

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046013.D
 Acq On : 13 Jun 2024 01:53
 Operator : MA/JU
 Sample : P2659-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC27

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 04:49:24 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	195344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	822348	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	515207	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	1058685	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	793411	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	791758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	16499m	3.275	ng/uL	0.00
4) Pyridine-d5	3.463	84	44488	3.429	ng/u1	0.01
7) Phenol-d5	6.692	99	359647	21.672	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	259476	21.775	ng/u1	0.00
11) 2-Chlorophenol-d4	6.992	132	284828m	22.977	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	254661	20.312	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	148269	23.060	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	159251	24.473	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	271294	22.232	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	165226	9.783	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	818997	22.962	ng/u1	0.00
49) Acenaphthylene-d8	13.768	160	947285	22.871	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	103365	13.428	ng/u1	0.00
60) Fluorene-d10	15.080	176	708008	23.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	78390	14.500	ng/u1	0.00
73) Anthracene-d10	16.921	188	1043846	22.681	ng/u1	0.00
81) Pyrene-d10	19.221	212	1071945	21.725	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	625488	16.903	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.251	128	48679	1.110	ng/u1	99
50) Acenaphthylene	13.798	152	152930	3.190	ng/u1	99
52) Acenaphthene	14.145	153	47745	1.493	ng/u1	97
56) Dibenzofuran	14.486	168	54433	1.262	ng/u1	98
61) Fluorene	15.133	166	67869	1.953	ng/u1	95
72) Phenanthrene	16.868	178	1808330	32.417	ng/u1	99
74) Anthracene	16.957	178	293084	5.260	ng/u1	98
77) Carbazole	17.251	167	126175	2.654	ng/u1	98
80) Fluoranthene	18.892	202	3063637	51.217	ng/u1	99
82) Pyrene	19.256	202	2229948	36.285	ng/u1	98
85) Benzo(a)anthracene	21.021	228	1086334	19.830	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	20.968	149	39824	1.070	ng/u1	96
87) Chrysene	21.080	228	1105652	21.817	ng/u1	97
90) Benzo(b)fluoranthene	22.897	252	1341992	27.580	ng/u1	99
91) Benzo(k)fluoranthene	22.950	252	395613	8.324	ng/u1	96
93) Benzo(a)pyrene	23.615	252	548522	12.829	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	465052	9.960	ng/u1	99
95) Dibenzo(a,h)anthracene	26.756	278	147474	3.993	ng/u1	96
96) Benzo(g,h,i)perylene	27.650	276	68443m	1.664	ng/u1	

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

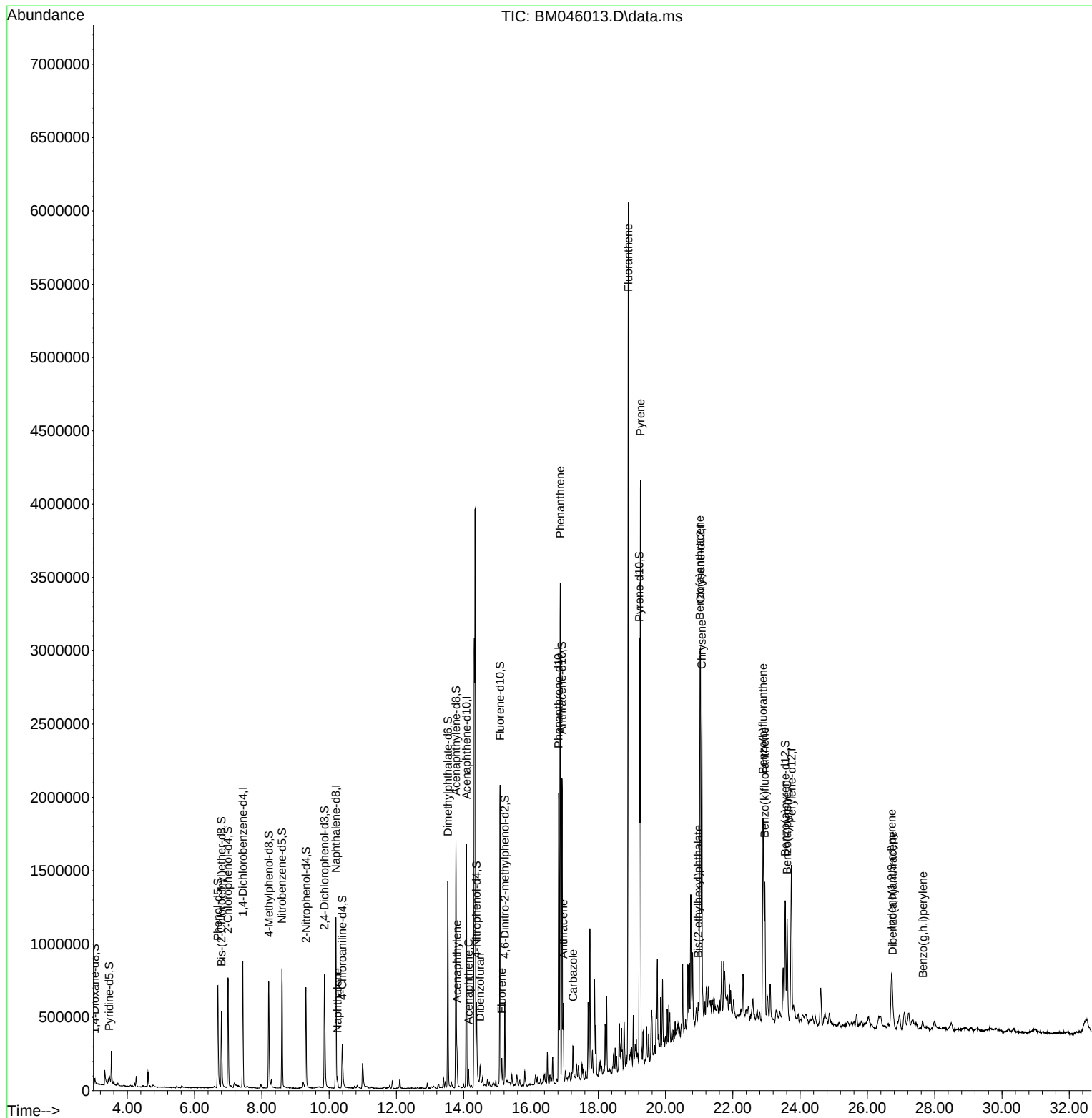
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046013.D
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ALS Vial : 13 Sample Multiplier: 1

