

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038905.D
 Acq On : 07 Mar 2023 21:01
 Operator : CG/JU
 Sample : 01746-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAC1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Quant Time: Mar 07 21:41:16 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	247379	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	1146982	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	764851	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1645129	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1553645	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1741518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	31594	4.769	ng/uL	0.00
4) Pyridine-d5	3.804	84	216577	11.890	ng/u1	0.00
7) Phenol-d5	7.151	99	143481	6.187	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	502896	33.937	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	447233	25.879	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	286267	15.668	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	318639	39.572	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	298067	39.505	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	534506	30.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	746245	25.535	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2324925	39.246	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2543851	36.740	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	71603	6.038	ng/u1	0.00
60) Fluorene-d10	15.627	176	2021260	38.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	437754	51.183	ng/u1	0.00
73) Anthracene-d10	17.480	188	3288626	40.540	ng/u1	0.00
81) Pyrene-d10	19.768	212	3856875	45.135	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	3833798	43.684	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.016	107	426839	19.418	ng/u1#	91
30) Naphthalene	10.869	128	34659560m	529.567	ng/u1	
36) 2-Methylnaphthalene	12.480	142	6805106	159.295	ng/u1	99
37) 1-Methylnaphthalene	12.692	142	4946924	114.929	ng/u1	99
42) 2,4,5-Trichlorophenol	13.139	196	116231	7.318	ng/u1	97
43) 1,1'-Biphenyl	13.480	154	2420776	40.127	ng/u1	99
50) Acenaphthylene	14.363	152	762901	9.935	ng/u1	98
52) Acenaphthene	14.710	153	7537089	142.593	ng/u1	98
56) Dibenzofuran	15.039	168	6918381	94.279	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	113123m	8.181	ng/u1	
61) Fluorene	15.686	166	3875681	62.993	ng/u1	99
71) Pentachlorophenol	17.027	266	460986	36.967	ng/u1	98
72) Phenanthrene	17.427	178	4733488	49.799	ng/u1	100
74) Anthracene	17.515	178	437179	4.517	ng/u1	98
77) Carbazole	17.792	167	13966666	155.404	ng/u1#	91
80) Fluoranthene	19.433	202	293370	2.985	ng/u1	97
82) Pyrene	19.798	202	146405	1.359	ng/u1	98

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

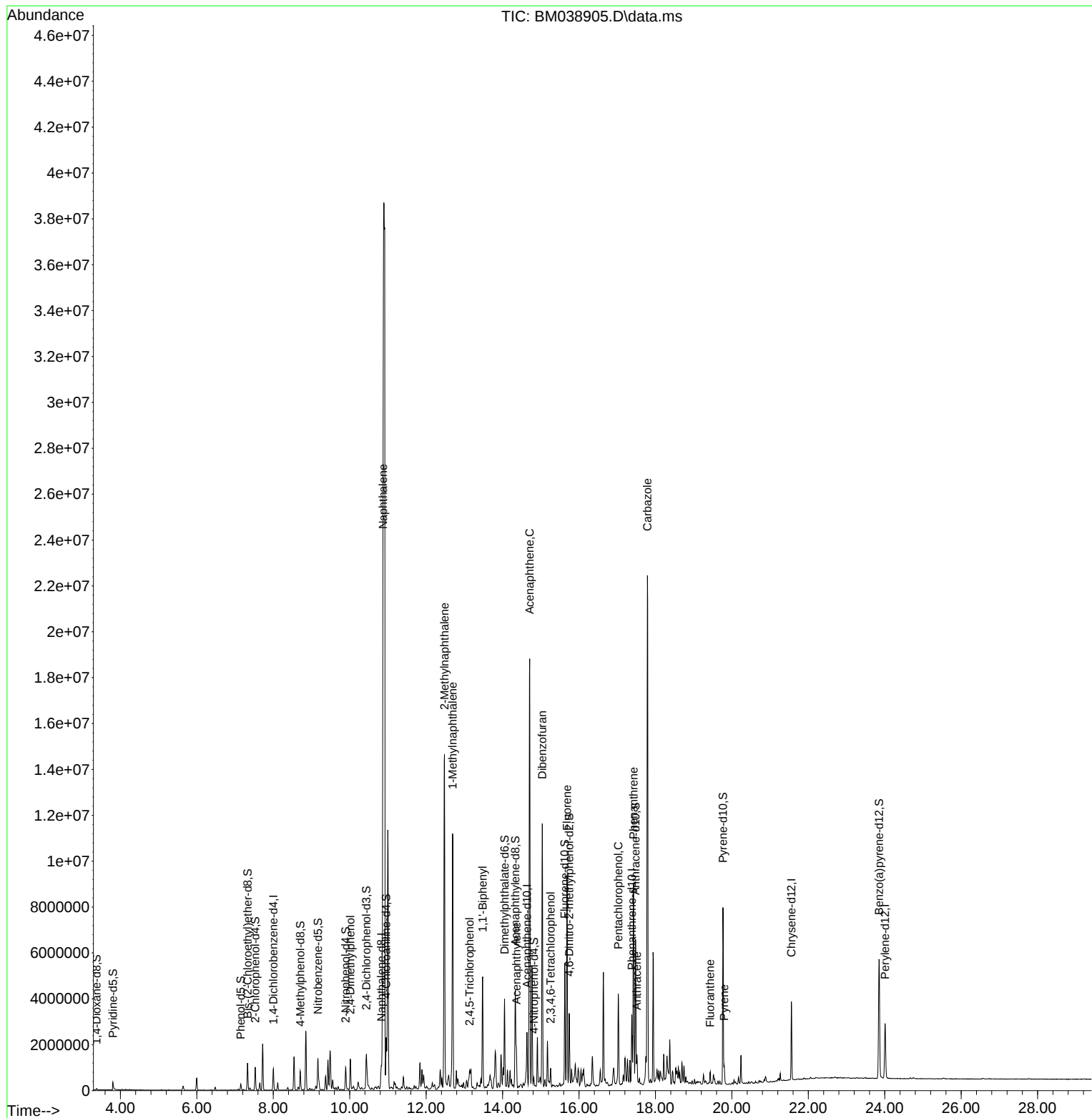
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038905.D
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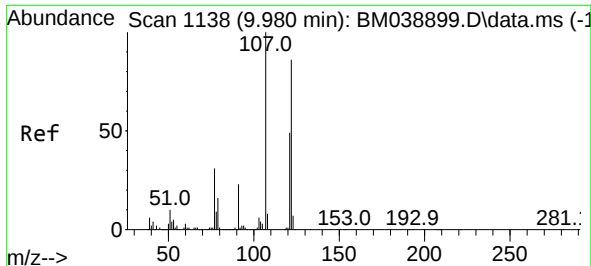
Instrument :
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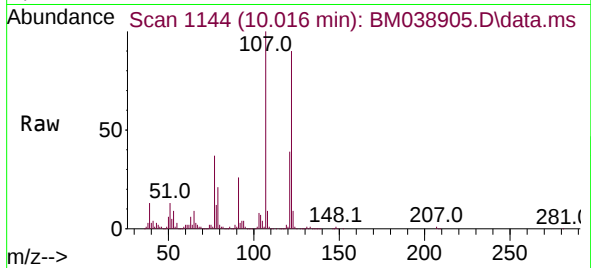
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023





