

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038875.D
 Acq On : 06 Mar 2023 17:21
 Operator : CG/JU
 Sample : 01746-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAC1

Manual Integrations
 APPROVED

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

Quant Time: Mar 06 23:59:25 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	251748	20.000	ng/u1	0.00
20) Naphthalene-d8	10.833	136	1156366	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.639	164	757398	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1599734	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1436467	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1611415	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	37393	5.546	ng/uL	0.00
4) Pyridine-d5	3.805	84	214239	11.558	ng/u1	0.00
7) Phenol-d5	7.151	99	149702	6.343	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	535145	35.486	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	469481	26.695	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	298034	16.029	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	326325	40.198	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	295003	38.781	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	554671	31.380	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	776138	26.343	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2367708	40.361	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2644941	38.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	65958	5.617	ng/u1	0.00
60) Fluorene-d10	15.633	176	2077920	40.163	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	423012	50.863	ng/u1	0.00
73) Anthracene-d10	17.486	188	3322051	42.114	ng/u1	0.00
81) Pyrene-d10	19.774	212	3854570	48.788	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3672832	45.229	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.022	107	443966	20.033	ng/u1#	92
30) Naphthalene	10.875	128	36213046m	548.813	ng/u1	
36) 2-Methylnaphthalene	12.480	142	7202663	167.233	ng/u1	99
37) 1-Methylnaphthalene	12.698	142	5187407	119.538	ng/u1	100
42) 2,4,5-Trichlorophenol	13.145	196	115870	7.367	ng/u1	99
43) 1,1'-Biphenyl	13.480	154	2540421	42.524	ng/u1	99
50) Acenaphthylene	14.363	152	789704	10.385	ng/u1	98
52) Acenaphthene	14.710	153	7889815	150.735	ng/u1	98
56) Dibenzofuran	15.045	168	7235004	99.564	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	112716	8.232	ng/u1#	97
61) Fluorene	15.692	166	4012010	65.850	ng/u1	100
71) Pentachlorophenol	17.033	266	458585	37.818	ng/u1	99
72) Phenanthrene	17.427	178	4818653	52.134	ng/u1	99
74) Anthracene	17.515	178	433297	4.604	ng/u1	99
77) Carbazole	17.792	167	14421193	165.015	ng/u1	94
80) Fluoranthene	19.433	202	293311	3.228	ng/u1	97
82) Pyrene	19.798	202	143292	1.438	ng/u1	99

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

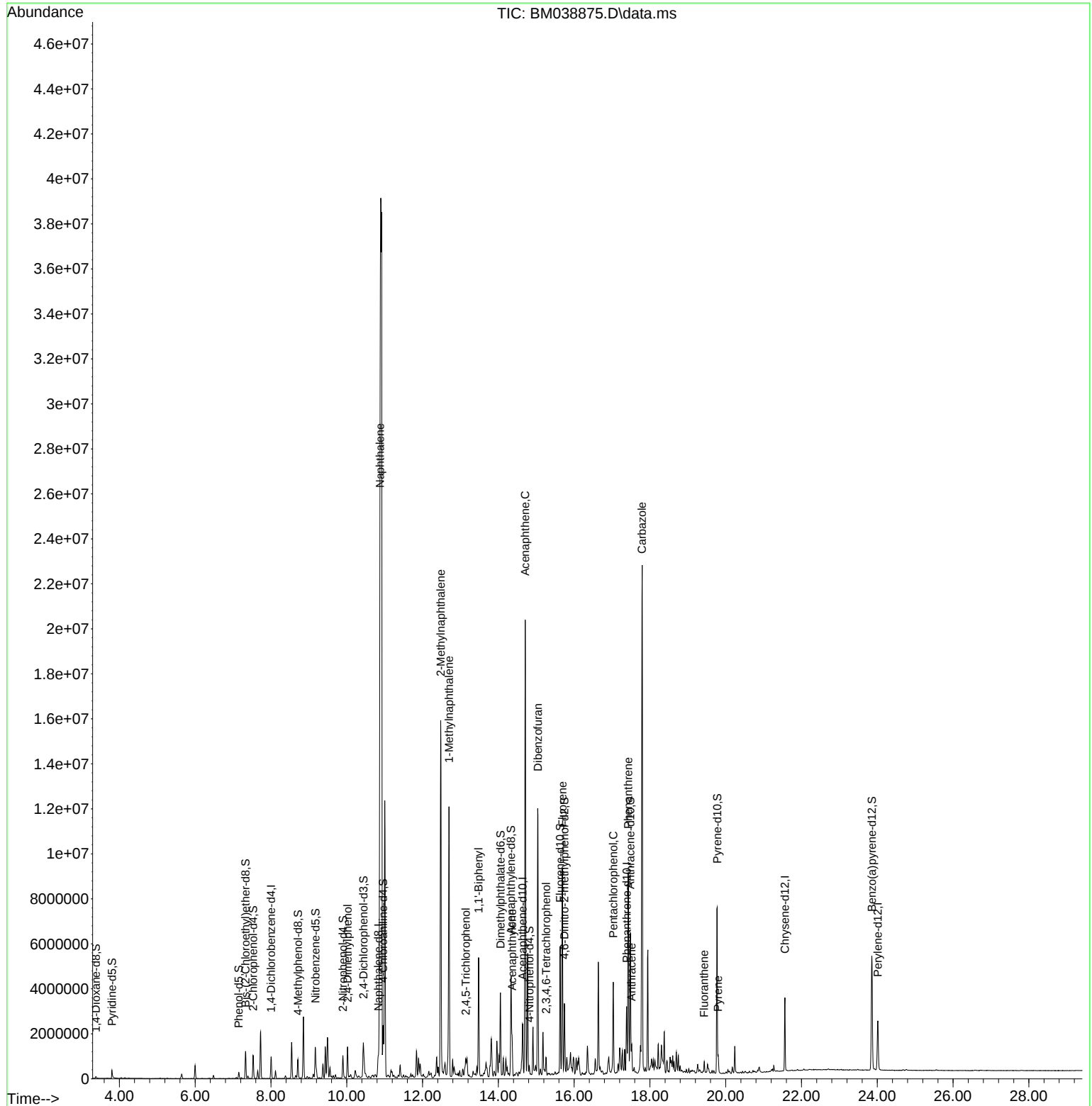
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038875.D
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ALS Vial : 5 Sample Multiplier: 1