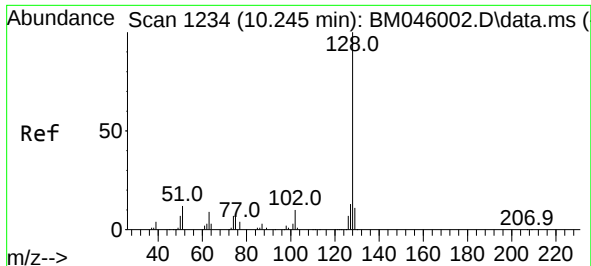
Instrument :
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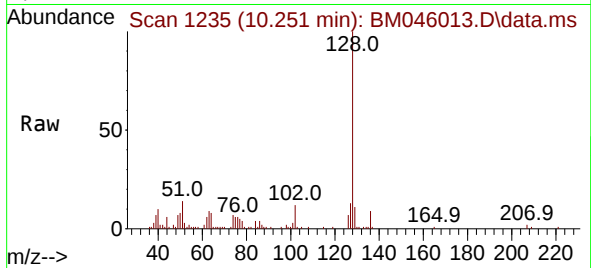
Quant Time: Jun 13 04:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.110 ng/ul
RT: 10.251 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

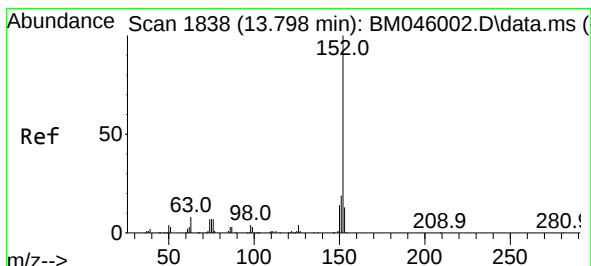
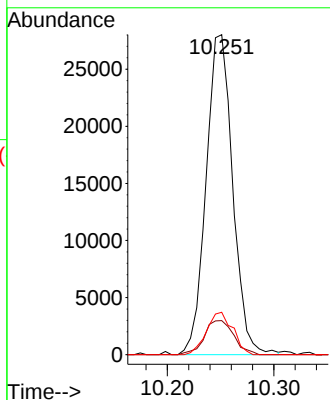
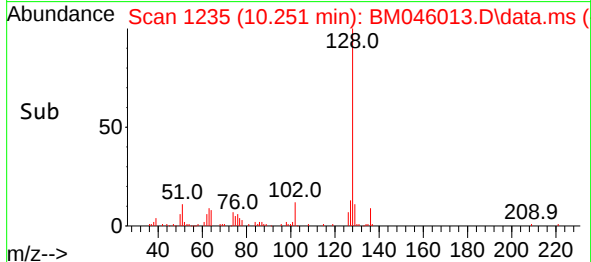
Instrument :
BNA_M
ClientSampleId :
BHC27



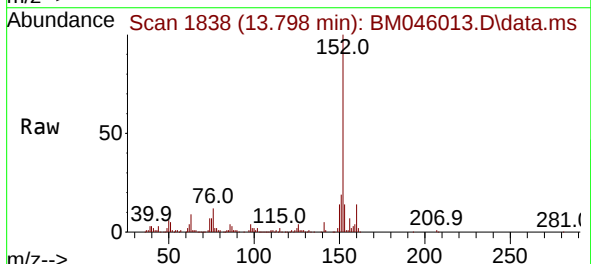
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Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.3 10.3 15.5

Manual Integrations
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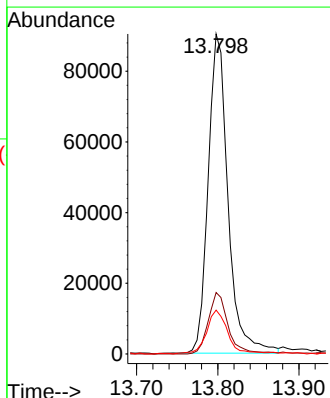
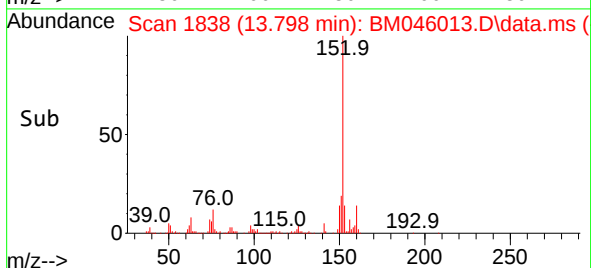
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

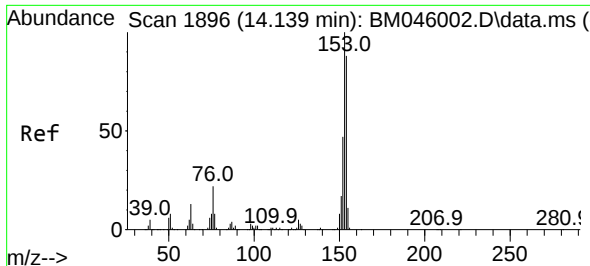


#50
Acenaphthylene
Concen: 3.190 ng/ul
RT: 13.798 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53



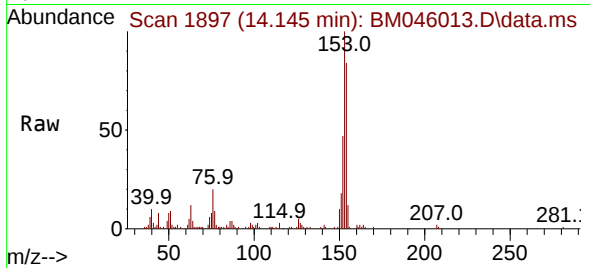
Tgt Ion:152 Resp: 152930
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 13.7 10.4 15.6





#52
Acenaphthene
Concen: 1.493 ng/u1
RT: 14.145 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