#26
2,4-Dimethylphenol
Concen: 19.418 ng/ul
RT: 10.016 min Scan# 1144
Delta R.T. 0.029 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

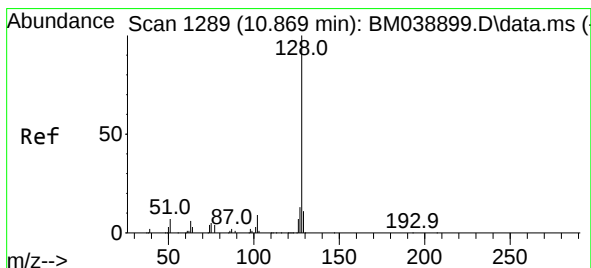
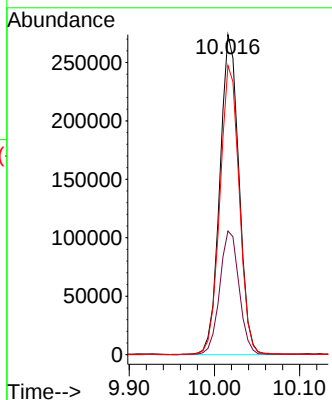
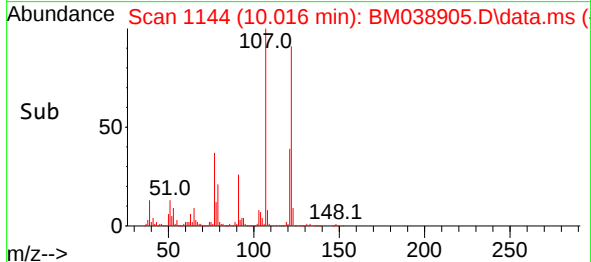
Instrument :
BNA_M
ClientSampleId :
DCAC1



Tgt Ion:107 Resp: 426839
Ion Ratio Lower Upper
107 100
121 38.6 39.8 59.8#
122 90.3 69.0 103.4#

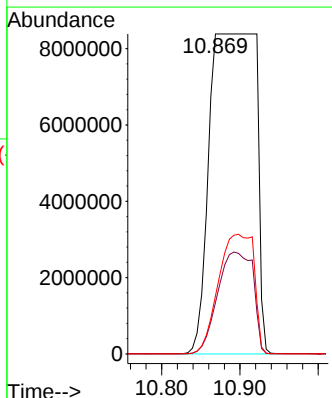
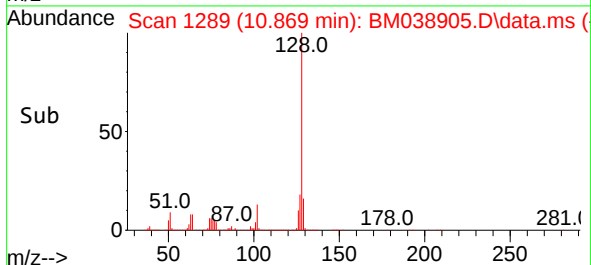
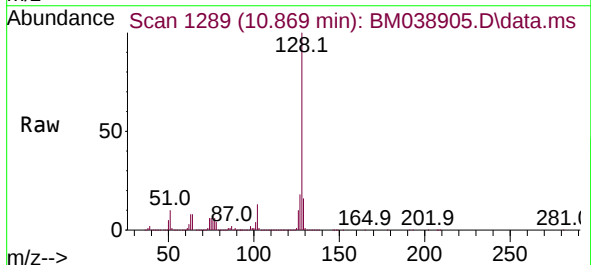
Manual Integrations
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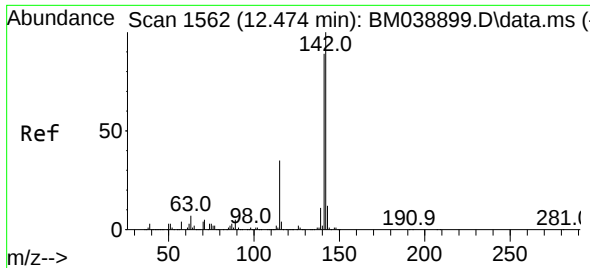
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#30
Naphthalene
Concen: 529.567 ng/ul m
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

