

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017112.D
 Acq On : 11 Oct 2018 00:11
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual Integrations
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Quant Time: Oct 11 05:45:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 11 04:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	315794	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1459483	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	825620	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1701628	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1323988	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1327934	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	17715	2.79	ng/uL	0.00
5) Phenol-d5	6.87	99	552198	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	332151	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	481491	21.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	480600	23.23	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	247102	23.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	271739	25.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	513706	23.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	417503	15.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1509752	23.05	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1944417	23.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	199840	16.15	ng/ul	0.00
58) Fluorene-d10	15.33	176	1350622	23.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	182975	18.23	ng/ul	0.00
71) Anthracene-d10	17.18	188	1894977	23.32	ng/ul	0.00
79) Pyrene-d10	19.48	212	1681630	28.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1586337	23.33	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.89	94	63708	2.412 ng/ul	96
16) 4-Methylphenol	8.46	108	28042	1.316 ng/ul	96
24) 2,4-Dimethylphenol	9.65	107	42900	1.725 ng/ul	98
28) Naphthalene	10.52	128	209674	2.796 ng/ul	98
34) 2-Methylnaphthalene	12.13	142	437154	8.255 ng/ul	100
45) Dimethylphthalate	13.80	163	414313	6.387 ng/ul#	90
54) Dibenzofuran	14.73	168	207132	2.574 ng/ul	98
59) Fluorene	15.39	166	276064	4.208 ng/ul#	96
70) Phenanthrene	17.12	178	498700	5.227 ng/ul	96
72) Anthracene	17.22	178	176564m	1.821 ng/ul	
77) Fluoranthene	19.14	202	156304	1.414 ng/ul#	93
80) Pyrene	19.51	202	246441	3.213 ng/ul	99

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

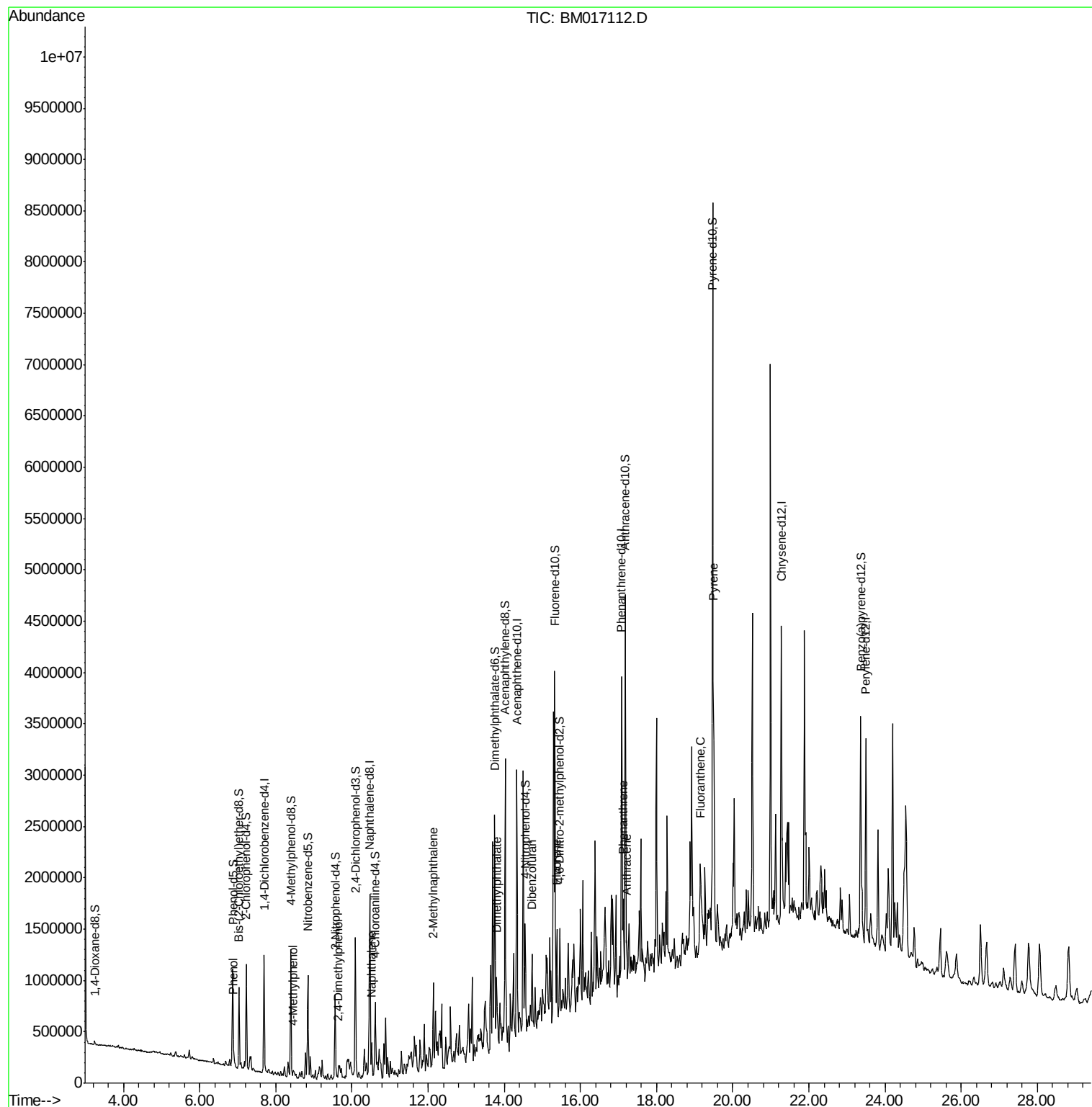
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017112.D
Acq On : 11 Oct 2018 00:11
Operator : MJ/SJ
Sample : J5234-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

