

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023069.D
 Acq On : 09 Oct 2019 05:59
 Operator : JU
 Sample : K5028-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDK6

Manual Integrations
 APPROVED

mohammad
 10/11/2019 8:28:28 AM

Quant Time: Oct 09 06:56:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 05:18:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	190542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	794456	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	457141	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	871529	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	842074	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	987329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	23090	5.24	ng/uL	0.00
5) Phenol-d5	6.94	99	72360	4.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	163445	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	199204	14.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	130816	9.49	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	114402	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	125088	18.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	233419	17.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	236054	14.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	719622	20.28	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	805351	19.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	23366	3.33	ng/ul	0.00
58) Fluorene-d10	15.40	176	583147	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	71510	12.61	ng/ul	0.00
71) Anthracene-d10	17.24	188	870580	20.46	ng/ul	0.00
79) Pyrene-d10	19.54	212	955690	21.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1065704	20.86	ng/ul	-0.01

Target Compounds

					Ovalue	
4) Benzaldehyd	6.92	77	13598	1.782	ng/ul#	82
6) Phenol	6.97	94	39890	2.260	ng/ul	99
16) 4-Methylphenol	8.55	108	23482	1.561	ng/ul	90
24) 2,4-Dimethylphenol	9.74	107	65272m	4.378	ng/ul	
28) Naphthalene	10.61	128	209787	4.890	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	46406	1.443	ng/ul	99
45) Dimethylphthalate	13.87	163	718453	19.713	ng/ul	100
50) Acenaphthene	14.47	153	66405	2.156	ng/ul	100
70) Phenanthrene	17.19	178	75675	1.455	ng/ul	99

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

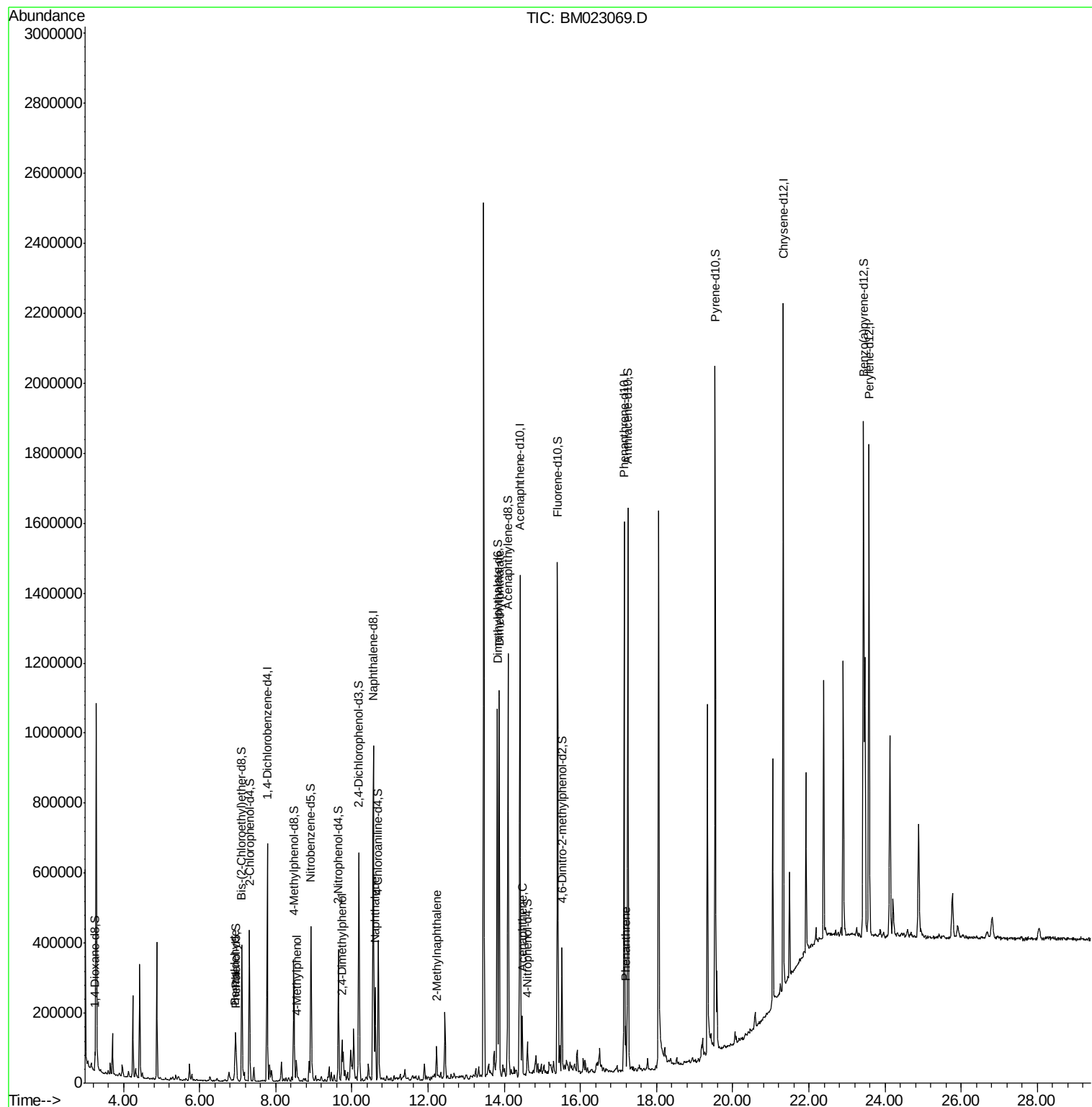
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023069.D
Acq On : 09 Oct 2019 05:59
Operator : JU
Sample : K5028-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

