

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039528.D
 Acq On : 20 Apr 2023 17:12
 Operator : CG/JU
 Sample : 02296-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBN2

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 01:40:26 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	177690	20.000	ng/u1	0.00
20) Naphthalene-d8	10.683	136	518520m	20.000	ng/u1	0.04
38) Acenaphthene-d10	14.483	164	480008	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	938068	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	781015	20.000	ng/u1	0.00
88) Perylene-d12	23.788	264	802592	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	20461	4.420	ng/uL	0.00
4) Pyridine-d5	3.660	84	34152m	2.626	ng/u1	0.02
7) Phenol-d5	7.013	99	122787	7.550	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	388936	36.182	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	369241	28.943	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	233264	17.806	ng/u1	0.00
21) Nitrobenzene-d5	9.007	128	253472	60.761	ng/u1	0.00
24) 2-Nitrophenol-d4	9.736	143	255344	54.511	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.319	165	400600	49.702	ng/u1	0.05
31) 4-Chloroaniline-d4	10.842	131	200265m	16.636	ng/u1	0.06
46) Dimethylphthalate-d6	13.901	166	1484752	38.354	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	1687187	38.795	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	34585	5.903	ng/u1	0.01
60) Fluorene-d10	15.477	176	1268277	39.988	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	203125	32.585	ng/u1	0.00
73) Anthracene-d10	17.336	188	1849878	41.005	ng/u1	0.00
81) Pyrene-d10	19.630	212	2014170	38.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.641	264	1745098	40.273	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.689	128	85158947m	2968.332	ng/u1	
36) 2-Methylnaphthalene	12.330	142	24541385	1276.037	ng/u1	96
37) 1-Methylnaphthalene	12.548	142	15110534	781.832	ng/u1	97
43) 1,1'-Biphenyl	13.318	154	5630163	151.774	ng/u1	99
50) Acenaphthylene	14.207	152	185606	3.990	ng/u1#	81
52) Acenaphthene	14.565	153	14390415	449.290	ng/u1	98
56) Dibenzofuran	14.895	168	13397728	307.750	ng/u1	98
61) Fluorene	15.542	166	5485564	152.325	ng/u1	99
72) Phenanthrene	17.277	178	6700312	128.656	ng/u1	99
77) Carbazole	17.659	167	13114137	282.473	ng/u1	97
80) Fluoranthene	19.295	202	93582	1.538	ng/u1	99

