

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038880.D
 Acq On : 06 Mar 2023 20:27
 Operator : CG/JU
 Sample : 01746-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE4

Manual Integrations
 APPROVED

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

Quant Time: Mar 07 00:00:33 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	8.005	152	280043	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1283365	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	817575	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1706367	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1558664	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1818525	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	35874	4.783	ng/uL	0.00
4) Pyridine-d5	3.805	84	198790	9.641	ng/u1	0.00
7) Phenol-d5	7.152	99	147149	5.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	505113	30.110	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	461309	23.580	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	294451	14.236	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	315119	34.976	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	303847	35.991	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	534440	27.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	685886	20.976	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2223472	35.113	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2404986	32.494	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	66714	5.263	ng/u1	0.00
60) Fluorene-d10	15.628	176	1921477	34.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	330920	37.303	ng/u1	0.00
73) Anthracene-d10	17.480	188	3145654	37.386	ng/u1	0.00
81) Pyrene-d10	19.768	212	3689545	43.038	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3717204	40.562	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.869	128	22043108m	301.007	ng/u1	
36) 2-Methylnaphthalene	12.475	142	2360182	49.376	ng/u1	100
37) 1-Methylnaphthalene	12.692	142	1327693	27.568	ng/u1	99
42) 2,4,5-Trichlorophenol	13.139	196	27775	1.636	ng/u1	95
43) 1,1'-Biphenyl	13.481	154	724192	11.230	ng/u1	99
50) Acenaphthylene	14.363	152	196960	2.400	ng/u1	97
52) Acenaphthene	14.704	153	1647178	29.153	ng/u1	98
56) Dibenzofuran	15.039	168	2437840	31.079	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	65594	4.438	ng/u1#	97
61) Fluorene	15.686	166	1236690	18.804	ng/u1	100
71) Pentachlorophenol	17.027	266	205971	15.924	ng/u1	99
72) Phenanthrene	17.422	178	1668292	16.922	ng/u1	99
74) Anthracene	17.516	178	131295	1.308	ng/u1	98
77) Carbazole	17.786	167	5723040	61.394	ng/u1	99

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

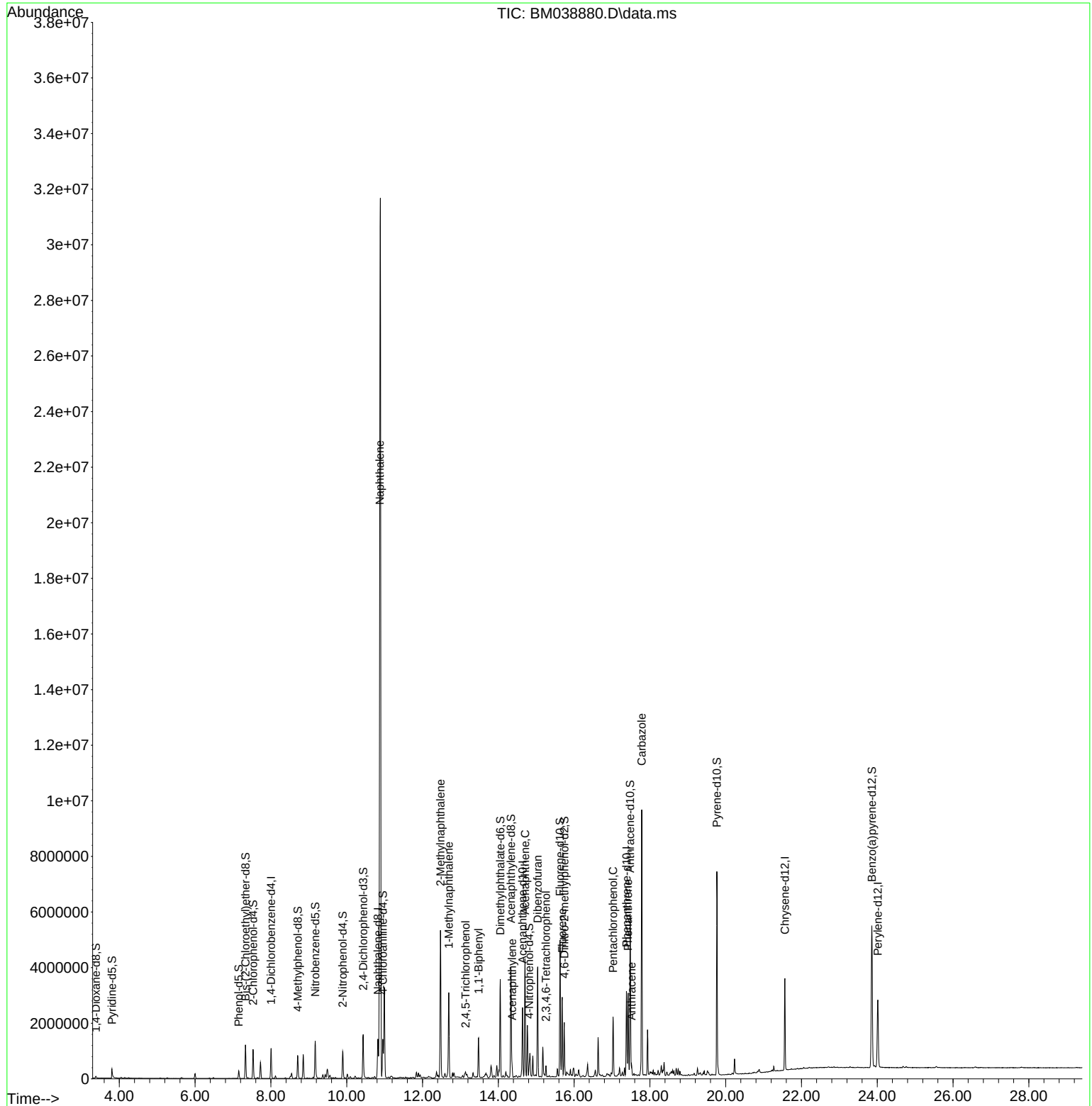
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

