

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039529.D
 Acq On : 20 Apr 2023 17:48
 Operator : CG/JU
 Sample : 02296-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBN4

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 01:48:56 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	222986	20.000	ng/u1	0.00
20) Naphthalene-d8	10.684	136	505317	20.000	ng/u1	# 0.04
38) Acenaphthene-d10	14.483	164	597923	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	1182146	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	874580	20.000	ng/u1	0.00
88) Perylene-d12	23.789	264	790945	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	27108	4.666	ng/uL	0.00
4) Pyridine-d5	3.649	84	57141	3.501	ng/u1	0.00
7) Phenol-d5	7.013	99	200134	9.806	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	516687	38.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	523807	32.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.572	113	363740	22.126	ng/u1	0.00
21) Nitrobenzene-d5	9.013	128	364542	89.670	ng/u1	0.01
24) 2-Nitrophenol-d4	9.748	143	366516	80.289	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.354	165	580572	73.913	ng/u1	0.09
31) 4-Chloroaniline-d4	10.884	131	135443m	11.545	ng/u1	0.10
46) Dimethylphthalate-d6	13.907	166	1975482	40.967	ng/u1	0.00
49) Acenaphthylene-d8	14.178	160	2296996	42.401	ng/u1	0.00
54) 4-Nitrophenol-d4	14.736	143	55334	7.582	ng/u1	0.00
60) Fluorene-d10	15.477	176	1674169	42.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.619	200	260042	33.102	ng/u1	0.00
73) Anthracene-d10	17.336	188	2483144	43.678	ng/u1	0.00
81) Pyrene-d10	19.630	212	2731365	46.999	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.636	264	1905630	44.626	ng/u1	0.00
Target Compounds						
16) Acetophenone	8.672	105	35629	1.319	ng/u1#	89
30) Naphthalene	10.695	128	103583909m	3704.897	ng/u1	
36) 2-Methylnaphthalene	12.342	142	29909250m	1595.774	ng/u1	
37) 1-Methylnaphthalene	12.560	142	18913838	1004.188	ng/u1	98
43) 1,1'-Biphenyl	13.325	154	7632267	165.170	ng/u1	98
50) Acenaphthylene	14.207	152	601918	10.387	ng/u1#	93
52) Acenaphthene	14.566	153	12324190	308.898	ng/u1	99
56) Dibenzofuran	14.895	168	15668538	288.934	ng/u1	96
61) Fluorene	15.542	166	8692644	193.778	ng/u1	99
72) Phenanthrene	17.283	178	9786379	149.115	ng/u1	99
74) Anthracene	17.371	178	317177	4.817	ng/u1	100
77) Carbazole	17.660	167	10759317	183.901	ng/u1	98
80) Fluoranthene	19.295	202	446294	6.552	ng/u1	97
82) Pyrene	19.660	202	196064	2.780	ng/u1	98

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

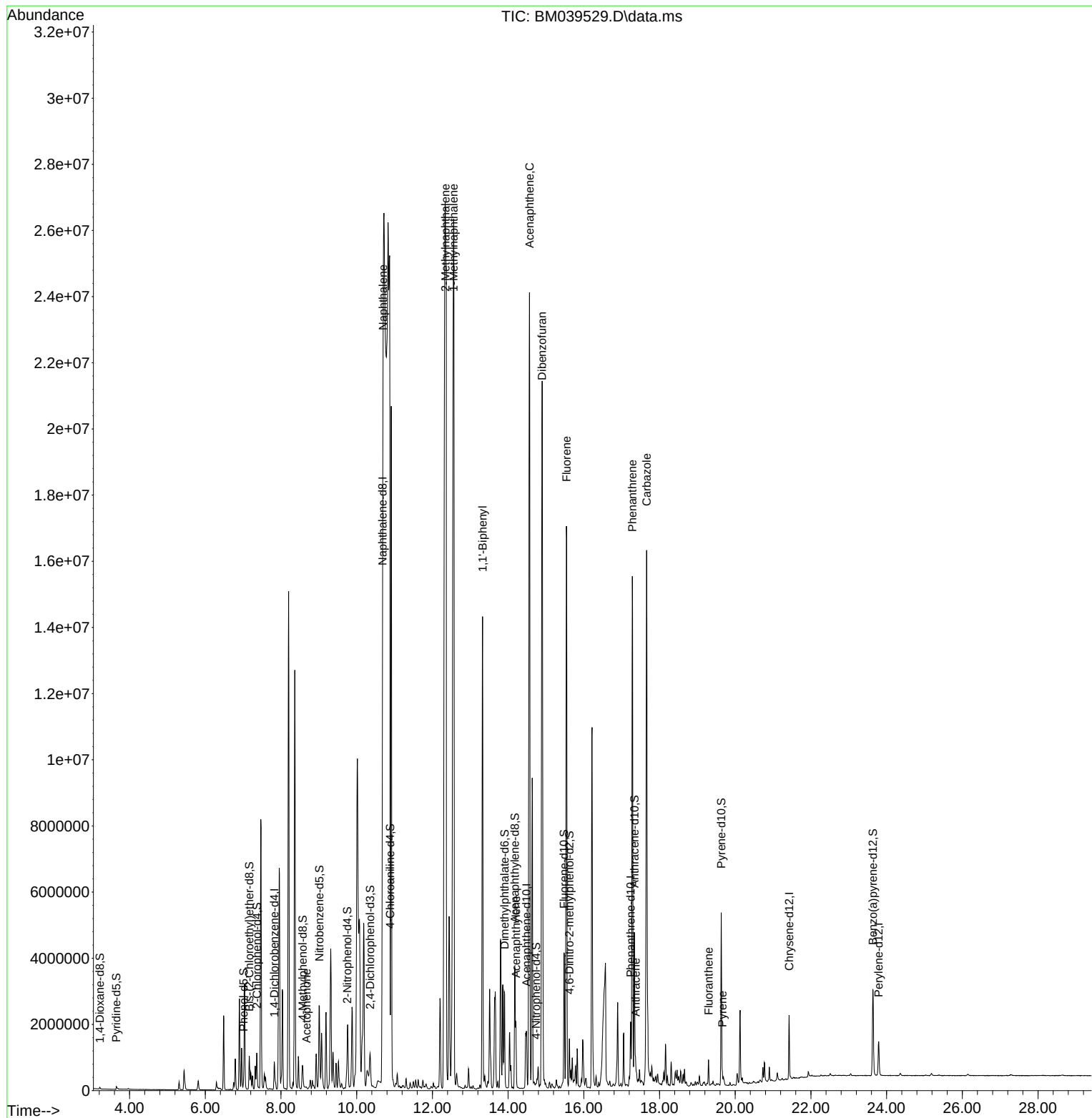
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