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

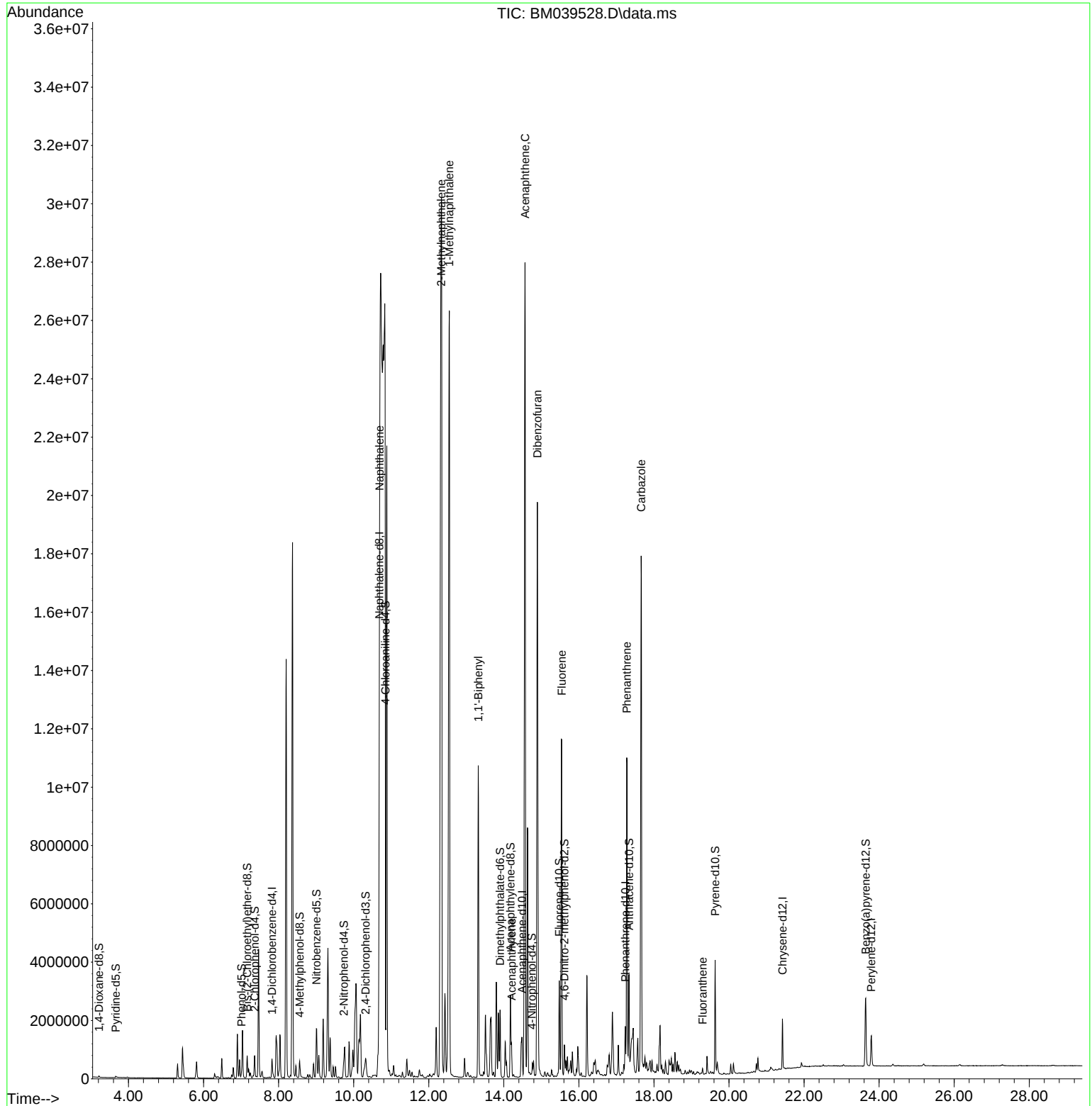
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039528.D
Acq On : 20 Apr 2023 17:12
Operator : CG/JU
Sample : 02296-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

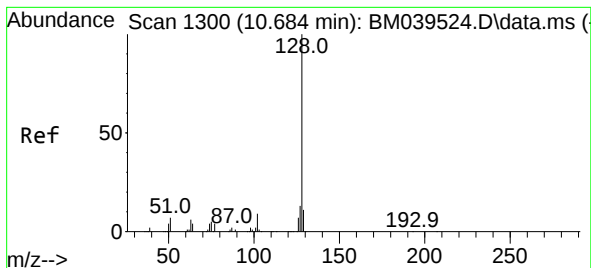
Instrument :
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Quant Time: Apr 21 01:40:26 2023
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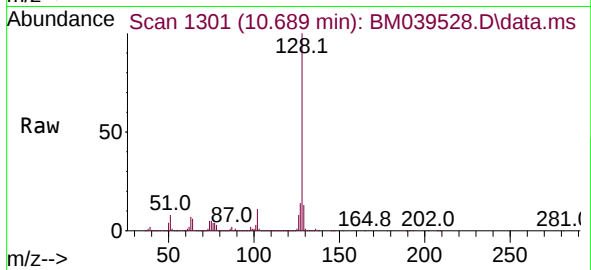
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023





#30
Naphthalene
Concen: 2968.332 ng/ul m
RT: 10.689 min Scan# 1300
Delta R.T. 0.003 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12

