

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046025.D
 Acq On : 13 Jun 2024 15:57
 Operator : MA/JU
 Sample : P2648-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBT7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 14 01:20:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	120257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.204	136	496450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	300203	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	600423	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	567752	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	657312	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	11482m	3.702	ng/uL	0.00
4) Pyridine-d5	3.528	84	14560m	1.823	ng/u1	0.08
7) Phenol-d5	6.692	99	238666	23.362	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	172868	23.564	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	192827	25.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	186206	24.125	ng/u1	0.00
21) Nitrobenzene-d5	8.604	128	95672	24.648	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	102801	26.168	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	176062	23.899	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	130642	12.814	ng/u1	0.01
46) Dimethylphthalate-d6	13.527	166	534930	25.739	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	617953	25.605	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	76208m	16.991	ng/u1	0.01
60) Fluorene-d10	15.080	176	462173	26.067	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.233	200	46401	15.134	ng/u1	0.01
73) Anthracene-d10	16.927	188	678103	25.979	ng/u1	0.00
81) Pyrene-d10	19.227	212	711254	20.144	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	578093	18.818	ng/u1	0.00
Target Compounds	Qvalue					
16) Acetophenone	8.287	105	28043	2.180	ng/u1	85
50) Acenaphthylene	13.804	152	71179	2.548	ng/u1	98
61) Fluorene	15.139	166	21609	1.067	ng/u1#	97
72) Phenanthrene	16.868	178	516456	16.324	ng/u1	99
74) Anthracene	16.962	178	116421	3.684	ng/u1	98
77) Carbazole	17.251	167	47602	1.765	ng/u1	95
78) Di-n-butylphthalate	17.815	149	41230	1.163	ng/u1#	95
80) Fluoranthene	18.892	202	1271333	29.702	ng/u1	99
82) Pyrene	19.256	202	994765	22.620	ng/u1	100
83) Butylbenzylphthalate	20.180	149	53795	3.001	ng/u1	90
85) Benzo(a)anthracene	21.027	228	586255	14.955	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	20.974	149	234777	8.817	ng/u1	99
87) Chrysene	21.080	228	659088	18.174	ng/u1	97
90) Benzo(b)fluoranthene	22.909	252	854263	21.148	ng/u1	98
91) Benzo(k)fluoranthene	22.956	252	332443m	8.426	ng/u1	
93) Benzo(a)pyrene	23.621	252	364022	10.255	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.738	276	343109	8.851	ng/u1	99
95) Dibenzo(a,h)anthracene	26.762	278	110234	3.595	ng/u1#	92
96) Benzo(g,h,i)perylene	27.668	276	51090	1.496	ng/u1#	90

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

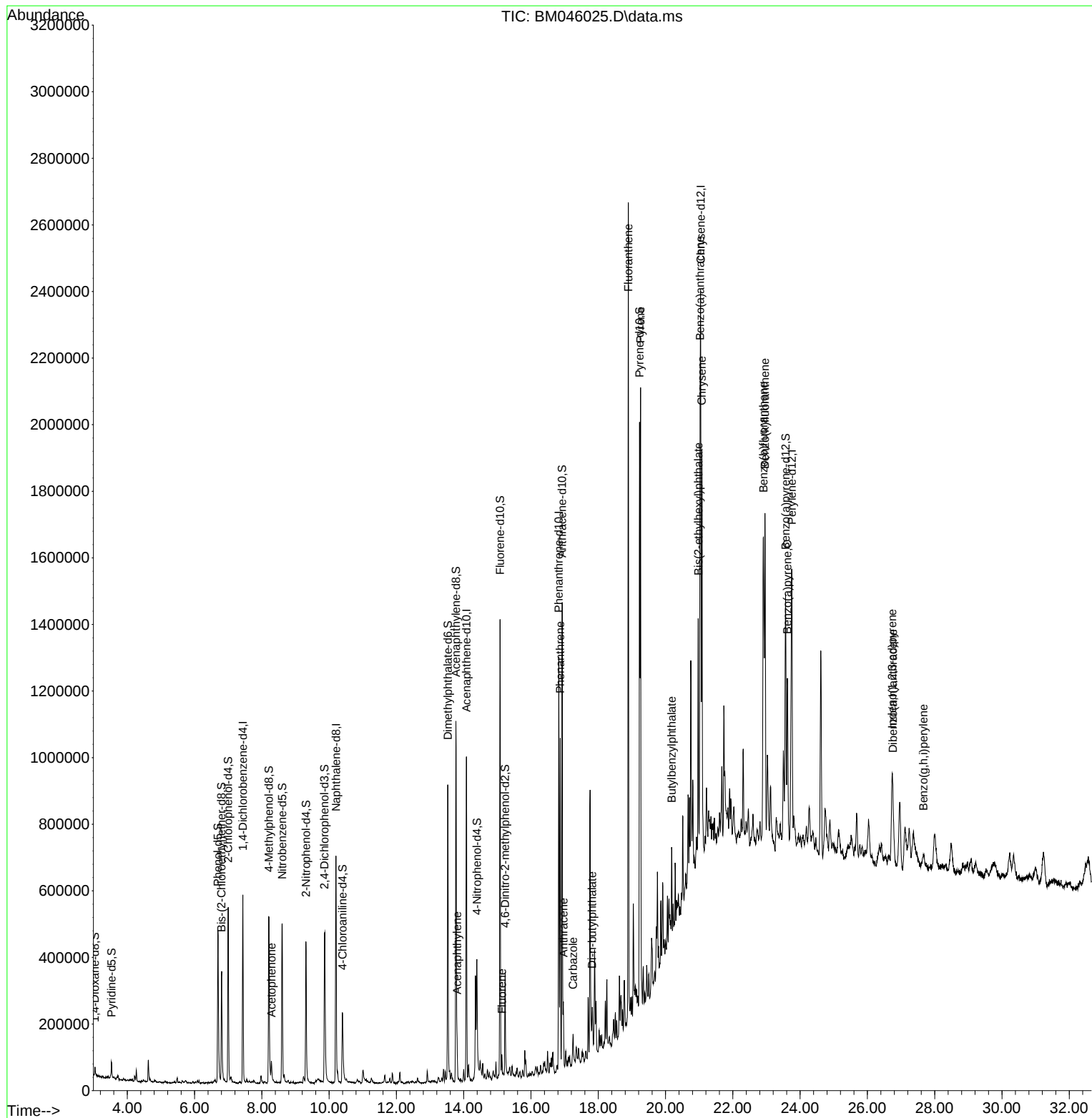
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
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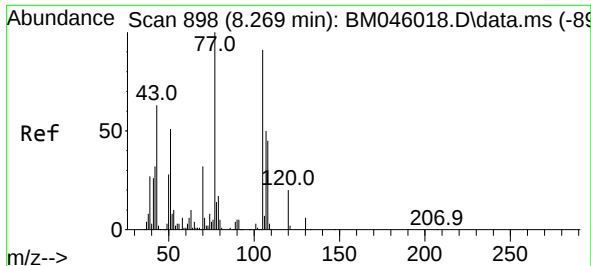
Instrument :
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Quant Time: Jun 14 01:20:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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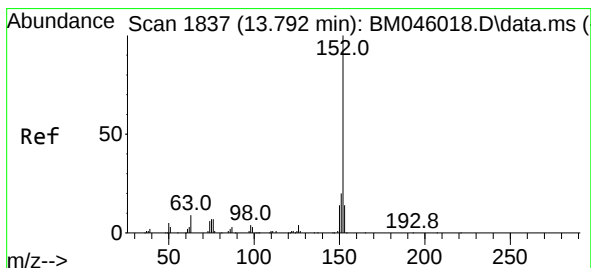
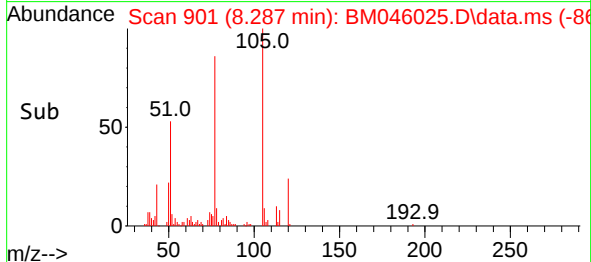
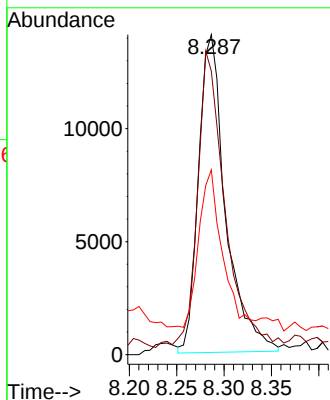
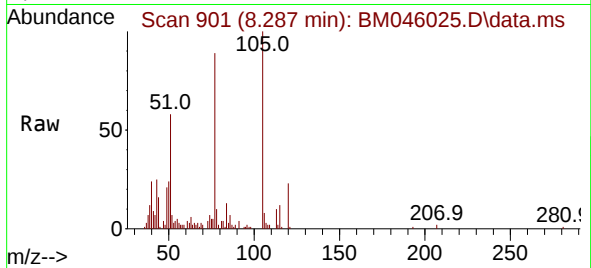
#16
Acetophenone
Concen: 2.180 ng/ul
RT: 8.287 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM046025.D
Acq: 13 Jun 2024 15:57

