

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014364.D
 Acq On : 26 Feb 2018 19:48
 Operator : SJ/JU
 Sample : J1631-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5Y4

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:25 PM

Quant Time: Feb 27 04:27:48 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	149364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	657357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	372188	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	746474	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	522093	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	472250	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	9762	2.80	ng/uL	0.00
5) Phenol-d5	6.73	99	193471	15.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	121740	15.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	161535	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	154002	13.94	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	84482	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	94251	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	174028	16.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	58142m	5.67	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	626241	20.38	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	739865	19.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	61098m	14.40	ng/ul	0.02
57) Fluorene-d10	15.19	176	521295	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	26290	5.87	ng/ul	0.01
70) Anthracene-d10	17.04	188	754826	20.96	ng/ul	0.00
76) Pyrene-d10	19.35	212	702917	26.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	480608	20.91	ng/ul	0.01

Target Compounds

					Qvalue	
4) Benzaldehyde	6.69	77	18252	3.546	ng/ul	93
6) Phenol	6.76	94	40276	3.040	ng/ul	97
14) Acetophenone	8.36	105	103444	5.428	ng/ul	93
28) Naphthalene	10.35	128	48111	1.425	ng/ul	98
44) Dimethylphthalate	13.65	163	143189	4.724	ng/ul	99
47) Acenaphthylene	13.90	152	68624	1.916	ng/ul#	93
49) Acenaphthene	14.25	153	34198	1.356	ng/ul	93
58) Fluorene	15.24	166	48995	1.501	ng/ul#	96
69) Phenanthrene	16.99	178	1106101	25.718	ng/ul	99
71) Anthracene	17.07	178	213397	4.934	ng/ul	97
72) Carbazole	17.36	167	83229	2.288	ng/ul	95
74) Fluoranthene	19.02	202	1864535	36.286	ng/ul#	93
77) Pyrene	19.38	202	1582969	45.623	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	745227	22.871	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	230278	11.208	ng/ul#	98
82) Chrysene	21.19	228	656891	21.611	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	902441	28.539	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	238679m	7.939	ng/ul	
88) Benzo(a)pyrene	23.24	252	581999	20.597	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	408238	14.889	ng/ul	98
90) Dibenzo(a,h)anthracene	25.48	278	105651	4.637	ng/ul#	74
91) Benzo(g,h,i)perylene	26.15	276	319771	14.396	ng/ul#	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

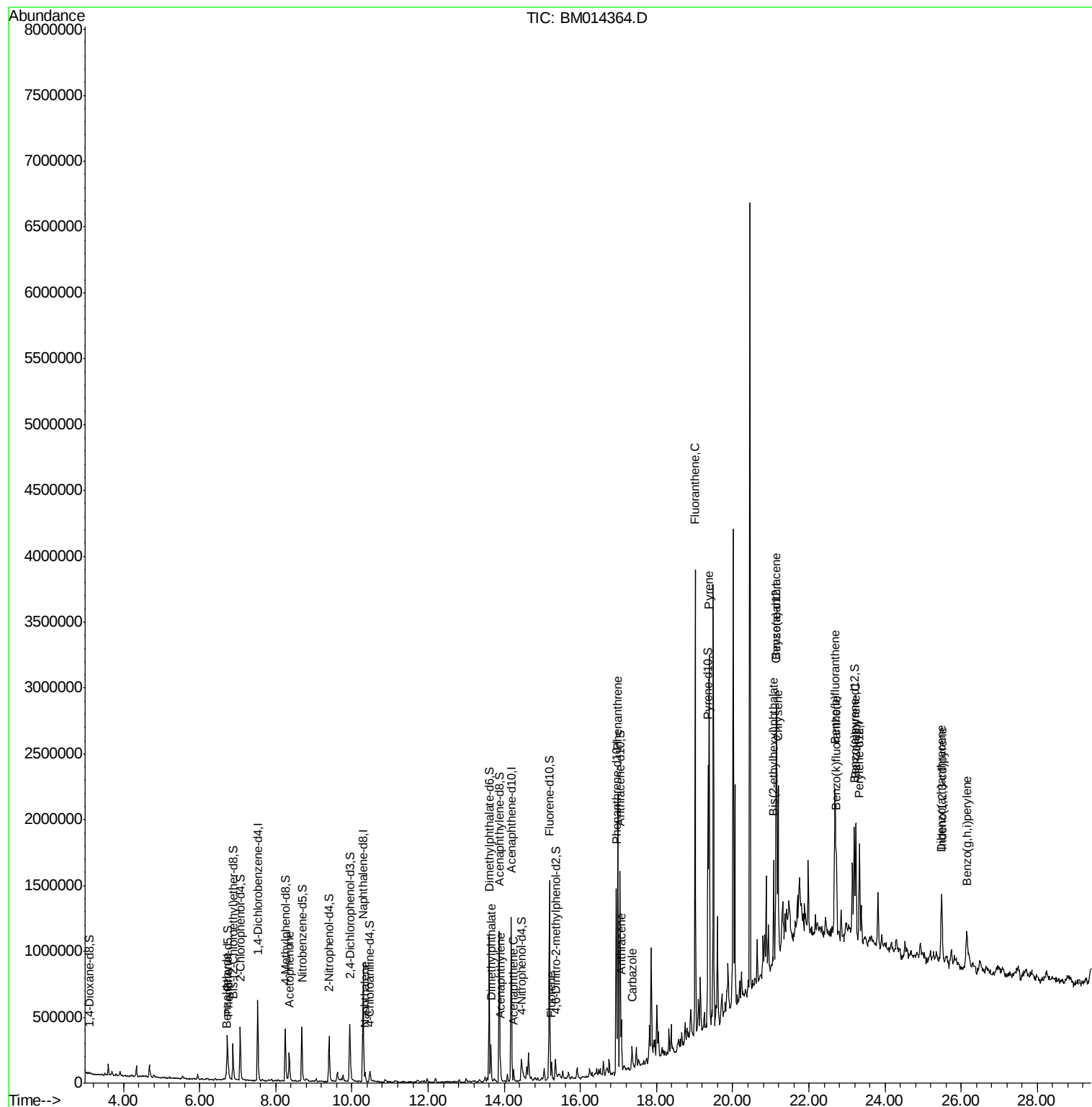
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
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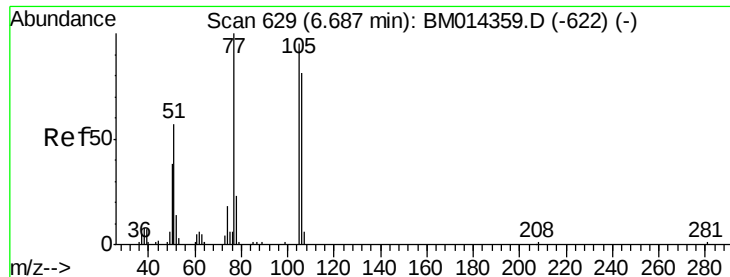
Instrument :
BNA_M
ClientSampled :
BE5Y4

Manual Integrations
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Quant Time: Feb 27 04:27:48 2018
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.546 ng/ul

RT: 6.69 min Scan# 630

Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Instrument :

