

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039516.D
 Acq On : 20 Apr 2023 04:17
 Operator : CG/JU
 Sample : 02296-15DL2 300X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM0DL2

Quant Time: Apr 20 07:35:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/20/2023
 Supervised By : Jagrut Upadhyay 04/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	238920	20.000	ng/u1	0.00
20) Naphthalene-d8	10.636	136	1189337	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	773848	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	1625452	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	1185833	20.000	ng/u1	0.00
88) Perylene-d12	23.789	264	1147907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.013	128	2015	0.211	ng/u1	0.01
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.901	166	7680	0.123	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	6372	0.091	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.477	176	6268	0.123	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.330	188	12886	0.165	ng/u1	0.00
81) Pyrene-d10	19.630	212	9443	0.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.636	264	6413	0.103	ng/u1	0.00
Target Compounds						
						Qvalue
30) Naphthalene	10.689	128	10150200	154.247	ng/u1	99
36) 2-Methylnaphthalene	12.301	142	3313755	75.118	ng/u1	99
37) 1-Methylnaphthalene	12.519	142	1437113	32.418	ng/u1	98
43) 1,1'-Biphenyl	13.313	154	835574	13.972	ng/u1	99
52) Acenaphthene	14.548	153	2690712	52.109	ng/u1	100
56) Dibenzofuran	14.883	168	2466224	35.139	ng/u1	99
61) Fluorene	15.530	166	1831784	31.551	ng/u1	99
72) Phenanthrene	17.277	178	5042241	55.875	ng/u1	99
74) Anthracene	17.365	178	569249	6.288	ng/u1	97
77) Carbazole	17.648	167	214695	2.669	ng/u1	99
80) Fluoranthene	19.295	202	1735740	18.793	ng/u1	97
82) Pyrene	19.659	202	1129850	11.817	ng/u1	97
85) Benzo(a)anthracene	21.406	228	151307	1.764	ng/u1	97
87) Chrysene	21.459	228	128780m	1.574	ng/u1	

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

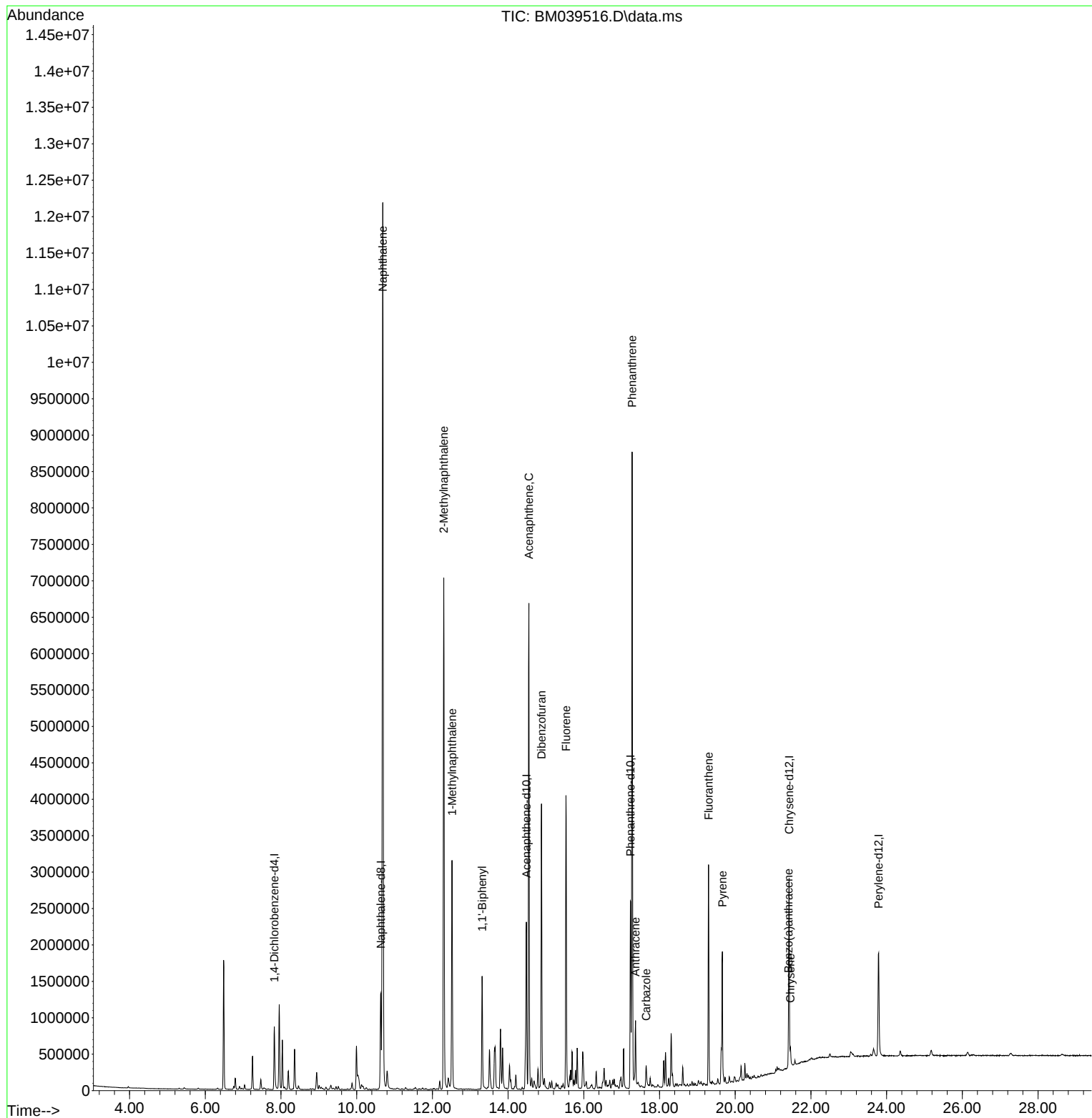
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039516.D
Acq On : 20 Apr 2023 04:17
Operator : CG/JU
Sample : 02296-15DL2 300X
Misc :
ALS Vial : 68 Sample Multiplier: 1