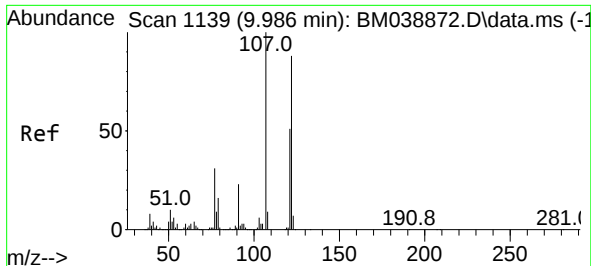
Instrument :
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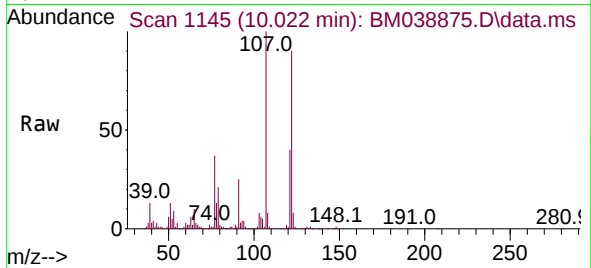
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023





#26
2,4-Dimethylphenol
Concen: 20.033 ng/ul
RT: 10.022 min Scan# 1145
Delta R.T. 0.035 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

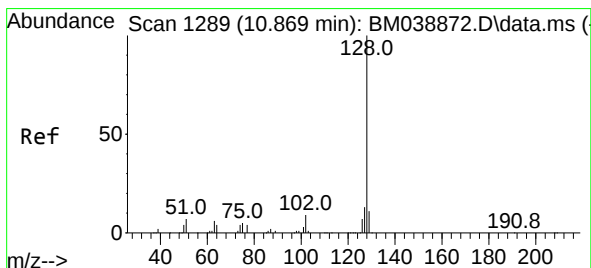
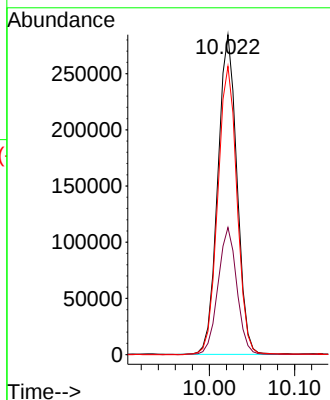
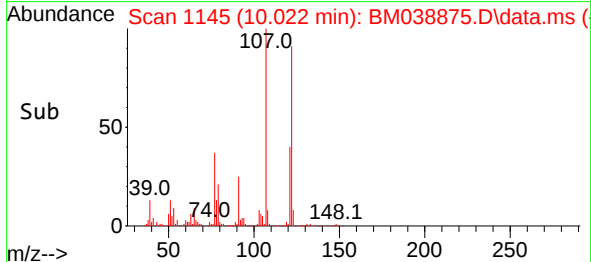
Instrument :
BNA_M
ClientSampleId :
DCAC1



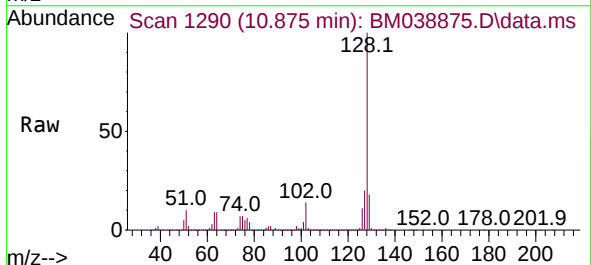
Tgt Ion:107 Resp: 443966
Ion Ratio Lower Upper
107 100
121 39.7 39.8 59.8#
122 90.1 69.0 103.4#

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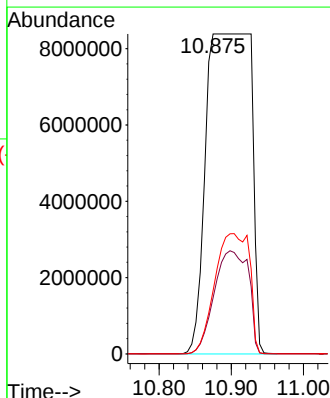
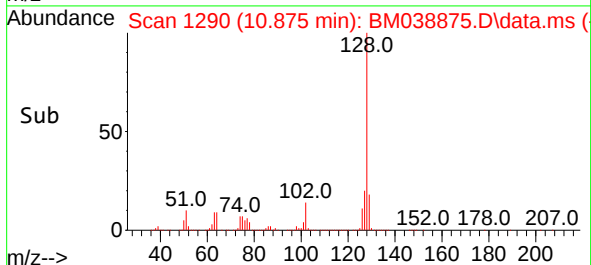
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

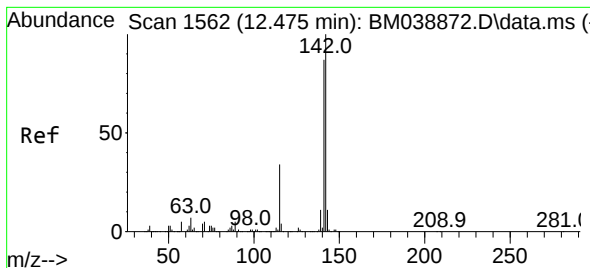


#30
Naphthalene
Concen: 548.813 ng/ul m
RT: 10.875 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21



