

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048015.D
 Acq On : 11 Oct 2024 17:56
 Operator : RC/JU
 Sample : P4237-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F09

Manual Integrations
 APPROVED

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

Quant Time: Oct 12 01:04:25 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	153858	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	603595	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	362395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	817778	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	937934	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	1119242	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	10926	2.295	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.951	99	167970	11.545	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	109206	10.578	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	142805	13.491	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	120940	11.181	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	61161	12.726	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	62589	13.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	122068	13.268	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	19662m	1.382	ng/u1	0.01
46) Dimethylphthalate-d6	13.821	166	351799	13.390	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	425780	13.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.621	143	45075	8.617	ng/u1	0.00
60) Fluorene-d10	15.404	176	339491	14.918	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.521	200	39952	8.348	ng/u1	-0.01
73) Anthracene-d10	17.251	188	557664	13.868	ng/u1	-0.01
81) Pyrene-d10	19.539	212	694071	13.039	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	598726	10.310	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.604	105	31535	1.704	ng/u1	94
50) Acenaphthylene	14.139	152	40039	1.140	ng/u1	97
72) Phenanthrene	17.198	178	443514	9.248	ng/u1	100
74) Anthracene	17.286	178	84881	1.735	ng/u1	99
77) Carbazole	17.557	167	57182	1.290	ng/u1	98
80) Fluoranthene	19.209	202	1486278	23.707	ng/u1	98
82) Pyrene	19.568	202	1116905	16.006	ng/u1	98
85) Benzo(a)anthracene	21.362	228	680351	10.360	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	228121m	6.159	ng/u1	
87) Chrysene	21.421	228	885865	13.837	ng/u1	97
90) Benzo(b)fluoranthene	23.427	252	1343805	19.253	ng/u1	99
91) Benzo(k)fluoranthene	23.480	252	398900	5.589	ng/u1	96
93) Benzo(a)pyrene	24.221	252	462376	6.975	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.726	276	524808	6.178	ng/u1	98
95) Dibenzo(a,h)anthracene	27.774	278	166584m	2.393	ng/u1	
96) Benzo(g,h,i)perylene	28.785	276	74657m	1.122	ng/u1	

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

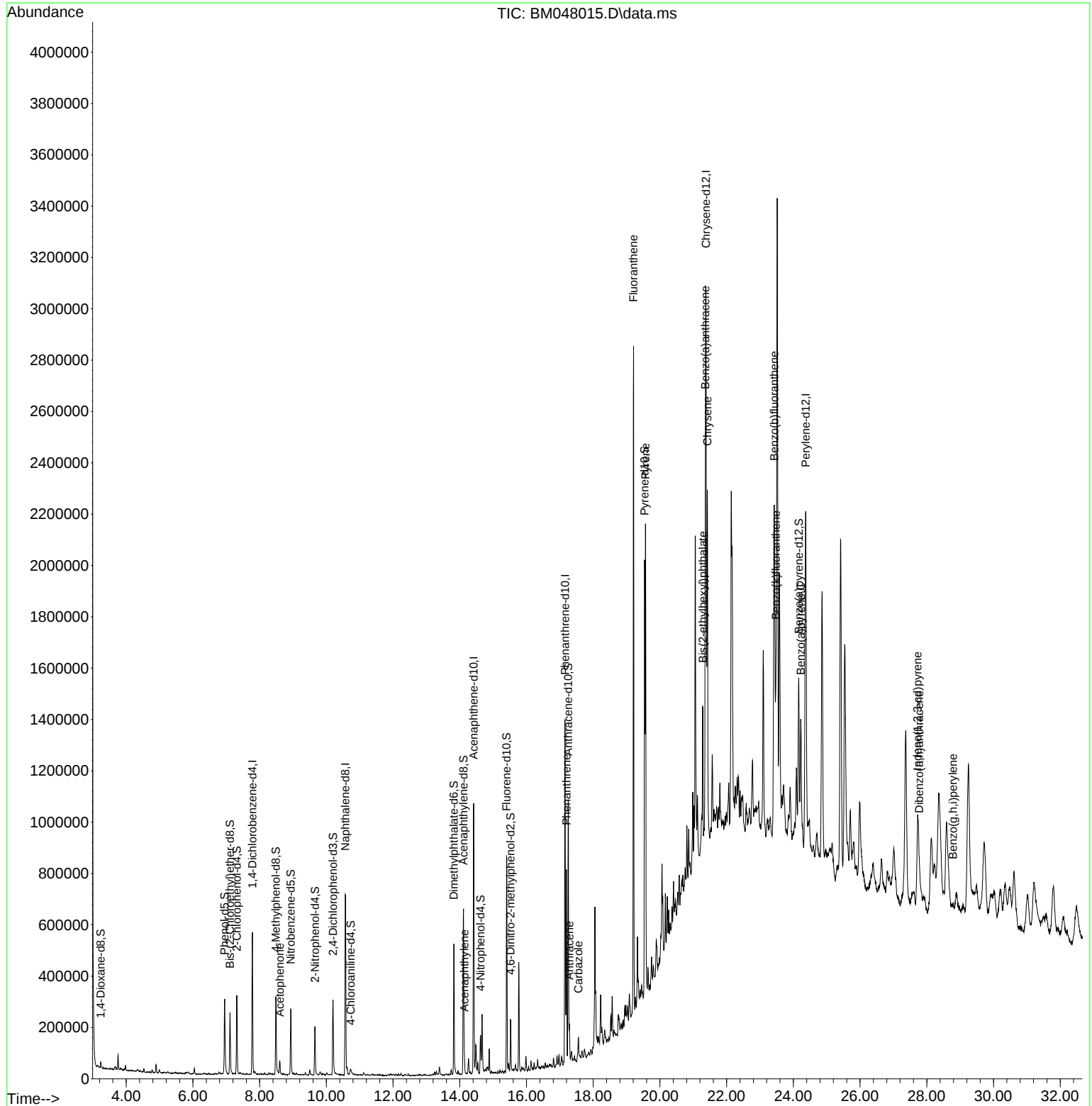
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048015.D
Acq On : 11 Oct 2024 17:56
Operator : RC/JU
Sample : P4237-04
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ALS Vial : 6 Sample Multiplier: 1

