

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039526.D
 Acq On : 20 Apr 2023 15:59
 Operator : CG/JU
 Sample : 02296-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM8

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 01:16:05 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	238278	20.000	ng/u1	0.00
20) Naphthalene-d8	10.654	136	1061106	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.483	164	700965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.236	188	1499098	20.000	ng/u1	0.00
79) Chrysene-d12	21.430	240	974788	20.000	ng/u1	0.00
88) Perylene-d12	23.794	264	889770	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	27301	4.398	ng/uL	0.00
4) Pyridine-d5	3.649	84	74937	4.296	ng/u1	0.00
7) Phenol-d5	7.013	99	163687	7.506	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	452434	31.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	440896	25.772	ng/u1	0.00
15) 4-Methylphenol-d8	8.560	113	303388	17.270	ng/u1	0.00
21) Nitrobenzene-d5	9.001	128	281545	32.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.725	143	293171	30.584	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.284	165	508662	30.839	ng/u1	0.01
31) 4-Chloroaniline-d4	10.789	131	223901	9.089	ng/u1	0.00
46) Dimethylphthalate-d6	13.901	166	1859467	32.892	ng/u1	0.00
49) Acenaphthylene-d8	14.177	160	2069385	32.584	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	55648	6.504	ng/u1	0.02
60) Fluorene-d10	15.477	176	1603527	34.621	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.619	200	240862	24.178	ng/u1	0.00
73) Anthracene-d10	17.336	188	2499275	34.667	ng/u1	0.00
81) Pyrene-d10	19.630	212	2475408	38.216	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.642	264	1645600	34.256	ng/u1	0.00
Target Compounds					Qvalue	
13) 2-Methylphenol	8.290	108	65398	3.708	ng/u1	96
18) 4-Methylphenol	8.625	108	114934	6.036	ng/u1	96
26) 2,4-Dimethylphenol	9.831	107	395742m	19.362	ng/u1	
30) Naphthalene	10.695	128	45802073m	780.143	ng/u1	
36) 2-Methylnaphthalene	12.313	142	9011294	228.959	ng/u1	99
37) 1-Methylnaphthalene	12.530	142	6411331	162.102	ng/u1	98
43) 1,1'-Biphenyl	13.319	154	2118598	39.109	ng/u1	100
50) Acenaphthylene	14.207	152	111157	1.636	ng/u1#	74
52) Acenaphthene	14.554	153	7460303	159.501	ng/u1	99
56) Dibenzofuran	14.889	168	7556017	118.853	ng/u1	99
61) Fluorene	15.536	166	2843333	54.067	ng/u1	98
72) Phenanthrene	17.283	178	5655584	67.954	ng/u1	100
77) Carbazole	17.654	167	4329548	58.356	ng/u1	99
80) Fluoranthene	19.295	202	81143	1.069	ng/u1	98

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

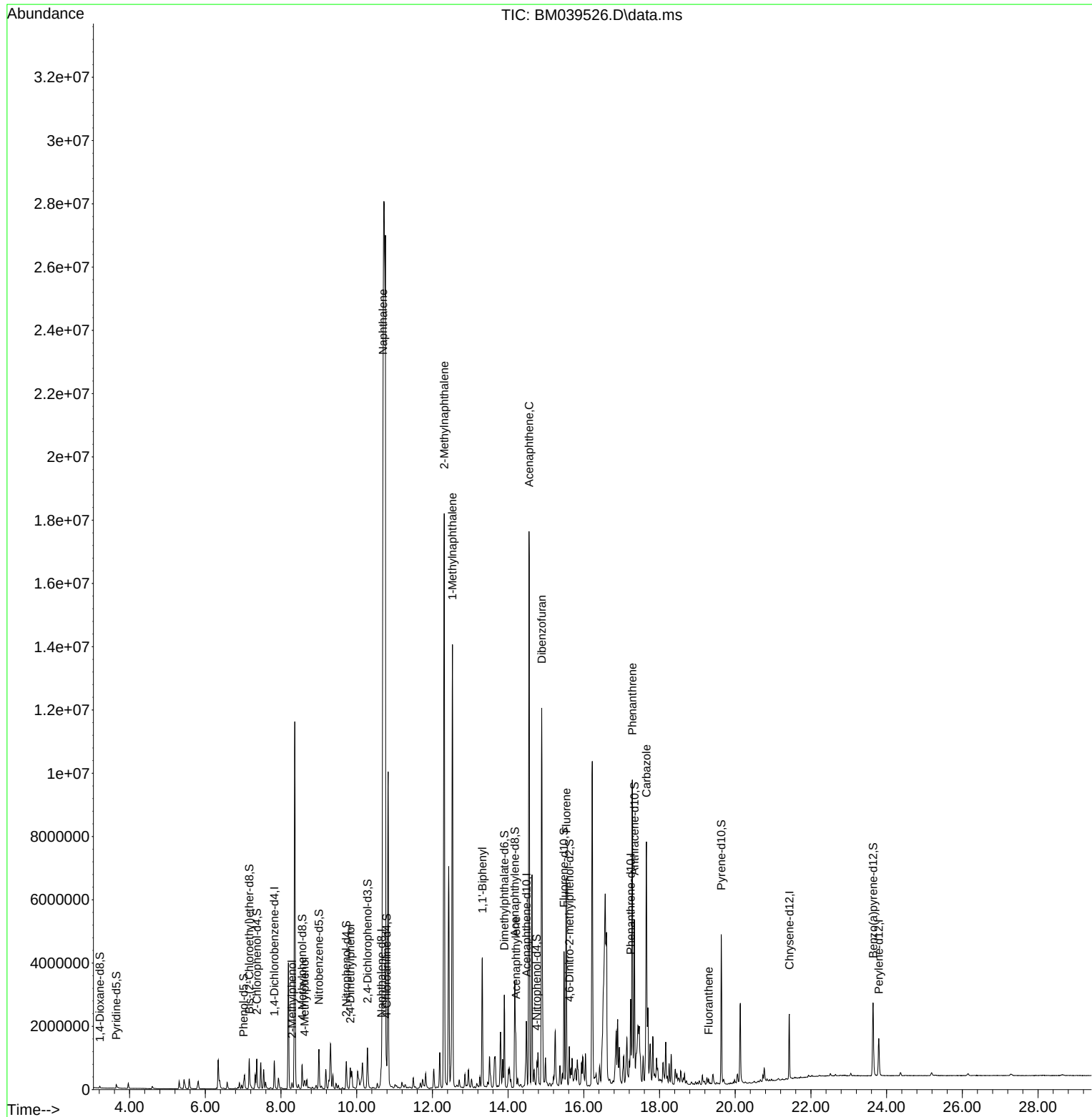
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039526.D
Acq On : 20 Apr 2023 15:59
Operator : CG/JU
Sample : 02296-19
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ALS Vial : 7 Sample Multiplier: 1

