

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014375.D
 Acq On : 27 Feb 2018 02:23
 Operator : SJ/JU
 Sample : J1646-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5Y1

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:05:15 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	7.53	152	170768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	755724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	415914	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	788875	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	562865	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	520986	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	11960	3.00	ng/uL	0.00
5) Phenol-d5	6.73	99	294018	20.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	185771	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	251598	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	263241	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	131230	23.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	143085	24.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	260092	21.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	216585	18.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	872528	25.40	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1105853	26.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	58400m	12.31	ng/ul	0.02
57) Fluorene-d10	15.19	176	735340	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	11338	2.40	ng/ul	0.02
70) Anthracene-d10	17.04	188	1001995	26.33	ng/ul	0.00
76) Pyrene-d10	19.36	212	865856	29.83	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	649321	25.61	ng/ul	0.03

Target Compounds

					Qvalue	
4) Benzaldehyde	6.69	77	26074	4.431	ng/ul#	81
6) Phenol	6.75	94	52632	3.475	ng/ul	94
16) 4-Methylphenol	8.31	108	73890	5.853	ng/ul	86
28) Naphthalene	10.35	128	203003	5.230	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	104177	3.526	ng/ul	100
44) Dimethylphthalate	13.65	163	201366	5.945	ng/ul	98
56) Diethylphthalate	15.03	149	110385	2.925	ng/ul	96
58) Fluorene	15.24	166	47182	1.293	ng/ul	98
69) Phenanthrene	16.99	178	690853	15.200	ng/ul	99
71) Anthracene	17.08	178	168273	3.681	ng/ul	97
72) Carbazole	17.36	167	58524	1.523	ng/ul#	88
74) Fluoranthene	19.02	202	1199835	22.095	ng/ul#	93
77) Pyrene	19.39	202	1082852	28.948	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	595598	16.955	ng/ul	97
82) Chrysene	21.20	228	631455m	19.269	ng/ul	
85) Benzo(b)fluoranthene	22.70	252	918299	26.324	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	217469m	6.557	ng/ul	
88) Benzo(a)pyrene	23.25	252	605737	19.432	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.51	276	424291	14.027	ng/ul	98
90) Dibenzo(a,h)anthracene	25.50	278	112172	4.463	ng/ul#	71
91) Benzo(g,h,i)perylene	26.18	276	386344	15.766	ng/ul#	93

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
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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