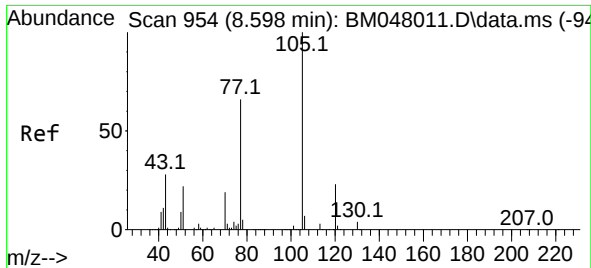
Instrument :
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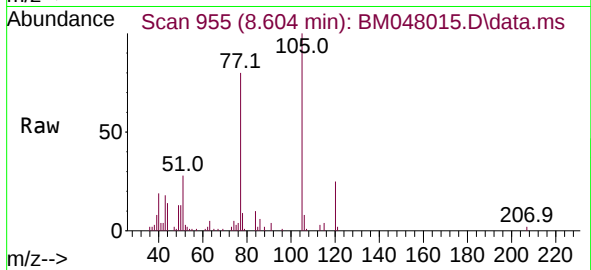
Quant Time: Oct 12 01:04:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.704 ng/ul
RT: 8.604 min Scan# 915
Delta R.T. -0.006 min
Lab File: BM048015.D
Acq: 11 Oct 2024 17:56

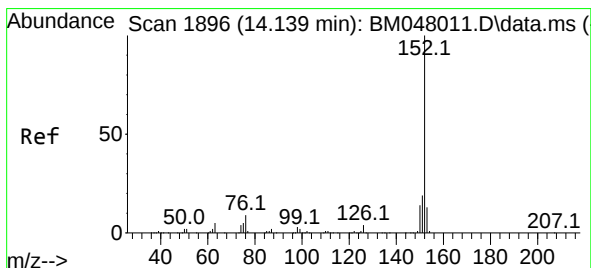
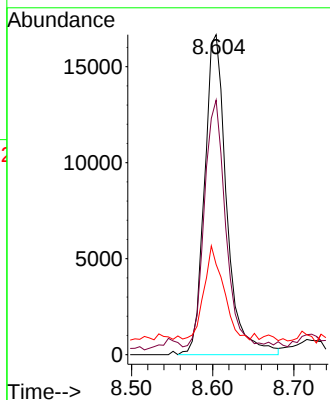
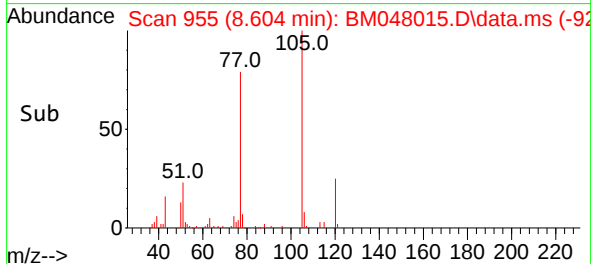
Instrument :
BNA_M
ClientSampleId :
A4F09



Tgt Ion:105 Resp: 3153
Ion Ratio Lower Upper
105 100
77 79.5 66.6 100.0
51 28.2 27.0 40.4

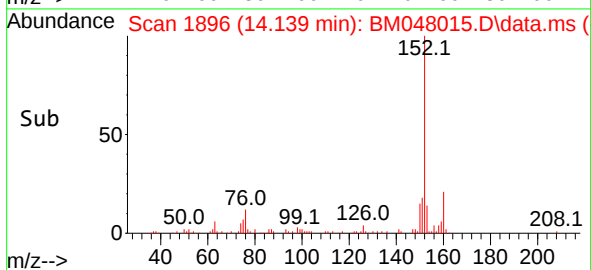
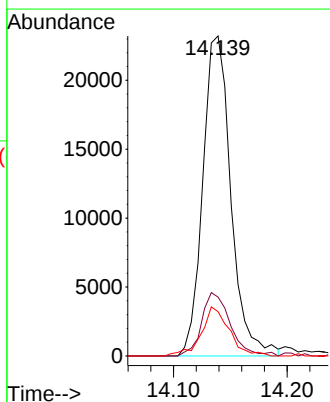
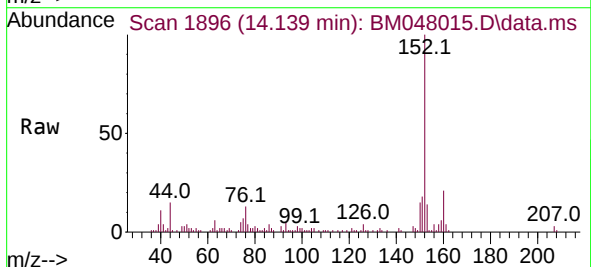
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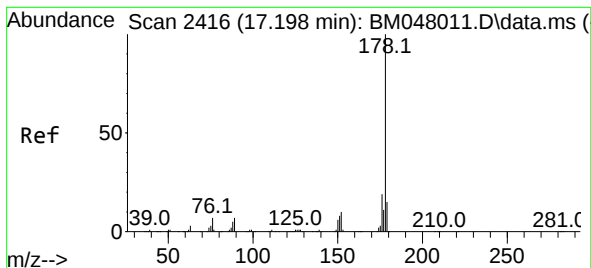
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#50
Acenaphthylene
Concen: 1.140 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048015.D
Acq: 11 Oct 2024 17:56