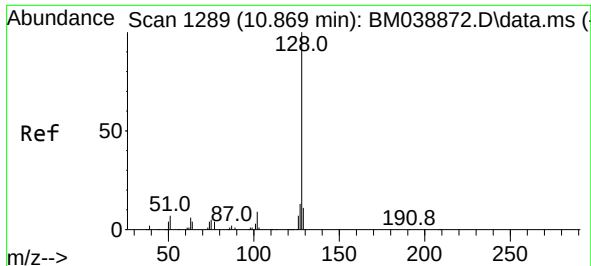
Instrument :
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ClientSampleId :
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Quant Time: Mar 07 00:00:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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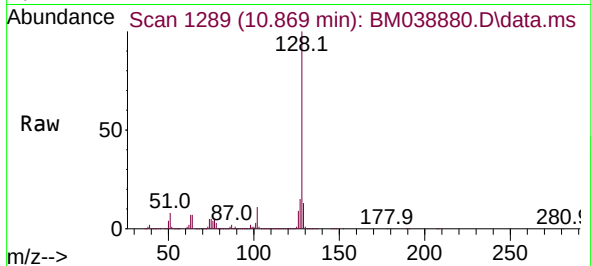
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023





#30
Naphthalene
Concen: 301.007 ng/ul m
RT: 10.869 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

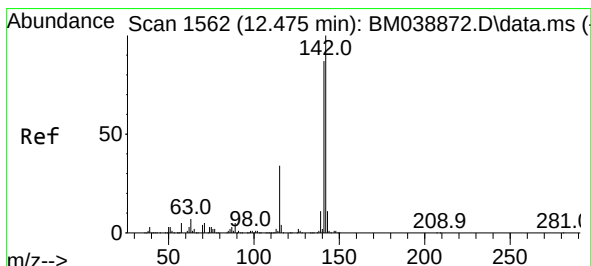
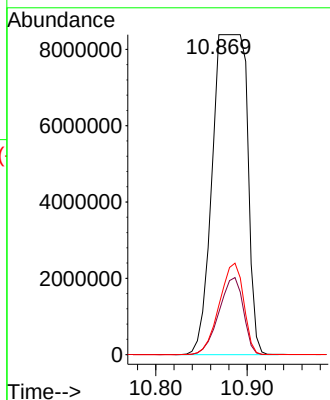
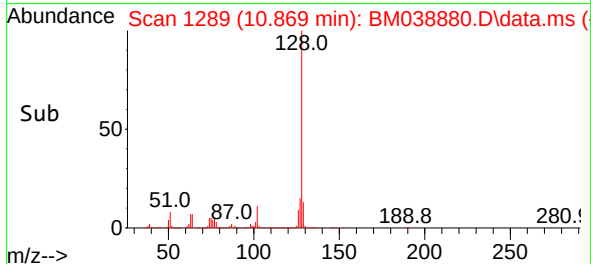
Instrument :
BNA_M
ClientSampleId :
DCAE4



Tgt Ion:128 Resp:22043108
Ion Ratio Lower Upper
128 100
129 13.2 8.6 12.8
127 15.4 10.2 15.4

