

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
 Data File : BM013914.D
 Acq On : 28 Jan 2018 09:03
 Operator : SJ/JU
 Sample : J1244-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B52

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:46 PM

Quant Time: Jan 29 03:26:18 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	7.58	152	161454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	636118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	377606	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	819382	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	866586	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	824087	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	14554m	3.56	ng/uL	0.00
5) Phenol-d5	6.77	99	322898	26.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	198876	26.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	268932	26.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	278621	29.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	143662	29.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	155650	29.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	299259	29.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	316507	36.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	907428	29.16	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1151616	29.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	92759m	18.34	ng/ul	0.00
57) Fluorene-d10	15.23	176	799323	29.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	86886	17.62	ng/ul	0.00
70) Anthracene-d10	17.09	188	1171681	29.36	ng/ul	0.00
76) Pyrene-d10	19.39	212	1283842	31.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1211241	31.98	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.80	94	43938	3.534	ng/ul	87
28) Naphthalene	10.40	128	344431	10.884	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	507032	21.489	ng/ul	96
40) 1,1'-Biphenyl	13.06	154	183423	5.836	ng/ul	97
44) Dimethylphthalate	13.70	163	357623	11.687	ng/ul	100
49) Acenaphthene	14.30	153	802780	31.922	ng/ul	99
53) Dibenzofuran	14.63	168	809147	21.388	ng/ul	99
58) Fluorene	15.29	166	801971	25.878	ng/ul	100
69) Phenanthrene	17.03	178	3798792	83.405	ng/ul	99
71) Anthracene	17.12	178	422065	8.984	ng/ul	98
72) Carbazole	17.40	167	120713	3.113	ng/ul	99
74) Fluoranthene	19.06	202	2094609	38.527	ng/ul#	95
77) Pyrene	19.42	202	1352877	25.680	ng/ul	98
80) Benzo(a)anthracene	21.17	228	283581	5.416	ng/ul	98
82) Chrysene	21.22	228	236157	4.916	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	134410	2.656	ng/ul#	95
88) Benzo(a)pyrene	23.28	252	72397	1.514	ng/ul#	92

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

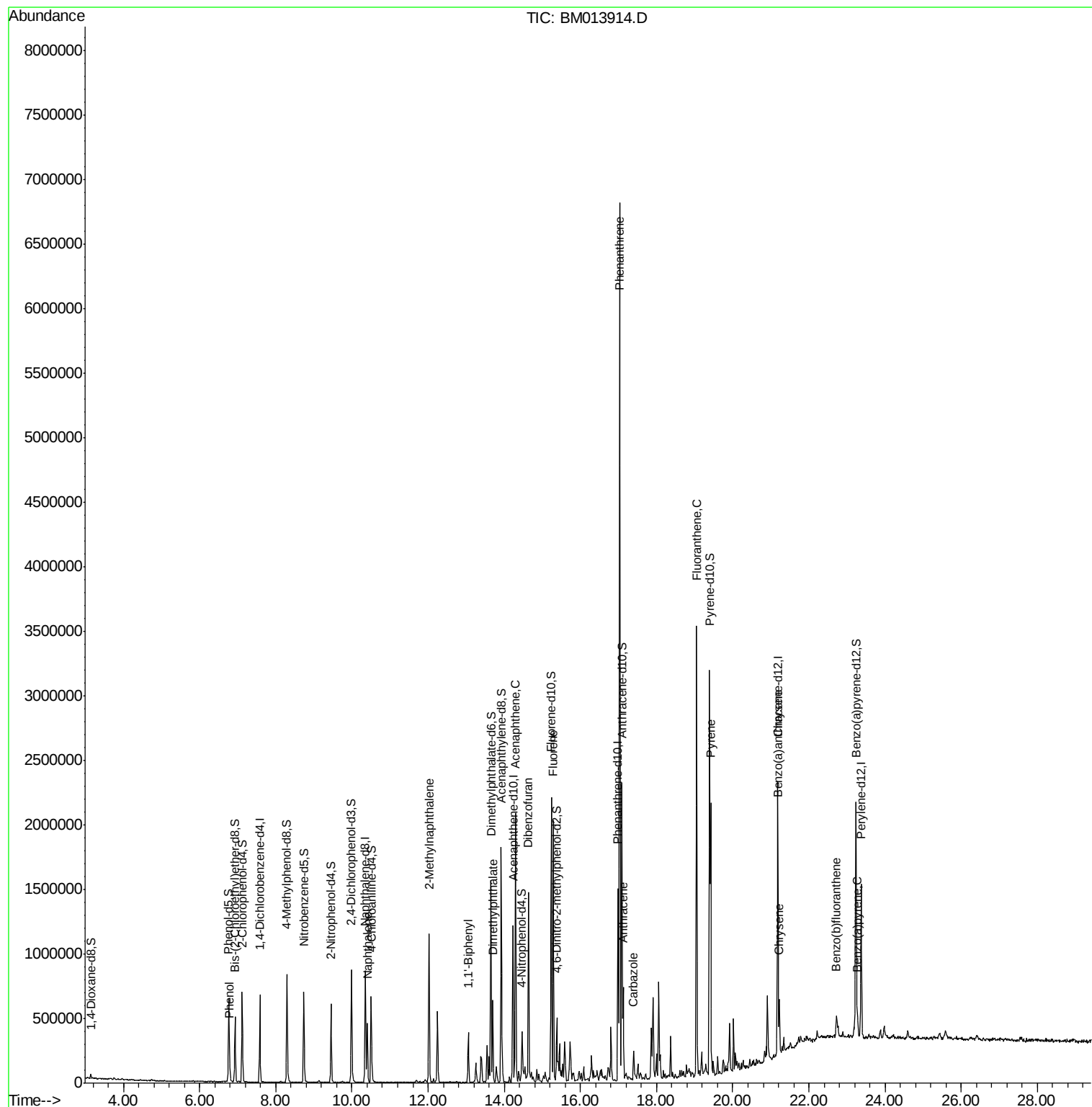
Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
Data File : BM013914.D
Acq On : 28 Jan 2018 09:03
Operator : SJ/JU
Sample : J1244-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

