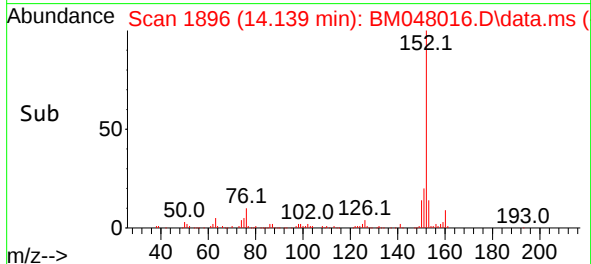
Instrument :
BNA_M
ClientSampleId :
A4F21



Tgt Ion:152 Resp: 78190
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.8 10.7 16.1

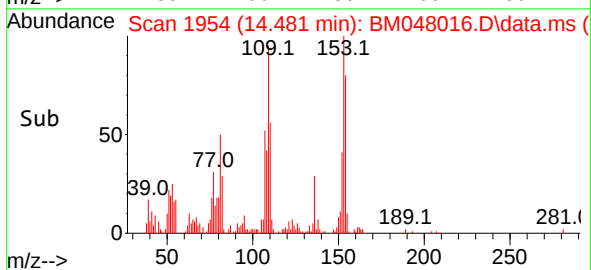
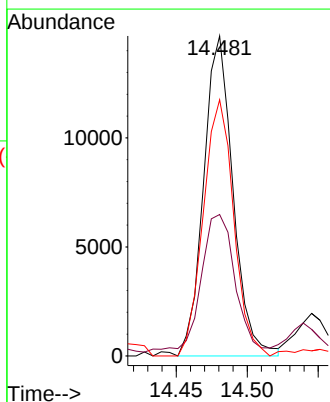
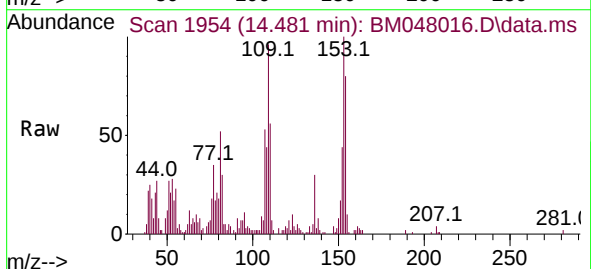
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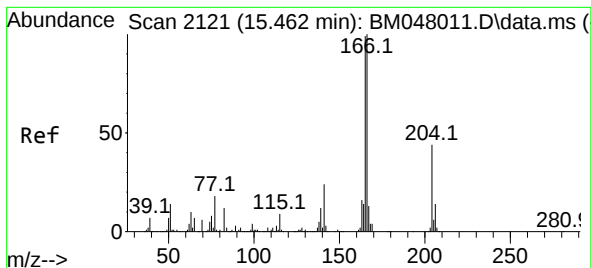
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#52
Acenaphthene
Concen: 1.250 ng/ul
RT: 14.481 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:153 Resp: 21131
Ion Ratio Lower Upper
153 100
152 44.2 39.7 59.5
154 80.0 72.6 108.8





#61

Fluorene

Concen: 1.366 ng/ul

RT: 15.463 min Scan# 2121

Delta R.T. -0.005 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

Instrument :

BNA_M

ClientSampleId :

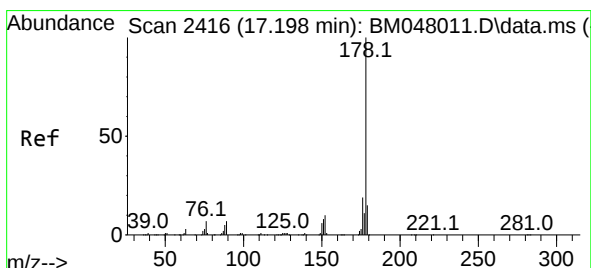
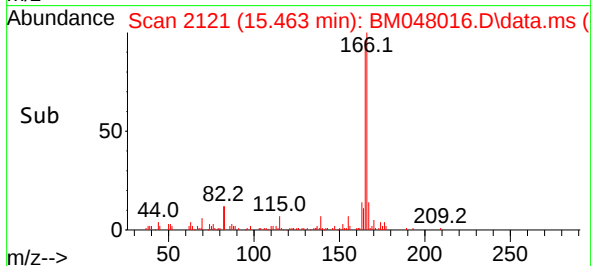
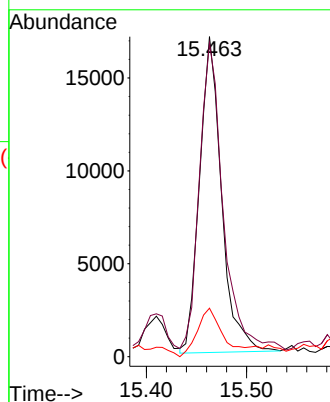
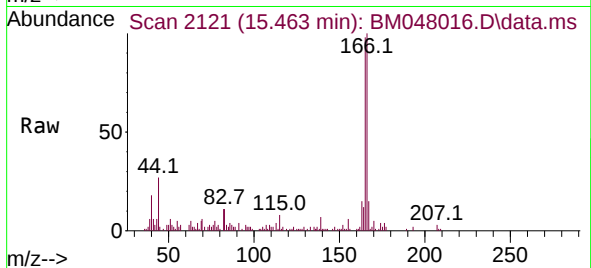
A4F21

