

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039527.D
 Acq On : 20 Apr 2023 16:35
 Operator : CG/JU
 Sample : 02296-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBN0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 01:31:53 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	7.825	152	201177	20.000	ng/u1	0.00
20) Naphthalene-d8	10.642	136	956653	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.483	164	634162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	1274610	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	925218	20.000	ng/u1	0.00
88) Perylene-d12	23.788	264	863019	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	27194	5.189	ng/uL	0.00
4) Pyridine-d5	3.643	84	145789	9.900	ng/u1	0.00
7) Phenol-d5	7.066	99	2237	0.121	ng/u1	0.05
9) Bis-(2-Chloroethyl)eth...	7.160	67	488562	40.144	ng/u1	0.00
11) 2-Chlorophenol-d4	7.378	132	792m	0.055	ng/u1	0.01
15) 4-Methylphenol-d8	8.595	113	14972m	1.009	ng/u1	0.03
21) Nitrobenzene-d5	9.001	128	307652	39.973	ng/u1	0.00
24) 2-Nitrophenol-d4	9.725	143	56	0.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.325	165	727m	0.049	ng/u1	0.06
31) 4-Chloroaniline-d4	10.789	131	356281	16.042	ng/u1	0.00
46) Dimethylphthalate-d6	13.901	166	1936844	37.870	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	2434832	42.377	ng/u1	0.00
54) 4-Nitrophenol-d4	14.730	143	153	0.020	ng/u1	0.00
60) Fluorene-d10	15.477	176	1790548	42.731	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.336	188	2665659	43.487	ng/u1	0.00
81) Pyrene-d10	19.630	212	2846334	46.297	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.641	264	2008331	43.103	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.666	105	24927	1.023	ng/u1	97
30) Naphthalene	10.689	128	34404750m	649.998	ng/u1	
36) 2-Methylnaphthalene	12.307	142	9054585	255.178	ng/u1	100
37) 1-Methylnaphthalene	12.524	142	5277094	147.993	ng/u1	99
43) 1,1'-Biphenyl	13.313	154	582507	11.886	ng/u1#	96
50) Acenaphthylene	14.201	152	65284	1.062	ng/u1#	70
52) Acenaphthene	14.548	153	3599352	85.060	ng/u1	99
56) Dibenzofuran	14.883	168	5881435	102.258	ng/u1	99
61) Fluorene	15.530	166	608093	12.781	ng/u1#	92
72) Phenanthrene	17.277	178	6037514	85.320	ng/u1	99
77) Carbazole	17.648	167	4123553	65.368	ng/u1	99
80) Fluoranthene	19.295	202	592997	8.229	ng/u1	97
82) Pyrene	19.659	202	341297	4.575	ng/u1	99

