

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
 Data File : BM023406.D
 Acq On : 25 Oct 2019 14:44
 Operator : JU
 Sample : K5344-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF6L3

Manual Integrations
 APPROVED

mohammad
 10/26/2019 10:00:35 AM

Quant Time: Oct 25 22:21:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	622751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2538712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	1571533	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2715945	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1933222	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2295094	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	63139	4.82	ng/uL	0.00
5) Phenol-d5	6.81	99	274877	5.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	614869	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	728638	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	491306	11.57	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	455167	23.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	492051	23.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	889471	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	93739	1.96	ng/ul	-0.02
44) Dimethylphthalate-d6	13.70	166	2869514	24.04	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3134199	22.93	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	117656	5.69	ng/ul	0.00
58) Fluorene-d10	15.28	176	2266965	22.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	290920	17.21	ng/ul	0.00
71) Anthracene-d10	17.13	188	3098179	24.14	ng/ul	0.00
79) Pyrene-d10	19.43	212	2639865	24.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2789292	23.86	ng/ul	0.00
Target Compounds						
6) Phenol	6.84	94	352225	6.540	ng/ul	95
11) 2-Methylphenol	8.08	108	294772	7.158	ng/ul	96
16) 4-Methylphenol	8.41	108	549066	12.162	ng/ul	92
24) 2,4-Dimethylphenol	9.60	107	1033715m	21.608	ng/ul	
28) Naphthalene	10.46	128	2672574	20.539	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	997436	10.035	ng/ul	97
45) Dimethylphthalate	13.74	163	1221787	10.197	ng/ul	99

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

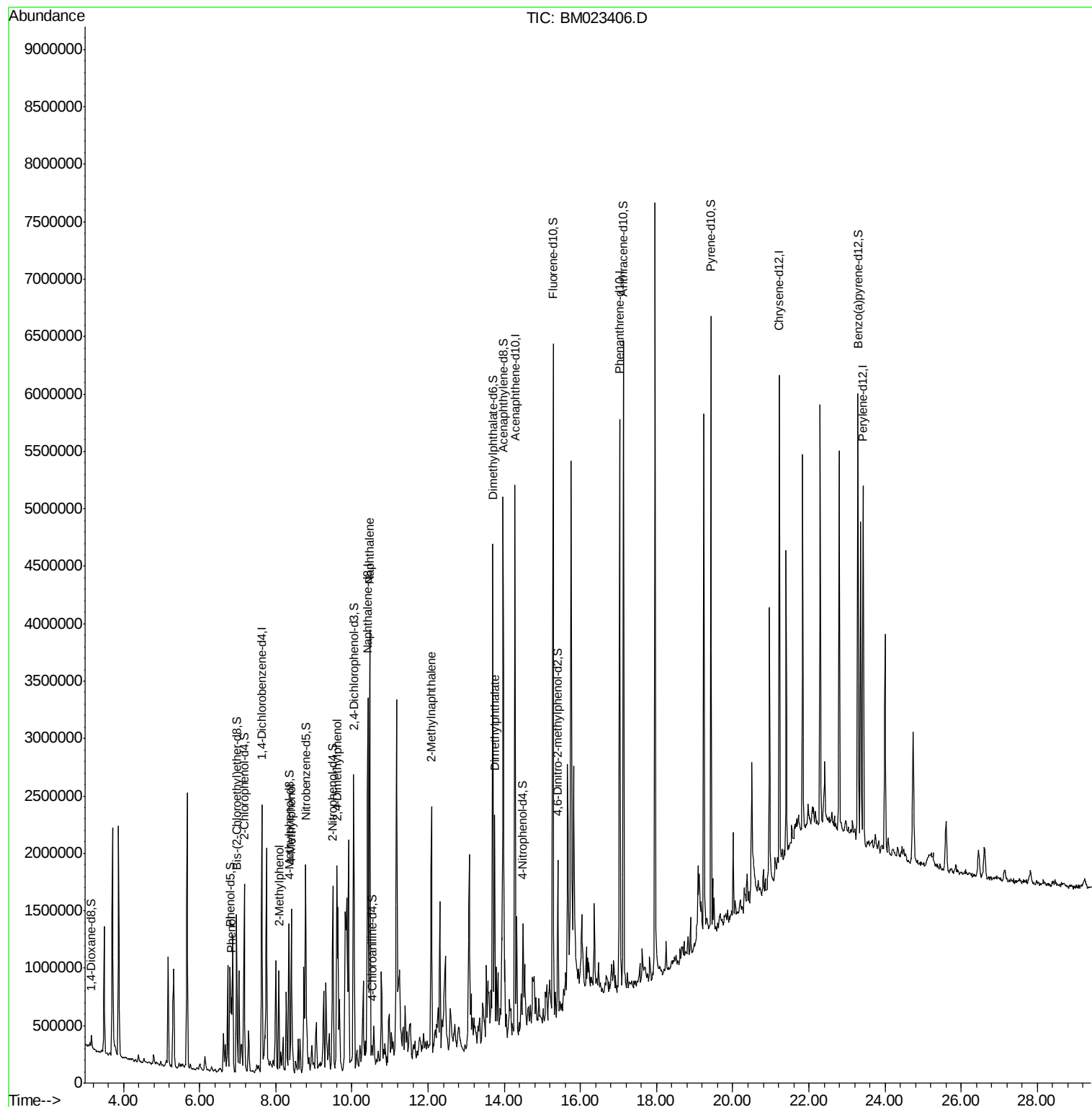
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ALS Vial : 4 Sample Multiplier: 1