Tgt Ion:166	Resp:	2594
Ion Ratio	Lower	Upper
166	100	
165	98.0	77.8 116.6
167	15.2	10.8 16.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#72

Phenanthrene

Concen: 22.956 ng/ul

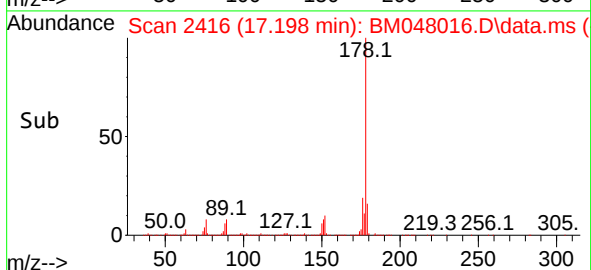
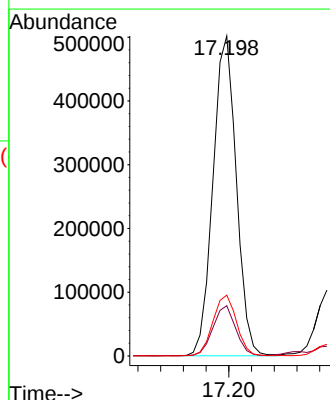
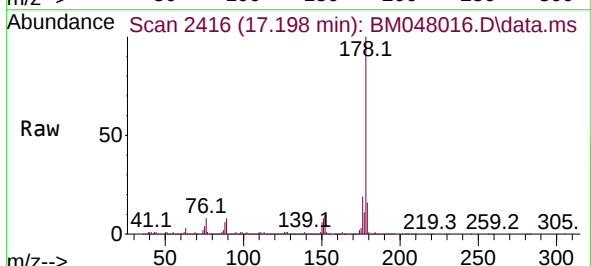
RT: 17.198 min Scan# 2416

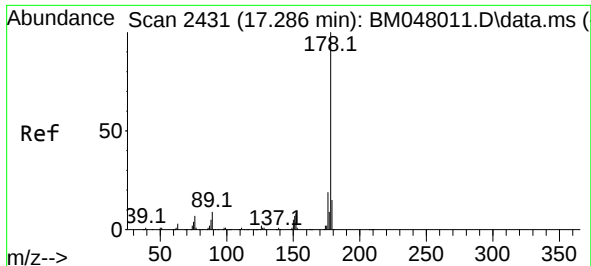
Delta R.T. -0.005 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

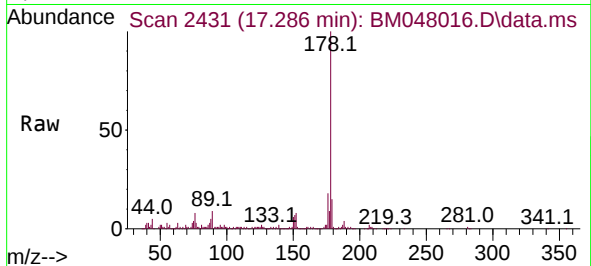
Tgt Ion:178	Resp:	714838
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.0 18.0
176	19.0	15.4 23.0





#74
 Anthracene
 Concen: 4.751 ng/ul
 RT: 17.286 min Scan# 2431
 Delta R.T. -0.005 min
 Lab File: BM048016.D
 Acq: 11 Oct 2024 18:36

