

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013917.D
 Acq On : 28 Jan 2018 12:05
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:51 PM

Quant Time: Jan 29 04:12:27 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	135625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	517543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	288313	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	622959	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	654770	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	634577	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3341m	0.97	ng/uL	0.00
5) Phenol-d5	6.77	99	45663	4.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	33617	5.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	46268	5.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	40008	5.00	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	20214	5.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	21199	5.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	39951	4.87	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	48443	6.81	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	134829	5.67	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	162920	5.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	8577m	2.22	ng/ul	0.05
57) Fluorene-d10	15.23	176	113019	5.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	10073	2.69	ng/ul	0.01
70) Anthracene-d10	17.09	188	168793m	5.56	ng/ul	0.00
76) Pyrene-d10	19.39	212	183228	6.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	173748	5.96	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	176808	6.867	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	115584	6.021	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	41556	1.732	ng/ul#	84
44) Dimethylphthalate	13.70	163	52461	2.245	ng/ul#	96
49) Acenaphthene	14.30	153	177868	9.263	ng/ul	98
53) Dibenzofuran	14.64	168	169262	5.860	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	15345	2.535	ng/ul#	86
58) Fluorene	15.29	166	132617	5.605	ng/ul	91
68) Pentachlorophenol	16.64	266	175067	41.597	ng/ul	99
69) Phenanthrene	17.03	178	554071	16.001	ng/ul	99
71) Anthracene	17.12	178	75769m	2.121	ng/ul	
72) Carbazole	17.40	167	47159	1.600	ng/ul	97
74) Fluoranthene	19.06	202	292643	7.080	ng/ul	98
77) Pyrene	19.42	202	200493	5.037	ng/ul#	94

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

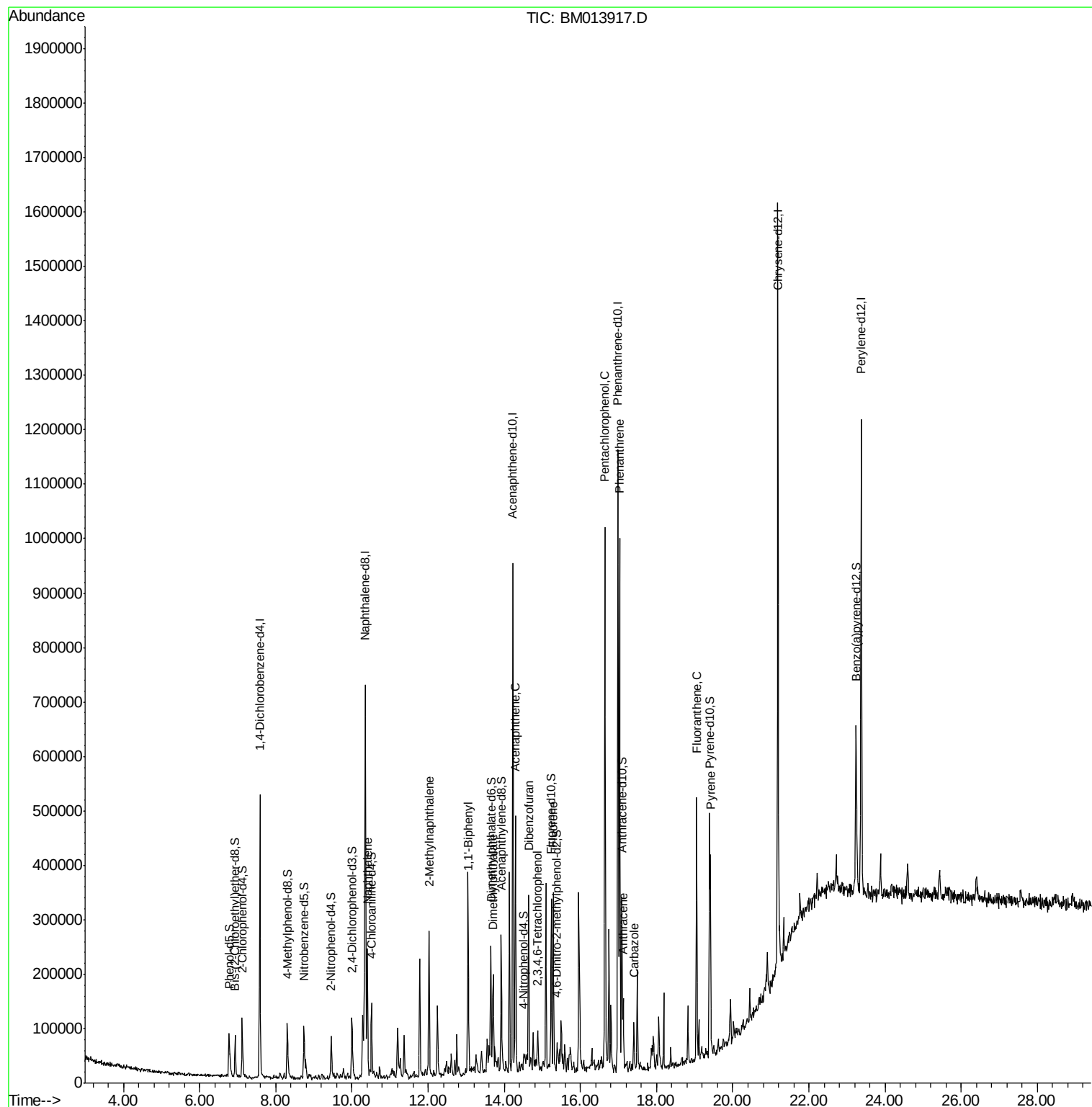
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013917.D
Acq On : 28 Jan 2018 12:05
Operator : SJ/JU
Sample : J1223-11DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