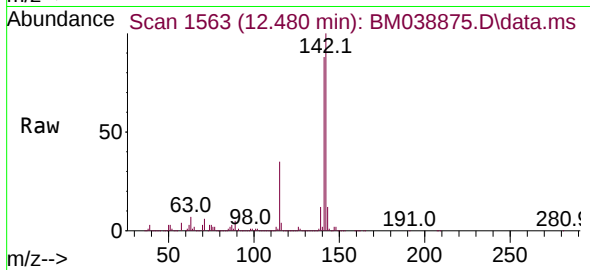
Tgt Ion:128 Resp:36213046
Ion Ratio Lower Upper
128 100
129 17.5 8.6 12.8#
127 19.7 10.2 15.4#





#36
2-Methylnaphthalene
Concen: 167.233 ng/ul
RT: 12.480 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

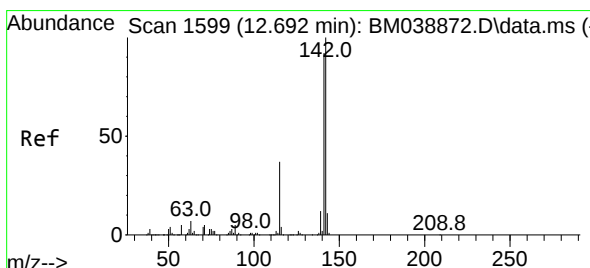
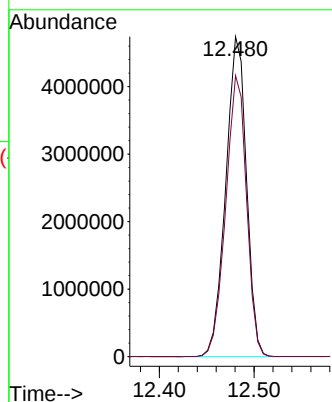
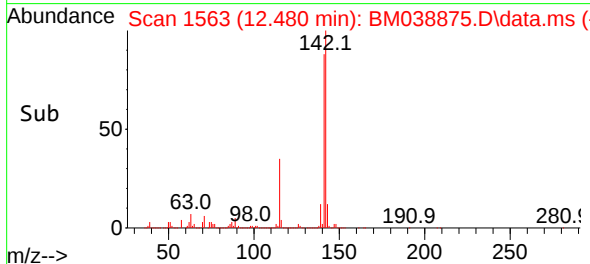
Instrument :
BNA_M
ClientSampleId :
DCAC1



Tgt Ion:142 Resp: 7202663
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6

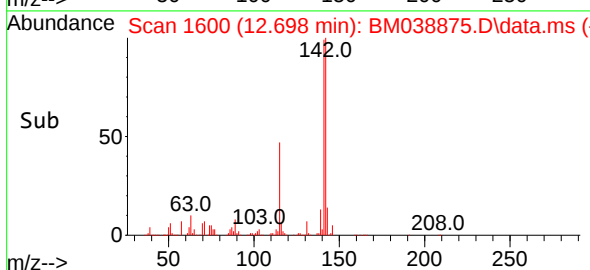
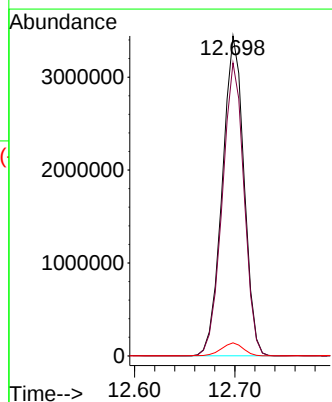
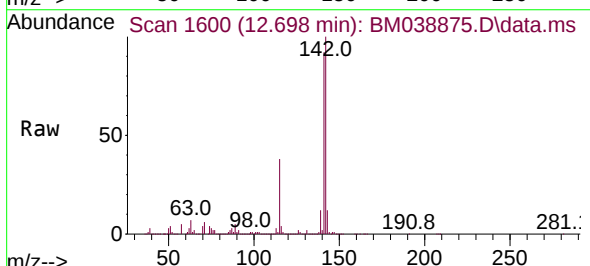
Manual Integrations
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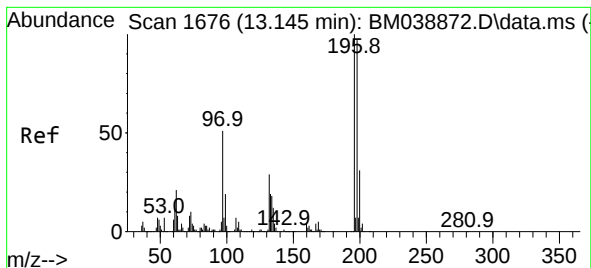
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#37
1-Methylnaphthalene
Concen: 119.538 ng/ul
RT: 12.698 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

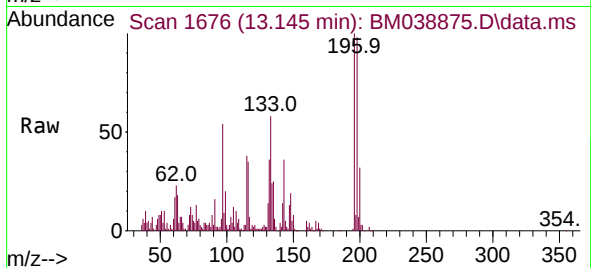
Tgt Ion:142 Resp: 5187407
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0
116 4.1 3.2 4.8





#42
2,4,5-Trichlorophenol
Concen: 7.367 ng/ul
RT: 13.145 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

