

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014368.D
 Acq On : 26 Feb 2018 22:12
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y9

Manual Integrations
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Sohil
 2/27/2018 4:58:37 PM

Quant Time: Feb 27 05:03:20 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	173575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	742918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	413256	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	772727	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	531088	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	514502	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	18601	4.59	ng/uL	0.00
5) Phenol-d5	6.73	99	383597	26.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	248360	27.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	328456	29.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	301338	23.48	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	176319	32.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	192246	33.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	324624	27.58	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	232808	20.08	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	1119387	32.80	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1401555	33.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	84684m	17.97	ng/ul	0.02
57) Fluorene-d10	15.19	176	910493	29.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	33656	7.26	ng/ul	0.01
70) Anthracene-d10	17.04	188	1242826	33.34	ng/ul	0.00
76) Pyrene-d10	19.35	212	1048816	38.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	799470	31.93	ng/ul	0.02

Target Compounds

					Qvalue	
4) Benzaldehyde	6.69	77	7159	1.197	ng/ul#	72
14) Acetophenone	8.36	105	29313	1.324	ng/ul	96
28) Naphthalene	10.35	128	105973	2.777	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	46683	1.607	ng/ul	96
44) Dimethylphthalate	13.65	163	218545	6.494	ng/ul	99
47) Acenaphthylene	13.90	152	83957	2.111	ng/ul	99
49) Acenaphthene	14.24	153	80508	2.874	ng/ul	91
53) Dibenzofuran	14.59	168	67619	1.610	ng/ul	97
58) Fluorene	15.24	166	89873	2.479	ng/ul#	91
69) Phenanthrene	16.99	178	1485605	33.368	ng/ul	99
71) Anthracene	17.07	178	382540	8.544	ng/ul	99
72) Carbazole	17.36	167	134317	3.568	ng/ul	95
73) Di-n-butylphthalate	17.92	149	69914	1.439	ng/ul#	94
74) Fluoranthene	19.02	202	2329497	43.795	ng/ul#	92
77) Pyrene	19.39	202	2130832	60.373	ng/ul#	93
78) Butylbenzylphthalate	20.30	149	84074	5.761	ng/ul#	76
80) Benzo(a)anthracene	21.14	228	1008786	30.435	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.08	149	5935613	283.995	ng/ul#	96
82) Chrysene	21.19	228	981609m	31.746	ng/ul	
85) Benzo(b)fluoranthene	22.69	252	1311903	38.081	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	331805	10.130	ng/ul#	94
88) Benzo(a)pyrene	23.24	252	914013	29.691	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	624920	20.919	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.49	278	139745	5.630	ng/ul#	74
91) Benzo(g,h,i)perylene	26.17	276	484582	20.024	ng/ul	98

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

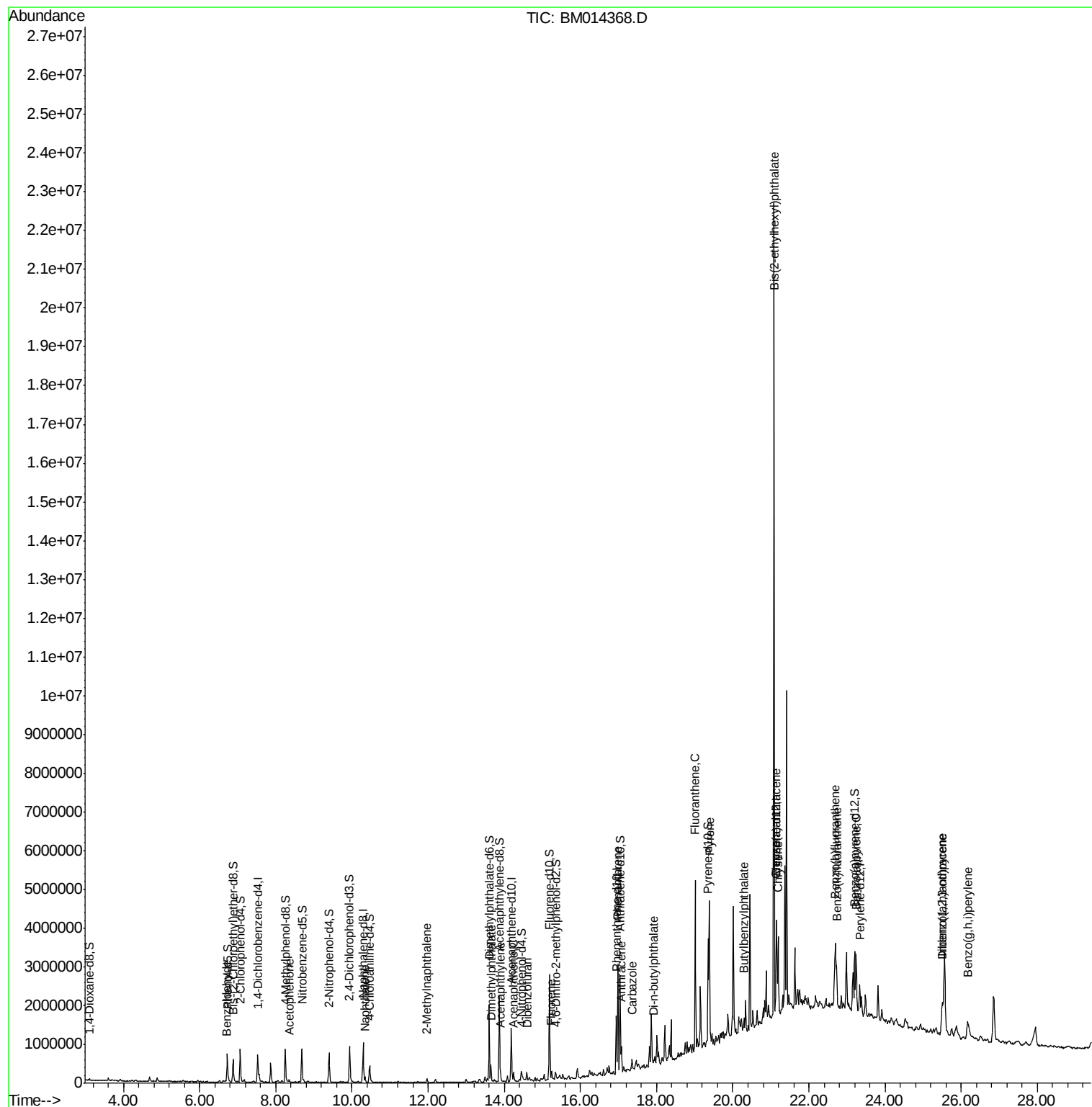
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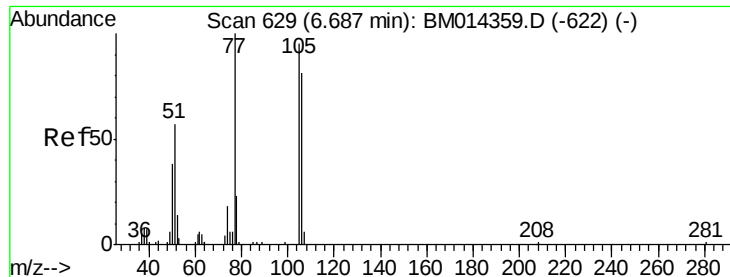
Instrument :
BNA_M
ClientSampleId :
BE5Y9

Manual Integrations
APPROVED

Sohil
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Quant Time: Feb 27 05:03:20 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.197 ng/ul

RT: 6.69 min Scan# 630

Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

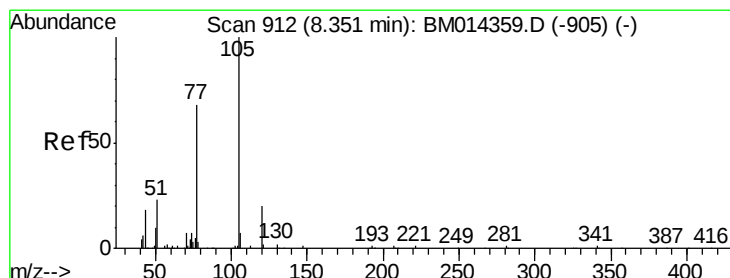
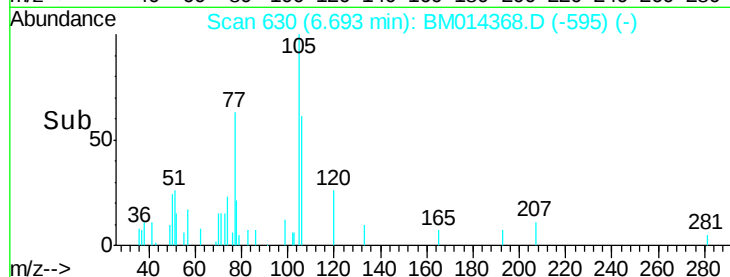
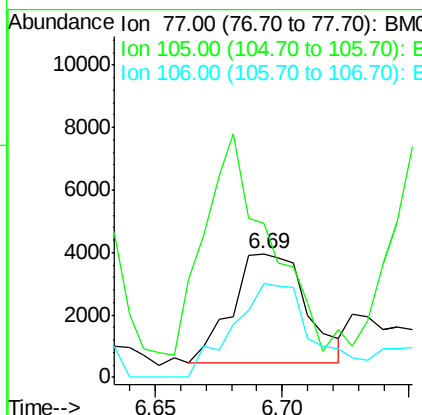
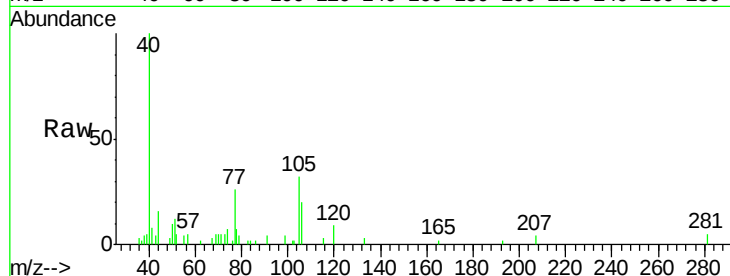
ClientSampled :