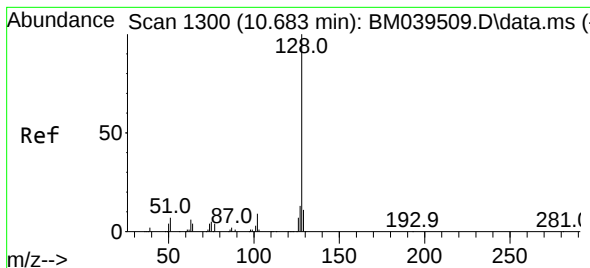
Instrument :
BNA_M
ClientSampleId :
DCBM0DL2

Quant Time: Apr 20 07:35:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

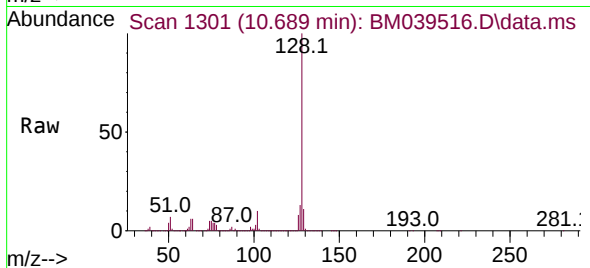
Reviewed By : Christian Giraldo 04/20/2023
Supervised By : Jagrut Upadhyay 04/20/2023





#30
Naphthalene
Concen: 154.247 ng/ul
RT: 10.689 min Scan# 1300
Delta R.T. 0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

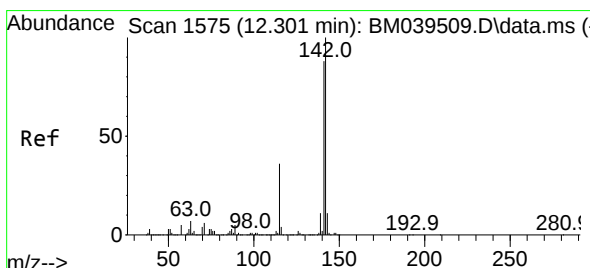
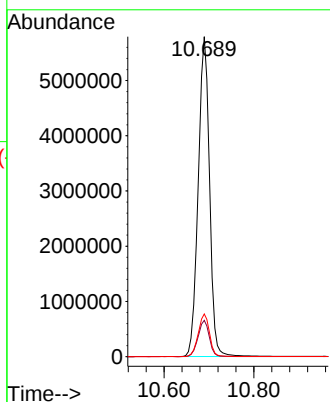
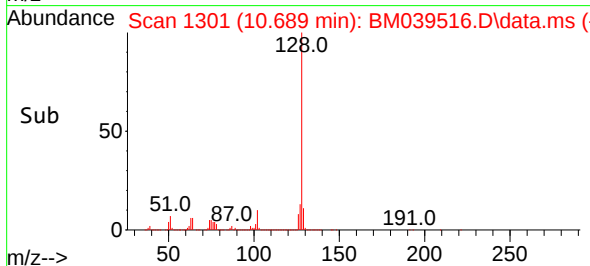
Instrument :
BNA_M
ClientSampleId :
DCBM0DL2



Tgt Ion:128 Resp:10150200
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.5 15.7