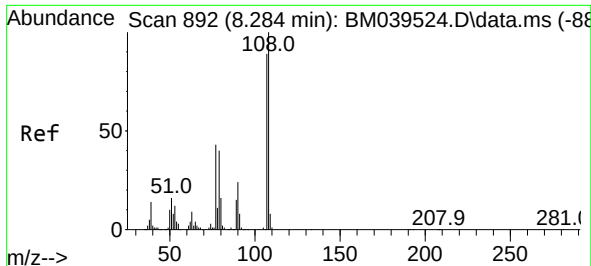
Instrument :
BNA_M
ClientSampleId :
DCBM8

Quant Time: Apr 21 01:16:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
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#13

2-Methylphenol

Concen: 3.708 ng/ul

RT: 8.290 min Scan# 89

Delta R.T. -0.003 min

Lab File: BM039526.D

Acq: 20 Apr 2023 15:59

Instrument :

BNA_M

ClientSampleId :

DCBM8

Tgt Ion:108 Resp: 65398

Ion Ratio Lower Upper

108 100

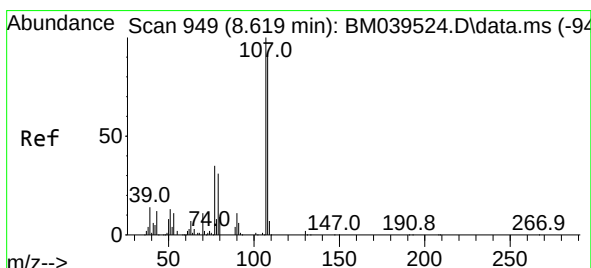
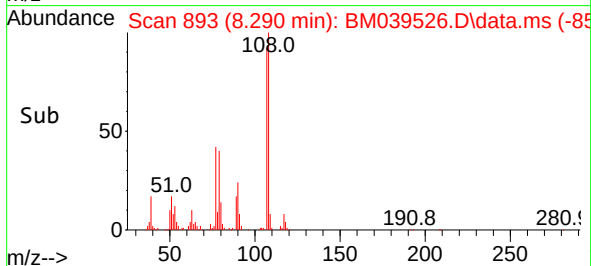
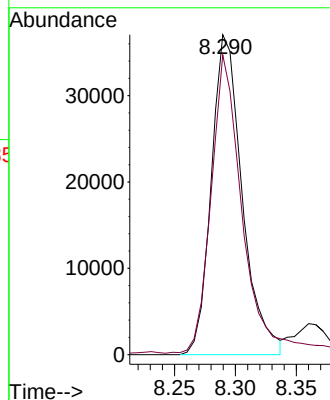
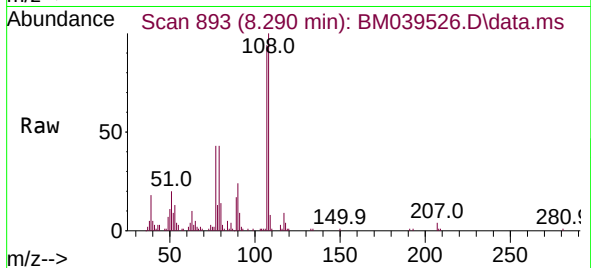
107 93.7 71.7 107.5