BE5Y9

Tgt Ion	Ratio	Lower	Upper
77	100		
105	125.1	66.1	99.1#
106	76.3	67.8	101.6

Manual Integrations
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#14

Acetophenone

Concen: 1.324 ng/ul

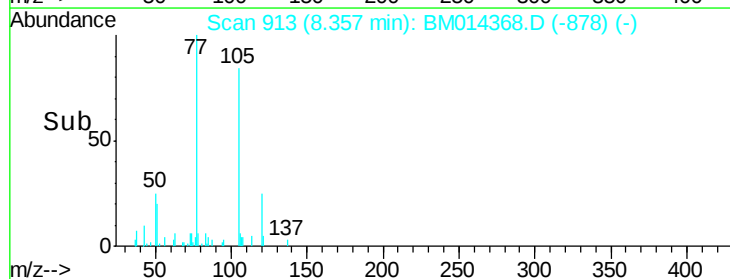
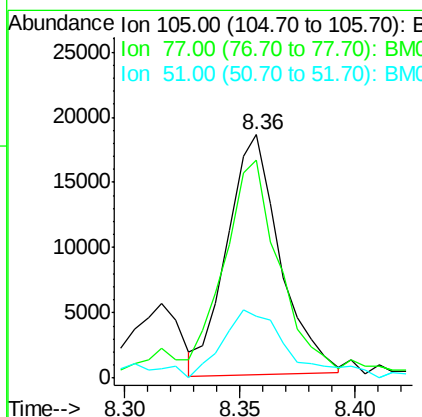
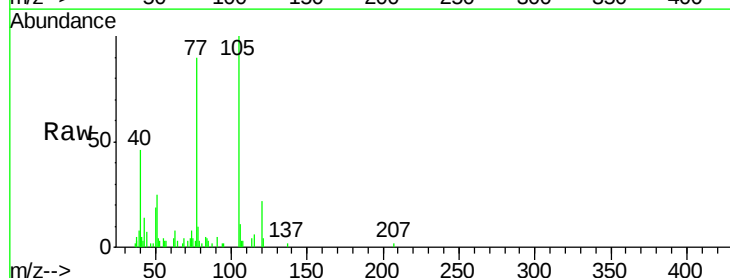
RT: 8.36 min Scan# 913

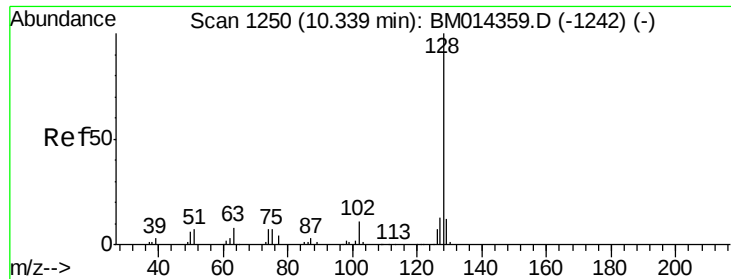
Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Tgt Ion	Ratio	Lower	Upper
105	100		
77	89.7	74.2	111.4
51	25.3	23.4	35.2





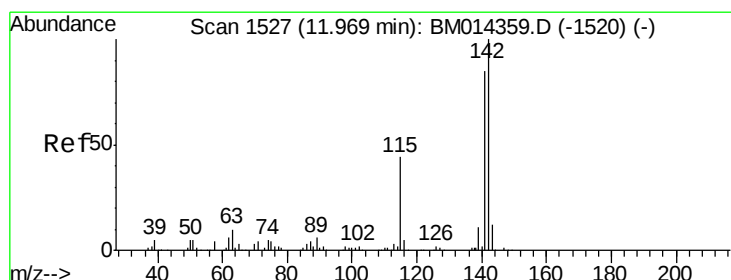
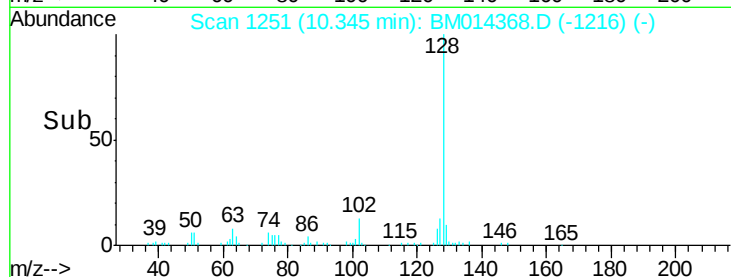
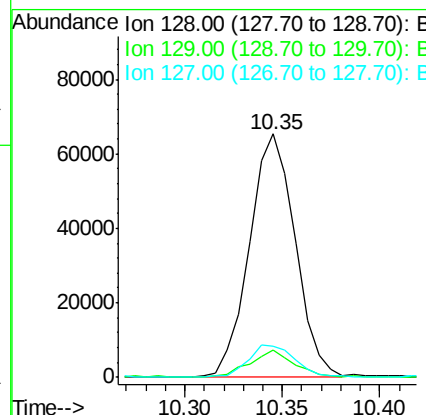
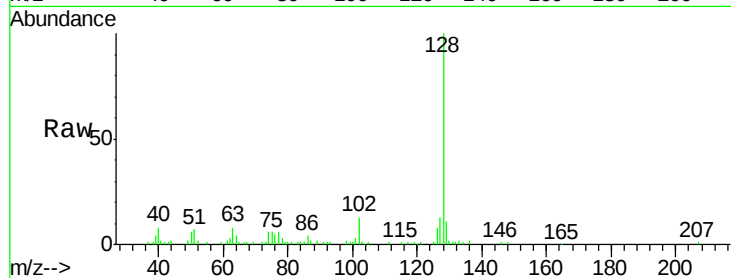
#28
Naphthalene
Concen: 2.777 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Instrument :
BNA_M
ClientSampleId :
BE5Y9

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.6	16.0

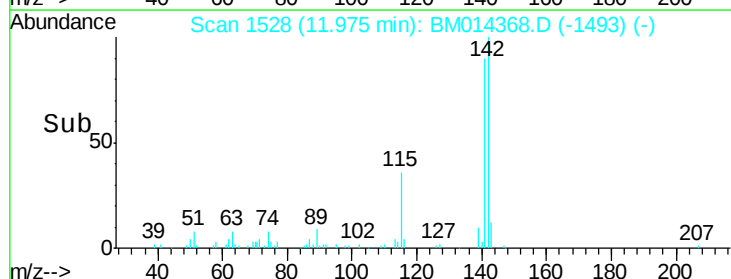
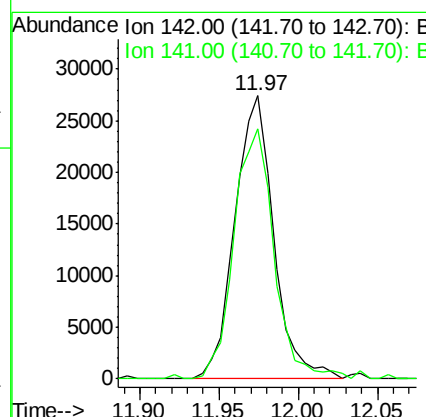
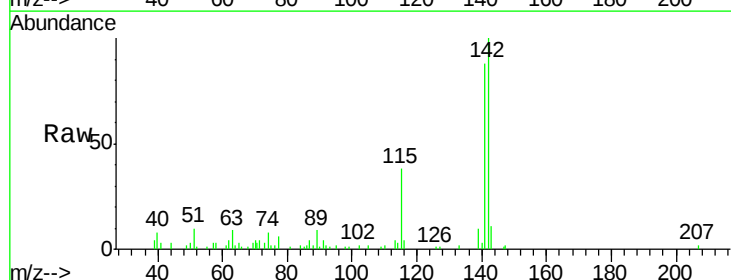
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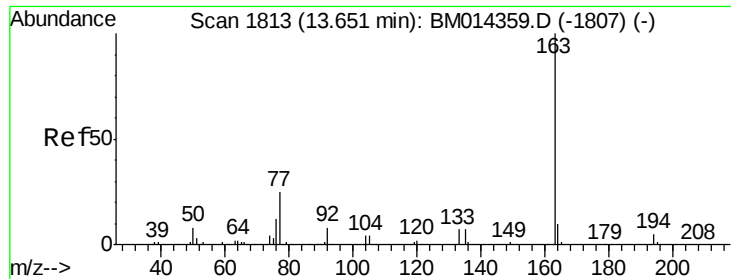
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#34
2-Methylnaphthalene
Concen: 1.607 ng/ul
RT: 11.97 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.1	111.1