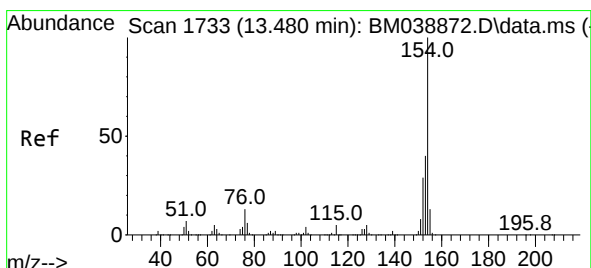
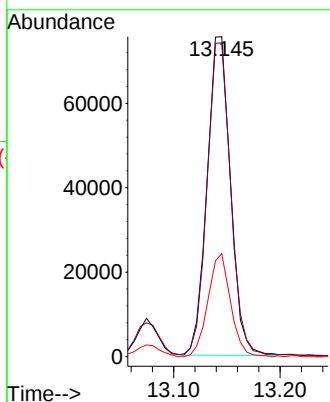
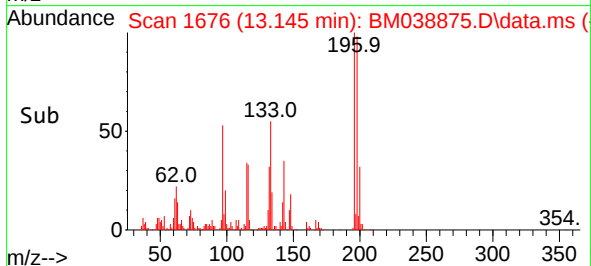
Instrument :
BNA_M
ClientSampleId :
DCAC1



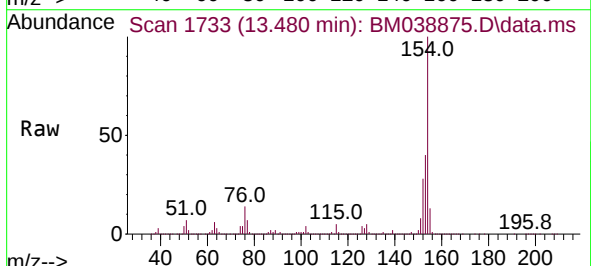
Tgt Ion:196 Resp: 115876
Ion Ratio Lower Upper
196 100
198 98.0 77.5 116.3
200 32.2 24.8 37.2

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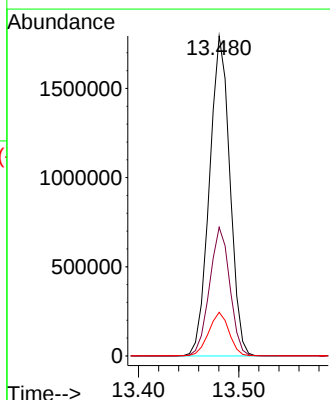
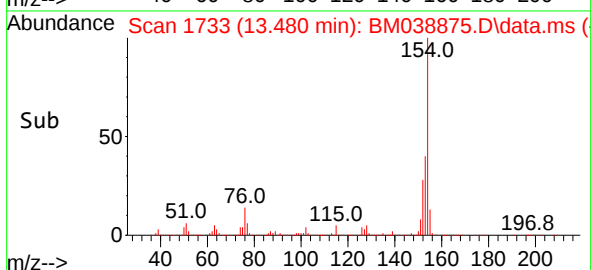
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

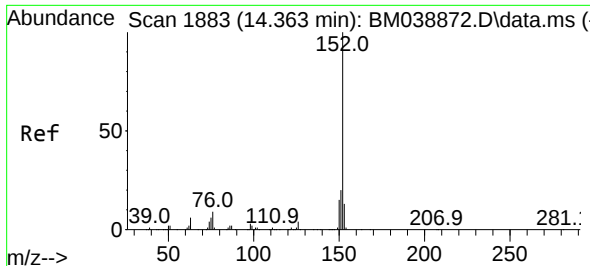


#43
1,1'-Biphenyl
Concen: 42.524 ng/ul
RT: 13.480 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21



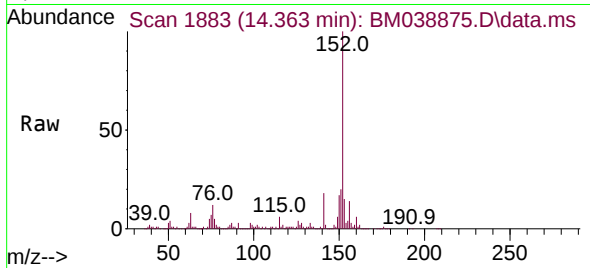
Tgt Ion:154 Resp: 2540421
Ion Ratio Lower Upper
154 100
153 40.2 31.3 46.9
76 13.6 11.0 16.6





#50
Acenaphthylene
Concen: 10.385 ng/ul
RT: 14.363 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

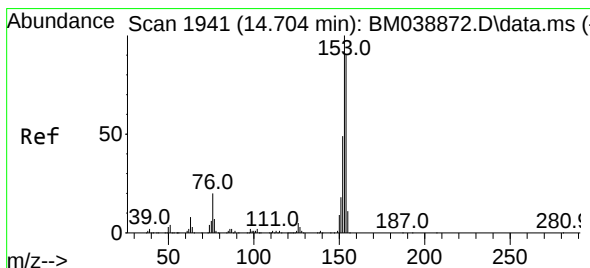
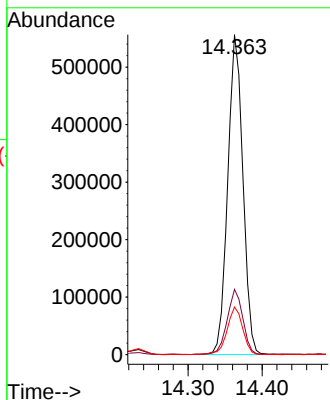
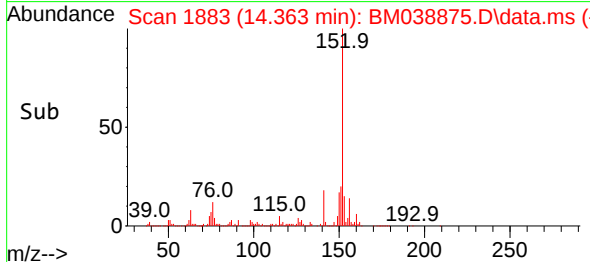
Instrument :
BNA_M
ClientSampleId :
DCAC1