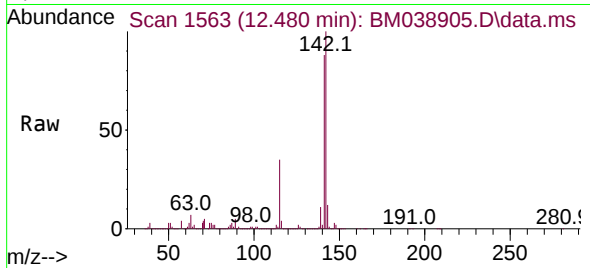
Tgt Ion:128 Resp:34659560
Ion Ratio Lower Upper
128 100
129 16.1 8.6 12.8#
127 18.2 10.2 15.4#





#36
2-Methylnaphthalene
Concen: 159.295 ng/ul
RT: 12.480 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

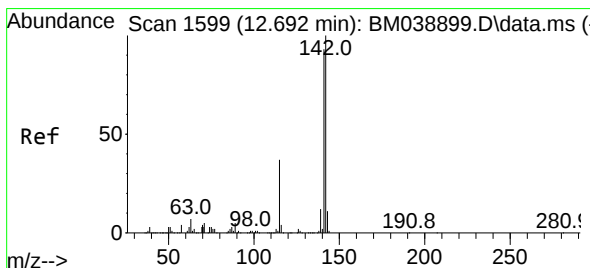
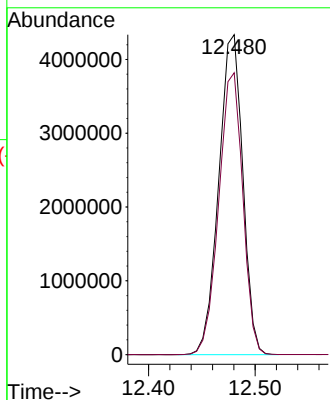
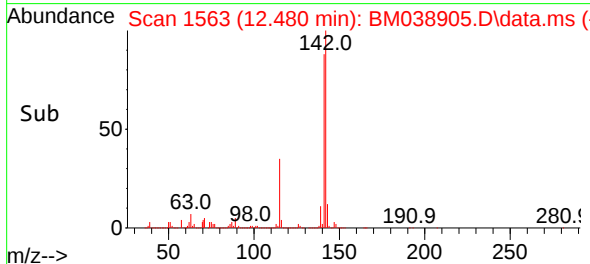
Instrument :
BNA_M
ClientSampleId :
DCAC1



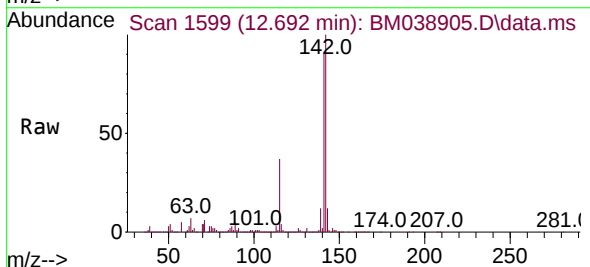
Tgt Ion:142 Resp: 6805106
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6

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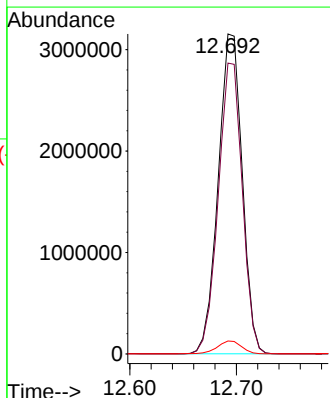
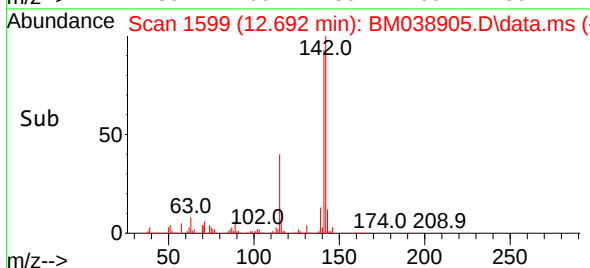
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

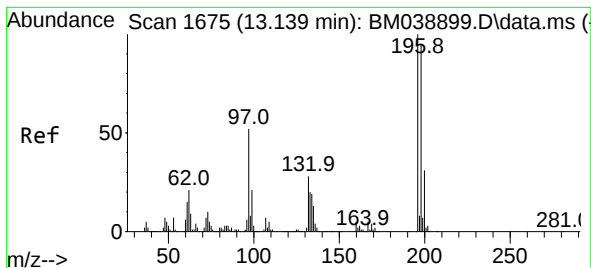


#37
1-Methylnaphthalene
Concen: 114.929 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01



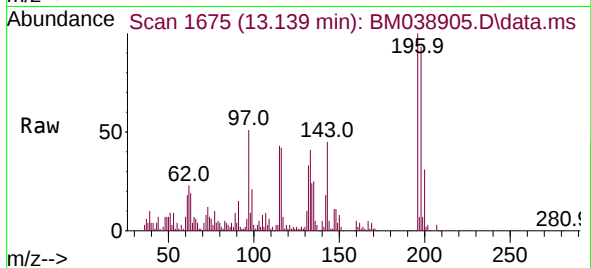
Tgt Ion:142 Resp: 4946924
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0
116 4.0 3.2 4.8





#42
2,4,5-Trichlorophenol
Concen: 7.318 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