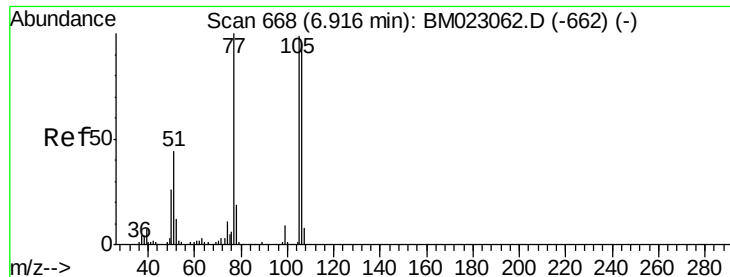
Instrument :
BNA_M
ClientSampleId :
BFDK6

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Quant Time: Oct 09 06:56:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 05:18:32 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.782 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleID :

BFDK6

Tot Ion: 77 Resp: 13598

Ion Ratio Lower Upper

77 100

105 136.8 80.6 120.8#

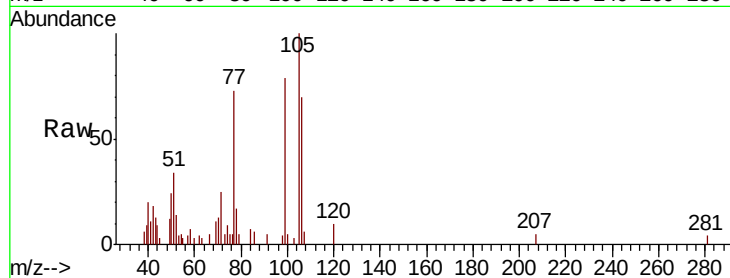
106 96.4 77.0 115.6

Manual Integrations

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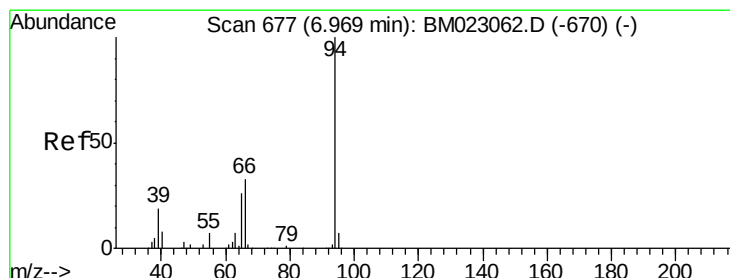
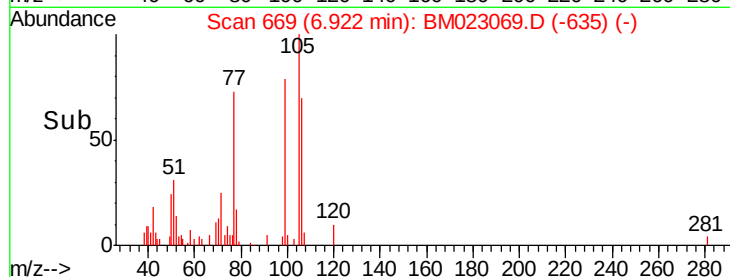
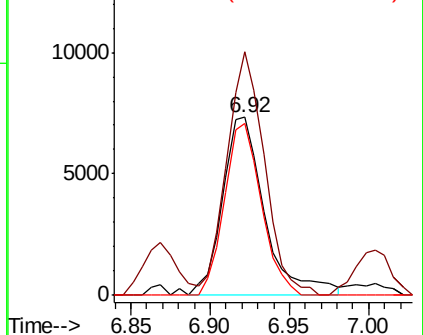