Tgt Ion:152 Resp: 40039
Ion Ratio Lower Upper
152 100
151 18.4 16.2 24.2
153 13.9 10.7 16.1





#72

Phenanthrene

Concen: 9.248 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

Instrument :

BNA_M

ClientSampleId :

A4F09

Tgt Ion:178 Resp: 443514

Ion Ratio Lower Upper

178 100

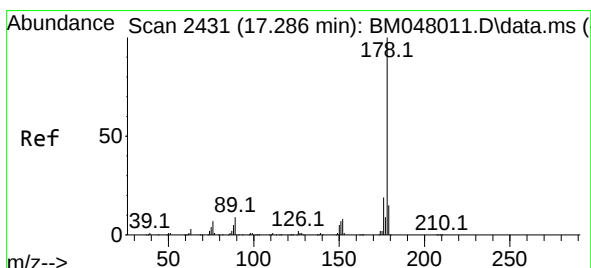
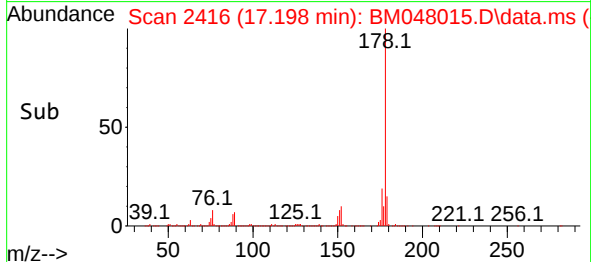
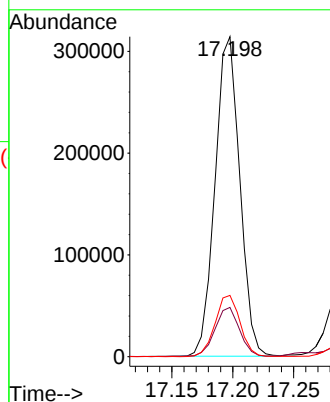
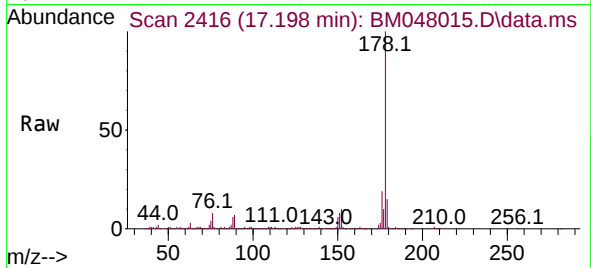
179 15.4 12.0 18.0

176 19.2 15.4 23.0

Manual Integrations

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#74

Anthracene

Concen: 1.735 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

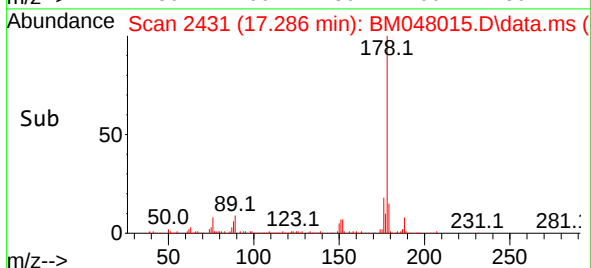
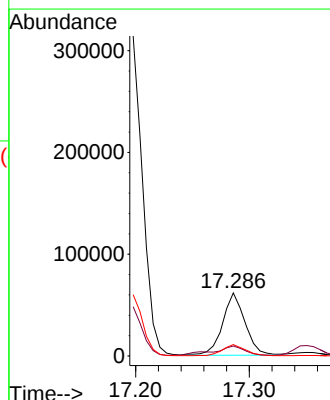
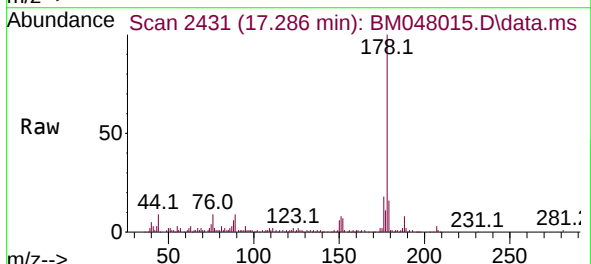
Tgt Ion:178 Resp: 84881

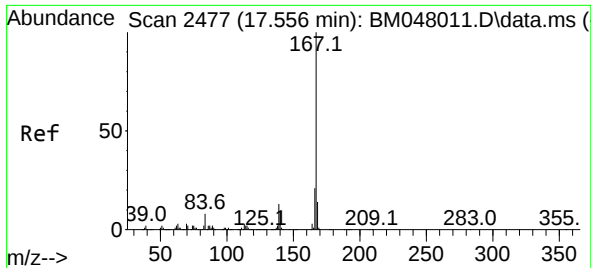
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