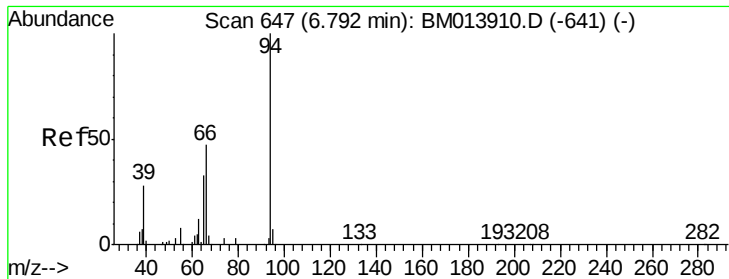
Instrument :
BNA_M
ClientSampleId :
F6B52

Manual Integrations
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Quant Time: Jan 29 03:26:18 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





#6

Phenol

Concen: 3.534 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

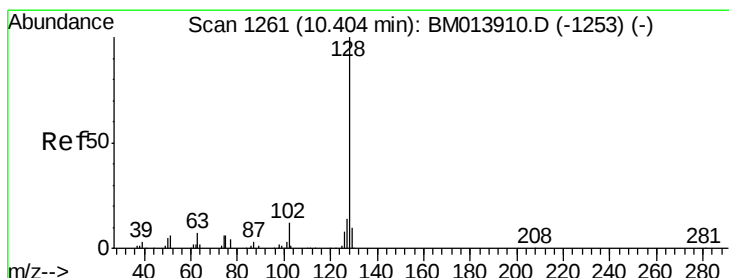
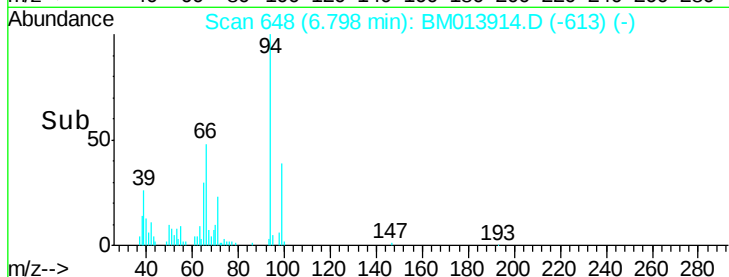
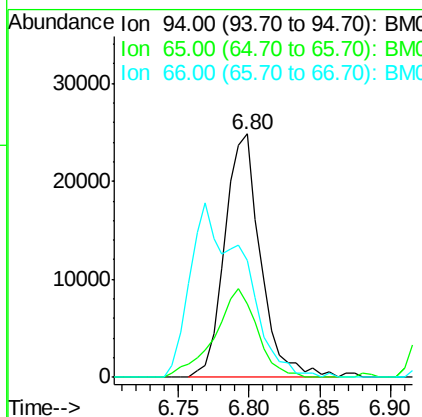
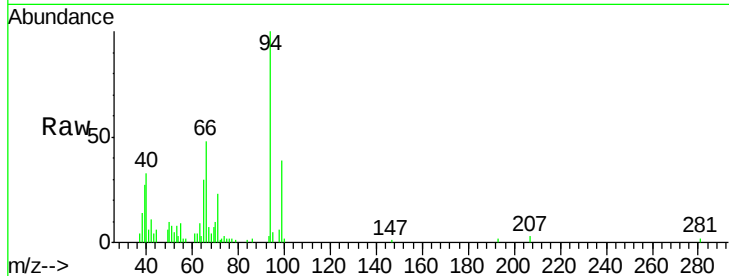
ClientSampled :

F6B52

Tot Ion:	94	Resp:	43938
Ion Ratio	Lower	Upper	
94	100		
65	30.3	28.2	42.4
66	47.9	47.2	70.8

Manual Integrations
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#28

Naphthalene

Concen: 10.884 ng/ul

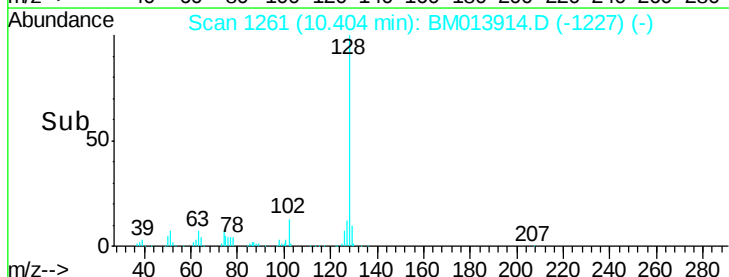
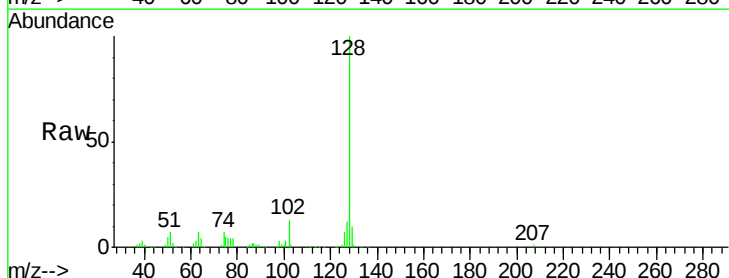
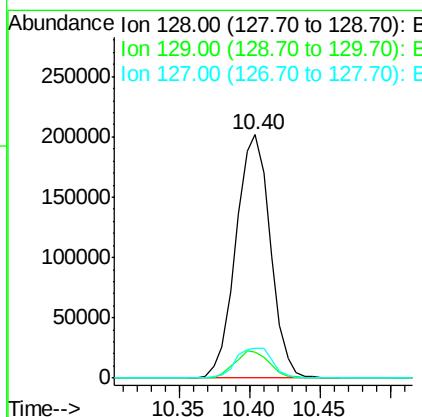
RT: 10.40 min Scan# 1261

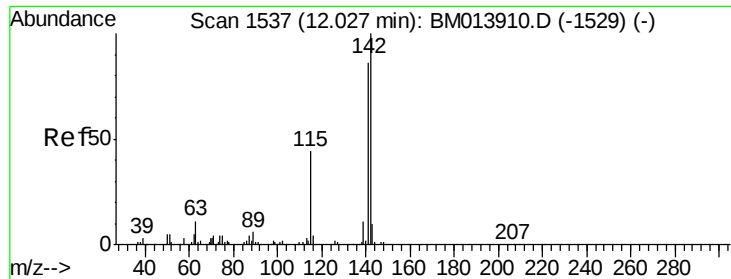
Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Tgt Ion:	128	Resp:	344431
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.8	13.2
127	12.1	10.6	16.0