Instrument :
BNA_M
ClientSampleId :
BHBT7

Tgt Ion	Ratio	Lower	Upper
105	100		
77	88.6	84.7	127.1
51	57.7	39.4	59.0

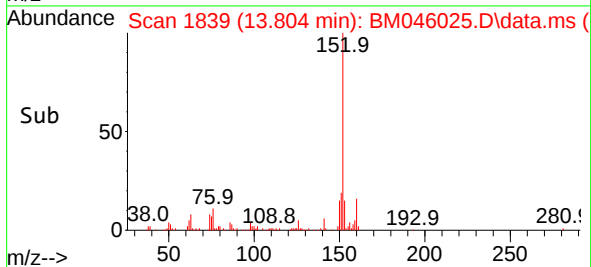
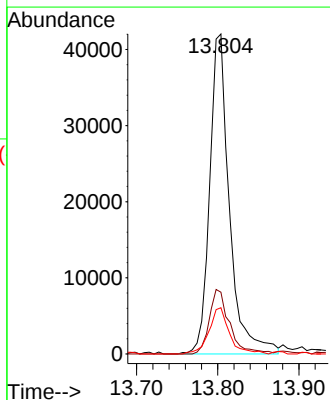
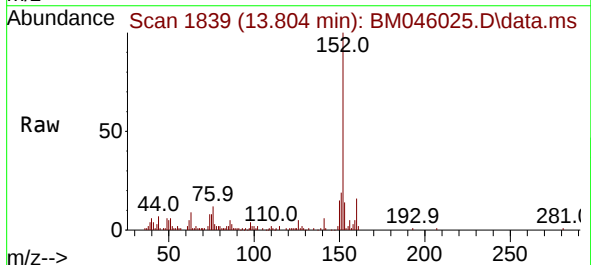
Manual Integrations
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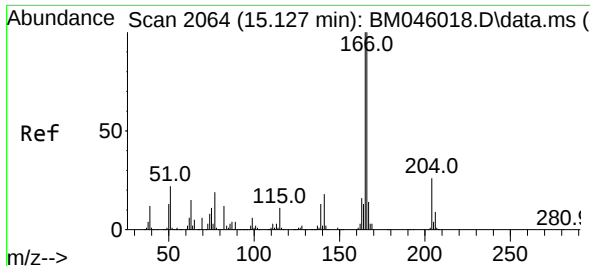
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#50
Acenaphthylene
Concen: 2.548 ng/ul
RT: 13.804 min Scan# 1839
Delta R.T. 0.006 min
Lab File: BM046025.D
Acq: 13 Jun 2024 15:57

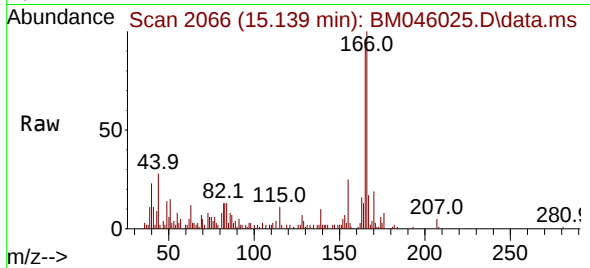
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	14.5	10.4	15.6





#61
Fluorene
Concen: 1.067 ng/ul
RT: 15.139 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BM046025.D
Acq: 13 Jun 2024 15:57