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Abundance Ion 77.00 (76.70 to 77.70): BM023069.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM023069.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM023069.D (-662) (-)



#6

Phenol

Concen: 2.260 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

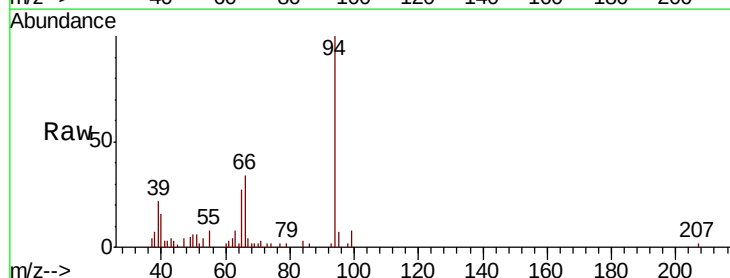
Tgt Ion: 94 Resp: 39890

Ion Ratio Lower Upper

94 100

65 27.4 20.9 31.3

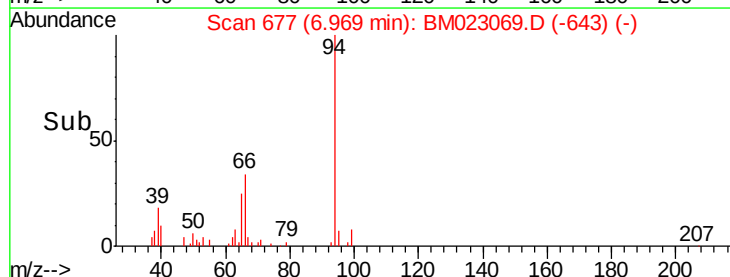
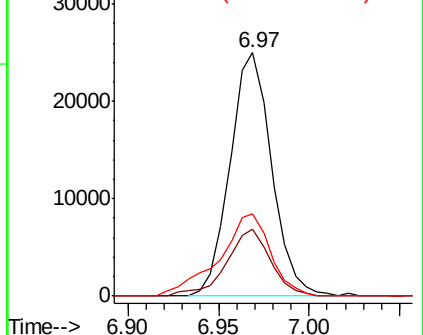
66 34.0 27.2 40.8

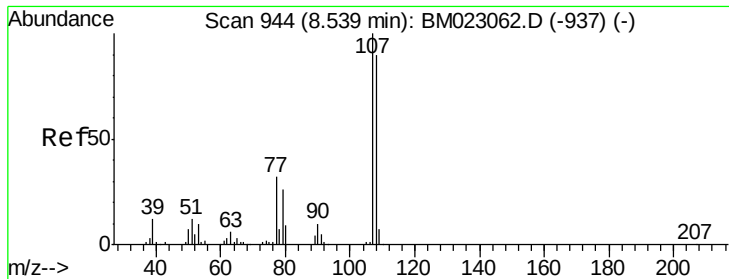


Abundance Ion 94.00 (93.70 to 94.70): BM023069.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023069.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023069.D (-670) (-)