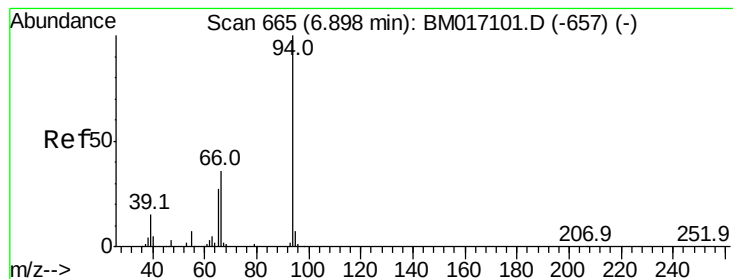
Instrument :
BNA_M
ClientSampleId :
C0AJ9

Quant Time: Oct 11 05:45:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:38:36 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 2.412 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017112.D

Acq: 11 Oct 2018 00:11

Instrument :

BNA_M

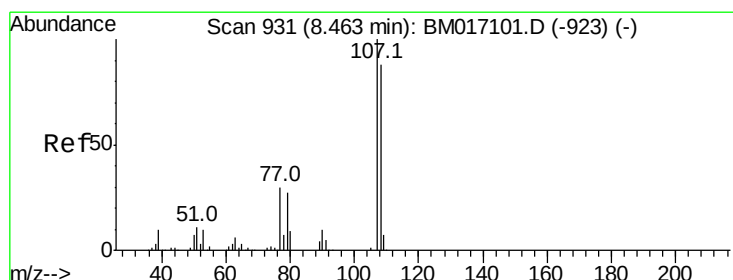
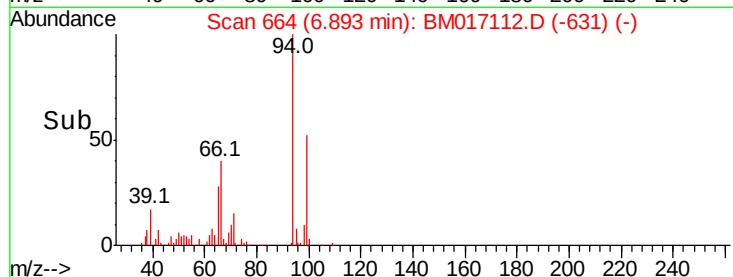
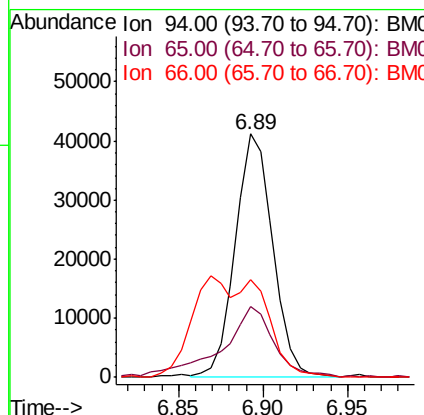
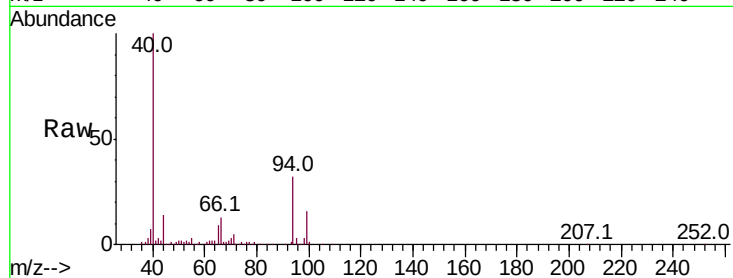
ClientSampled :