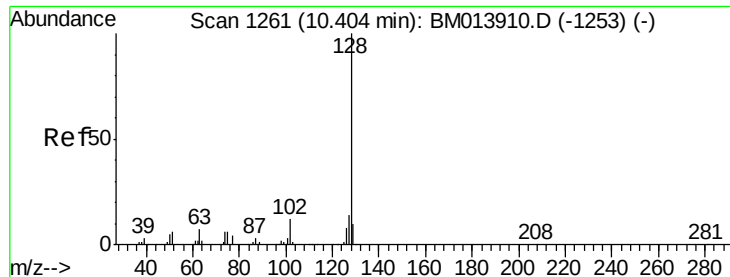
Instrument :
BNA_M
ClientSampleId :
F6A77DL

Manual Integrations
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Quant Time: Jan 29 04:12:27 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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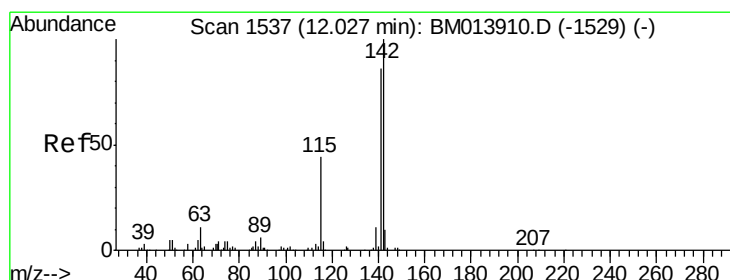
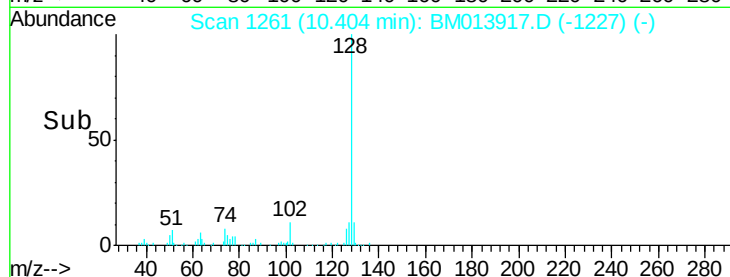
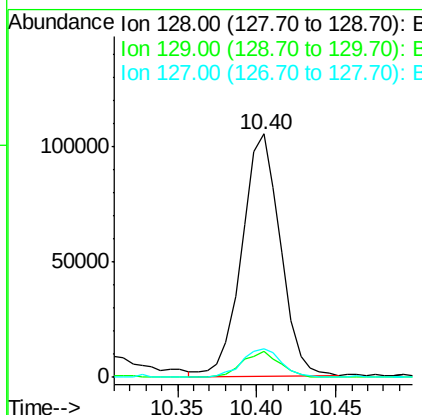
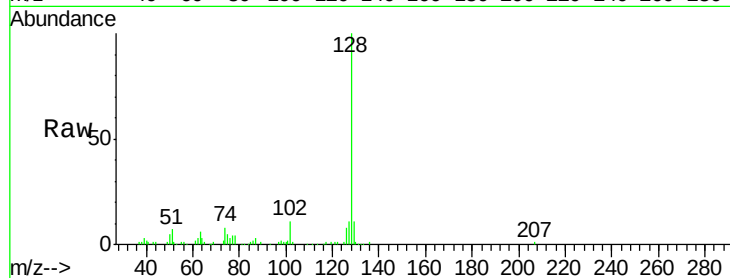
#28
Naphthalene
Concen: 6.867 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013917.D
Acq: 28 Jan 2018 12:05

Instrument :
BNA_M
ClientSampled :
F6A77DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	176808		
129	10.7		8.8	13.2
127	11.5		10.6	16.0

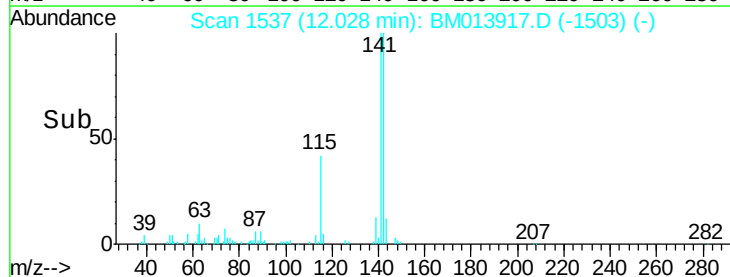
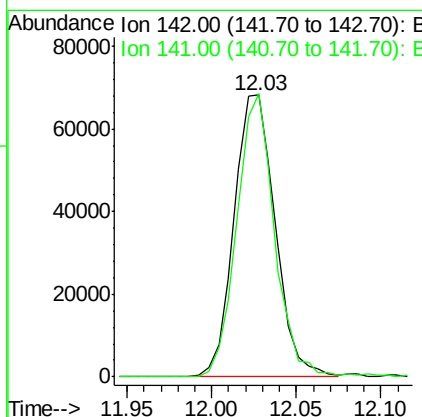
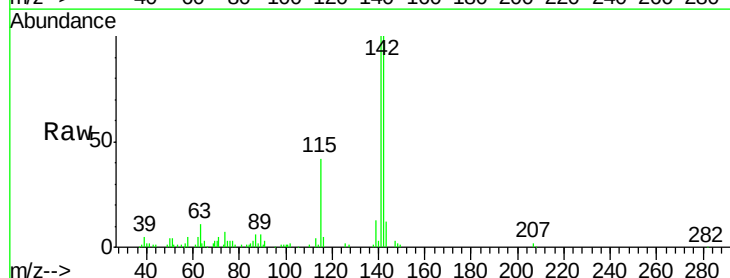
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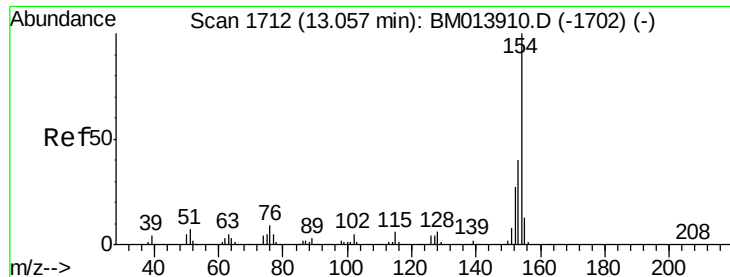
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#34
2-Methylnaphthalene
Concen: 6.021 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BM013917.D
Acq: 28 Jan 2018 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	115584		
141	100.4		74.1	111.1