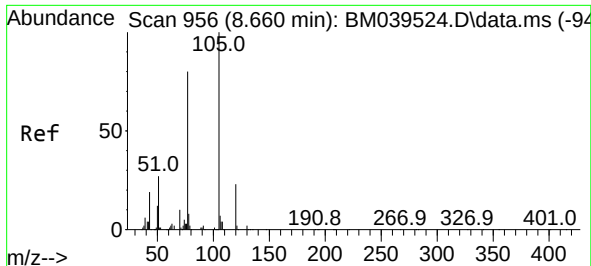
Instrument :
BNA_M
ClientSampleId :
DCBN4

Quant Time: Apr 21 01:48:56 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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APPROVED

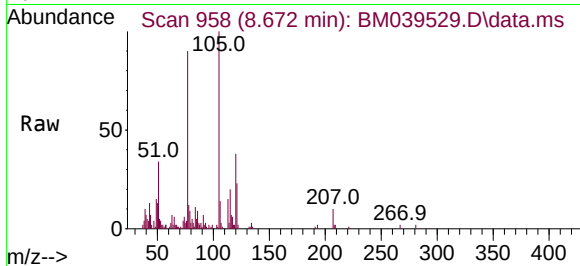
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023





#16
Acetophenone
Concen: 1.319 ng/ul
RT: 8.672 min Scan# 91
Delta R.T. 0.009 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

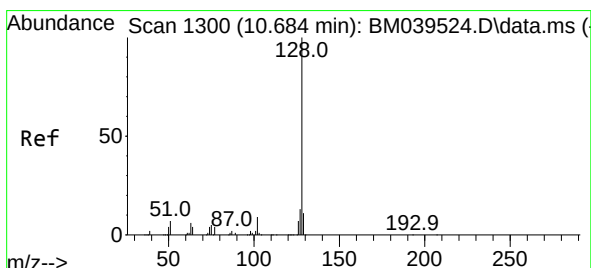
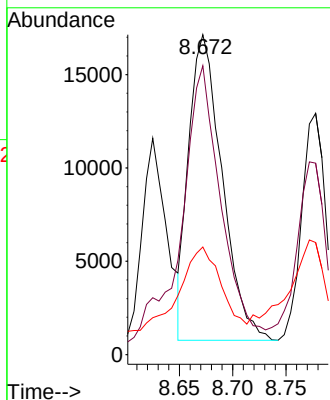
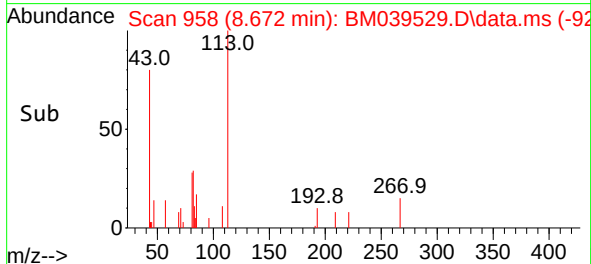
Instrument :
BNA_M
ClientSampleId :
DCBN4



Tgt Ion:105 Resp: 35629
Ion Ratio Lower Upper
105 100
77 90.3 64.1 96.1
51 33.6 22.2 33.4