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

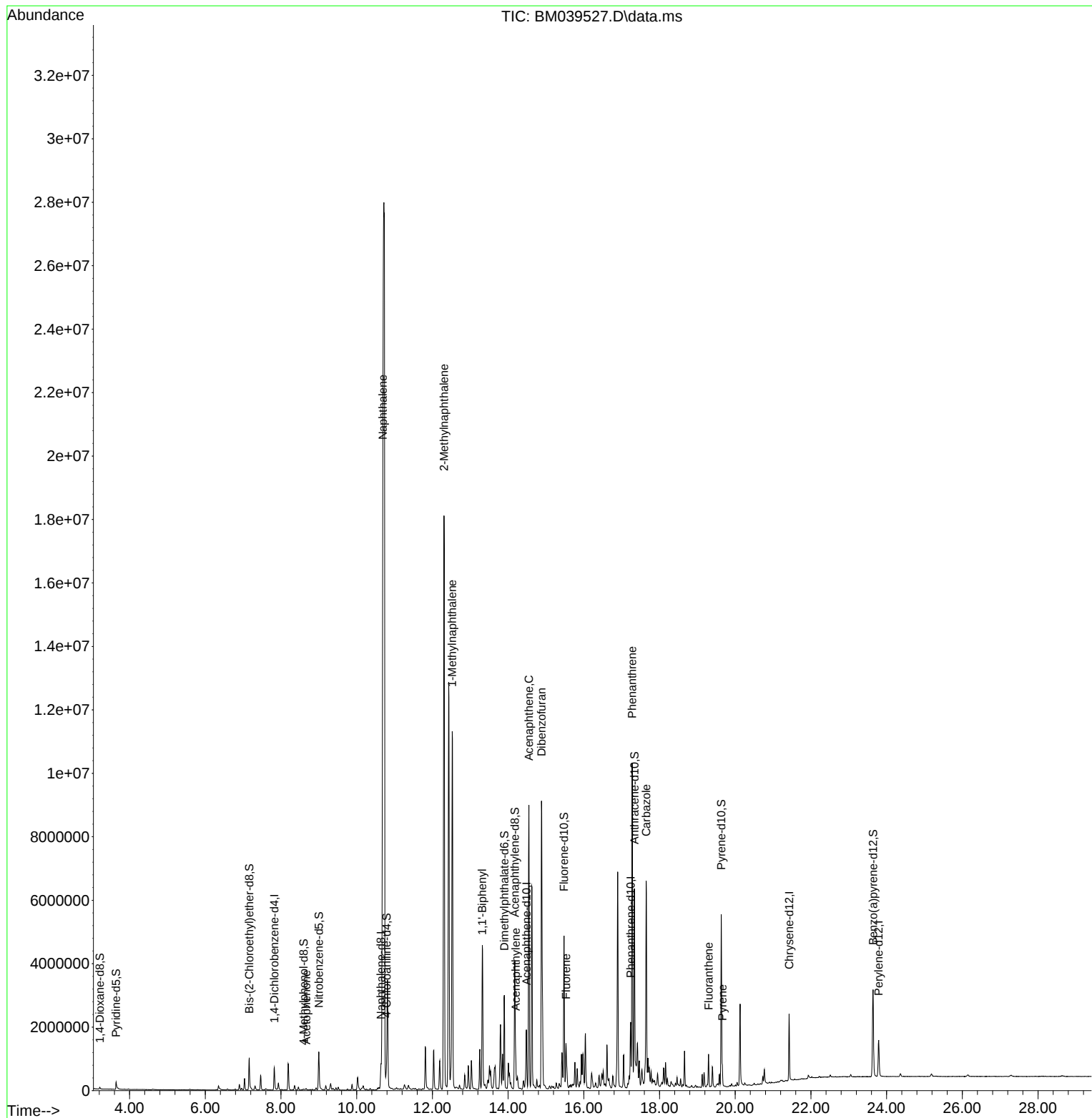
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039527.D
Acq On : 20 Apr 2023 16:35
Operator : CG/JU
Sample : 02296-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

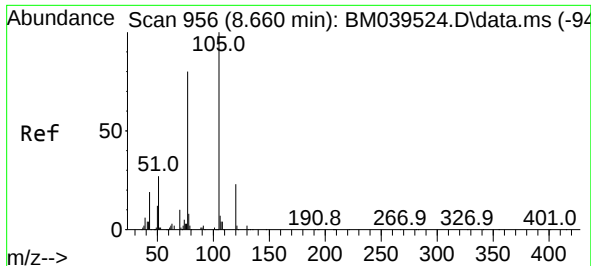
Instrument :
BNA_M
ClientSampleId :
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Supervised By :Jagrut Upadhyay 04/21/2023

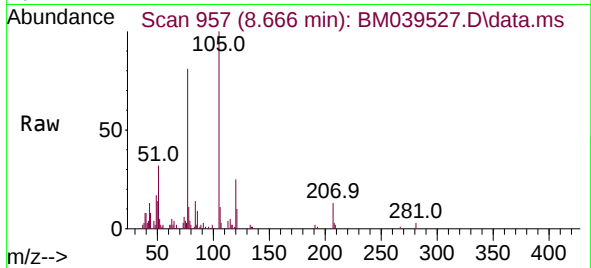
Quant Time: Apr 21 01:31:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.023 ng/ul
RT: 8.666 min Scan# 91
Delta R.T. 0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

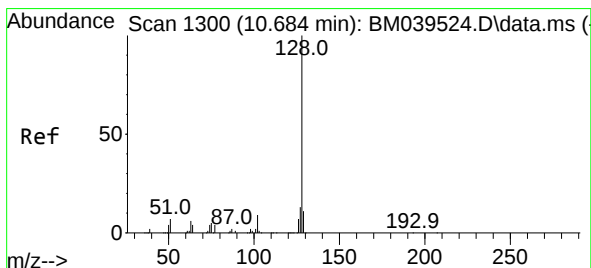
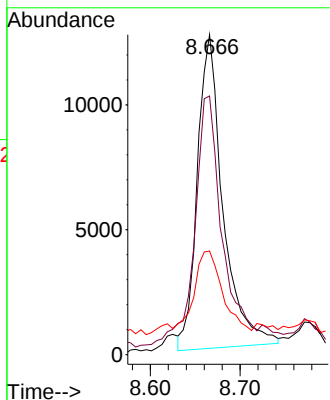
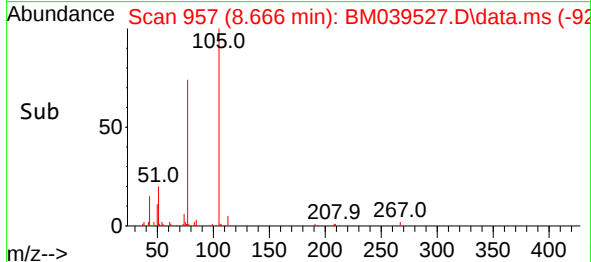
Instrument :
BNA_M
ClientSampleId :
DCBN0