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#18

4-Methylphenol

Concen: 6.036 ng/ul

RT: 8.625 min Scan# 950

Delta R.T. -0.003 min

Lab File: BM039526.D

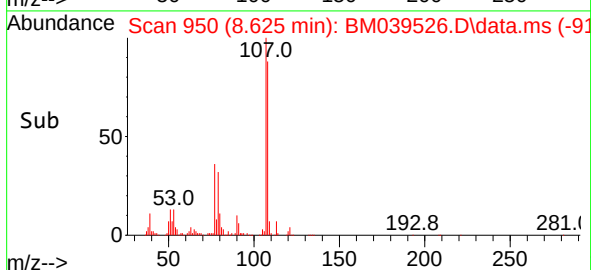
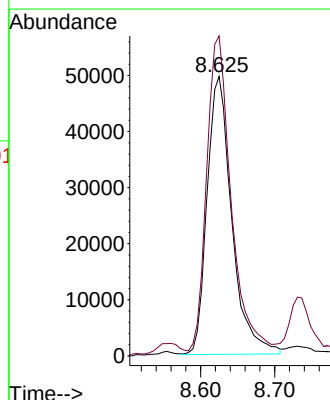
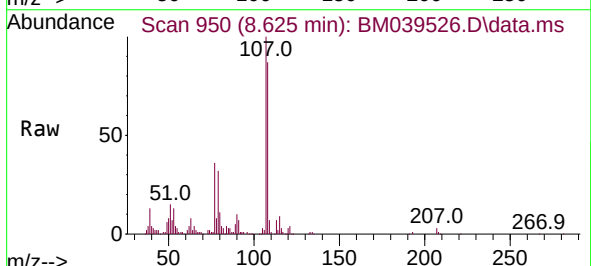
Acq: 20 Apr 2023 15:59

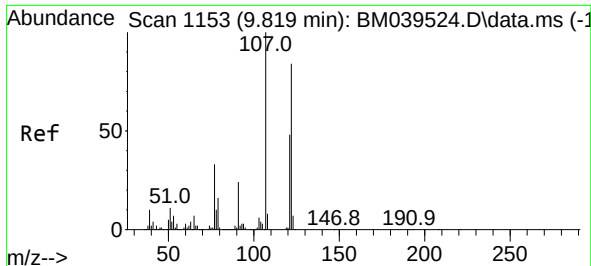
Tgt Ion:108 Resp: 114934

Ion Ratio Lower Upper

108 100

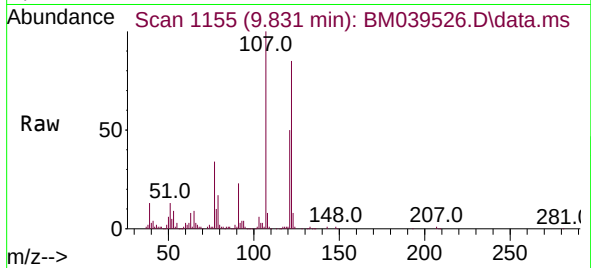
107 114.5 88.6 133.0





#26
2,4-Dimethylphenol
Concen: 19.362 ng/ul m
RT: 9.831 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

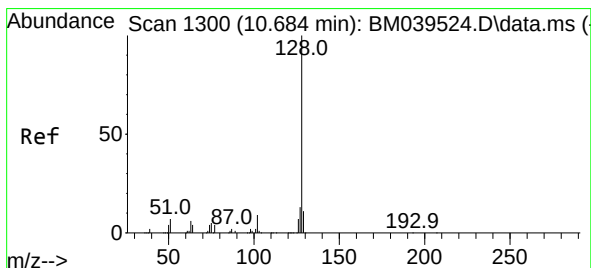
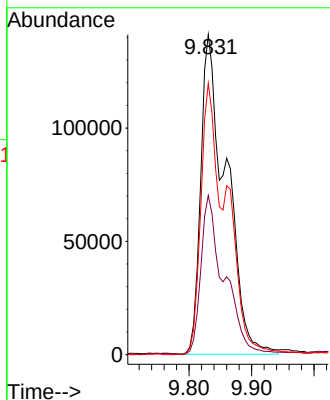
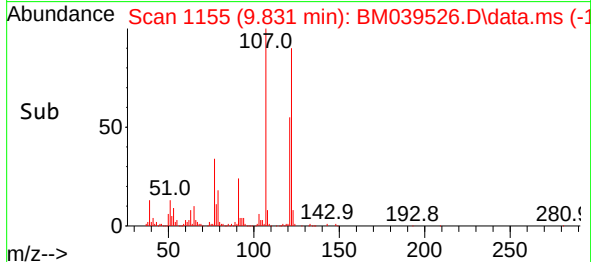
Instrument :
BNA_M
ClientSampleId :
DCBM8



