

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
 Acq On : 19 Apr 2023 18:05
 Operator : CG/JU
 Sample : 02296-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM2

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 00:32:25 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	232077	20.000	ng/u1	0.00
20) Naphthalene-d8	10.689	136	580707m	20.000	ng/u1	0.05
38) Acenaphthene-d10	14.489	164	654532	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	1338477	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	952347	20.000	ng/u1	0.00
88) Perylene-d12	23.794	264	881795	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	20734	3.429	ng/uL	0.00
4) Pyridine-d5	3.666	84	47181m	2.777	ng/u1	0.03
7) Phenol-d5	7.019	99	124616	5.867	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	380591	27.109	ng/u1	0.00
11) 2-Chlorophenol-d4	7.366	132	387525	23.258	ng/u1	0.00
15) 4-Methylphenol-d8	8.572	113	261091	15.259	ng/u1	0.00
21) Nitrobenzene-d5	9.013	128	291339	62.360	ng/u1	0.01
24) 2-Nitrophenol-d4	9.742	143	301025	57.381	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.348	165	485106	53.741	ng/u1	0.08
31) 4-Chloroaniline-d4	10.866	131	172588m	12.802	ng/u1	0.08
46) Dimethylphthalate-d6	13.913	166	1695992	32.129	ng/u1	0.00
49) Acenaphthylene-d8	14.183	160	1950584	32.892	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	42433	5.311	ng/u1	0.02
60) Fluorene-d10	15.483	176	1452987	33.596	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200	196621	22.106	ng/u1	0.00
73) Anthracene-d10	17.342	188	2161365	33.577	ng/u1	0.00
81) Pyrene-d10	19.636	212	2404343	37.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.642	264	1668015	35.037	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.695	128	93087898m	2897.236	ng/u1	
36) 2-Methylnaphthalene	12.342	142	28043648m	1301.988	ng/u1	
37) 1-Methylnaphthalene	12.560	142	17283961	798.520	ng/u1	98
43) 1,1'-Biphenyl	13.330	154	8425645	166.570	ng/u1	98
50) Acenaphthylene	14.207	152	524559	8.269	ng/u1#	90
52) Acenaphthene	14.583	153	19681655	450.643	ng/u1	98
56) Dibenzofuran	14.901	168	17591149	296.332	ng/u1	92
61) Fluorene	15.554	166	11060878	225.246	ng/u1	100
72) Phenanthrene	17.295	178	13856925	186.478	ng/u1	98
74) Anthracene	17.377	178	839397m	11.260	ng/u1	
77) Carbazole	17.671	167	19217874m	290.112	ng/u1	
80) Fluoranthene	19.301	202	1470327	19.822	ng/u1	97
82) Pyrene	19.665	202	825004	10.744	ng/u1	96

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

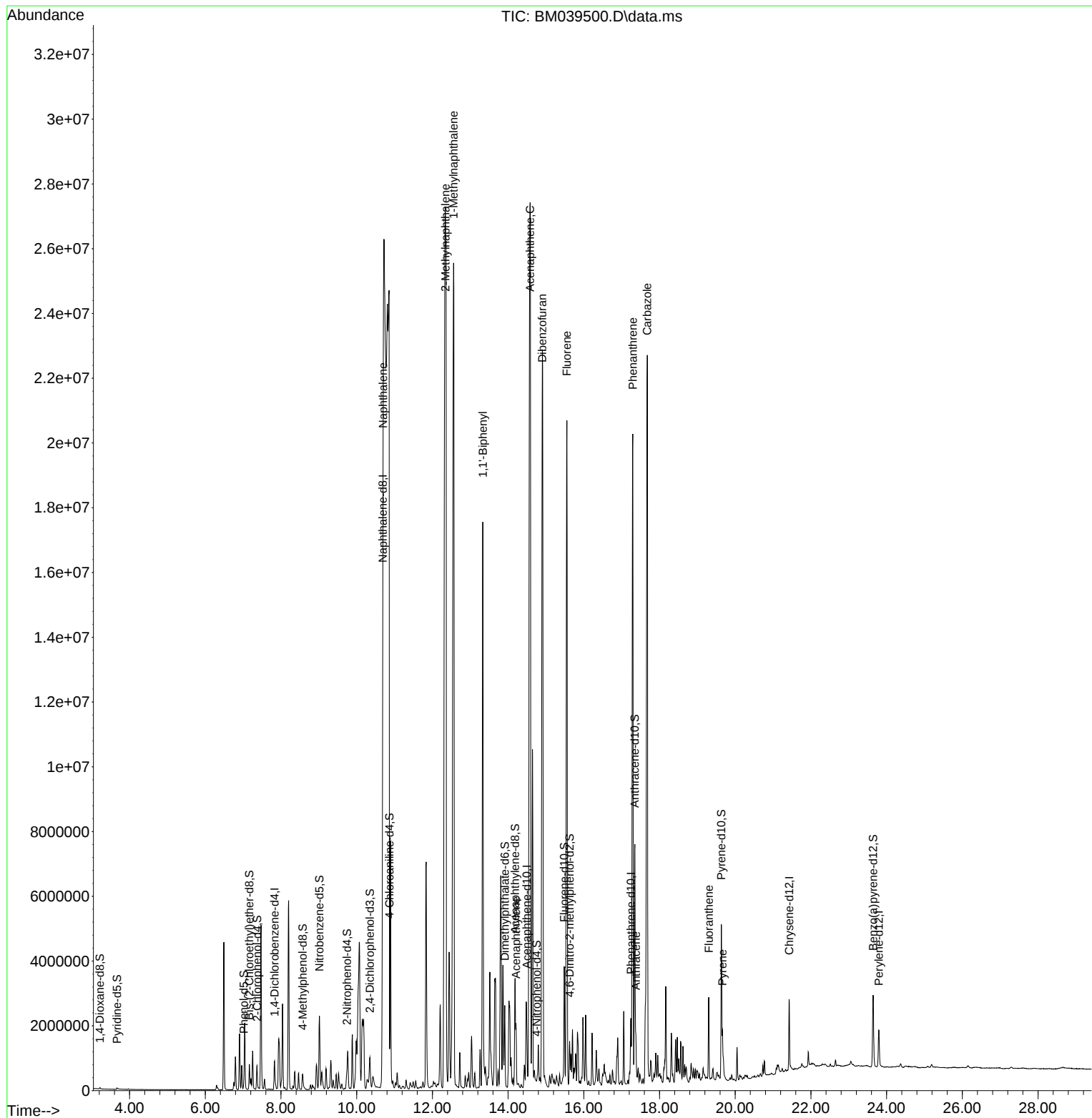
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