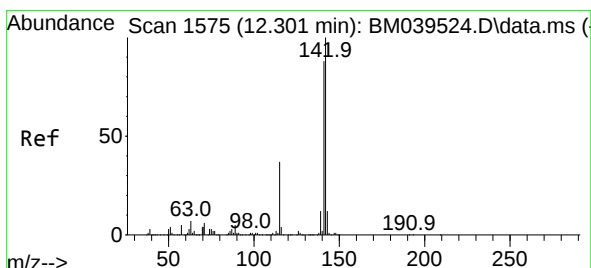
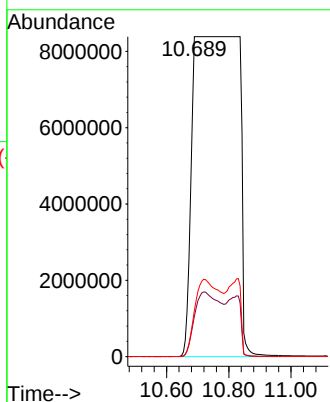
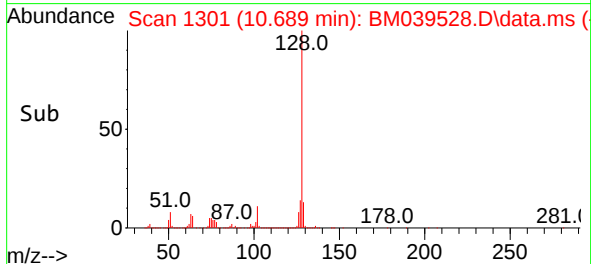
Instrument :
BNA_M
ClientSampleId :
DCBN2



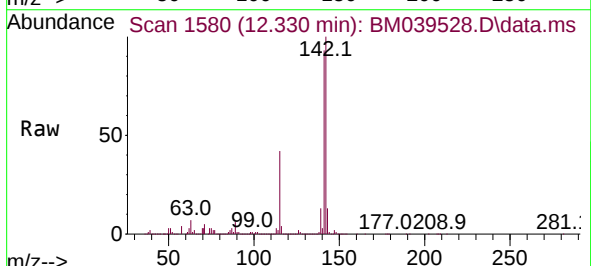
Tgt Ion:128 Resp:8515894
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.4 10.5 15.7

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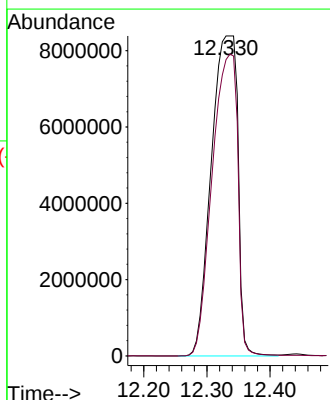
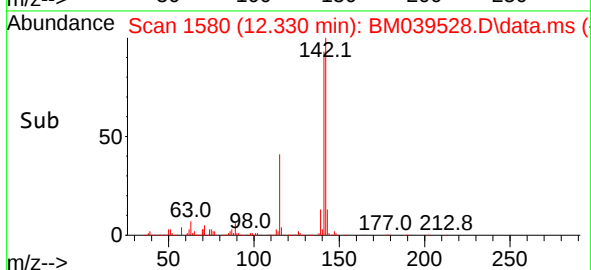
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

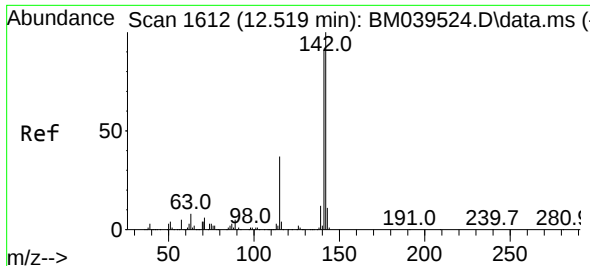


#36
2-Methylnaphthalene
Concen: 1276.037 ng/ul
RT: 12.330 min Scan# 1580
Delta R.T. 0.026 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12