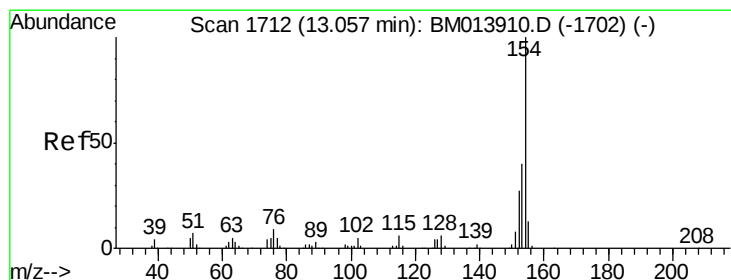
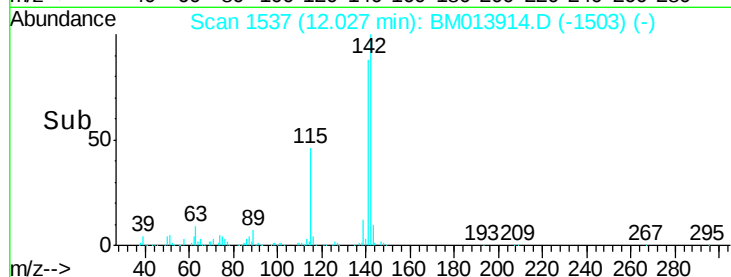
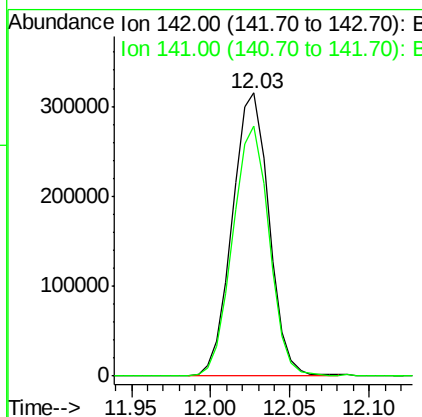
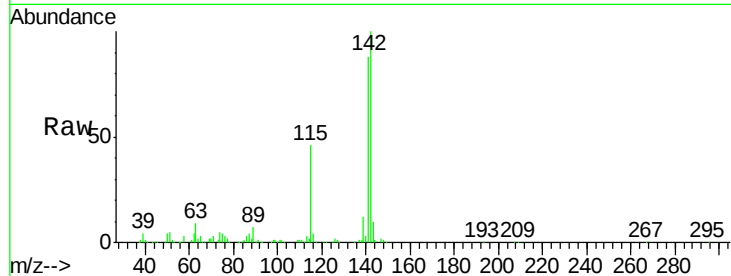
#34
2-Methylnaphthalene
Concen: 21.489 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Instrument :
BNA_M
ClientSampleId :
F6B52

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.1	111.1

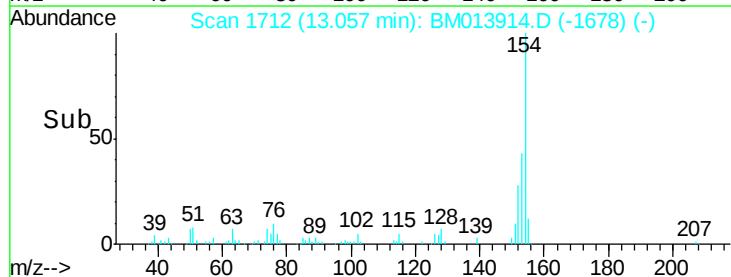
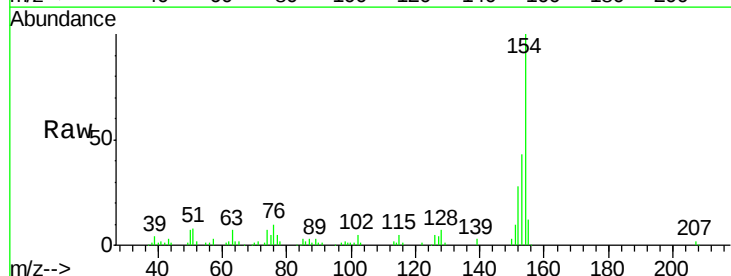
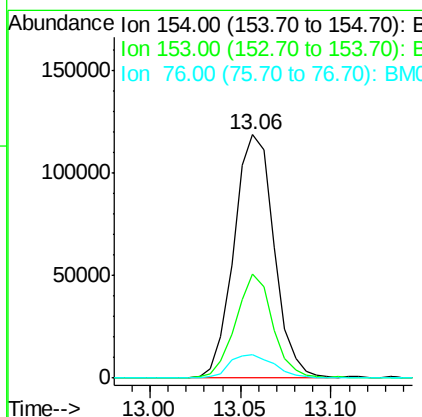
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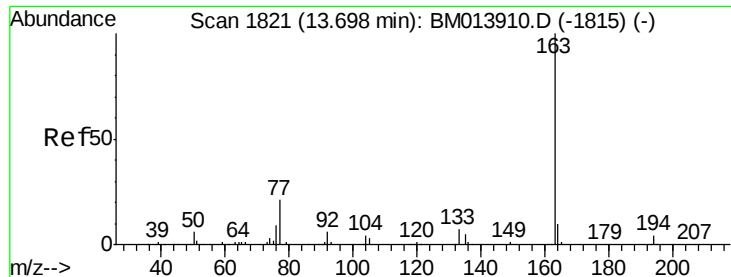
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#40
1,1'-Biphenyl
Concen: 5.836 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	32.6	48.8
76	9.9	8.5	12.7