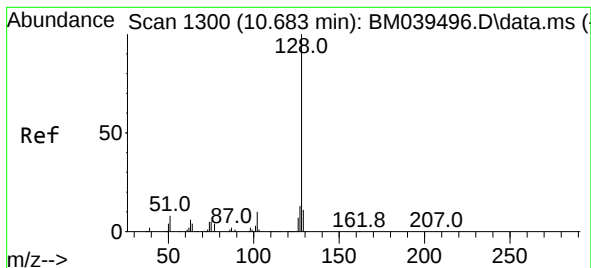
Instrument :
BNA_M
ClientSampleId :
DCBM2

Quant Time: Apr 20 00:32:25 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

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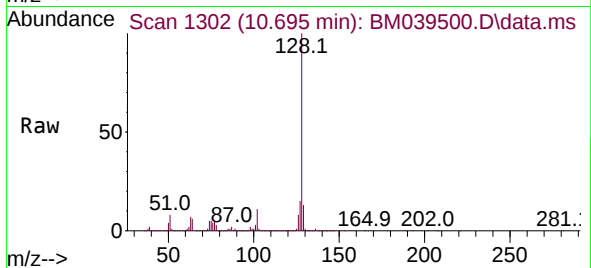
Reviewed By : Christian Giraldo 04/20/2023
Supervised By : Jagrut Upadhyay 04/20/2023





#30
Naphthalene
Concen: 2897.236 ng/ul m
RT: 10.695 min Scan# 1300
Delta R.T. 0.009 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

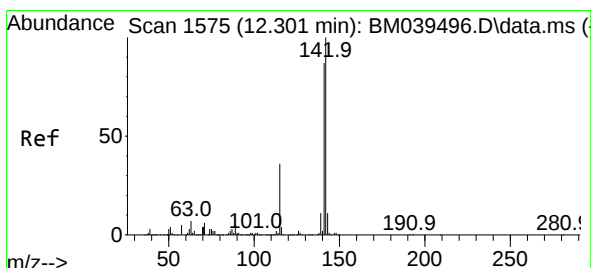
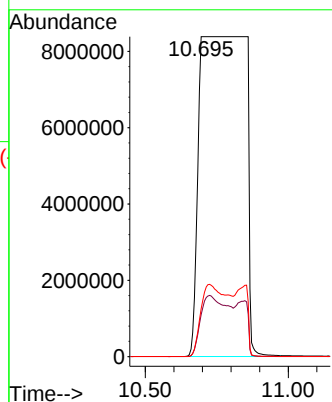
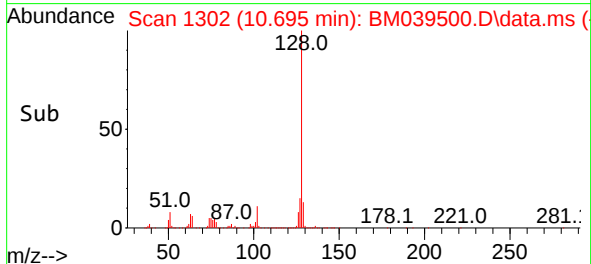
Instrument :
BNA_M
ClientSampleId :
DCBM2