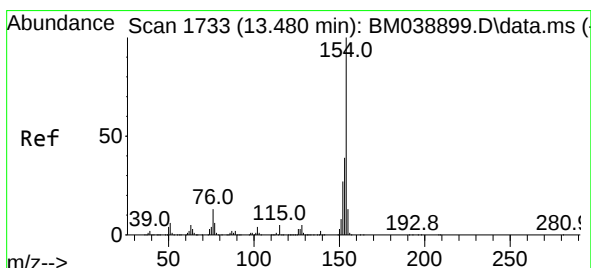
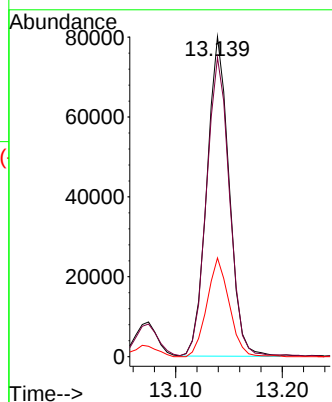
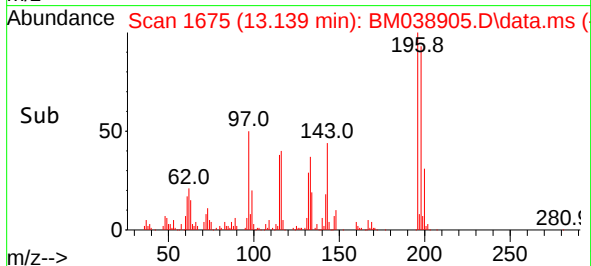
Instrument :
BNA_M
ClientSampleId :
DCAC1



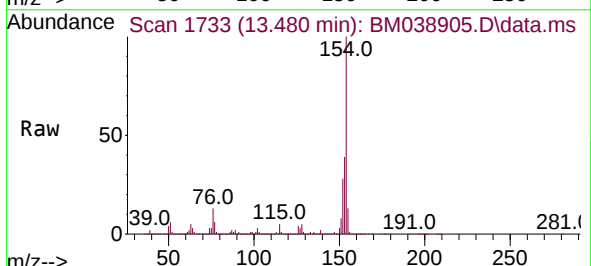
Tgt Ion:196 Resp: 116231
Ion Ratio Lower Upper
196 100
198 93.5 77.5 116.3
200 30.8 24.8 37.2

Manual Integrations
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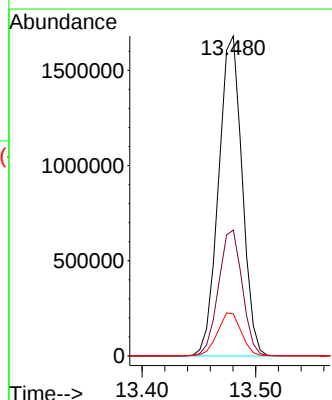
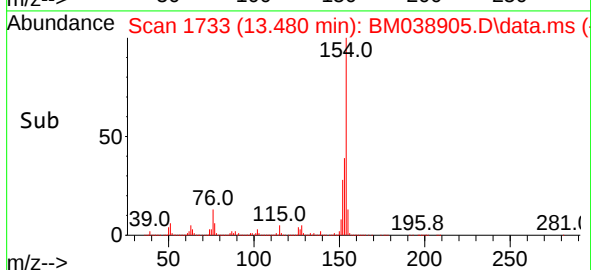
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

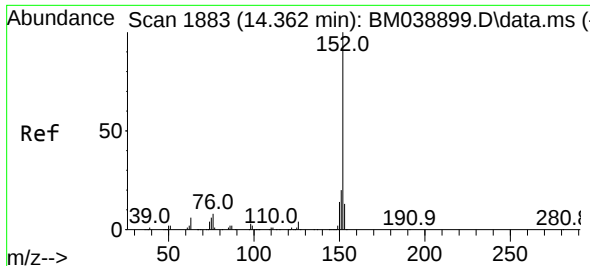


#43
1,1'-Biphenyl
Concen: 40.127 ng/ul
RT: 13.480 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01



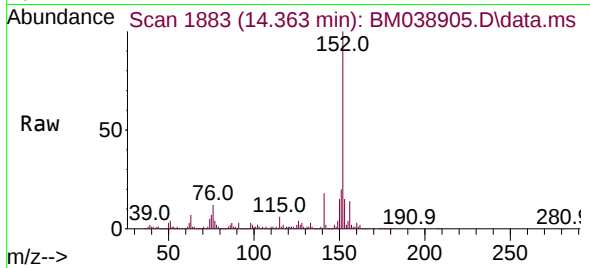
Tgt Ion:154 Resp: 2420776
Ion Ratio Lower Upper
154 100
153 39.3 31.3 46.9
76 13.1 11.0 16.6





#50
Acenaphthylene
Concen: 9.935 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

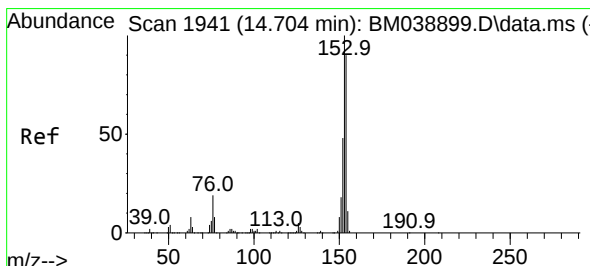
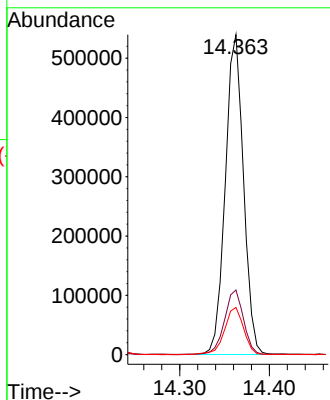
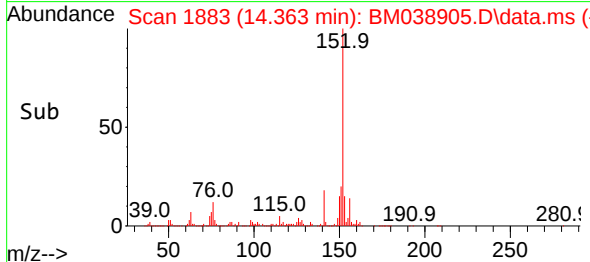
Instrument :
BNA_M
ClientSampleId :
DCAC1