Tgt Ion:105 Resp: 2492
Ion Ratio Lower Upper
105 100
77 80.8 64.1 96.1
51 32.4 22.2 33.4

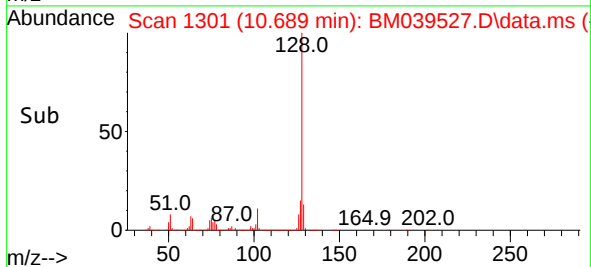
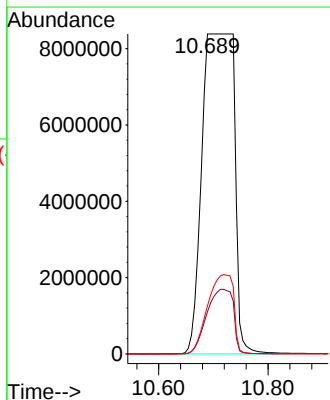
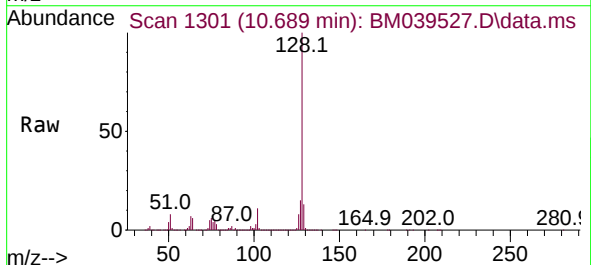
Manual Integrations
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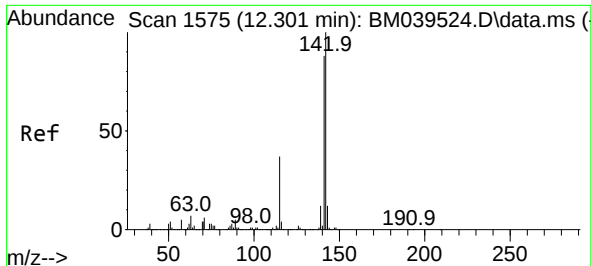
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#30
Naphthalene
Concen: 649.998 ng/ul m
RT: 10.689 min Scan# 1301
Delta R.T. 0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

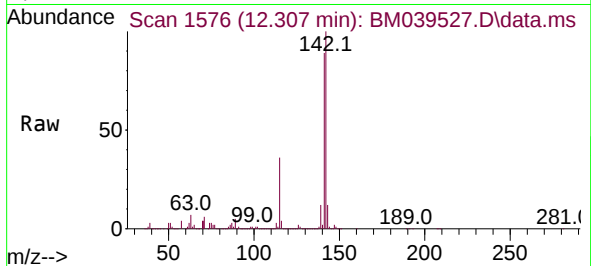
Tgt Ion:128 Resp:34404750
Ion Ratio Lower Upper
128 100
129 13.2 8.9 13.3
127 15.0 10.5 15.7





#36
2-Methylnaphthalene
Concen: 255.178 ng/ul
RT: 12.307 min Scan# 1575
Delta R.T. 0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

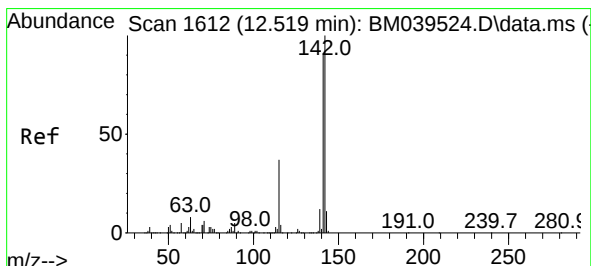
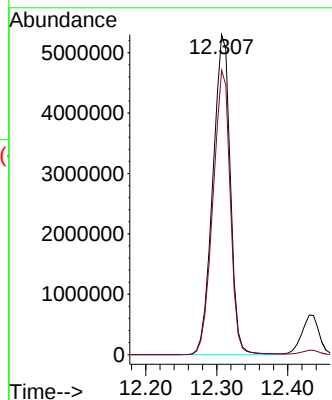
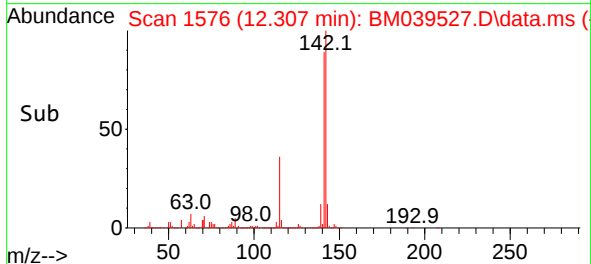
Instrument :
BNA_M
ClientSampleId :
DCBN0