C0AJ9

Tot Ion:	94	Resp:	63708
Ion	Ratio	Lower	Upper
94	100		
65	29.3	22.8	34.2
66	40.3	29.5	44.3

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#16

4-Methylphenol

Concen: 1.316 ng/ul

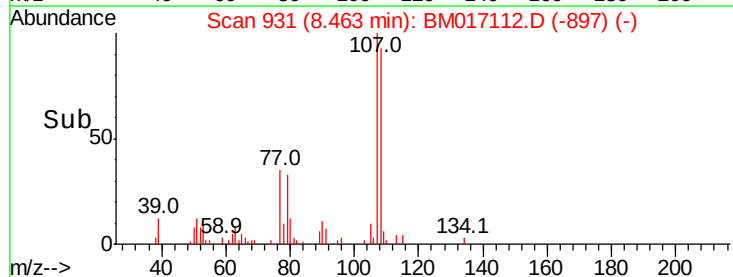
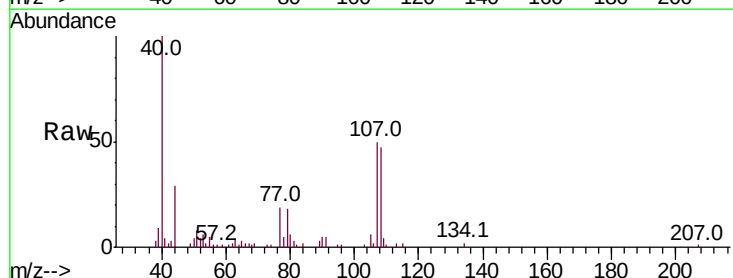
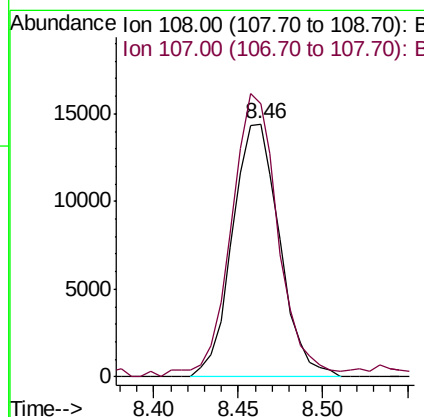
RT: 8.46 min Scan# 931

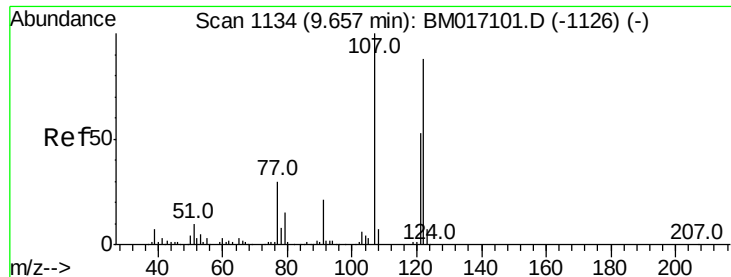
Delta R.T. 0.00 min

Lab File: BM017112.D

Acq: 11 Oct 2018 00:11

Tgt Ion:	108	Resp:	28042
Ion	Ratio	Lower	Upper
108	100		
107	107.8	89.8	134.8





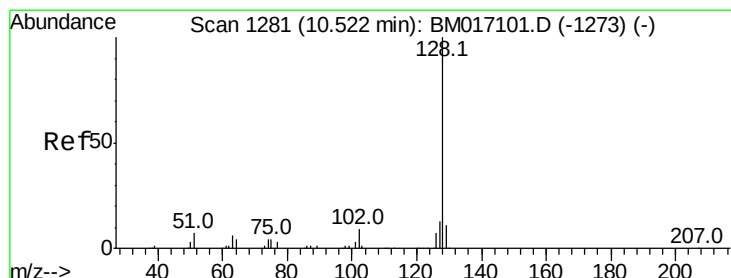
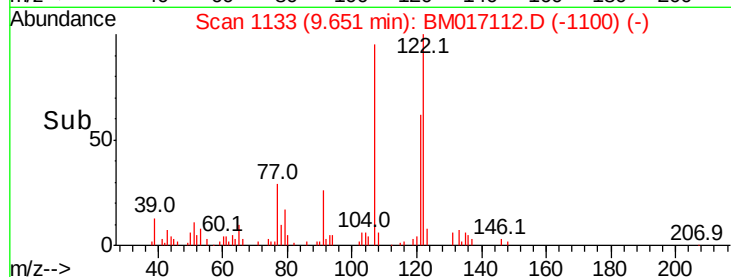
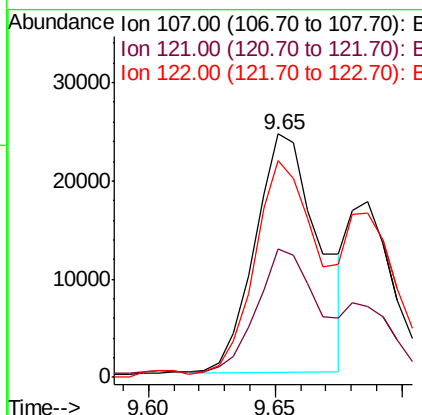
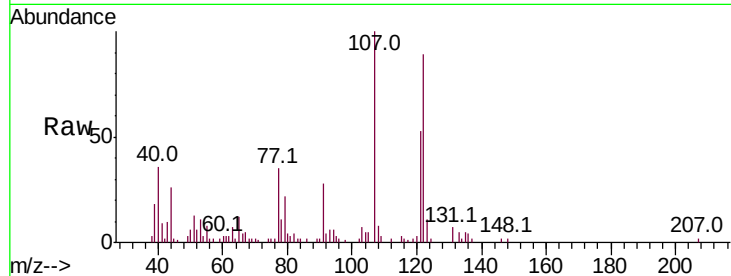
#24
2,4-Dimethylphenol
Concen: 1.725 ng/ul
RT: 9.65 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Instrument :
BNA_M
ClientSampled :
C0AJ9

