

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038883.D
 Acq On : 06 Mar 2023 22:17
 Operator : CG/JU
 Sample : 01746-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 00:01:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	298811	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1361464	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	848073	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1831954	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1781949	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	2084245	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33462	4.182	ng/uL	0.00
4) Pyridine-d5	3.804	84	179220	8.146	ng/u1	0.00
7) Phenol-d5	7.151	99	157531	5.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	532480	29.748	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	492022	23.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	308895	13.996	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	336100	35.165	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	317336	35.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	562419	27.025	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	788778	22.739	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2190850	33.354	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2456949	32.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	64776	4.926	ng/u1	0.00
60) Fluorene-d10	15.627	176	1945440	33.582	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	301582	31.665	ng/u1	0.00
73) Anthracene-d10	17.480	188	3251660	35.996	ng/u1	0.00
81) Pyrene-d10	19.768	212	3915407	39.950	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	4064031	38.693	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.869	128	1779173	22.902	ng/u1	100
36) 2-Methylnaphthalene	12.474	142	59400	1.171	ng/u1	98
37) 1-Methylnaphthalene	12.692	142	184359	3.608	ng/u1#	100
43) 1,1'-Biphenyl	13.474	154	296116	4.427	ng/u1	99
50) Acenaphthylene	14.363	152	105170	1.235	ng/u1	99
52) Acenaphthene	14.704	153	1782084	30.406	ng/u1	99
56) Dibenzofuran	15.033	168	901260	11.077	ng/u1	100
61) Fluorene	15.680	166	365179	5.353	ng/u1	98
71) Pentachlorophenol	17.027	266	20165m	1.452	ng/u1	
72) Phenanthrene	17.421	178	340910	3.221	ng/u1	99
77) Carbazole	17.786	167	4884900	48.810	ng/u1	100

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

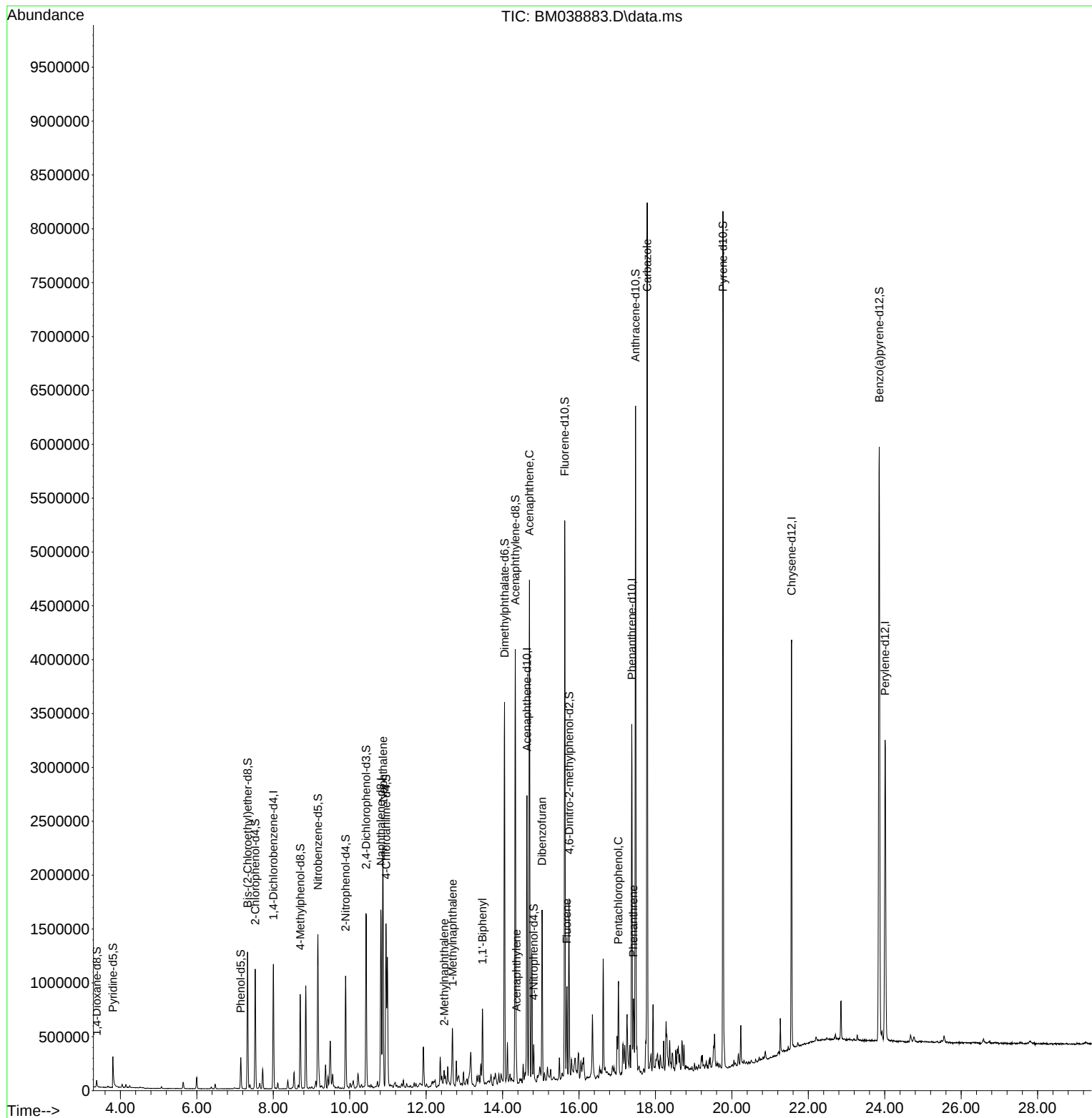
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038883.D
Acq On : 06 Mar 2023 22:17
Operator : CG/JU
Sample : 01746-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