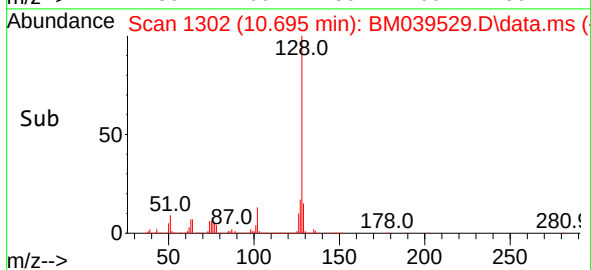
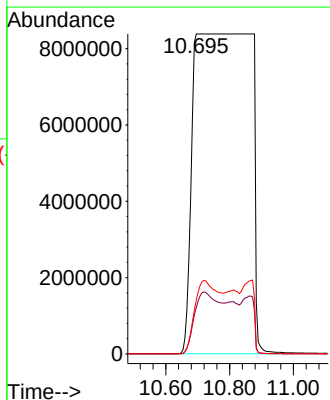
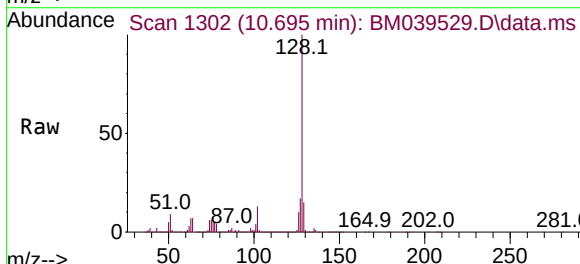
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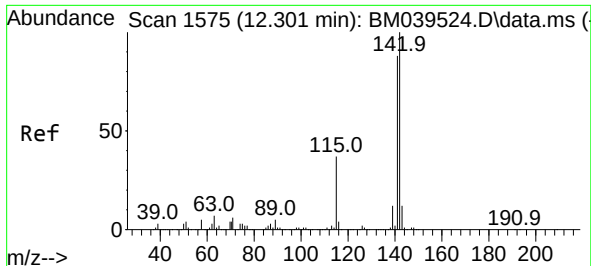
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#30
Naphthalene
Concen: 3704.897 ng/ul m
RT: 10.695 min Scan# 1302
Delta R.T. 0.009 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

Tgt Ion:128 Resp:103583909
Ion Ratio Lower Upper
128 100
129 14.5 8.9 13.3#
127 16.8 10.5 15.7#





#36

2-Methylnaphthalene

Concen: 1595.774 ng/ul m

RT: 12.342 min Scan# 1

Delta R.T. 0.038 min

Lab File: BM039529.D

Acq: 20 Apr 2023 17:48

Instrument :

BNA_M

ClientSampleId :

DCBN4

Tgt Ion:142 Resp:29909250

Ion Ratio Lower Upper

142 100

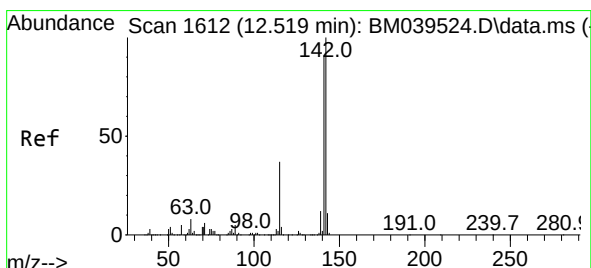
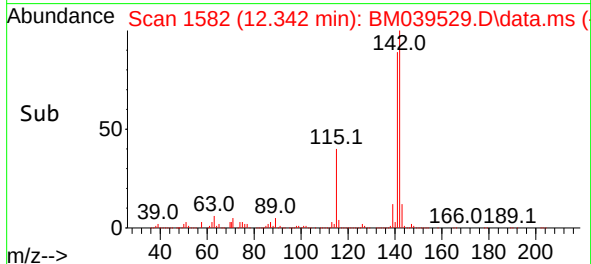
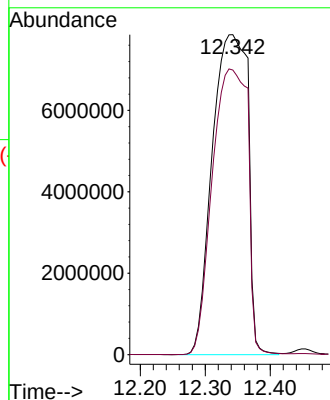
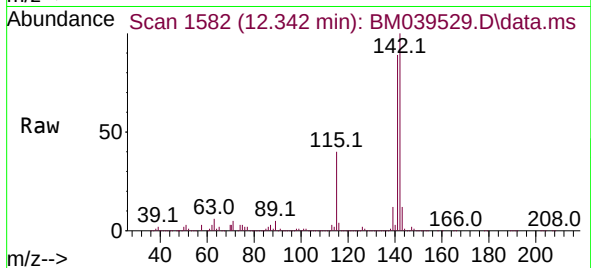
141 88.9 71.1 106.7