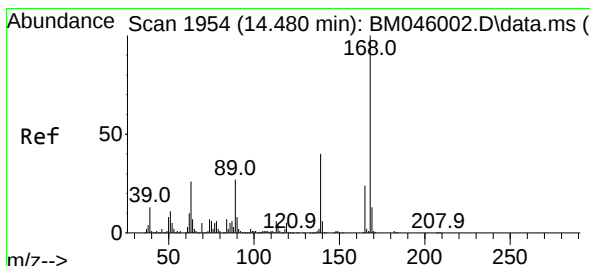
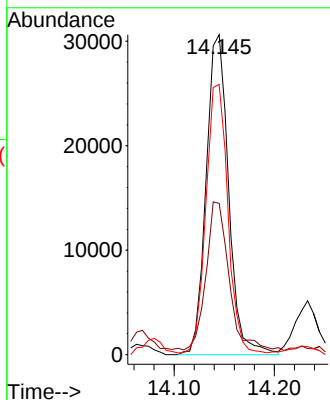
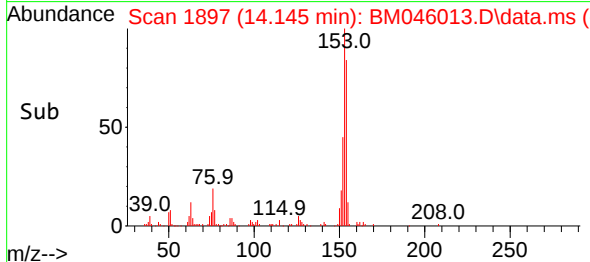
Instrument :
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Tgt Ion:153 Resp: 47745
Ion Ratio Lower Upper
153 100
152 47.3 38.6 58.0
154 84.5 70.7 106.1

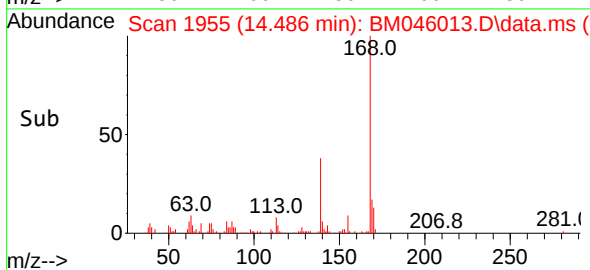
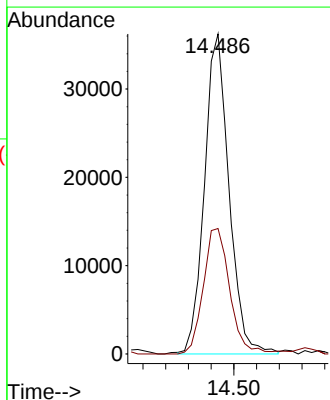
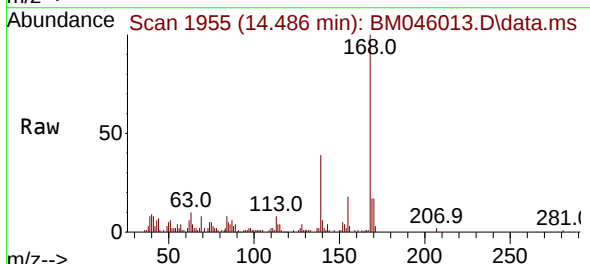
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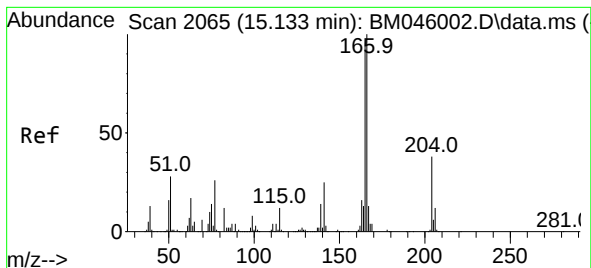
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#56
Dibenzofuran
Concen: 1.262 ng/u1
RT: 14.486 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

Tgt Ion:168 Resp: 54433
Ion Ratio Lower Upper
168 100
139 39.2 32.2 48.2





#61

Fluorene

Concen: 1.953 ng/ul

RT: 15.133 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

Instrument :

BNA_M

ClientSampleId :

BHC27

Tgt Ion:166 Resp: 67869

Ion Ratio Lower Upper

166 100

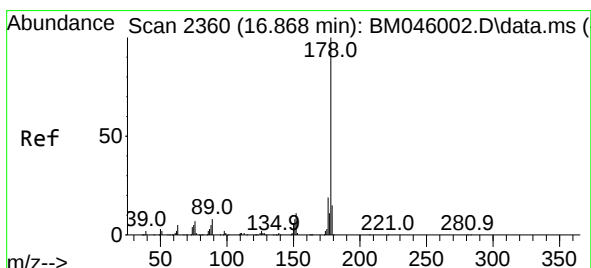
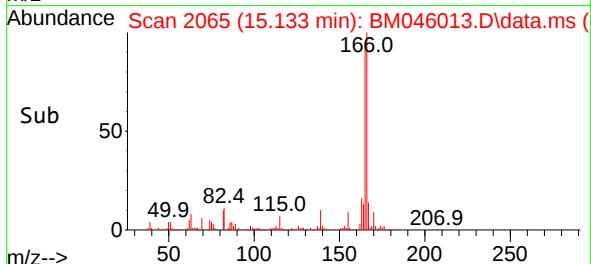
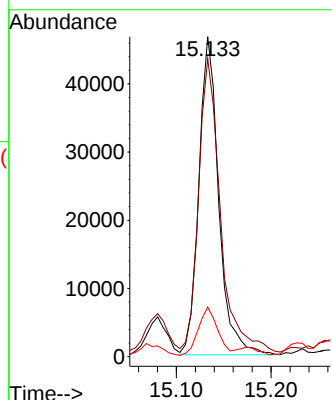
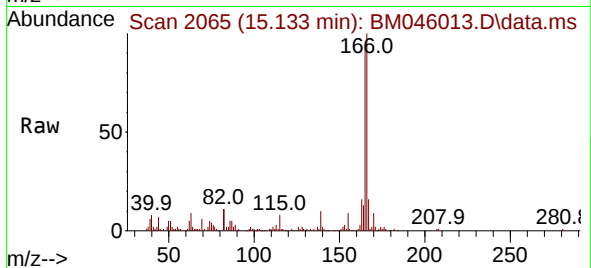
165 93.1 78.1 117.1