Tgt Ion:107 Resp: 395742
Ion Ratio Lower Upper
107 100
121 49.7 39.1 58.7
122 84.8 68.1 102.1

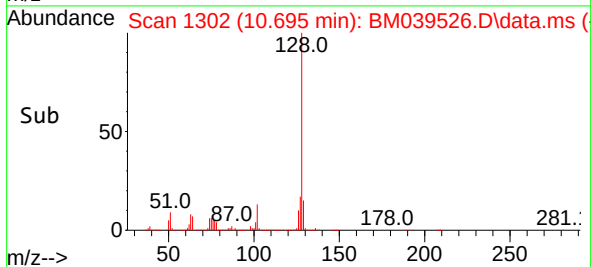
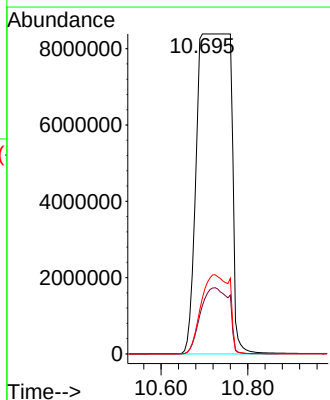
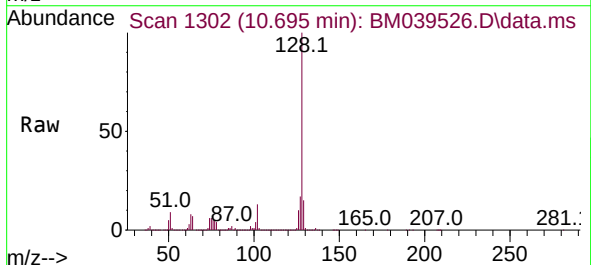
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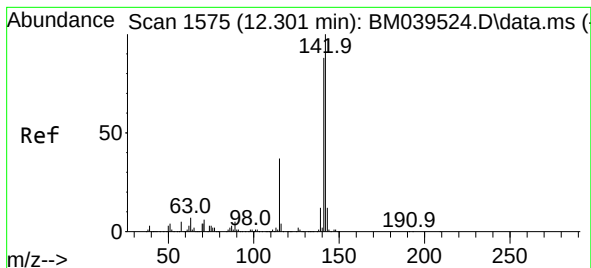
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#30
Naphthalene
Concen: 780.143 ng/ul m
RT: 10.695 min Scan# 1302
Delta R.T. 0.009 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

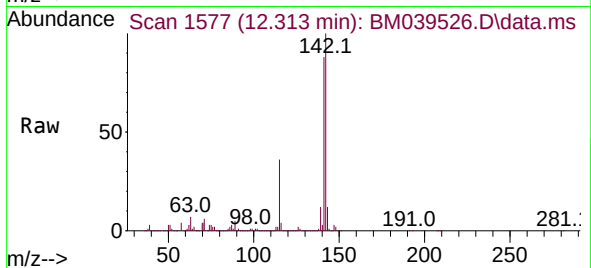
Tgt Ion:128 Resp:45802073
Ion Ratio Lower Upper
128 100
129 15.1 8.9 13.3#
127 17.4 10.5 15.7#





#36
2-Methylnaphthalene
Concen: 228.959 ng/ul
RT: 12.313 min Scan# 11
Delta R.T. 0.009 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

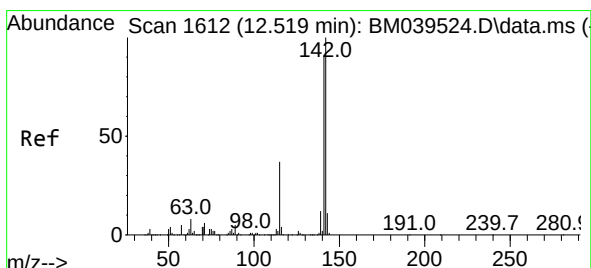
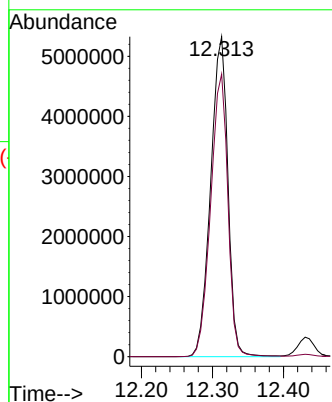
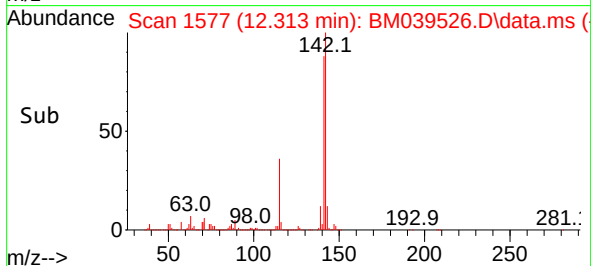
Instrument :
BNA_M
ClientSampleId :
DCBM8