Tot Ion	Ratio	Lower	Upper
107	100		
121	52.9	42.2	63.2
122	89.1	69.4	104.0

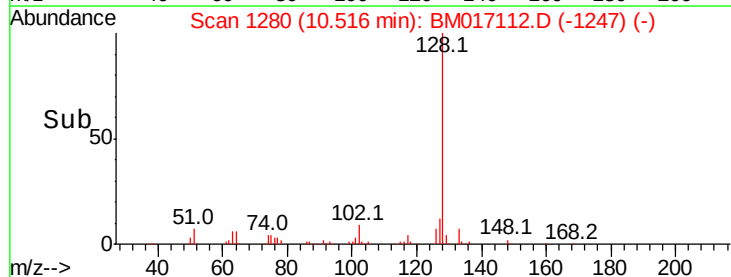
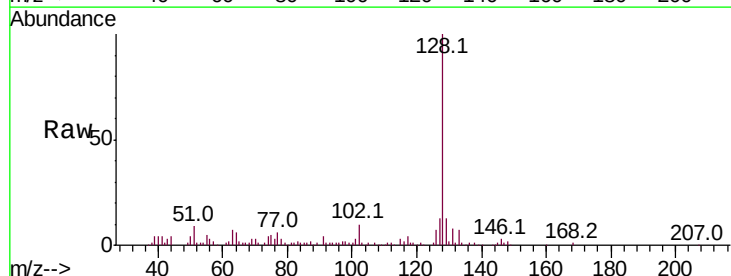
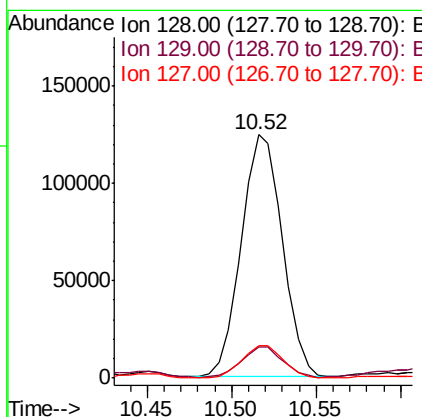
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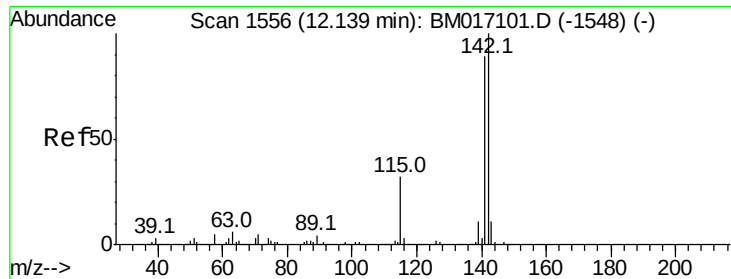
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#28
Naphthalene
Concen: 2.796 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.7	13.1
127	13.1	10.5	15.7