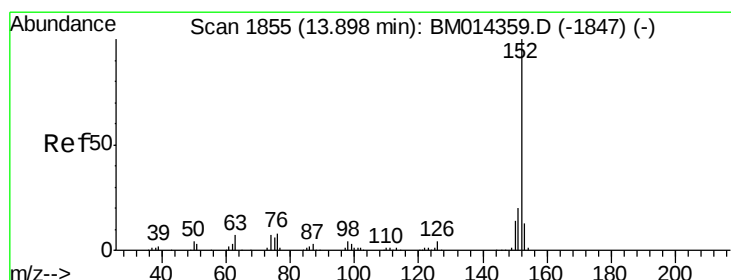
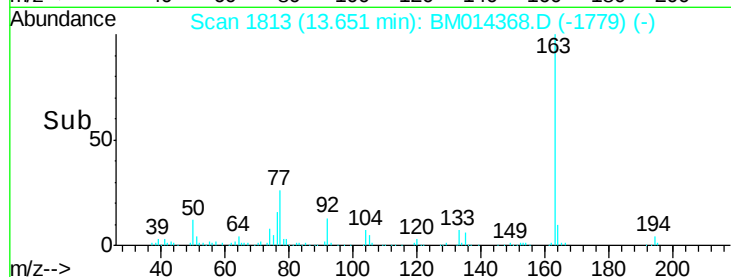
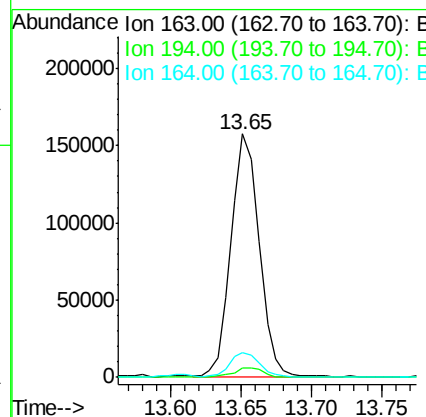
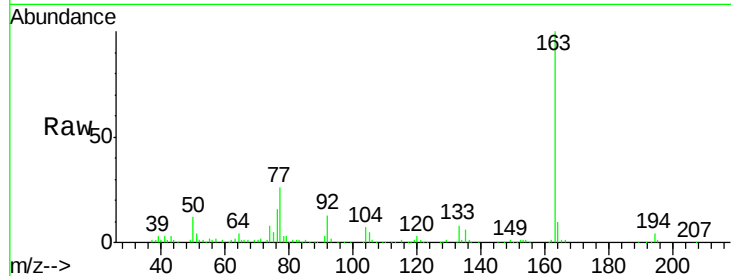
#44
Dimethylphthalate
Concen: 6.494 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Instrument :
BNA_M
ClientSampleId :
BE5Y9

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	218545		
194	3.9		3.5	5.3
164	9.9		8.2	12.4

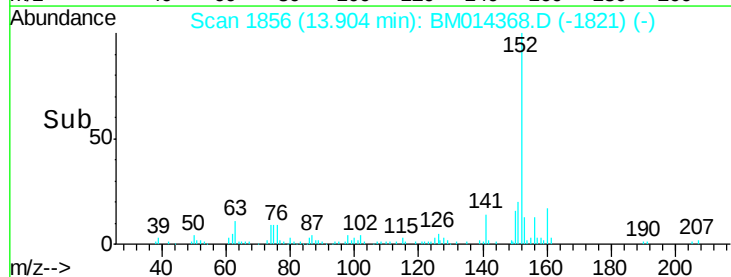
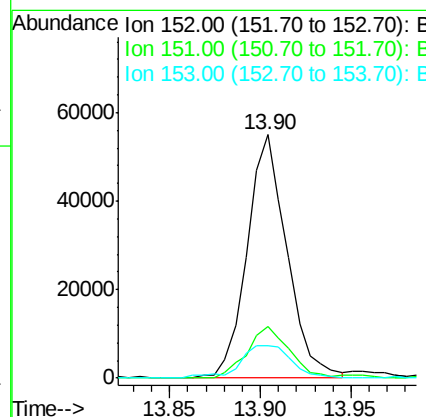
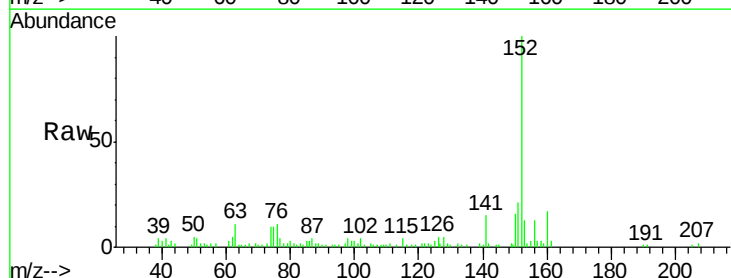
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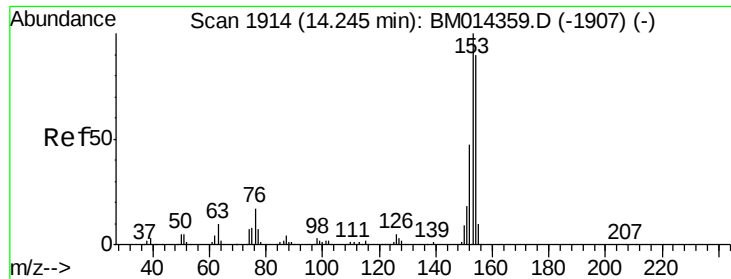
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#47
Acenaphthylene
Concen: 2.111 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	83957		
151	21.0		16.3	24.5
153	13.3		10.2	15.4





#49

Acenaphthene

Concen: 2.874 ng/ul

RT: 14.24 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

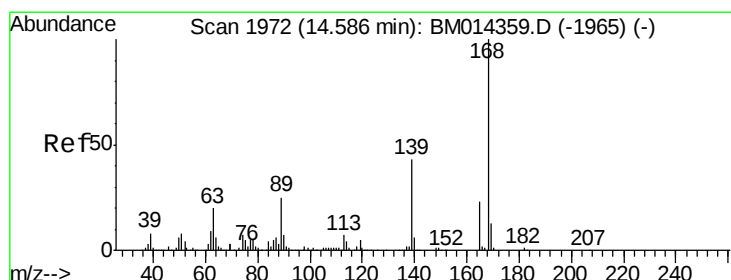
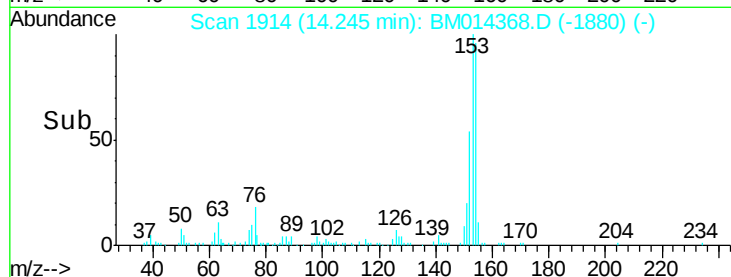
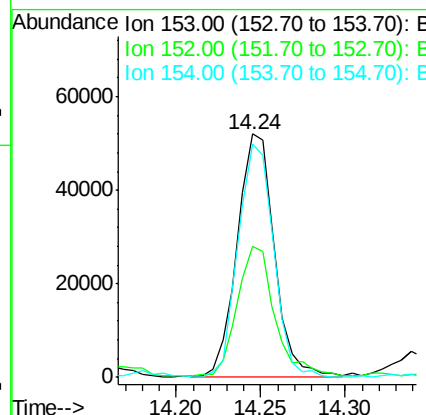
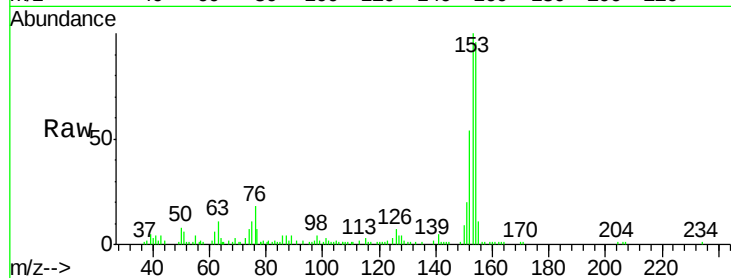
ClientSampled :

BE5Y9

Tgt Ion:	153	Resp:	80508
Ion Ratio	Lower	Upper	
153	100		
152	53.6	37.6	56.4
154	95.8	70.4	105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 1.610 ng/ul

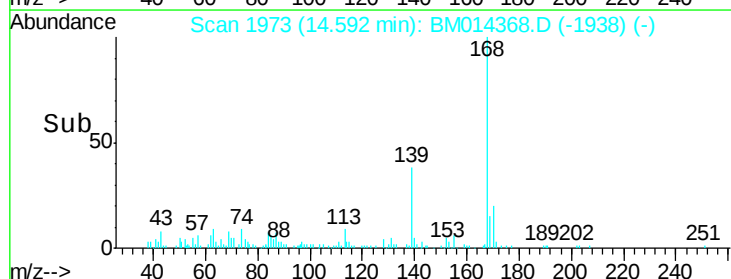
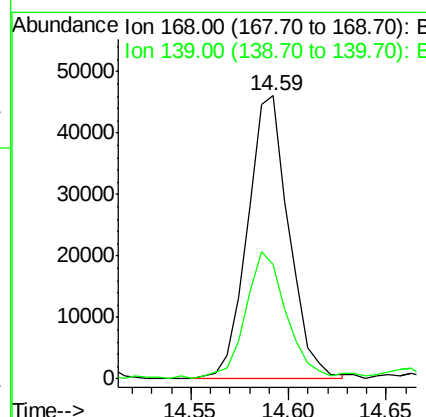
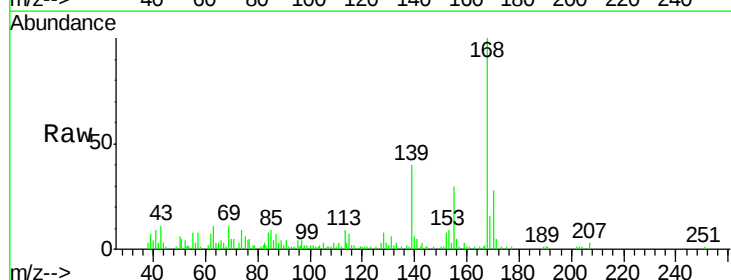
RT: 14.59 min Scan# 1973