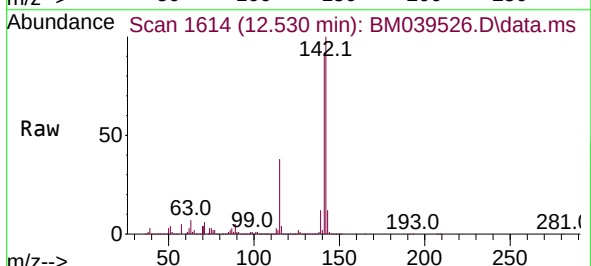
Tgt Ion:142 Resp: 9011294
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7

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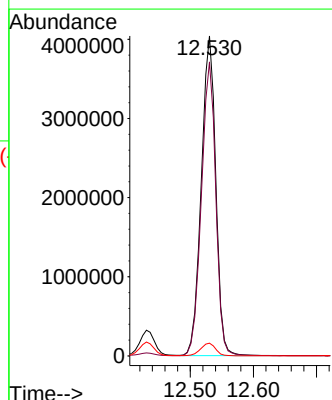
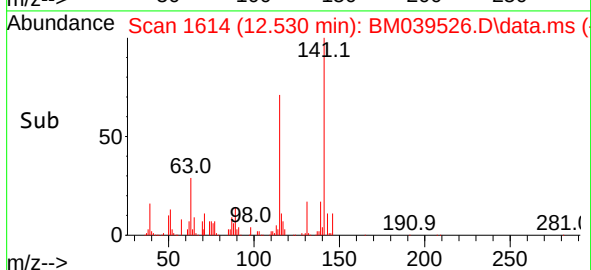
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

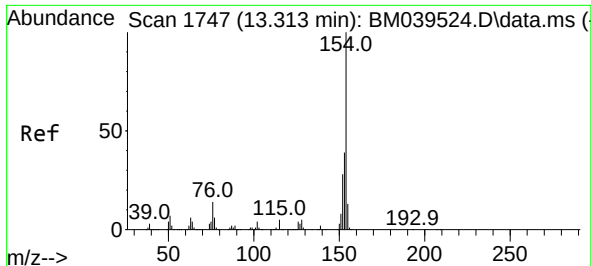


#37
1-Methylnaphthalene
Concen: 162.102 ng/ul
RT: 12.530 min Scan# 1614
Delta R.T. 0.009 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59



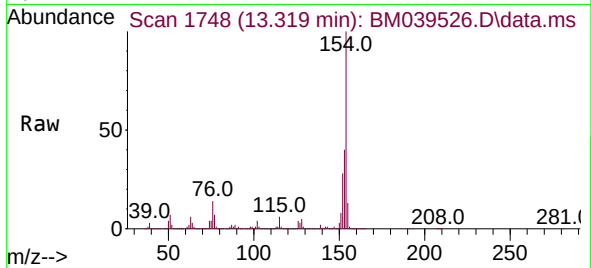
Tgt Ion:142 Resp: 6411331
Ion Ratio Lower Upper
142 100
141 91.9 72.0 108.0
116 4.0 3.2 4.8





#43
1,1'-Biphenyl
Concen: 39.109 ng/ul
RT: 13.319 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

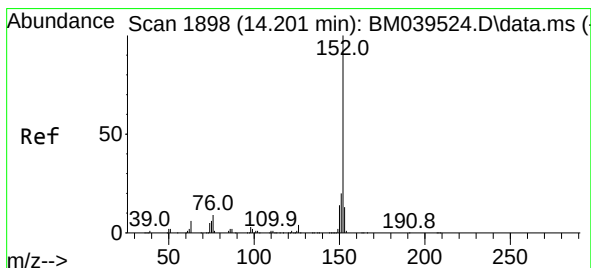
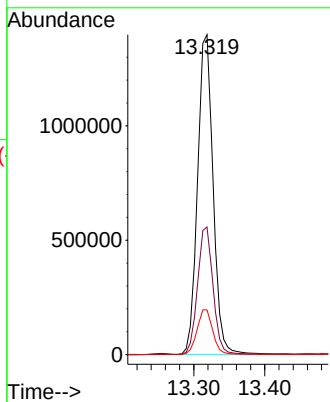
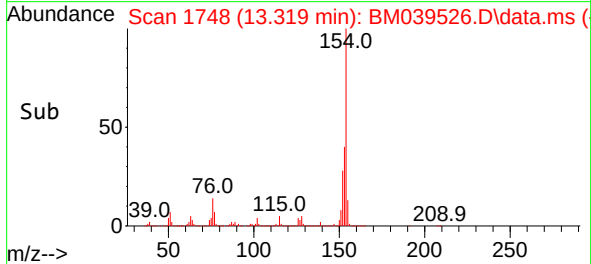
Instrument :
BNA_M
ClientSampleId :
DCBM8