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#37

1-Methylnaphthalene

Concen: 1004.188 ng/ul

RT: 12.560 min Scan# 1619

Delta R.T. 0.038 min

Lab File: BM039529.D

Acq: 20 Apr 2023 17:48

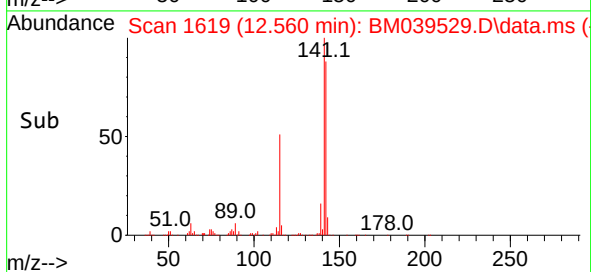
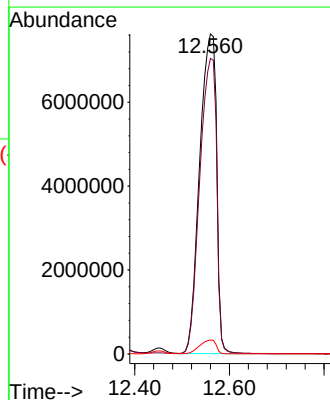
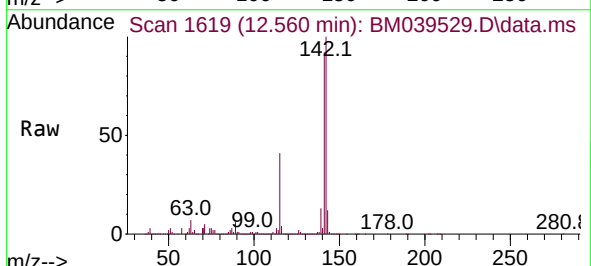
Tgt Ion:142 Resp:18913838

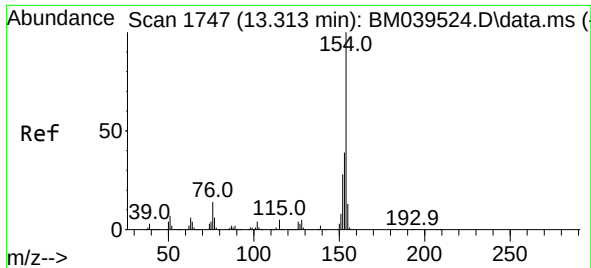
Ion Ratio Lower Upper

142 100

141 92.4 72.0 108.0

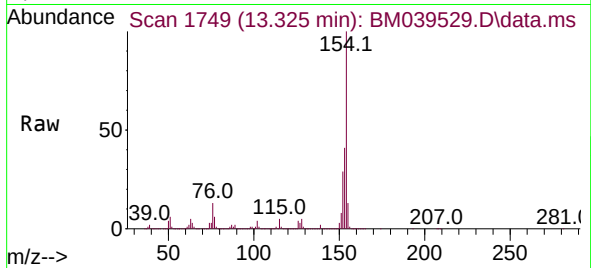
116 4.3 3.2 4.8





#43
1,1'-Biphenyl
Concen: 165.170 ng/ul
RT: 13.325 min Scan# 1749
Delta R.T. 0.003 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

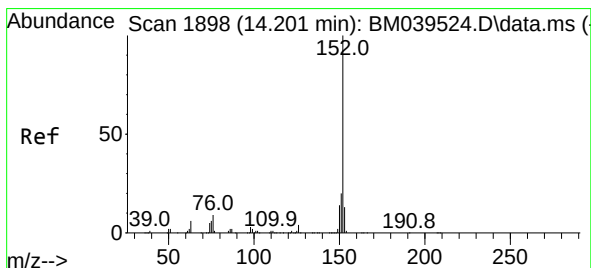
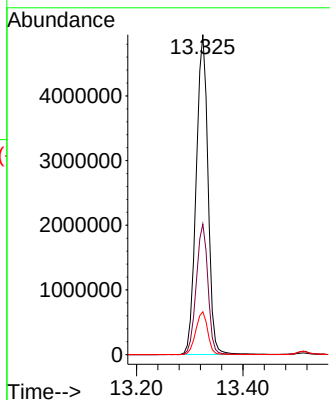
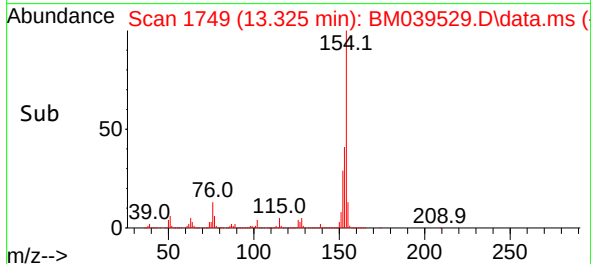
Instrument :
BNA_M
ClientSampleId :
DCBN4