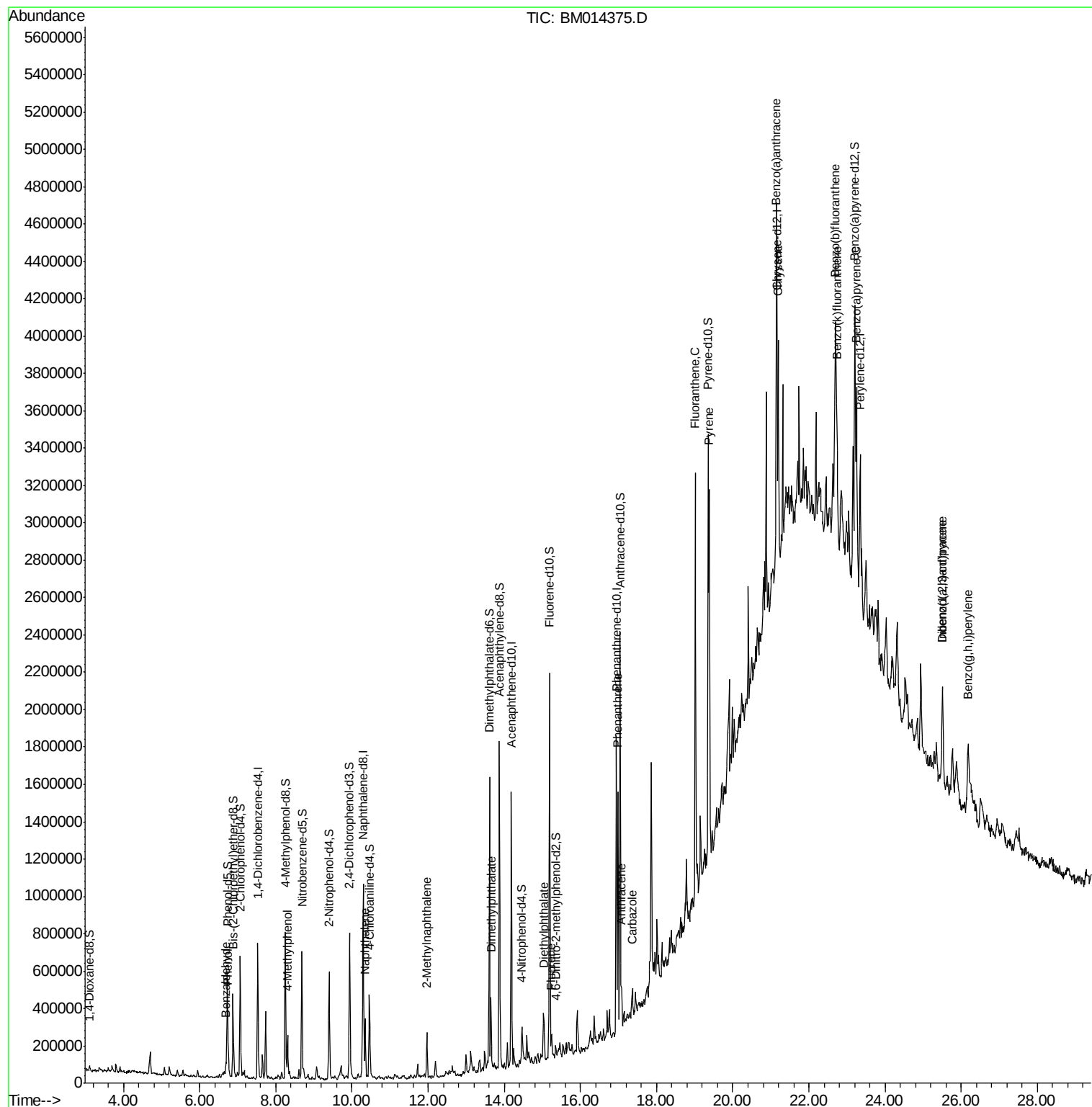
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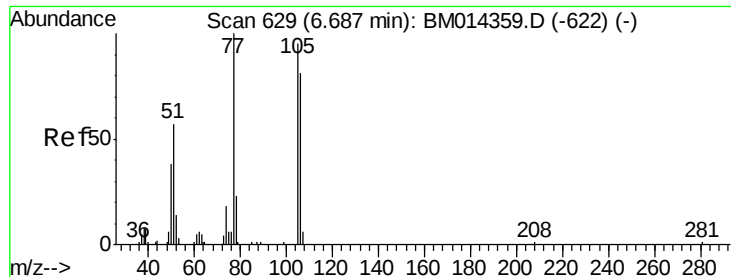
Instrument :
BNA_M
ClientSampleId :
BE5Y1

Manual Integrations
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#4

Benzaldehyde

Concen: 4.431 ng/ul

RT: 6.69 min Scan# 630

Delta R.T. 0.01 min

Lab File: BM014375.D

Acq: 27 Feb 2018 02:23

Instrument :

BNA_M

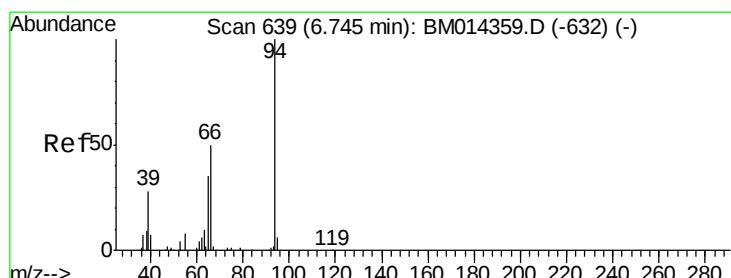
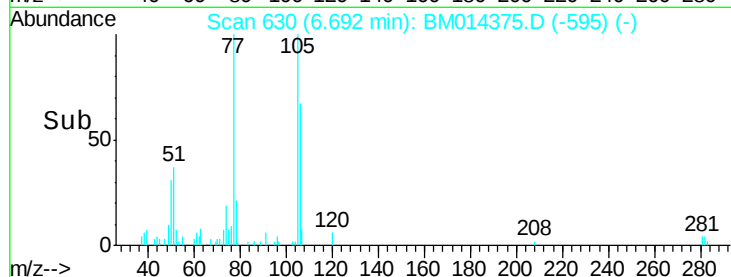
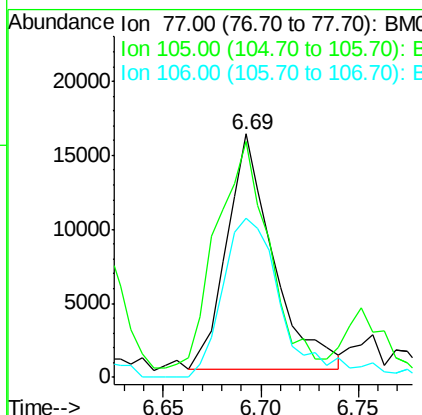
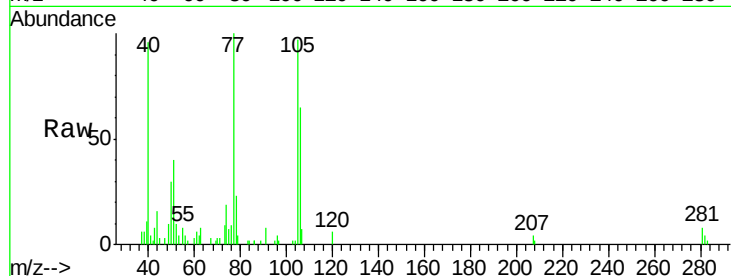
ClientSampled :