167 15.5 10.6 16.0

Manual Integrations

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#72

Phenanthrene

Concen: 32.417 ng/ul

RT: 16.868 min Scan# 2360

Delta R.T. -0.000 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

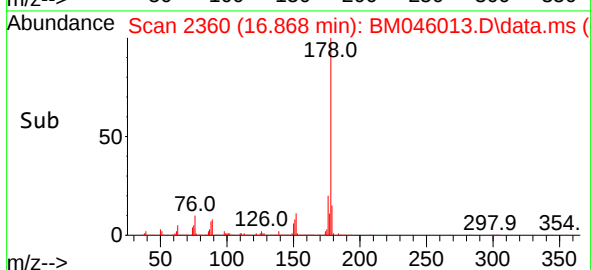
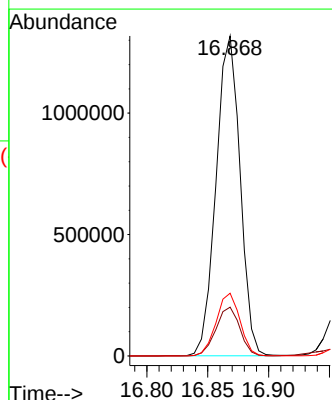
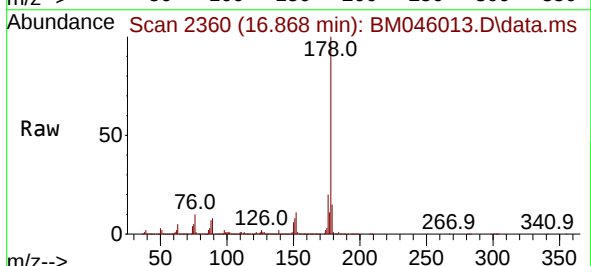
Tgt Ion:178 Resp: 1808330

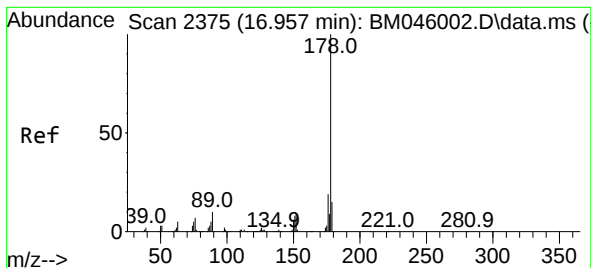
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.6 15.3 22.9





#74

Anthracene

Concen: 5.260 ng/ul

RT: 16.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

Instrument :

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BHC27

Tgt Ion:178 Resp: 293084

Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

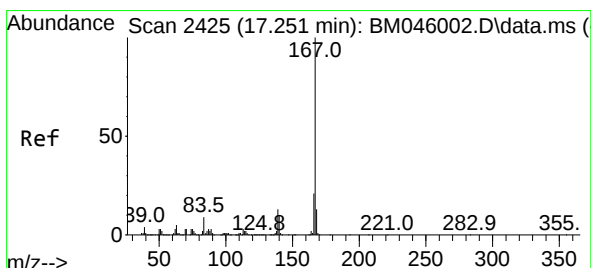
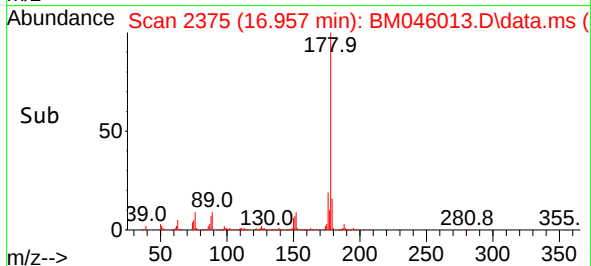
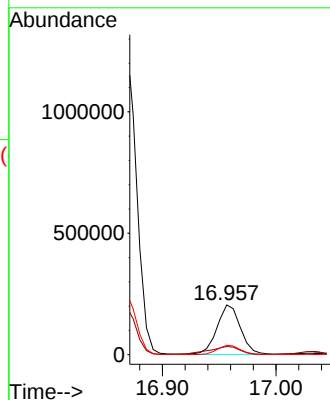
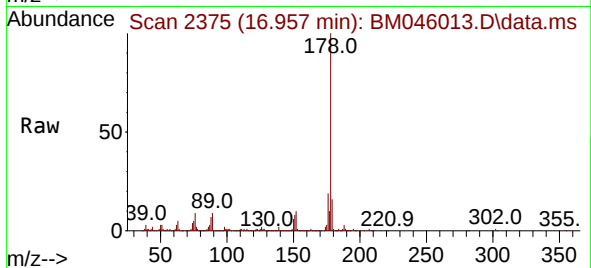
176 19.1 15.0 22.6

Manual Integrations

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#77

Carbazole

Concen: 2.654 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

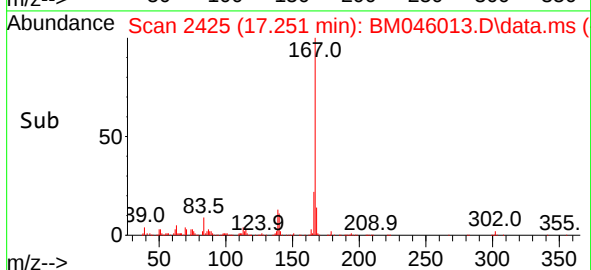
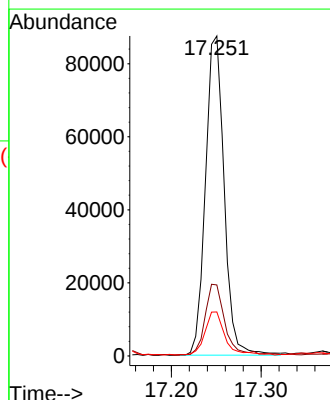
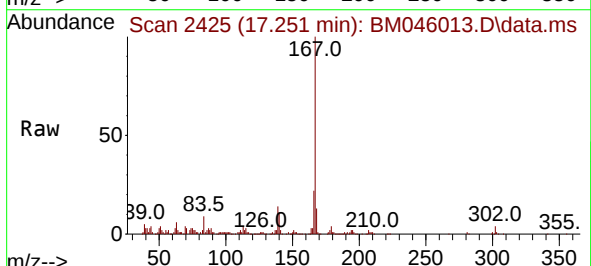
Tgt Ion:167 Resp: 126175