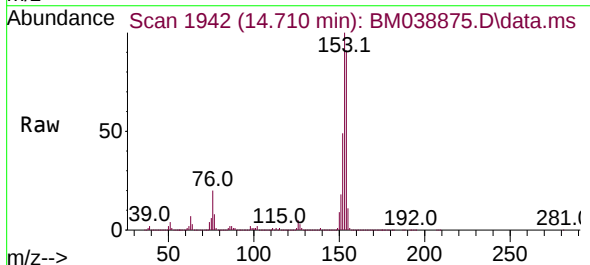
Tgt Ion:152 Resp: 789704
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 14.9 10.4 15.6

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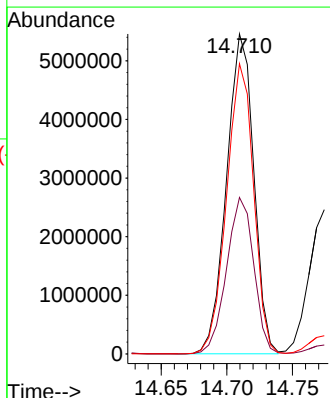
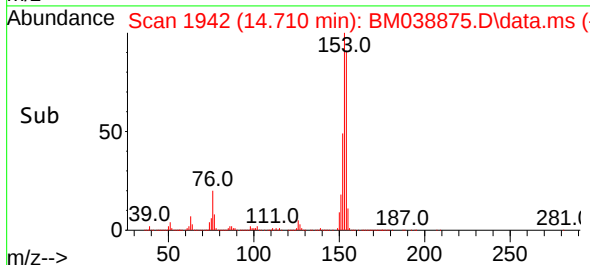
Reviewed By :Christian Giraldo 03/07/2023
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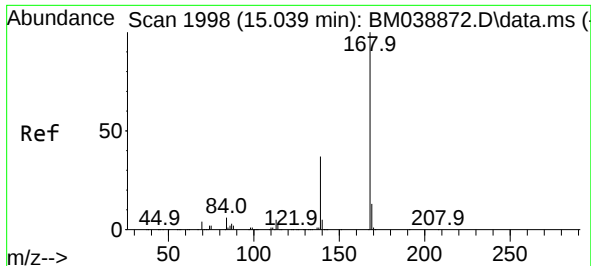


#52
Acenaphthene
Concen: 150.735 ng/ul
RT: 14.710 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21



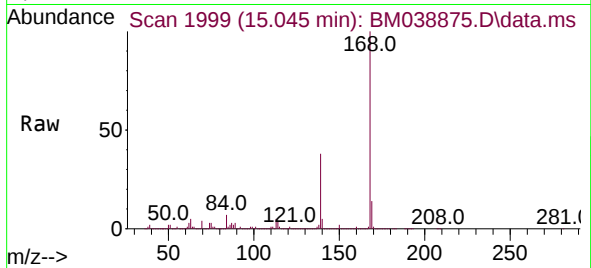
Tgt Ion:153 Resp: 7889815
Ion Ratio Lower Upper
153 100
152 48.9 39.1 58.7
154 90.7 70.4 105.6





#56
Dibenzenofuran
Concen: 99.564 ng/ul
RT: 15.045 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

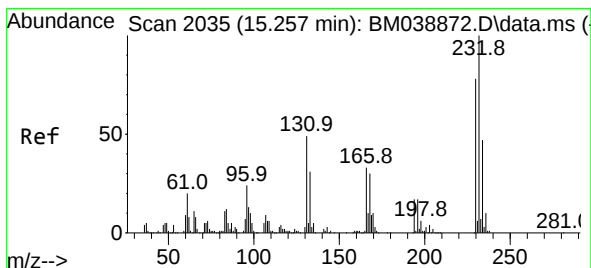
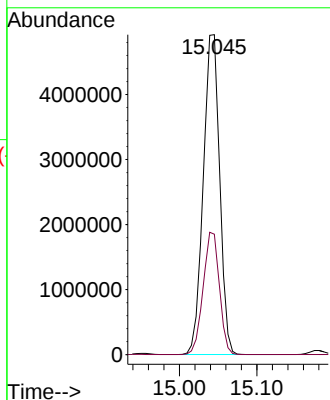
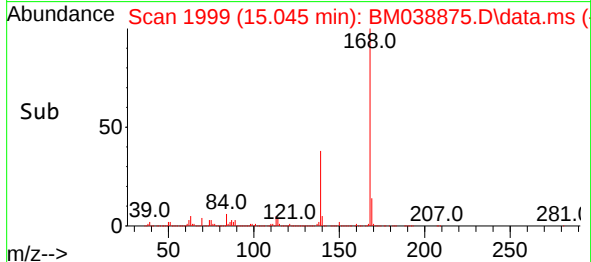
Instrument :
BNA_M
ClientSampleId :
DCAC1



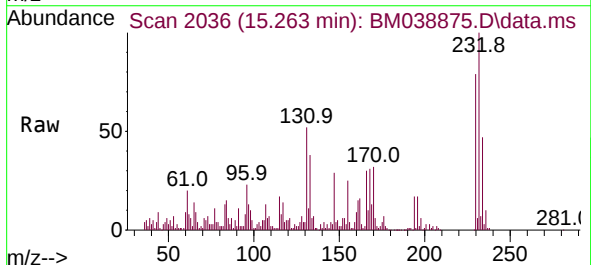
Tgt Ion:168 Resp: 7235004
Ion Ratio Lower Upper
168 100
139 37.6 30.9 46.3