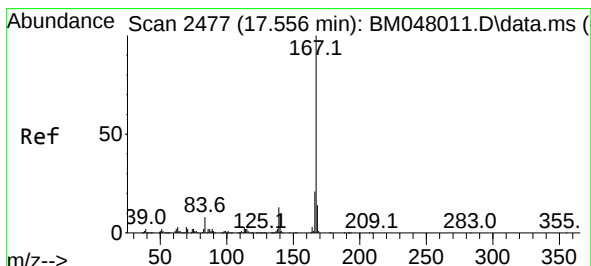
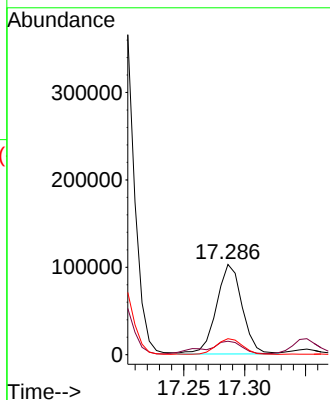
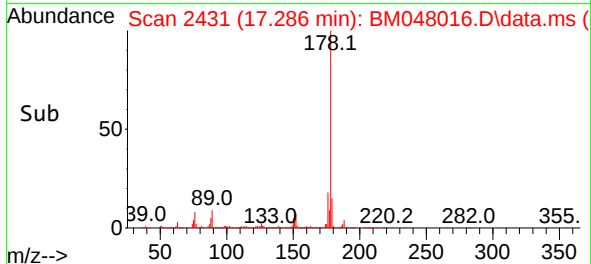
Instrument :
 BNA_M
 ClientSampleId :
 A4F21



Tgt Ion:178 Resp: 15088
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.4 18.6
 176 17.8 14.7 22.1

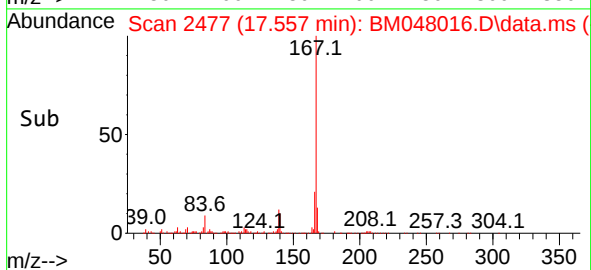
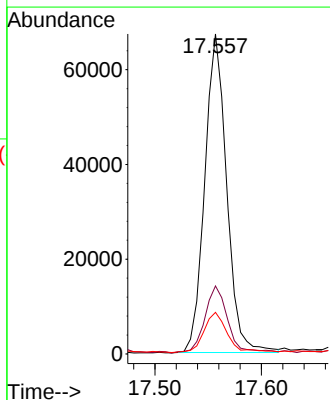
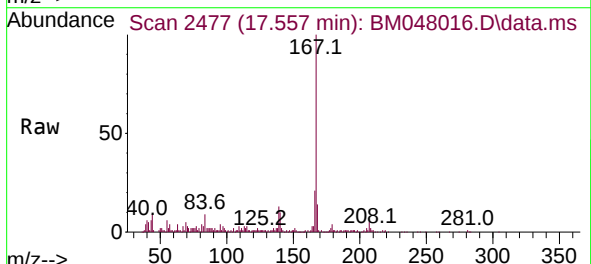
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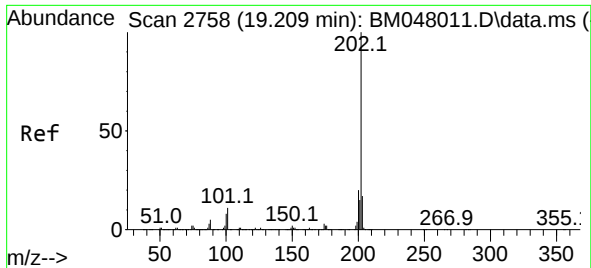
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#77
 Carbazole
 Concen: 3.339 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.005 min
 Lab File: BM048016.D
 Acq: 11 Oct 2024 18:36

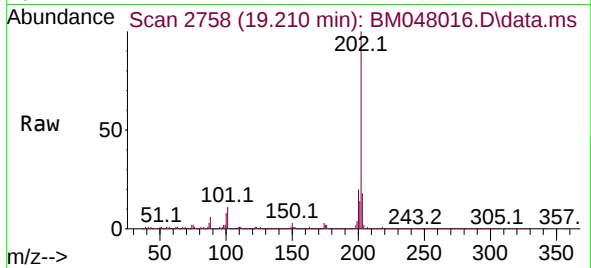
Tgt Ion:167 Resp: 96119
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.0 10.9 16.3





#80
Fluoranthene
Concen: 63.761 ng/ul
RT: 19.210 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