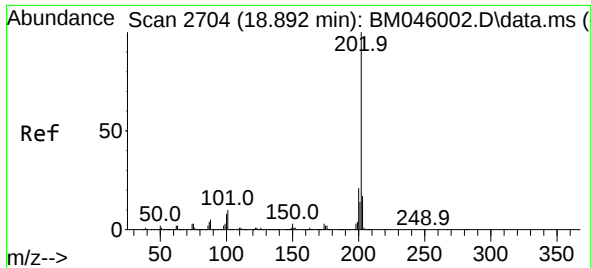
Ion Ratio Lower Upper

167 100

166 22.2 16.6 24.8

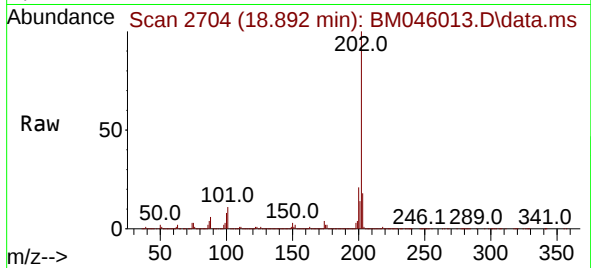
139 13.8 10.6 16.0





#80
Fluoranthene
Concen: 51.217 ng/ul
RT: 18.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

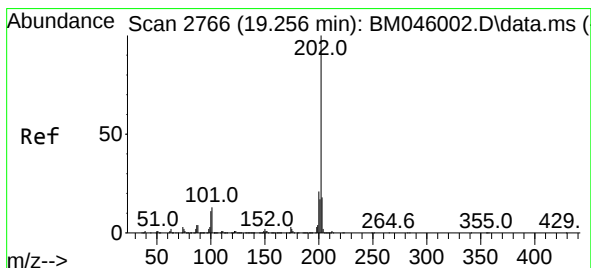
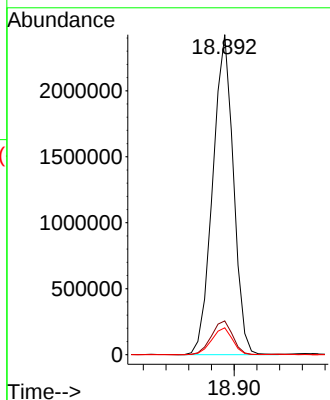
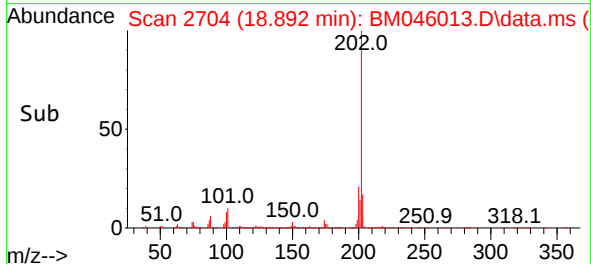
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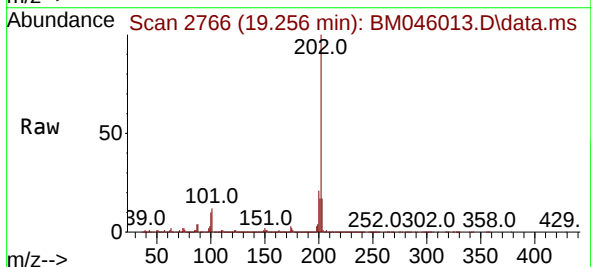
Tgt Ion:202 Resp: 306363
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.4 6.6 10.0

Manual Integrations
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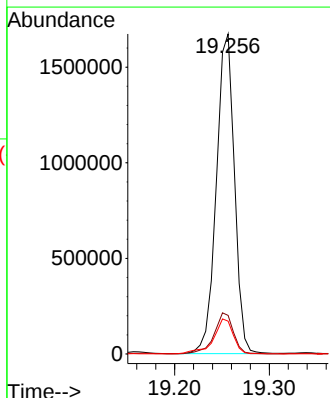
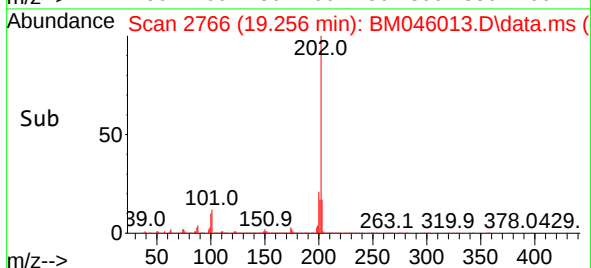
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

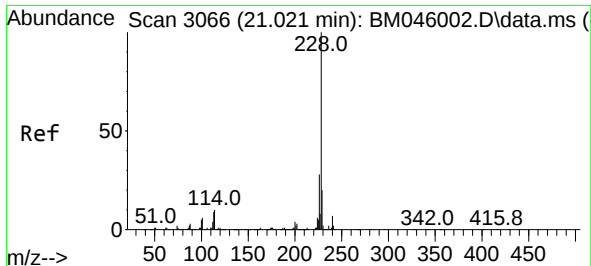


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Pyrene
Concen: 36.285 ng/ul
RT: 19.256 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53



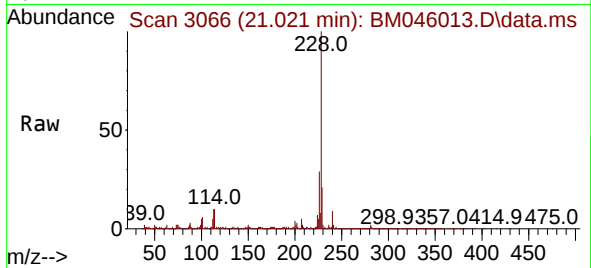
Tgt Ion:202 Resp: 2229948
Ion Ratio Lower Upper
202 100
101 12.1 10.5 15.7
100 10.2 8.6 12.8





#85
Benzo(a)anthracene
Concen: 19.830 ng/ul
RT: 21.021 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