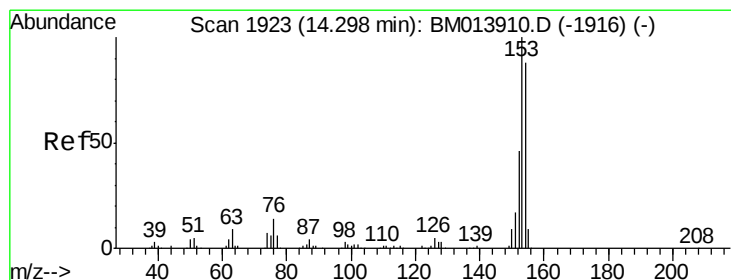
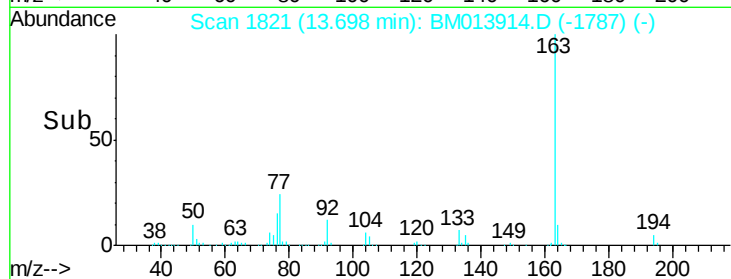
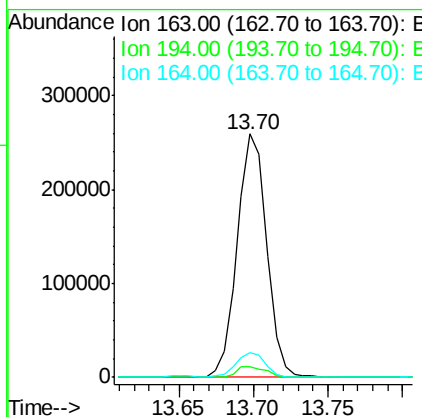
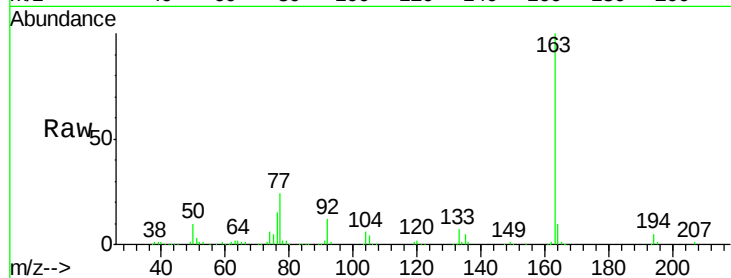
#44
Dimethylphthalate
Concen: 11.687 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Instrument :
BNA_M
ClientSampleId :
F6B52

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.2	8.2	12.4

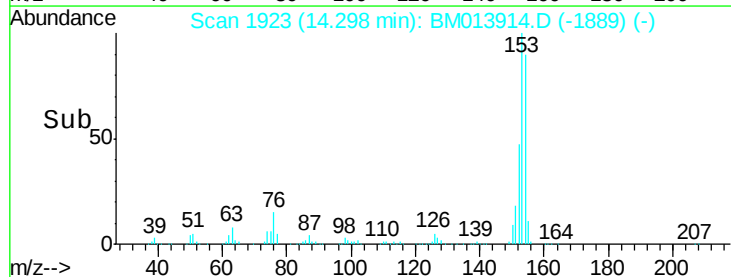
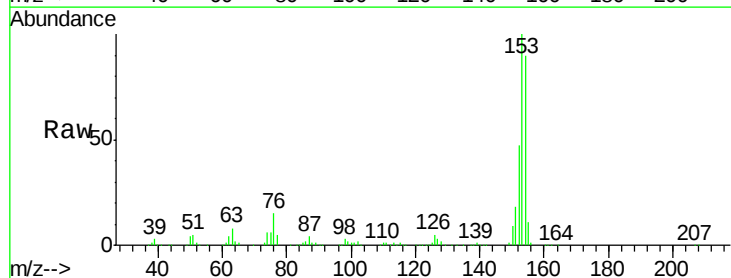
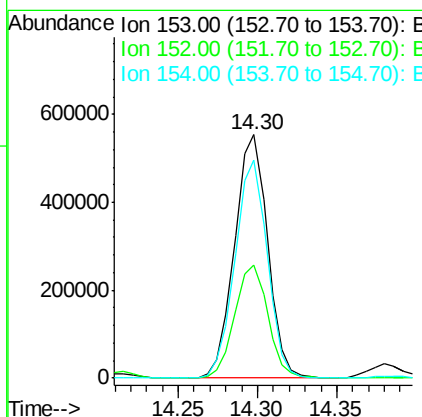
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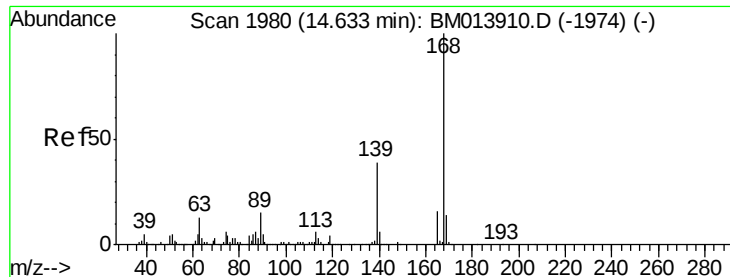
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#49
Acenaphthene
Concen: 31.922 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.6	56.4
154	89.7	70.4	105.6





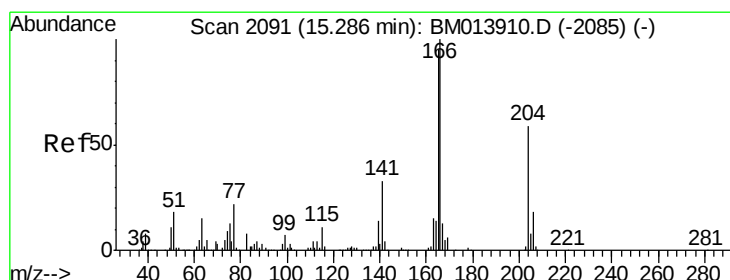
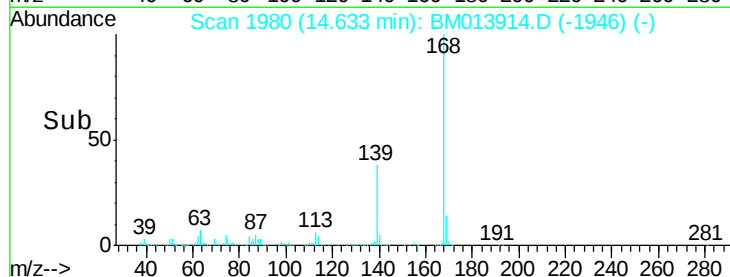
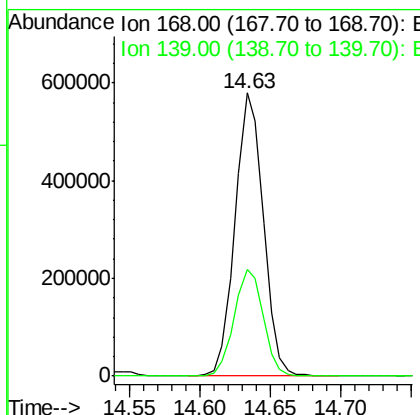
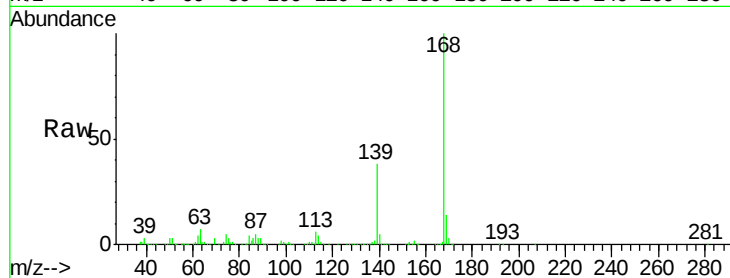
#53
Dibenzenofuran
Concen: 21.388 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Instrument :
BNA_M
ClientSampleId :
F6B52