#40

1,1'-Biphenyl

Concen: 1.732 ng/ul

RT: 13.06 min Scan# 1713

Delta R.T. 0.01 min

Lab File: BM013917.D

Acq: 28 Jan 2018 12:05

Instrument :

BNA_M

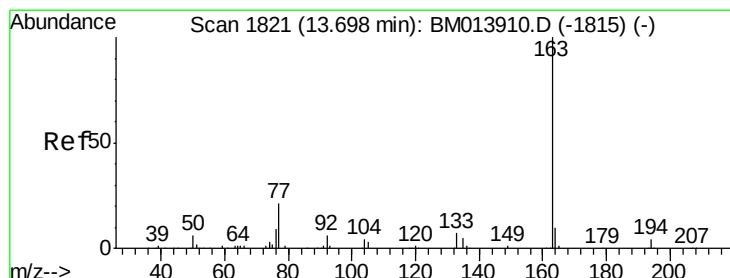
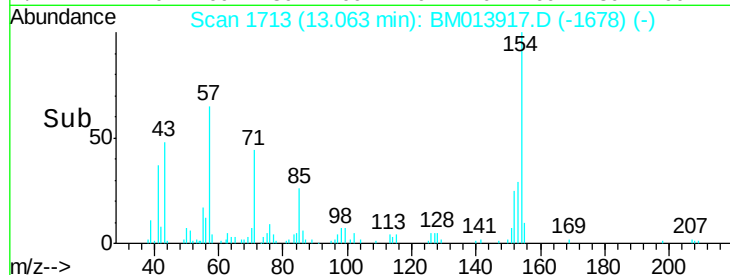
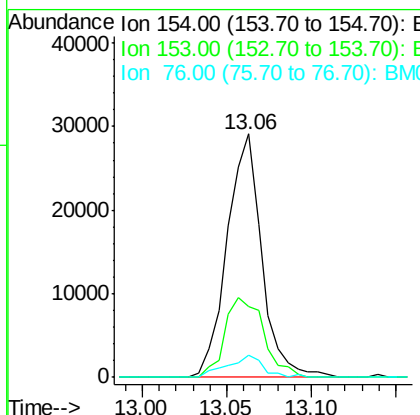
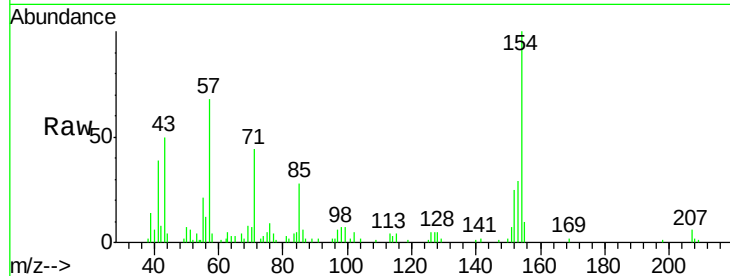
ClientSampleId :

F6A77DL

Tot Ion:	154	Resp:	41556
Ion Ratio		Lower	Upper
154	100		
153	29.1	32.6	48.8#
76	8.9	8.5	12.7

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#44

Dimethylphthalate

Concen: 2.245 ng/ul

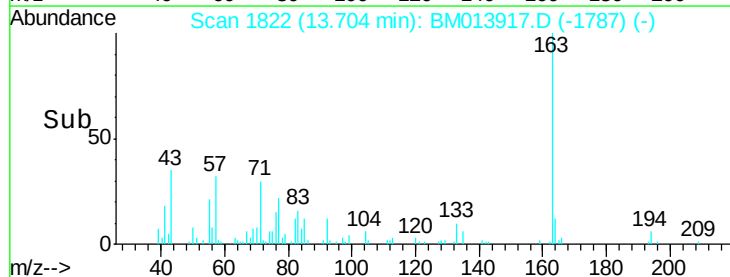
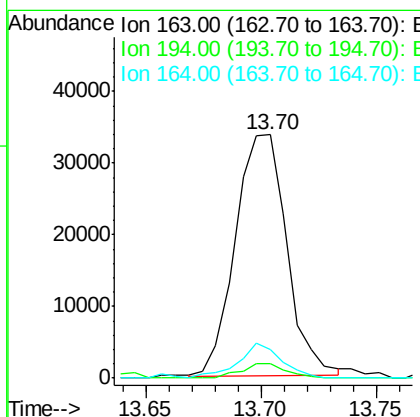
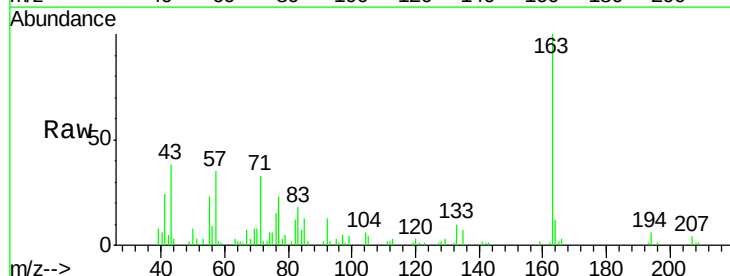
RT: 13.70 min Scan# 1822