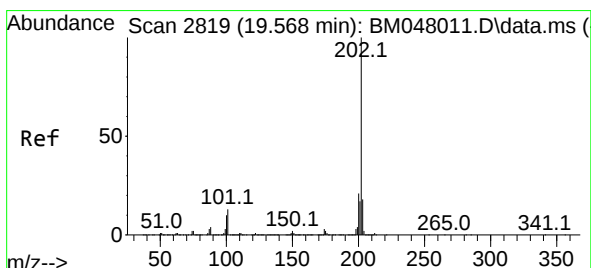
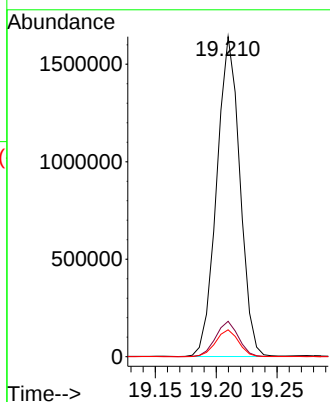
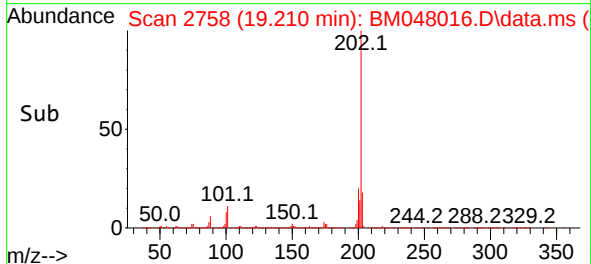
Instrument :
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A4F21



Tgt Ion:202 Resp: 217318
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.4
100 8.4 6.8 10.2

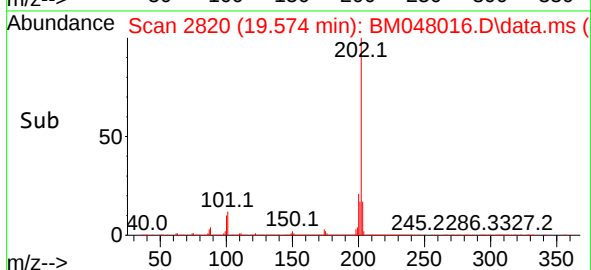
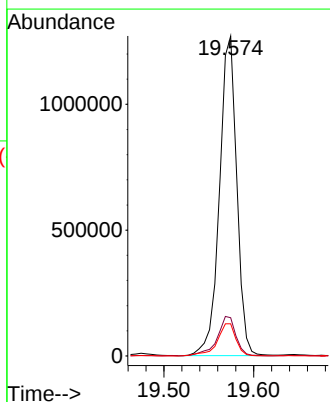
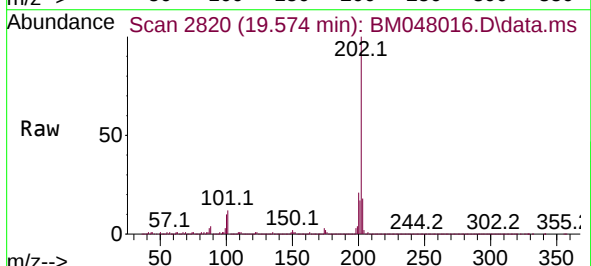
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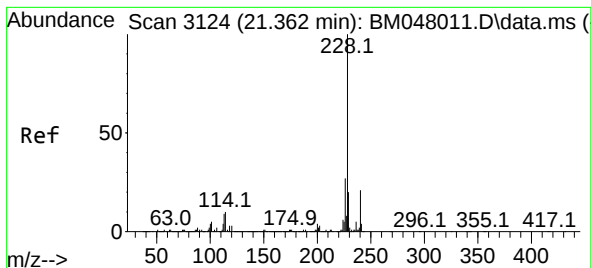
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#82
Pyrene
Concen: 44.800 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

Tgt Ion:202 Resp: 1699496
Ion Ratio Lower Upper
202 100
101 11.9 10.9 16.3
100 10.0 9.4 14.2





#85

Benzo(a)anthracene

Concen: 25.839 ng/ul

RT: 21.363 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

Instrument :

BNA_M

ClientSampleId :

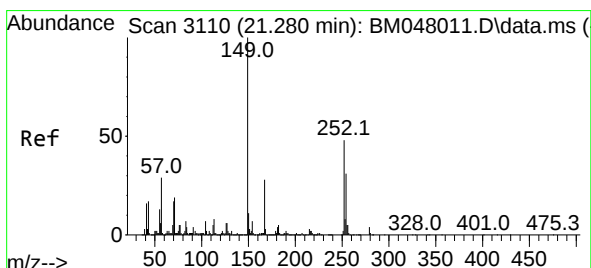
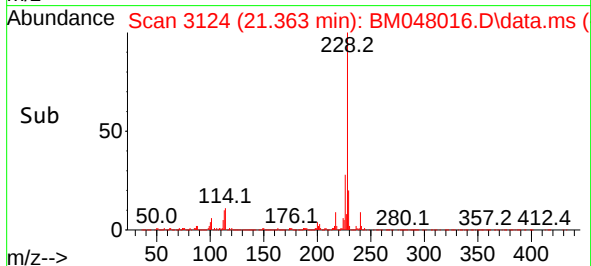
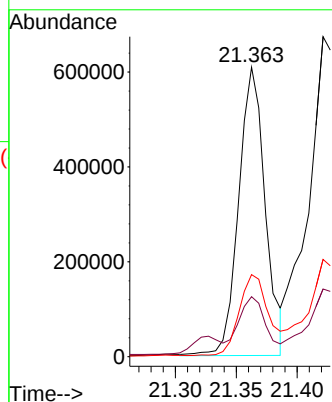
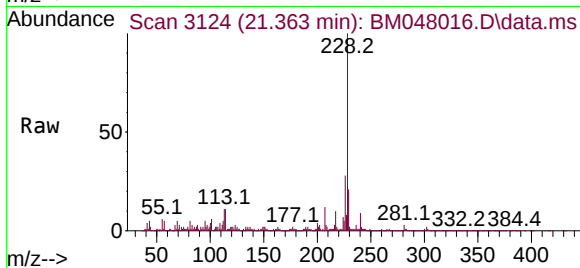
A4F21