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.8	46.2

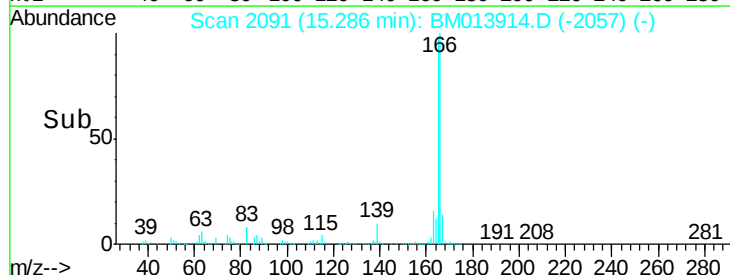
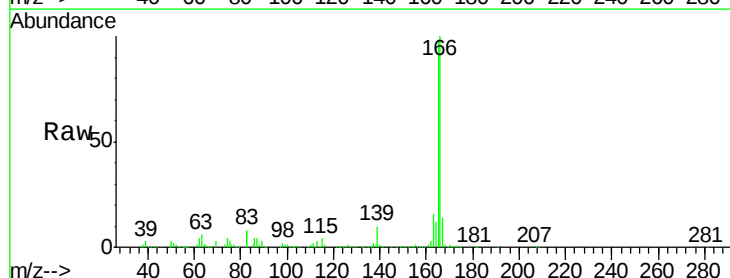
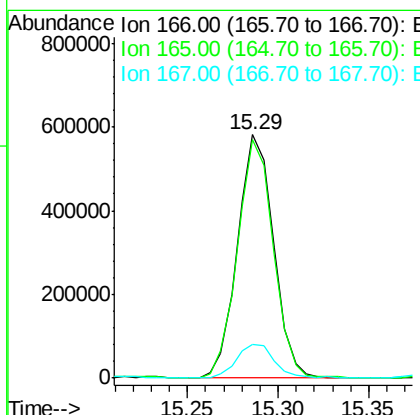
Manual Integrations
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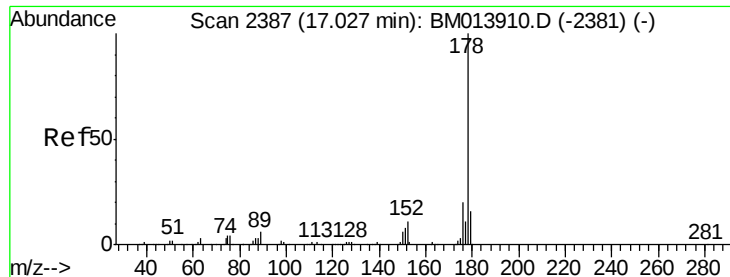
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#58
Fluorene
Concen: 25.878 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	14.0	10.6	16.0





#69

Phenanthrene

Concen: 83.405 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

ClientSampleId :

F6B52

Tot Ion:178 Resp: 3798792

Ion Ratio Lower Upper

178 100

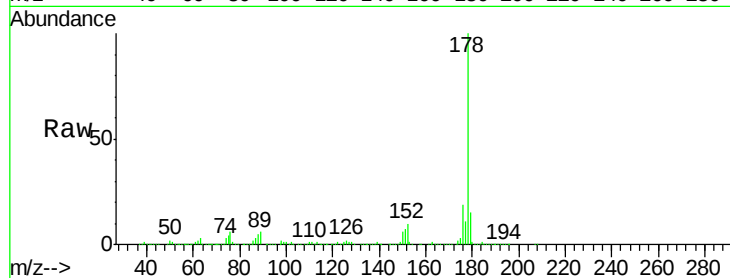
179 15.3 12.6 19.0

176 18.6 14.9 22.3

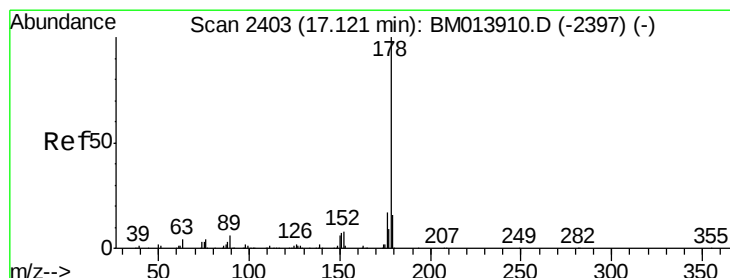
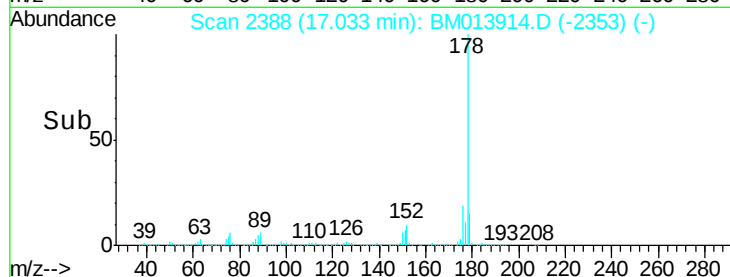
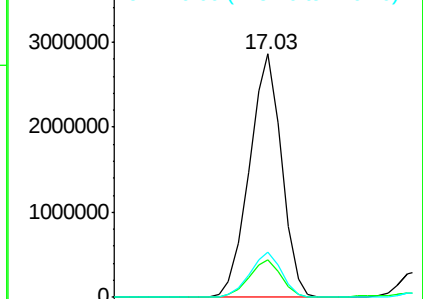
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 8.984 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