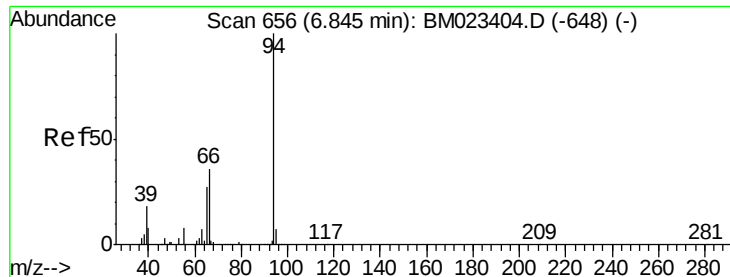
Instrument :
BNA_M
ClientSampleId :
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#6

Phenol

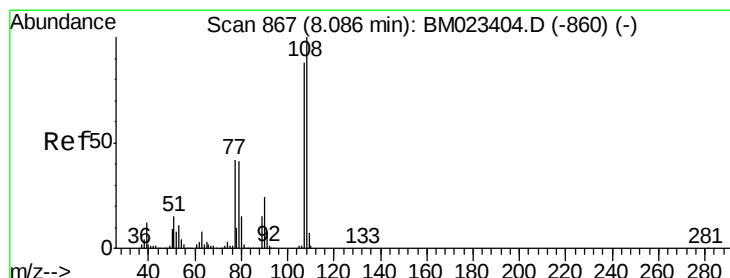
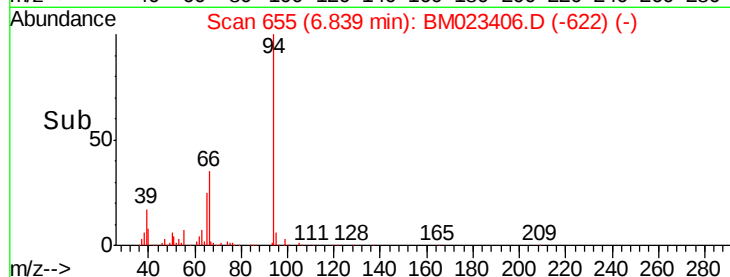
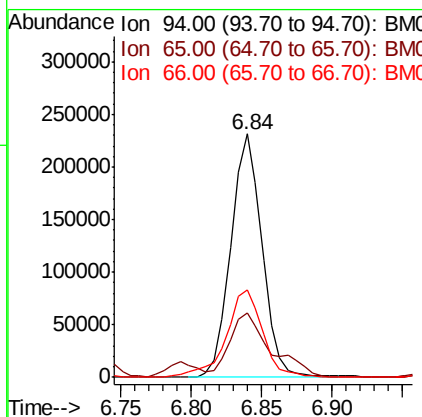
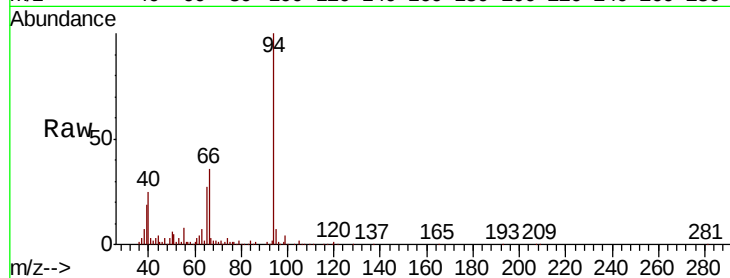
Concen: 6.540 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BM023406.D
 Acq: 25 Oct 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 BF6L3

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.6	22.9	34.3
66	35.8	31.4	47.2