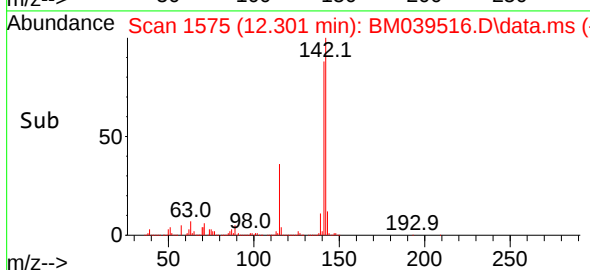
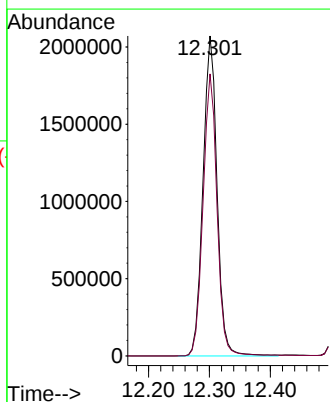
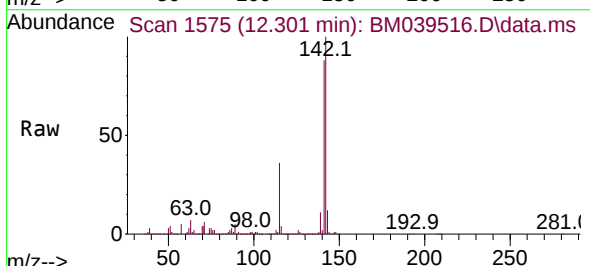
Manual Integrations
APPROVED

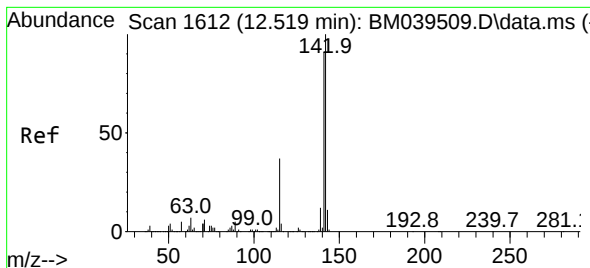
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#36
2-Methylnaphthalene
Concen: 75.118 ng/ul
RT: 12.301 min Scan# 1575
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

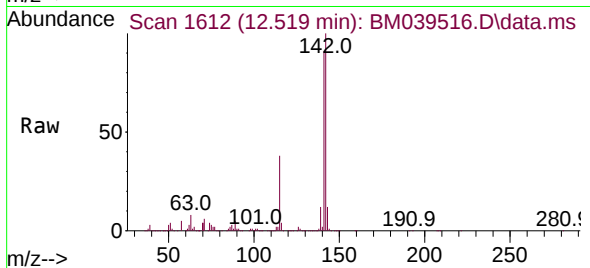
Tgt Ion:142 Resp: 3313755
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#37
1-Methylnaphthalene
Concen: 32.418 ng/ul
RT: 12.519 min Scan# 1612
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

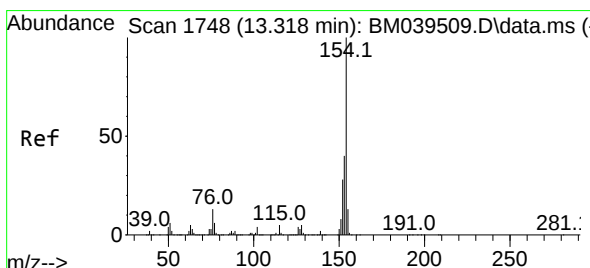
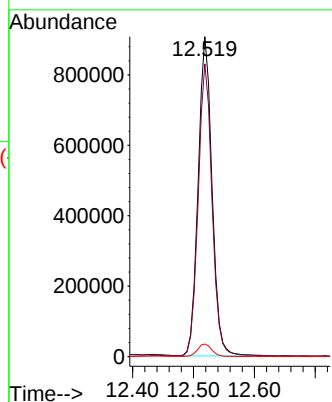
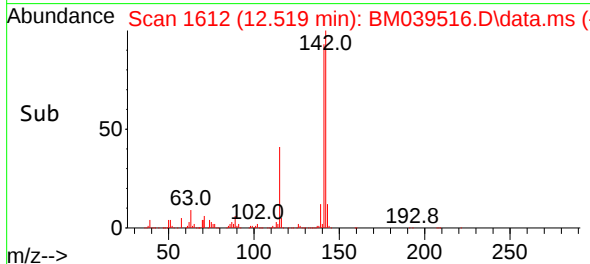
Instrument :
BNA_M
ClientSampleId :
DCBM0DL2



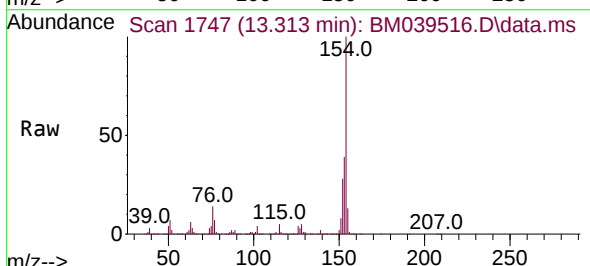
Tgt Ion:142 Resp: 1437113
Ion Ratio Lower Upper
142 100
141 91.5 72.0 108.0
116 3.9 3.2 4.8