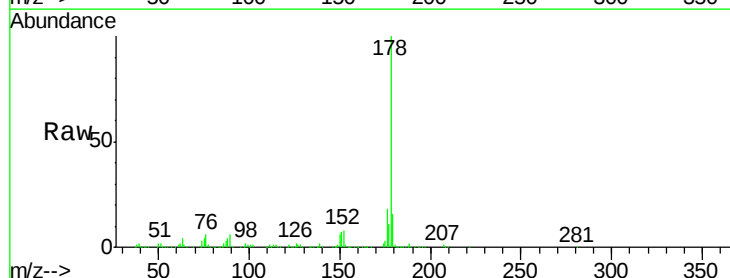
Tgt Ion:178 Resp: 422065

Ion Ratio Lower Upper

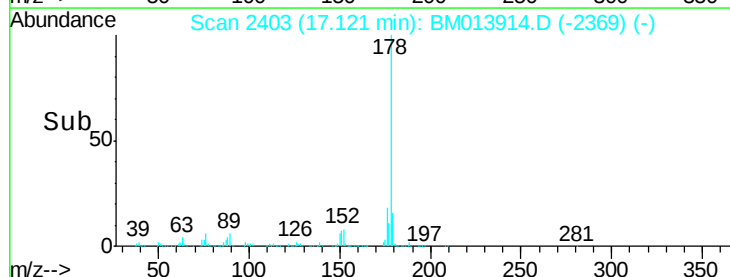
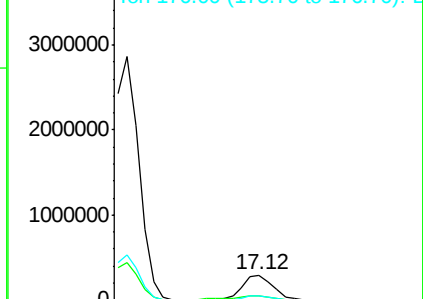
178 100

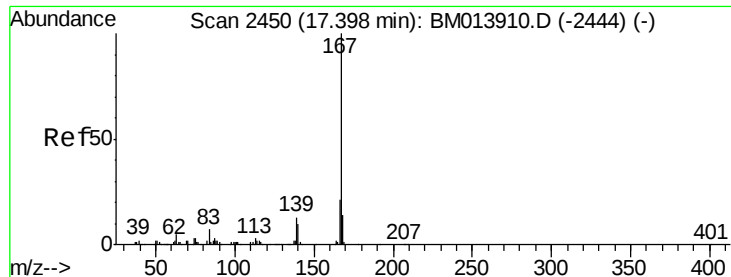
179 16.1 11.7 17.5

176 18.2 14.6 21.8



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

Carbazole

Concen: 3.113 ng/ul

RT: 17.40 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

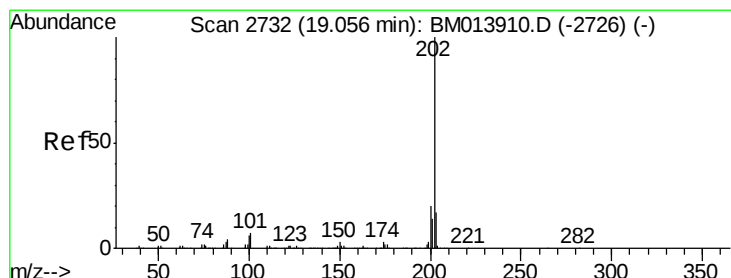
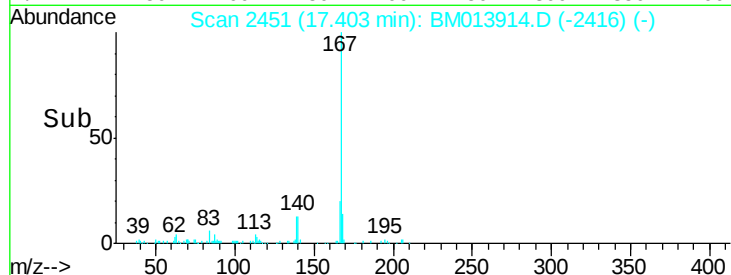
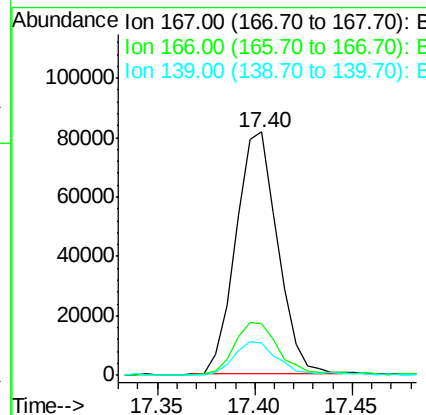
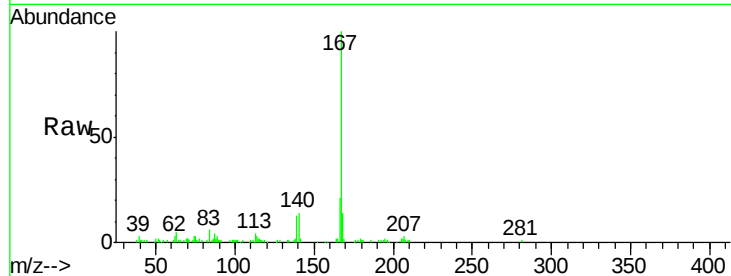
ClientSampled :

F6B52

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.3	17.1	25.7	
139	13.3	10.0	15.0	

Manual Integrations
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#74

Fluoranthene

Concen: 38.527 ng/ul

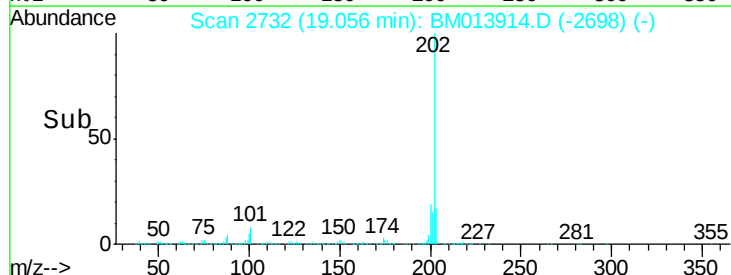
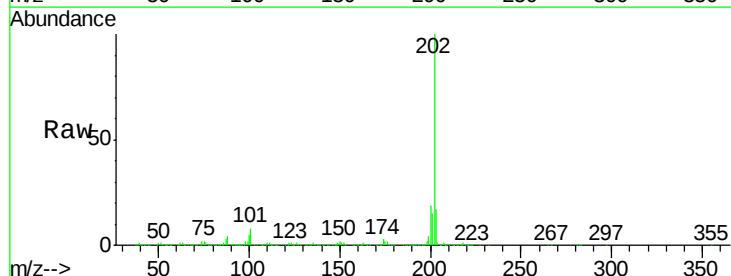
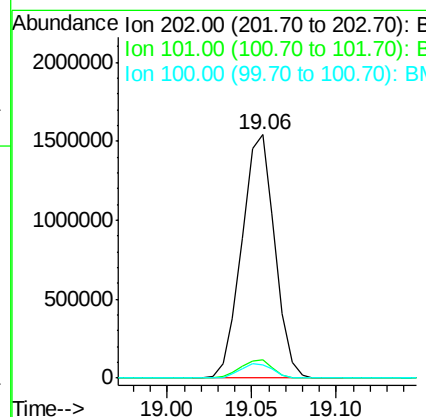
RT: 19.06 min Scan# 2732