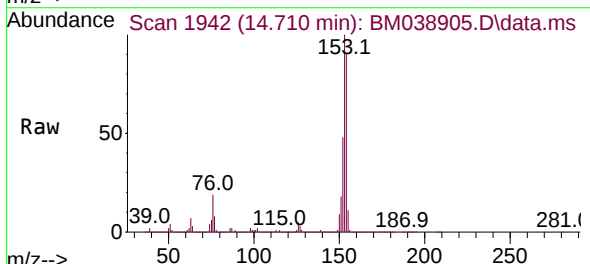
Tgt Ion:152 Resp: 762901
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.7 10.4 15.6

Manual Integrations
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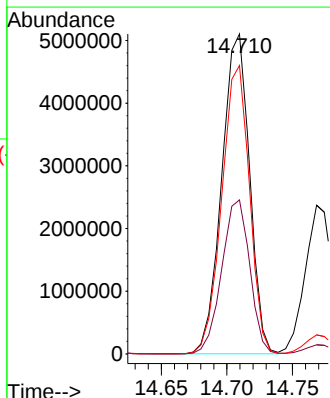
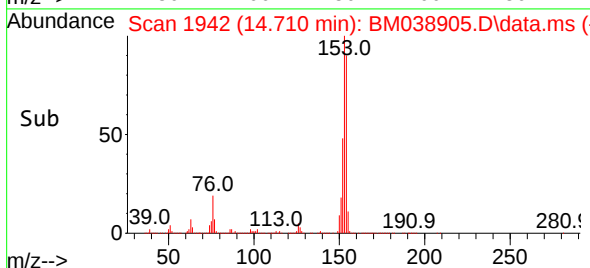
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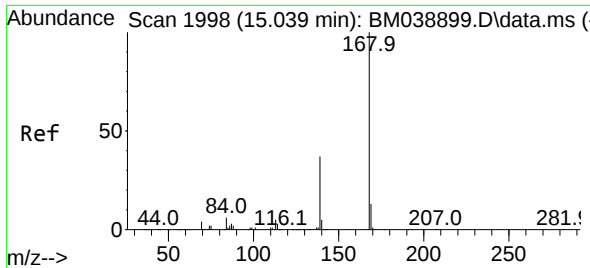


#52
Acenaphthene
Concen: 142.593 ng/ul
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01



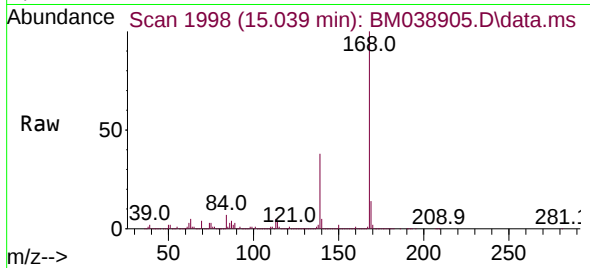
Tgt Ion:153 Resp: 7537089
Ion Ratio Lower Upper
153 100
152 48.1 39.1 58.7
154 90.1 70.4 105.6





#56
Dibenzofuran
Concen: 94.279 ng/ul
RT: 15.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

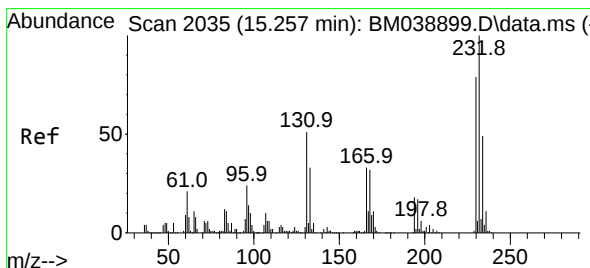
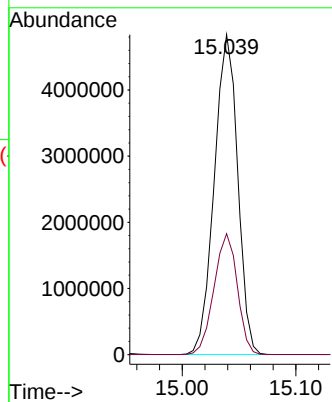
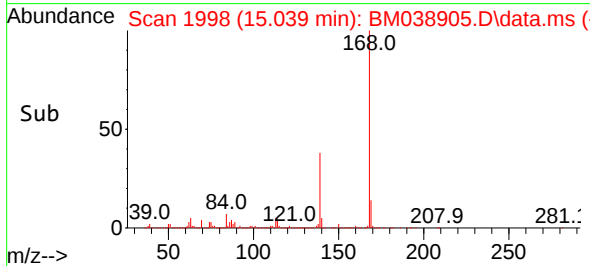
Instrument :
BNA_M
ClientSampleId :
DCAC1