#16

4-Methylphenol

Concen: 1.561 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. -0.00 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

Instrument :

BNA_M

ClientSampleId :

BFDK6

Tot Ion:108 Resp: 23482

Ion Ratio Lower Upper

108 100

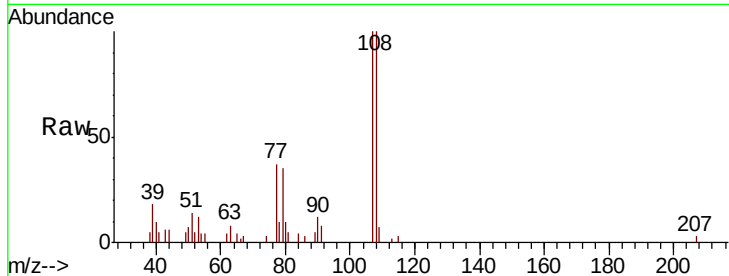
107 99.7 87.9 131.9

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

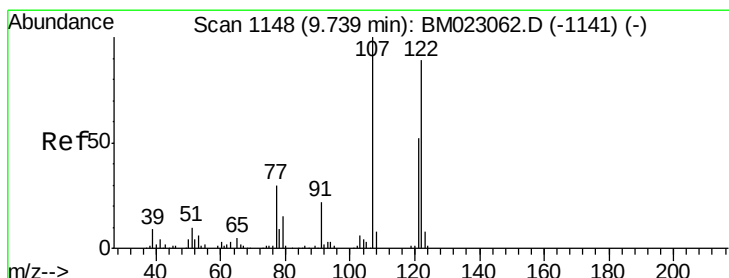
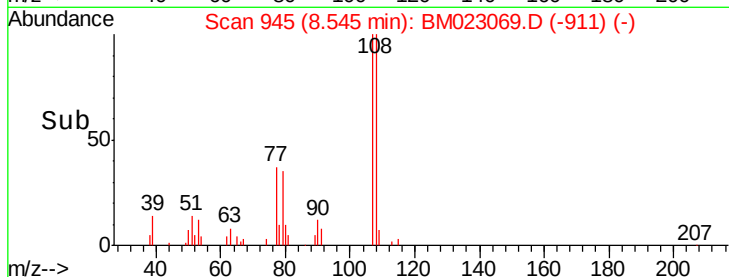
10000