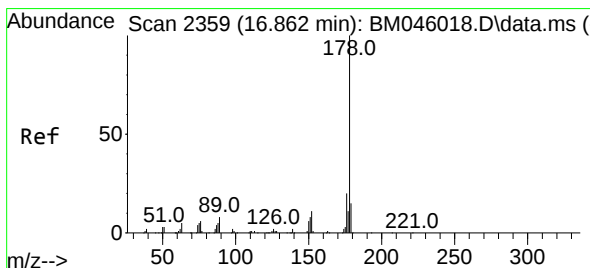
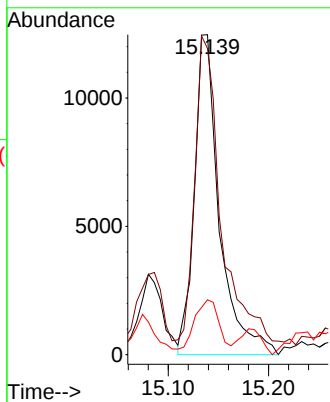
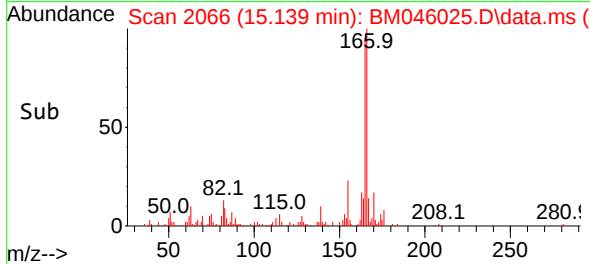
Instrument :
BNA_M
ClientSampleId :
BHBT7



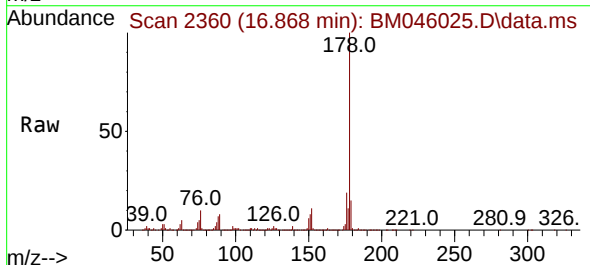
Tgt Ion:166 Resp: 21609
Ion Ratio Lower Upper
166 100
165 95.7 78.1 117.1
167 17.1 10.6 16.0

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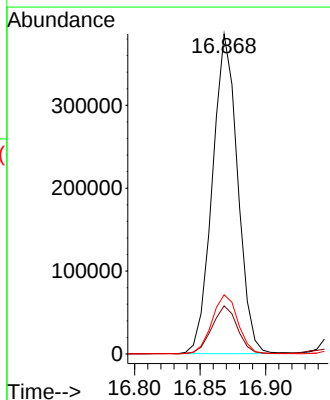
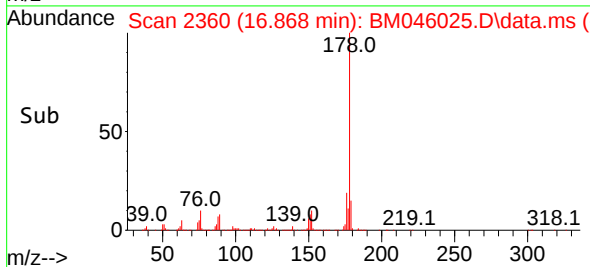
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

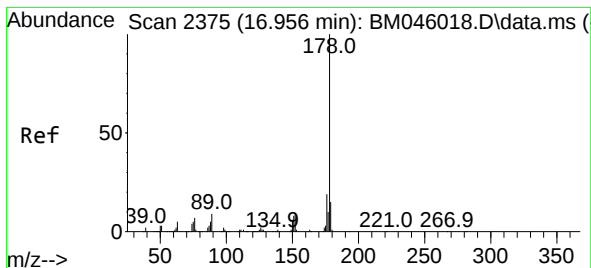


#72
Phenanthrene
Concen: 16.324 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BM046025.D
Acq: 13 Jun 2024 15:57



Tgt Ion:178 Resp: 516456
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.5 15.3 22.9





#74

Anthracene

Concen: 3.684 ng/ul

RT: 16.962 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Instrument :

BNA_M

ClientSampleId :

BHBT7

Tgt Ion:178 Resp: 11642

Ion Ratio Lower Upper

178 100

179 16.5 12.0 18.0

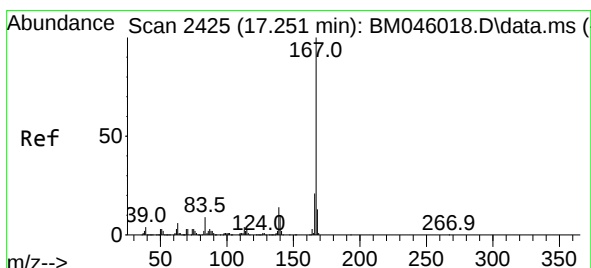
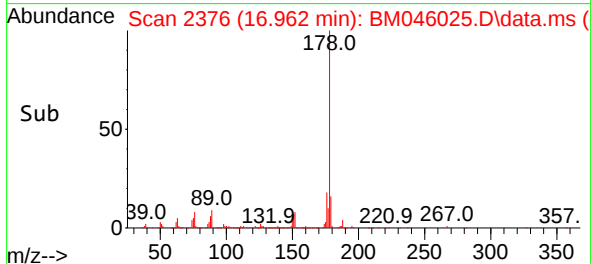
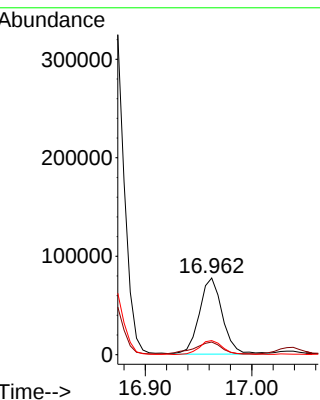
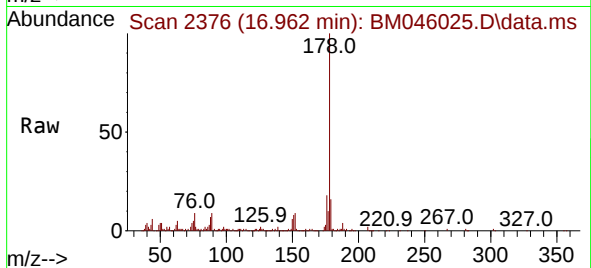
176 18.4 15.0 22.6