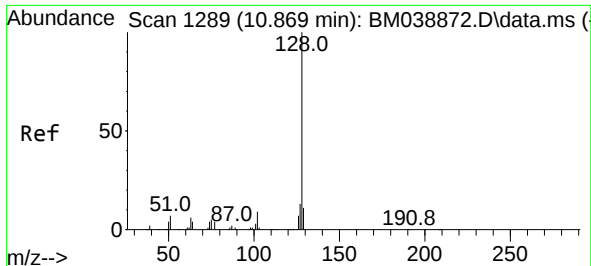
Instrument :
BNA_M
ClientSampleId :
DCAE1

Quant Time: Mar 07 00:01:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 06 23:57:30 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

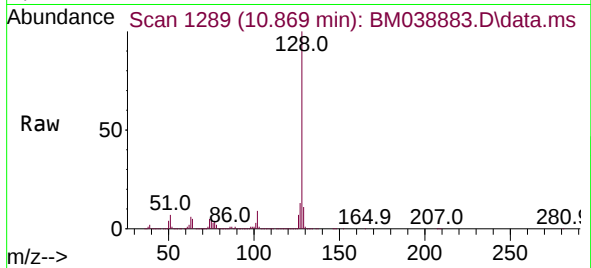
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023





#30
Naphthalene
Concen: 22.902 ng/ul
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17