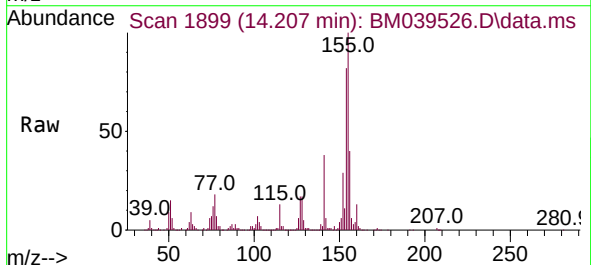
Tgt Ion:154 Resp: 2118598
Ion Ratio Lower Upper
154 100
153 39.9 31.9 47.9
76 14.0 11.5 17.3

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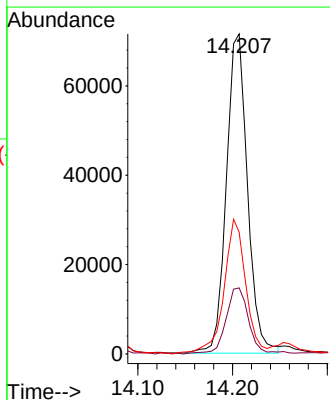
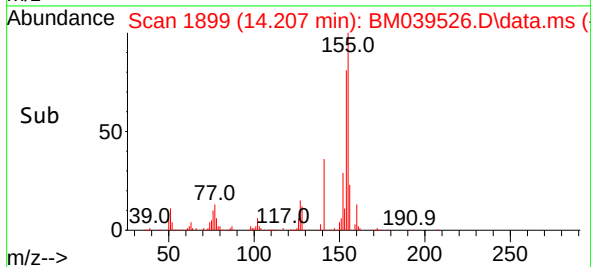
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

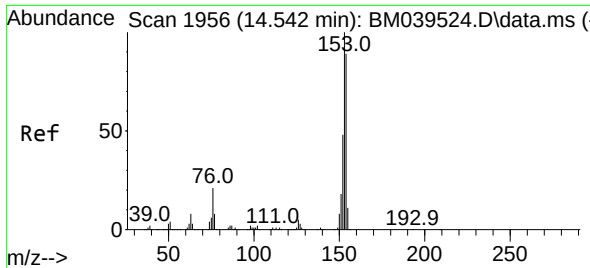


#50
Acenaphthylene
Concen: 1.636 ng/ul
RT: 14.207 min Scan# 1899
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59



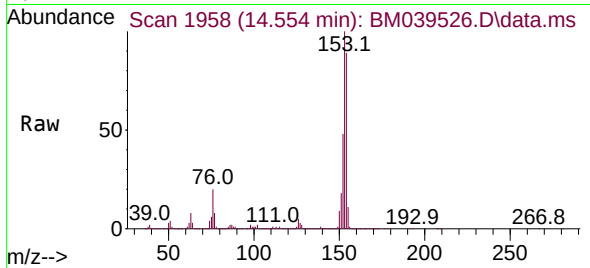
Tgt Ion:152 Resp: 111157
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 38.0 10.4 15.6#





#52
Acenaphthene
Concen: 159.501 ng/uI
RT: 14.554 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

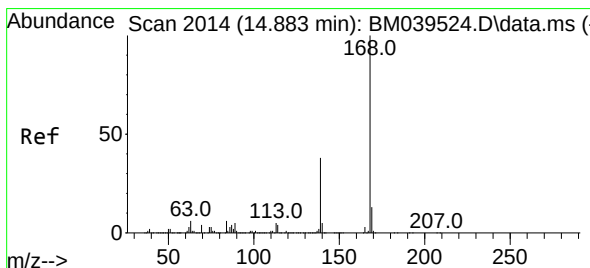
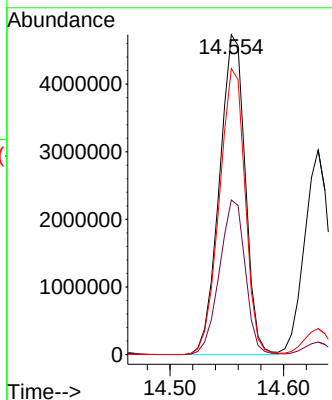
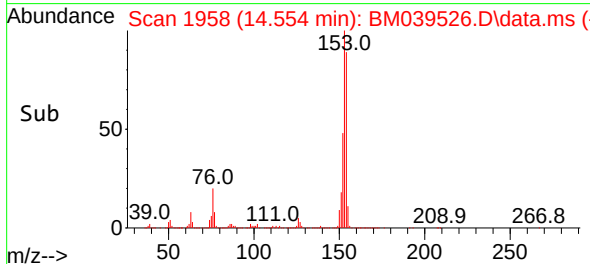
Instrument :
BNA_M
ClientSampleId :
DCBM8



Tgt Ion:153 Resp: 7460303
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.4
154 89.4 71.0 106.4