Manual Integrations

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#77

Carbazole

Concen: 1.765 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

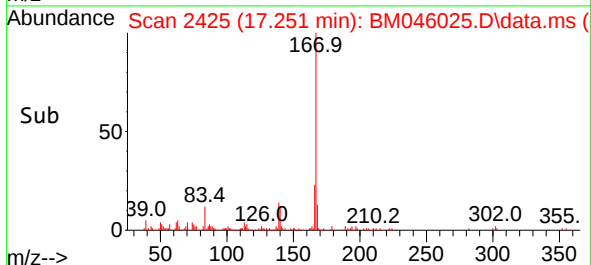
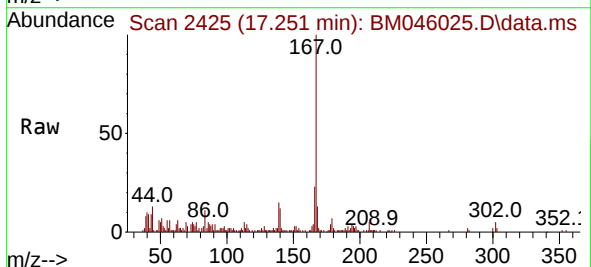
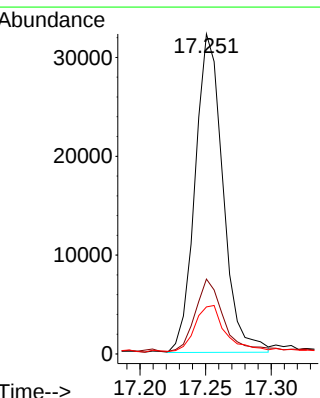
Tgt Ion:167 Resp: 47602

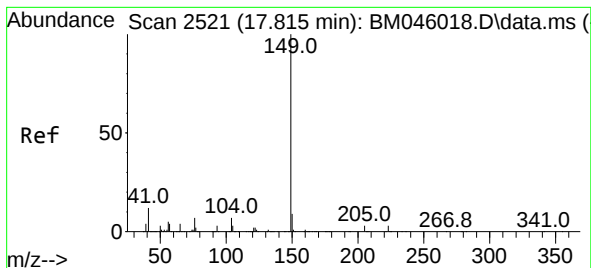
Ion Ratio Lower Upper

167 100

166 23.4 16.6 24.8

139 14.7 10.6 16.0





#78

Di-n-butylphthalate

Concen: 1.163 ng/ul

RT: 17.815 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Instrument :

BNA_M

ClientSampleId :

BHBT7

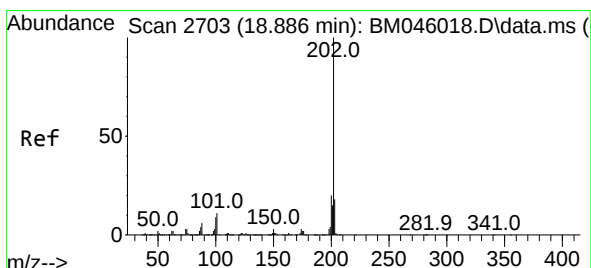
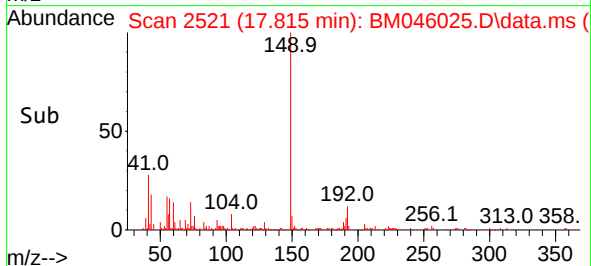
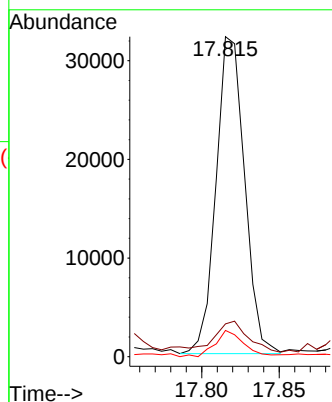
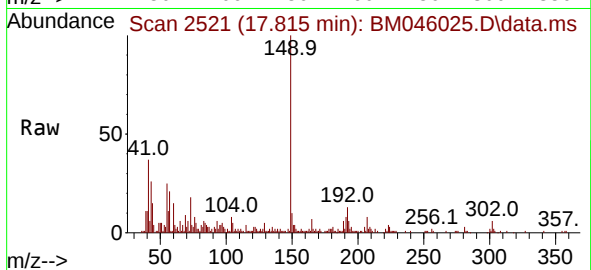
Tgt Ion:149 Resp: 41230

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.1	10.7
104	8.2	4.9	7.3

Manual Integrations

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#80

Fluoranthene

Concen: 29.702 ng/ul

RT: 18.892 min Scan# 2704

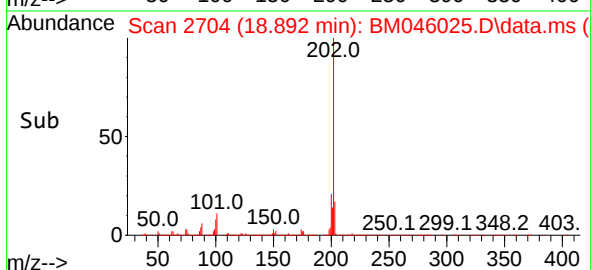
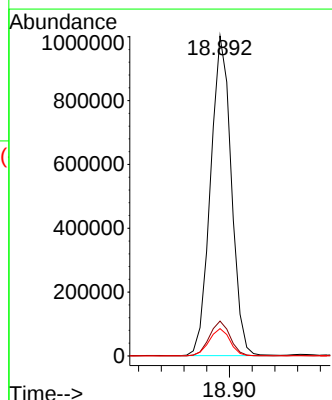
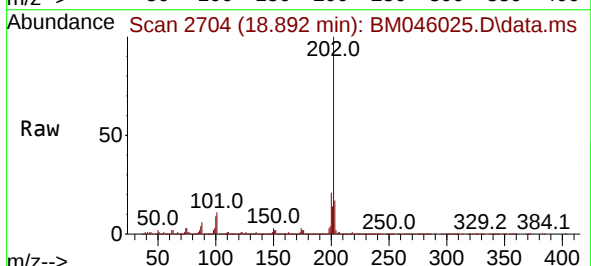
Delta R.T. -0.000 min