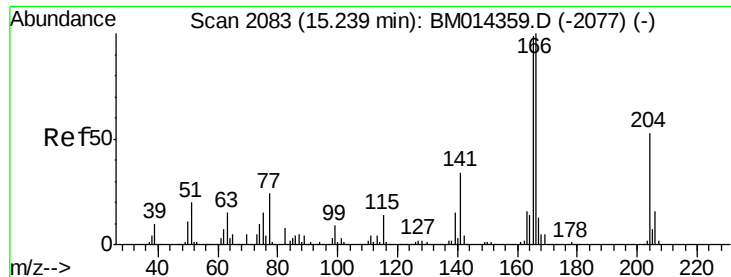
Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Tgt Ion:	168	Resp:	67619
Ion Ratio	Lower	Upper	
168	100		
139	40.4	30.8	46.2





#58

Fluorene

Concen: 2.479 ng/ul

RT: 15.24 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

ClientSampleId :

BE5Y9

Tgt Ion:166 Resp: 89873

Ion Ratio Lower Upper

166 100

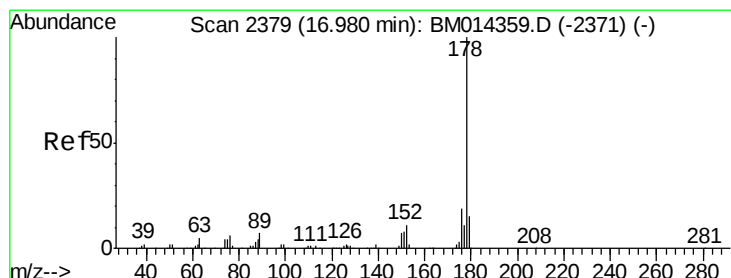
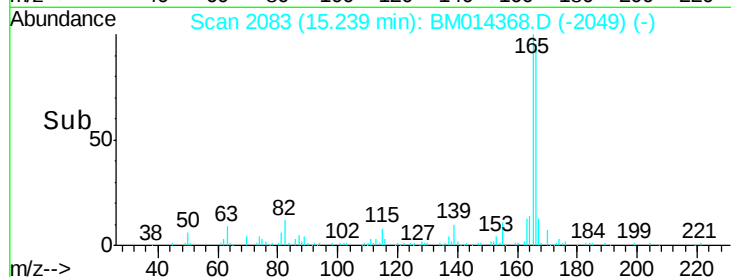
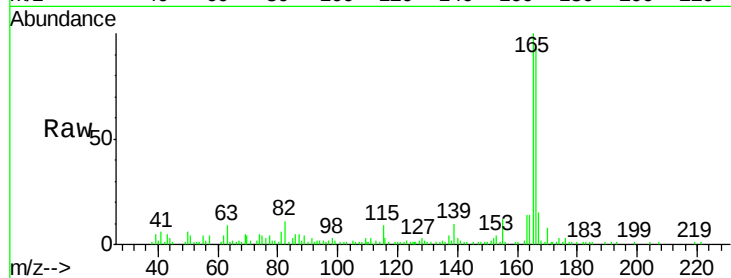
165 106.9 77.9 116.9

167 16.4 10.6 16.0#

Manual Integrations
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#69

Phenanthrene

Concen: 33.368 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

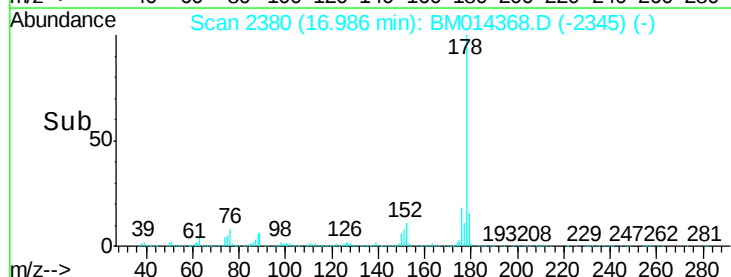
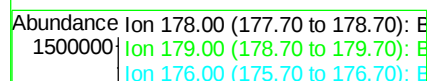
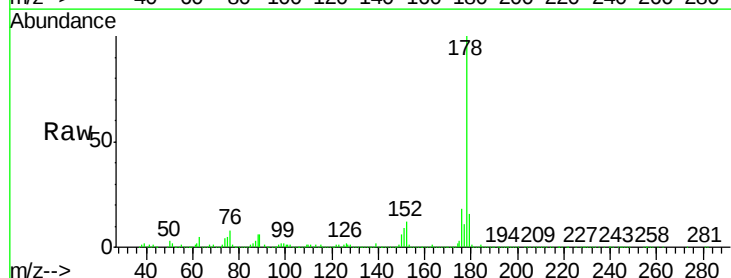
Tgt Ion:178 Resp: 1485605

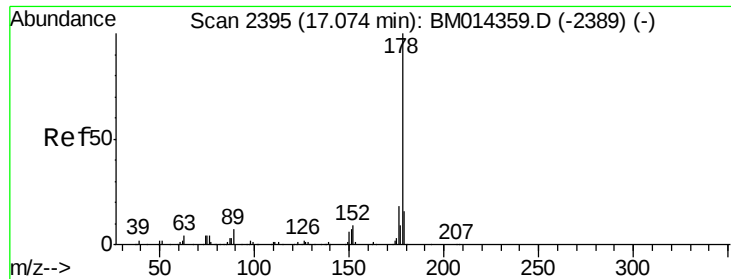
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 18.0 14.9 22.3





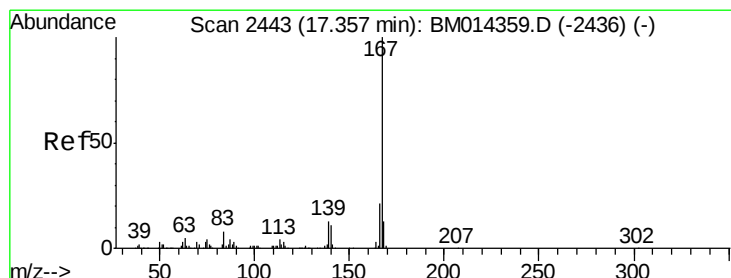
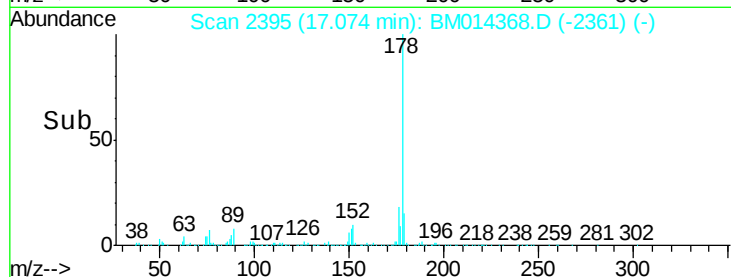
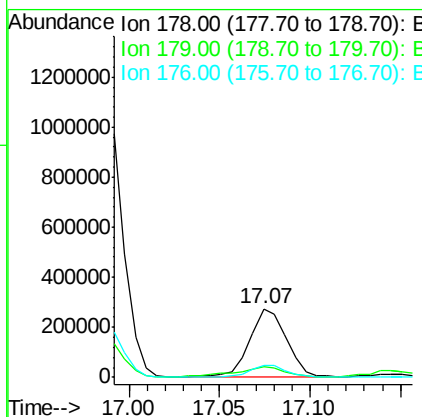
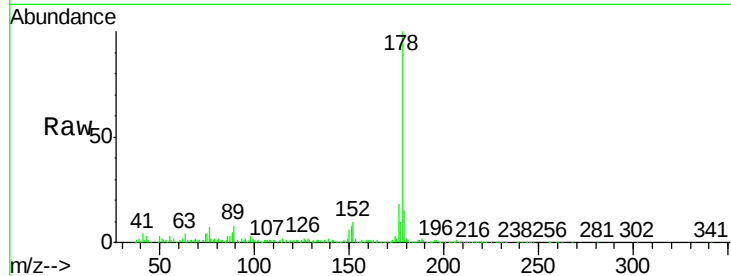
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 Anthracene
 Concen: 8.544 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM014368.D
 Acq: 26 Feb 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	18.1	14.6	21.8