BNA_M

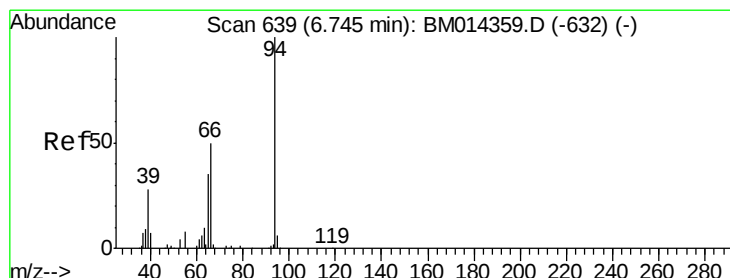
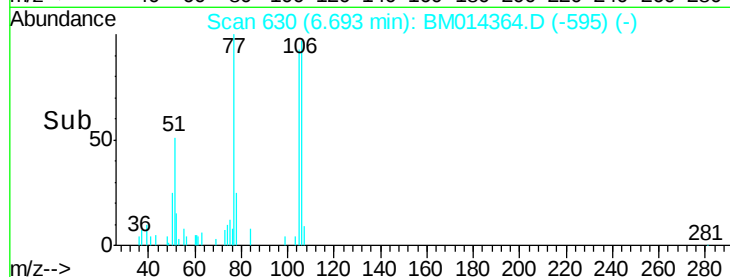
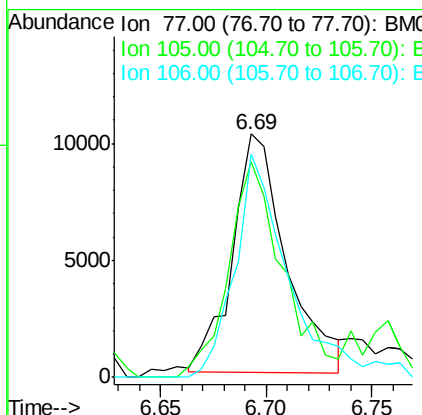
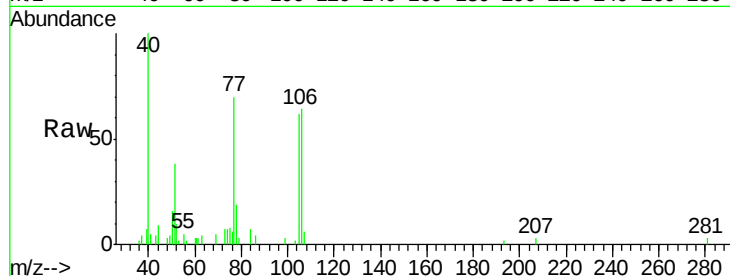
ClientSampled :

BE5Y4

Tgt Ion:	77	Resp:	18252
Ion Ratio	Lower	Upper	
77	100		
105	88.4	66.1	99.1
106	91.9	67.8	101.6

Manual Integrations
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#6

Phenol

Concen: 3.040 ng/ul

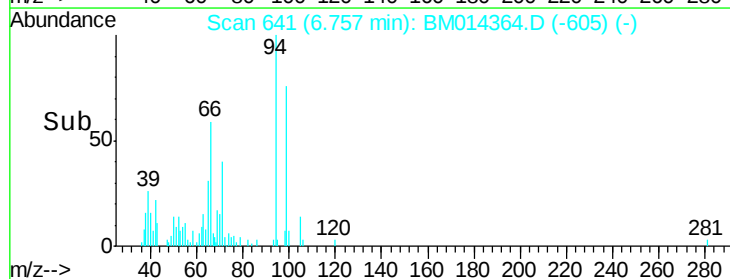
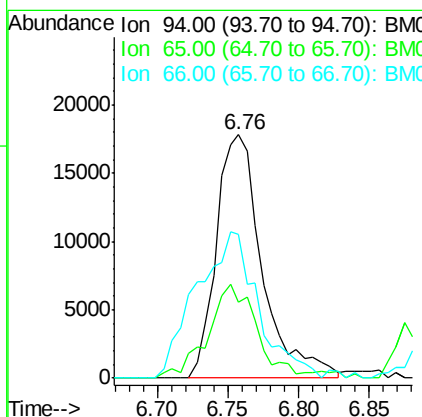
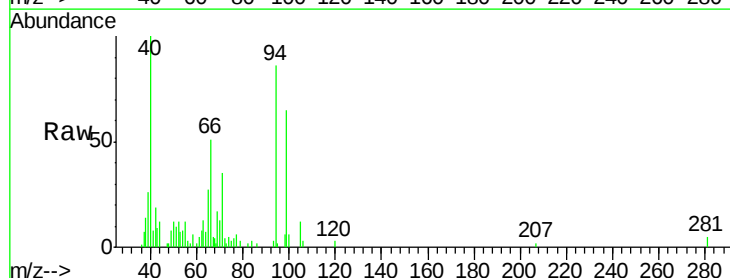
RT: 6.76 min Scan# 641

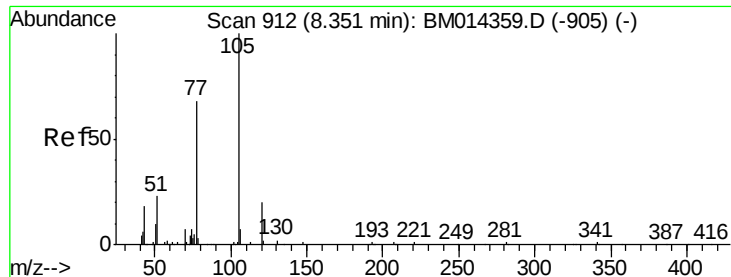
Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Tgt Ion:	94	Resp:	40276
Ion Ratio	Lower	Upper	
94	100		
65	31.0	28.2	42.4
66	59.3	47.2	70.8





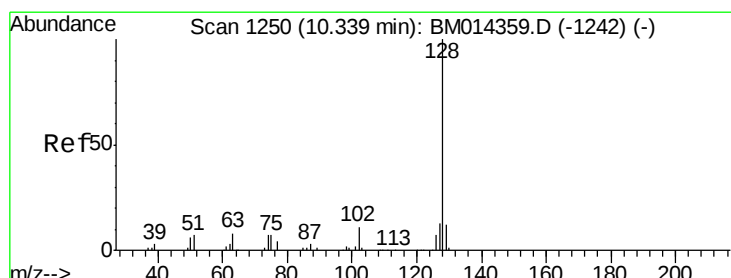
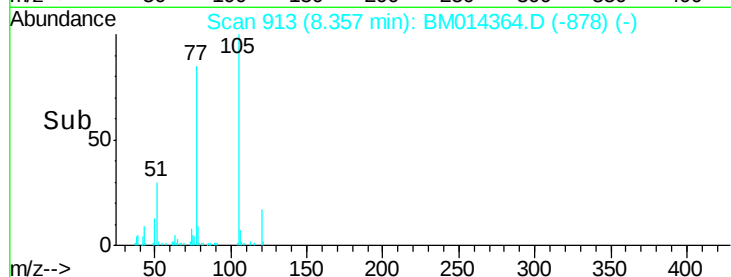
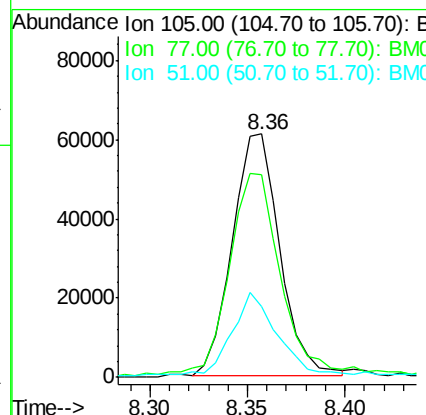
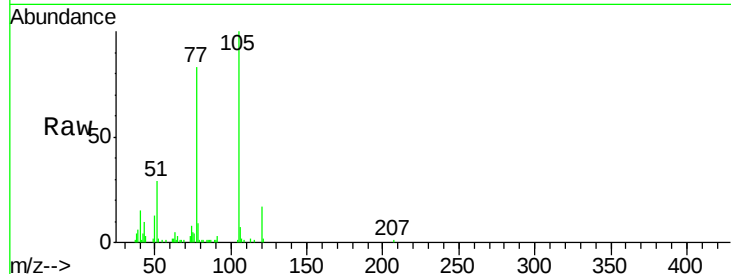
#14
Acetophenone
Concen: 5.428 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Tgt Ion	Ratio	Lower	Upper
105	100		
77	83.4	74.2	111.4
51	29.3	23.4	35.2