Tgt Ion:142 Resp:24541385
Ion Ratio Lower Upper
142 100
141 92.6 71.1 106.7





#37

1-Methylnaphthalene

Concen: 781.832 ng/ul

RT: 12.548 min Scan# 1617

Delta R.T. 0.026 min

Lab File: BM039528.D

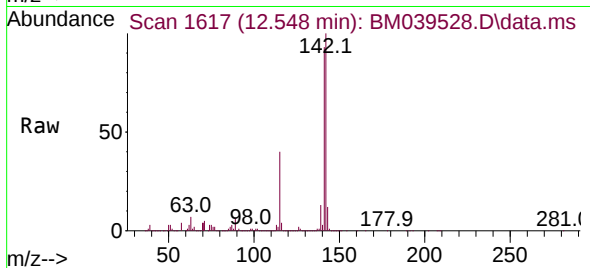
Acq: 20 Apr 2023 17:12

Instrument :

BNA_M

ClientSampleId :

DCBN2



Tgt Ion:142 Resp:15110534

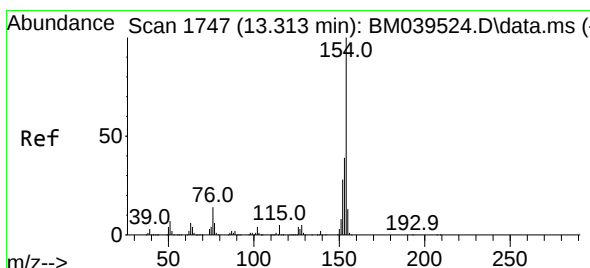
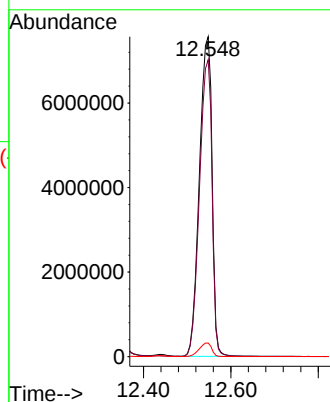
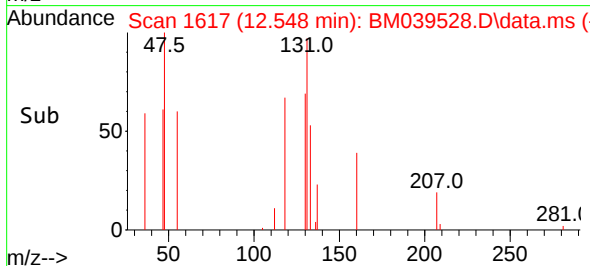
Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.0	108.0
116	4.2	3.2	4.8

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#43

1,1'-Biphenyl

Concen: 151.774 ng/ul

RT: 13.318 min Scan# 1748

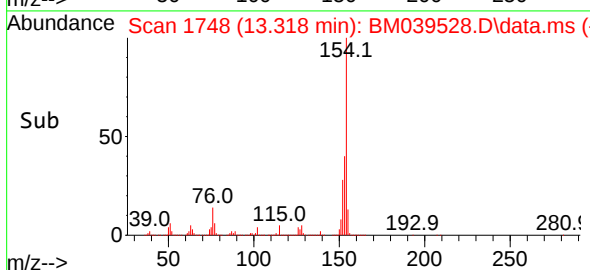
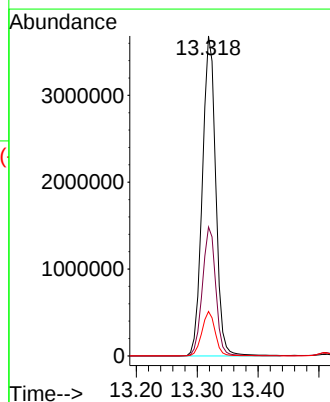
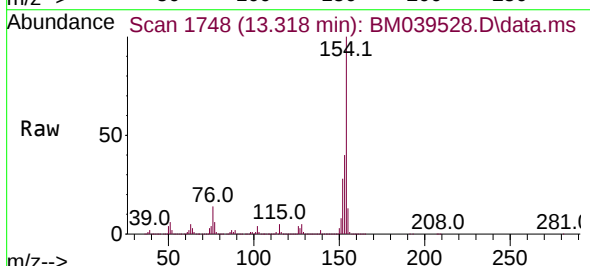
Delta R.T. -0.003 min