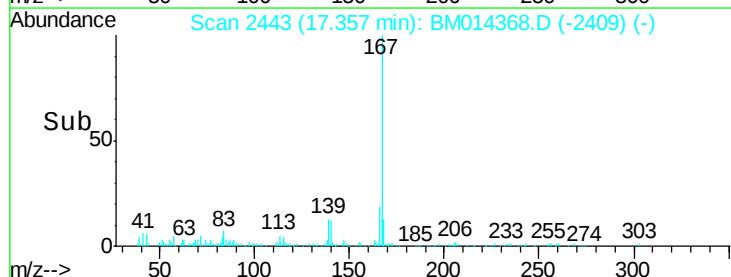
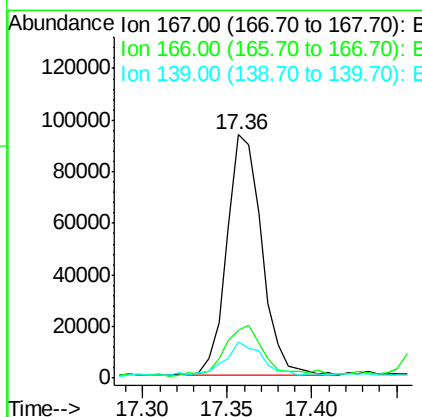
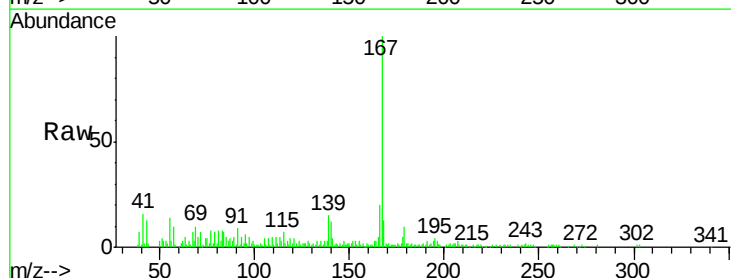
Manual Integrations
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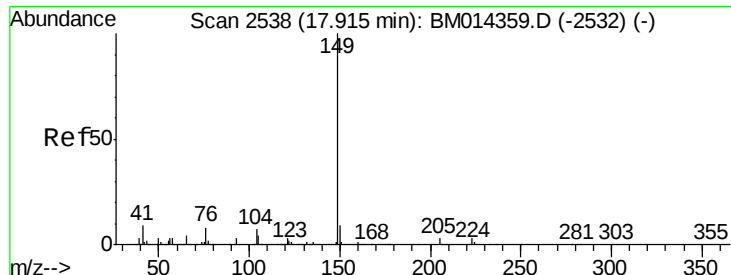
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#72
 Carbazole
 Concen: 3.568 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014368.D
 Acq: 26 Feb 2018 22:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.1	25.7
139	15.0	10.0	15.0





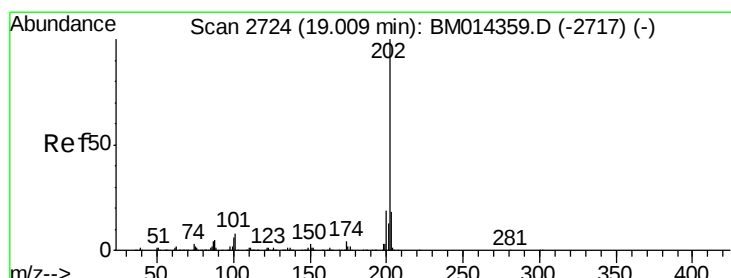
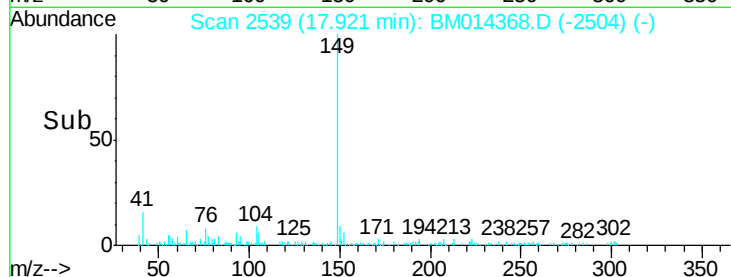
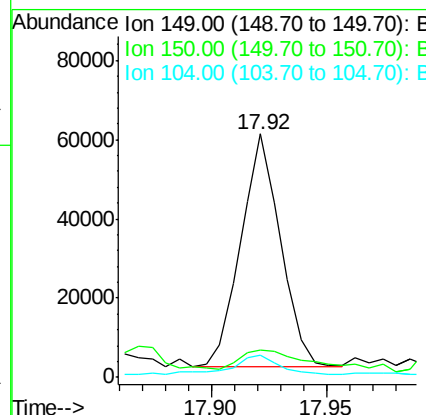
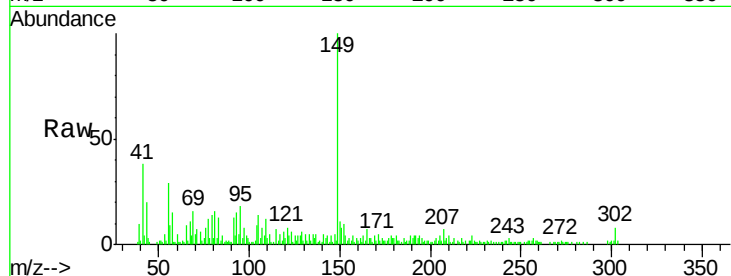
#73
Di-n-butylphthalate
Concen: 1.439 ng/ul
RT: 17.92 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Instrument :
BNA_M
ClientSampleId :
BE5Y9

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	69914		
150	11.4	7.1	10.7#	
104	9.1	5.6	8.4#	

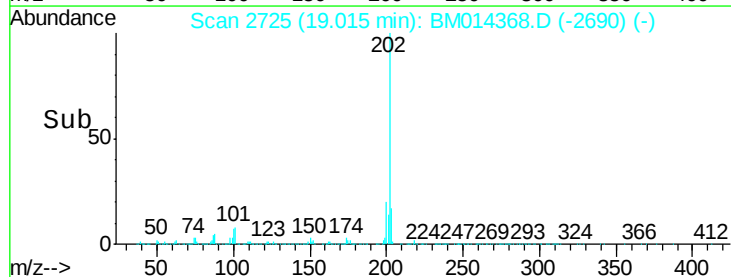
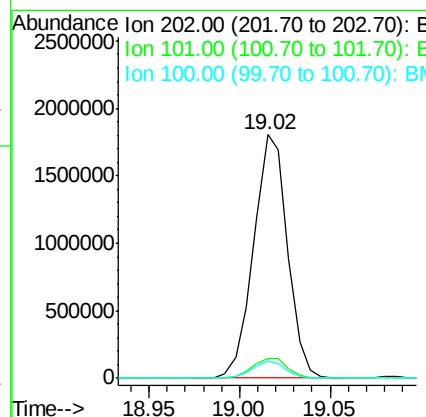
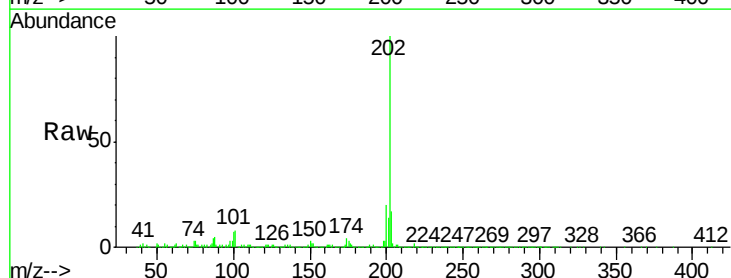
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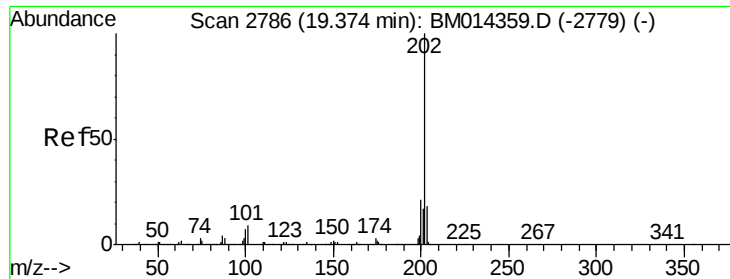
Sohil
2/27/2018 4:58:37 PM



#74
Fluoranthene
Concen: 43.795 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2329497		
101	8.2	4.6	7.0#	
100	7.1	3.4	5.2#	