5000

0

8.50 8.55 8.60

Time-->



#24

2,4-Dimethylphenol

Concen: 4.378 ng/ul m

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM023069.D

Acq: 09 Oct 2019 05:59

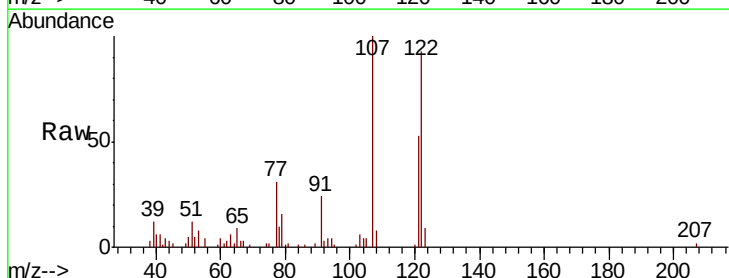
Tgt Ion:107 Resp: 65272

Ion Ratio Lower Upper

107 100

121 52.9 43.0 64.4

122 92.6 71.4 107.0



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

30000

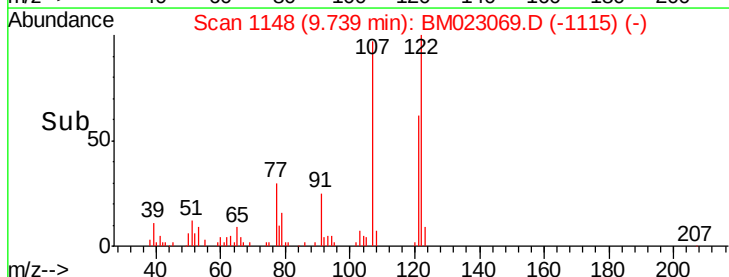
20000

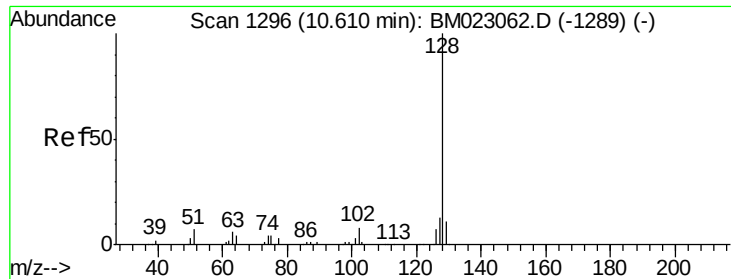
10000

0

9.65 9.70 9.75 9.80 9.85

Time-->





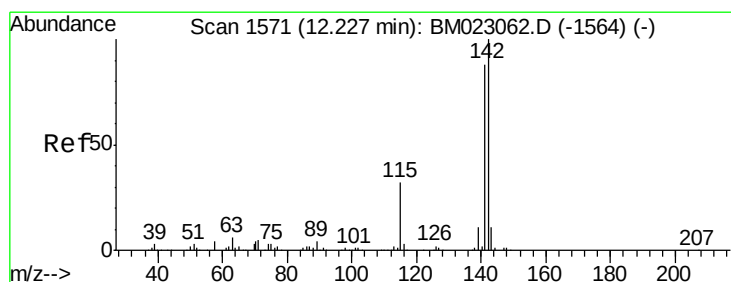
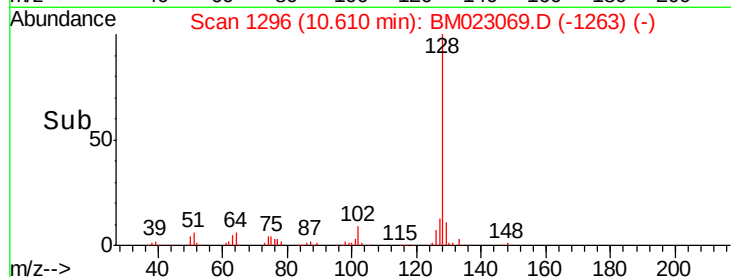
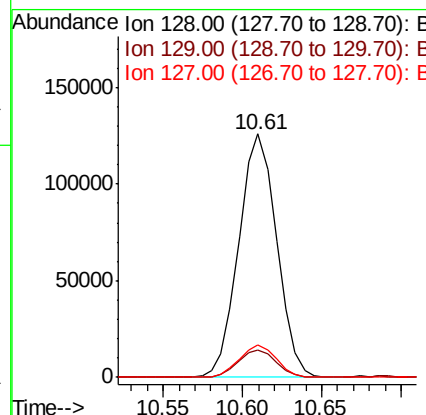
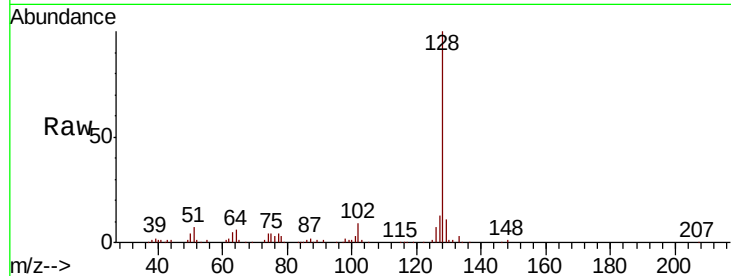
#28
Naphthalene
Concen: 4.890 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM023069.D
Acq: 09 Oct 2019 05:59