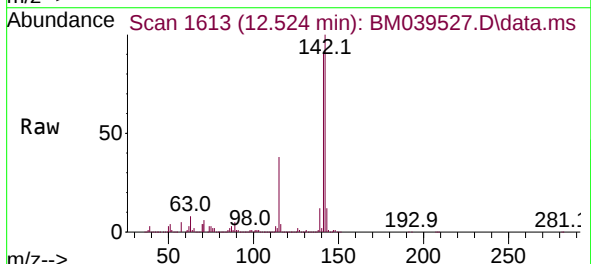
Tgt Ion:142 Resp: 9054585
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

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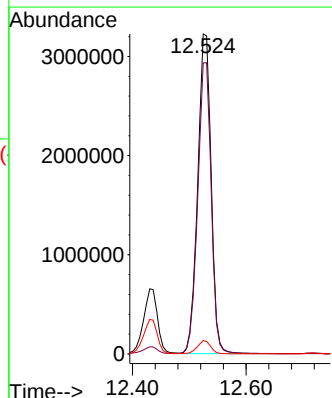
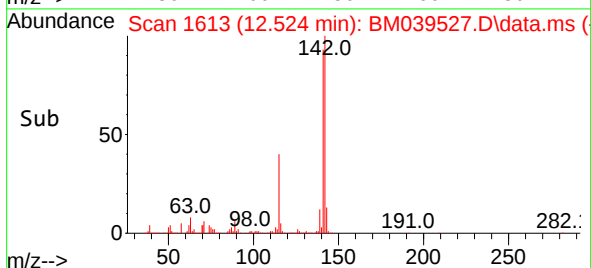
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

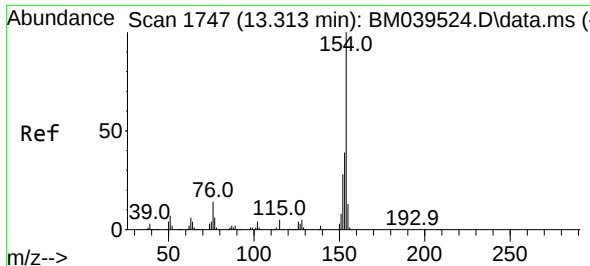


#37
1-Methylnaphthalene
Concen: 147.993 ng/ul
RT: 12.524 min Scan# 1613
Delta R.T. 0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35



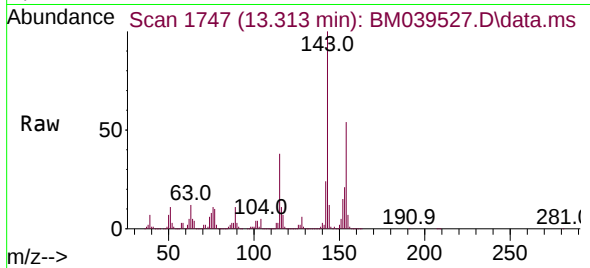
Tgt Ion:142 Resp: 5277094
Ion Ratio Lower Upper
142 100
141 90.9 72.0 108.0
116 4.2 3.2 4.8





#43
1,1'-Biphenyl
Concen: 11.886 ng/ul
RT: 13.313 min Scan# 1747
Delta R.T. -0.009 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

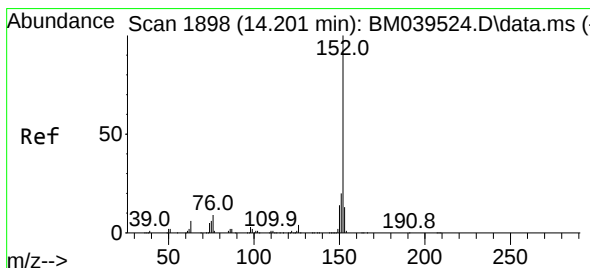
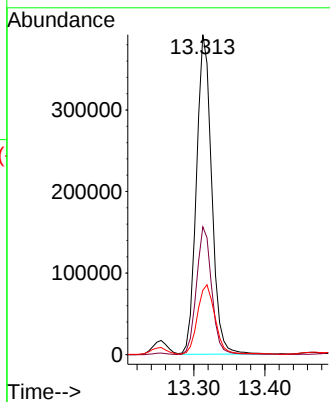
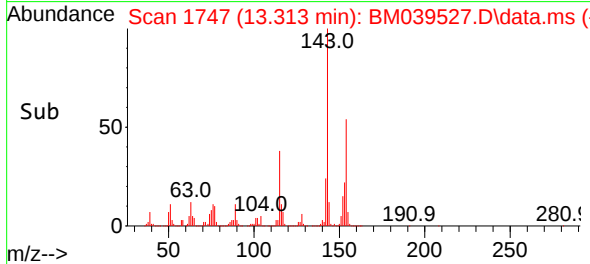
Instrument :
BNA_M
ClientSampleId :
DCBN0