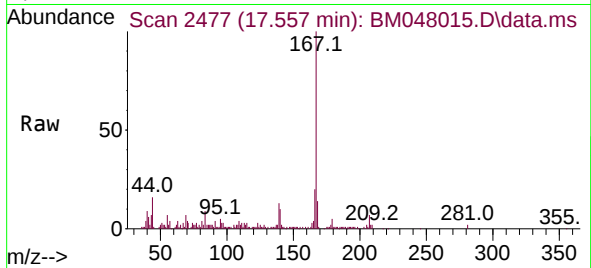
176 18.0 14.7 22.1





#77
 Carbazole
 Concen: 1.290 ng/ul
 RT: 17.557 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM048015.D
 Acq: 11 Oct 2024 17:56

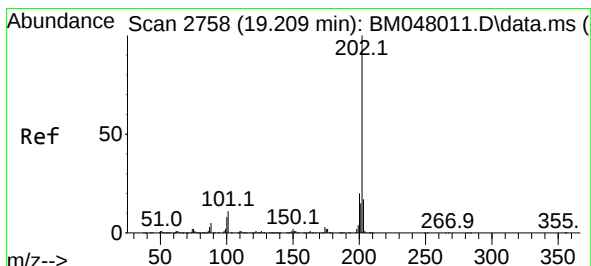
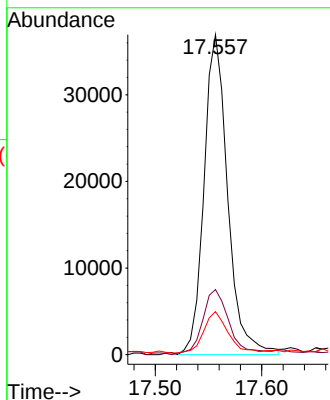
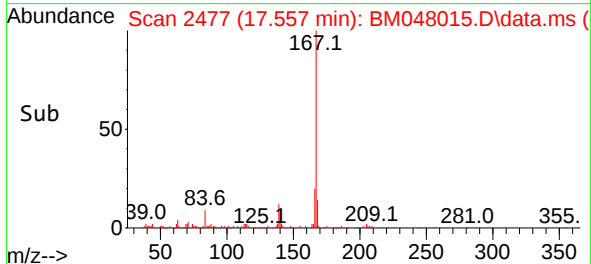
Instrument :
 BNA_M
 ClientSampleId :
 A4F09



Tgt Ion:167 Resp: 5718
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 13.4 10.9 16.3

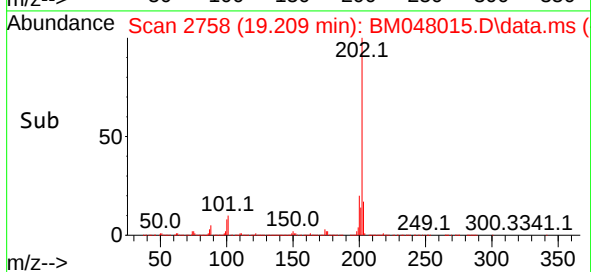
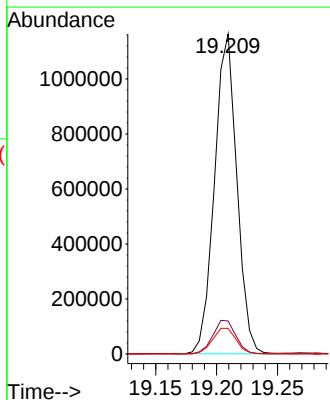
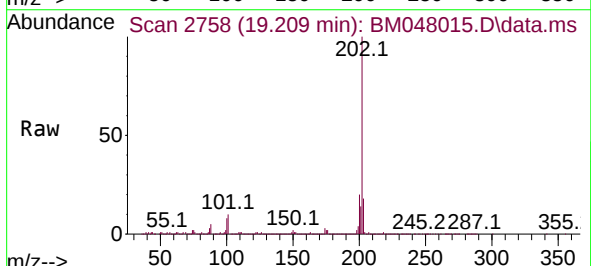
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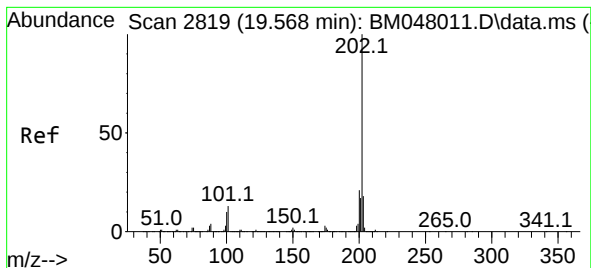
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#80
 Fluoranthene
 Concen: 23.707 ng/ul
 RT: 19.209 min Scan# 2758
 Delta R.T. -0.006 min
 Lab File: BM048015.D
 Acq: 11 Oct 2024 17:56

Tgt Ion:202 Resp: 1486278
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.0 13.4
 100 8.0 6.8 10.2





#82

Pyrene

Concen: 16.006 ng/ul

RT: 19.568 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

Instrument :

BNA_M

ClientSampleId :