BE5Y1

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.9	66.1	99.1
106	65.2	67.8	101.6

Manual Integrations
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#6

Phenol

Concen: 3.475 ng/ul

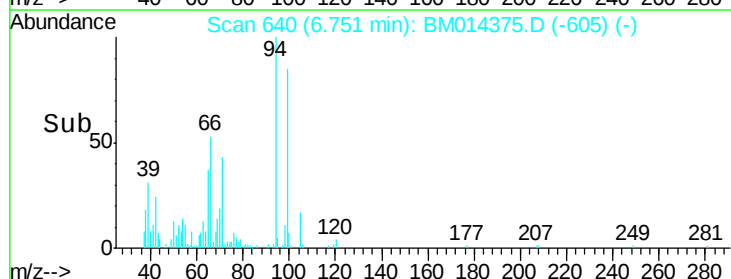
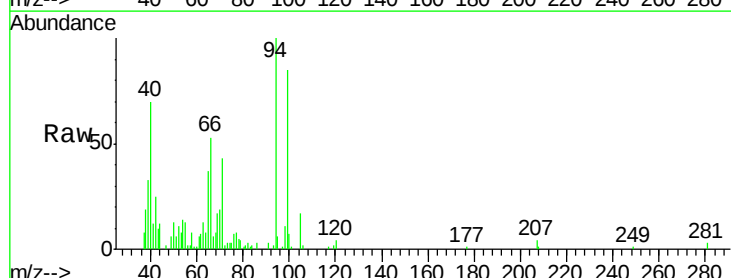
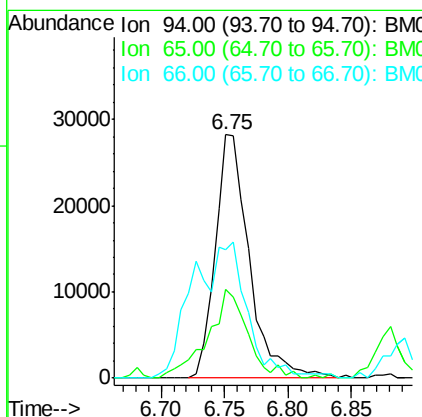
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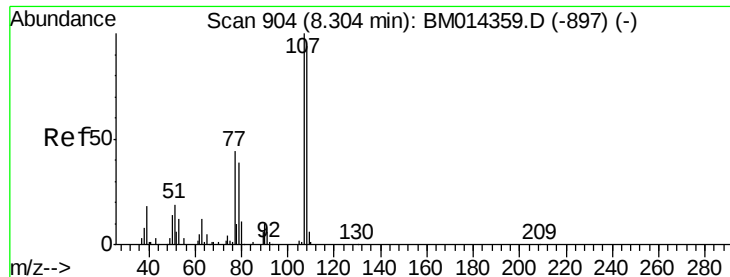
Delta R.T. 0.01 min

Lab File: BM014375.D

Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.5	28.2	42.4
66	52.5	47.2	70.8