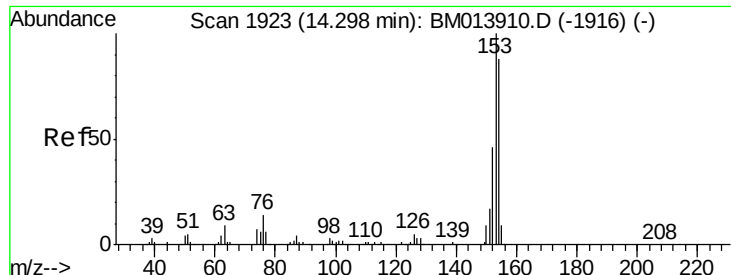
Delta R.T. 0.01 min

Lab File: BM013917.D

Acq: 28 Jan 2018 12:05

Tgt Ion:	163	Resp:	52461
Ion Ratio		Lower	Upper
163	100		
194	6.0	3.5	5.3#
164	11.6	8.2	12.4





#49

Acenaphthene

Concen: 9.263 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM013917.D

Acq: 28 Jan 2018 12:05

Instrument :

BNA_M

ClientSampleId :

F6A77DL

Tot Ion:153 Resp: 177868

Ion Ratio Lower Upper

153 100

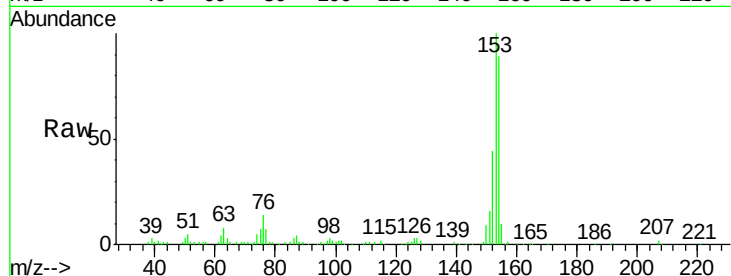
152 44.4 37.6 56.4

154 88.8 70.4 105.6

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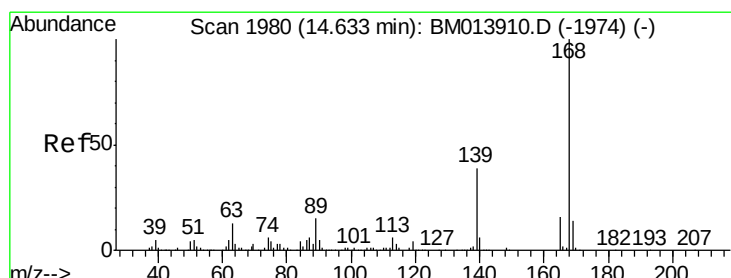
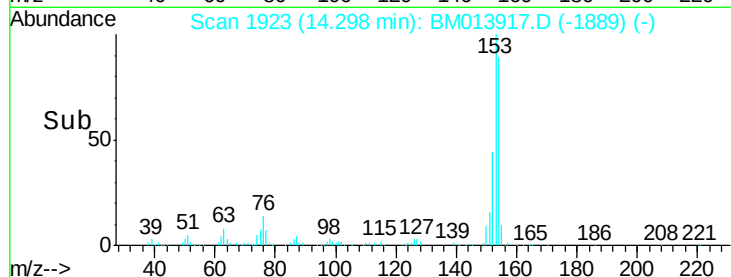
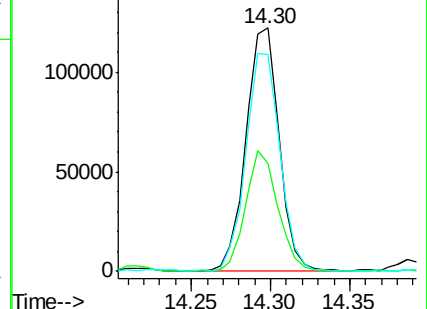
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 5.860 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.01 min