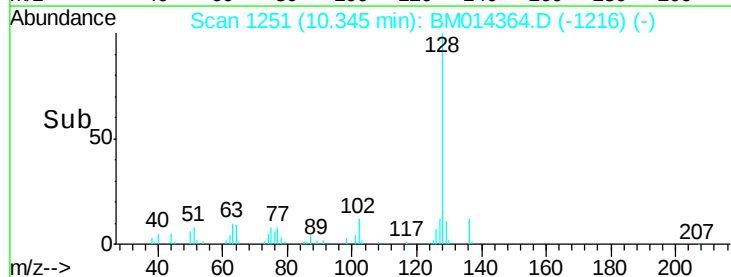
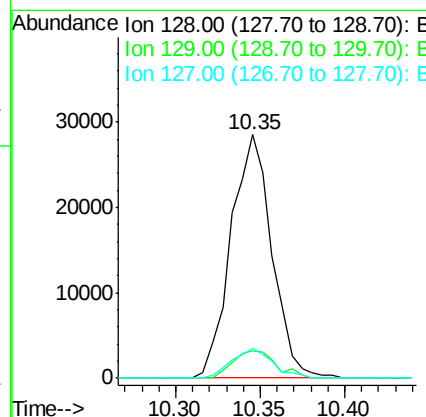
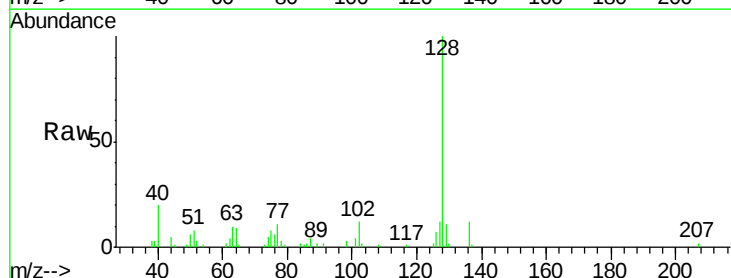
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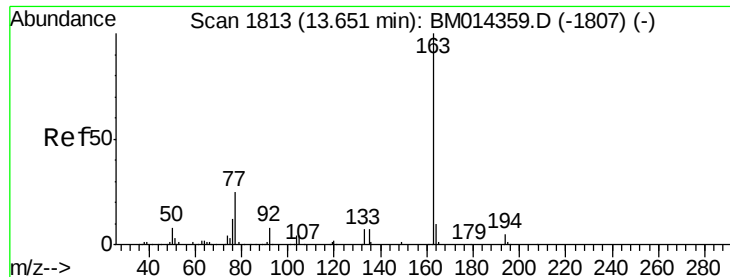
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#28
Naphthalene
Concen: 1.425 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.3	10.6	16.0





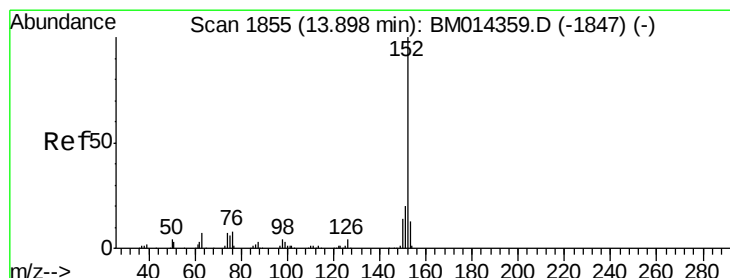
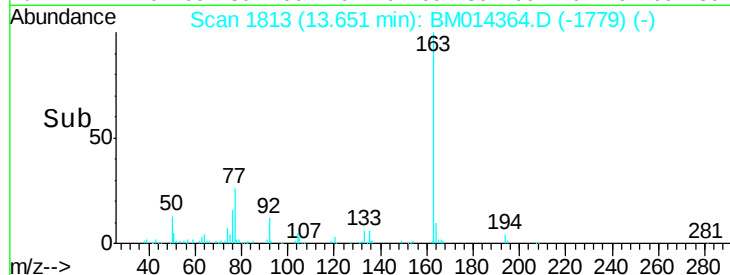
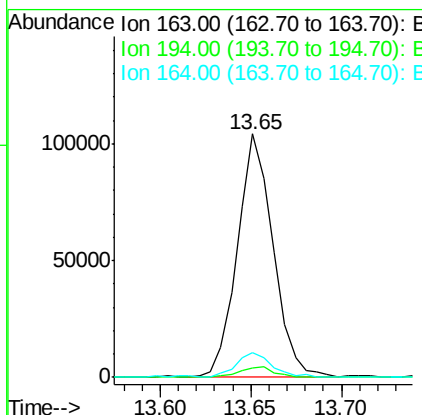
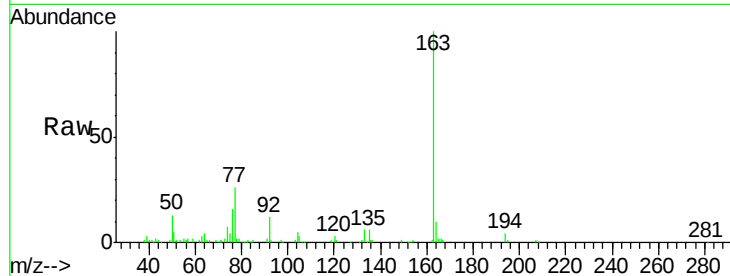
#44
Dimethylphthalate
Concen: 4.724 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampled :
BE5Y4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	143189		
194	3.9		3.5	5.3
164	10.0		8.2	12.4

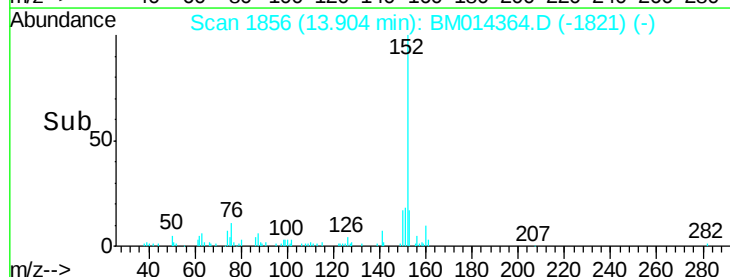
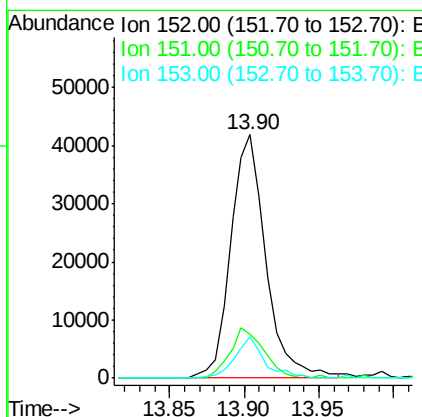
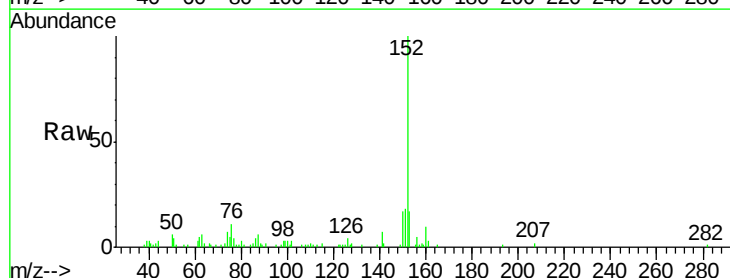
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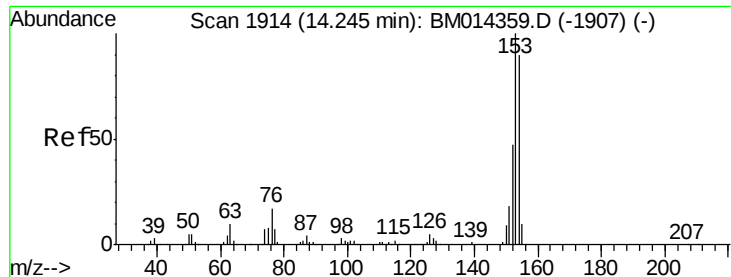
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#47
Acenaphthylene
Concen: 1.916 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	68624		
151	18.2		16.3	24.5
153	17.1		10.2	15.4#





#49

Acenaphthene

Concen: 1.356 ng/ul

RT: 14.25 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Instrument :

BNA_M

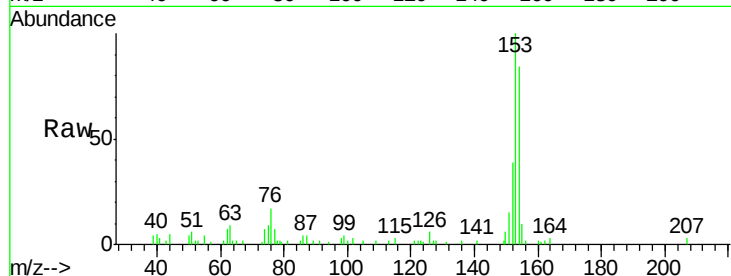
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BE5Y4