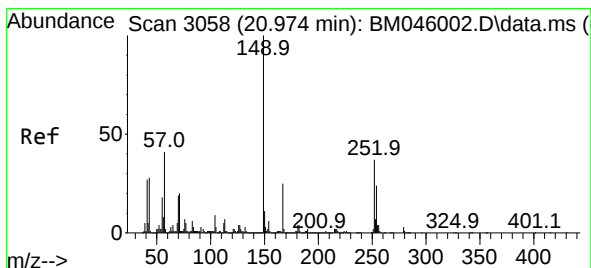
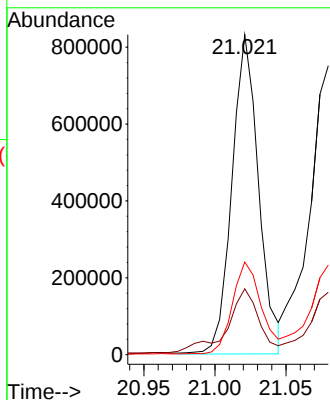
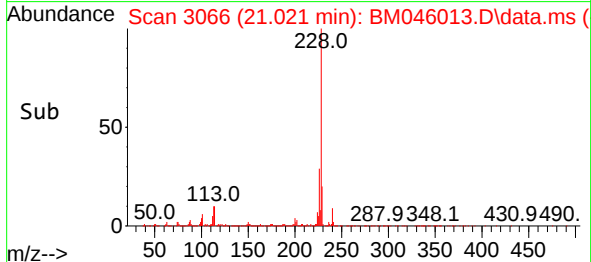
Instrument :
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BHC27



Tgt Ion:228 Resp: 1086334
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 28.9 21.4 32.0

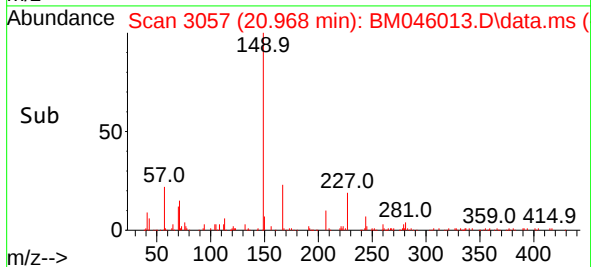
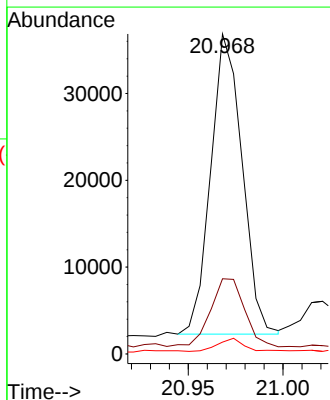
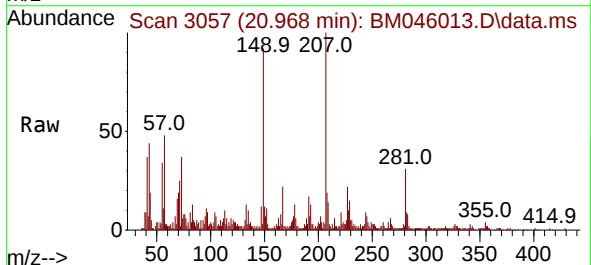
Manual Integrations
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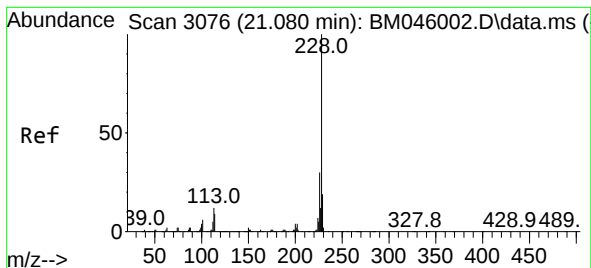
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.070 ng/ul
RT: 20.968 min Scan# 3057
Delta R.T. -0.012 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

Tgt Ion:149 Resp: 39824
Ion Ratio Lower Upper
149 100
167 23.5 20.4 30.6
279 3.7 3.1 4.7





#87

Chrysene

Concen: 21.817 ng/ul

RT: 21.080 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

Instrument :

BNA_M

ClientSampleId :

BHC27

Tgt Ion:228 Resp: 110565

Ion Ratio Lower Upper

228 100

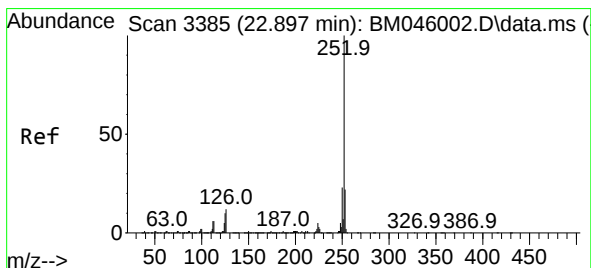
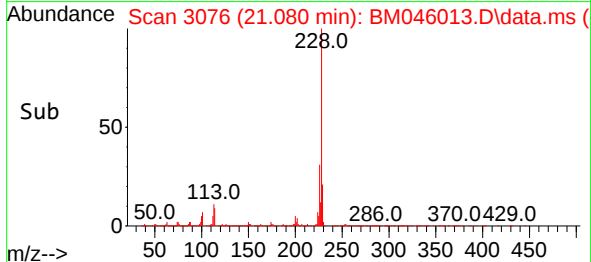
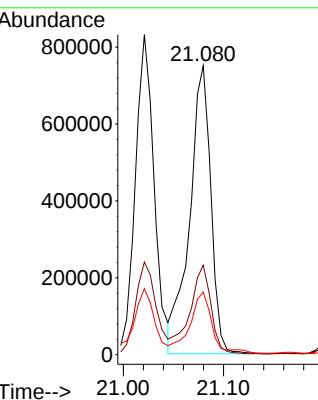
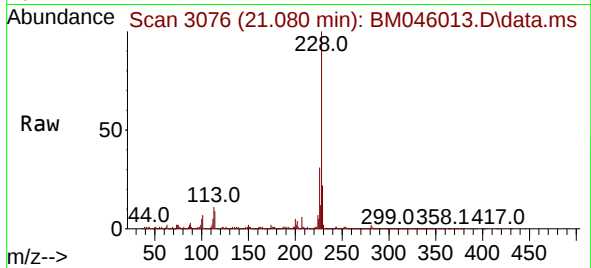
226 31.0 24.2 36.2