Tgt Ion:128 Resp:9308789
Ion Ratio Lower Upper
128 100
129 13.1 8.9 13.3
127 15.0 10.5 15.7

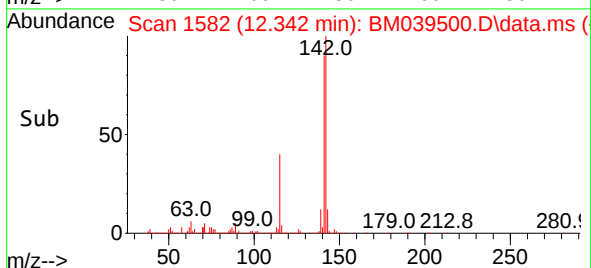
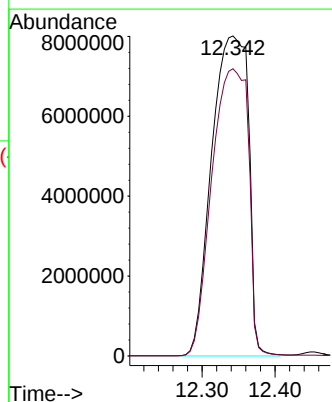
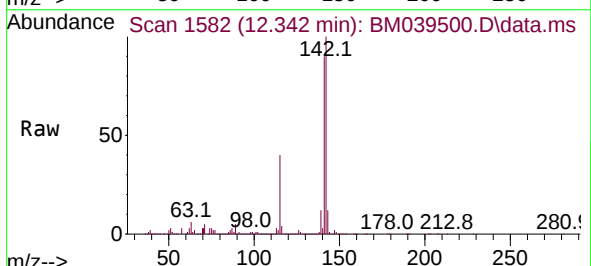
Manual Integrations
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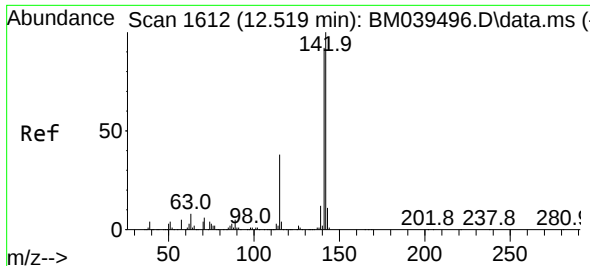
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#36
2-Methylnaphthalene
Concen: 1301.988 ng/ul m
RT: 12.342 min Scan# 1582
Delta R.T. 0.038 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion:142 Resp:28043648
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7





#37

1-Methylnaphthalene

Concen: 798.520 ng/ul

RT: 12.560 min Scan# 1619

Delta R.T. 0.038 min

Lab File: BM039500.D

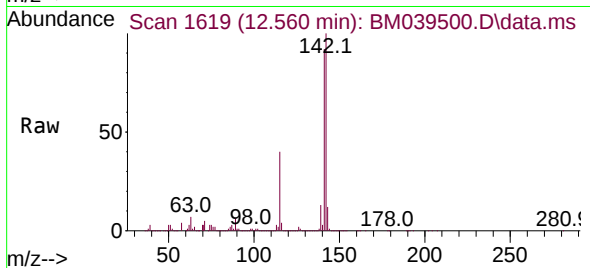
Acq: 19 Apr 2023 18:05

Instrument :

BNA_M

ClientSampleId :

DCBM2



Tgt Ion:142 Resp:1728396

Ion Ratio Lower Upper

142 100

141 92.0 72.0 108.0

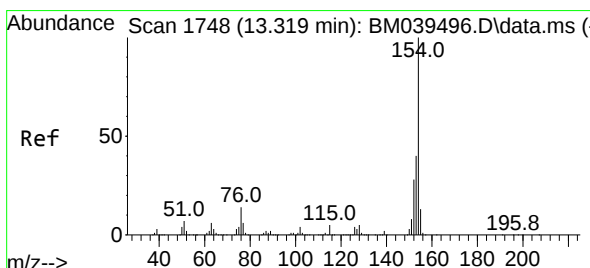
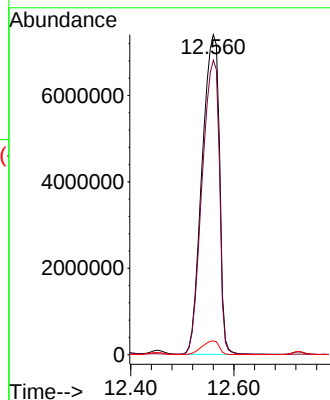
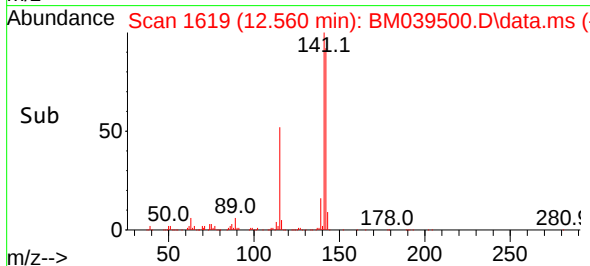
116 4.3 3.2 4.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/20/2023