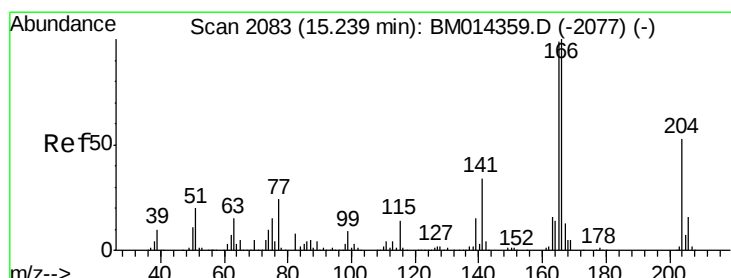
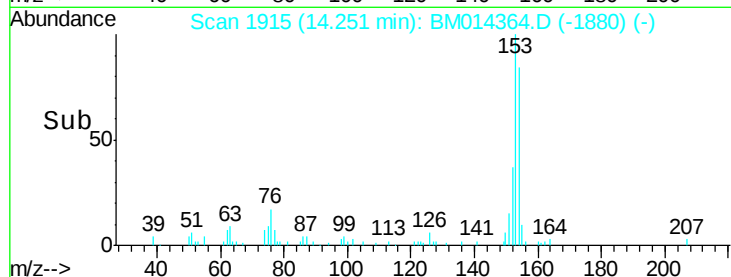
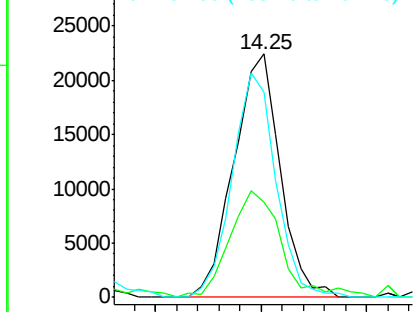
Tgt Ion:	153	Resp:	34198
Ion Ratio	Lower	Upper	
153	100		
152	38.8	37.6	56.4
154	84.1	70.4	105.6

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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



#58

Fluorene

Concen: 1.501 ng/ul

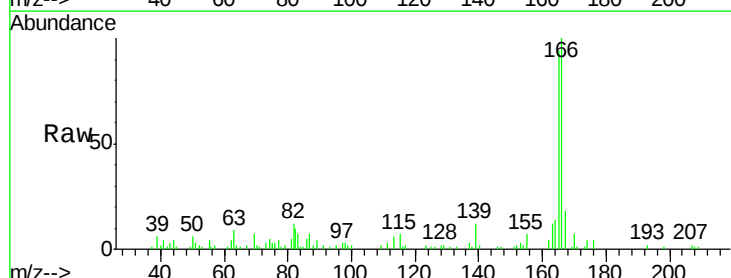
RT: 15.24 min Scan# 2083

Delta R.T. 0.00 min

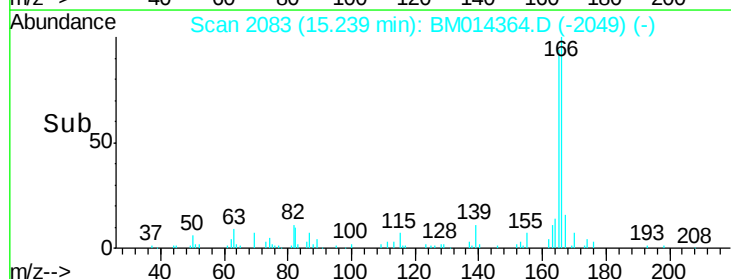
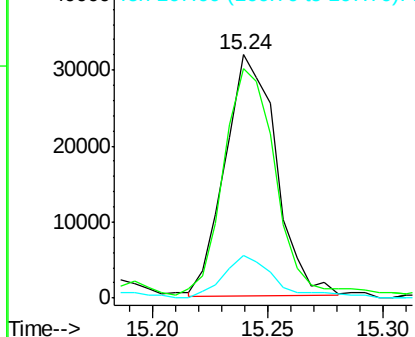
Lab File: BM014364.D

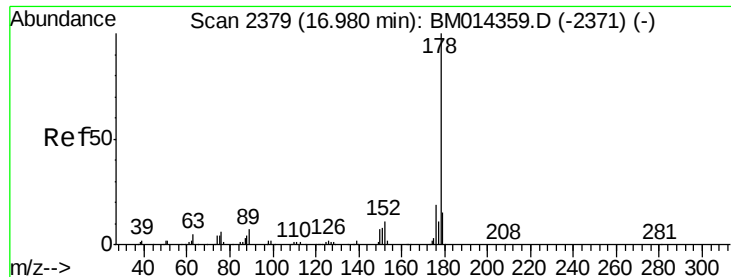
Acq: 26 Feb 2018 19:48

Tgt Ion:	166	Resp:	48995
Ion Ratio	Lower	Upper	
166	100		
165	94.3	77.9	116.9
167	17.6	10.6	16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





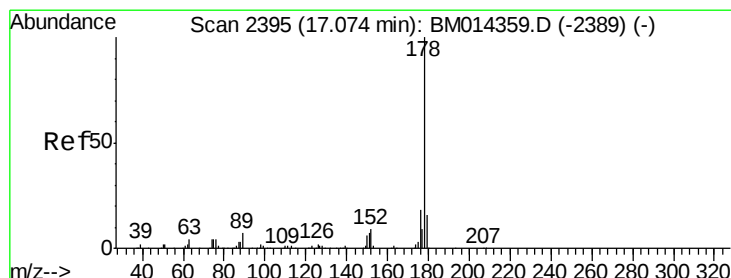
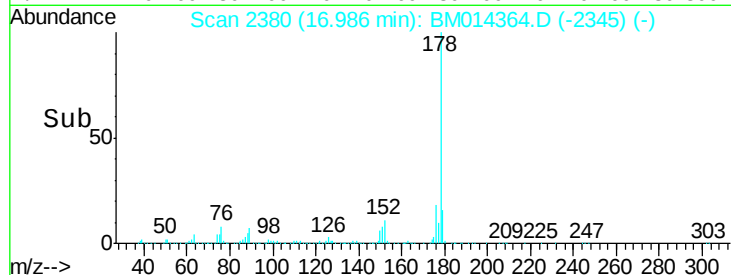
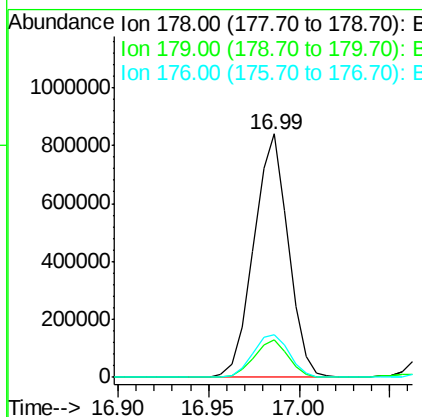
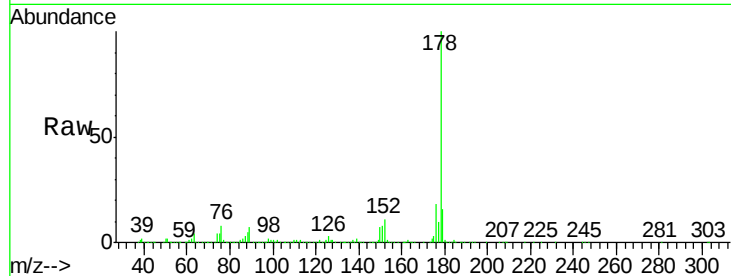
#69
Phenanthrene
Concen: 25.718 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampled :
BE5Y4

Tgt Ion:178 Resp: 1106101
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 17.7 14.9 22.3