Manual Integrations
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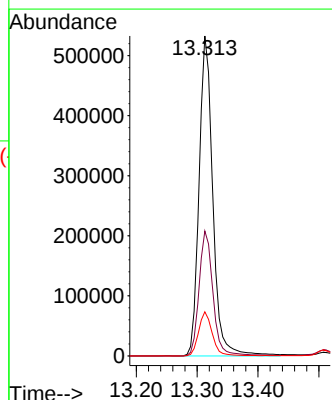
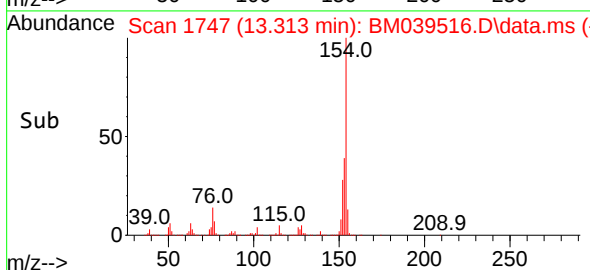
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

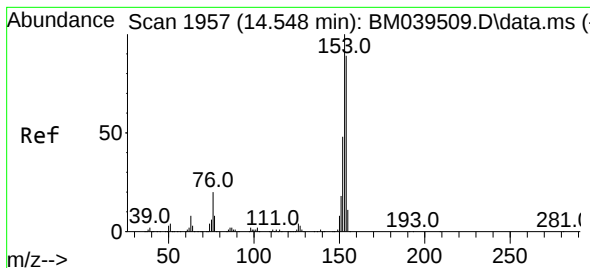


#43
1,1'-Biphenyl
Concen: 13.972 ng/ul
RT: 13.313 min Scan# 1747
Delta R.T. -0.009 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17



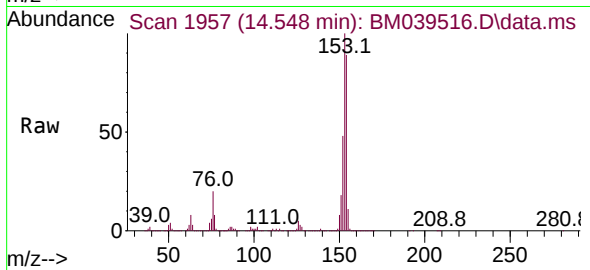
Tgt Ion:154 Resp: 835574
Ion Ratio Lower Upper
154 100
153 39.0 31.9 47.9
76 13.8 11.5 17.3





#52
Acenaphthene
Concen: 52.109 ng/ul
RT: 14.548 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

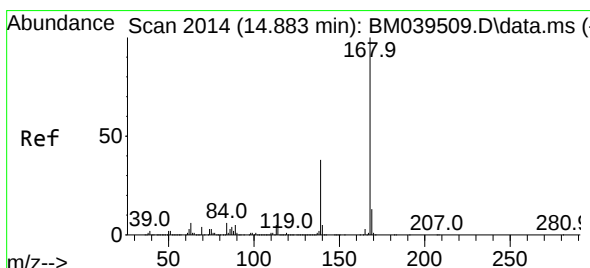
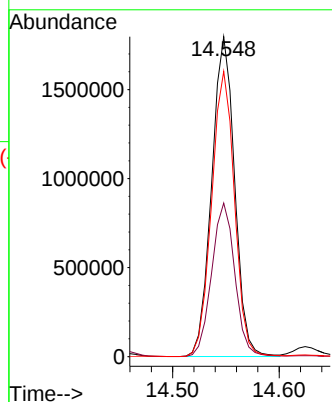
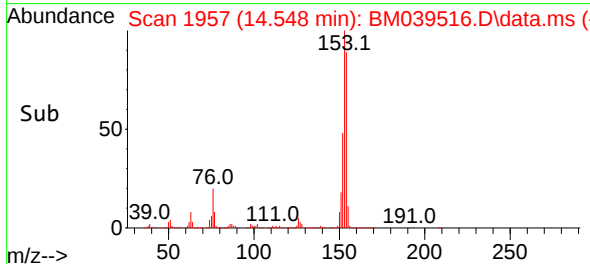
Instrument :
BNA_M
ClientSampleId :
DCBM0DL2



Tgt Ion:153 Resp: 2690712
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 89.1 71.0 106.4