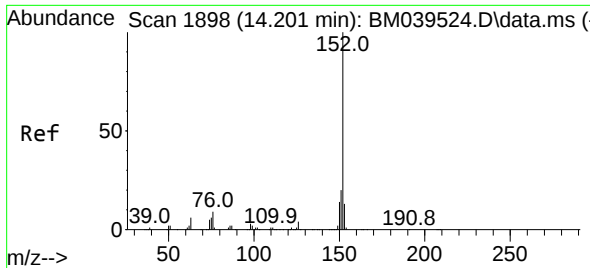
Lab File: BM039528.D

Acq: 20 Apr 2023 17:12

Tgt Ion:154 Resp: 5630163

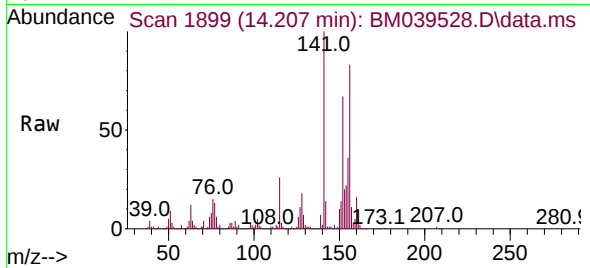
Ion	Ratio	Lower	Upper
154	100		
153	40.3	31.9	47.9
76	13.9	11.5	17.3





#50
Acenaphthylene
Concen: 3.990 ng/ul
RT: 14.207 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12

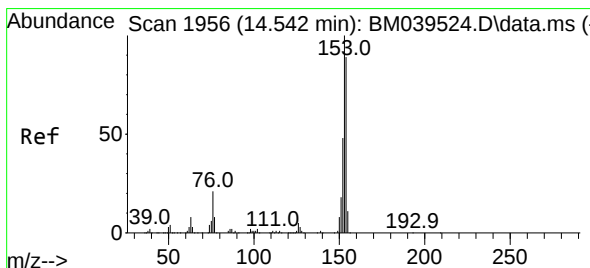
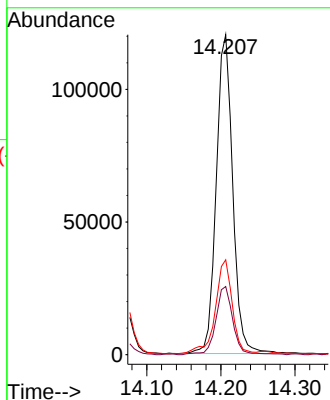
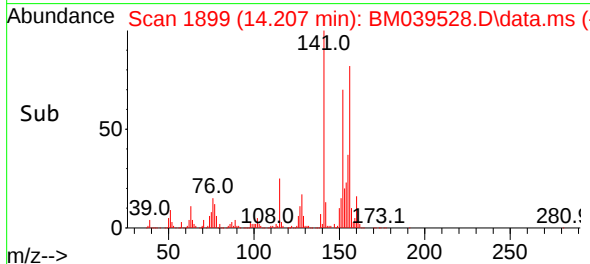
Instrument :
BNA_M
ClientSampleId :
DCBN2



Tgt Ion:152 Resp: 185606
Ion Ratio Lower Upper
152 100
151 21.3 15.8 23.8
153 29.6 10.4 15.6