#77

Pyrene

Concen: 60.373 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

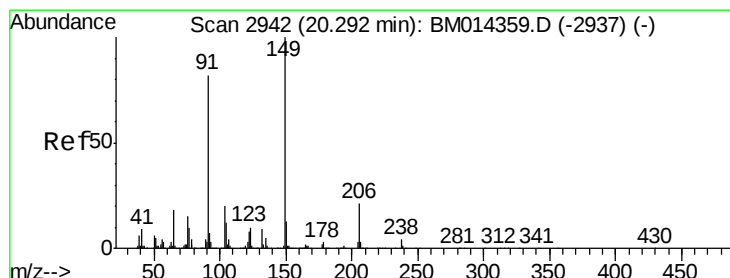
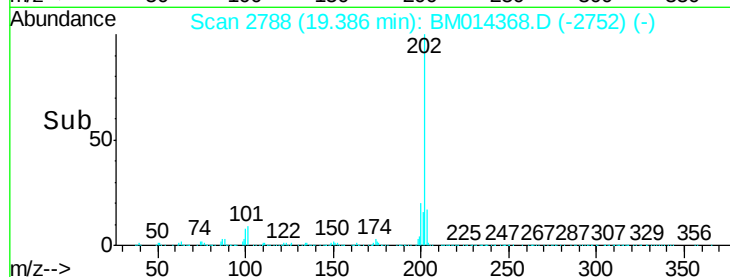
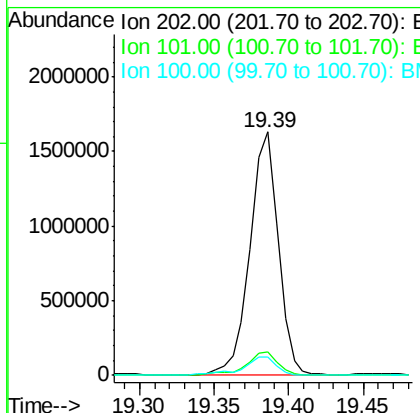
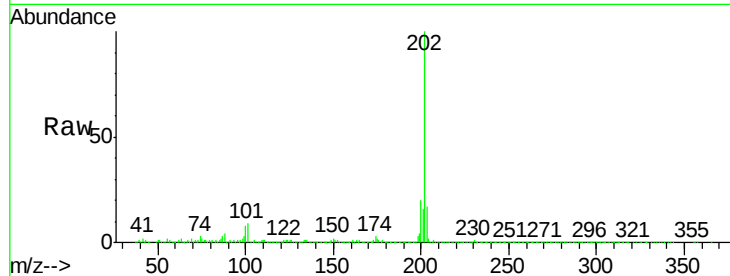
ClientSampleId :

BE5Y9

Tgt Ion:	202	Resp:	2130832
Ion Ratio	Lower	Upper	
202	100		
101	9.5	5.1	7.7#
100	7.7	4.9	7.3#

Manual Integrations
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#78

Butylbenzylphthalate

Concen: 5.761 ng/ul

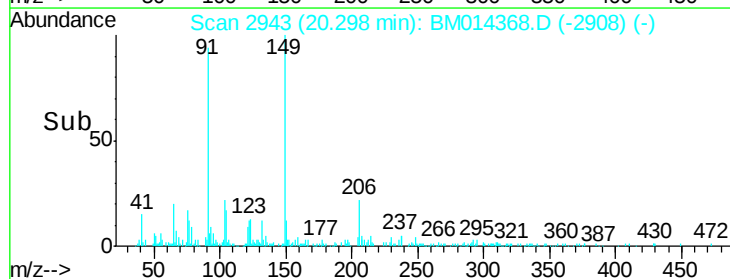
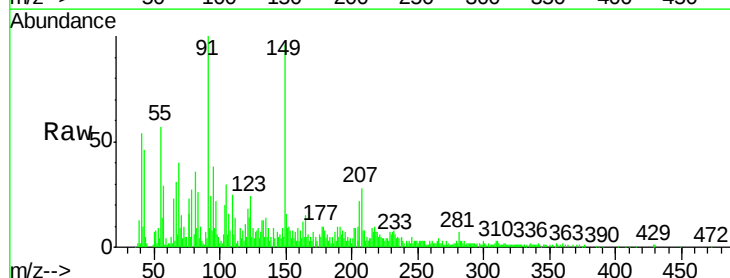
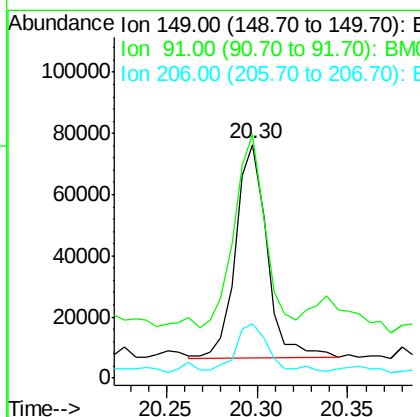
RT: 20.30 min Scan# 2943

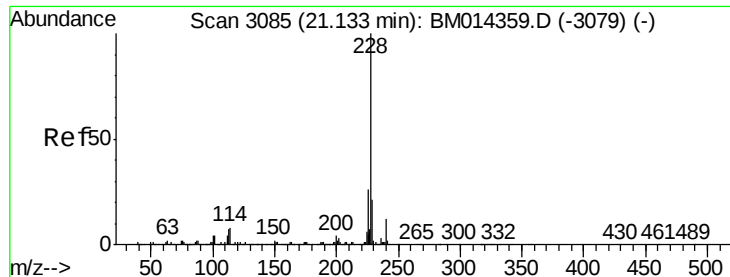
Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Tgt Ion:	149	Resp:	84074
Ion Ratio	Lower	Upper	
149	100		
91	104.2	62.7	94.1#
206	23.2	20.8	31.2





#80

Benzo(a)anthracene

Concen: 30.435 ng/uI

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

ClientSampled :

BE5Y9

Tgt Ion:228 Resp: 1008786

Ion Ratio Lower Upper

228 100

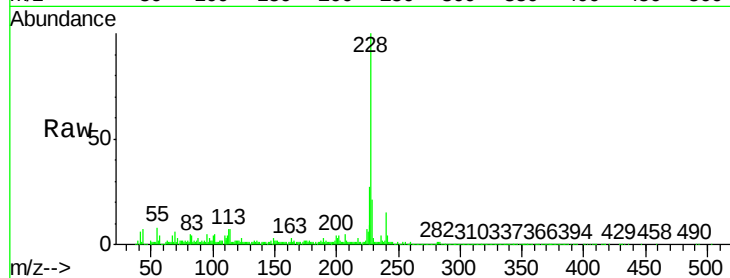
229 20.9 15.4 23.0

226 27.0 21.4 32.0

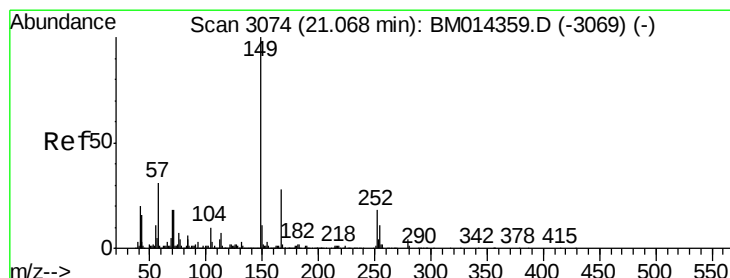
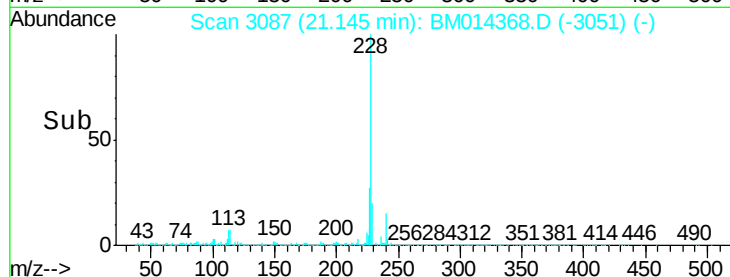
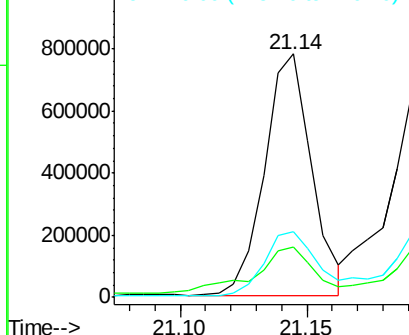
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 283.995 ng/uI

RT: 21.08 min Scan# 3076

Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

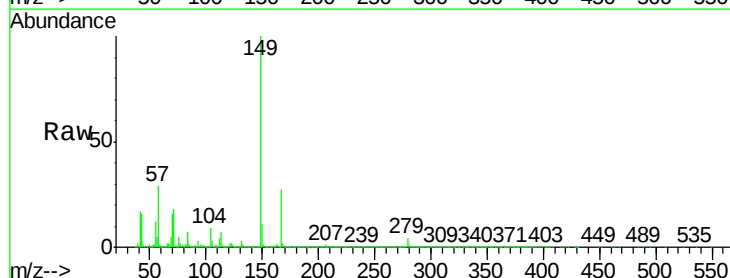
Tgt Ion:149 Resp: 5935613

Ion Ratio Lower Upper

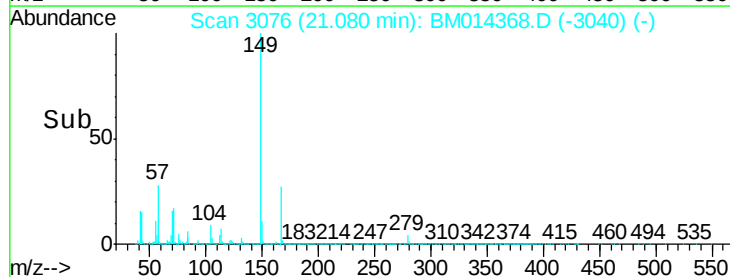
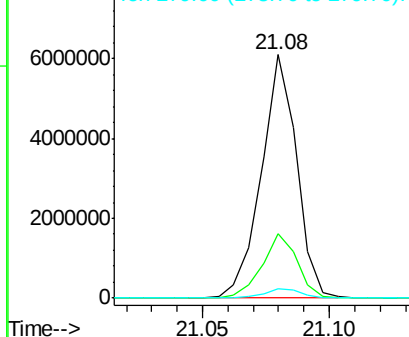
149 100