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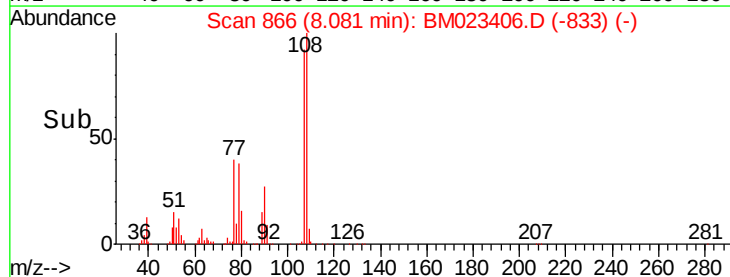
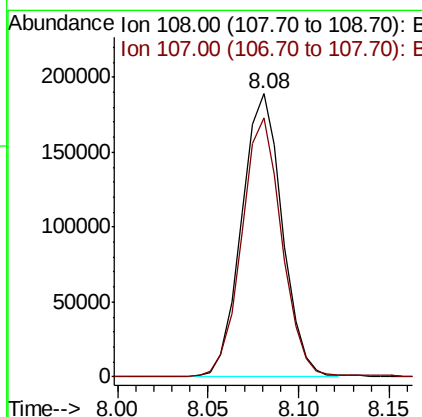
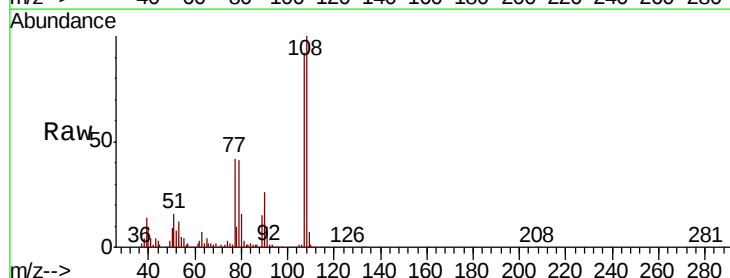


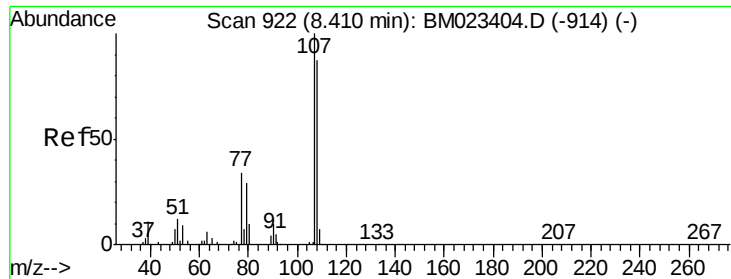
#11

2-Methylphenol

Concen: 7.158 ng/ul
 RT: 8.08 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BM023406.D
 Acq: 25 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.7	70.6	106.0





#16

4-Methylphenol

Concen: 12.162 ng/ul

RT: 8.41 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

Instrument :

BNA_M

ClientSampled :

BF6L3

Tot Ion:108 Resp: 549066

Ion Ratio Lower Upper

108 100

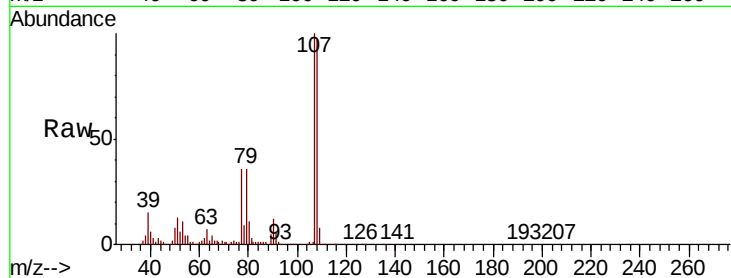
107 103.5 89.7 134.5

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

400000

300000

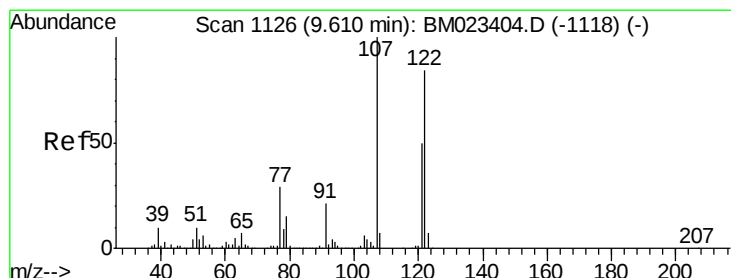
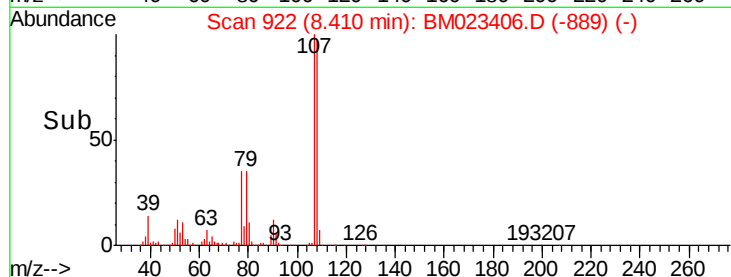
200000