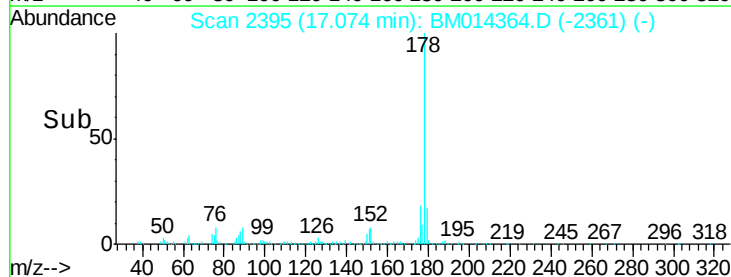
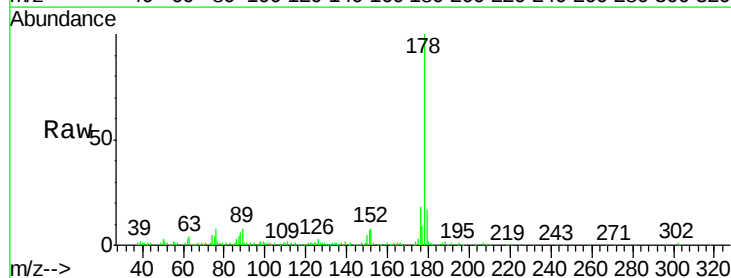
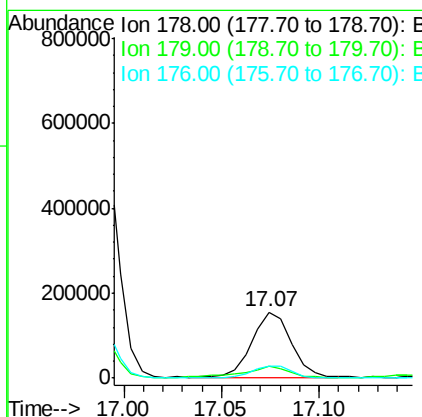
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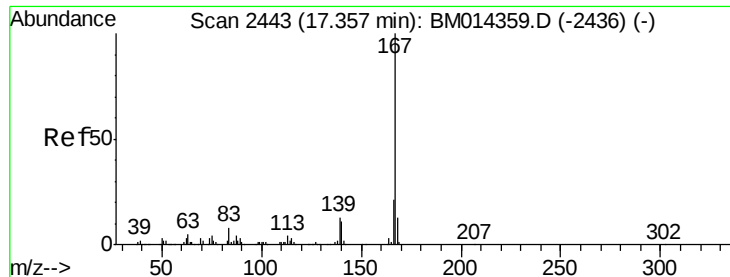
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#71
Anthracene
Concen: 4.934 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:178 Resp: 213397
Ion Ratio Lower Upper
178 100
179 17.2 11.7 17.5
176 18.4 14.6 21.8





#72

Carbazole

Concen: 2.288 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Instrument :

BNA_M

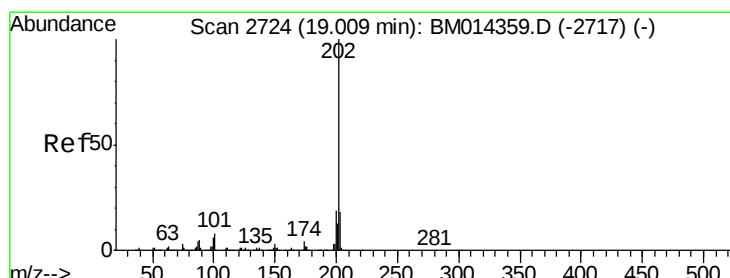
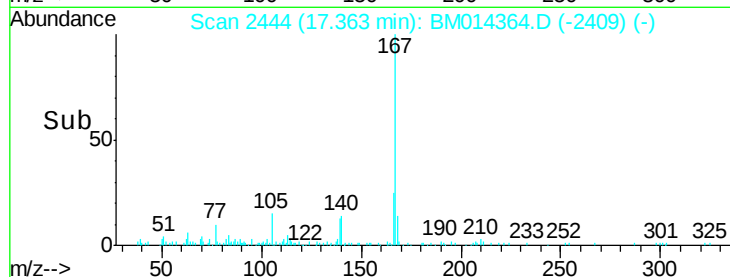
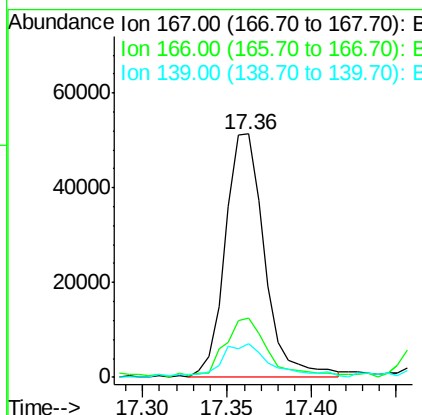
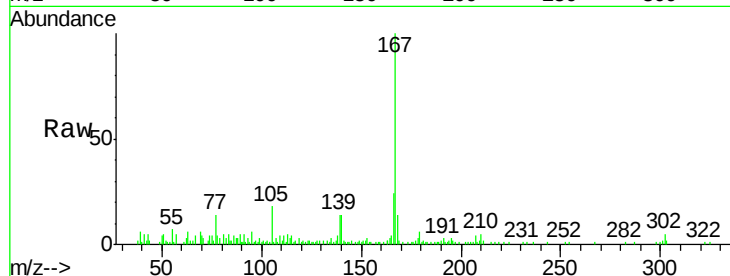
ClientSampleId :

BE5Y4

Tgt Ion:	167	Resp:	83229
Ion Ratio	Lower	Upper	
167	100		
166	24.5	17.1	25.7
139	13.8	10.0	15.0

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#74

Fluoranthene

Concen: 36.286 ng/ul

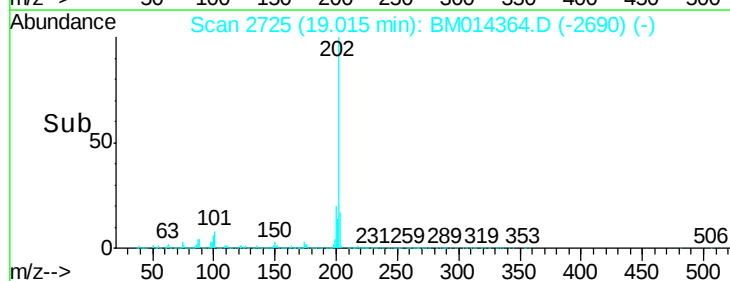
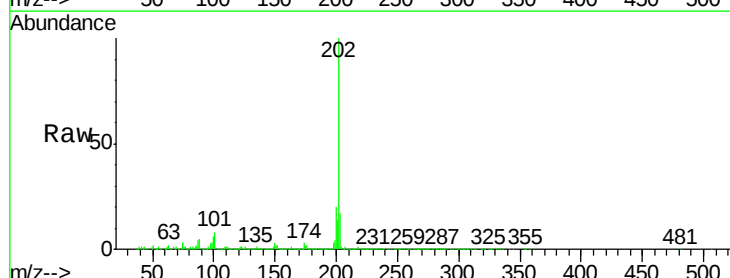
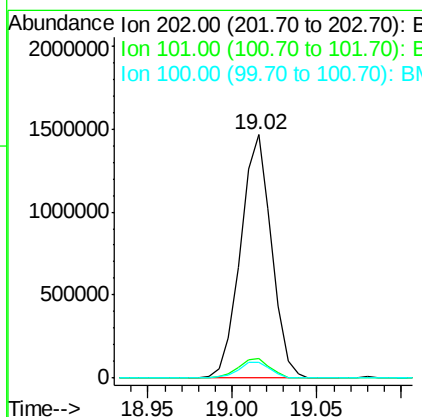
RT: 19.02 min Scan# 2725

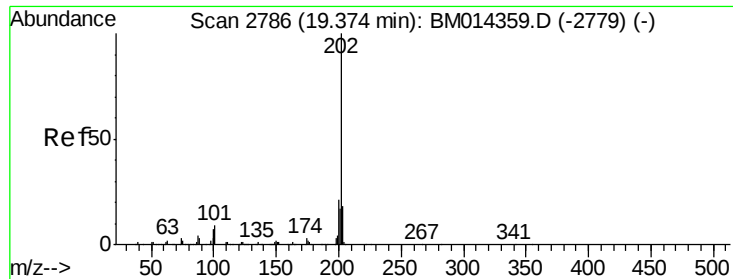
Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Tgt Ion:	202	Resp:	1864535
Ion Ratio	Lower	Upper	
202	100		
101	8.2	4.6	7.0#
100	6.4	3.4	5.2#