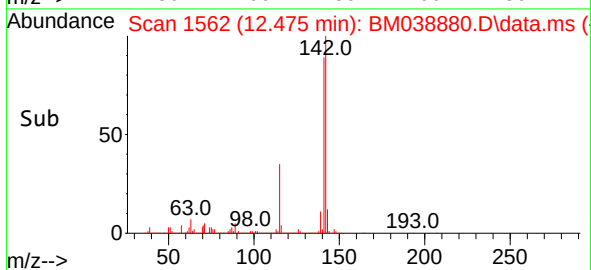
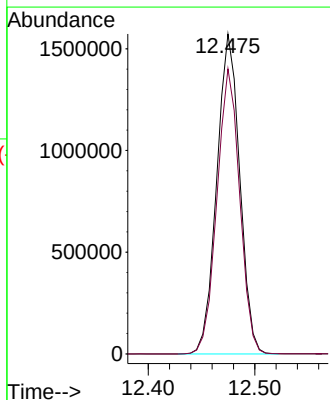
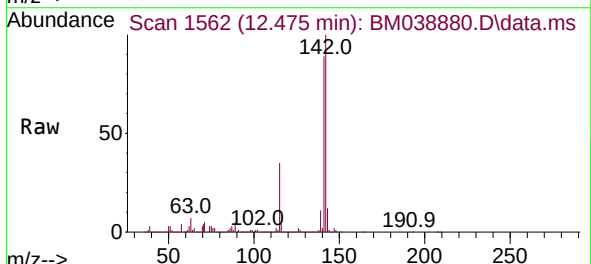
Manual Integrations
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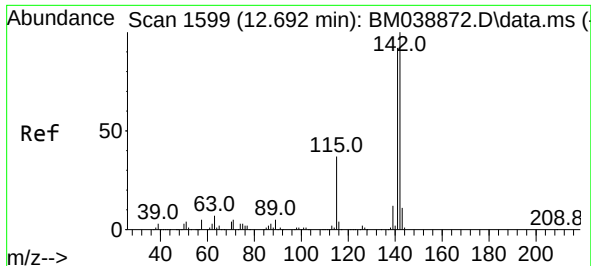
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#36
2-Methylnaphthalene
Concen: 49.376 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

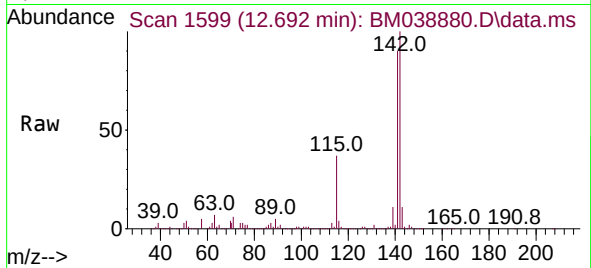
Tgt Ion:142 Resp: 2360182
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6





#37
1-Methylnaphthalene
Concen: 27.568 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

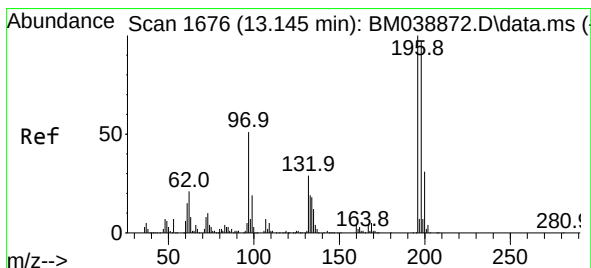
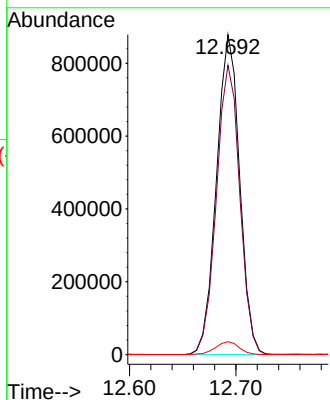
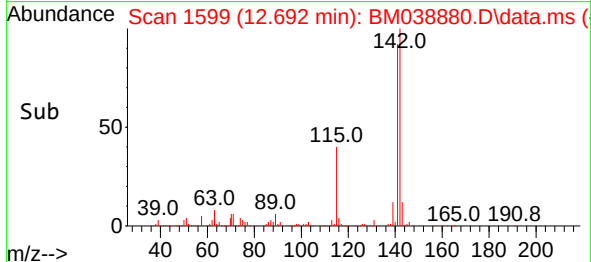
Instrument :
BNA_M
ClientSampleId :
DCAE4



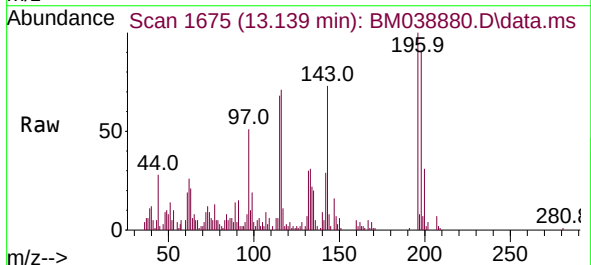
Tgt Ion:142 Resp: 1327693
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0
116 4.0 3.2 4.8