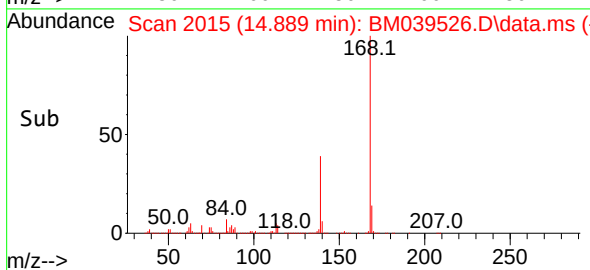
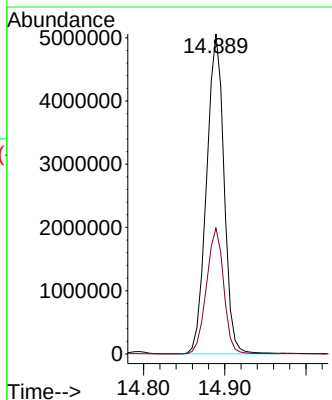
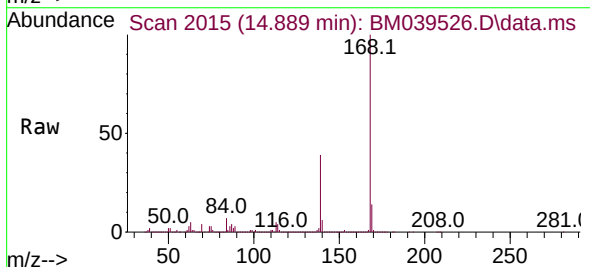
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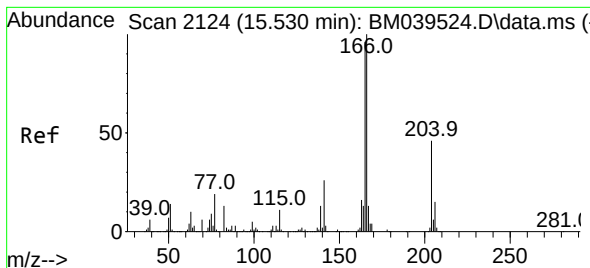
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#56
Dibenzofuran
Concen: 118.853 ng/uI
RT: 14.889 min Scan# 2015
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

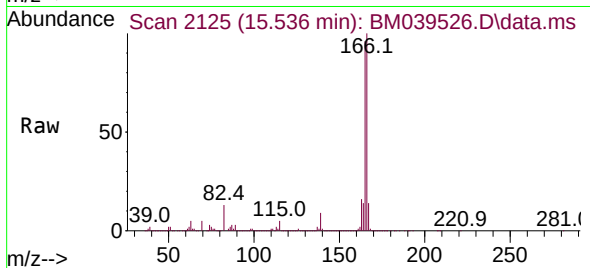
Tgt Ion:168 Resp: 7556017
Ion Ratio Lower Upper
168 100
139 39.3 30.7 46.1





#61
Fluorene
Concen: 54.067 ng/ul
RT: 15.536 min Scan# 2124
Delta R.T. -0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

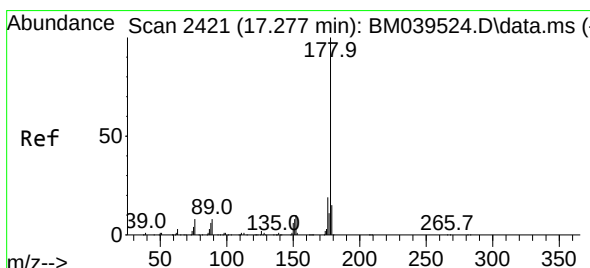
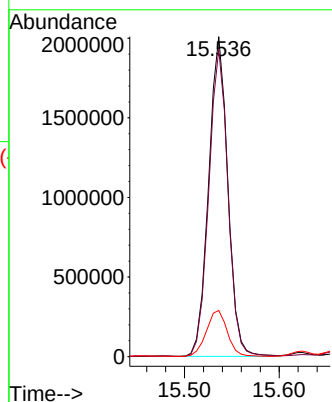
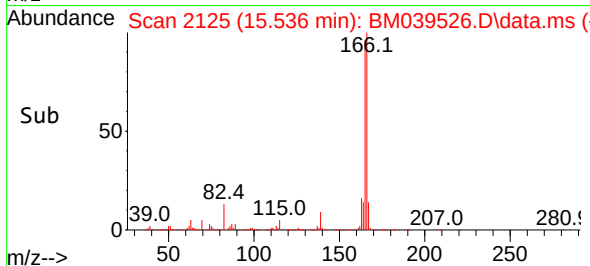
Instrument :
BNA_M
ClientSampleId :
DCBM8



Tgt Ion:166 Resp: 2843333
Ion Ratio Lower Upper
166 100
165 96.0 78.2 117.2
167 14.4 10.7 16.1