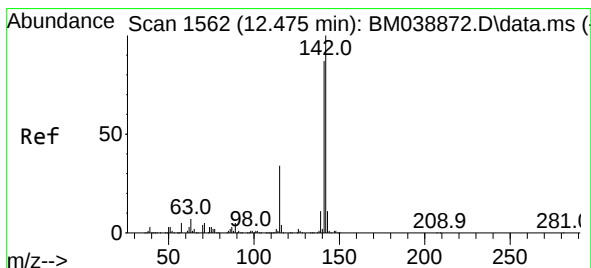
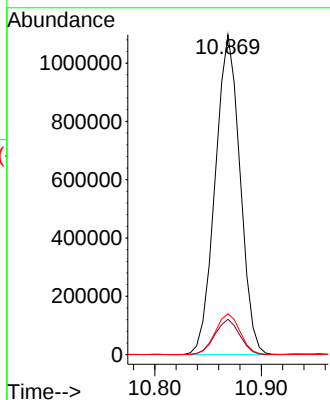
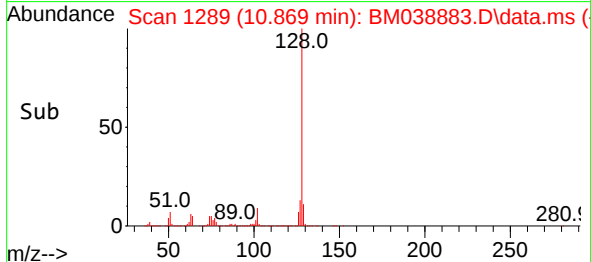
Instrument :
BNA_M
ClientSampleId :
DCAE1



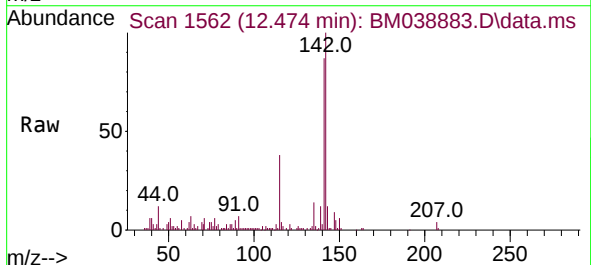
Tgt Ion:128 Resp: 1779173
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.2 15.4

Manual Integrations
APPROVED

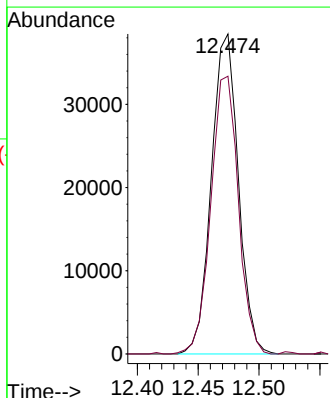
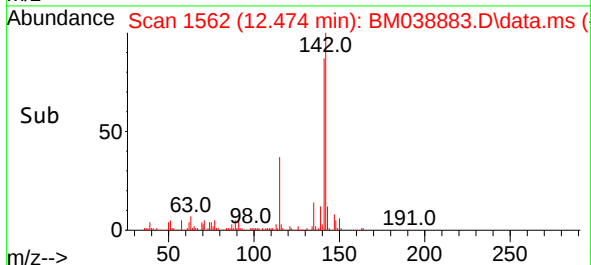
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

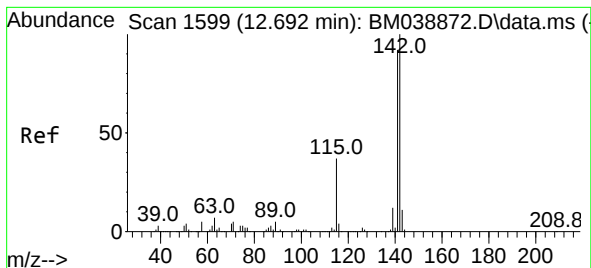


#36
2-Methylnaphthalene
Concen: 1.171 ng/ul
RT: 12.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17



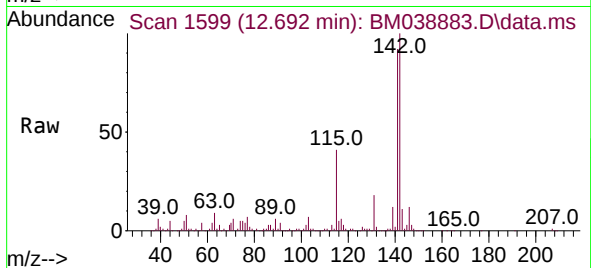
Tgt Ion:142 Resp: 59400
Ion Ratio Lower Upper
142 100
141 86.8 71.0 106.6