Tgt Ion:168 Resp: 691838
Ion Ratio Lower Upper
168 100
139 37.8 30.9 46.3

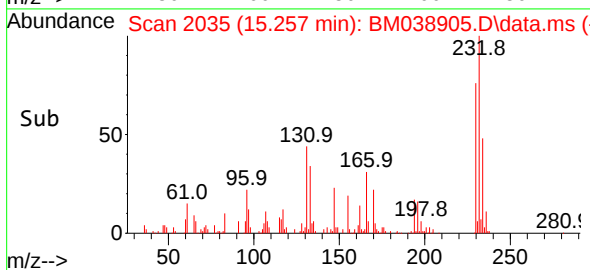
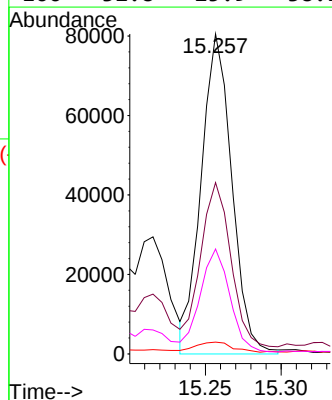
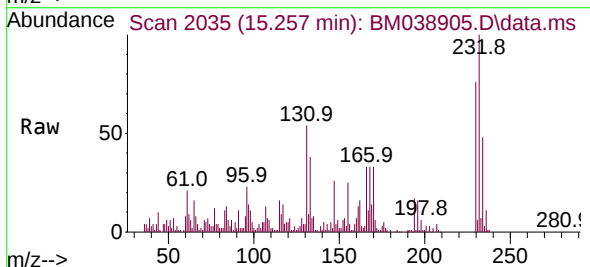
Manual Integrations
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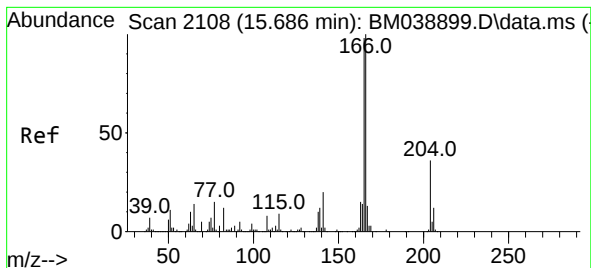
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 8.181 ng/ul m
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

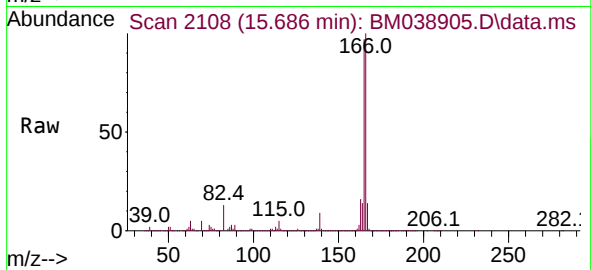
Tgt Ion:232 Resp: 113123
Ion Ratio Lower Upper
232 100
131 53.5 40.6 60.8
130 3.7 2.0 3.0#
166 32.8 25.9 38.9





#61
Fluorene
Concen: 62.993 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

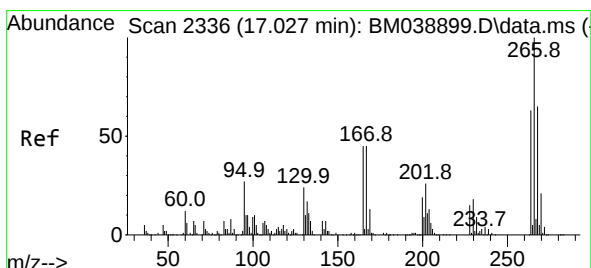
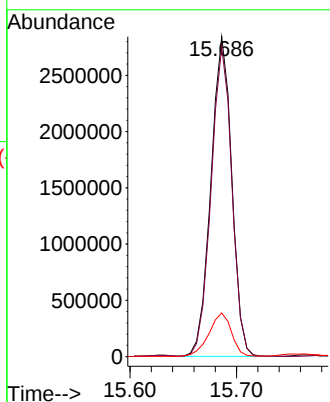
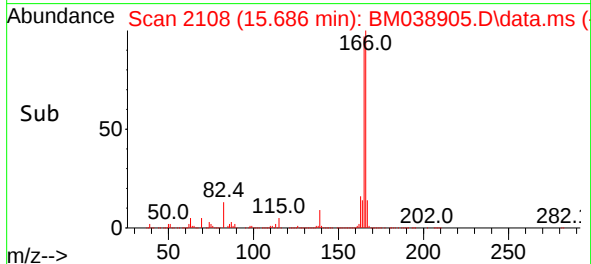
Instrument :
BNA_M
ClientSampleId :
DCAC1



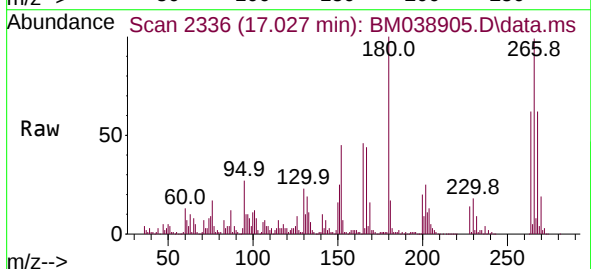
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Ion Ratio Lower Upper
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165 96.8 78.2 117.4
167 13.6 10.5 15.7