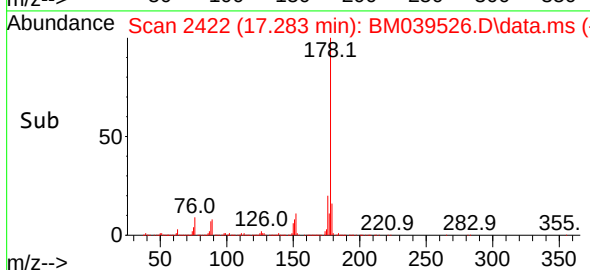
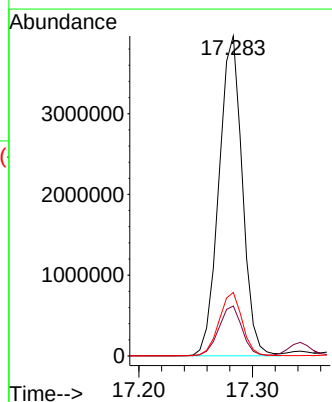
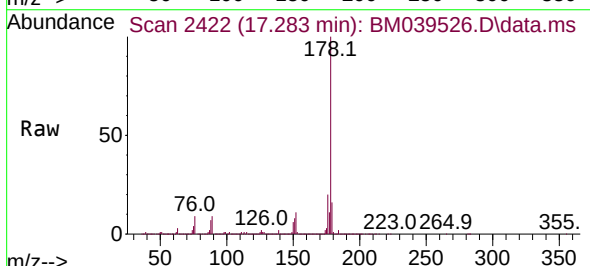
Manual Integrations
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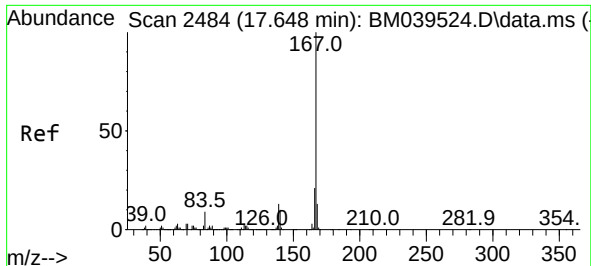
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#72
Phenanthrene
Concen: 67.954 ng/ul
RT: 17.283 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BM039526.D
Acq: 20 Apr 2023 15:59

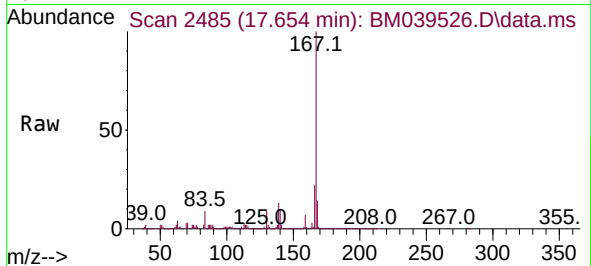
Tgt Ion:178 Resp: 5655584
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.8 15.8 23.8





#77
 Carbazole
 Concen: 58.356 ng/ul
 RT: 17.654 min Scan# 2484
 Delta R.T. 0.003 min
 Lab File: BM039526.D
 Acq: 20 Apr 2023 15:59

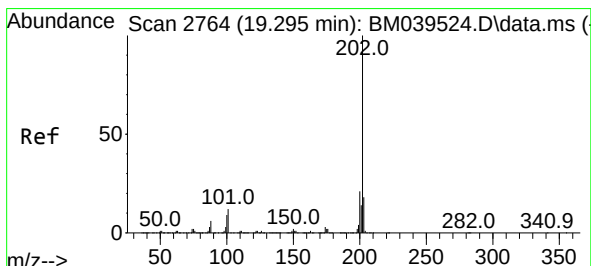
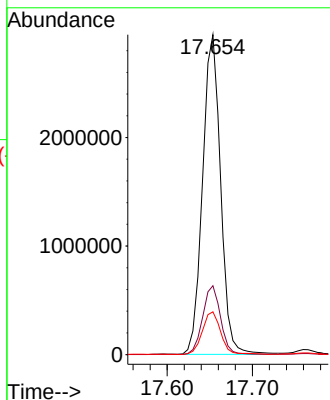
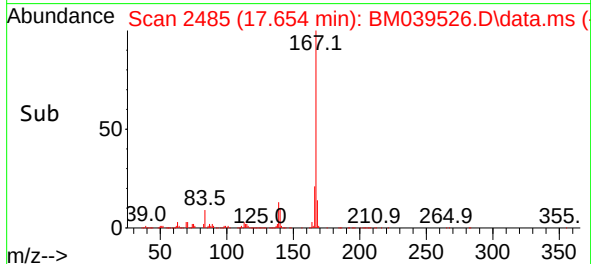
Instrument :
 BNA_M
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Tgt Ion:167 Resp: 4329548
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.4 10.6 15.8

Manual Integrations
 APPROVED

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#80
 Fluoranthene
 Concen: 1.069 ng/ul
 RT: 19.295 min Scan# 2764
 Delta R.T. -0.003 min
 Lab File: BM039526.D
 Acq: 20 Apr 2023 15:59

Tgt Ion:202 Resp: 81143
 Ion Ratio Lower Upper
 202 100
 101 13.7 10.4 15.6
 100 10.7 7.7 11.5