100000

0

8.30 8.35 8.40 8.45 8.50

Time-->



#24

2,4-Dimethylphenol

Concen: 21.608 ng/ul m

RT: 9.60 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM023406.D

Acq: 25 Oct 2019 14:44

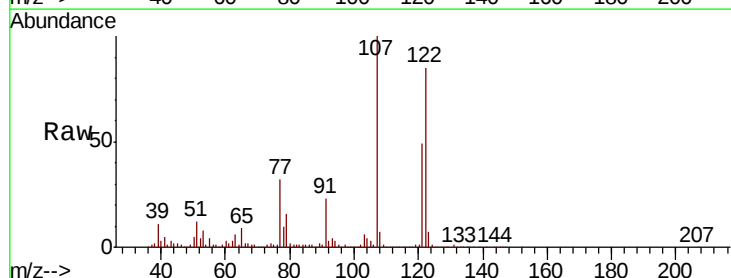
Tgt Ion:107 Resp: 1033715

Ion Ratio Lower Upper

107 100

121 49.5 39.8 59.8

122 85.4 66.4 99.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

500000

400000

300000

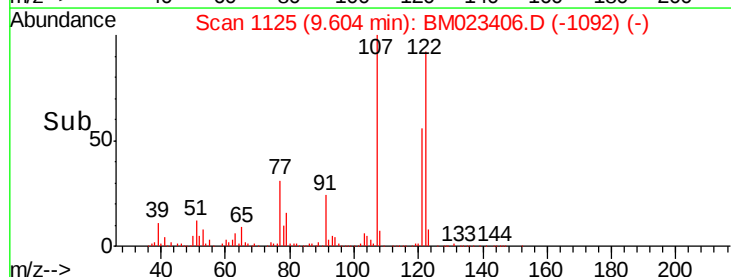
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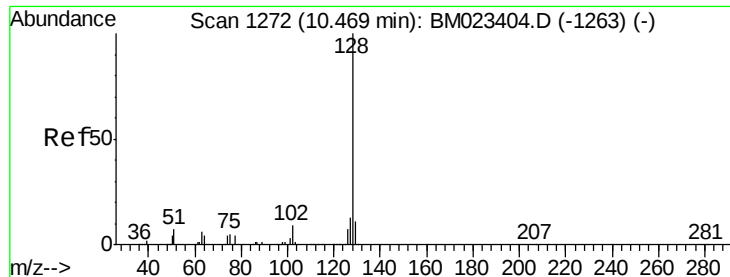
100000

0

9.50 9.55 9.60 9.65 9.70

Time-->





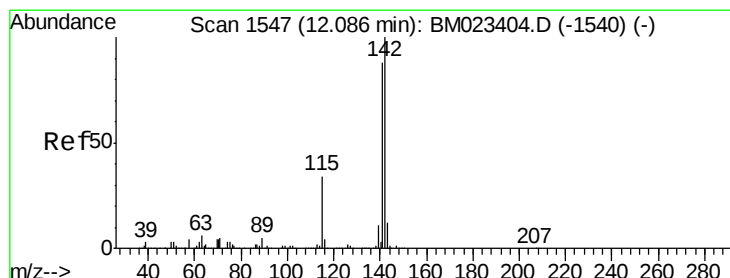
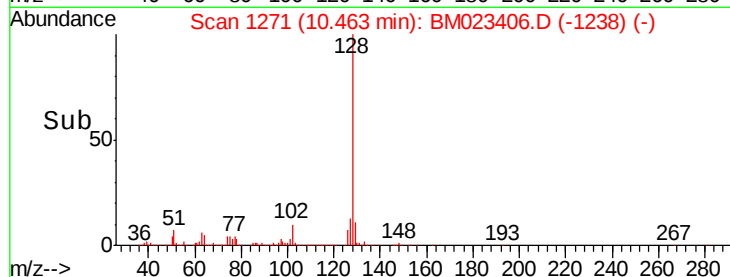
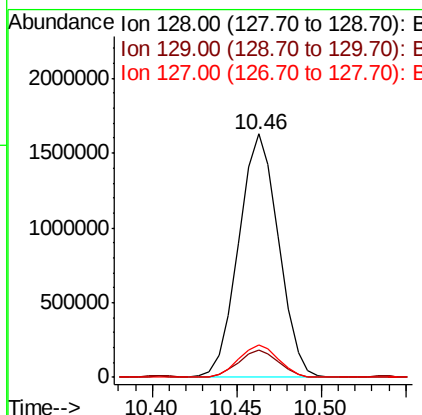
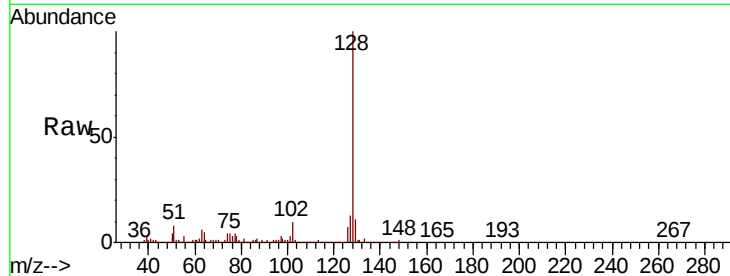
#28
Naphthalene
Concen: 20.539 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM023406.D
Acq: 25 Oct 2019 14:44