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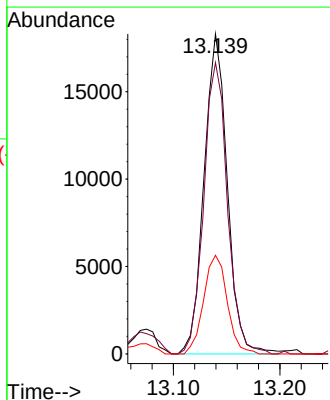
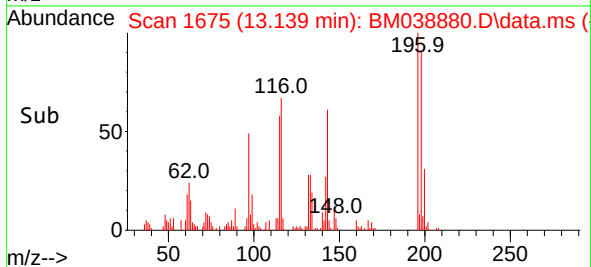
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

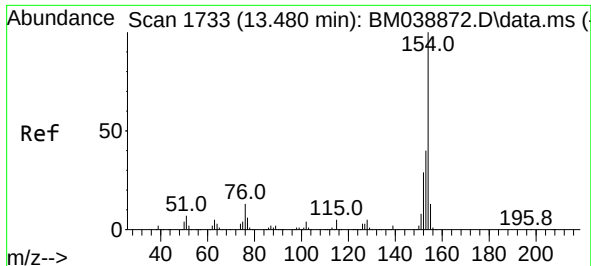


#42
2,4,5-Trichlorophenol
Concen: 1.636 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27



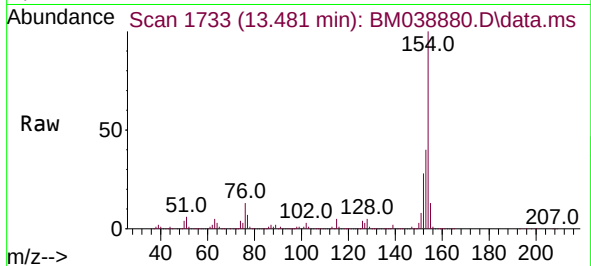
Tgt Ion:196 Resp: 27775
Ion Ratio Lower Upper
196 100
198 91.0 77.5 116.3
200 30.8 24.8 37.2





#43
1,1'-Biphenyl
Concen: 11.230 ng/ul
RT: 13.481 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

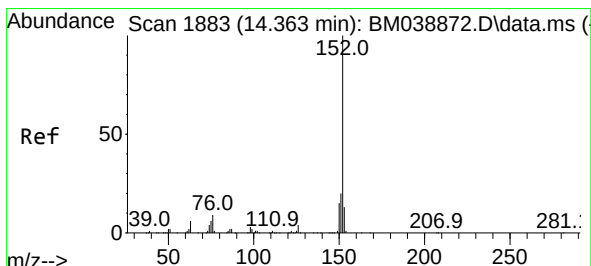
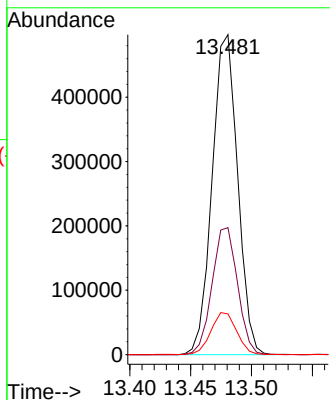
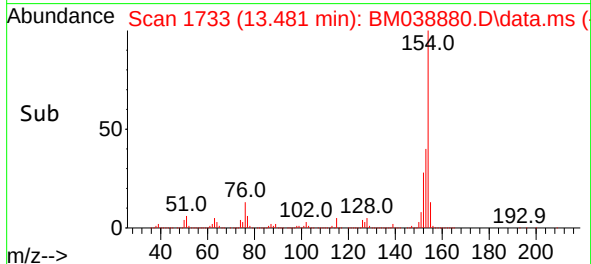
Instrument :
BNA_M
ClientSampleId :
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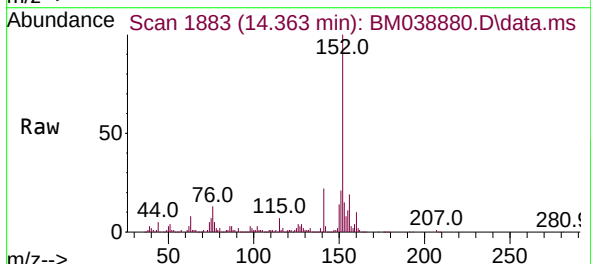
Tgt Ion:154 Resp: 724192
Ion Ratio Lower Upper
154 100
153 39.7 31.3 46.9
76 12.7 11.0 16.6