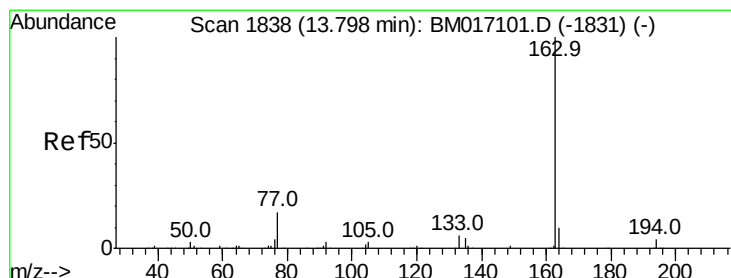
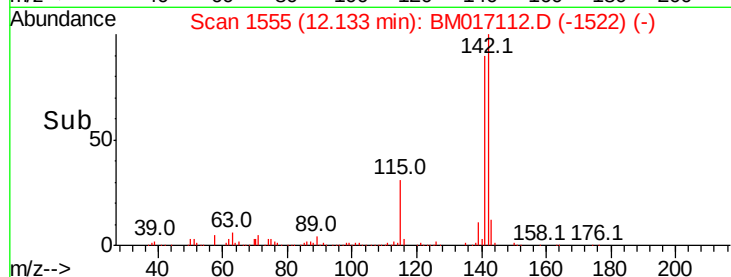
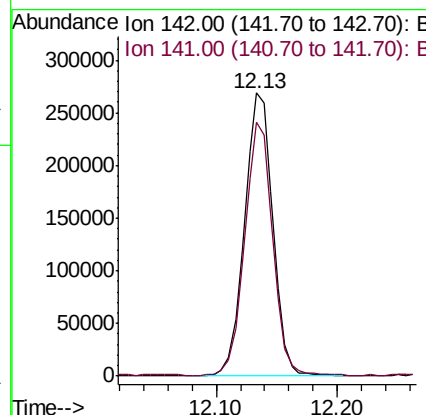
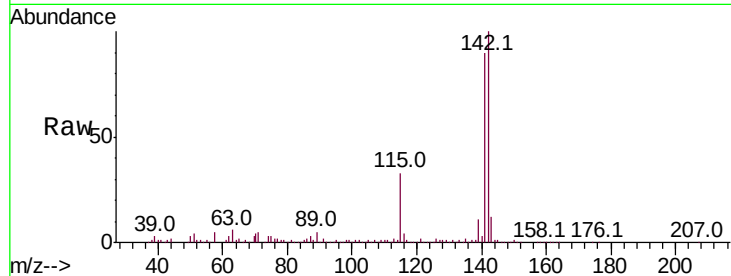
#34
2-Methylnaphthalene
Concen: 8.255 ng/ul
RT: 12.13 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.5	107.3

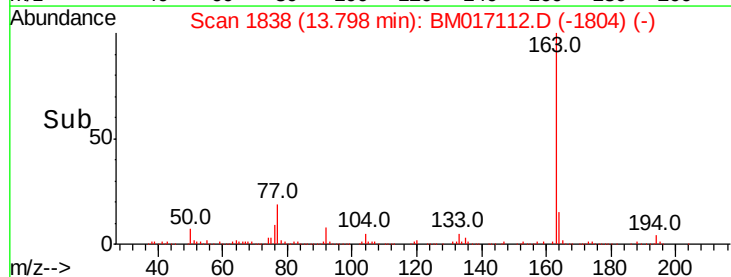
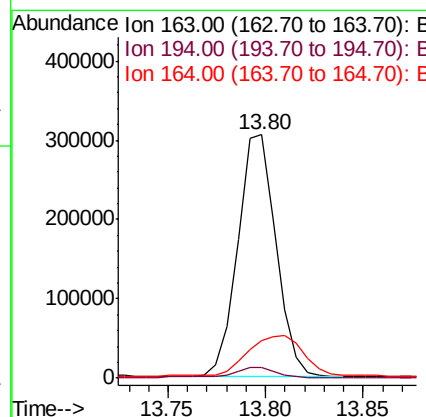
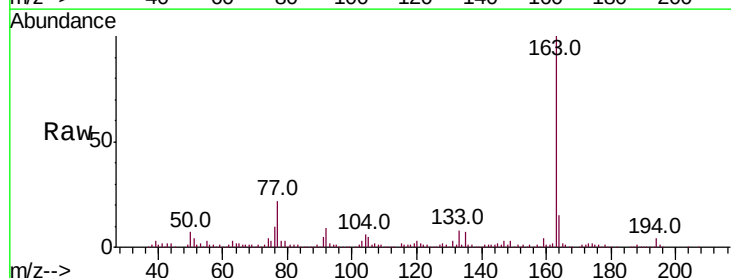
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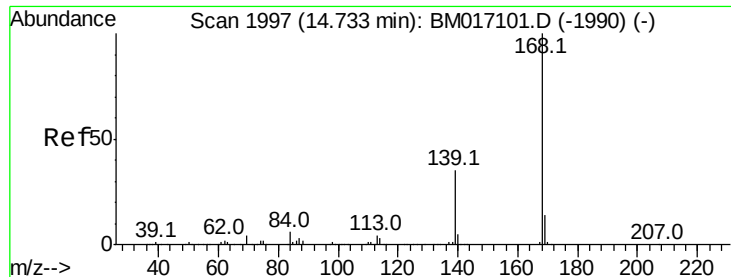
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#45
Dimethylphthalate
Concen: 6.387 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	15.2	8.0	12.0#