Tgt Ion:	228	Resp:	92250
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	28.4	21.9	32.9

Manual Integrations

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Supervised By :mohammad ahmed 10/15/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.383 ng/ul

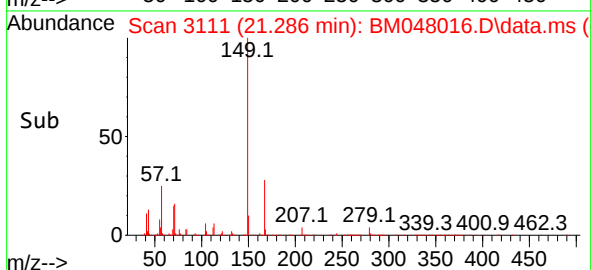
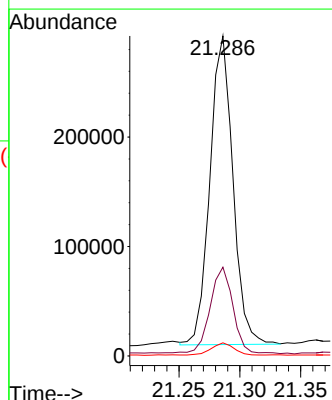
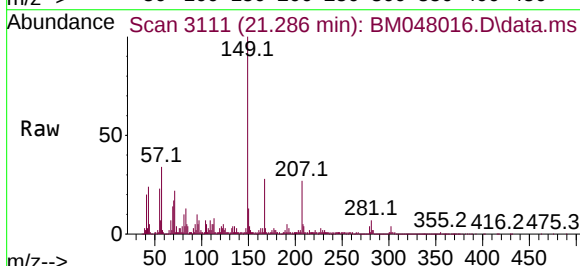
RT: 21.286 min Scan# 3111

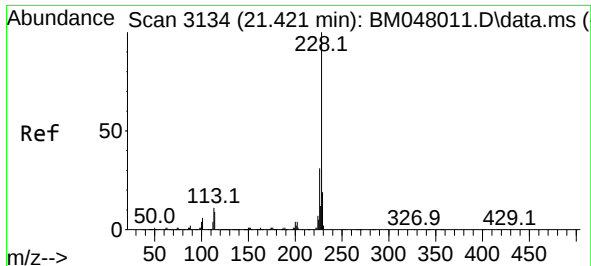
Delta R.T. 0.000 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

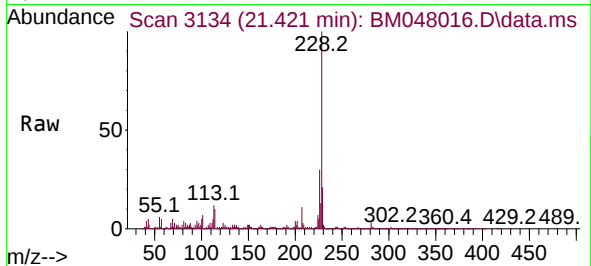
Tgt Ion:	149	Resp:	370158
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.3	31.9
279	4.1	2.7	4.1#





#87
Chrysene
Concen: 34.119 ng/ul
RT: 21.421 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36