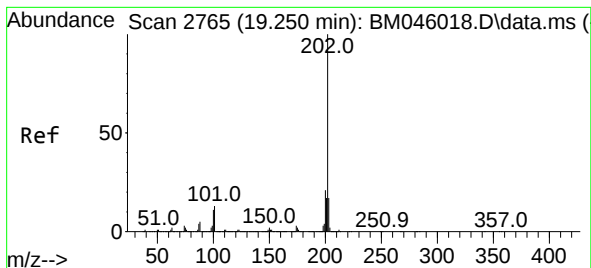
Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Tgt Ion:202 Resp: 1271333

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.5	6.6	10.0





#82

Pyrene

Concen: 22.620 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Instrument :

BNA_M

ClientSampleId :

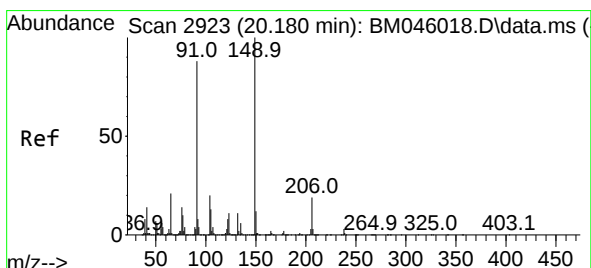
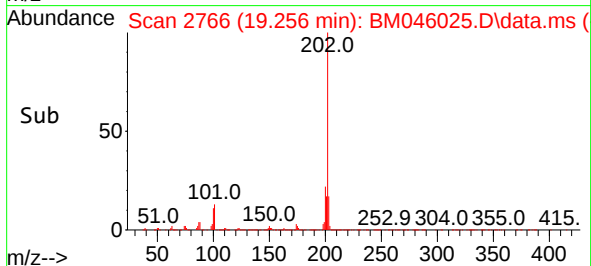
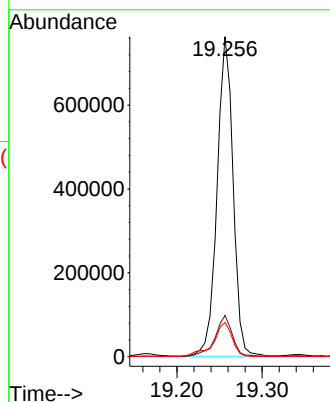
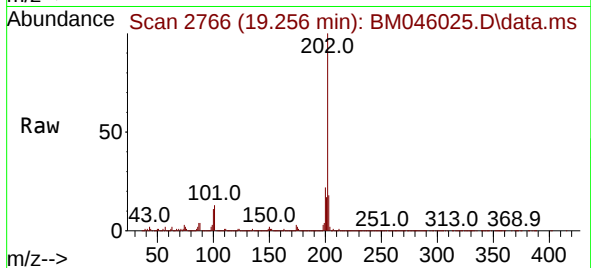
BHBT7

Tgt Ion:	202	Resp:	99476
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.5	15.7
100	10.6	8.6	12.8

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 3.001 ng/ul

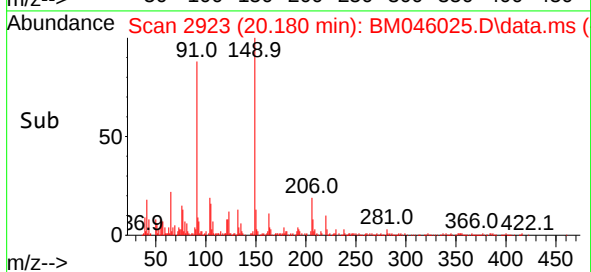
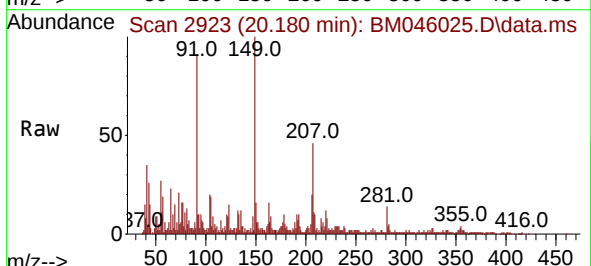
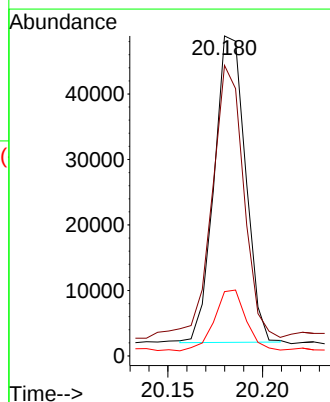
RT: 20.180 min Scan# 2923

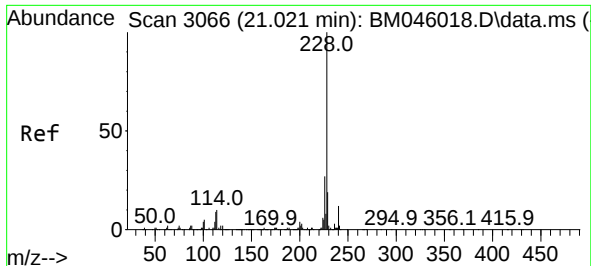
Delta R.T. -0.006 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

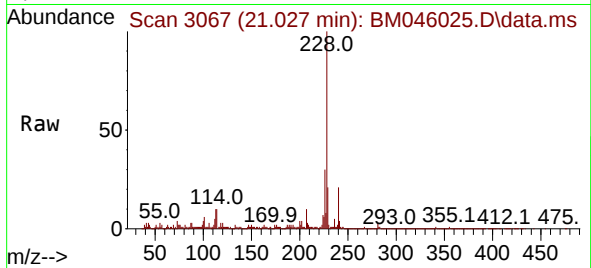
Tgt Ion:	149	Resp:	53795
Ion Ratio	Lower	Upper	
149	100		
91	90.8	63.7	95.5
206	20.1	15.9	23.9





#85
Benzo(a)anthracene
Concen: 14.955 ng/ul
RT: 21.027 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BM046025.D
Acq: 13 Jun 2024 15:57