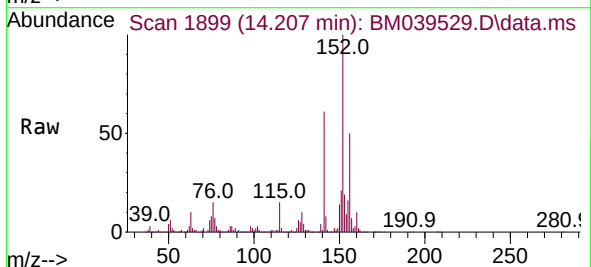
Tgt Ion:154 Resp: 763226
Ion Ratio Lower Upper
154 100
153 40.8 31.9 47.9
76 13.4 11.5 17.3

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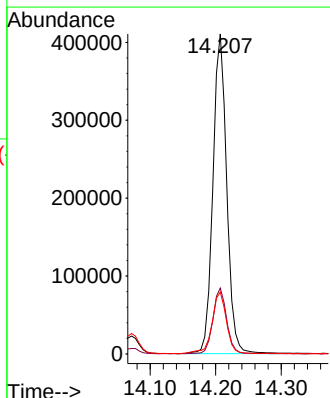
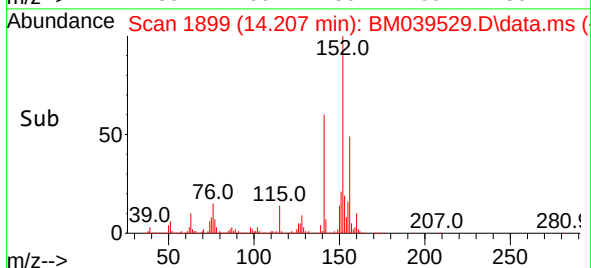
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

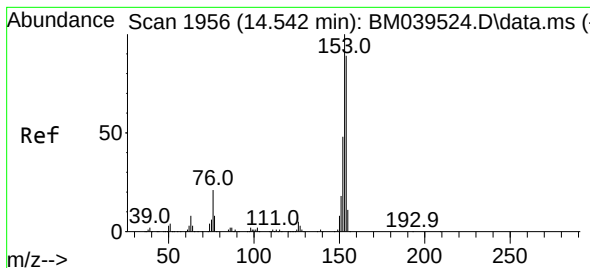


#50
Acenaphthylene
Concen: 10.387 ng/ul
RT: 14.207 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48



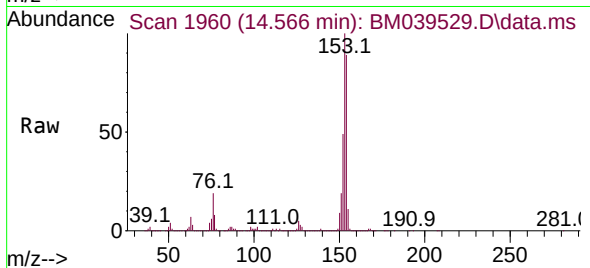
Tgt Ion:152 Resp: 601918
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 19.3 10.4 15.6#





#52
Acenaphthene
Concen: 308.898 ng/ul
RT: 14.566 min Scan# 1956
Delta R.T. 0.015 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

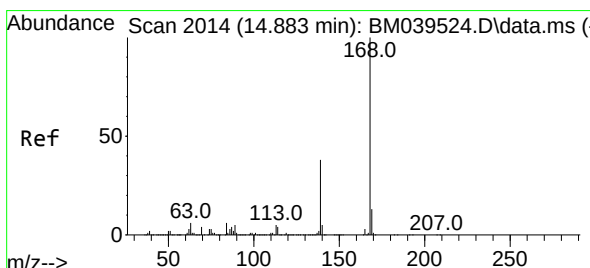
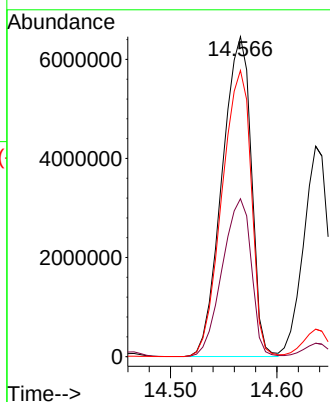
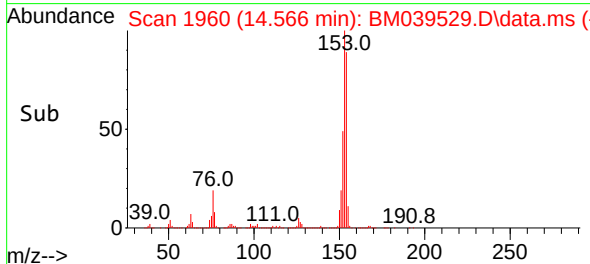
Instrument :
BNA_M
ClientSampleId :
DCBN4



Tgt Ion:153 Resp:12324190
Ion Ratio Lower Upper
153 100
152 49.3 38.2 57.4
154 89.4 71.0 106.4