Manual Integrations
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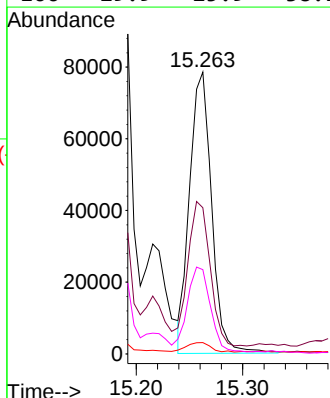
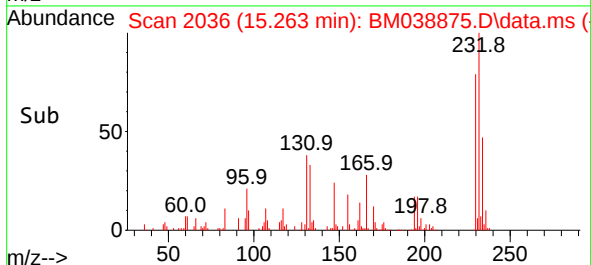
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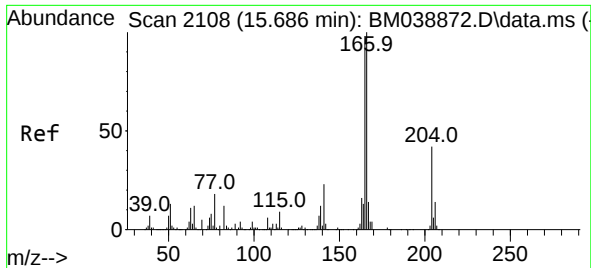


#58
2,3,4,6-Tetrachlorophenol
Concen: 8.232 ng/ul
RT: 15.263 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21



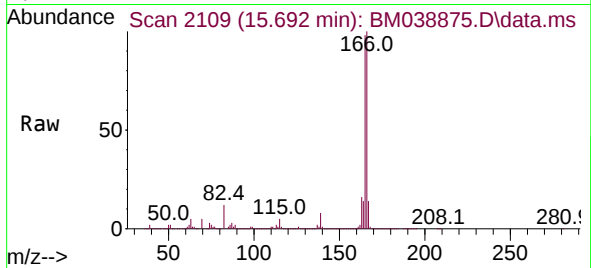
Tgt Ion:232 Resp: 112716
Ion Ratio Lower Upper
232 100
131 51.9 40.6 60.8
130 4.0 2.0 3.0#
166 29.9 25.9 38.9





#61
Fluorene
Concen: 65.850 ng/ul
RT: 15.692 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

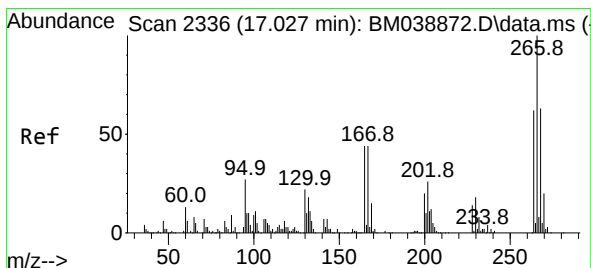
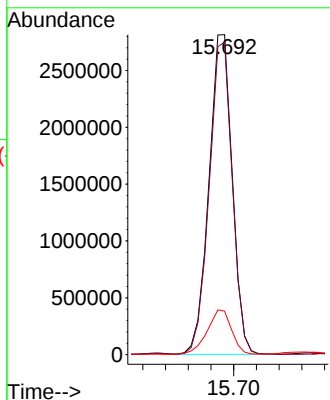
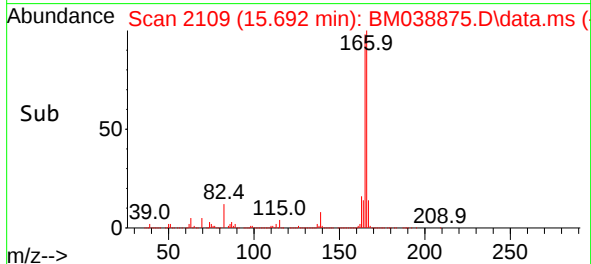
Instrument :
BNA_M
ClientSampleId :
DCAC1



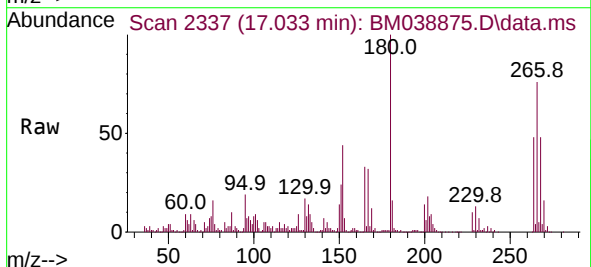
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Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.4
167 13.6 10.5 15.7

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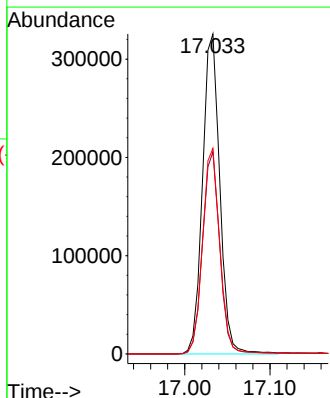
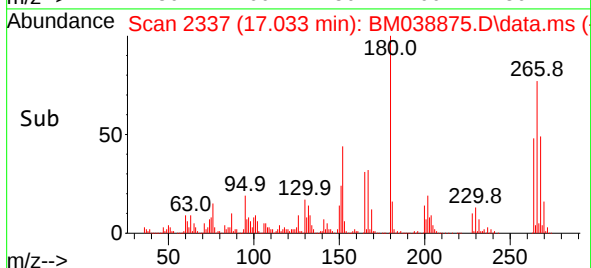
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