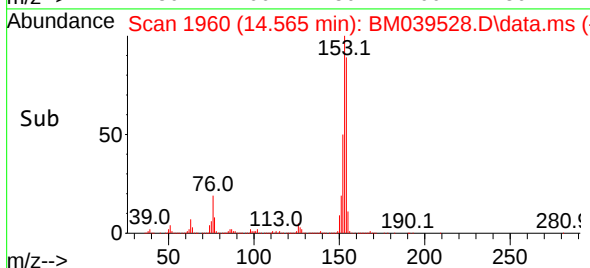
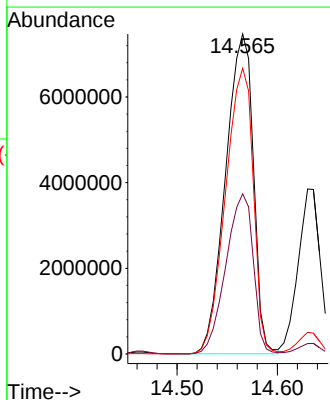
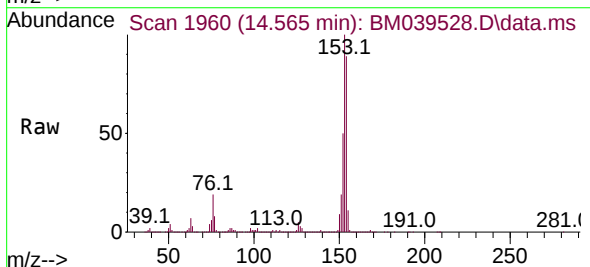
Manual Integrations
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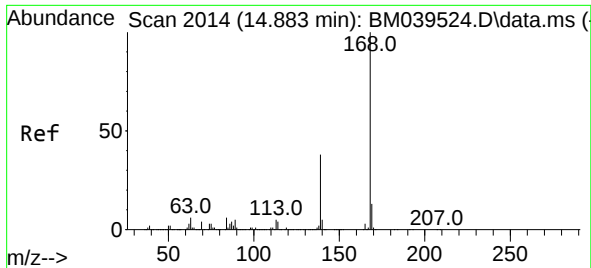
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#52
Acenaphthene
Concen: 449.290 ng/ul
RT: 14.565 min Scan# 1960
Delta R.T. 0.015 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12

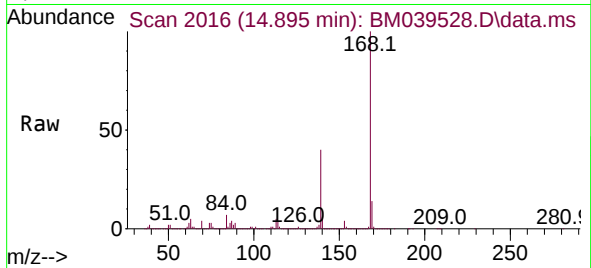
Tgt Ion:153 Resp:14390415
Ion Ratio Lower Upper
153 100
152 50.0 38.2 57.4
154 89.3 71.0 106.4





#56
Dibenzofuran
Concen: 307.750 ng/ul
RT: 14.895 min Scan# 2016
Delta R.T. 0.009 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12

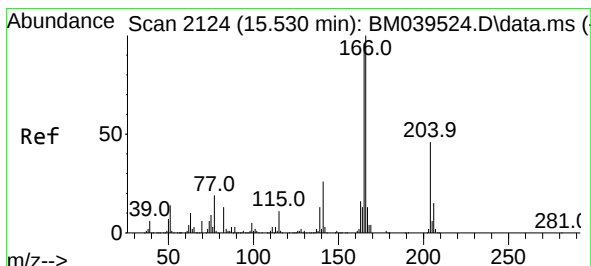
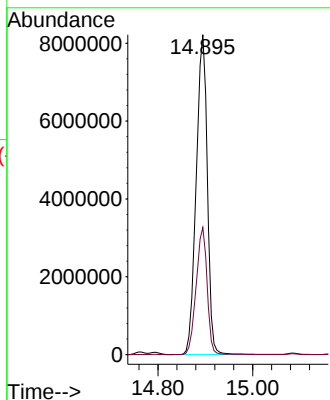
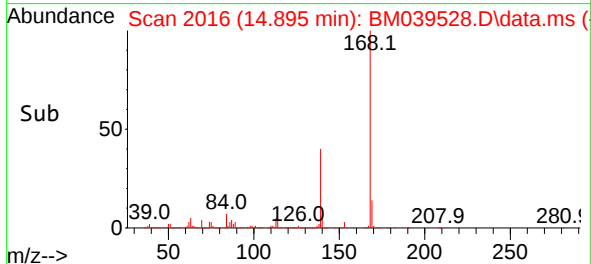
Instrument :
BNA_M
ClientSampleId :
DCBN2