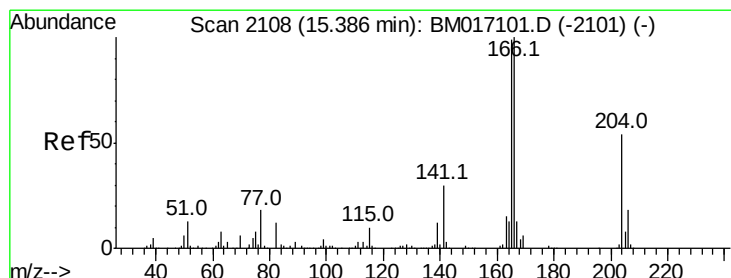
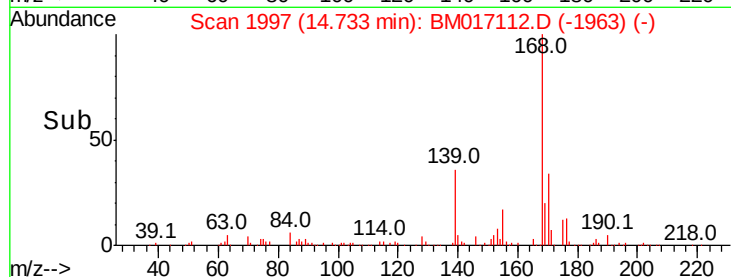
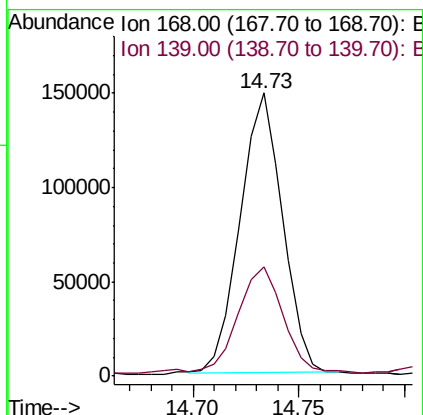
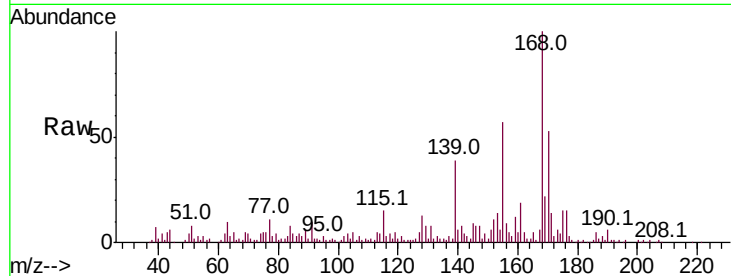
#54
Dibenzofuran
Concen: 2.574 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Instrument :
BNA_M
ClientSampled :
C0AJ9

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	29.8	44.6

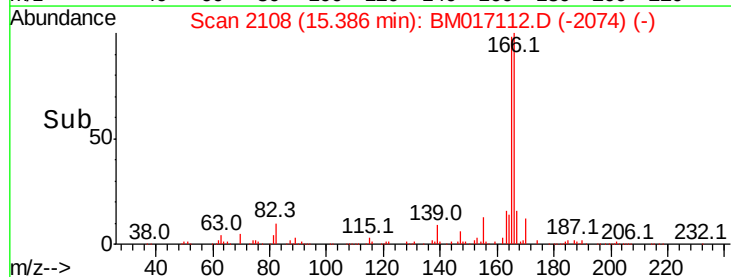
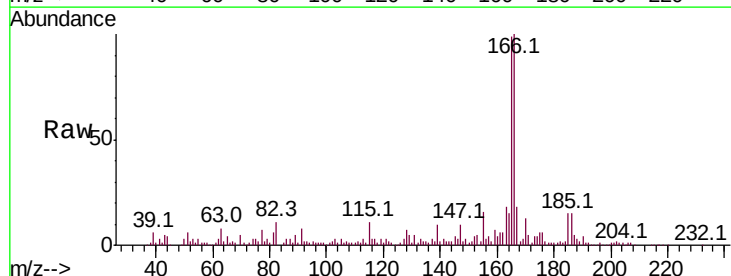
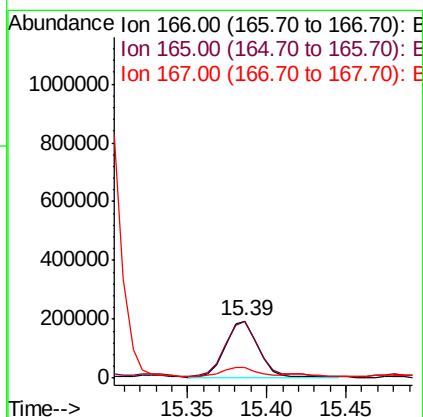
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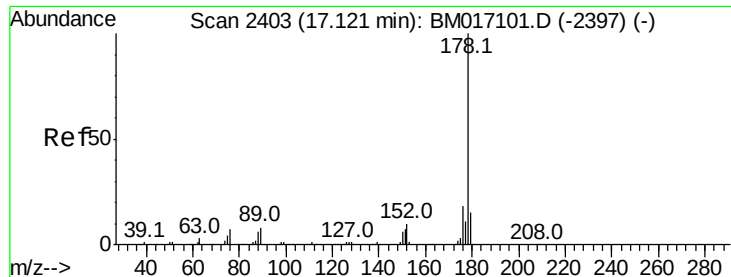
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#59
Fluorene
Concen: 4.208 ng/ul
RT: 15.39 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.3	115.9
167	17.6	10.7	16.1#