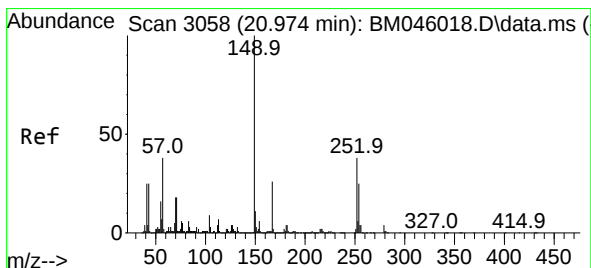
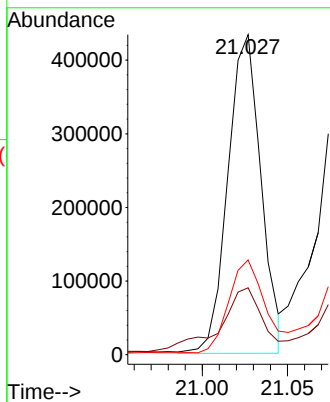
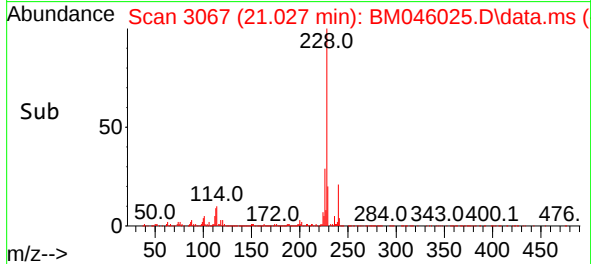
Instrument :
BNA_M
ClientSampleId :
BHBT7



Tgt Ion:228 Resp: 58625
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 29.6 21.4 32.0

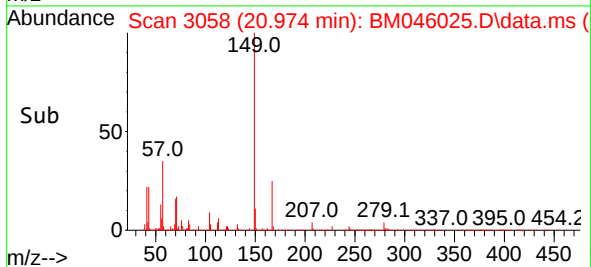
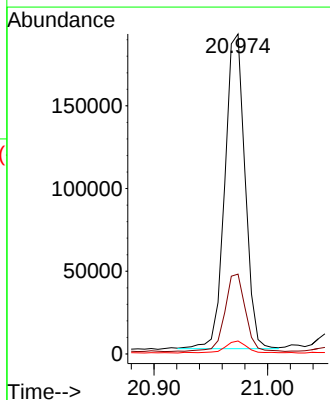
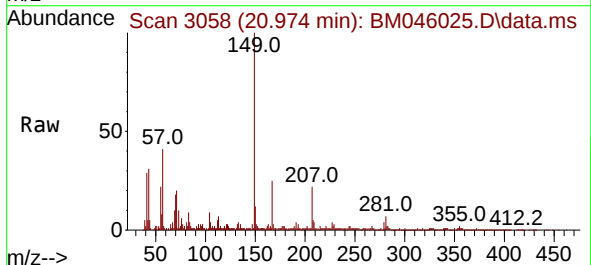
Manual Integrations
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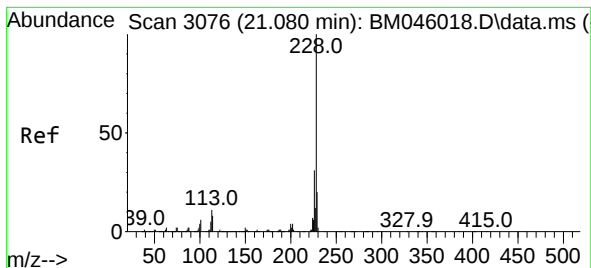
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 8.817 ng/ul
RT: 20.974 min Scan# 3058
Delta R.T. -0.006 min
Lab File: BM046025.D
Acq: 13 Jun 2024 15:57

Tgt Ion:149 Resp: 234777
Ion Ratio Lower Upper
149 100
167 24.9 20.4 30.6
279 4.1 3.1 4.7





#87

Chrysene

Concen: 18.174 ng/ul

RT: 21.080 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Instrument :

BNA_M

ClientSampleId :

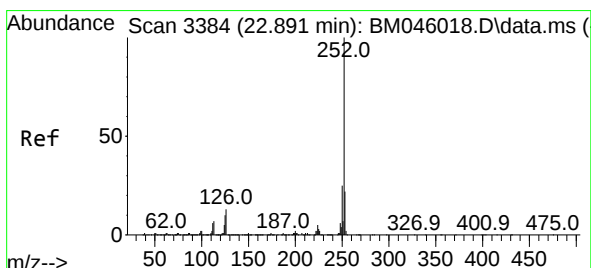
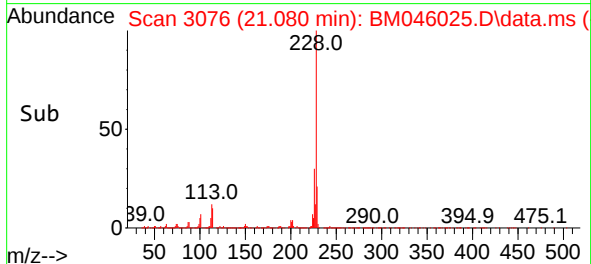
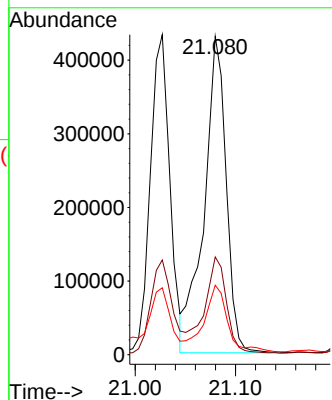
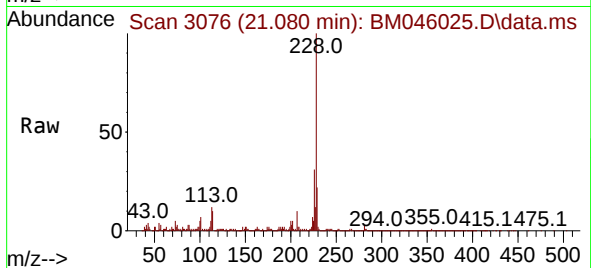
BHBT7

Tgt Ion:228 Resp: 659088
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.2 36.2
 229 21.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