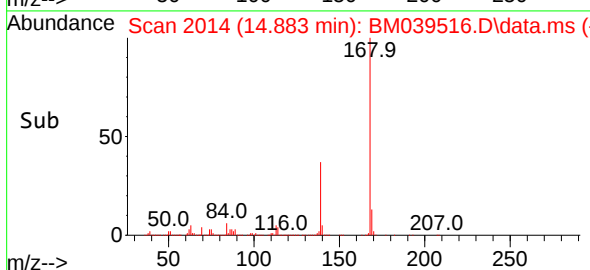
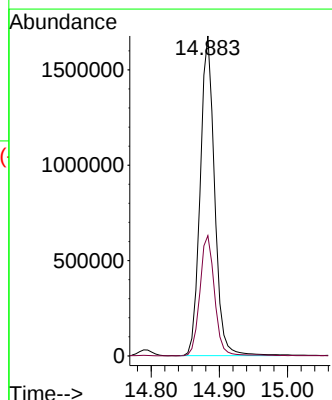
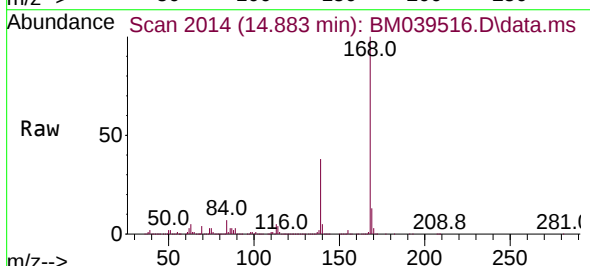
Manual Integrations
APPROVED

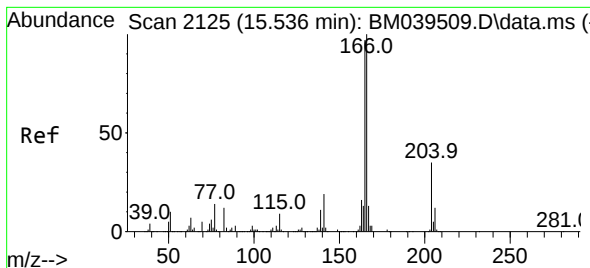
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#56
Dibenzofuran
Concen: 35.139 ng/ul
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:168 Resp: 2466224
Ion Ratio Lower Upper
168 100
139 37.6 30.7 46.1





#61

Fluorene

Concen: 31.551 ng/ul

RT: 15.530 min Scan# 2125

Delta R.T. -0.009 min

Lab File: BM039516.D

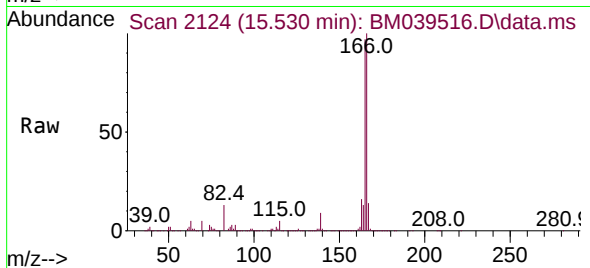
Acq: 20 Apr 2023 04:17

Instrument :

BNA_M

ClientSampleId :

DCBM0DL2



Tgt Ion:166 Resp: 1831784

Ion Ratio Lower Upper

166 100

165 97.2 78.2 117.2

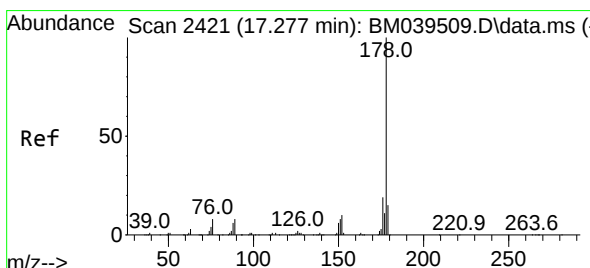
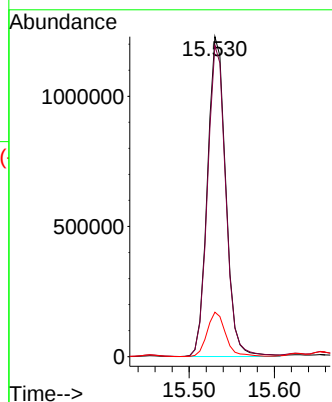
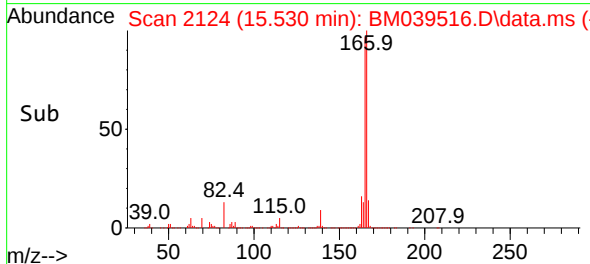
167 13.9 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/20/2023