#77

Pyrene

Concen: 45.623 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Instrument :

BNA_M

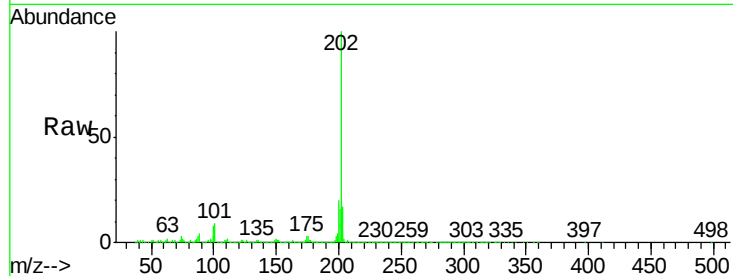
ClientSampleId :

BE5Y4

Tgt Ion:	202	Resp:	1582969
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#

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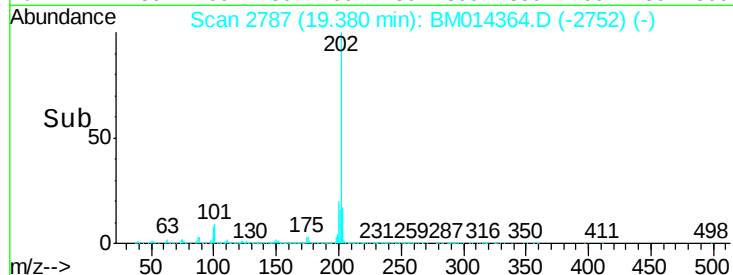


Abundance Ion 202.00 (201.70 to 202.70): E

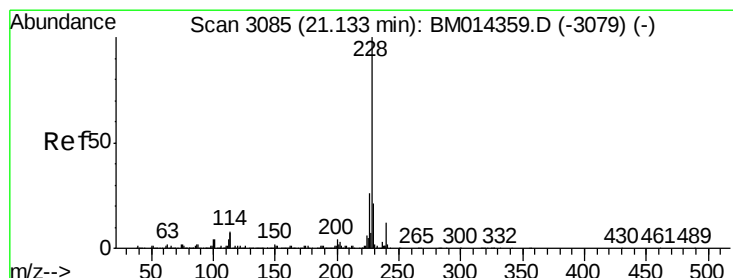
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 22.871 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

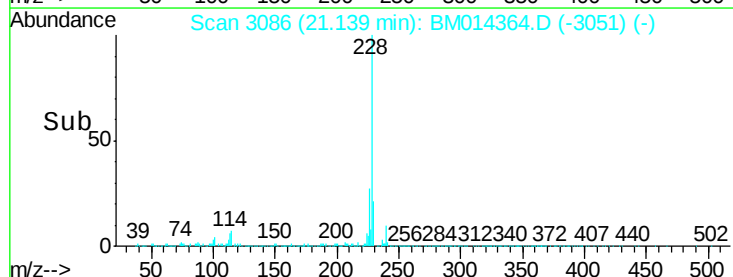
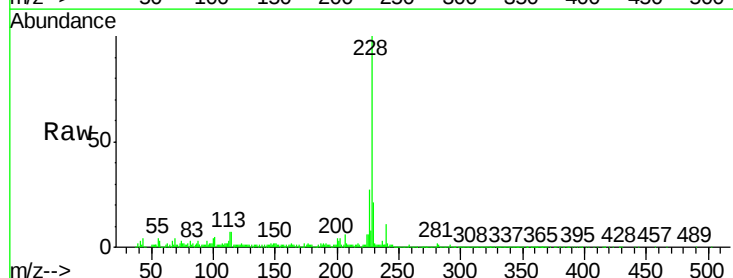
Tgt Ion:	228	Resp:	745227
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.4	23.0
226	27.0	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E

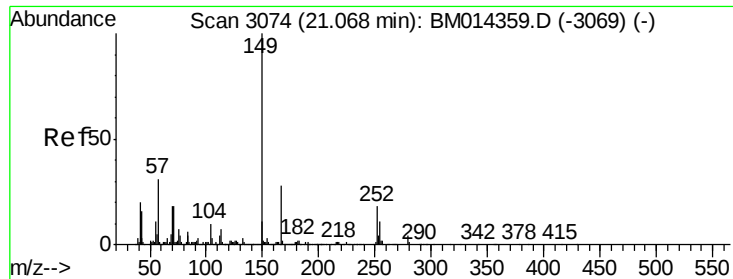
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 11.208 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Instrument :

BNA_M

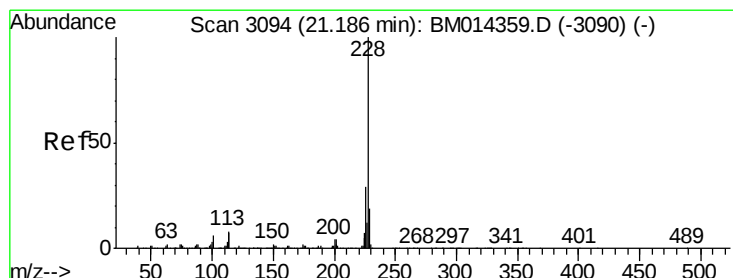
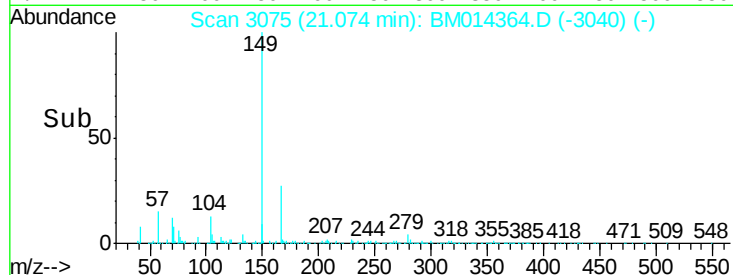
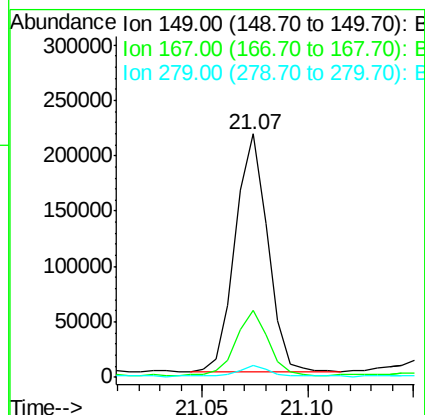
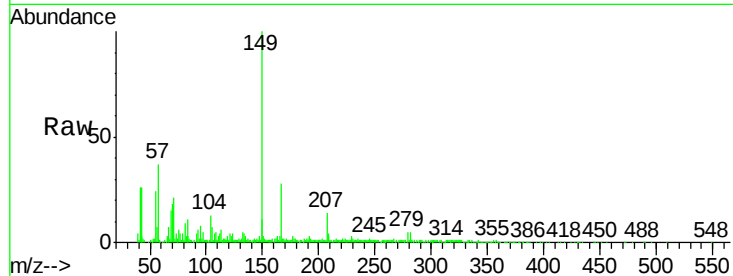
ClientSampled :

BE5Y4

Tgt Ion:	149	Resp:	230278
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.8	34.2
279	4.7	4.9	7.3#