Lab File: BM013917.D

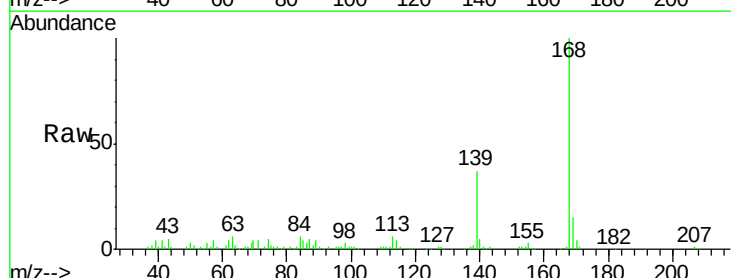
Acq: 28 Jan 2018 12:05

Tgt Ion:168 Resp: 169262

Ion Ratio Lower Upper

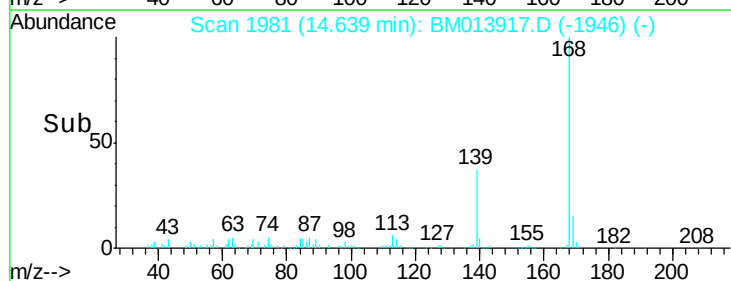
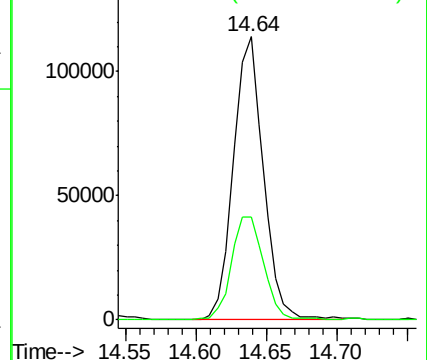
168 100

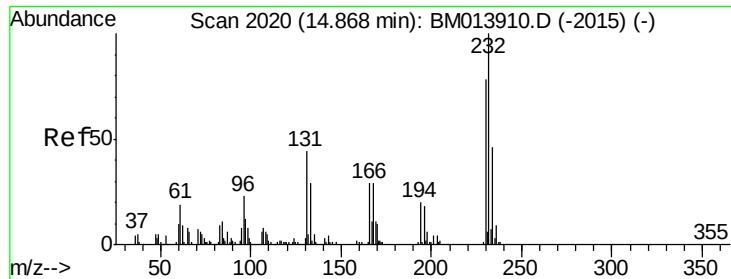
139 36.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





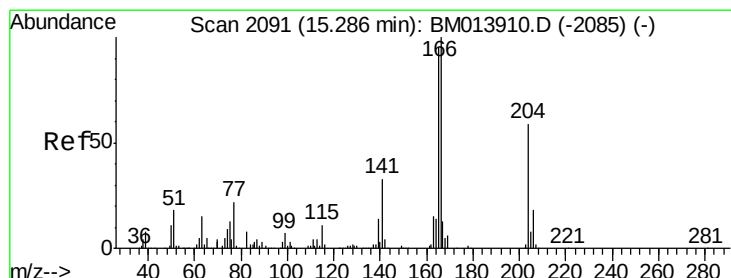
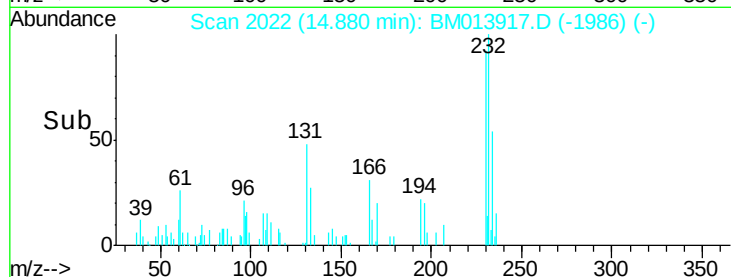
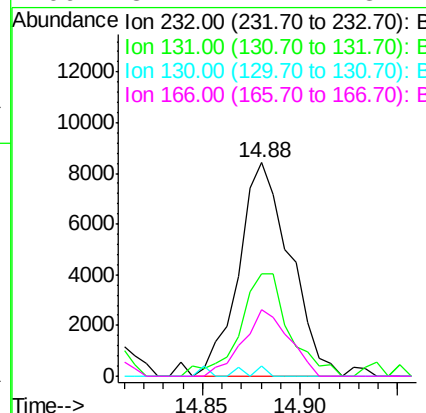
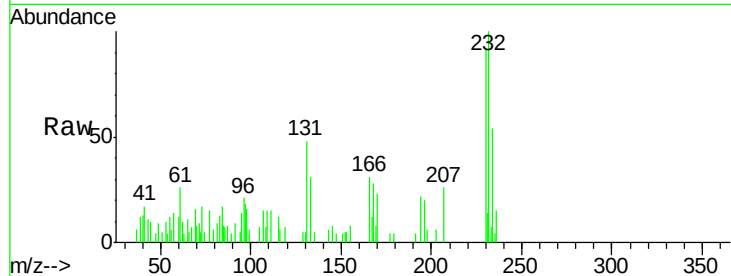
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.535 ng/ul
 RT: 14.88 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	29.0	43.4#
130	4.8	2.0	3.0#
166	31.1	21.4	32.2