Supervised By :Jagrut Upadhyay 04/20/2023



#72

Phenanthrene

Concen: 55.875 ng/ul

RT: 17.277 min Scan# 2421

Delta R.T. -0.003 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

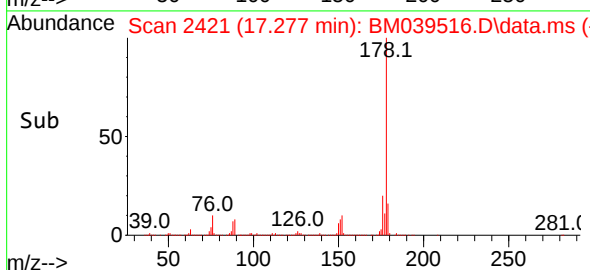
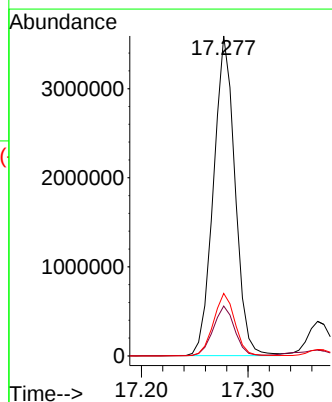
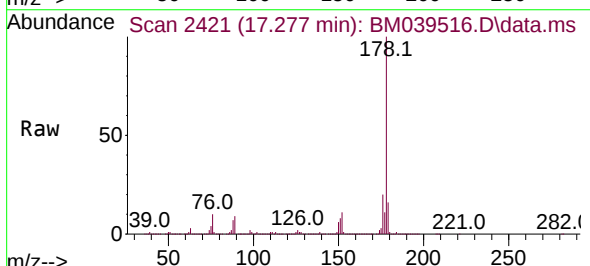
Tgt Ion:178 Resp: 5042241

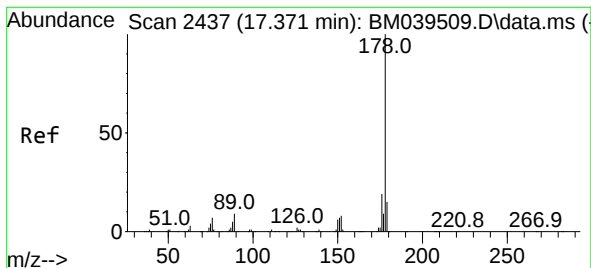
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.5 15.8 23.8





#74

Anthracene

Concen: 6.288 ng/ul

RT: 17.365 min Scan# 2437

Delta R.T. -0.009 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

Instrument :

BNA_M

ClientSampleId :

DCBM0DL2

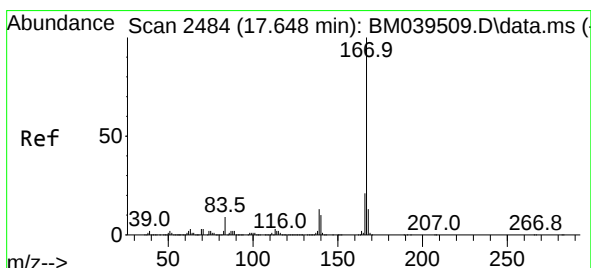
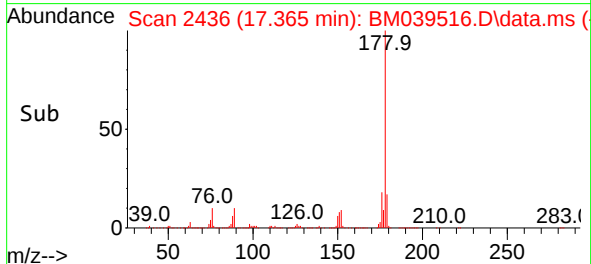
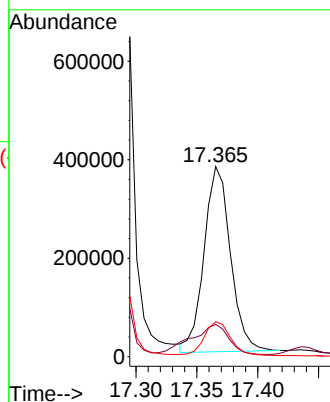
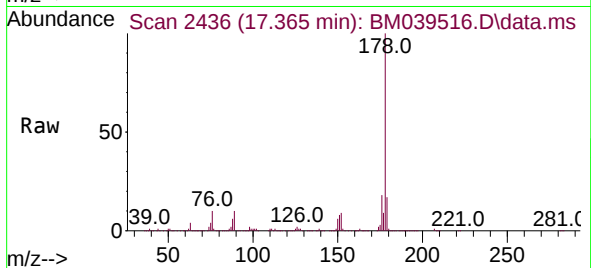
Tgt Ion:178	Resp: 569249
Ion Ratio	Lower Upper
178 100	
179 17.0	12.1 18.1
176 18.3	15.0 22.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/20/2023