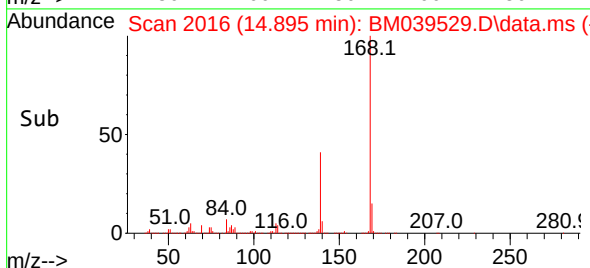
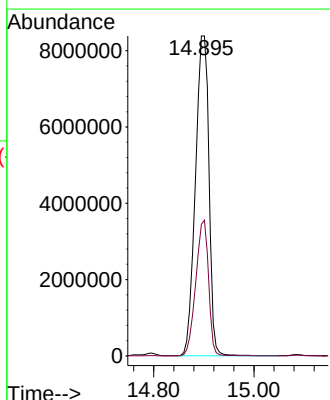
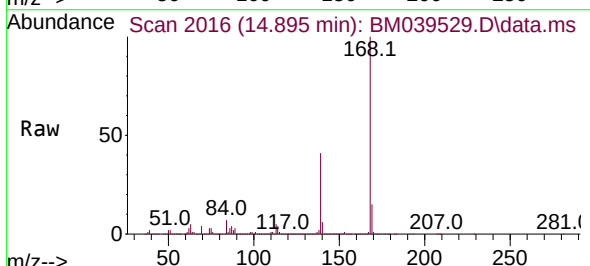
Manual Integrations
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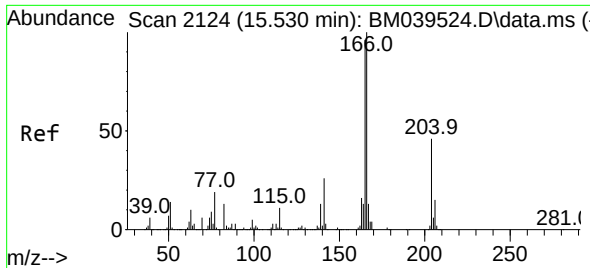
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#56
Dibenzofuran
Concen: 288.934 ng/ul
RT: 14.895 min Scan# 2016
Delta R.T. 0.009 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

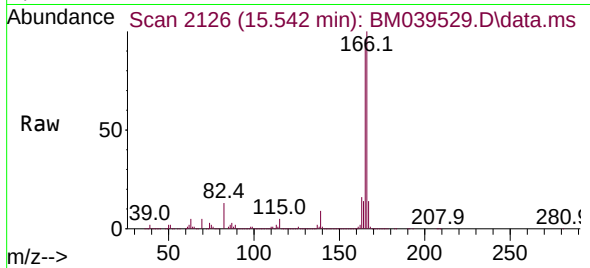
Tgt Ion:168 Resp:15668538
Ion Ratio Lower Upper
168 100
139 41.1 30.7 46.1





#61
Fluorene
Concen: 193.778 ng/ul
RT: 15.542 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

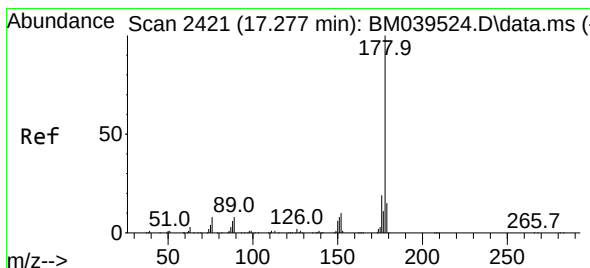
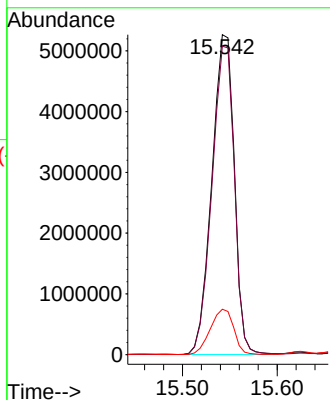
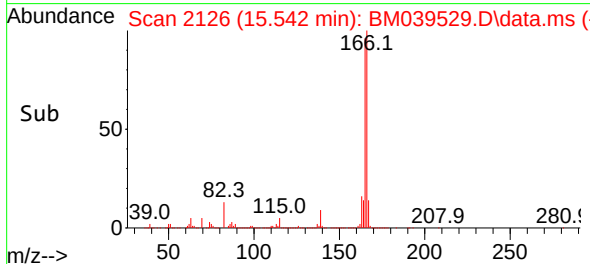
Instrument :
BNA_M
ClientSampleId :
DCBN4