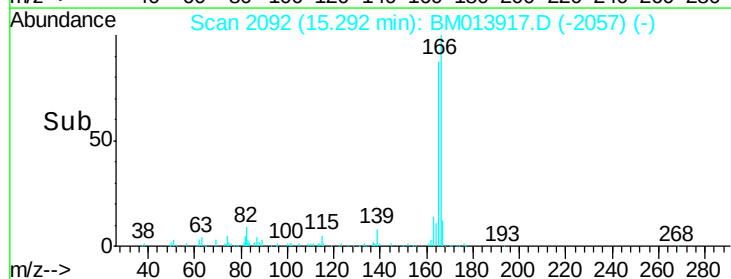
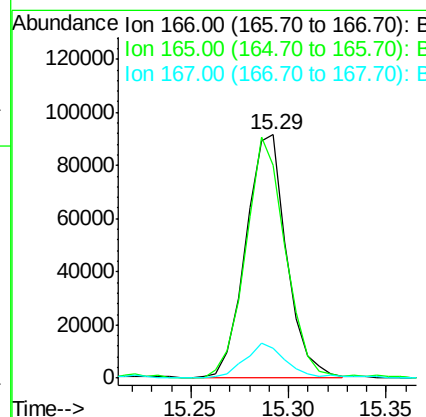
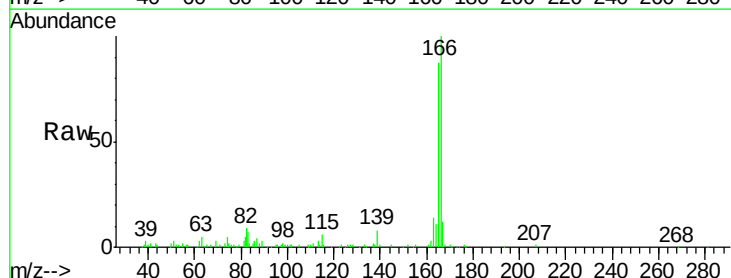
Manual Integrations
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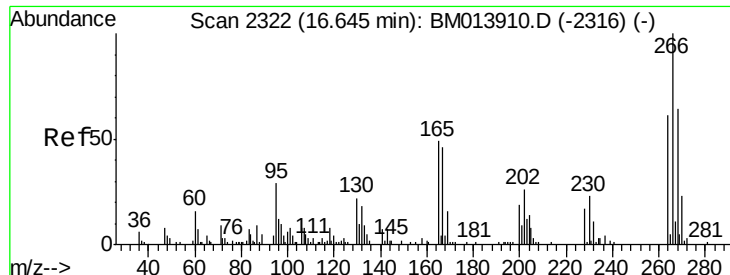
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#58
 Fluorene
 Concen: 5.605 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	87.4	77.9	116.9
167	12.1	10.6	16.0





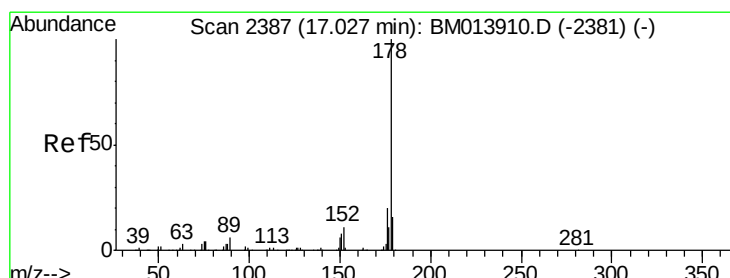
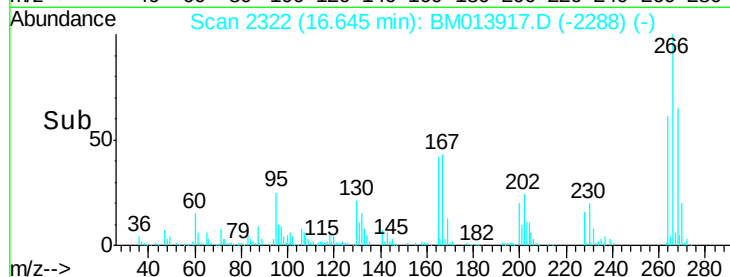
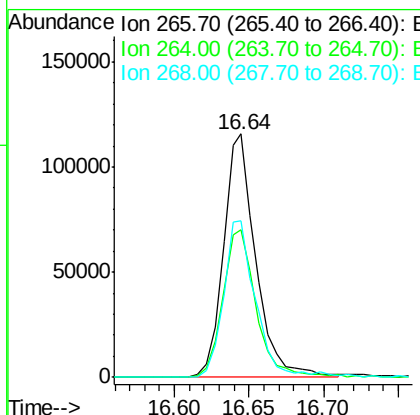
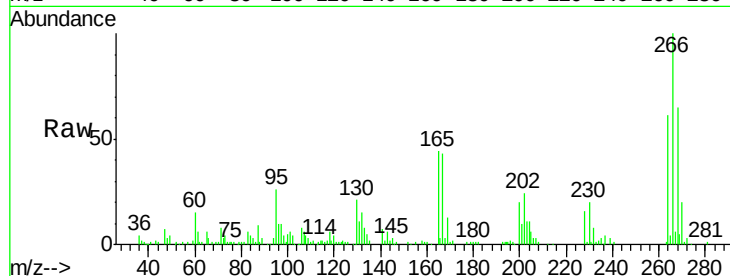
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 Pentachlorophenol
 Concen: 41.597 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.3	73.9
268	64.5	52.6	78.8