Supervised By :Jagrut Upadhyay 04/20/2023



#77

Carbazole

Concen: 2.669 ng/ul

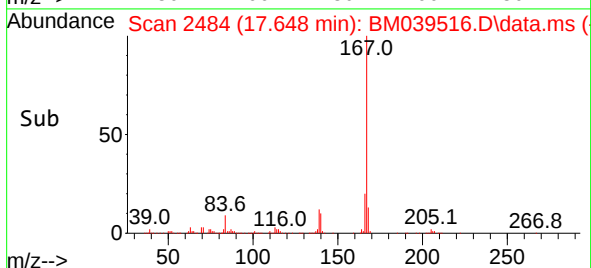
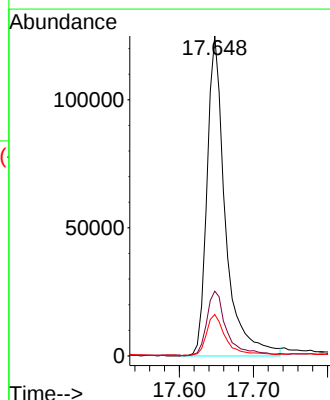
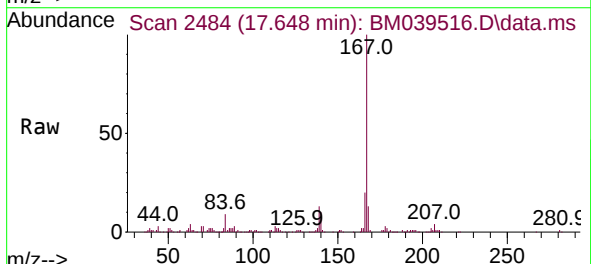
RT: 17.648 min Scan# 2484

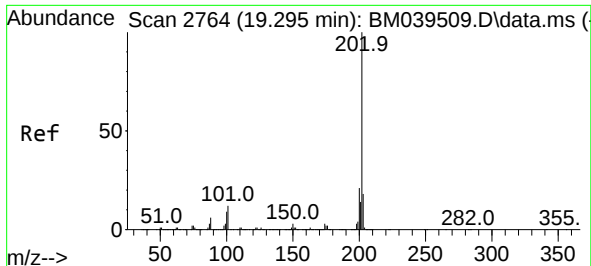
Delta R.T. -0.003 min

Lab File: BM039516.D

Acq: 20 Apr 2023 04:17

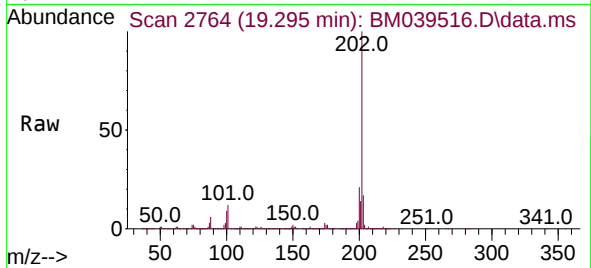
Tgt Ion:167	Resp: 214695
Ion Ratio	Lower Upper
167 100	
166 20.3	17.0 25.4
139 12.9	10.6 15.8





#80
Fluoranthene
Concen: 18.793 ng/ul
RT: 19.295 min Scan# 2764
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

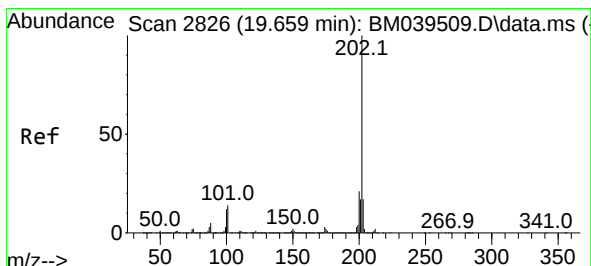
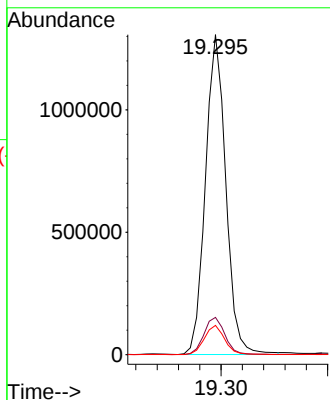
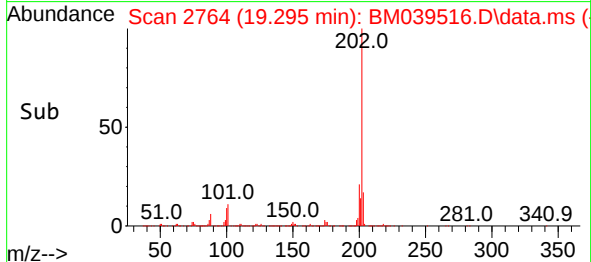
Instrument :
BNA_M
ClientSampleId :
DCBM0DL2



Tgt Ion:202 Resp: 1735740
Ion Ratio Lower Upper
202 100
101 11.6 10.4 15.6
100 9.1 7.7 11.5