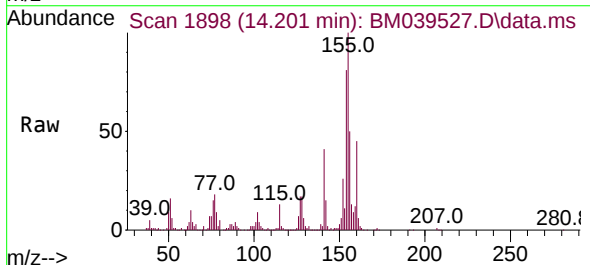
Tgt Ion:154 Resp: 582507
Ion Ratio Lower Upper
154 100
153 39.9 31.9 47.9
76 20.1 11.5 17.34

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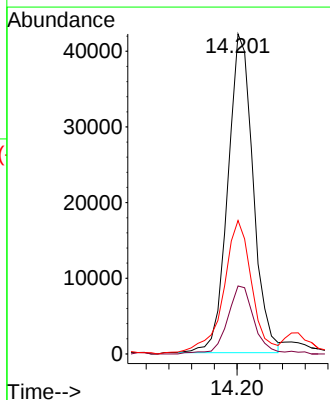
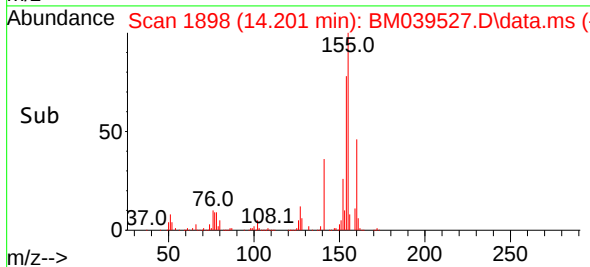
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

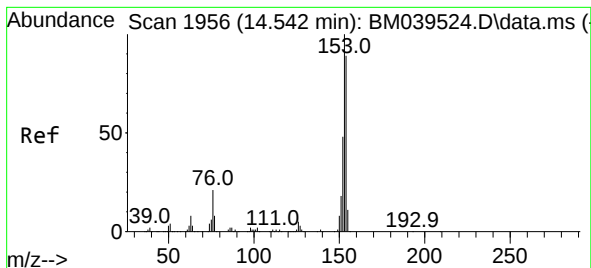


#50
Acenaphthylene
Concen: 1.062 ng/ul
RT: 14.201 min Scan# 1898
Delta R.T. -0.009 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35



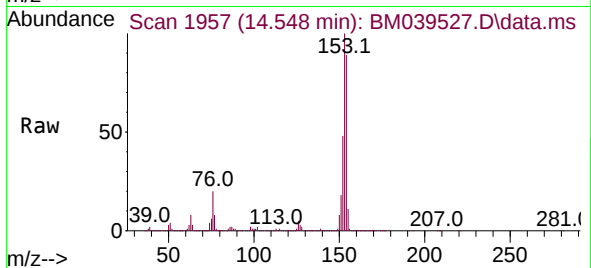
Tgt Ion:152 Resp: 65284
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.8
153 41.7 10.4 15.6#





#52
Acenaphthene
Concen: 85.060 ng/u1
RT: 14.548 min Scan# 1956
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