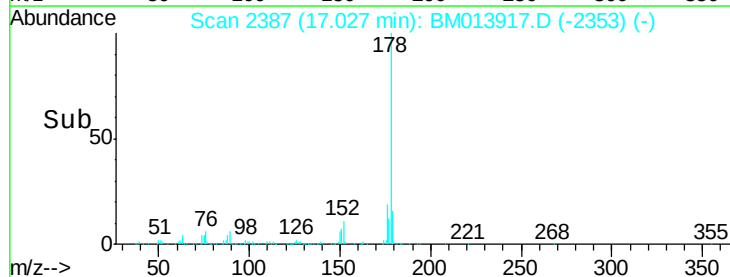
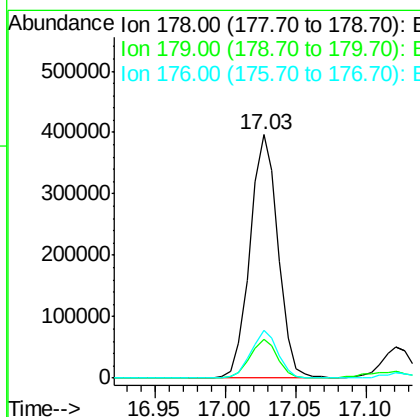
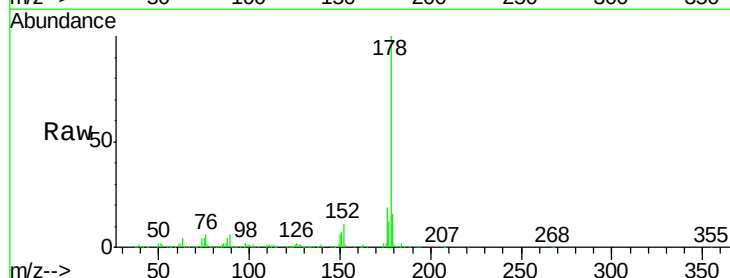
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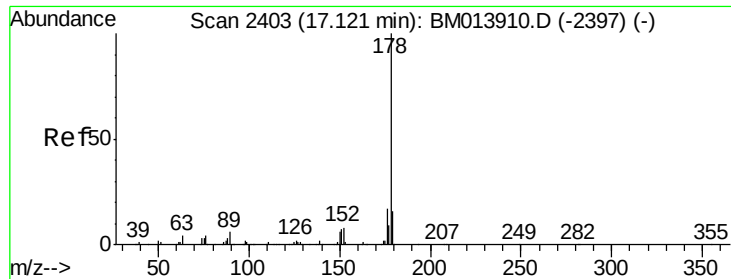
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#69
 Phenanthrene
 Concen: 16.001 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.4	14.9	22.3





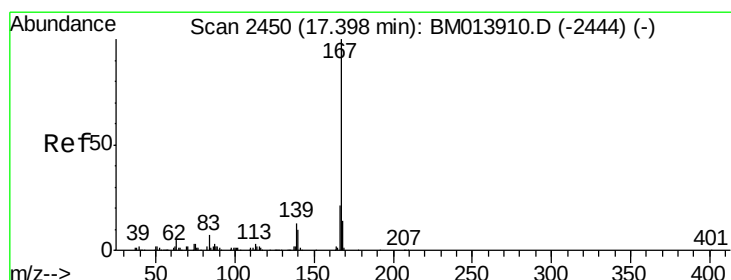
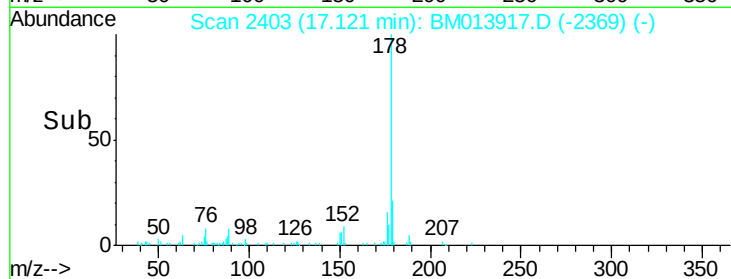
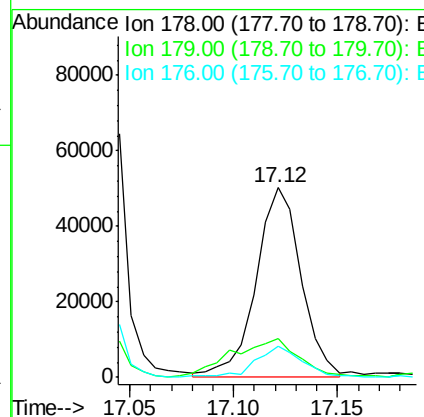
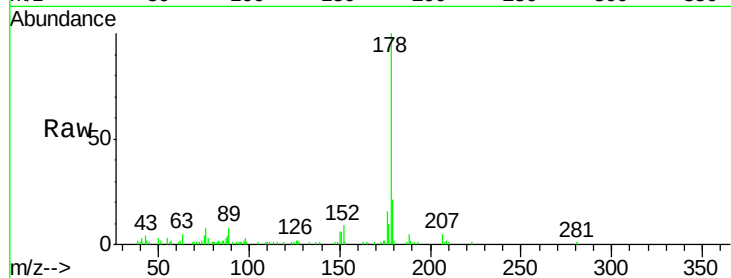
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 Anthracene
 Concen: 2.121 ng/ul m
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.8	11.7	17.5#
176	16.2	14.6	21.8