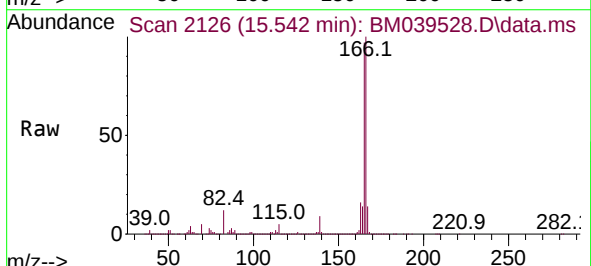
Tgt Ion:168 Resp:13397728
Ion Ratio Lower Upper
168 100
139 39.7 30.7 46.1

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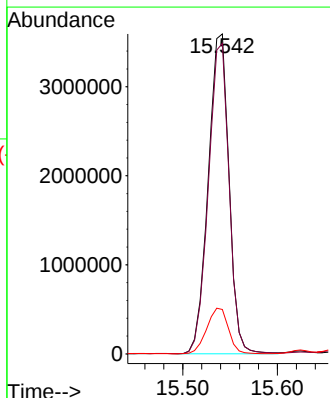
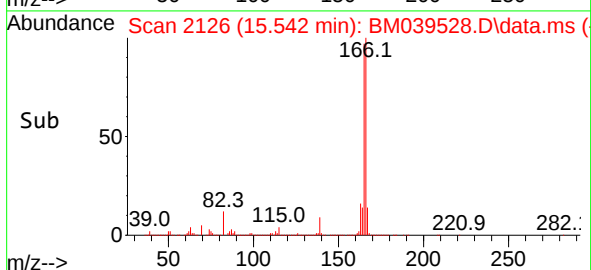
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

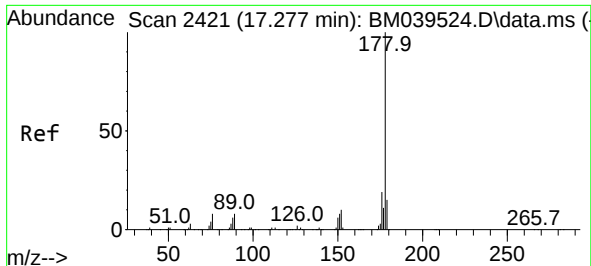


#61
Fluorene
Concen: 152.325 ng/ul
RT: 15.542 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12



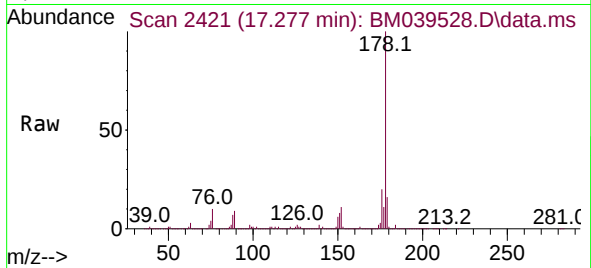
Tgt Ion:166 Resp: 5485564
Ion Ratio Lower Upper
166 100
165 97.1 78.2 117.2
167 13.9 10.7 16.1





#72
Phenanthrene
Concen: 128.656 ng/u1
RT: 17.277 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12

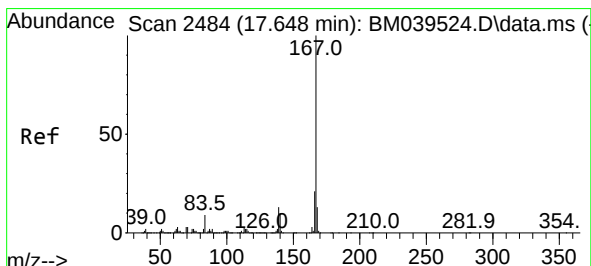
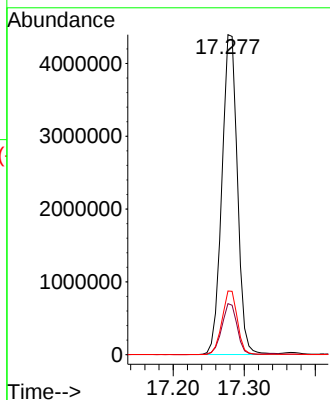
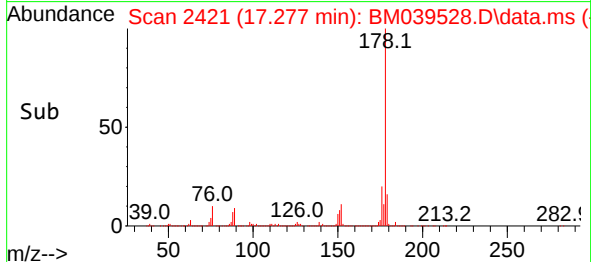
Instrument :
BNA_M
ClientSampleId :
DCBN2