#43

1,1'-Biphenyl

Concen: 166.570 ng/ul

RT: 13.330 min Scan# 1750

Delta R.T. 0.009 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

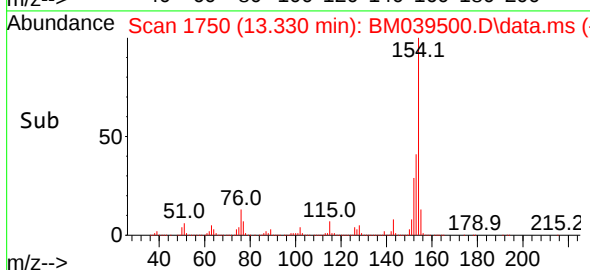
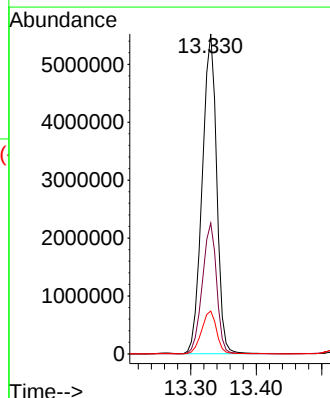
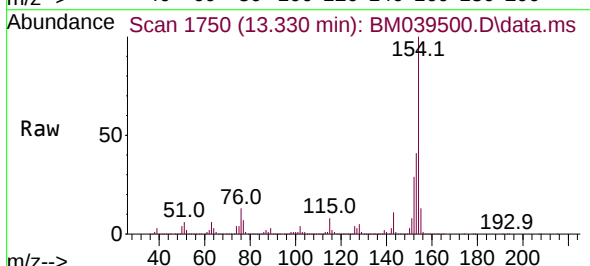
Tgt Ion:154 Resp: 8425645

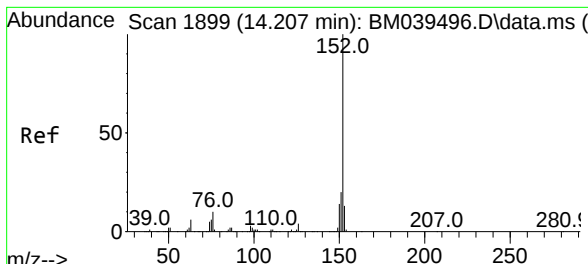
Ion Ratio Lower Upper

154 100

153 40.9 31.9 47.9

76 13.4 11.5 17.3





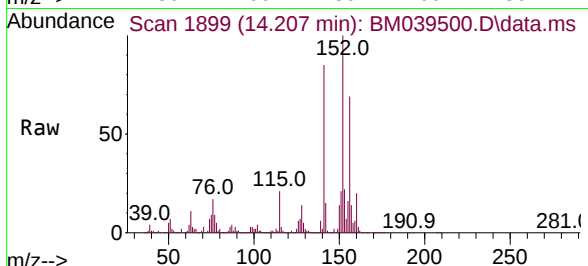
#50
Acenaphthylene
Concen: 8.269 ng/ul
RT: 14.207 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Instrument :

BNA_M

ClientSampleId :

DCBM2

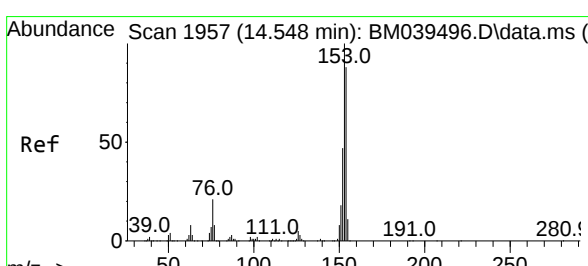
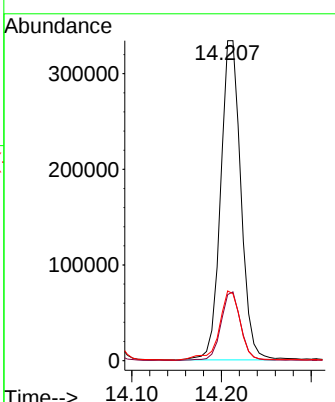
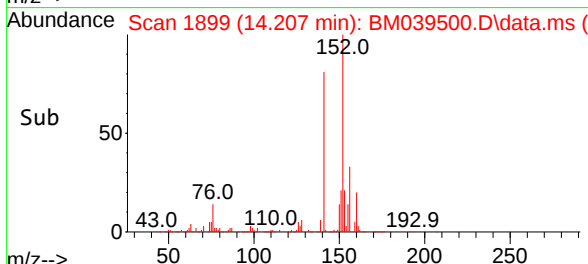