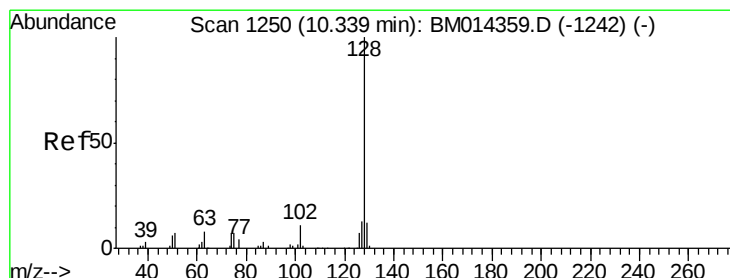
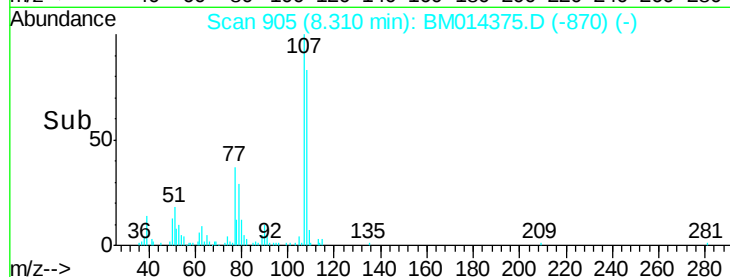
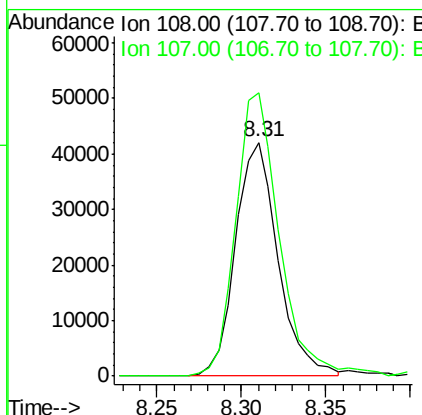
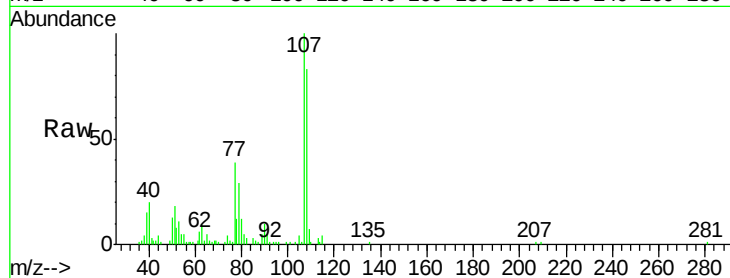
#16
4-Methylphenol
Concen: 5.853 ng/ul
RT: 8.31 min Scan# 905
Delta R.T. 0.01 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Tgt Ion	Ratio	Lower	Upper
108	100		
107	121.0	84.9	127.3

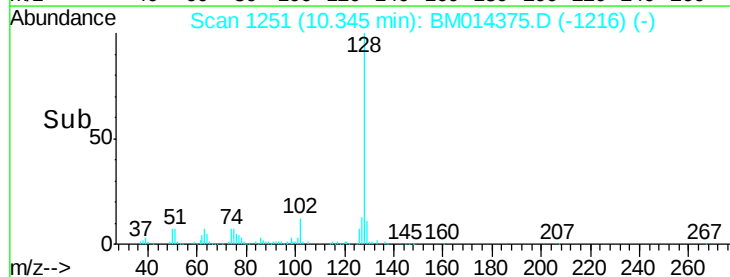
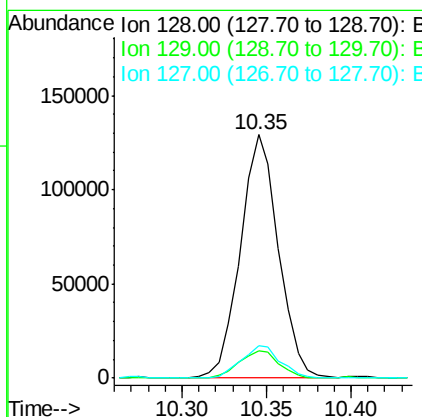
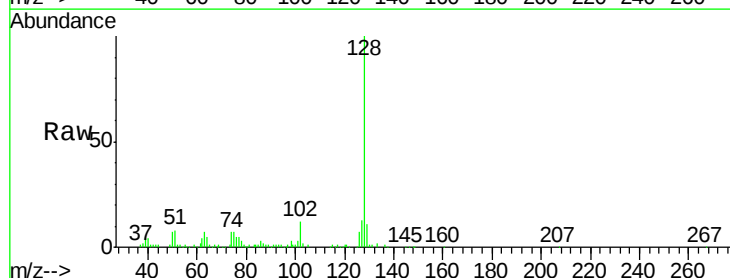
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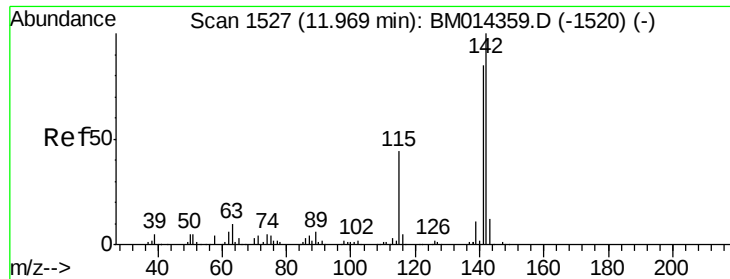
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#28
Naphthalene
Concen: 5.230 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.1	10.6	16.0