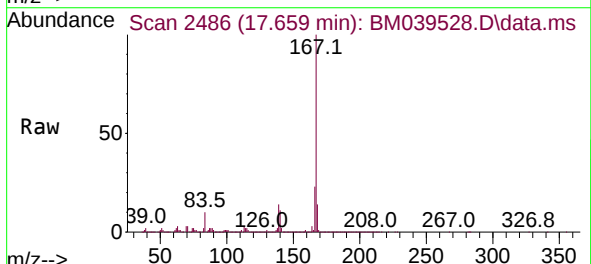
Tgt Ion:178 Resp: 6700312
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.4
176 19.9 15.8 23.8

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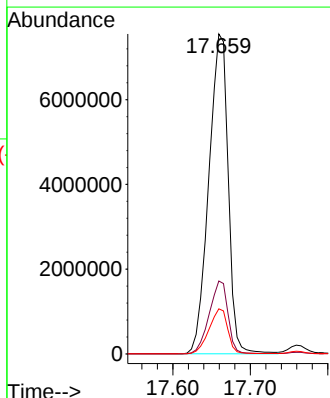
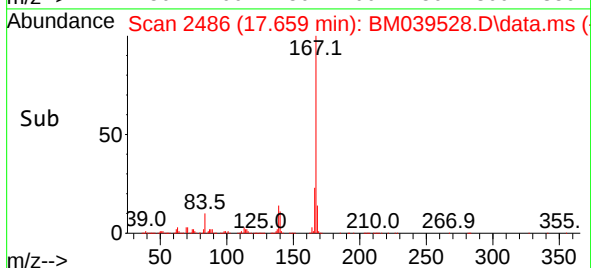
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

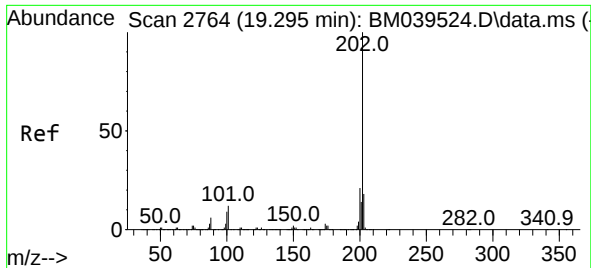


#77
Carbazole
Concen: 282.473 ng/u1
RT: 17.659 min Scan# 2486
Delta R.T. 0.009 min
Lab File: BM039528.D
Acq: 20 Apr 2023 17:12



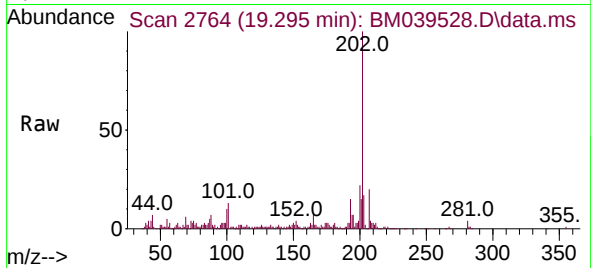
Tgt Ion:167 Resp:13114137
Ion Ratio Lower Upper
167 100
166 22.8 17.0 25.4
139 14.1 10.6 15.8





#80
 Fluoranthene
 Concen: 1.538 ng/ul
 RT: 19.295 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BM039528.D
 Acq: 20 Apr 2023 17:12

Instrument :
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Tgt Ion:202 Resp: 93582
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.4 15.6
 100 10.4 7.7 11.5

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