Tgt Ion:152 Resp: 524555

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	21.8	10.4	15.6

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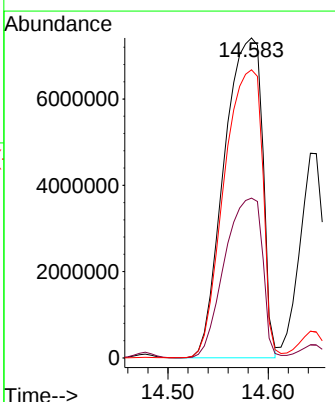
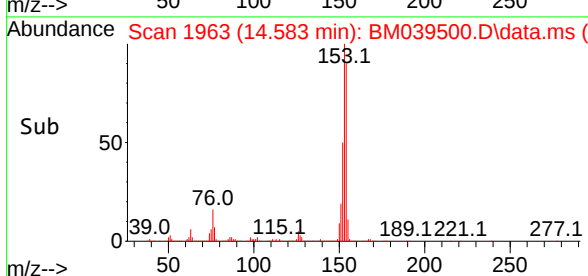
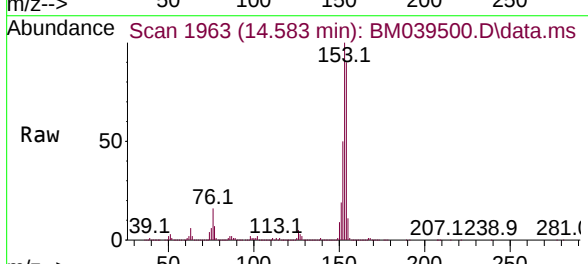
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

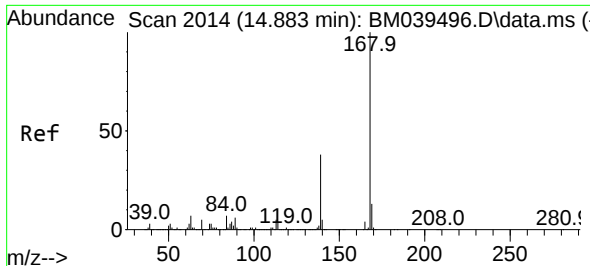


#52
Acenaphthene
Concen: 450.643 ng/ul
RT: 14.583 min Scan# 1963
Delta R.T. 0.032 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion:153 Resp:19681655

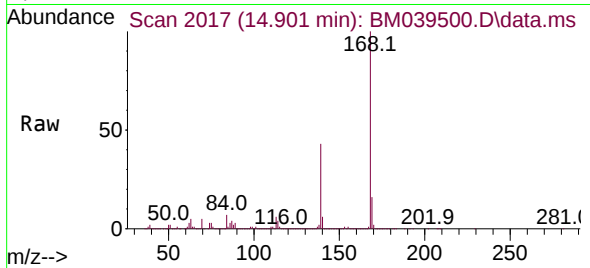
Ion	Ratio	Lower	Upper
153	100		
152	49.9	38.2	57.4
154	90.0	71.0	106.4





#56
Dibenzenofuran
Concen: 296.332 ng/ul
RT: 14.901 min Scan# 2014
Delta R.T. 0.015 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

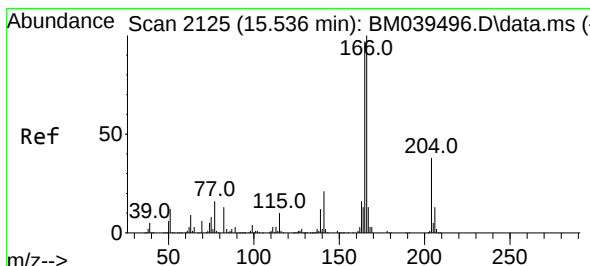
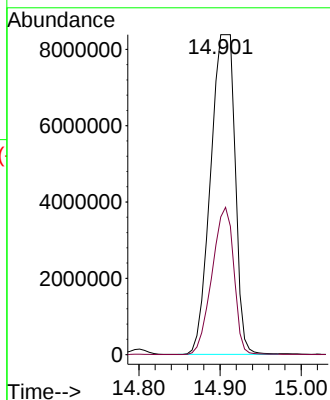
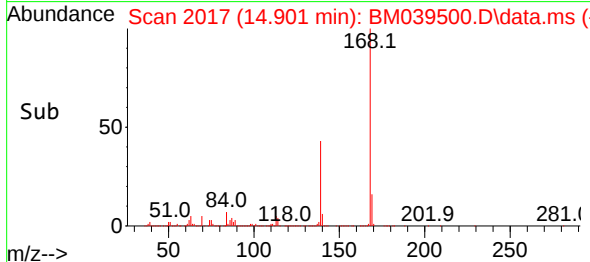
Instrument :
BNA_M
ClientSampleId :
DCBM2