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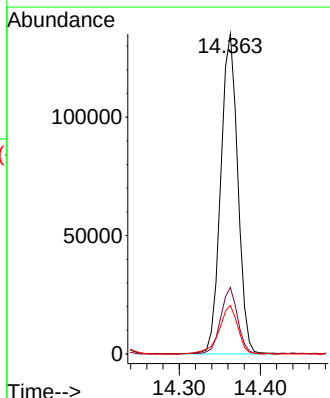
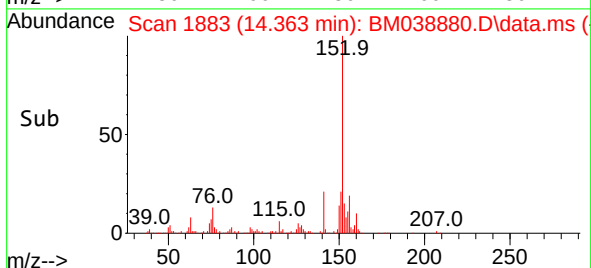
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

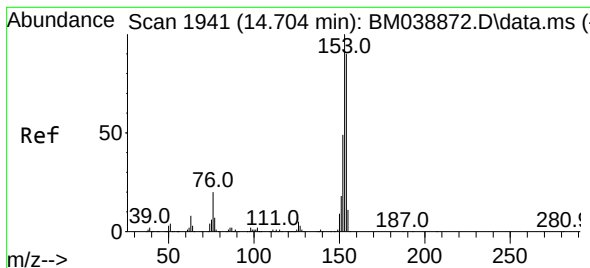


#50
Acenaphthylene
Concen: 2.400 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27



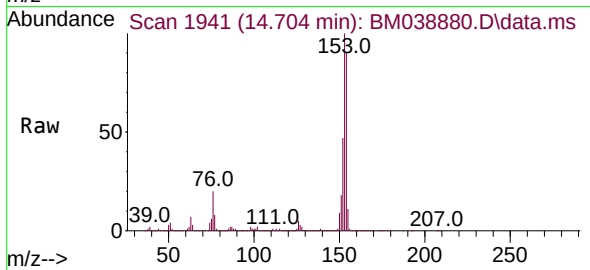
Tgt Ion:152 Resp: 196960
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 15.2 10.4 15.6





#52
Acenaphthene
Concen: 29.153 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

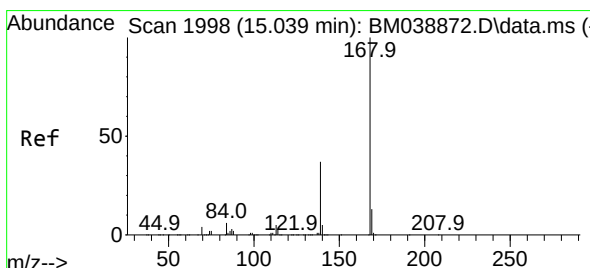
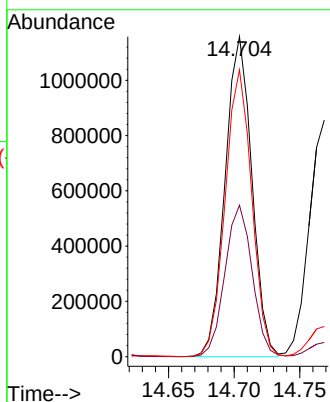
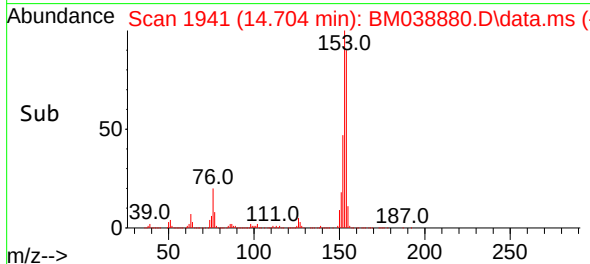
Instrument :
BNA_M
ClientSampleId :
DCAE4



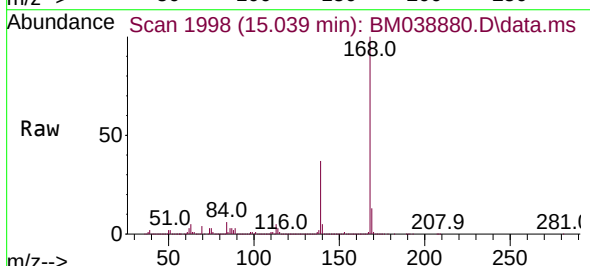
Tgt Ion:153 Resp: 1647178
Ion Ratio Lower Upper
153 100
152 47.3 39.1 58.7
154 89.6 70.4 105.6