#37
1-Methylnaphthalene
Concen: 3.608 ng/ul
RT: 12.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17

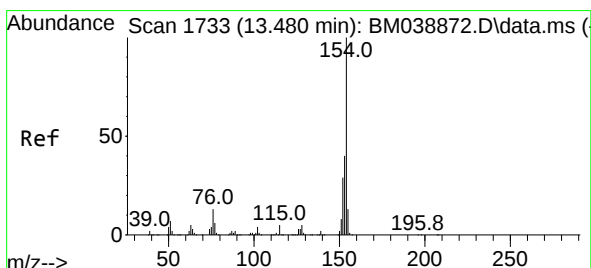
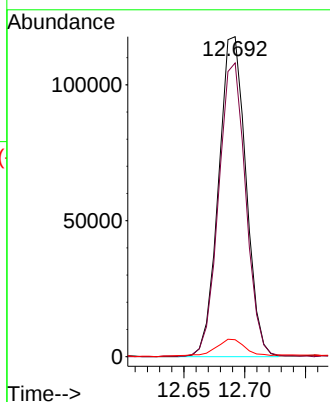
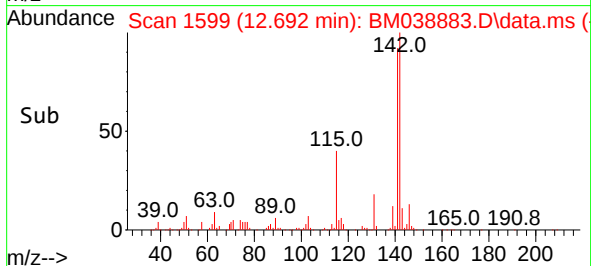
Instrument :
BNA_M
ClientSampleId :
DCAE1



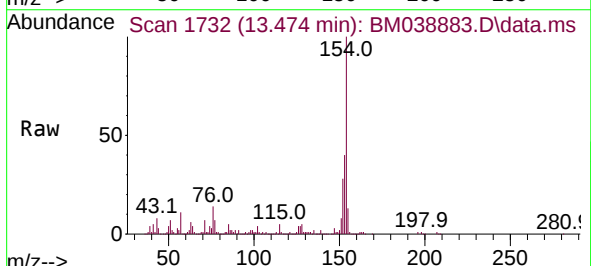
Tgt Ion:142 Resp: 184359
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0
116 5.3 3.2 4.8

Manual Integrations
APPROVED

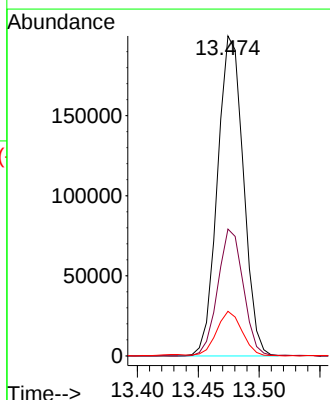
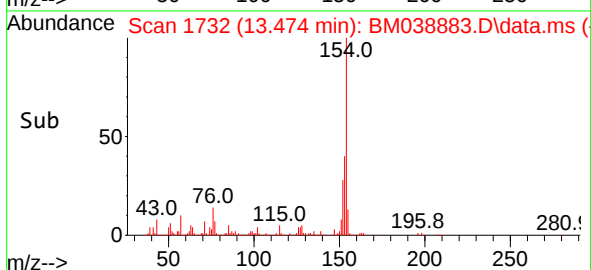
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

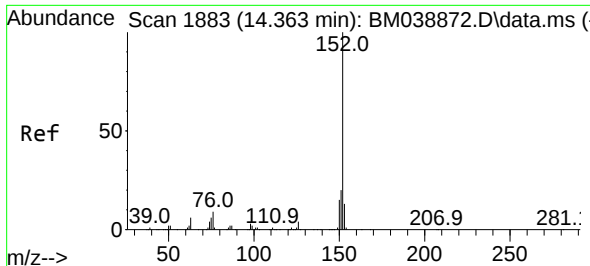


#43
1,1'-Biphenyl
Concen: 4.427 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17