Tgt Ion:168 Resp:17591149
Ion Ratio Lower Upper
168 100
139 43.0 30.7 46.1

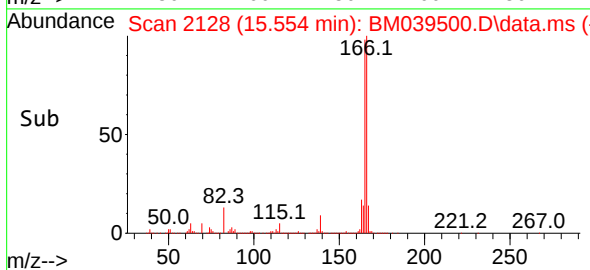
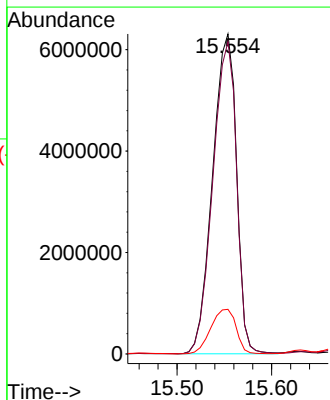
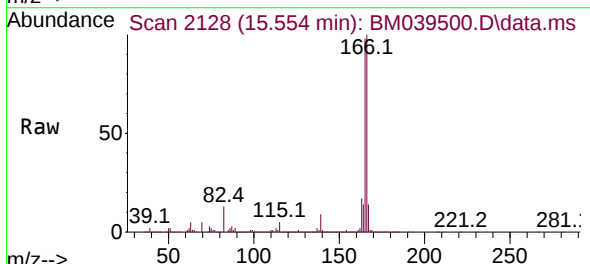
Manual Integrations
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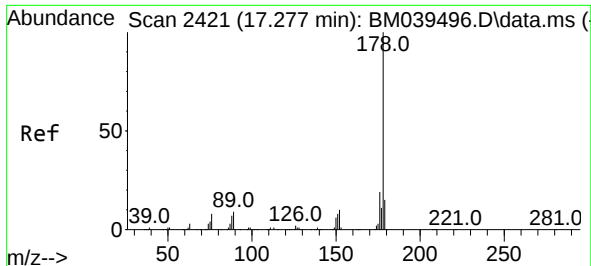
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023



#61
Fluorene
Concen: 225.246 ng/ul
RT: 15.554 min Scan# 2128
Delta R.T. 0.015 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

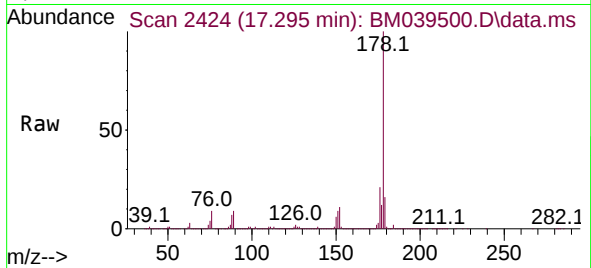
Tgt Ion:166 Resp:11060878
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.9 10.7 16.1





#72
Phenanthrene
Concen: 186.478 ng/ul
RT: 17.295 min Scan# 2421
Delta R.T. 0.015 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

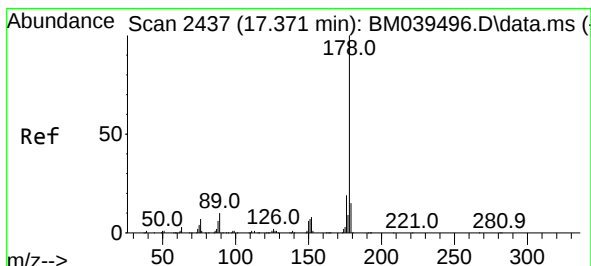
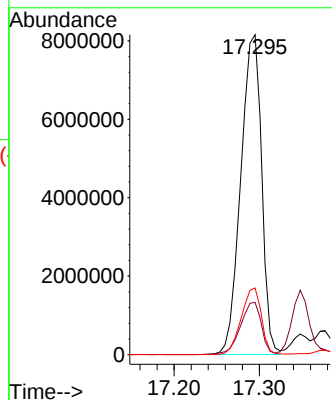
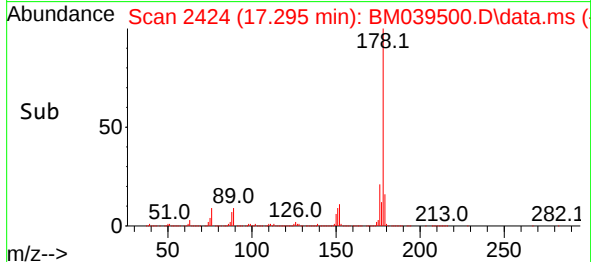
Instrument :
BNA_M
ClientSampleId :
DCBM2