#90

Benzo(b)fluoranthene

Concen: 21.148 ng/ul

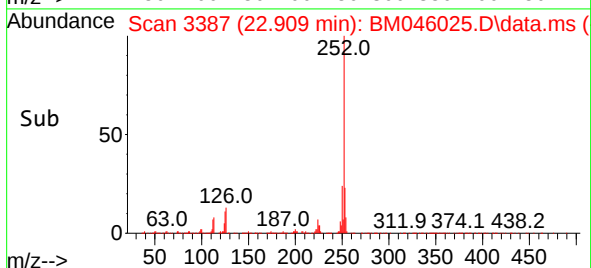
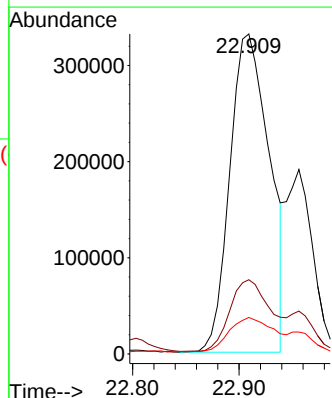
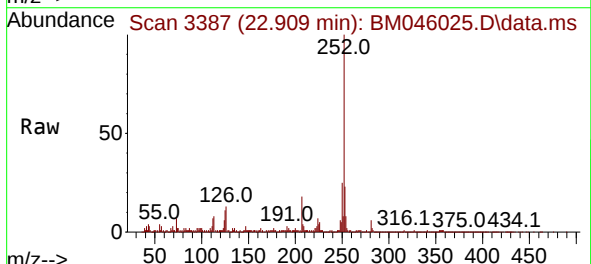
RT: 22.909 min Scan# 3387

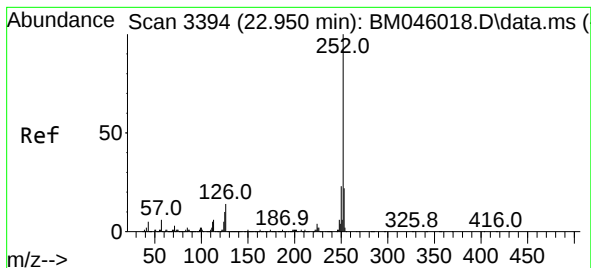
Delta R.T. 0.006 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Tgt Ion:252 Resp: 854263
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.8 26.6
 125 11.4 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 8.426 ng/ul m

RT: 22.956 min Scan# 3394

Delta R.T. -0.000 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Instrument :

BNA_M

ClientSampleId :

BHBT7

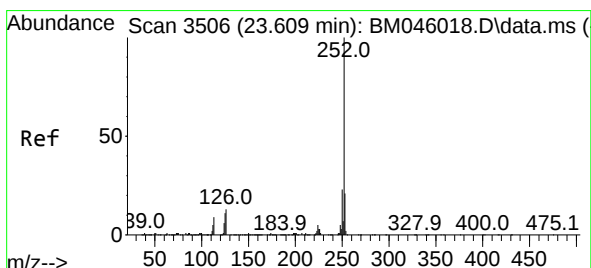
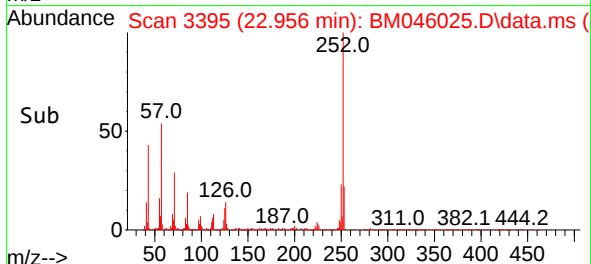
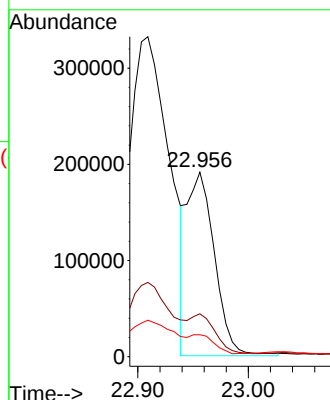
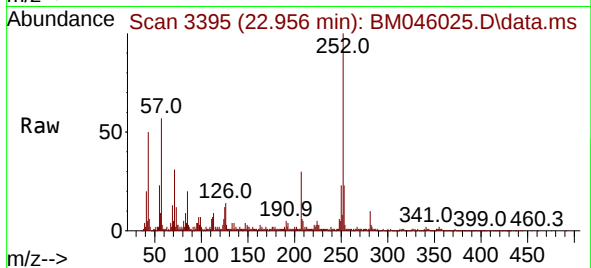
Tgt Ion:252 Resp: 33244

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.8	25.2
125	11.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



#93

Benzo(a)pyrene

Concen: 10.255 ng/ul

RT: 23.621 min Scan# 3508

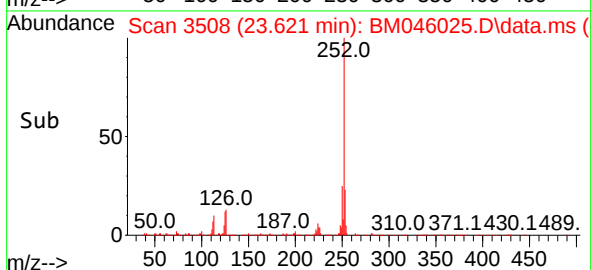
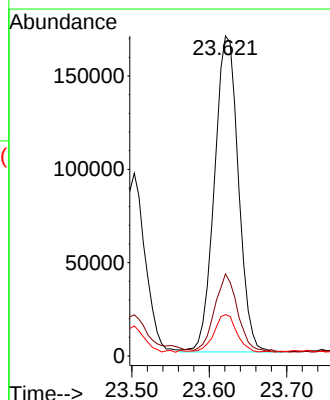
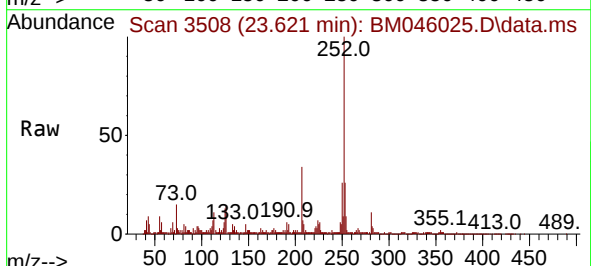
Delta R.T. -0.000 min