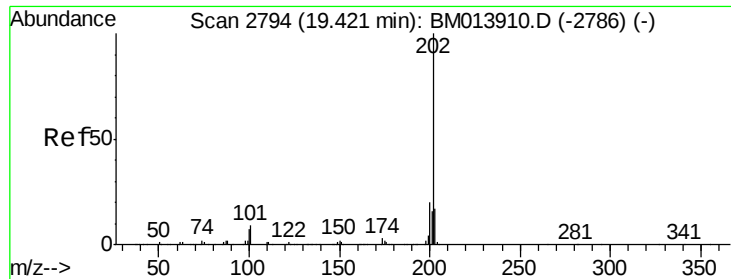
Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.7	4.6	7.0#	
100	5.3	3.4	5.2#	





#77

Pvrene

Concen: 25.680 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

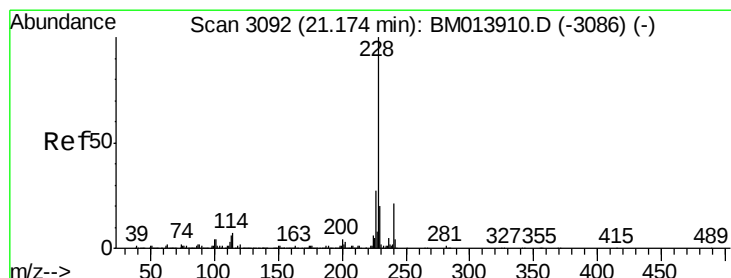
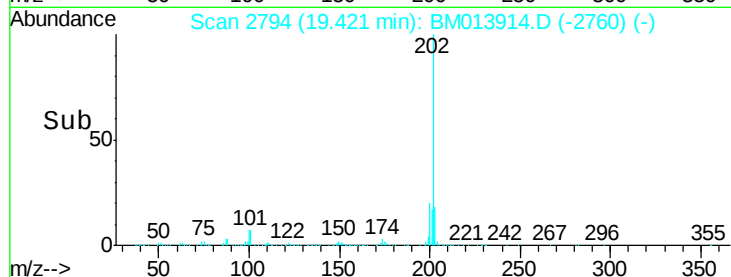
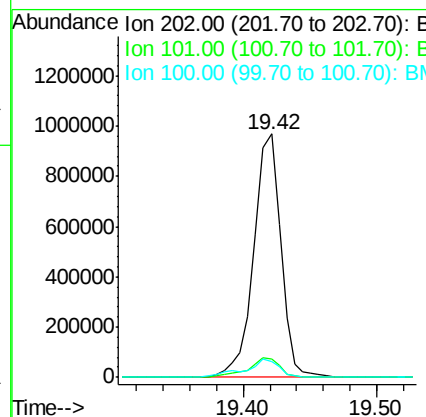
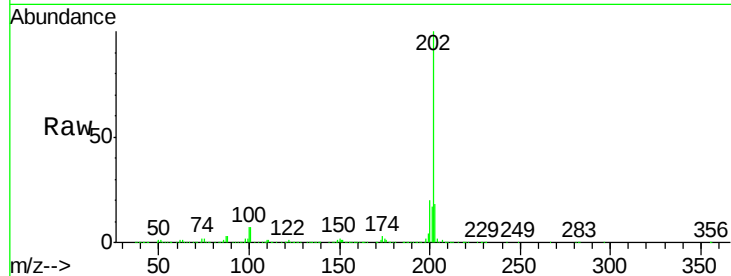
ClientSampleId :

F6B52

Tot Ion:	202	Resp:	1352877
Ion Ratio	Lower	Upper	
202	100		
101	7.5	5.1	7.7
100	6.6	4.9	7.3

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 5.416 ng/ul

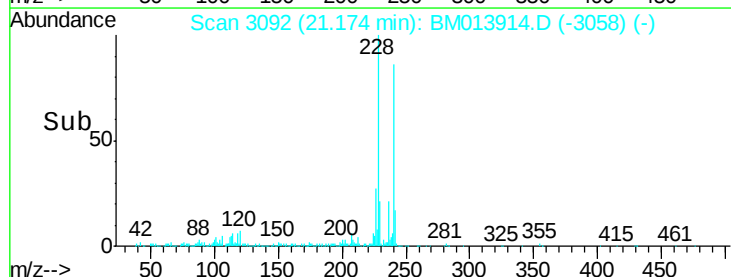
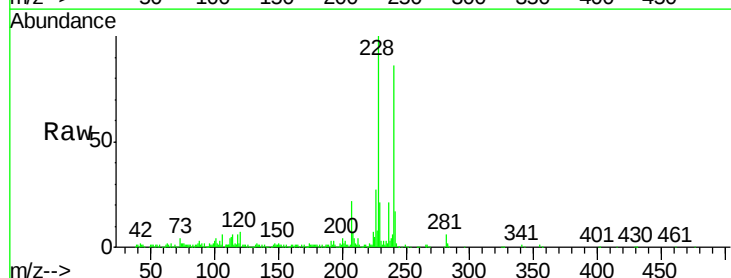
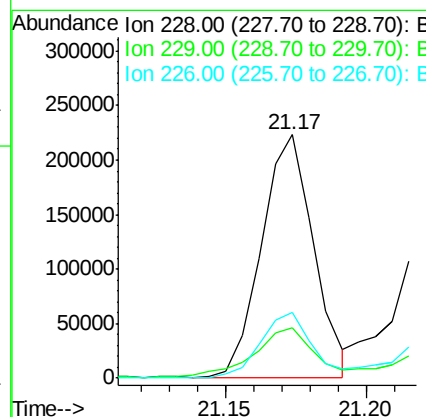
RT: 21.17 min Scan# 3092