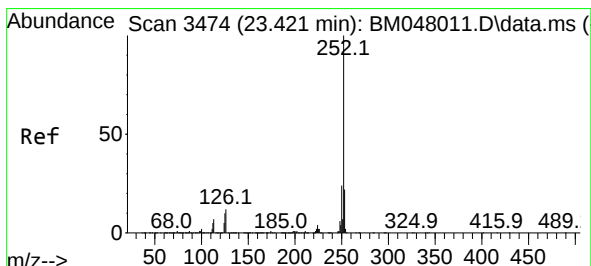
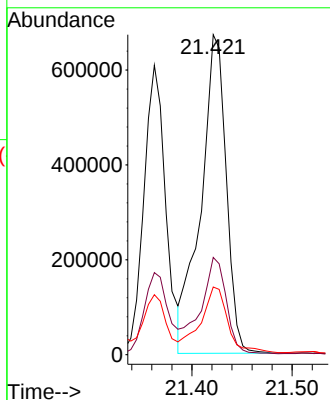
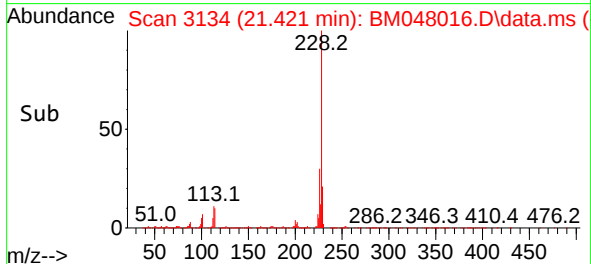
Instrument :
BNA_M
ClientSampleId :
A4F21



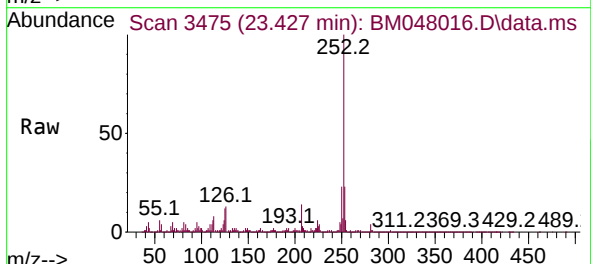
Tgt Ion:228 Resp: 118750
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.1 15.3 22.9

Manual Integrations
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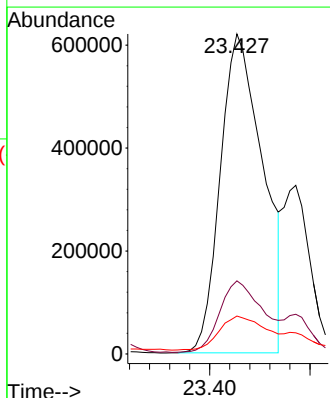
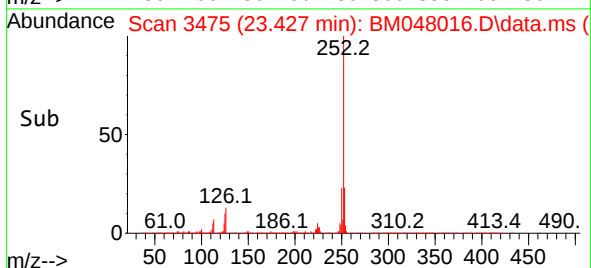
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

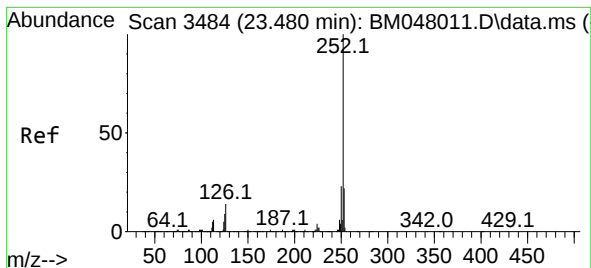


#90
Benzo(b)fluoranthene
Concen: 49.078 ng/ul
RT: 23.427 min Scan# 3475
Delta R.T. 0.000 min
Lab File: BM048016.D
Acq: 11 Oct 2024 18:36



Tgt Ion:252 Resp: 1825896
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 11.9 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 15.668 ng/ul m

RT: 23.486 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

Instrument :

BNA_M

ClientSampleId :