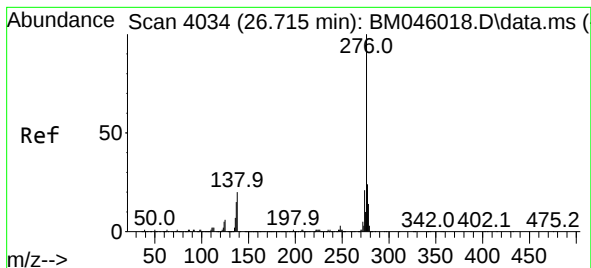
Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Tgt Ion:252 Resp: 364022

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	12.9	9.3	13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.851 ng/ul

RT: 26.738 min Scan# 4038

Delta R.T. 0.012 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

Instrument :

BNA_M

ClientSampleId :

BHBT7

Tgt Ion:276 Resp: 343109

Ion Ratio Lower Upper

276 100

138 22.3 17.9 26.9

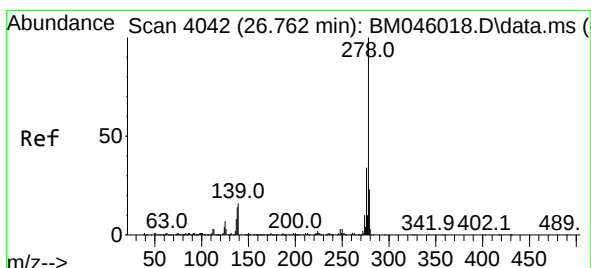
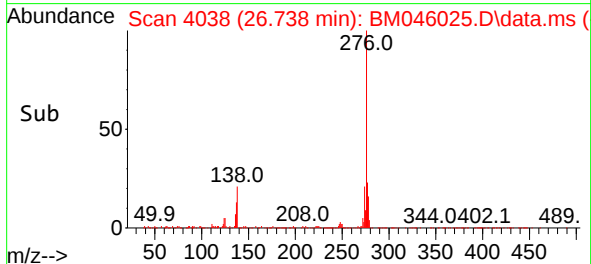
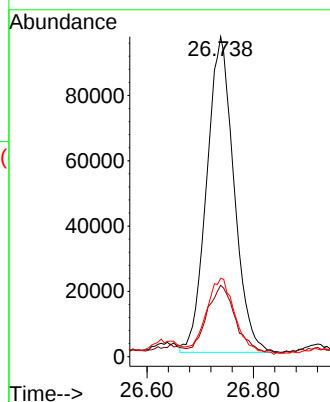
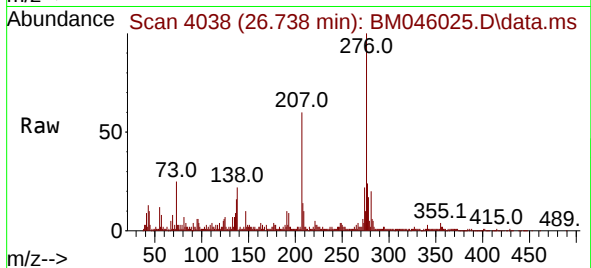
277 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024

Supervised By :mohammad ahmed 06/15/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.595 ng/ul

RT: 26.762 min Scan# 4042

Delta R.T. -0.012 min

Lab File: BM046025.D

Acq: 13 Jun 2024 15:57

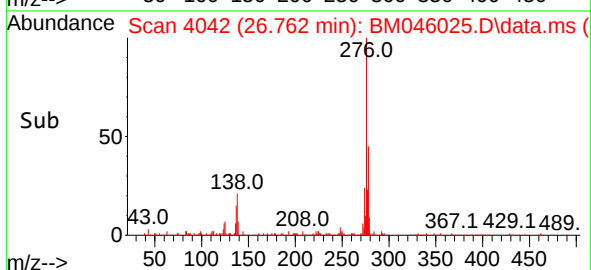
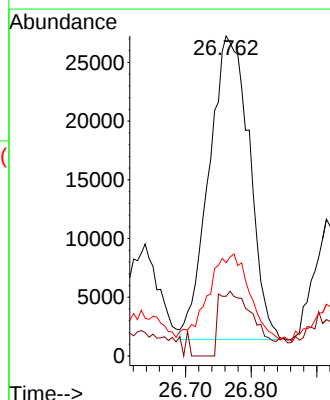
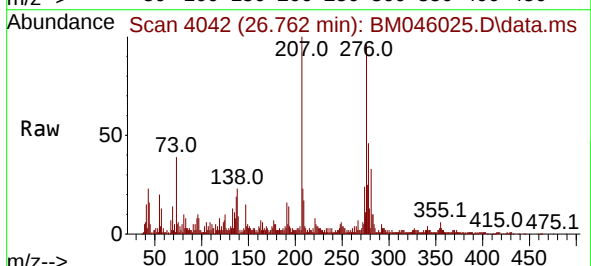
Tgt Ion:278 Resp: 110234

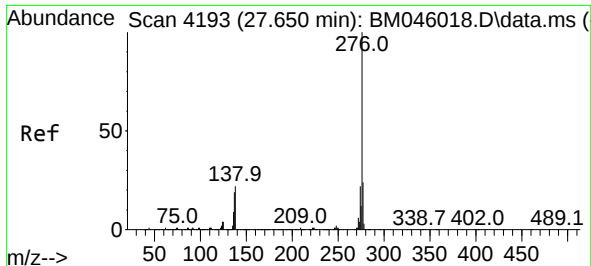
Ion Ratio Lower Upper

278 100

139 18.7 13.2 19.8

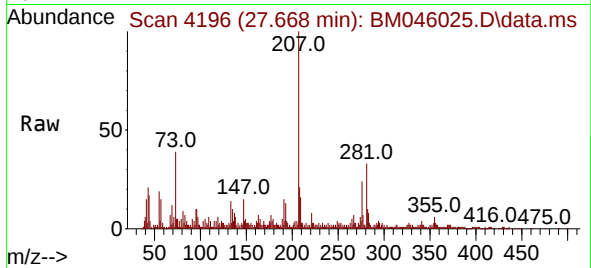
279 29.1 19.1 28.7#





#96
 Benzo(g,h,i)perylene
 Concen: 1.496 ng/ul
 RT: 27.668 min Scan# 4196
 Delta R.T. 0.012 min
 Lab File: BM046025.D
 Acq: 13 Jun 2024 15:57

Instrument :
 BNA_M
 ClientSampleId :
 BHBT7



Tgt Ion:276 Resp: 51090
 Ion Ratio Lower Upper
 276 100
 138 25.7 18.6 27.8
 277 30.4 18.7 28.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