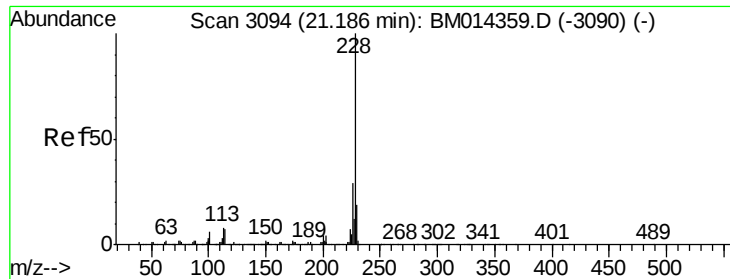
167 26.6 22.8 34.2

279 4.0 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 31.746 ng/ul m

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

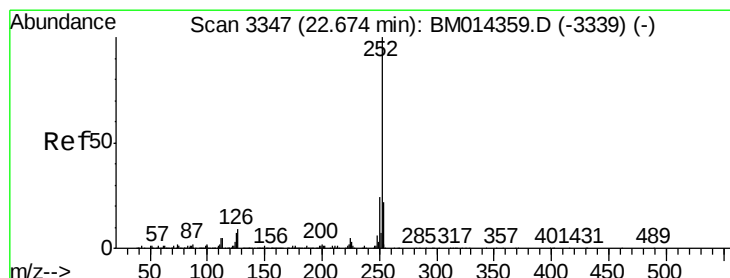
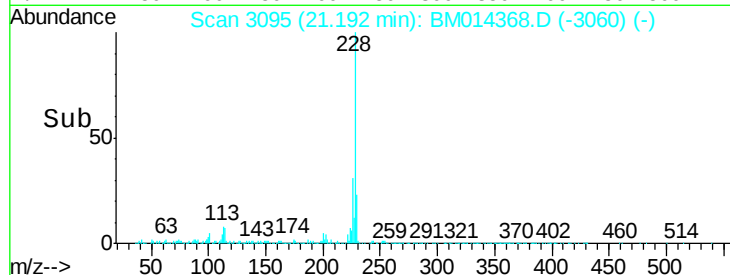
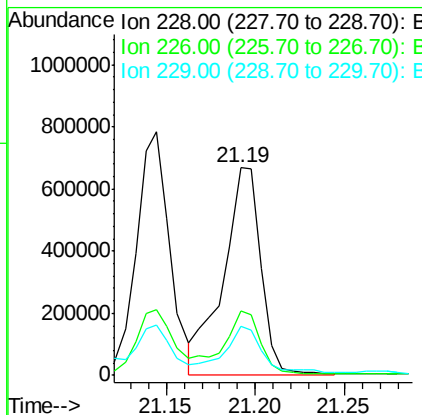
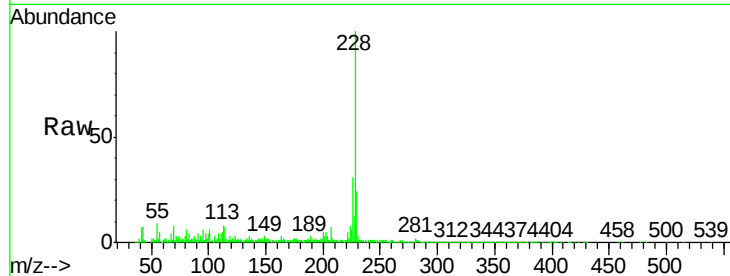
ClientSampled :

BE5Y9

Tgt Ion:	228	Resp:	981609
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.2
229	23.8	15.5	23.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 38.081 ng/ul

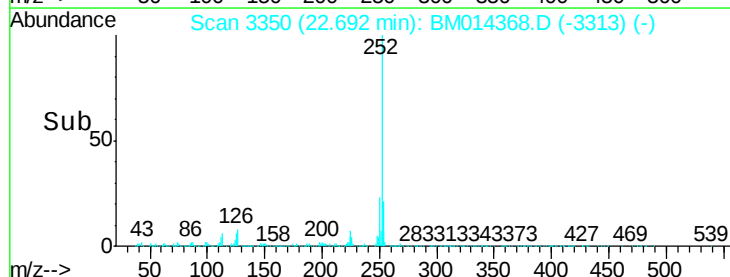
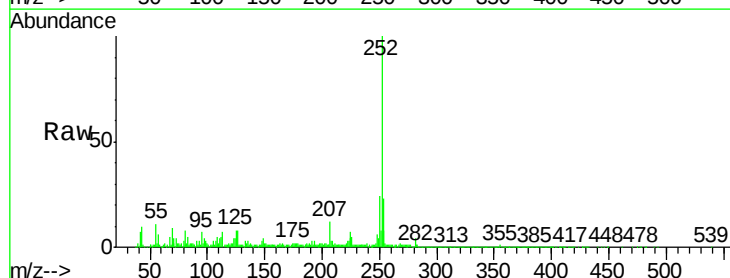
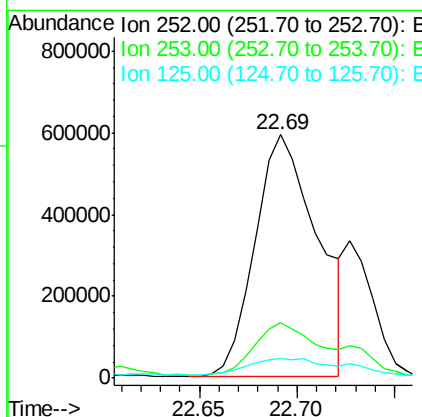
RT: 22.69 min Scan# 3350

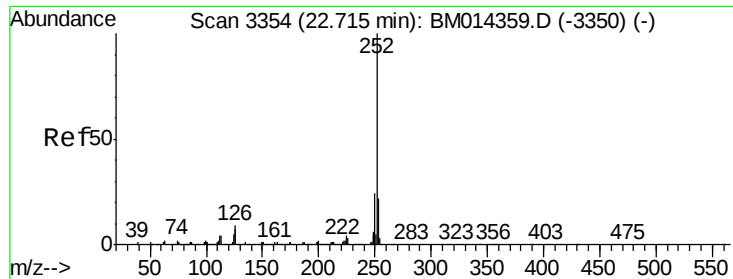
Delta R.T. 0.02 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Tgt Ion:	252	Resp:	1311903
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	8.0	3.6	5.4#





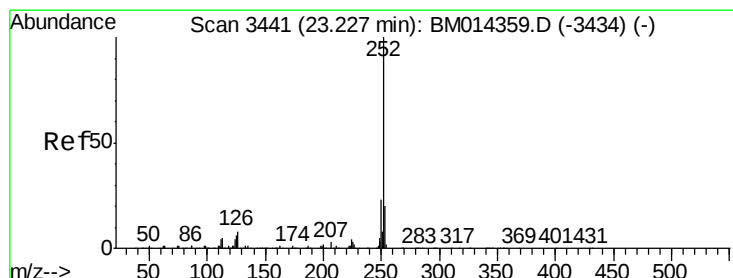
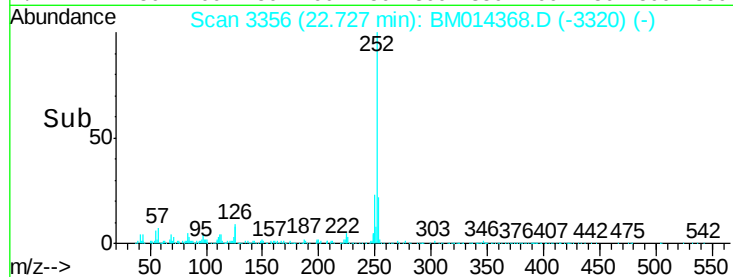
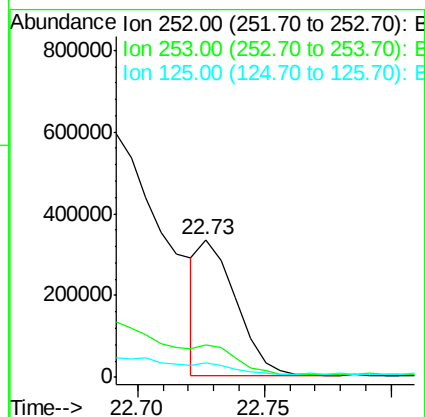
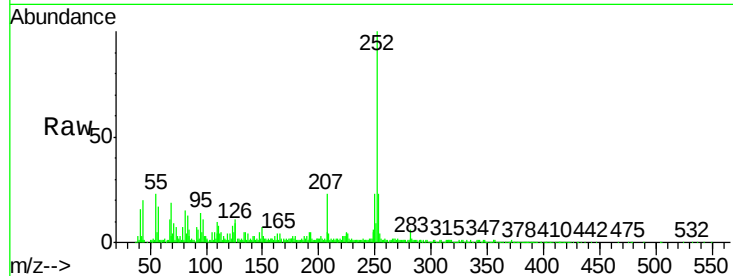
#86
Benzo(k)fluoranthene
Concen: 10.130 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Instrument :
BNA_M
ClientSampled :
BE5Y9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	10.6	3.4	5.2