A4F21

Tgt Ion:252 Resp: 596030

Ion Ratio Lower Upper

252 100

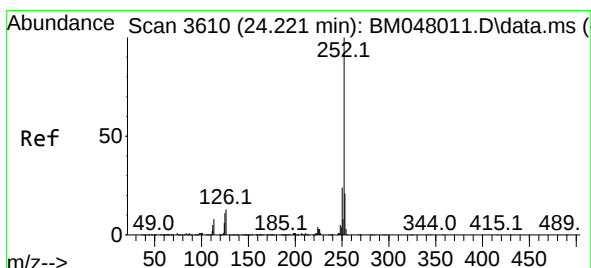
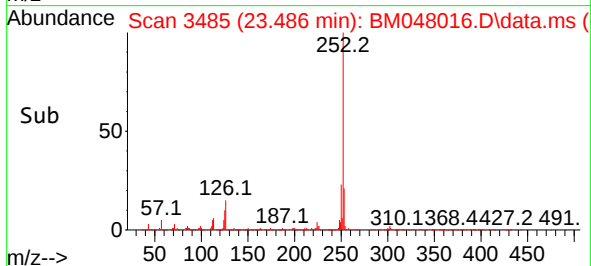
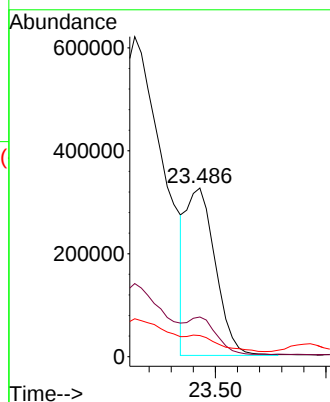
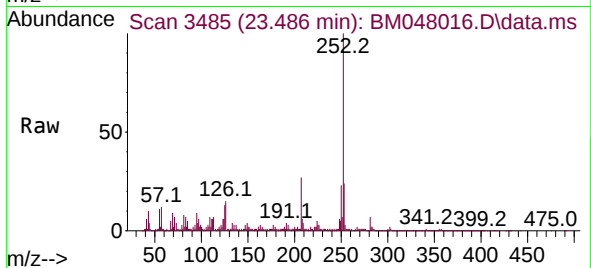
253 23.5 17.5 26.3

125 12.6 8.9 13.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#93

Benzo(a)pyrene

Concen: 18.966 ng/ul

RT: 24.227 min Scan# 3611

Delta R.T. -0.005 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

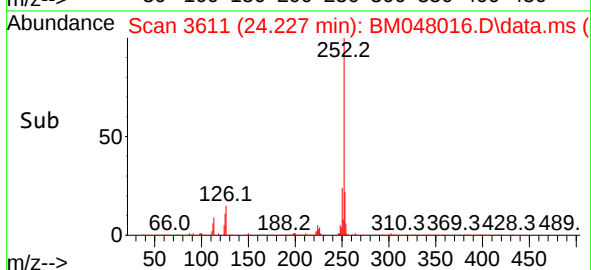
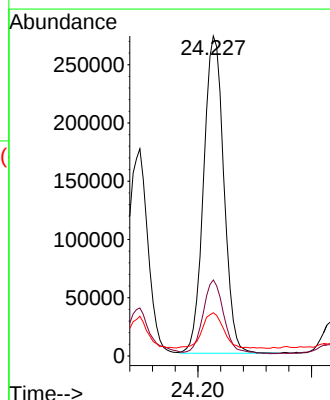
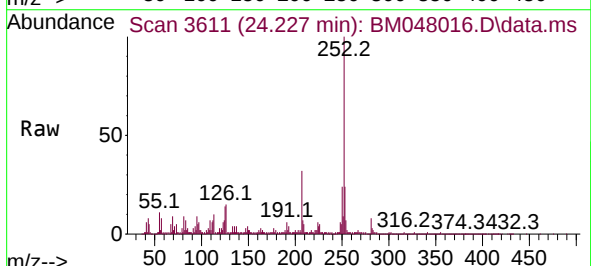
Tgt Ion:252 Resp: 670120

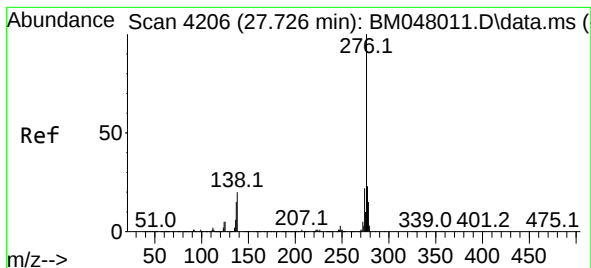
Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 13.5 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 16.129 ng/ul

RT: 27.739 min Scan# 4208

Delta R.T. -0.005 min

Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

Instrument :

BNA_M

ClientSampleId :