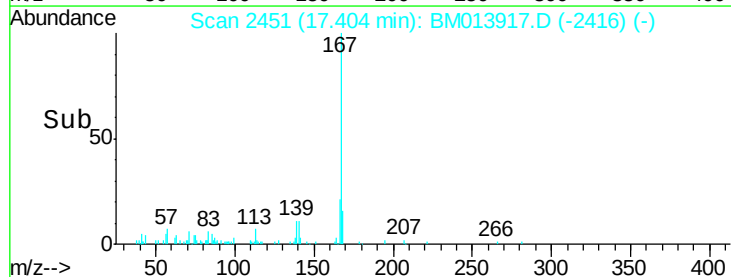
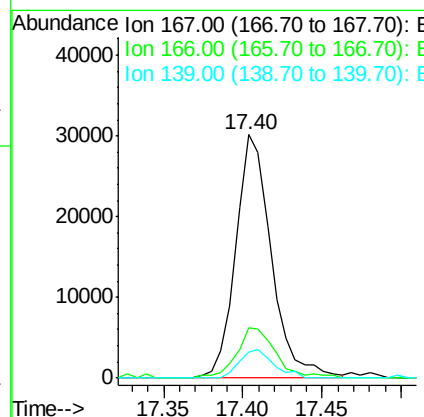
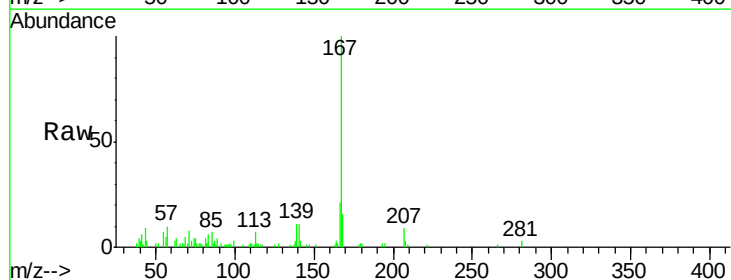
Manual Integrations
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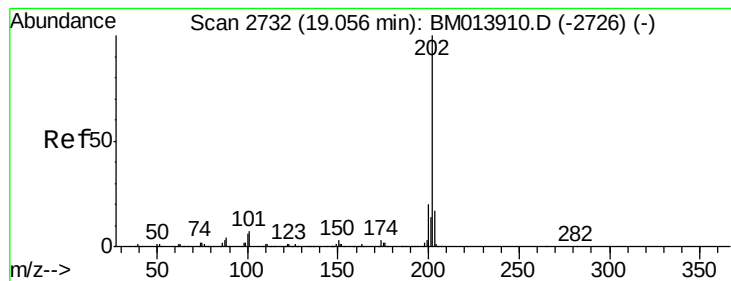
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#72
 Carbazole
 Concen: 1.600 ng/ul
 RT: 17.40 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.1	25.7
139	10.7	10.0	15.0





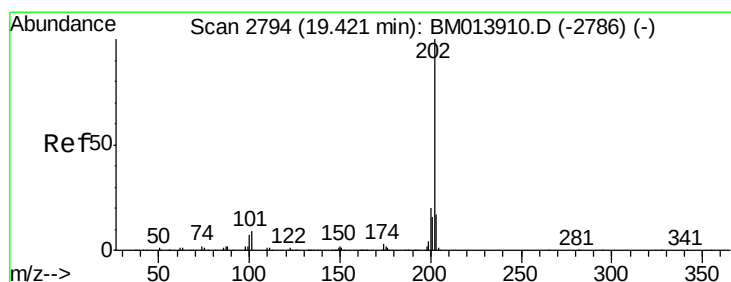
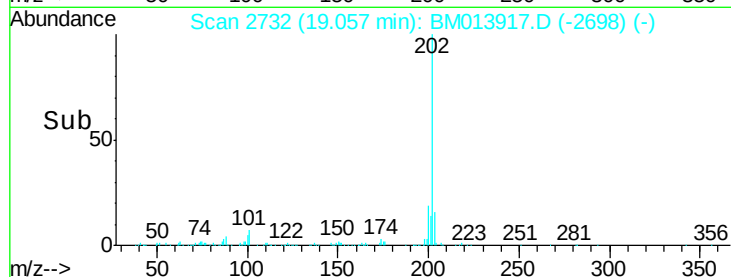
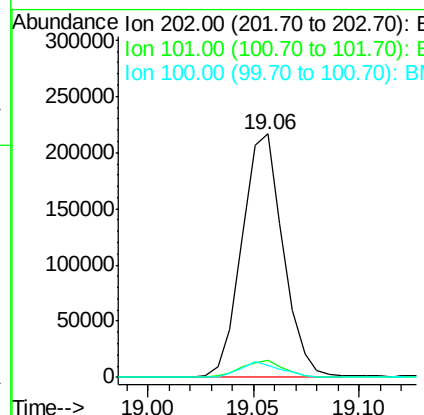
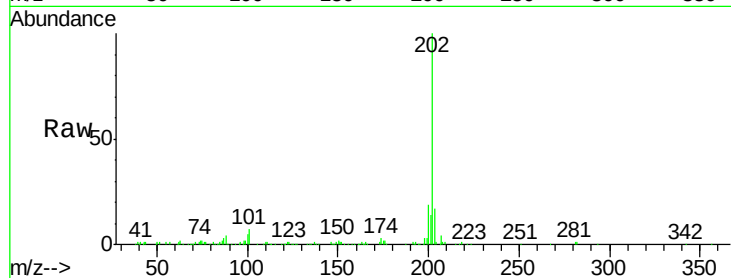
#74
 Fluoranthene
 Concen: 7.080 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Instrument :
 BNA_M
 ClientSampled :
 F6A77DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		292643		
101	6.9	4.6	7.0		
100	4.7	3.4	5.2		

Manual Integrations
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#77
 Pyrene
 Concen: 5.037 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BM013917.D
 Acq: 28 Jan 2018 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		200493		
101	9.1	5.1	7.7#		
100	4.5	4.9	7.3#		