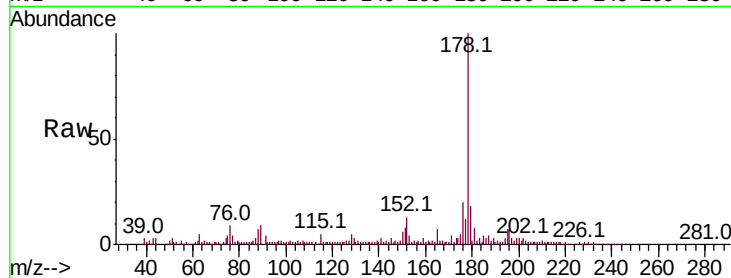
#70
Phenanthrene
Concen: 5.227 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

Instrument :
BNA_M
ClientSampleId :
C0AJ9

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.2	18.2
176	19.7	15.0	22.4

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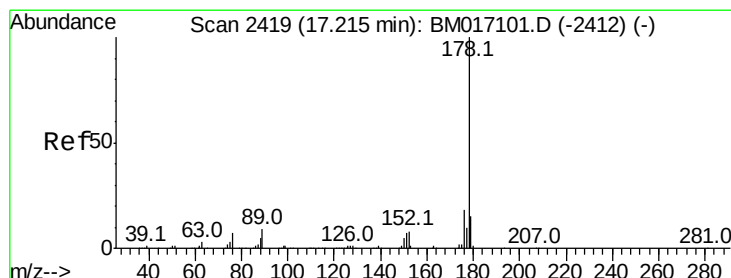
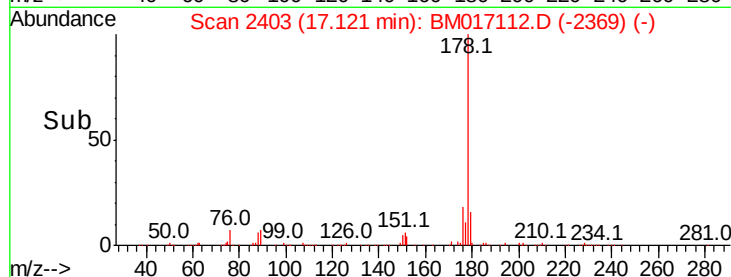
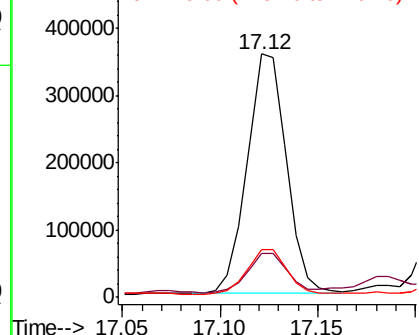


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72
Anthracene
Concen: 1.821 ng/ul m
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM017112.D
Acq: 11 Oct 2018 00:11