A4F21

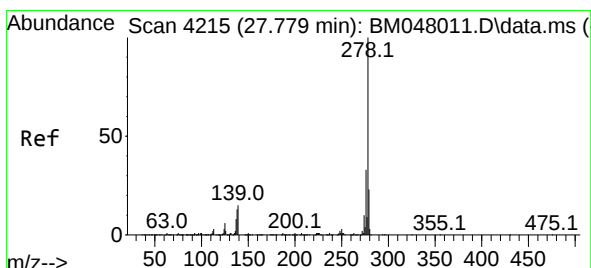
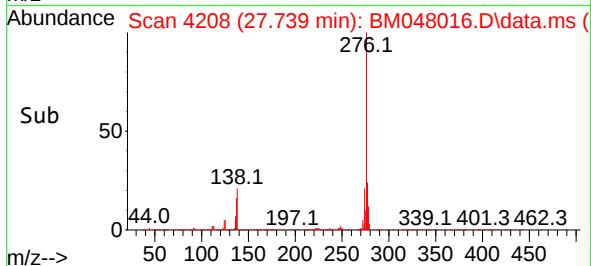
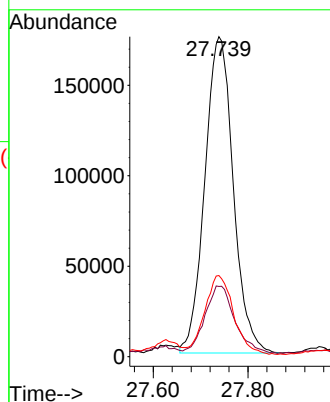
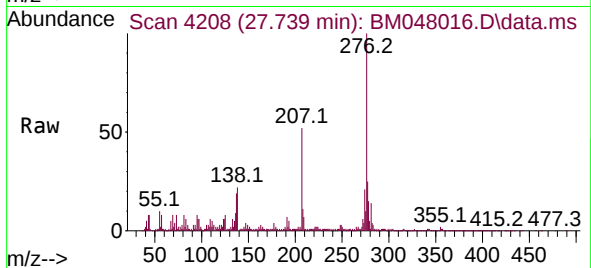
Tgt Ion:276 Resp: 730340

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.9	25.3
277	25.4	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#95

Dibenzo(a,h)anthracene

Concen: 6.049 ng/ul

RT: 27.780 min Scan# 4215

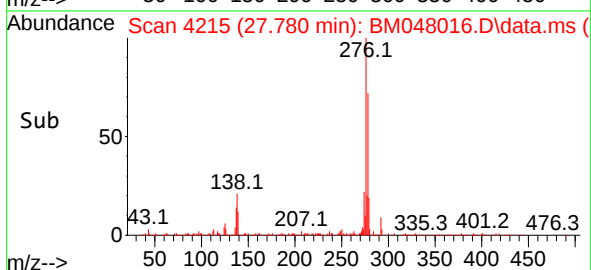
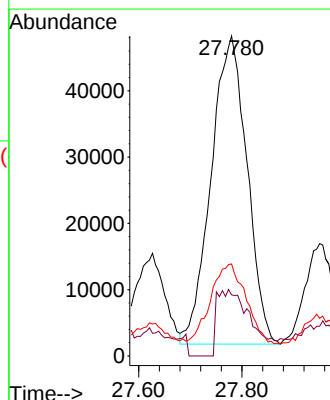
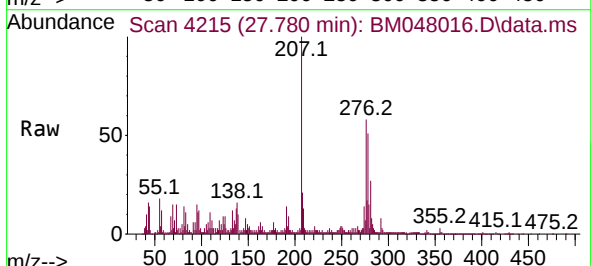
Delta R.T. -0.017 min

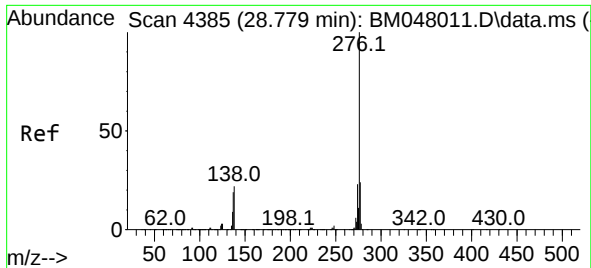
Lab File: BM048016.D

Acq: 11 Oct 2024 18:36

Tgt Ion:278 Resp: 224475

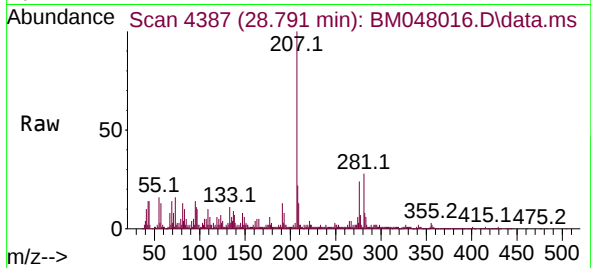
Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.4	20.2
279	28.8	18.4	27.6





#96
 Benzo(g,h,i)perylene
 Concen: 2.972 ng/ul m
 RT: 28.791 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM048016.D
 Acq: 11 Oct 2024 18:36

Instrument :
 BNA_M
 ClientSampleId :
 A4F21



Tgt Ion:276 Resp: 10544
 Ion Ratio Lower Upper
 276 100
 138 31.0 18.7 28.1
 277 28.0 18.3 27.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