Instrument :
BNA_M
ClientSampleId :
BFDK6

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.4	10.2	15.4

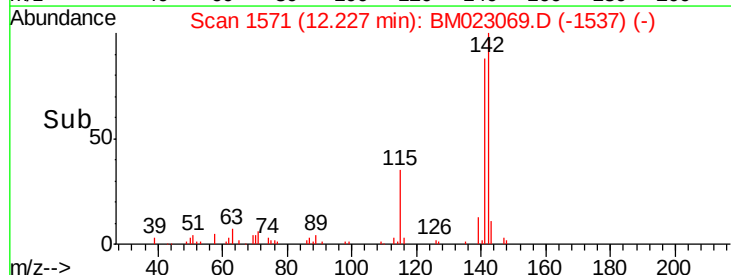
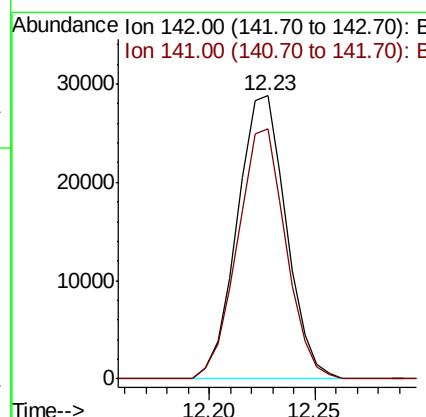
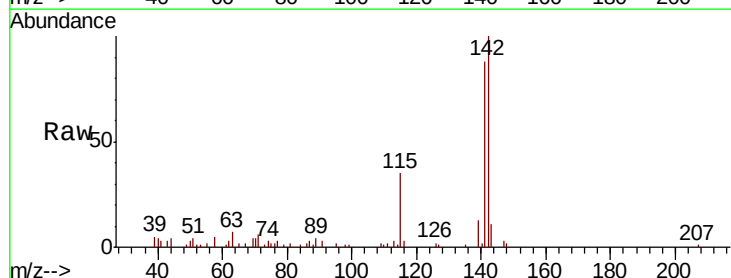
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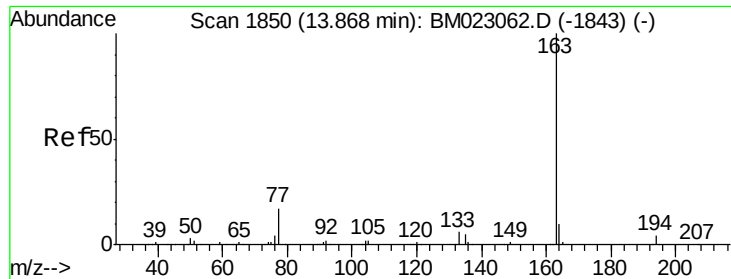
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#34
2-Methylnaphthalene
Concen: 1.443 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BM023069.D
Acq: 09 Oct 2019 05:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8





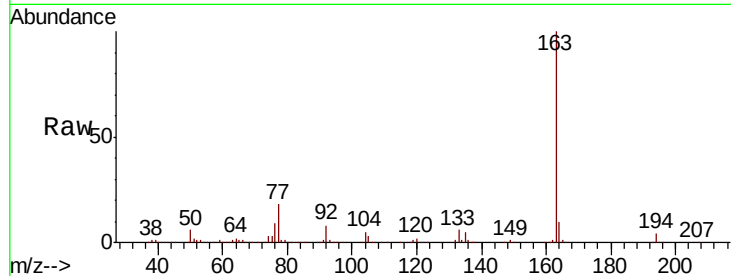
#45
Dimethylphthalate
Concen: 19.713 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM023069.D
Acq: 09 Oct 2019 05:59

Instrument :
BNA_M
ClientSampled :
BFDK6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1