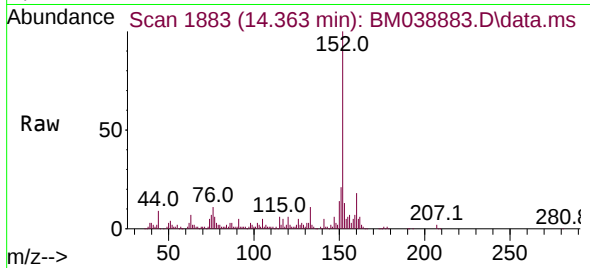
Tgt Ion:154 Resp: 296116
Ion Ratio Lower Upper
154 100
153 39.6 31.3 46.9
76 13.9 11.0 16.6





#50
Acenaphthylene
Concen: 1.235 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17

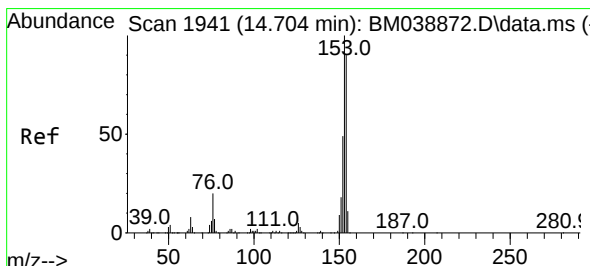
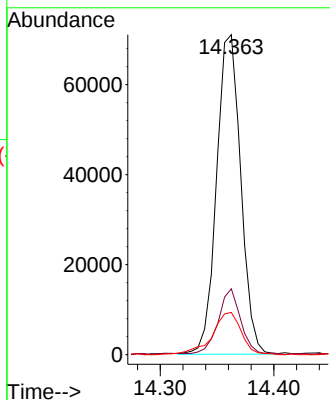
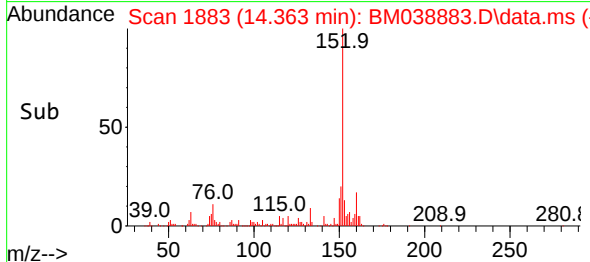
Instrument :
BNA_M
ClientSampleId :
DCAE1



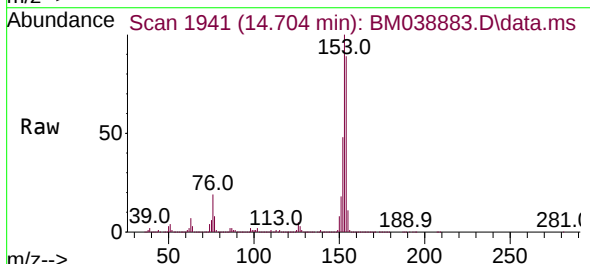
Tgt Ion:152 Resp: 105170
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.2 10.4 15.6

Manual Integrations
APPROVED

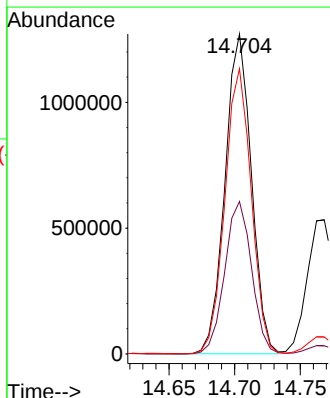
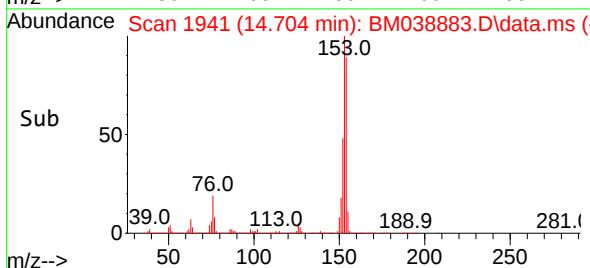
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