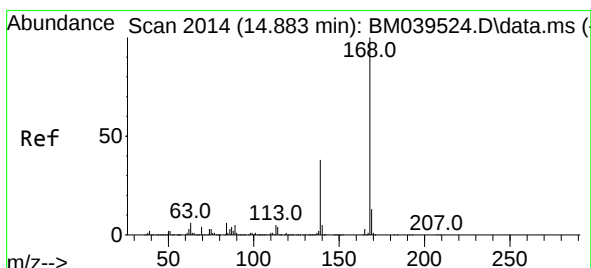
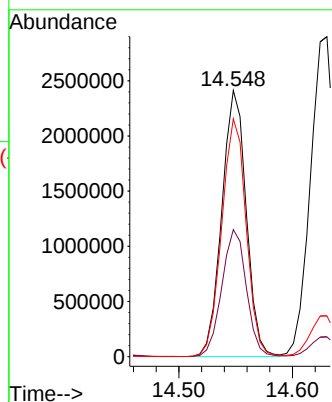
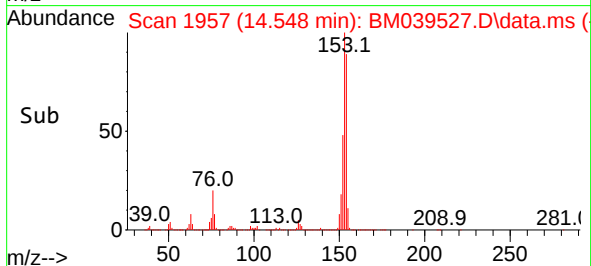
Instrument :
BNA_M
ClientSampleId :
DCBN0



Tgt Ion:153 Resp: 3599352
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 89.3 71.0 106.4

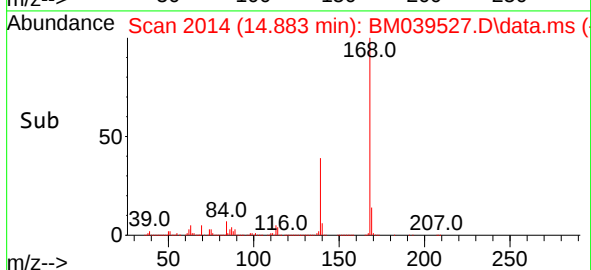
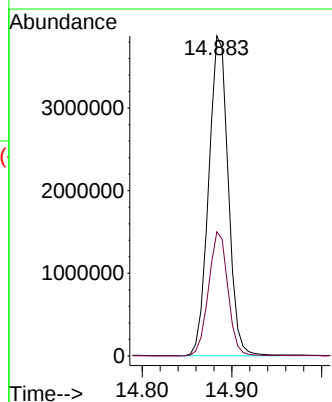
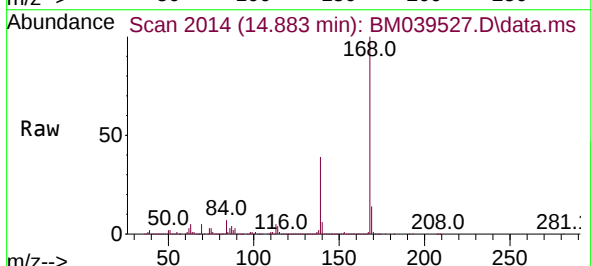
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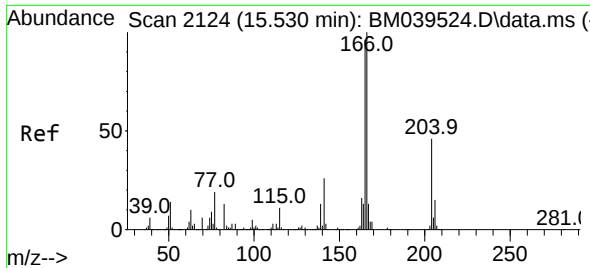
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#56
Dibenzofuran
Concen: 102.258 ng/u1
RT: 14.883 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

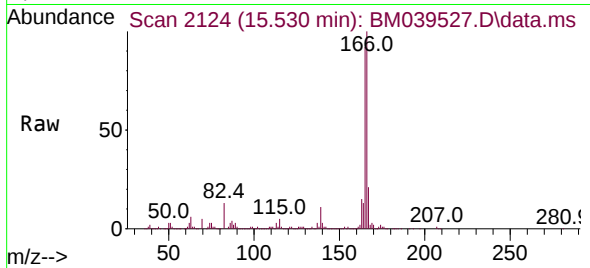
Tgt Ion:168 Resp: 5881435
Ion Ratio Lower Upper
168 100
139 38.8 30.7 46.1





#61
Fluorene
Concen: 12.781 ng/ul
RT: 15.530 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