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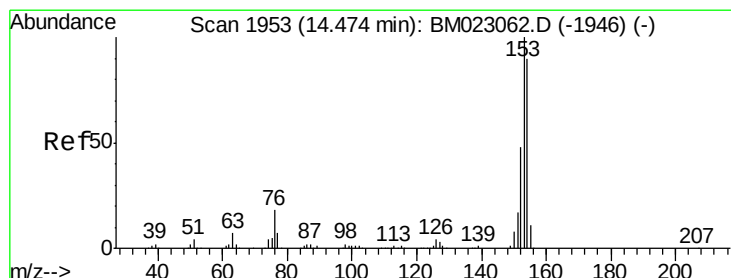
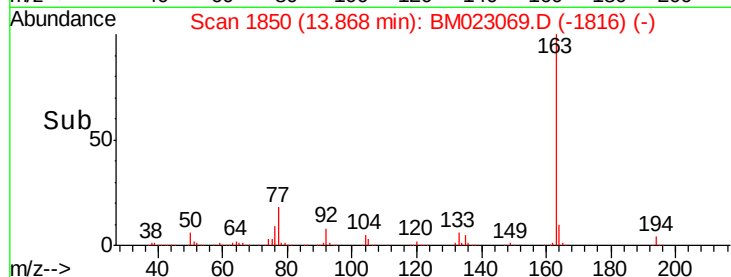
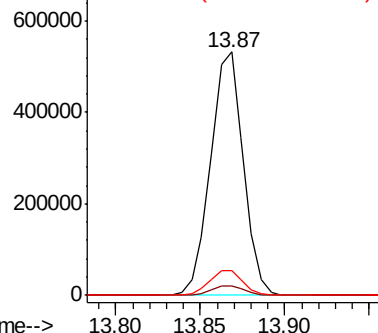


Abundance

Ion 163.00 (162.70 to 163.70): E

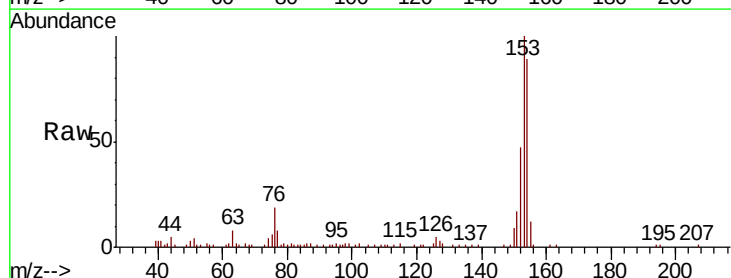
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 2.156 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM023069.D
Acq: 09 Oct 2019 05:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.1	57.1
154	88.6	71.1	106.7

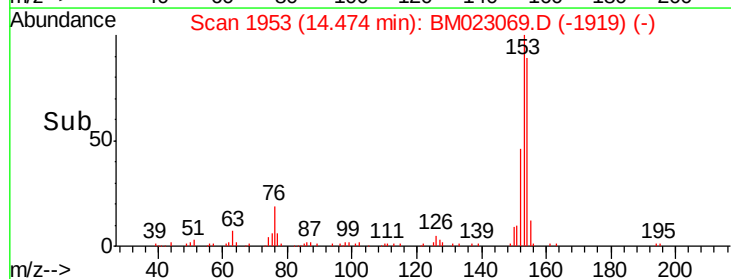
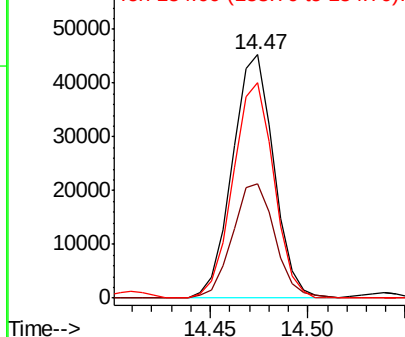


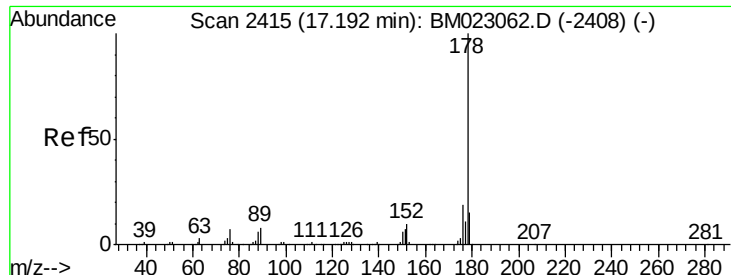
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#70
 Phenanthrene
 Concen: 1.455 ng/ul
 RT: 17.19 min Scan# 2415
 Delta R.T. -0.00 min
 Lab File: BM023069.D
 Acq: 09 Oct 2019 05:59

Instrument :
 BNA_M
 ClientSampleId :
 BFDK6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.7	15.3	22.9

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