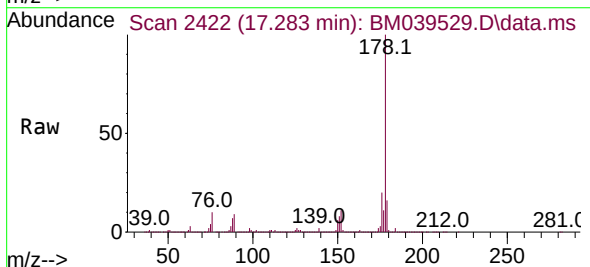
Tgt Ion:166 Resp: 8692644
Ion Ratio Lower Upper
166 100
165 96.4 78.2 117.2
167 14.2 10.7 16.1

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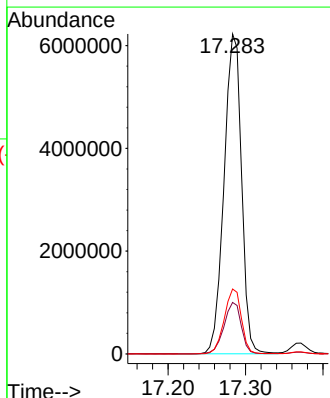
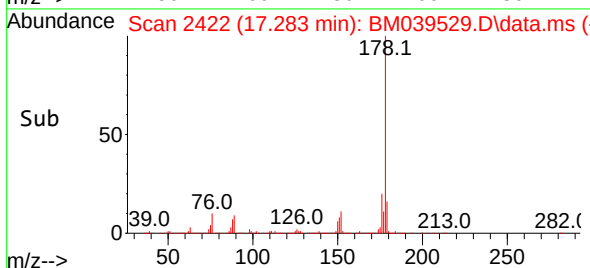
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

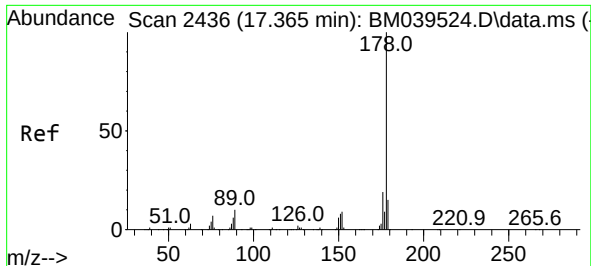


#72
Phenanthrene
Concen: 149.115 ng/ul
RT: 17.283 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48



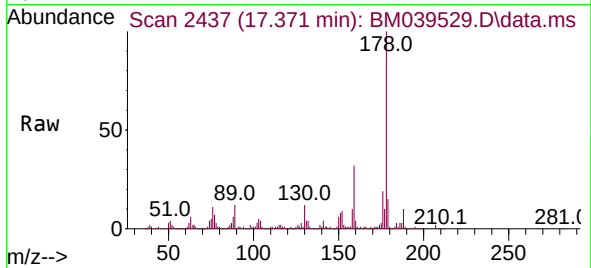
Tgt Ion:178 Resp: 9786379
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 20.3 15.8 23.8





#74
 Anthracene
 Concen: 4.817 ng/ul
 RT: 17.371 min Scan# 2436
 Delta R.T. -0.003 min
 Lab File: BM039529.D
 Acq: 20 Apr 2023 17:48

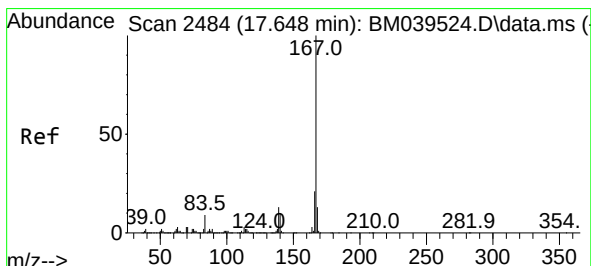
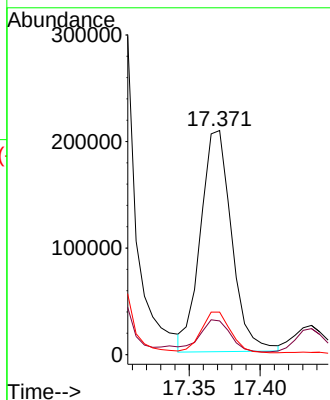
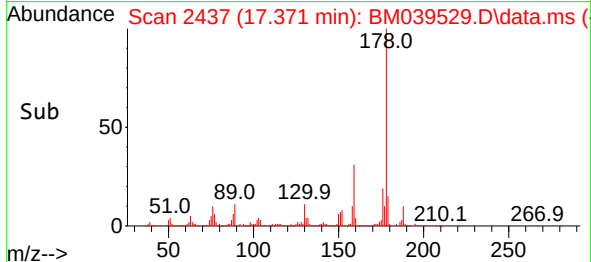
Instrument :
 BNA_M
 ClientSampleId :
 DCBN4



Tgt Ion:178 Resp: 31717
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.1 18.1
 176 18.9 15.0 22.6