229 21.6 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#90

Benzo(b)fluoranthene

Concen: 27.580 ng/ul

RT: 22.897 min Scan# 3385

Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

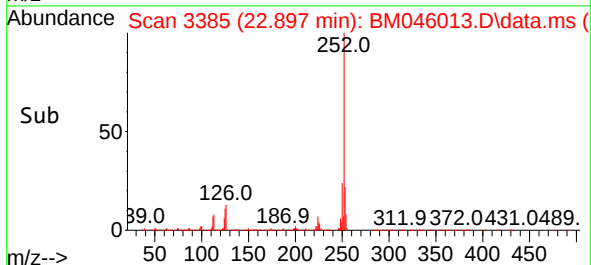
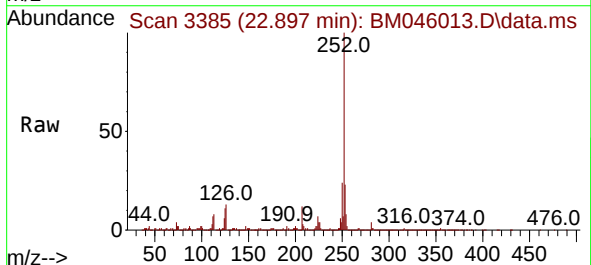
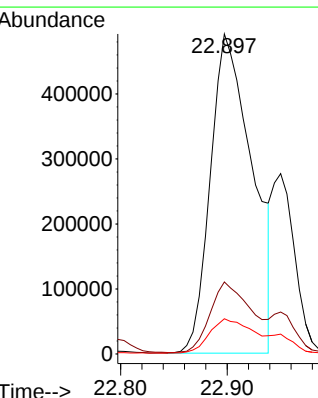
Tgt Ion:252 Resp: 1341992

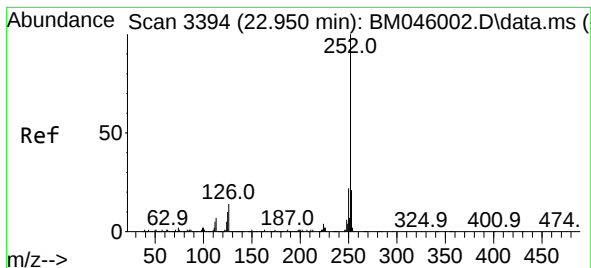
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 11.0 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 8.324 ng/u1

RT: 22.950 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

Instrument :

BNA_M

ClientSampleId :

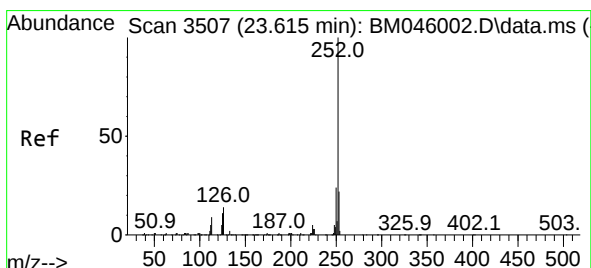
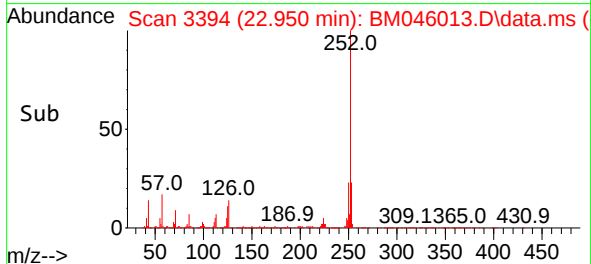
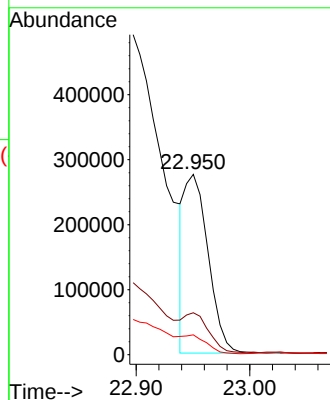
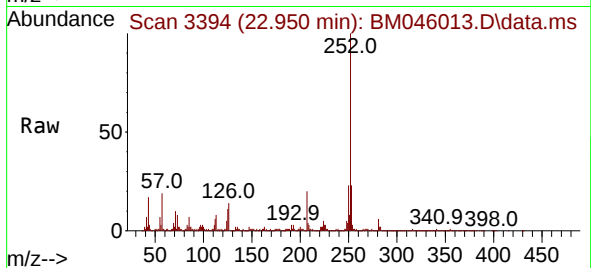
BHC27

Tgt Ion:252 Resp: 395611
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.8 25.2
 125 11.0 8.2 12.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



#93

Benzo(a)pyrene

Concen: 12.829 ng/u1

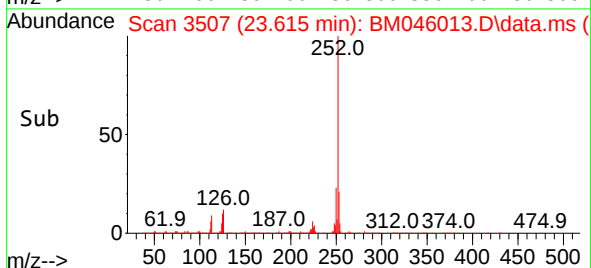
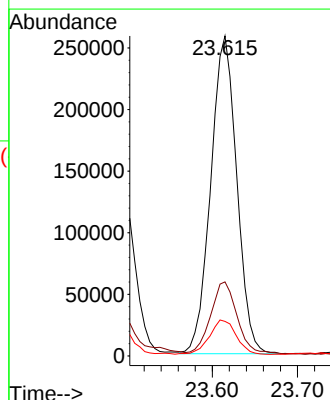
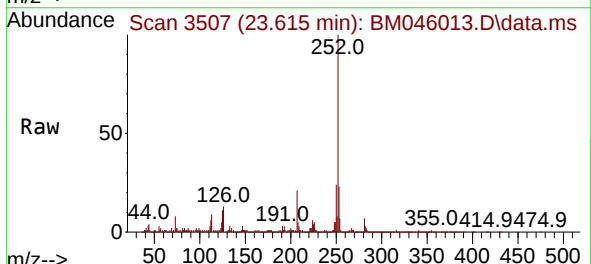
RT: 23.615 min Scan# 3507