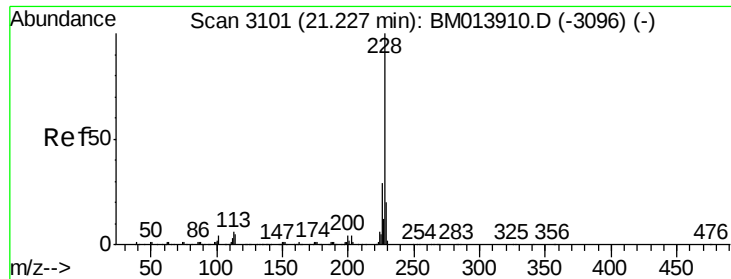
Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Tgt Ion:	228	Resp:	283581
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.4	23.0
226	27.1	21.4	32.0





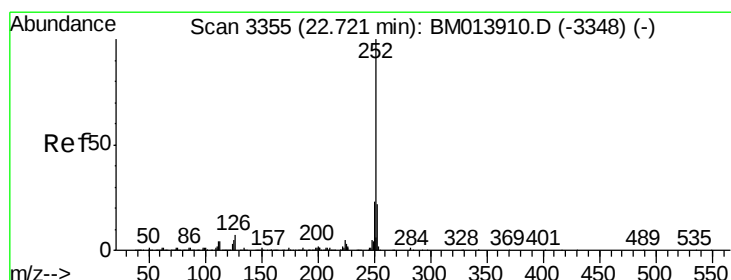
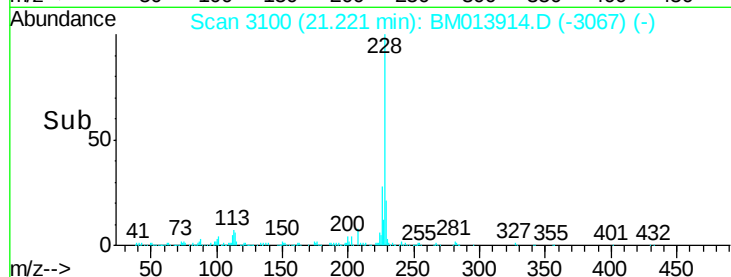
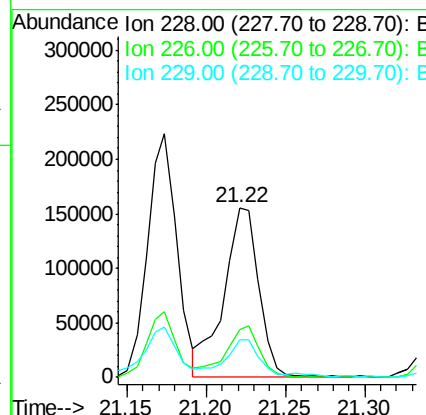
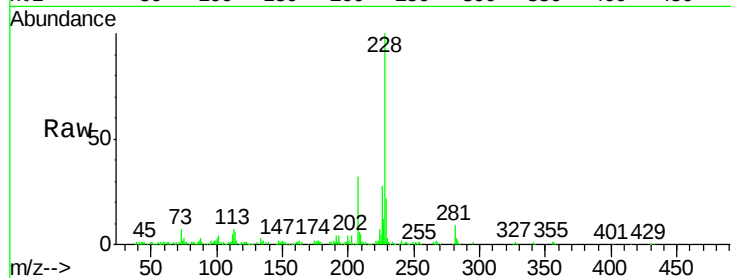
#82
Chrysene
Concen: 4.916 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Instrument :
BNA_M
ClientSampleId :
F6B52

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	21.8	15.5	23.3

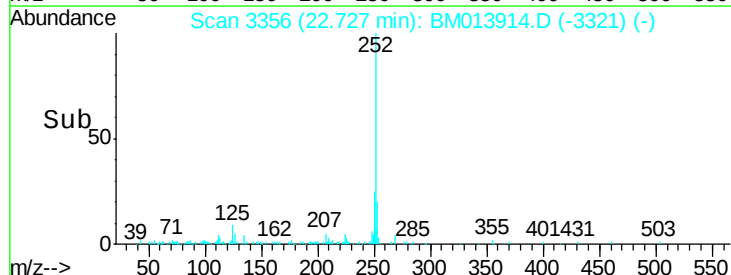
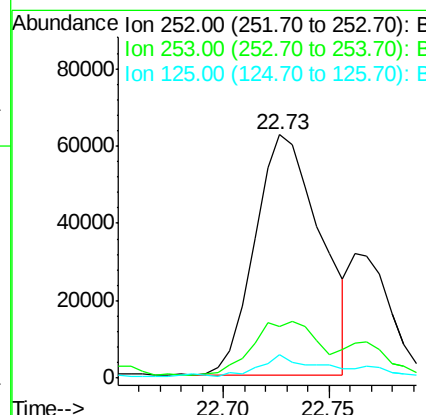
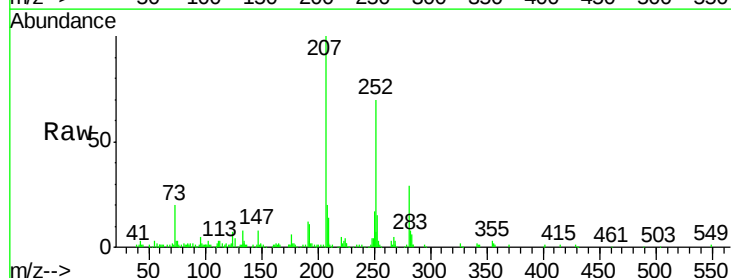
Manual Integrations
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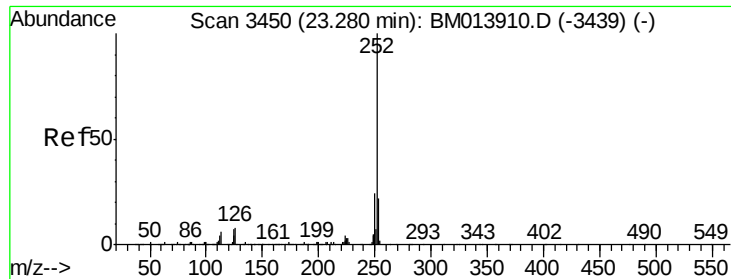
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#85
Benzo(b)fluoranthene
Concen: 2.656 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013914.D
Acq: 28 Jan 2018 09:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	9.8	3.6	5.4





#88

Benzo(a)pyrene

Concen: 1.514 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM013914.D

Acq: 28 Jan 2018 09:03

Instrument :

BNA_M

ClientSampleId :

F6B52

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.2
125	7.3	4.0	6.0

Manual Integrations
APPROVED

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