Manual Integrations
APPROVED

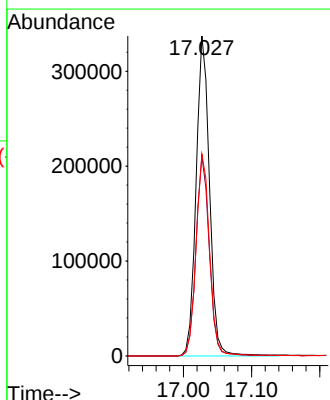
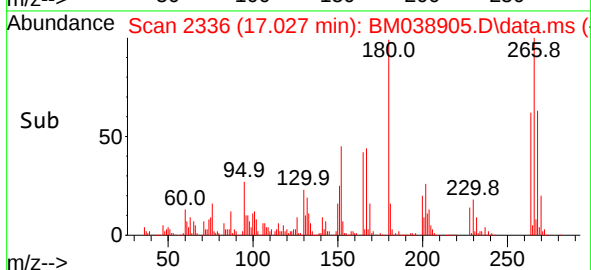
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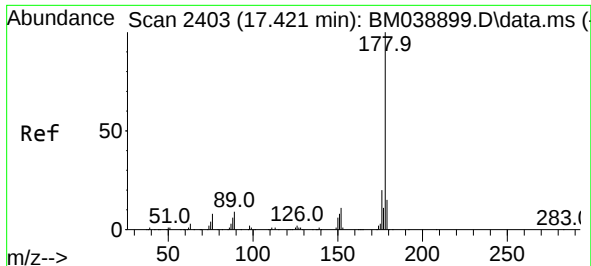


#71
Pentachlorophenol
Concen: 36.967 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01



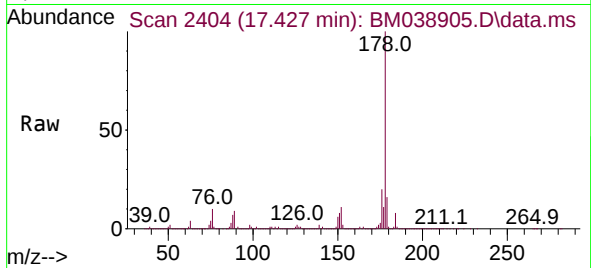
Tgt Ion:266 Resp: 460986
Ion Ratio Lower Upper
266 100
264 62.4 51.0 76.6
268 63.1 51.7 77.5





#72
Phenanthrene
Concen: 49.799 ng/ul
RT: 17.427 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

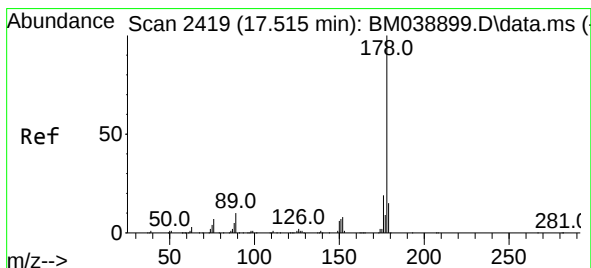
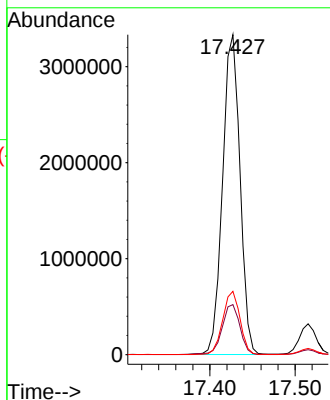
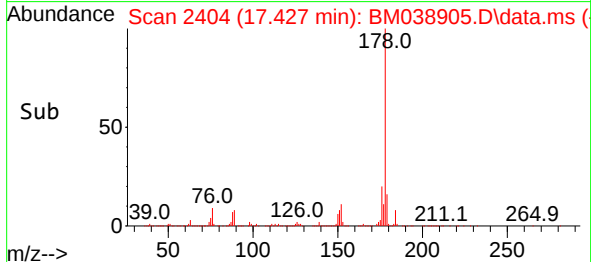
Instrument :
BNA_M
ClientSampleId :
DCAC1



Tgt Ion:178 Resp: 4733488
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.8 15.7 23.5

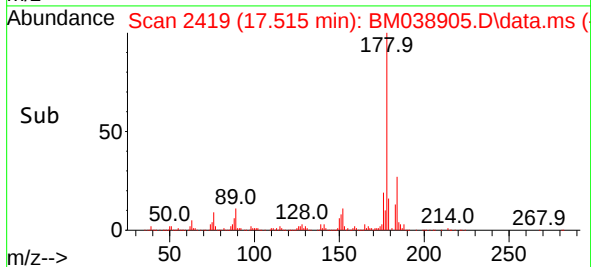
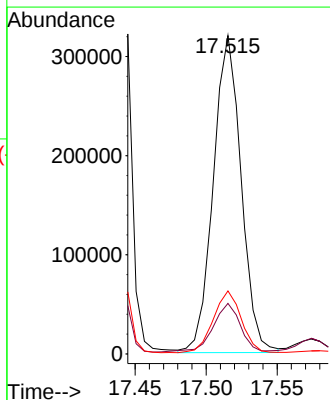
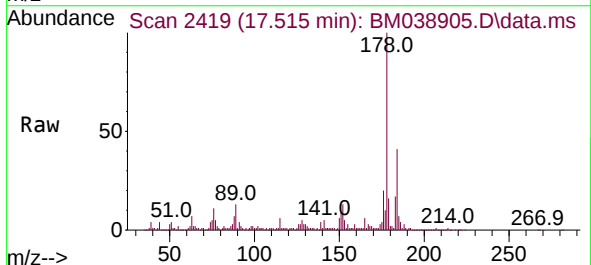
Manual Integrations
APPROVED

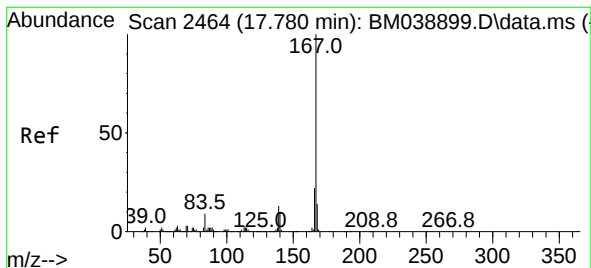
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#74
Anthracene
Concen: 4.517 ng/ul
RT: 17.515 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038905.D
Acq: 07 Mar 2023 21:01