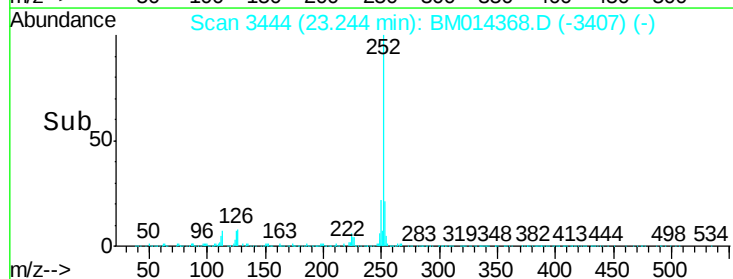
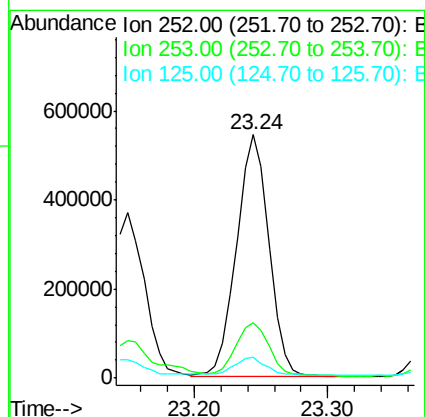
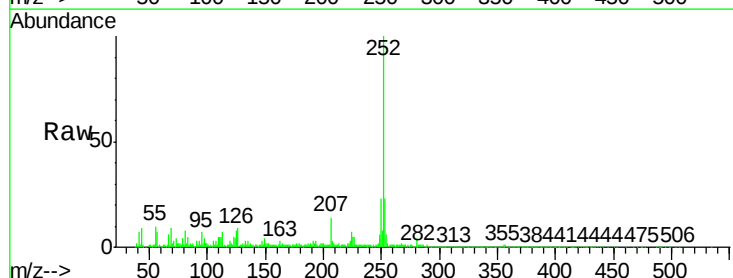
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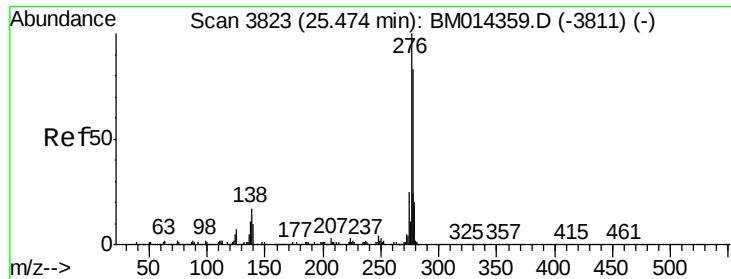
Sohil
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#88
Benzo(a)pyrene
Concen: 29.691 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.02 min
Lab File: BM014368.D
Acq: 26 Feb 2018 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.5	4.0	6.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 20.919 ng/ul

RT: 25.50 min Scan# 3828

Delta R.T. 0.03 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

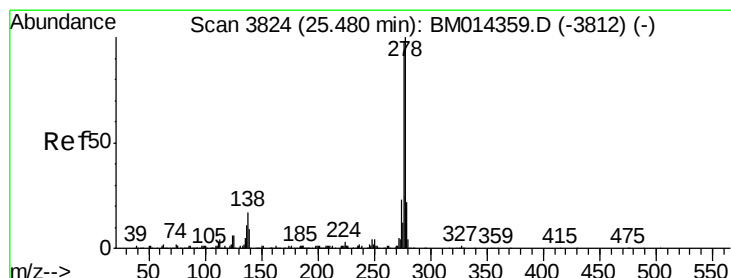
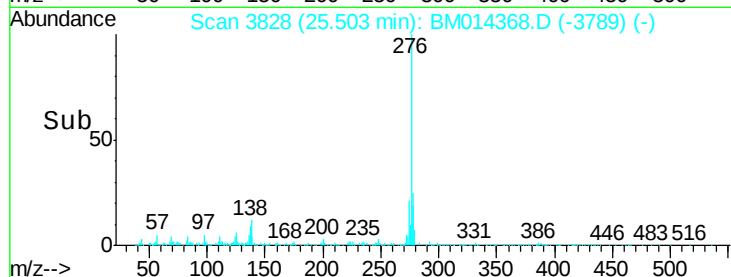
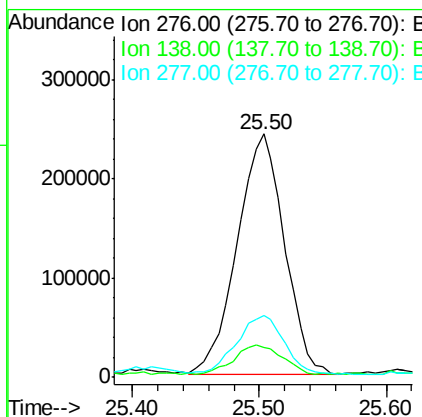
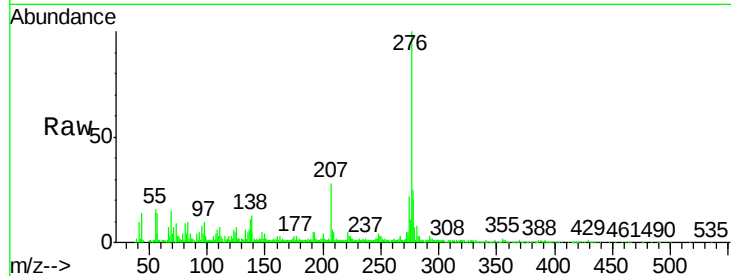
ClientSampleId :

BE5Y9

Tgt Ion:	276	Resp:	624920
Ion Ratio	Lower	Upper	
276	100		
138	12.5	9.3	13.9
277	25.4	19.9	29.9

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#90

Dibenzo(a,h)anthracene

Concen: 5.630 ng/ul

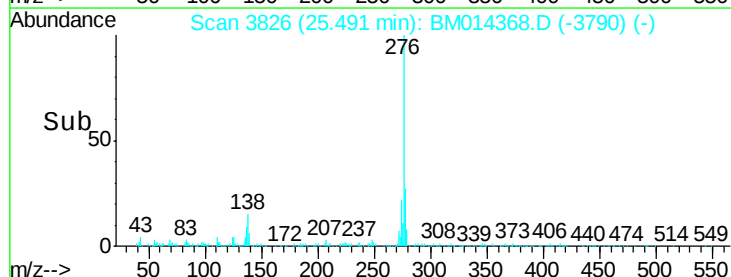
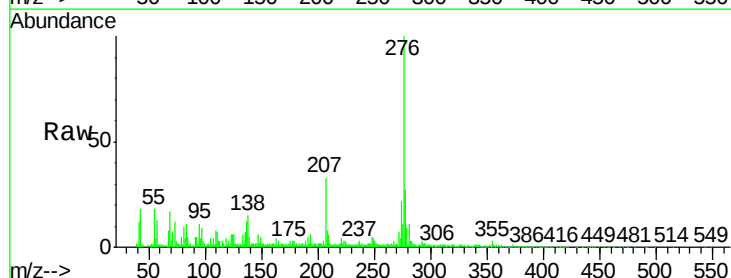
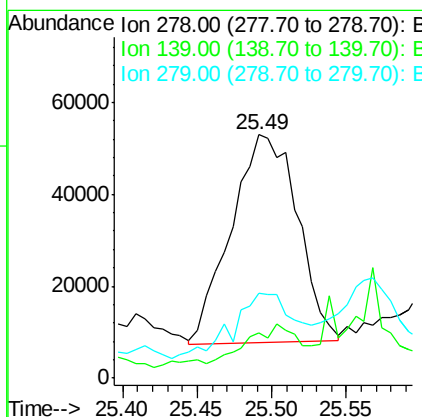
RT: 25.49 min Scan# 3826

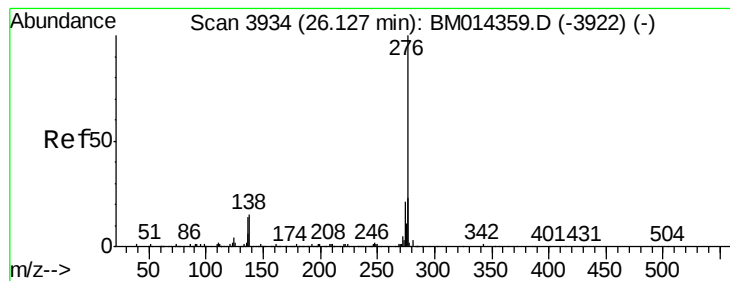
Delta R.T. 0.01 min

Lab File: BM014368.D

Acq: 26 Feb 2018 22:12

Tgt Ion:	278	Resp:	139745
Ion Ratio	Lower	Upper	
278	100		
139	18.4	5.8	8.8#
279	34.7	18.6	27.8#





#91

Benzo(g,h,i)perylene

Concen: 20.024 ng/ul

RT: 26.17 min Scan# 3941

Delta R.T. 0.04 min

Lab File: BM014368.D

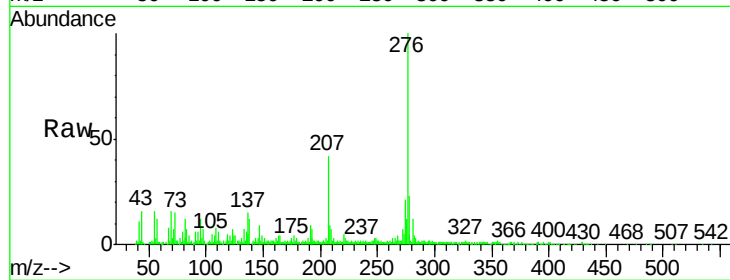
Acq: 26 Feb 2018 22:12

Instrument :

BNA_M

ClientSampleId :

BE5Y9



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	12.0	8.5	12.7	
277	22.8	18.6	28.0	

Manual Integrations
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