A4F09

Tgt Ion:202 Resp: 111690

Ion Ratio Lower Upper

202 100

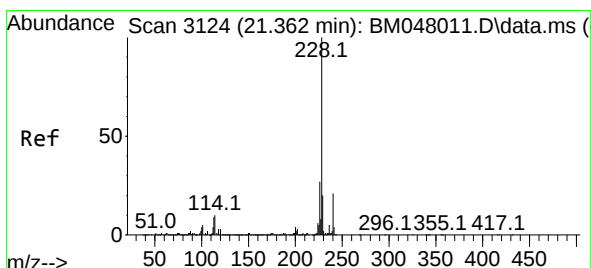
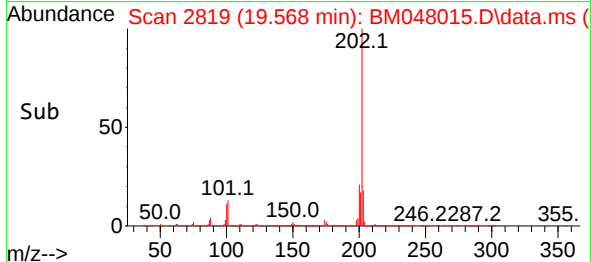
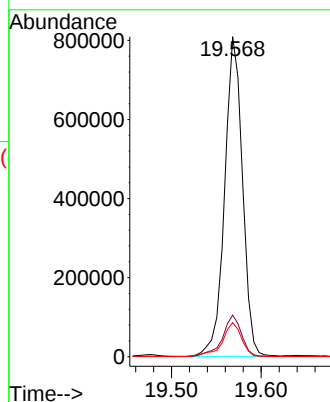
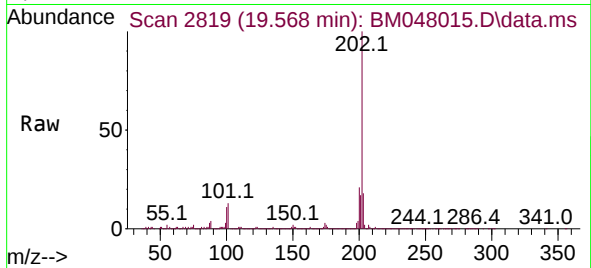
101 13.0 10.9 16.3

100 10.6 9.4 14.2

Manual Integrations

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Supervised By :mohammad ahmed 10/15/2024



#85

Benzo(a)anthracene

Concen: 10.360 ng/ul

RT: 21.362 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

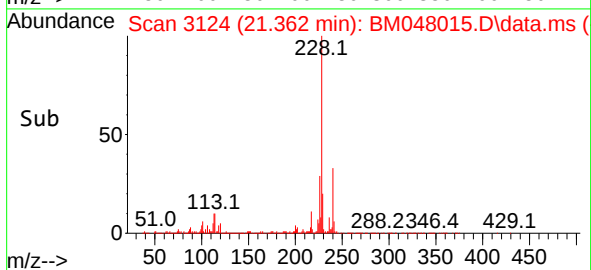
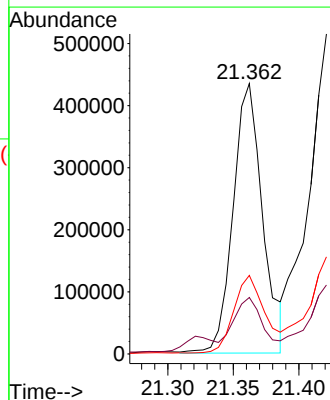
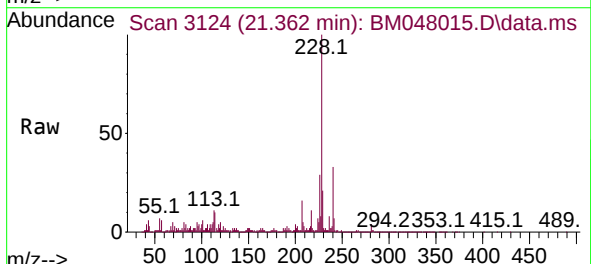
Tgt Ion:228 Resp: 680351

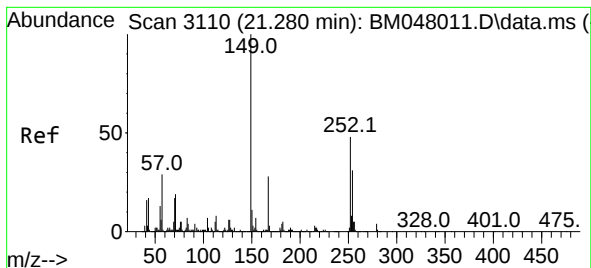
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

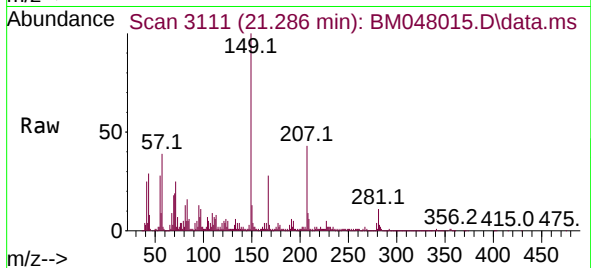
226 29.0 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.159 ng/ul m
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048015.D
Acq: 11 Oct 2024 17:56