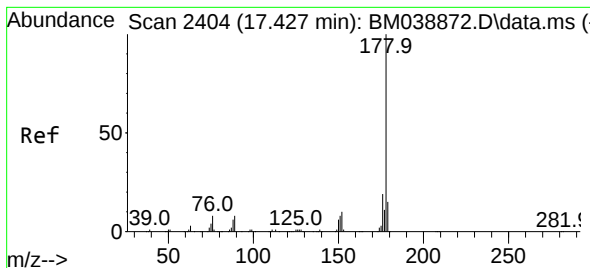


#71
Pentachlorophenol
Concen: 37.818 ng/ul
RT: 17.033 min Scan# 2337
Delta R.T. 0.006 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21



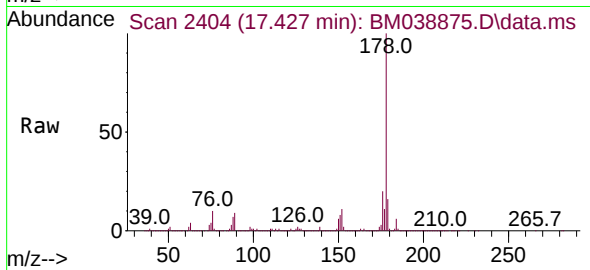
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Ion Ratio Lower Upper
266 100
264 63.1 51.0 76.6
268 64.2 51.7 77.5





#72
Phenanthrene
Concen: 52.134 ng/ul
RT: 17.427 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21

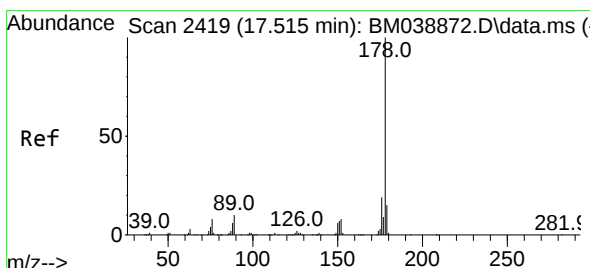
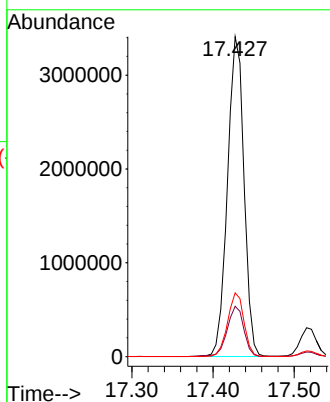
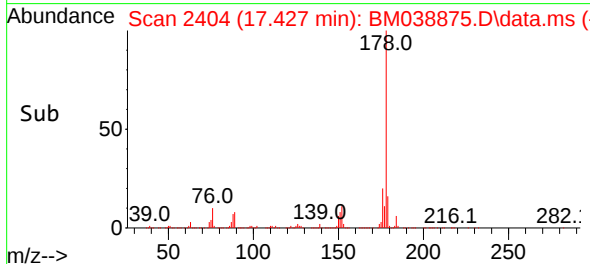
Instrument :
BNA_M
ClientSampleId :
DCAC1



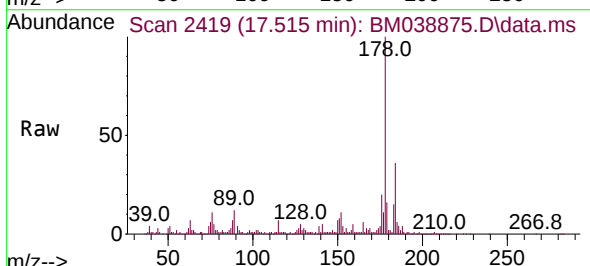
Tgt Ion:178 Resp: 4818653
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.9 15.7 23.5

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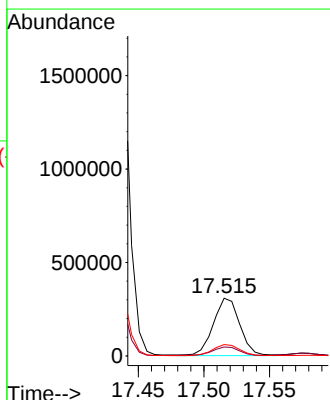
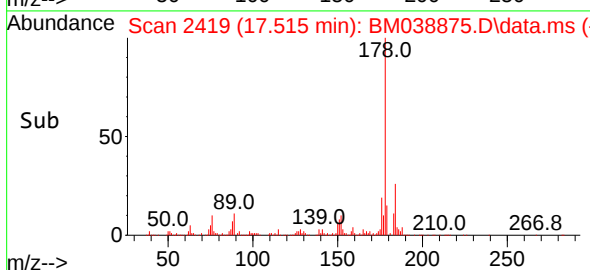
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

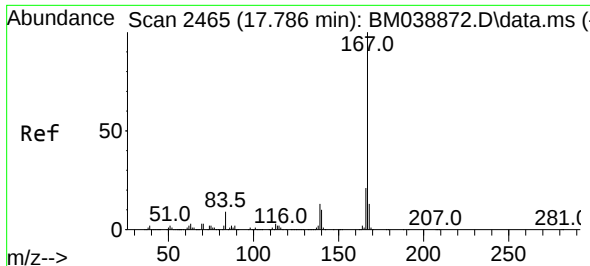


#74
Anthracene
Concen: 4.604 ng/ul
RT: 17.515 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM038875.D
Acq: 06 Mar 2023 17:21



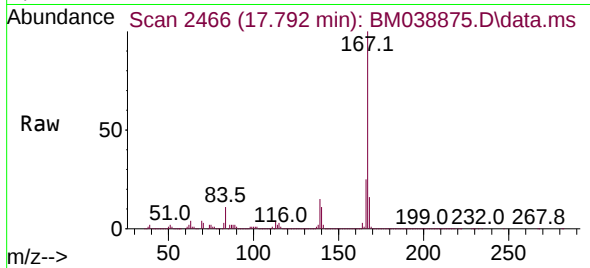
Tgt Ion:178 Resp: 433297
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.6 14.9 22.3