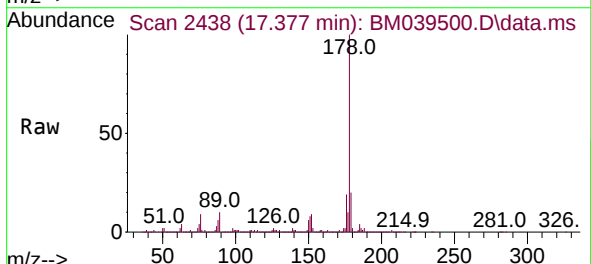
Tgt Ion:178 Resp:13856925
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.4
176 20.8 15.8 23.8

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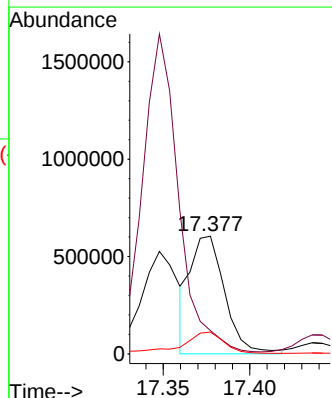
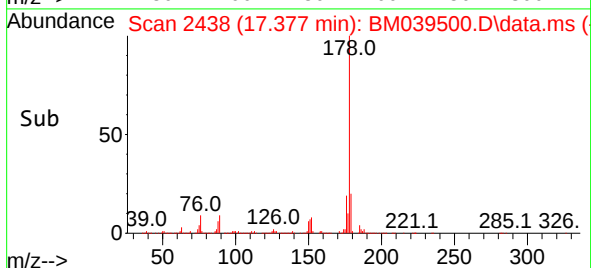
Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

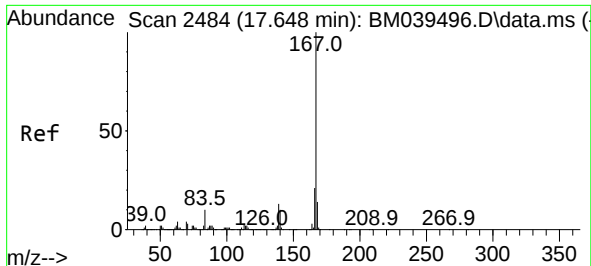


#74
Anthracene
Concen: 11.260 ng/ul m
RT: 17.377 min Scan# 2438
Delta R.T. 0.003 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05



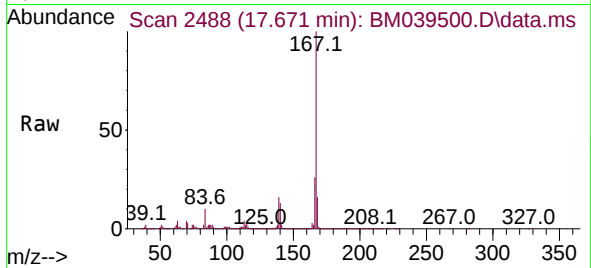
Tgt Ion:178 Resp: 839397
Ion Ratio Lower Upper
178 100
179 19.7 12.1 18.1#
176 18.6 15.0 22.6





#77
 Carbazole
 Concen: 290.112 ng/ul m
 RT: 17.671 min Scan# 24
 Delta R.T. 0.021 min
 Lab File: BM039500.D
 Acq: 19 Apr 2023 18:05