Manual Integrations
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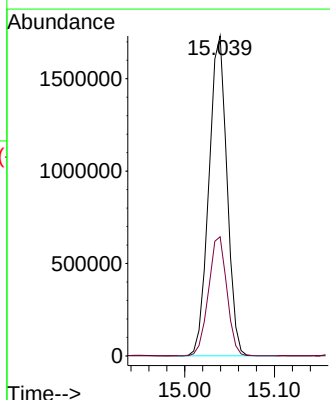
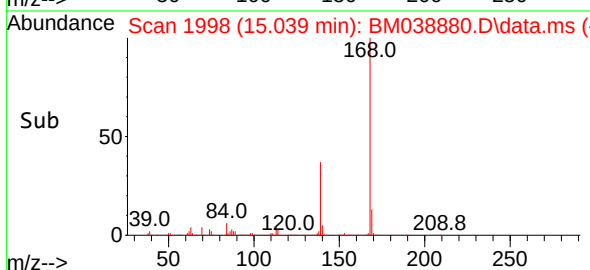
Reviewed By :Christian Giraldo 03/07/2023
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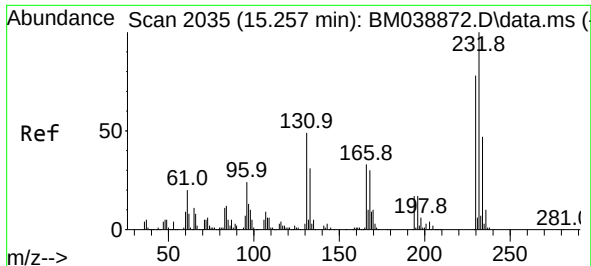


#56
Dibenzofuran
Concen: 31.079 ng/ul
RT: 15.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27



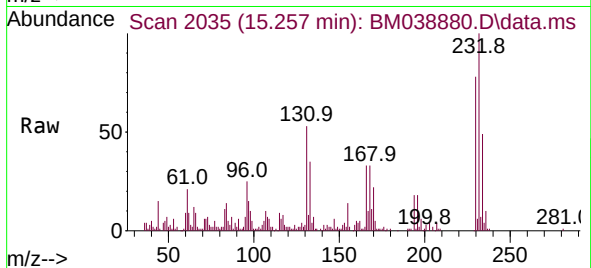
Tgt Ion:168 Resp: 2437840
Ion Ratio Lower Upper
168 100
139 37.3 30.9 46.3





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.438 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

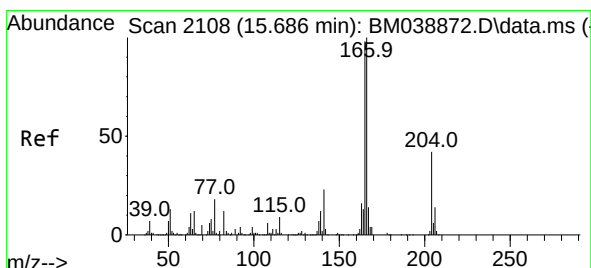
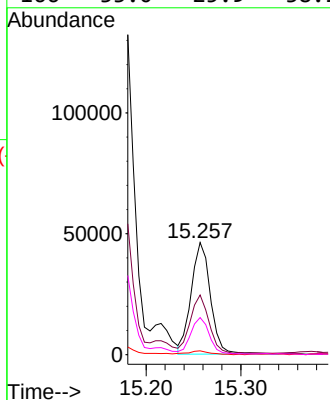
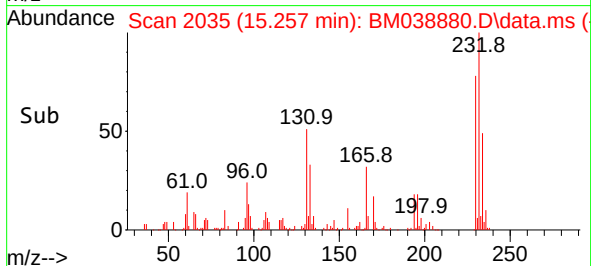
Instrument :
BNA_M
ClientSampleId :
DCAE4



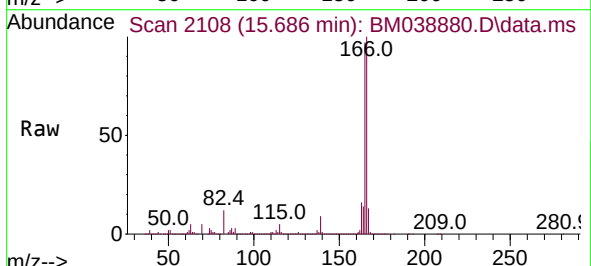
Tgt Ion:232 Resp: 65594
Ion Ratio Lower Upper
232 100
131 53.1 40.6 60.8
130 3.3 2.0 3.0
166 33.0 25.9 38.9