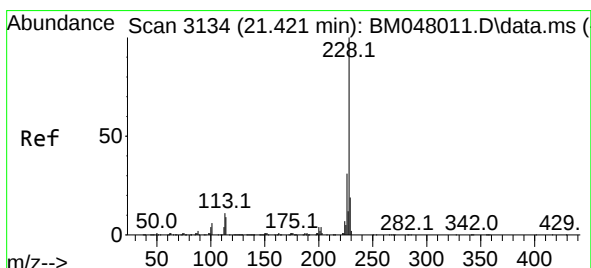
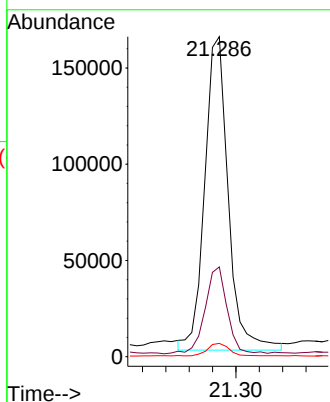
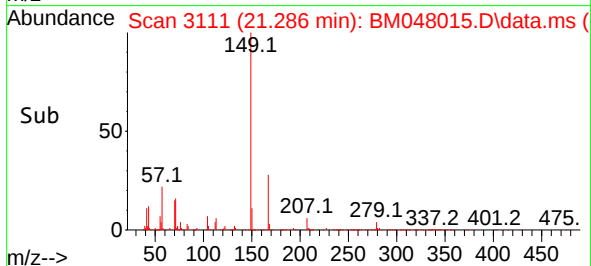
Instrument :
BNA_M
ClientSampleId :
A4F09



Tgt Ion:149 Resp: 22812
Ion Ratio Lower Upper
149 100
167 28.0 21.3 31.9
279 4.2 2.7 4.1

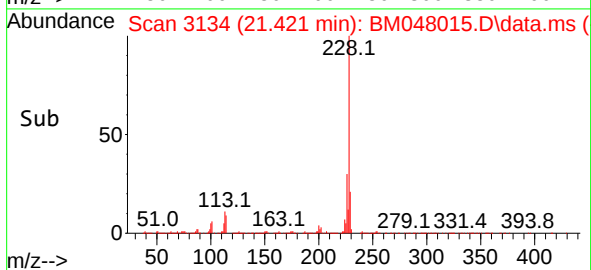
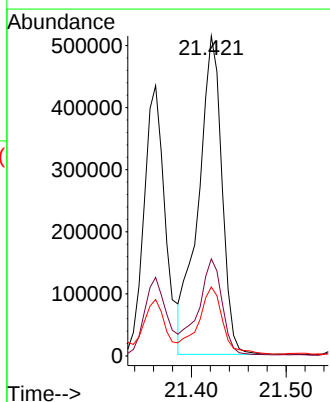
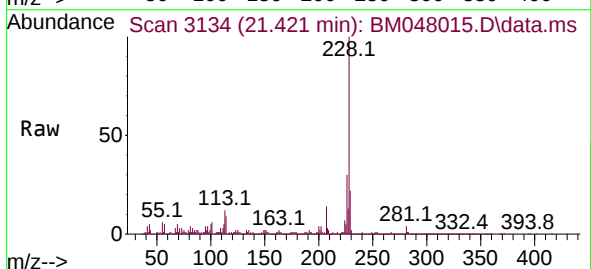
Manual Integrations
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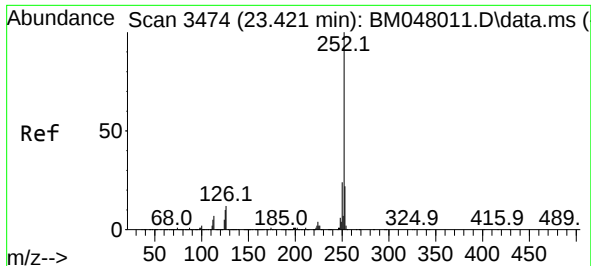
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#87
Chrysene
Concen: 13.837 ng/ul
RT: 21.421 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM048015.D
Acq: 11 Oct 2024 17:56

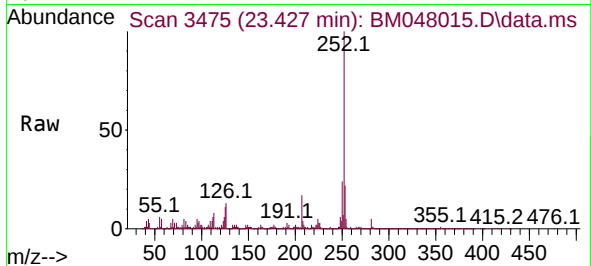
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Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.6 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 19.253 ng/ul
RT: 23.427 min Scan# 3474
Delta R.T. 0.000 min
Lab File: BM048015.D
Acq: 11 Oct 2024 17:56

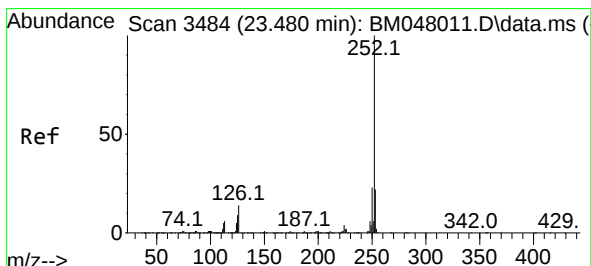
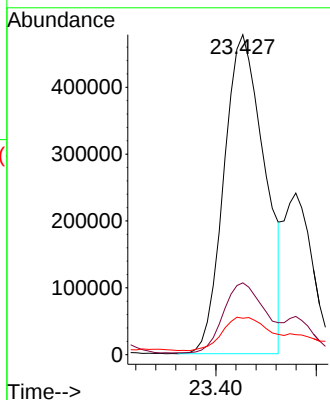
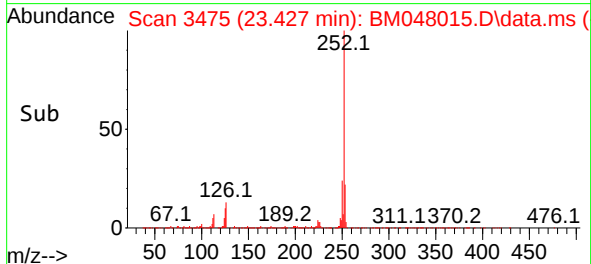
Instrument :
BNA_M
ClientSampleId :
A4F09