Manual Integrations
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#82

Chrysene

Concen: 21.611 ng/ul

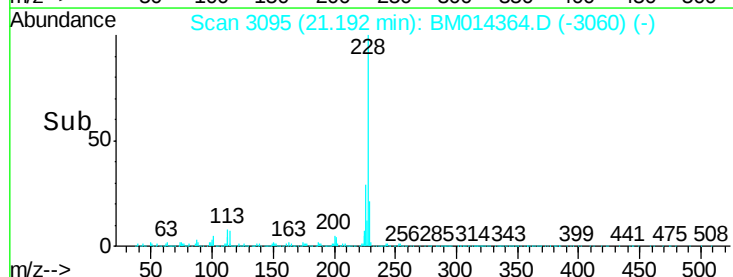
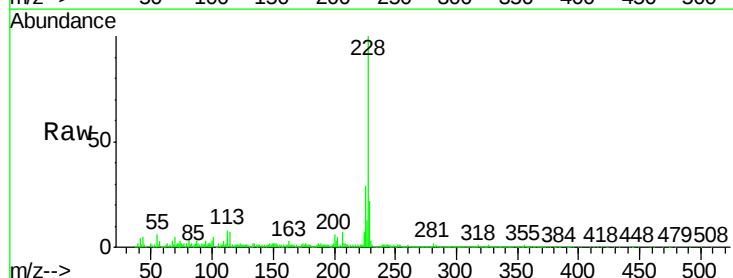
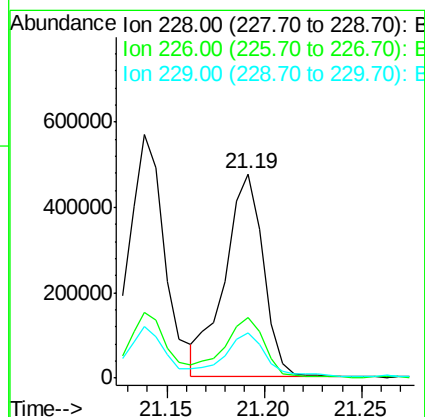
RT: 21.19 min Scan# 3095

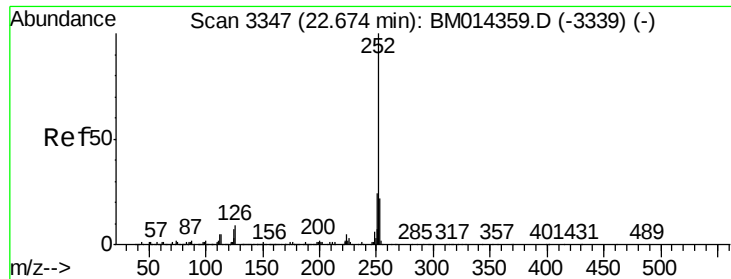
Delta R.T. 0.01 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Tgt Ion:	228	Resp:	656891
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.2
229	22.0	15.5	23.3





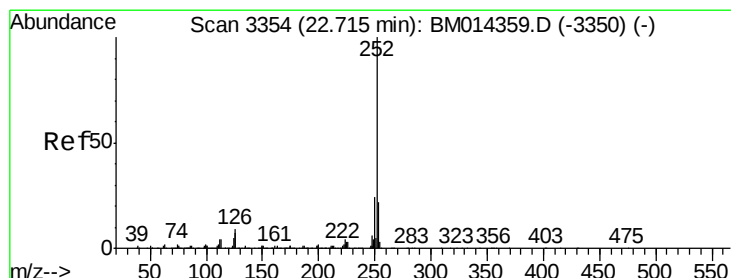
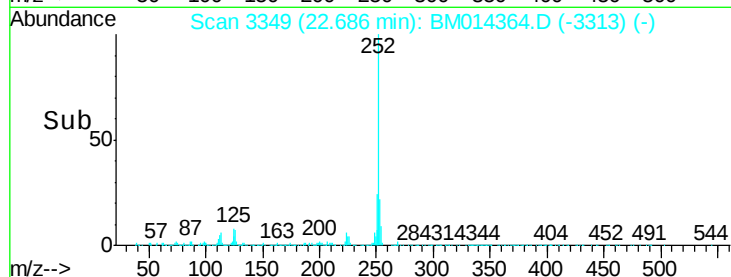
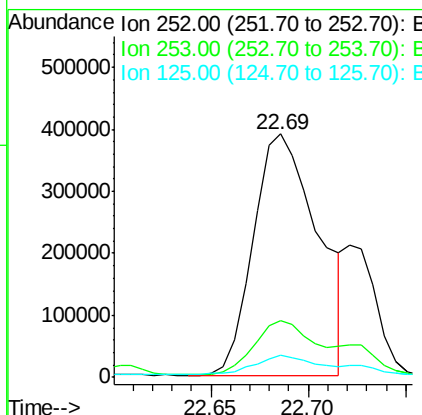
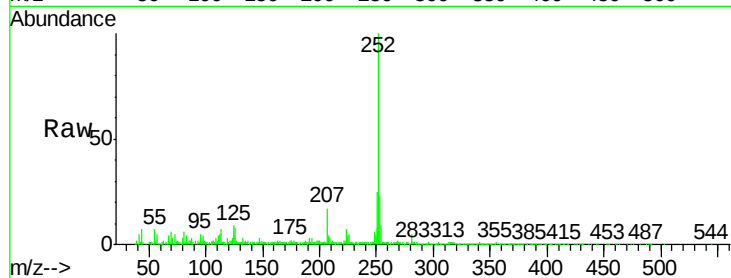
#85
Benzo(b)fluoranthene
Concen: 28.539 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampled :
BE5Y4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	9.1	3.6	5.4

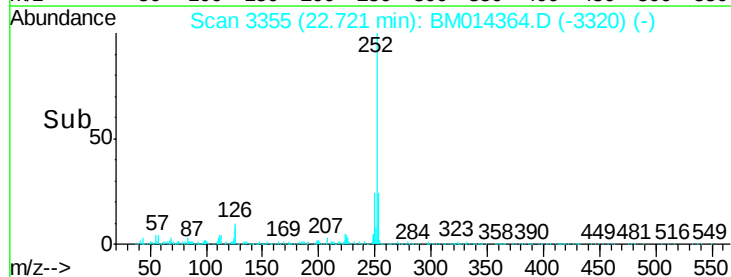
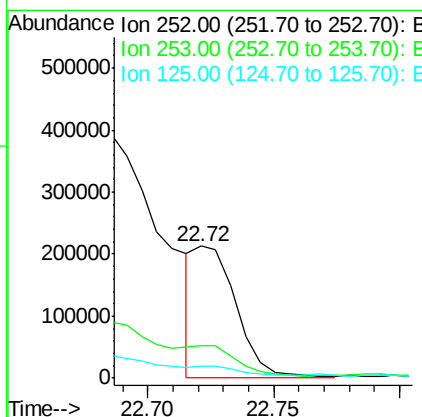
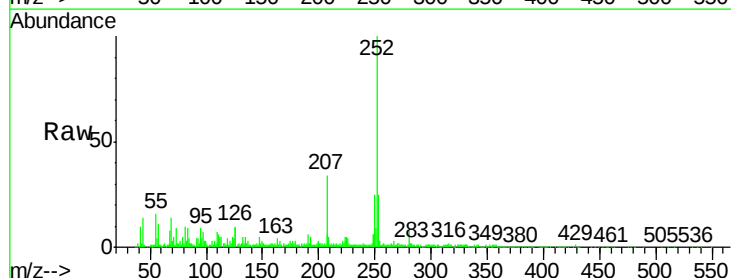
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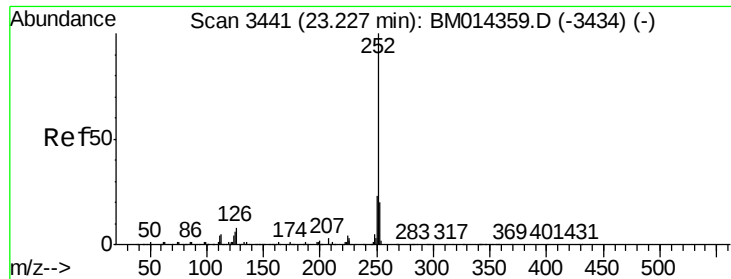
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#86
Benzo(k)fluoranthene
Concen: 7.939 ng/ul m
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	9.5	3.4	5.2