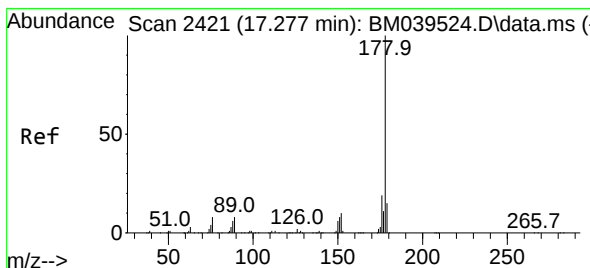
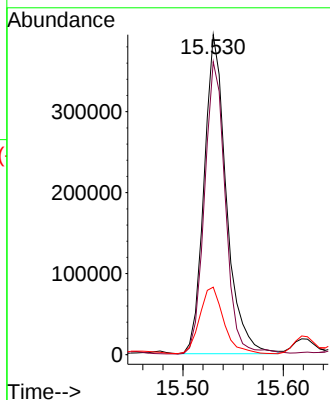
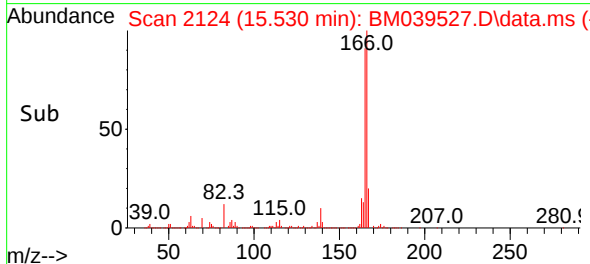
Instrument :
BNA_M
ClientSampleId :
DCBN0



Tgt Ion:166 Resp: 608093
Ion Ratio Lower Upper
166 100
165 91.5 78.2 117.2
167 21.1 10.7 16.1

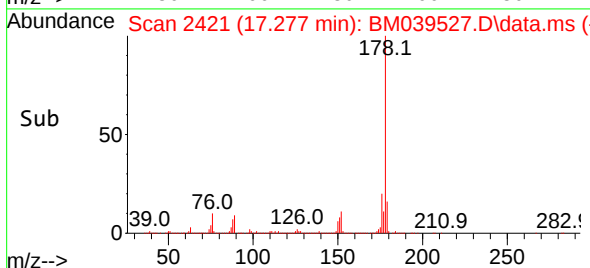
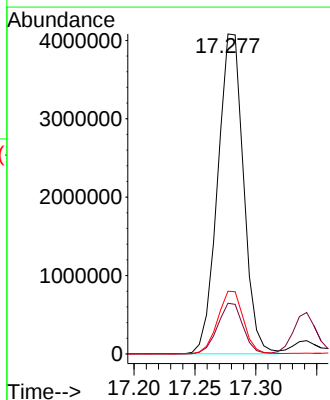
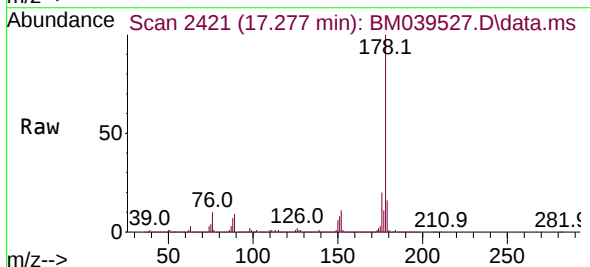
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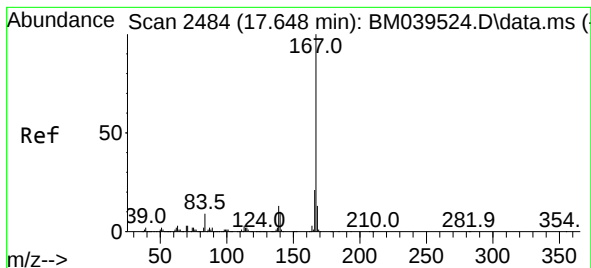
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#72
Phenanthrene
Concen: 85.320 ng/ul
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039527.D
Acq: 20 Apr 2023 16:35

Tgt Ion:178 Resp: 6037514
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.6 15.8 23.8





#77

Carbazole

Concen: 65.368 ng/ul

RT: 17.648 min Scan# 2484

Delta R.T. -0.003 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

Instrument :

BNA_M

ClientSampleId :