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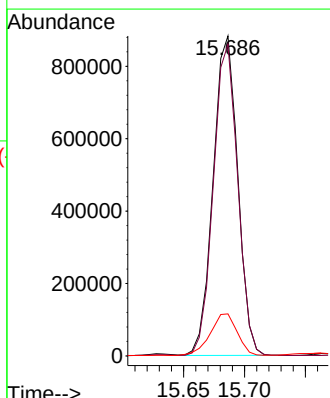
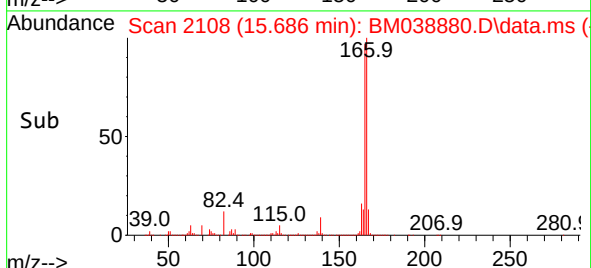
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

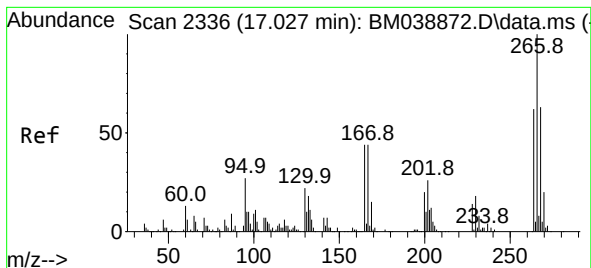


#61
Fluorene
Concen: 18.804 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27



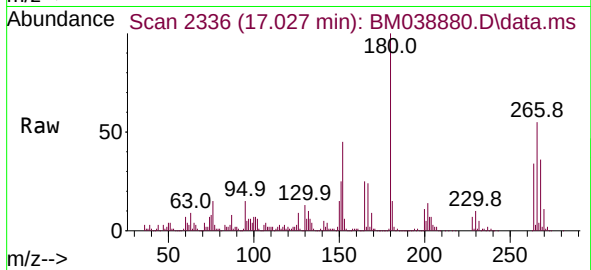
Tgt Ion:166 Resp: 1236690
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.1 10.5 15.7





#71
Pentachlorophenol
Concen: 15.924 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27

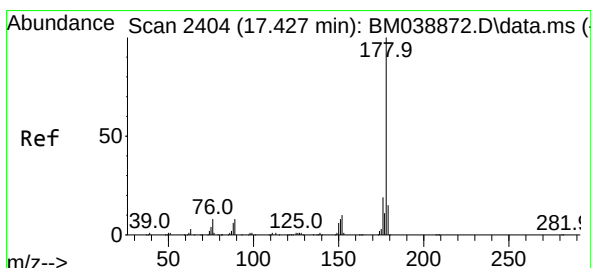
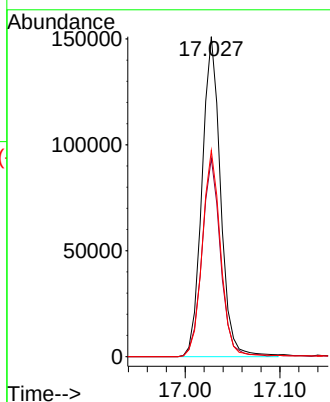
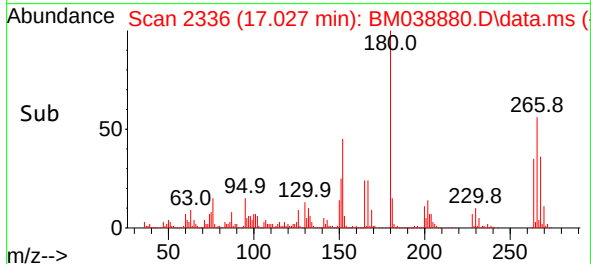
Instrument :
BNA_M
ClientSampleId :
DCAE4



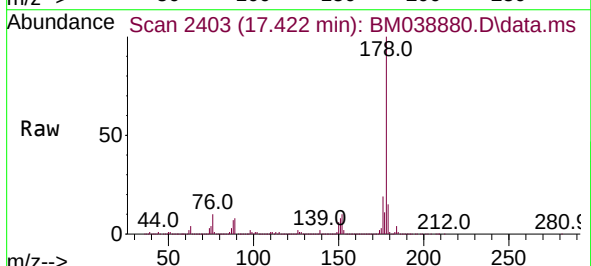
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Ion Ratio Lower Upper
266 100
264 62.0 51.0 76.6
268 64.4 51.7 77.5