Tgt Ion:178 Resp: 437179
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.8 14.9 22.3





#77

Carbazole

Concen: 155.404 ng/ul

RT: 17.792 min Scan# 2466

Delta R.T. 0.006 min

Lab File: BM038905.D

Acq: 07 Mar 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCAC1

Tgt Ion:167 Resp:13966666

Ion Ratio Lower Upper

167 100

166 26.3 17.2 25.8

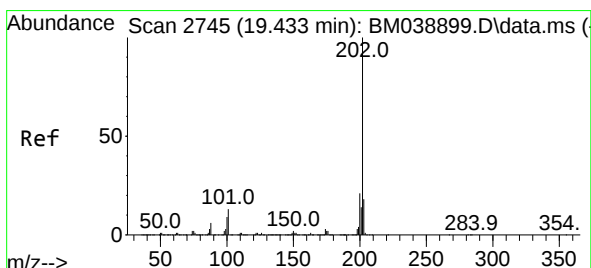
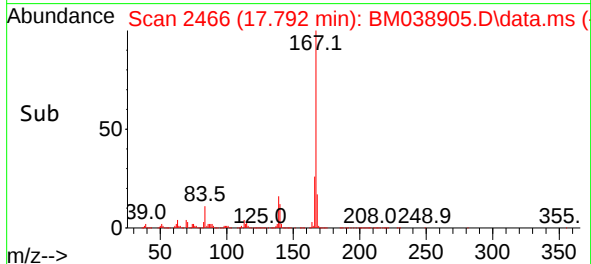
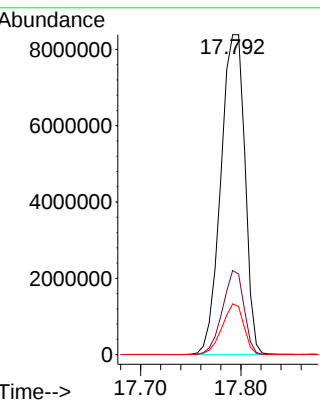
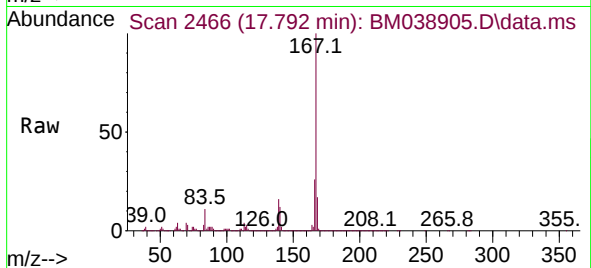
139 15.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#80

Fluoranthene

Concen: 2.985 ng/ul

RT: 19.433 min Scan# 2745

Delta R.T. -0.006 min

Lab File: BM038905.D

Acq: 07 Mar 2023 21:01

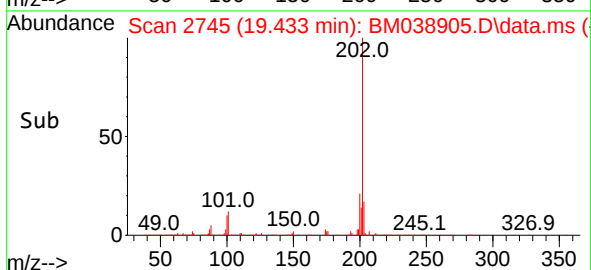
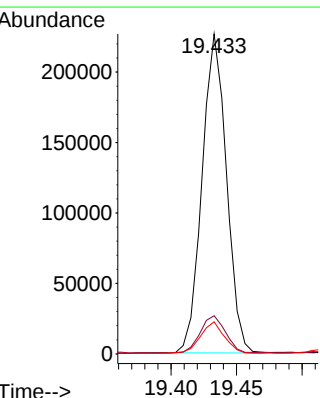
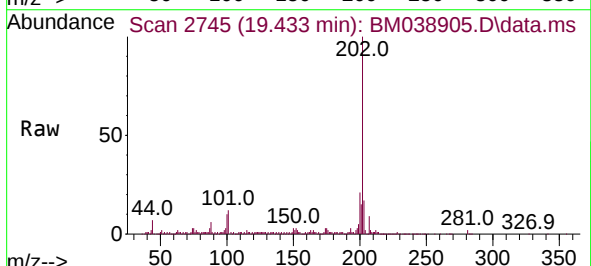
Tgt Ion:202 Resp: 293370

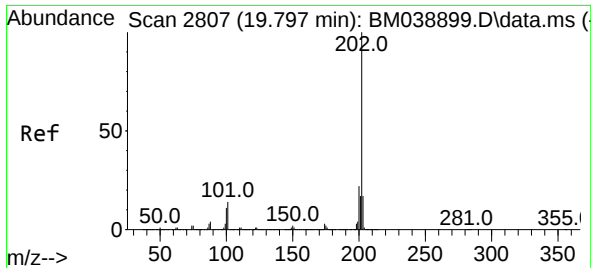
Ion Ratio Lower Upper

202 100

101 11.9 9.0 13.4

100 10.0 6.9 10.3





#82

Pyrene

Concen: 1.359 ng/ul

RT: 19.798 min Scan# 2807

Delta R.T. -0.000 min

Lab File: BM038905.D

Acq: 07 Mar 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCAC1

Tgt Ion:202 Resp: 146405

Ion Ratio Lower Upper

202 100

101 15.1 11.2 16.8

100 11.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023