Instrument :
BNA_M
ClientSampleId :
BF6L3

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.4	15.6

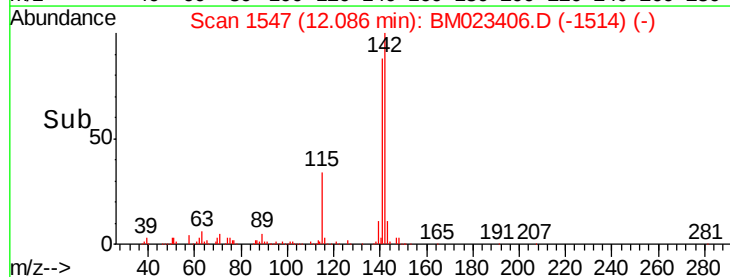
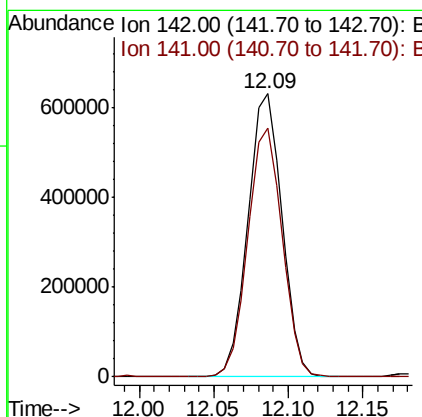
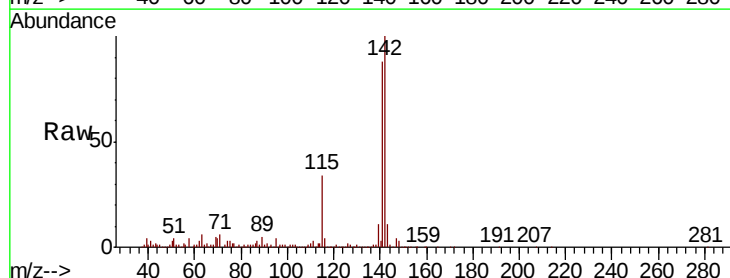
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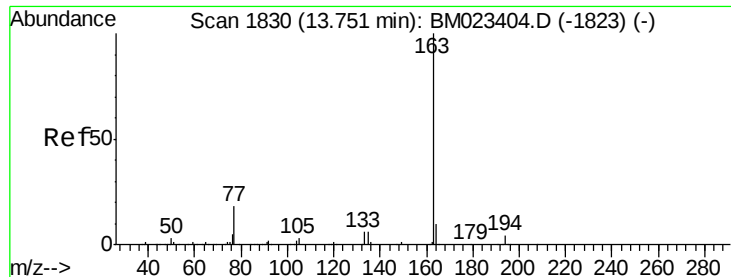
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10/26/2019 10:00:35 AM



#34
2-Methylnaphthalene
Concen: 10.035 ng/ul
RT: 12.09 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM023406.D
Acq: 25 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.4	108.6





#45
 Dimethylphthalate
 Concen: 10.197 ng/ul
 RT: 13.74 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM023406.D
 Acq: 25 Oct 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :
 BF6L3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	7.9	11.9

Manual Integrations
 APPROVED

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 10/26/2019 10:00:35 AM