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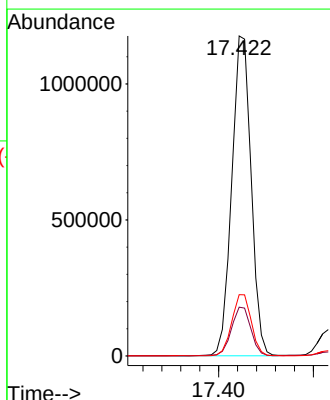
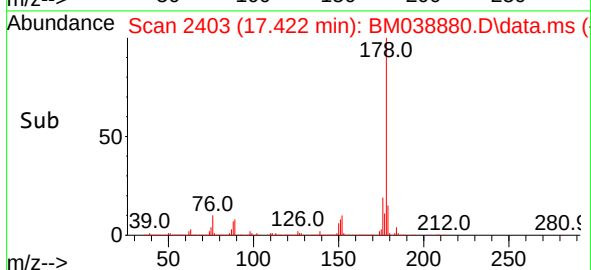
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

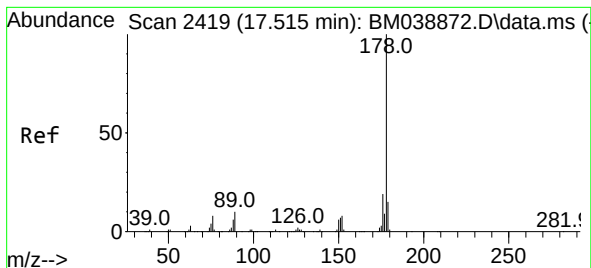


#72
Phenanthrene
Concen: 16.922 ng/ul
RT: 17.422 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038880.D
Acq: 06 Mar 2023 20:27



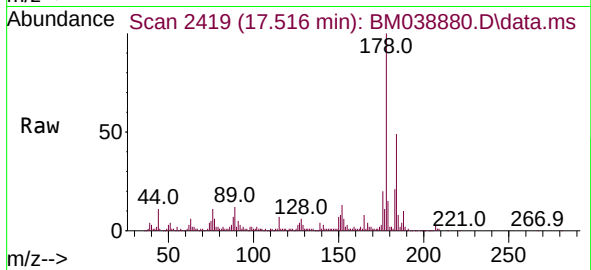
Tgt Ion:178 Resp: 1668292
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.1 15.7 23.5





#74
 Anthracene
 Concen: 1.308 ng/ul
 RT: 17.516 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BM038880.D
 Acq: 06 Mar 2023 20:27

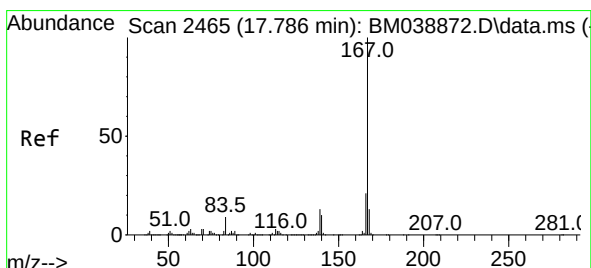
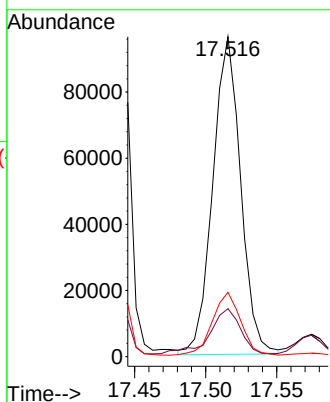
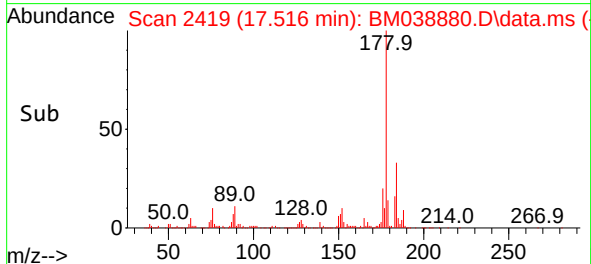
Instrument :
 BNA_M
 ClientSampleId :
 DCAE4



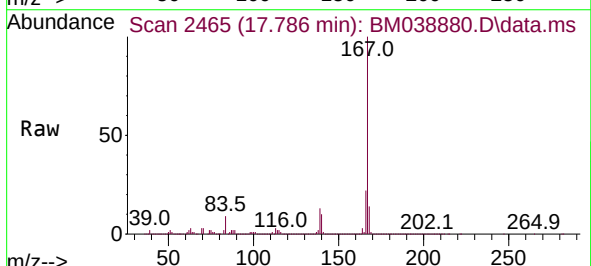
Tgt Ion:178 Resp: 131295
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.5 18.7
 176 20.1 14.9 22.3

Manual Integrations
 APPROVED

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



#77
 Carbazole
 Concen: 61.394 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM038880.D
 Acq: 06 Mar 2023 20:27



Tgt Ion:167 Resp: 5723040
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.3 10.6 16.0