Tgt Ion:252 Resp: 134380
Ion Ratio Lower Upper
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253 22.5 17.4 26.2
125 11.4 9.0 13.4

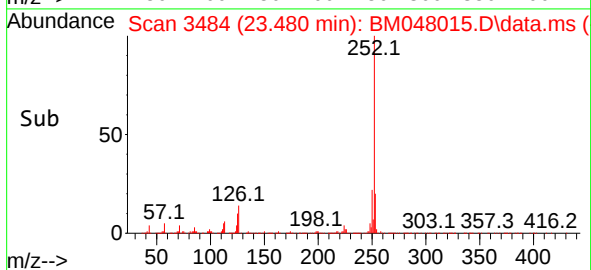
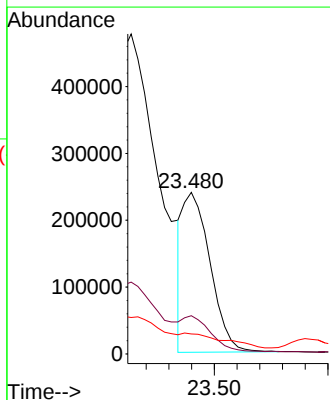
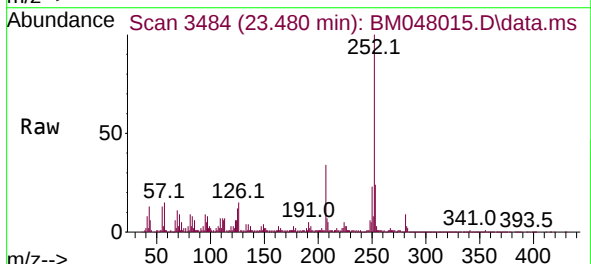
Manual Integrations
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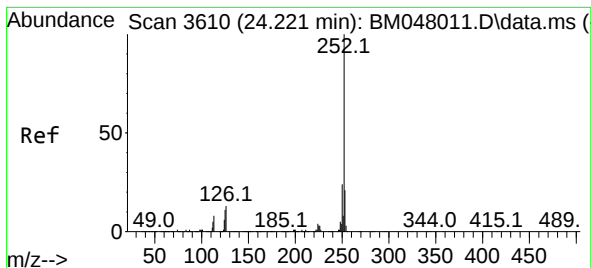
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#91
Benzo(k)fluoranthene
Concen: 5.589 ng/ul
RT: 23.480 min Scan# 3484
Delta R.T. -0.006 min
Lab File: BM048015.D
Acq: 11 Oct 2024 17:56

Tgt Ion:252 Resp: 398900
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 12.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 6.975 ng/ul

RT: 24.221 min Scan# 3610

Delta R.T. -0.012 min

Lab File: BM048015.D

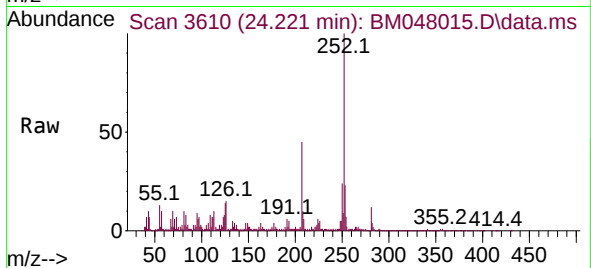
Acq: 11 Oct 2024 17:56

Instrument :

BNA_M

ClientSampleId :

A4F09



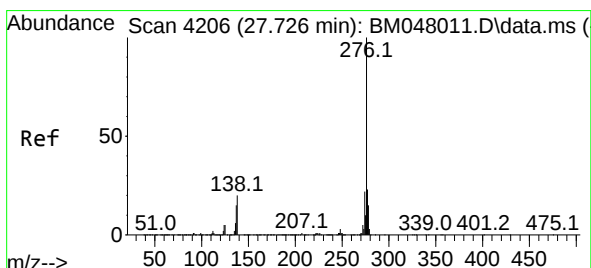
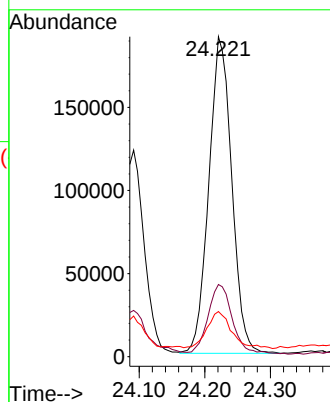
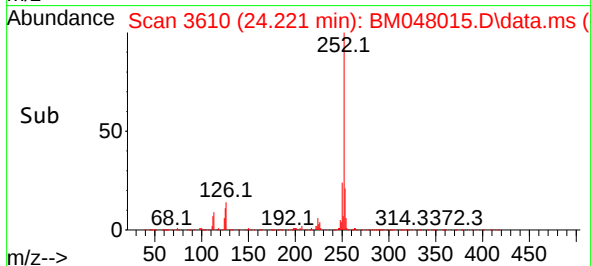
Tgt Ion:252 Resp: 462370