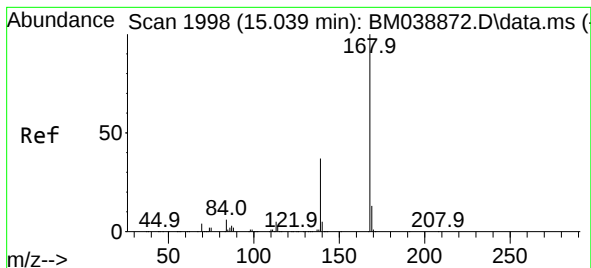


#52
Acenaphthene
Concen: 30.406 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17



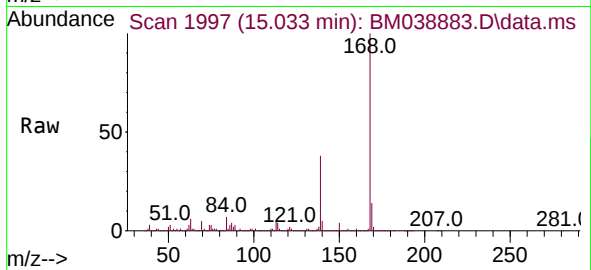
Tgt Ion:153 Resp: 1782084
Ion Ratio Lower Upper
153 100
152 47.7 39.1 58.7
154 89.1 70.4 105.6





#56
Dibenzofuran
Concen: 11.077 ng/ul
RT: 15.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17

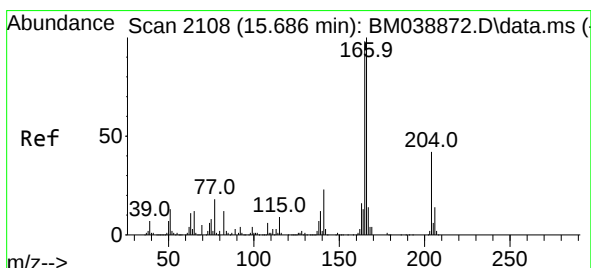
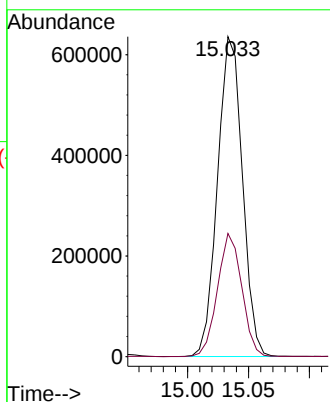
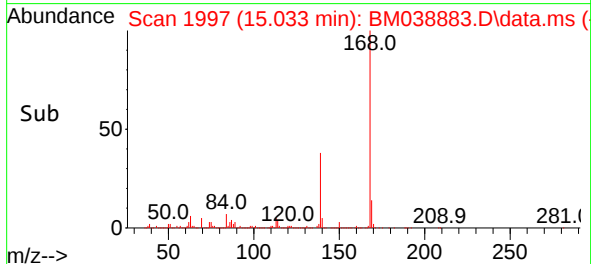
Instrument :
BNA_M
ClientSampleId :
DCAE1



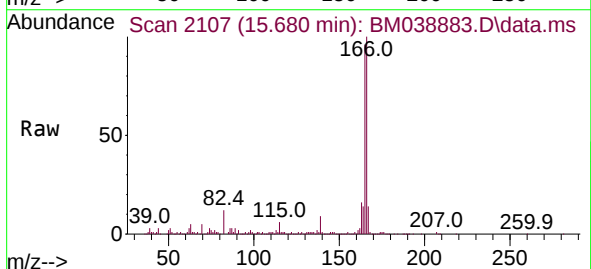
Tgt Ion:168 Resp: 901260
Ion Ratio Lower Upper
168 100
139 38.5 30.9 46.3