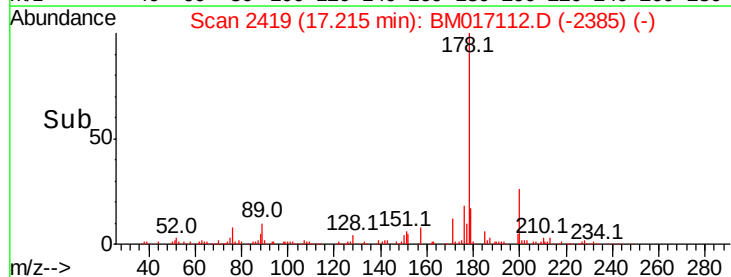
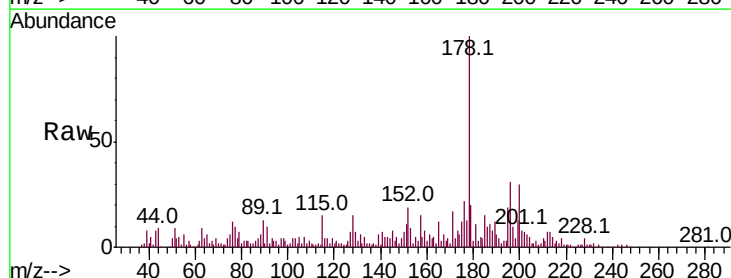
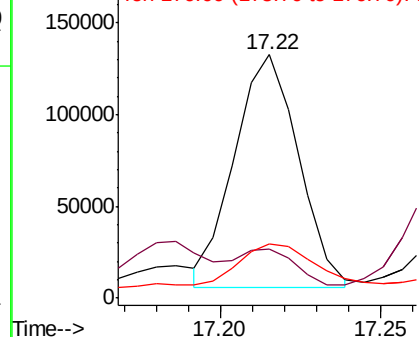
Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.2	18.4#
176	22.5	14.6	22.0#

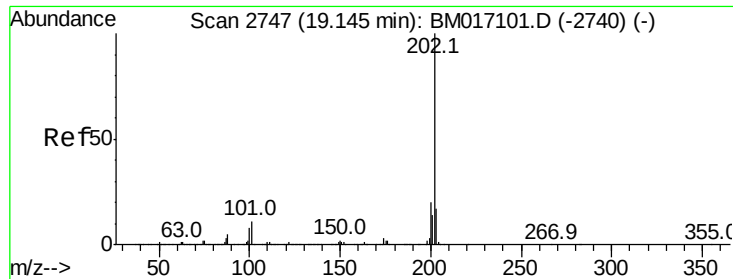
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 1.414 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BM017112.D

Acq: 11 Oct 2018 00:11

Instrument :

BNA_M

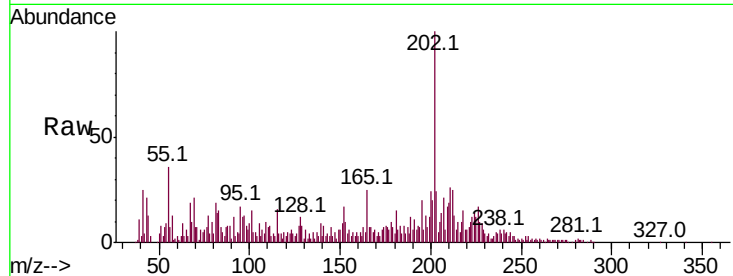
ClientSampled :

C0AJ9

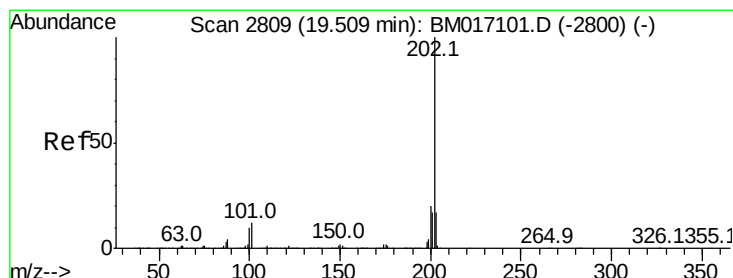
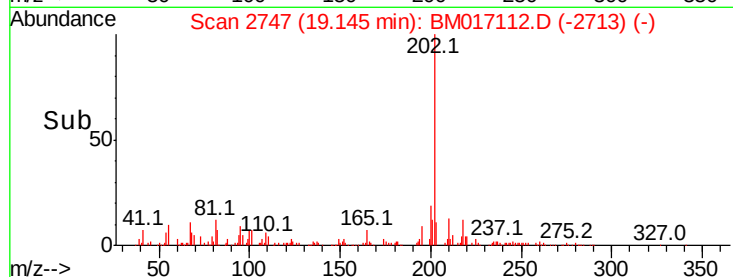
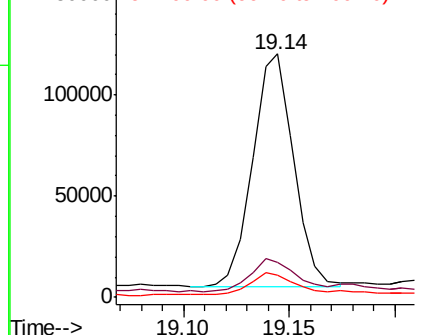
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	8.3	12.5#
100	9.2	6.6	9.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.213 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM017112.D

Acq: 11 Oct 2018 00:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	10.8	16.2
100	11.5	8.9	13.3

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