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	14.1	10.1	15.1

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.178 ng/ul

RT: 27.726 min Scan# 4206

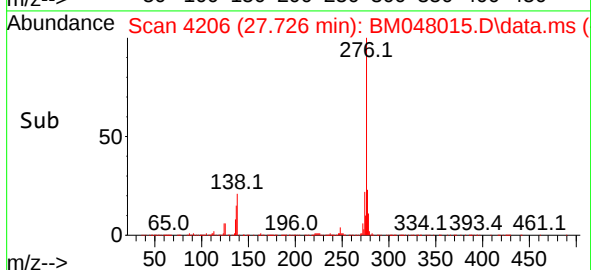
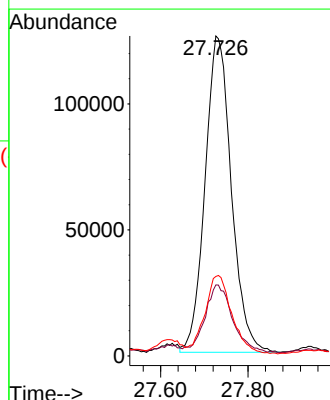
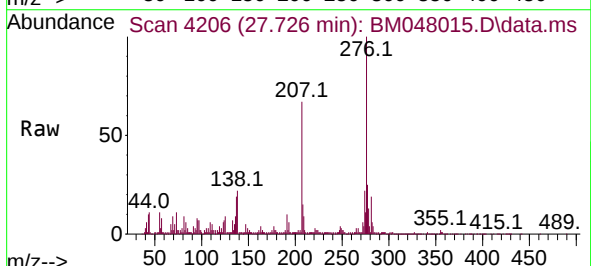
Delta R.T. -0.018 min

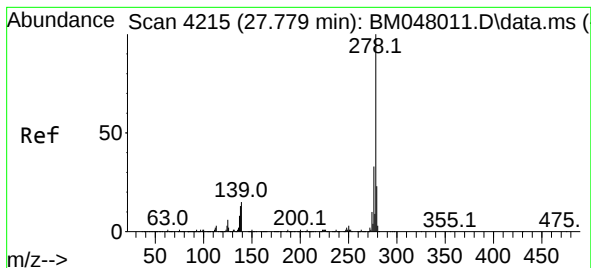
Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

Tgt Ion:276 Resp: 524808

Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.9	25.3
277	24.8	18.9	28.3





#95

Dibenzo(a,h)anthracene

Concen: 2.393 ng/ul m

RT: 27.774 min Scan# 4215

Delta R.T. -0.023 min

Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

Instrument :

BNA_M

ClientSampleId :

A4F09

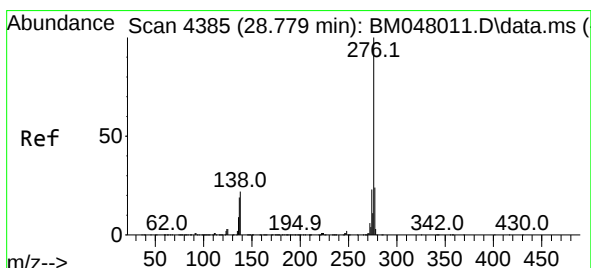
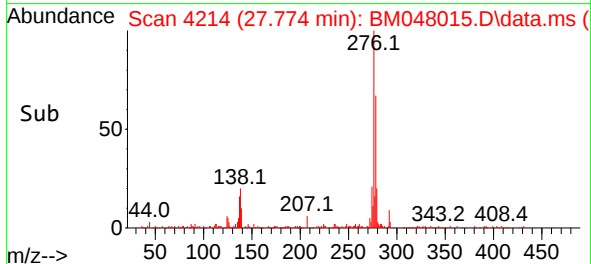
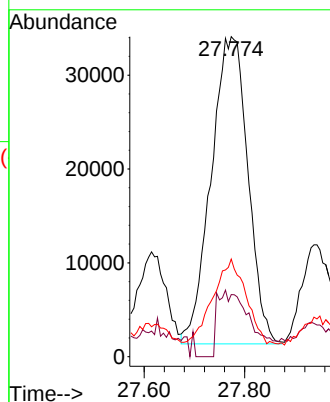
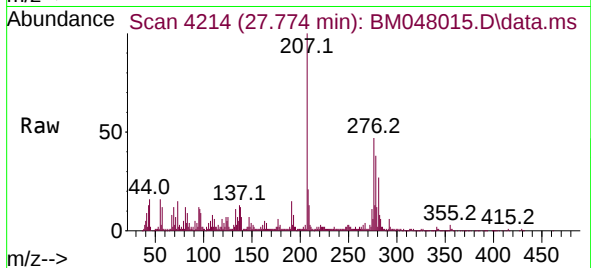
Tgt Ion:278 Resp: 166584

Ion	Ratio	Lower	Upper
278	100		
139	19.4	13.4	20.2
279	30.5	18.4	27.6

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 1.122 ng/ul m

RT: 28.785 min Scan# 4386

Delta R.T. -0.006 min

Lab File: BM048015.D

Acq: 11 Oct 2024 17:56

Tgt Ion:276 Resp: 74657

Ion	Ratio	Lower	Upper
276	100		
138	28.5	18.7	28.1#
277	27.6	18.3	27.5#