Manual Integrations
APPROVED

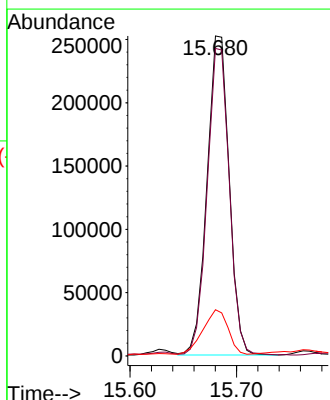
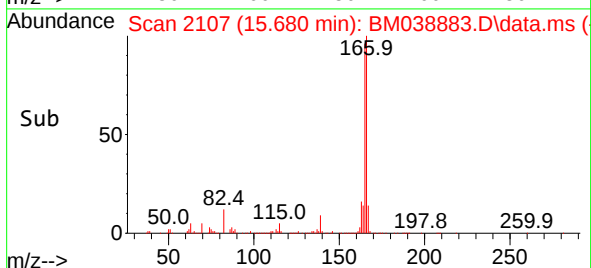
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

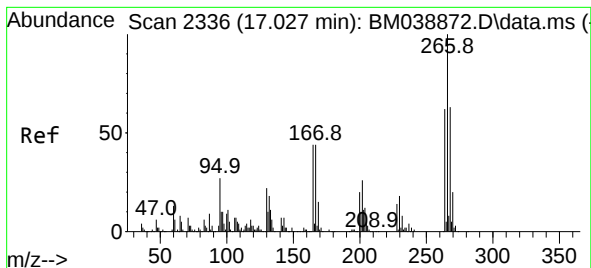


#61
Fluorene
Concen: 5.353 ng/ul
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM038883.D
Acq: 06 Mar 2023 22:17



Tgt Ion:166 Resp: 365179
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.4
167 14.4 10.5 15.7





#71

Pentachlorophenol

Concen: 1.452 ng/ul m

RT: 17.027 min Scan# 2336

Delta R.T. -0.000 min

Lab File: BM038883.D

Acq: 06 Mar 2023 22:17

Instrument :

BNA_M

ClientSampleId :

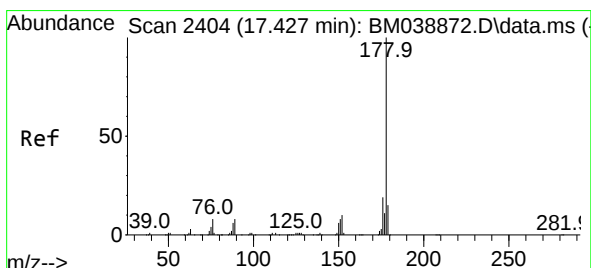
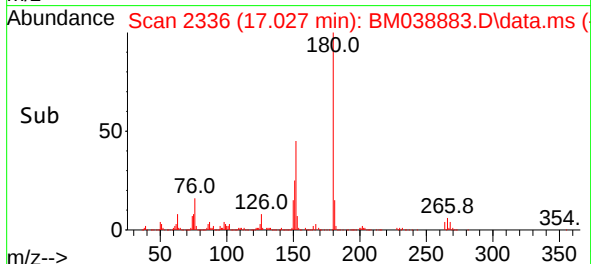
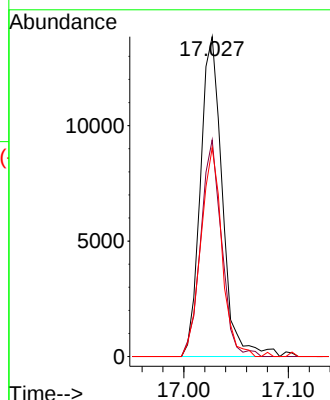
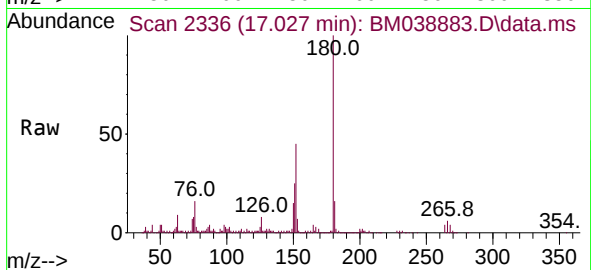
DCAE1