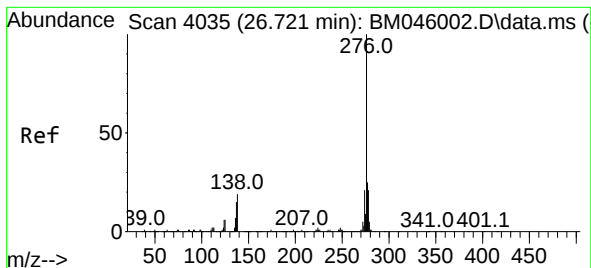
Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

Tgt Ion:252 Resp: 548522
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.5 26.3
 125 10.8 9.3 13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.960 ng/ul

RT: 26.721 min Scan# 4035

Delta R.T. -0.006 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

Instrument :

BNA_M

ClientSampleId :

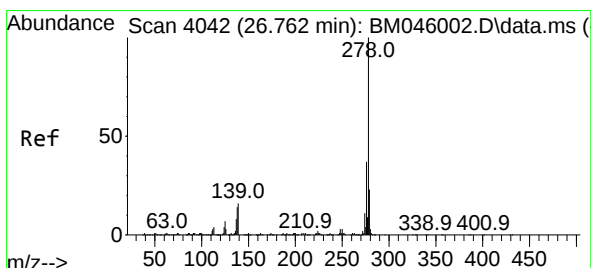
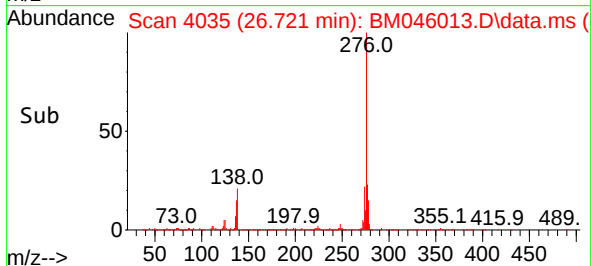
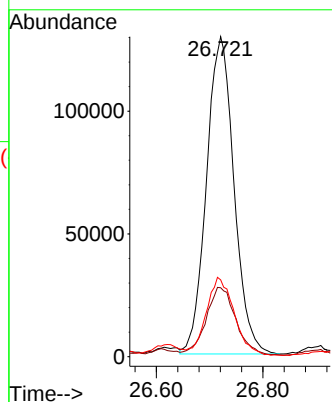
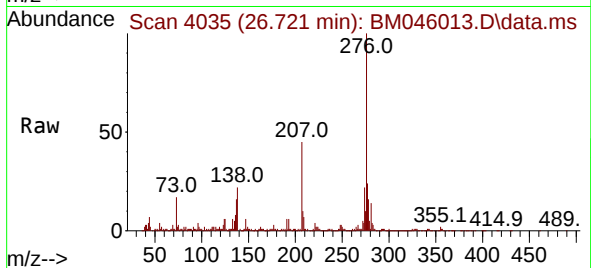
BHC27

Tgt Ion:	276	Resp:	465052
Ion Ratio	Lower	Upper	
276	100		
138	21.6	17.9	26.9
277	24.0	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.993 ng/ul

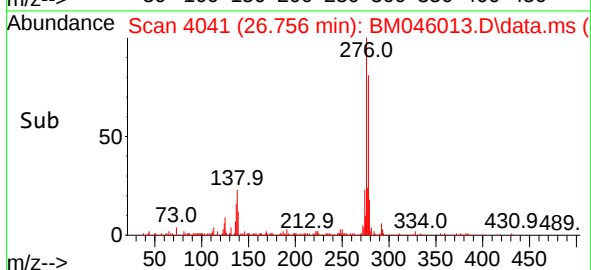
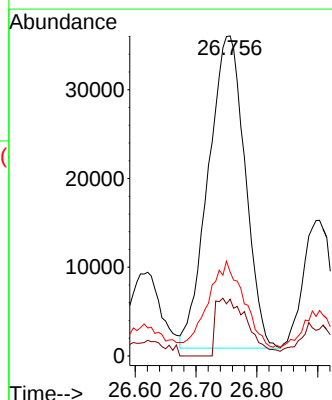
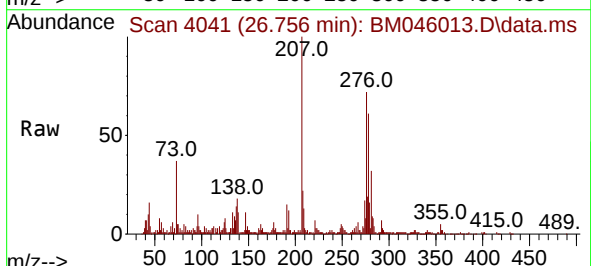
RT: 26.756 min Scan# 4041

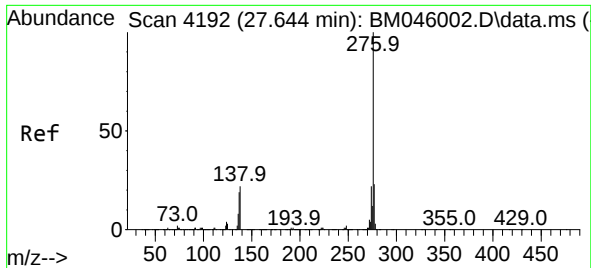
Delta R.T. -0.018 min

Lab File: BM046013.D

Acq: 13 Jun 2024 01:53

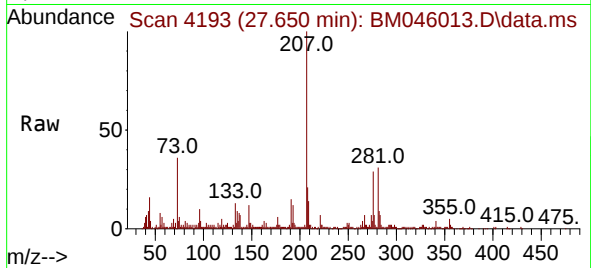
Tgt Ion:	278	Resp:	147474
Ion Ratio	Lower	Upper	
278	100		
139	17.7	13.2	19.8
279	26.2	19.1	28.7





#96
Benzo(g,h,i)perylene
Concen: 1.664 ng/ul m
RT: 27.650 min Scan# 4193
Delta R.T. -0.006 min
Lab File: BM046013.D
Acq: 13 Jun 2024 01:53

Instrument :
BNA_M
ClientSampleId :
BHC27



Tgt Ion: 276 Resp: 6844
Ion Ratio Lower Upper
276 100
138 23.7 18.6 27.8
277 24.8 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