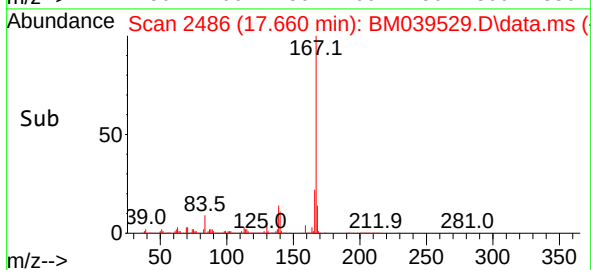
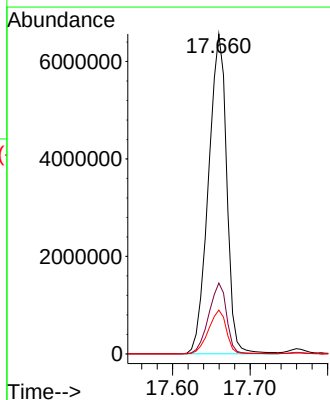
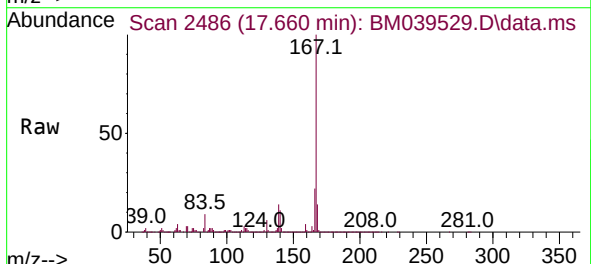
Manual Integrations
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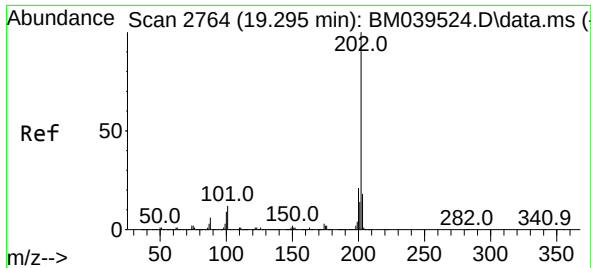
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#77
 Carbazole
 Concen: 183.901 ng/ul
 RT: 17.660 min Scan# 2486
 Delta R.T. 0.009 min
 Lab File: BM039529.D
 Acq: 20 Apr 2023 17:48

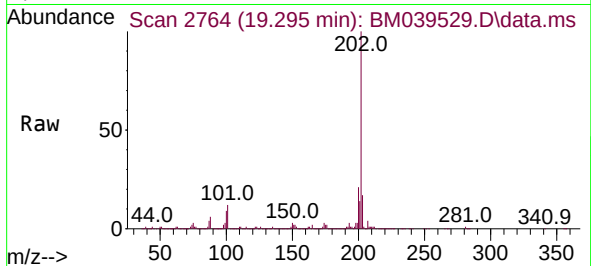
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 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.4
 139 13.7 10.6 15.8





#80
Fluoranthene
Concen: 6.552 ng/ul
RT: 19.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

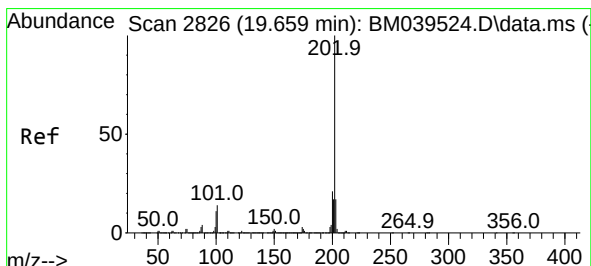
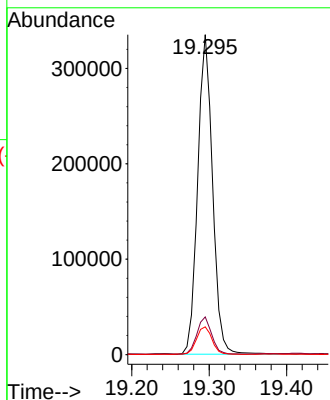
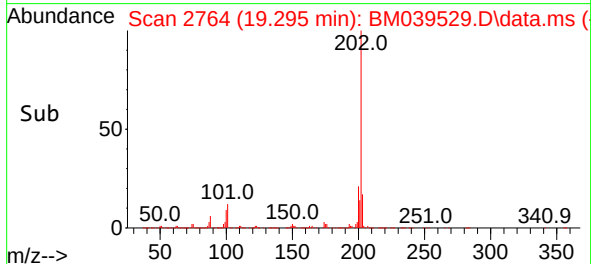
Instrument :
BNA_M
ClientSampleId :
DCBN4



Tgt Ion:202 Resp: 446294
Ion Ratio Lower Upper
202 100
101 11.8 10.4 15.6
100 8.7 7.7 11.5

Manual Integrations
APPROVED

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#82
Pyrene
Concen: 2.780 ng/ul
RT: 19.660 min Scan# 2826
Delta R.T. -0.003 min
Lab File: BM039529.D
Acq: 20 Apr 2023 17:48

Tgt Ion:202 Resp: 196064
Ion Ratio Lower Upper
202 100
101 13.8 12.1 18.1
100 11.9 9.6 14.4