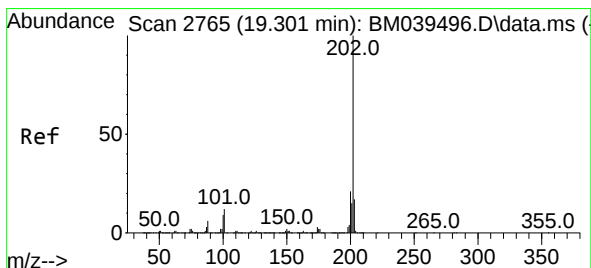
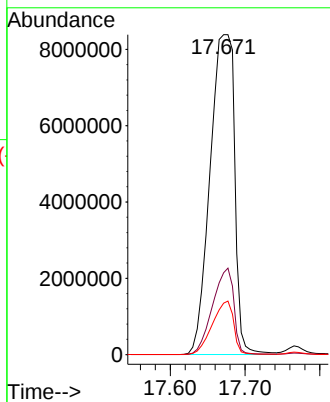
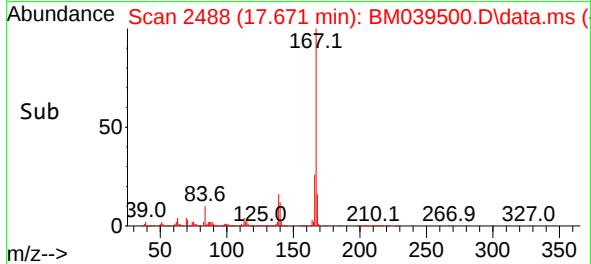
Instrument :
 BNA_M
 ClientSampleId :
 DCBM2



Tgt Ion:167 Resp:19217874
 Ion Ratio Lower Upper
 167 100
 166 25.6 17.0 25.4
 139 16.1 10.6 15.8

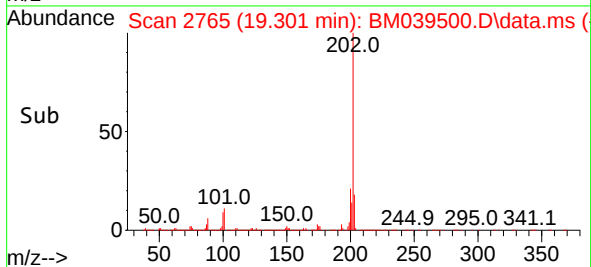
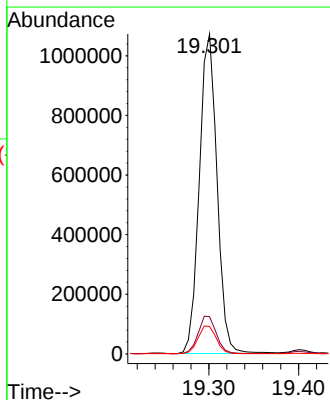
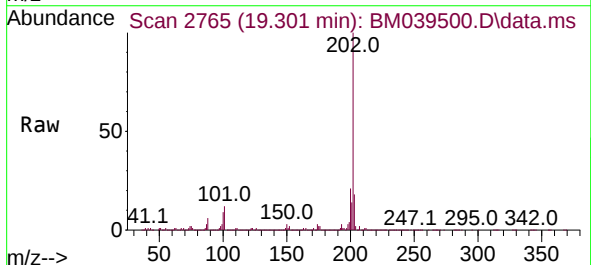
Manual Integrations
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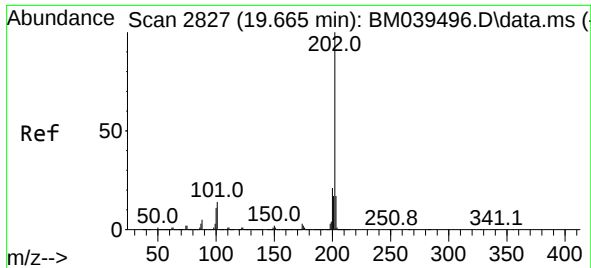
Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/20/2023



#80
 Fluoranthene
 Concen: 19.822 ng/ul
 RT: 19.301 min Scan# 2765
 Delta R.T. 0.003 min
 Lab File: BM039500.D
 Acq: 19 Apr 2023 18:05

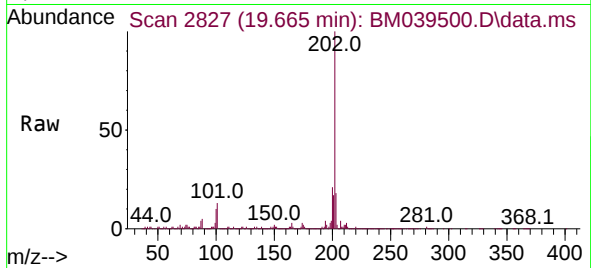
Tgt Ion:202 Resp: 1470327
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.4 15.6
 100 8.6 7.7 11.5





#82
 Pyrene
 Concen: 10.744 ng/ul
 RT: 19.665 min Scan# 2827
 Delta R.T. 0.003 min
 Lab File: BM039500.D
 Acq: 19 Apr 2023 18:05

Instrument :
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 ClientSampleId :
 DCBM2



Tgt Ion:202 Resp: 825004
 Ion Ratio Lower Upper
 202 100
 101 13.5 12.1 18.1
 100 10.5 9.6 14.4

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