#77
 Carbazole
 Concen: 165.015 ng/ul
 RT: 17.792 min Scan# 2466
 Delta R.T. 0.006 min
 Lab File: BM038875.D
 Acq: 06 Mar 2023 17:21

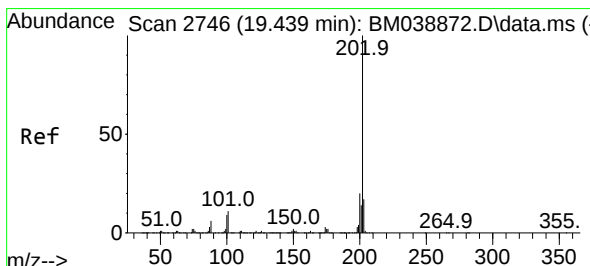
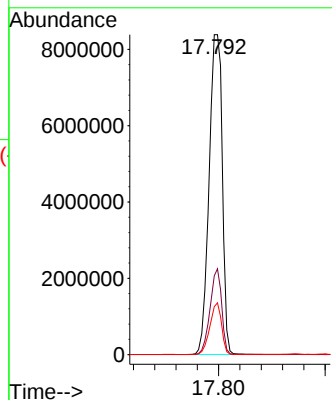
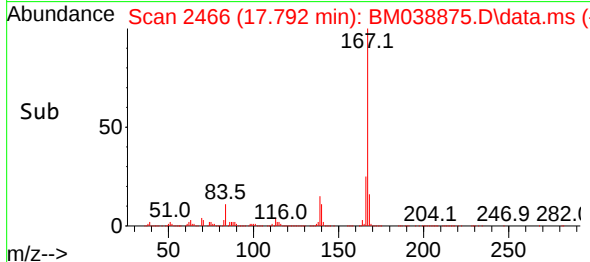
Instrument :
 BNA_M
 ClientSampleId :
 DCAC1



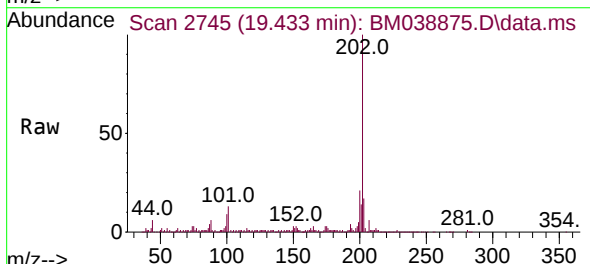
Tgt Ion:167 Resp:14421193
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.2 25.8
 139 15.0 10.6 16.0

Manual Integrations
 APPROVED

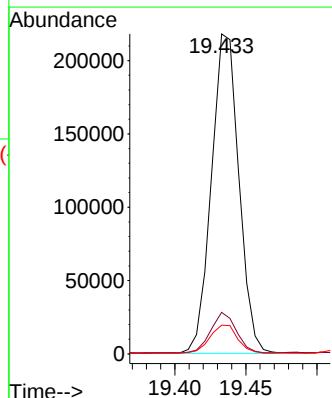
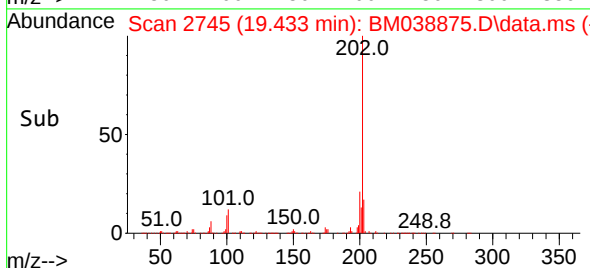
Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

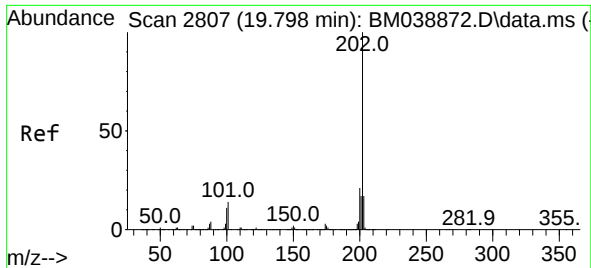


#80
 Fluoranthene
 Concen: 3.228 ng/ul
 RT: 19.433 min Scan# 2745
 Delta R.T. -0.006 min
 Lab File: BM038875.D
 Acq: 06 Mar 2023 17:21



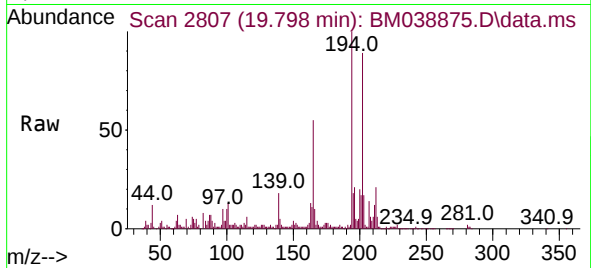
Tgt Ion:202 Resp: 293311
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.0 13.4
 100 9.0 6.9 10.3





#82
 Pyrene
 Concen: 1.438 ng/ul
 RT: 19.798 min Scan# 2807
 Delta R.T. -0.000 min
 Lab File: BM038875.D
 Acq: 06 Mar 2023 17:21

Instrument :
 BNA_M
 ClientSampleId :
 DCAC1



Tgt Ion:	202	Resp:	143292
Ion Ratio	Lower	Upper	
202	100		
101	14.5	11.2	16.8
100	11.5	9.1	13.7

Manual Integrations
 APPROVED

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