DCBN0

Tgt Ion:167 Resp: 412355

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

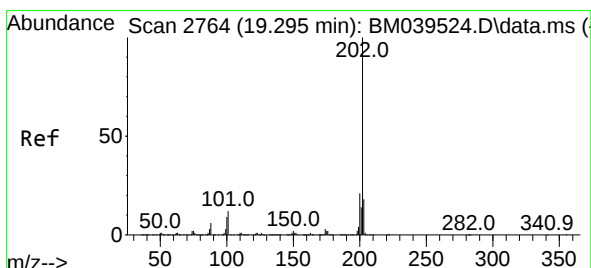
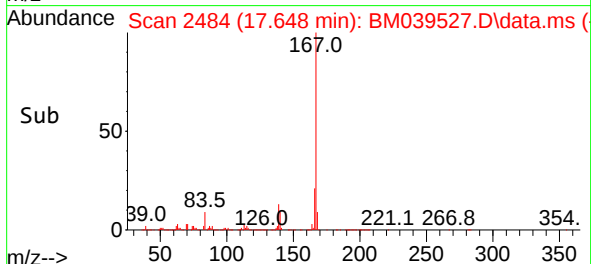
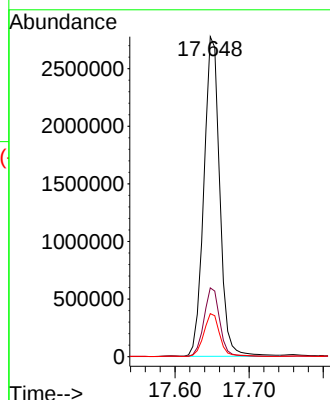
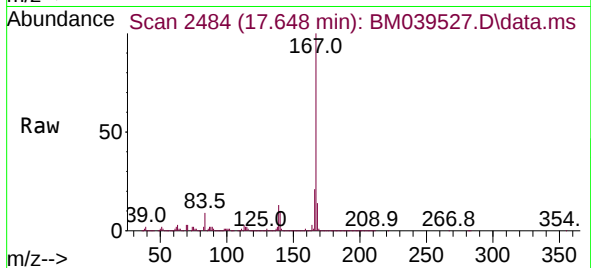
139 13.4 10.6 15.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/21/2023



#80

Fluoranthene

Concen: 8.229 ng/ul

RT: 19.295 min Scan# 2764

Delta R.T. -0.003 min

Lab File: BM039527.D

Acq: 20 Apr 2023 16:35

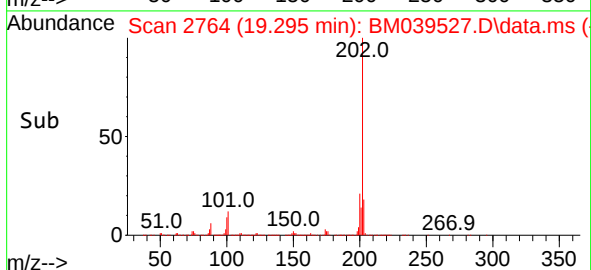
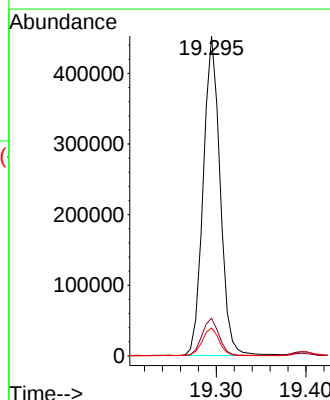
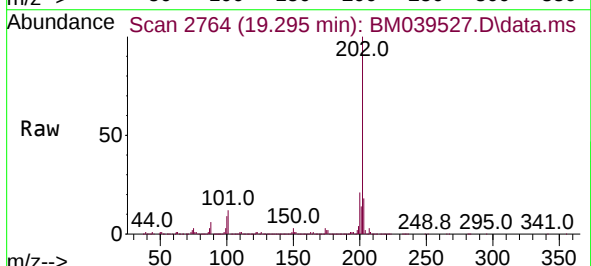
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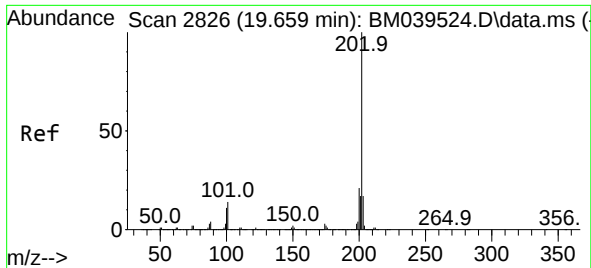
Ion Ratio Lower Upper

202 100

101 11.8 10.4 15.6

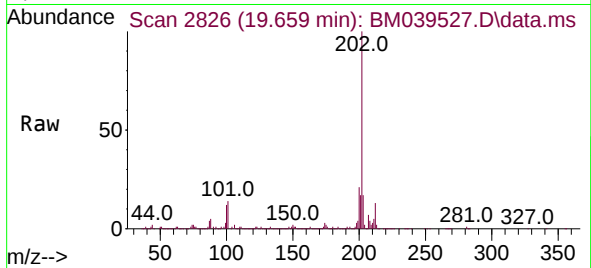
100 8.7 7.7 11.5





#82
 Pyrene
 Concen: 4.575 ng/ul
 RT: 19.659 min Scan# 2826
 Delta R.T. -0.003 min
 Lab File: BM039527.D
 Acq: 20 Apr 2023 16:35

Instrument :
 BNA_M
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Tgt Ion: 202 Resp: 341297
 Ion Ratio Lower Upper
 202 100
 101 14.5 12.1 18.1
 100 11.7 9.6 14.4

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 Supervised By : Jagrut Upadhyay 04/21/2023