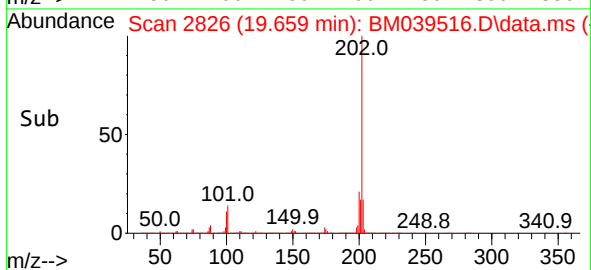
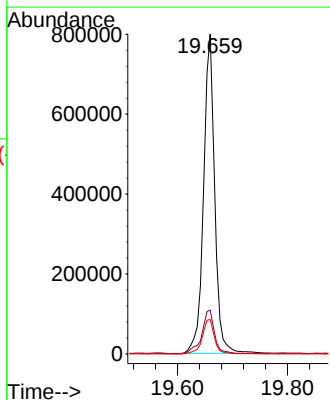
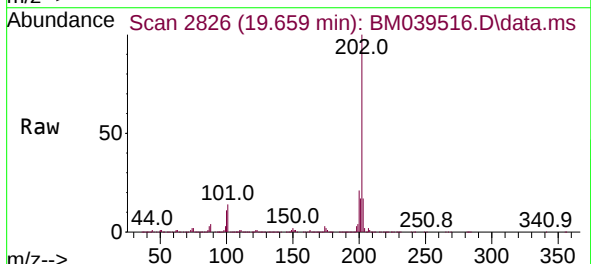
Manual Integrations
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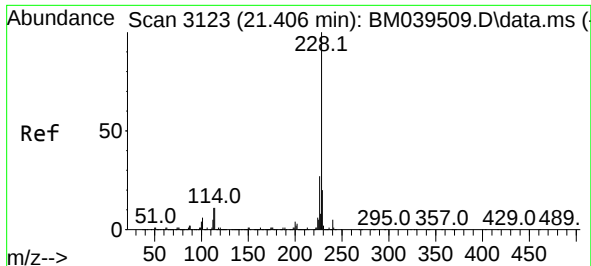
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#82
Pyrene
Concen: 11.817 ng/ul
RT: 19.659 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

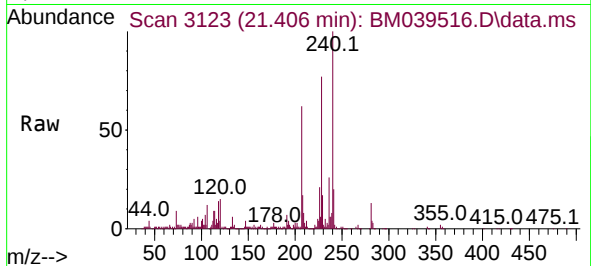
Tgt Ion:202 Resp: 1129850
Ion Ratio Lower Upper
202 100
101 13.7 12.1 18.1
100 10.7 9.6 14.4





#85
Benzo(a)anthracene
Concen: 1.764 ng/ul
RT: 21.406 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

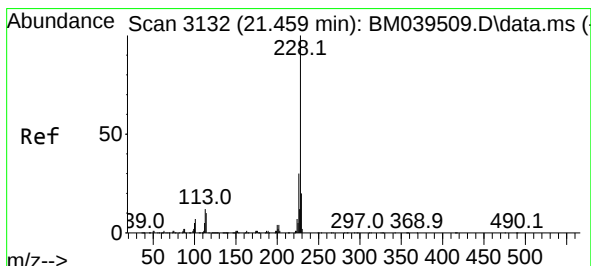
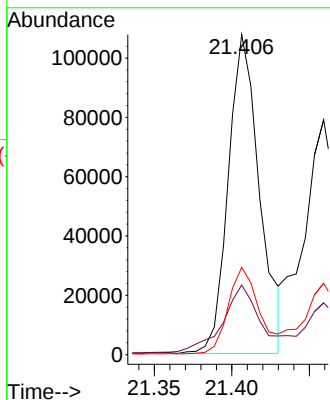
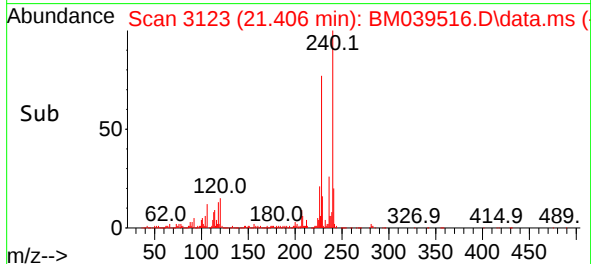
Instrument :
BNA_M
ClientSampleId :
DCBM0DL2



Tgt Ion:228 Resp: 151307
Ion Ratio Lower Upper
228 100
229 21.7 15.4 23.2
226 27.3 21.6 32.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#87
Chrysene
Concen: 1.574 ng/ul m
RT: 21.459 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BM039516.D
Acq: 20 Apr 2023 04:17

Tgt Ion:228 Resp: 128780
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 22.1 15.8 23.6