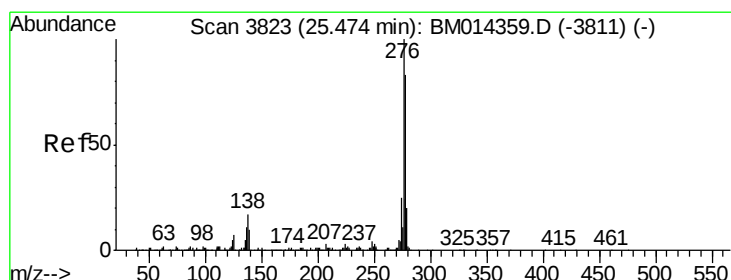
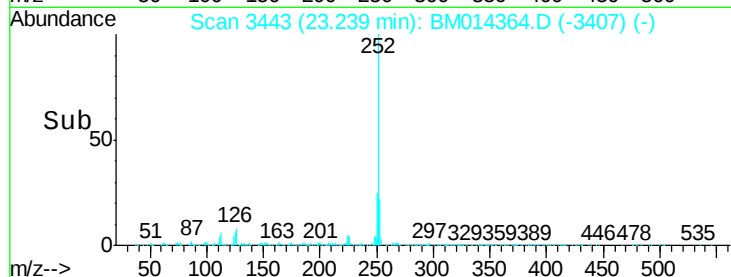
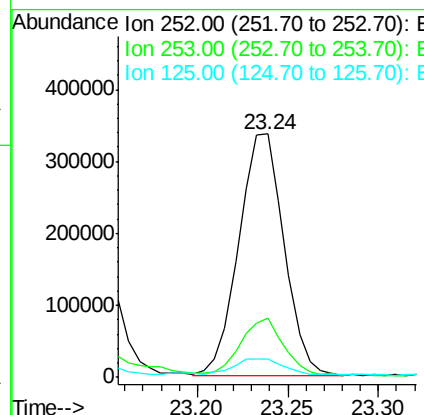
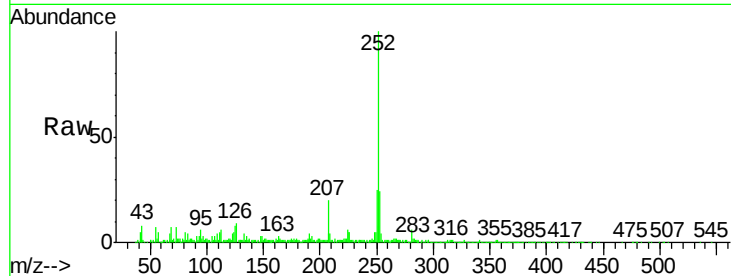
#88
Benzo(a)pyrene
Concen: 20.597 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	7.8	4.0	6.0

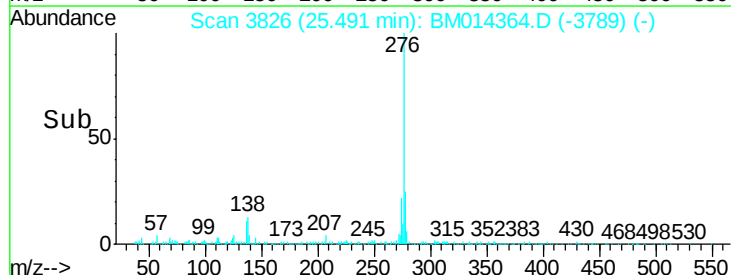
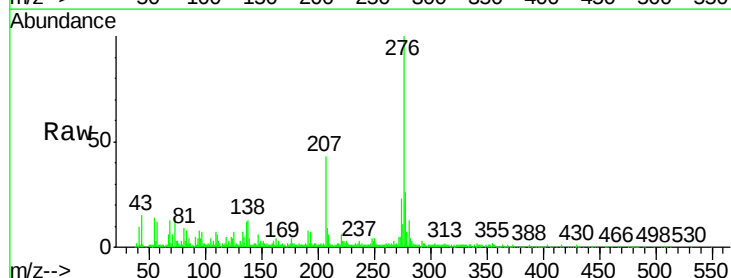
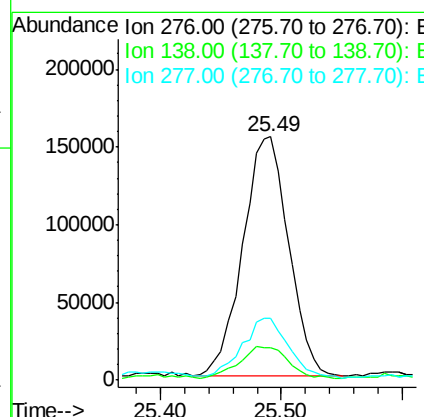
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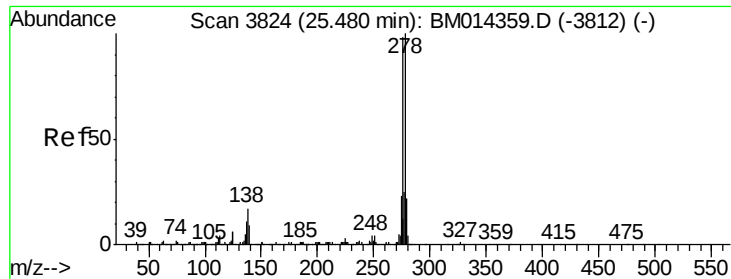
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#89
Indeno(1,2,3-cd)pyrene
Concen: 14.889 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.02 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	9.3	13.9
277	25.6	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 4.637 ng/ul

RT: 25.48 min Scan# 3824

Delta R.T. 0.00 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Instrument :

BNA_M

ClientSampleId :

BE5Y4

Tgt Ion: 278 Resp: 105651

Ion Ratio Lower Upper

278 100

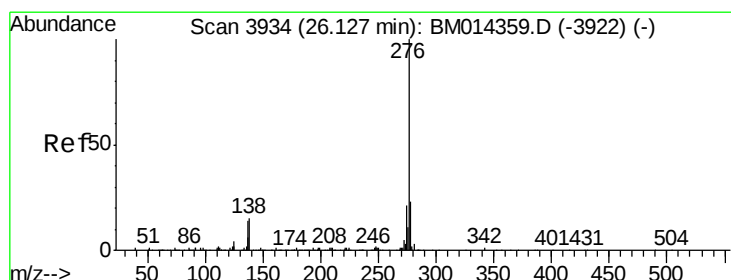
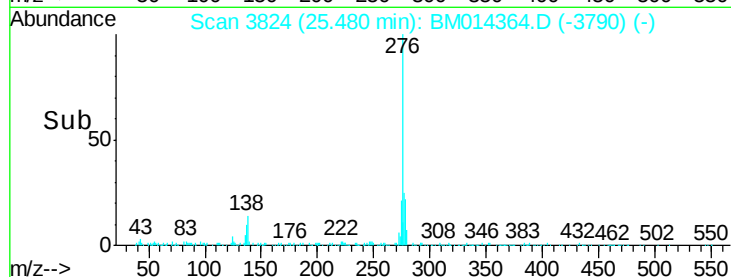
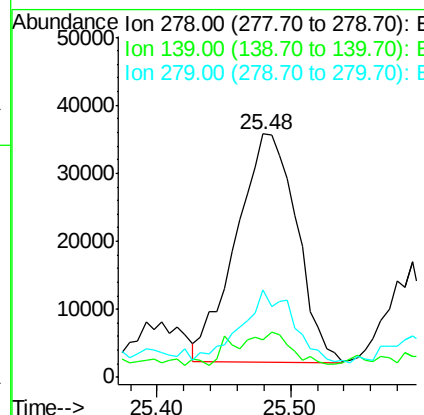
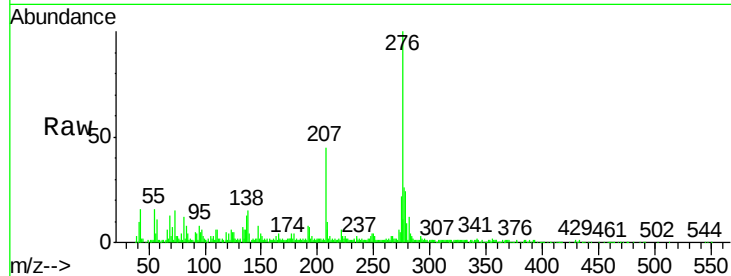
139 15.5 5.8 8.8#

279 36.0 18.6 27.8#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 14.396 ng/ul

RT: 26.15 min Scan# 3938

Delta R.T. 0.02 min

Lab File: BM014364.D

Acq: 26 Feb 2018 19:48

Tgt Ion: 276 Resp: 319771

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 23.7 18.6 28.0