Tgt Ion:	266	Resp:	20165
Ion Ratio	Lower	Upper	
266	100		
264	67.7	51.0	76.6
268	65.3	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#72

Phenanthrene

Concen: 3.221 ng/ul

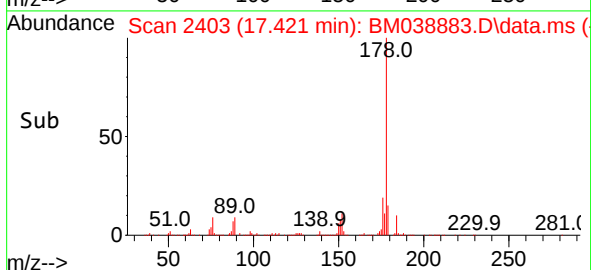
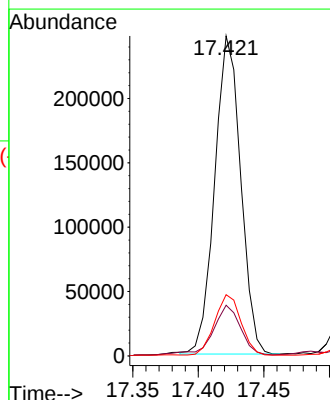
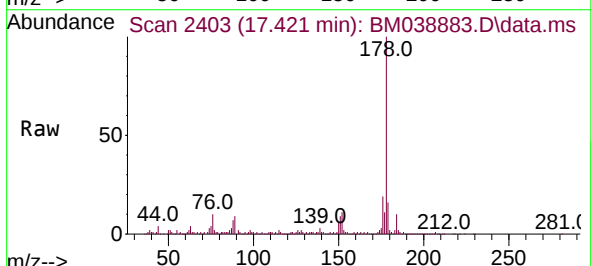
RT: 17.421 min Scan# 2403

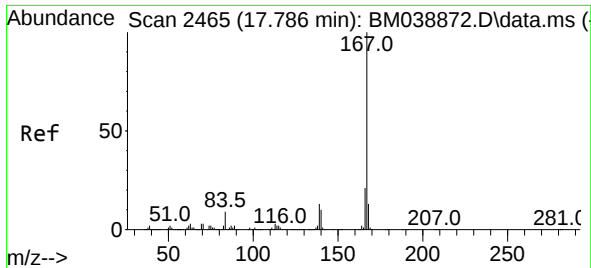
Delta R.T. -0.006 min

Lab File: BM038883.D

Acq: 06 Mar 2023 22:17

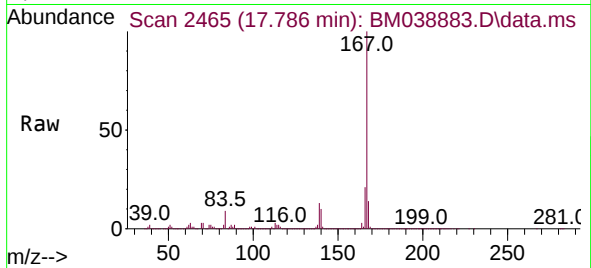
Tgt Ion:	178	Resp:	340910
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.1	15.7	23.5





#77
 Carbazole
 Concen: 48.810 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. -0.000 min
 Lab File: BM038883.D
 Acq: 06 Mar 2023 22:17

Instrument :
 BNA_M
 ClientSampleId :
 DCAE1



Tgt Ion:167 Resp: 4884900
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.0 10.6 16.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