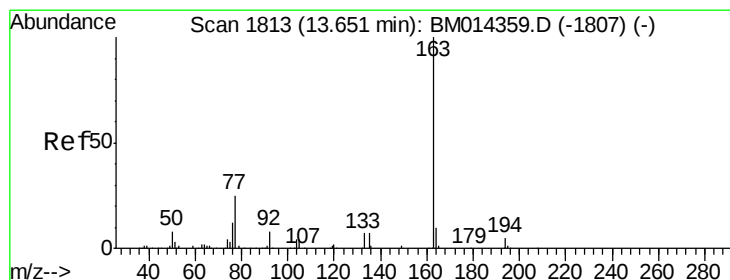
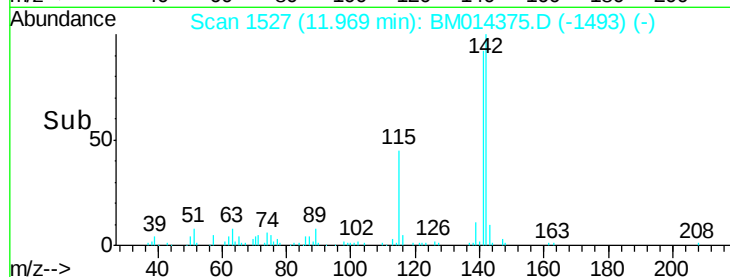
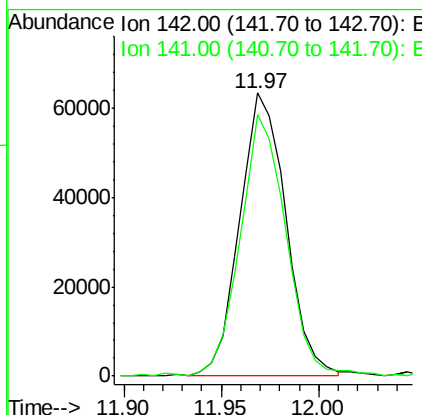
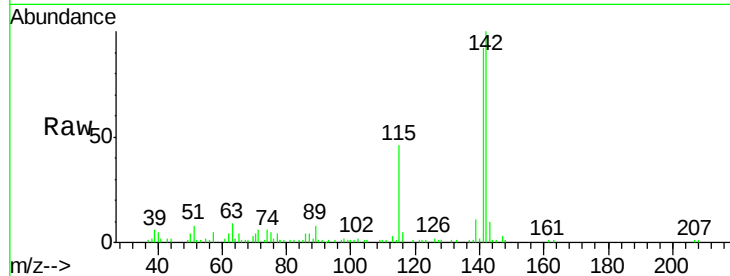
#34
2-Methylnaphthalene
Concen: 3.526 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Tgt Ion:142 Resp: 104177
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

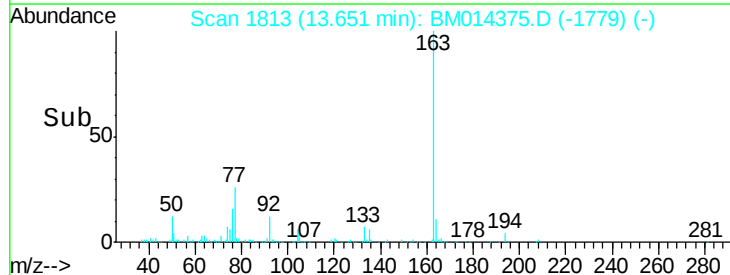
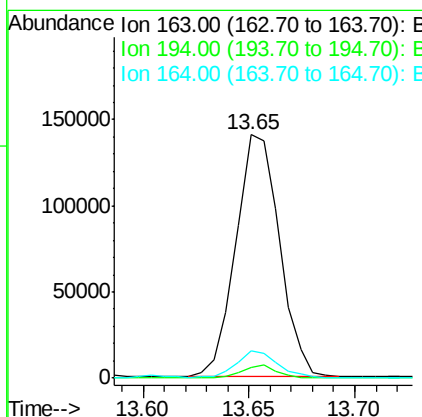
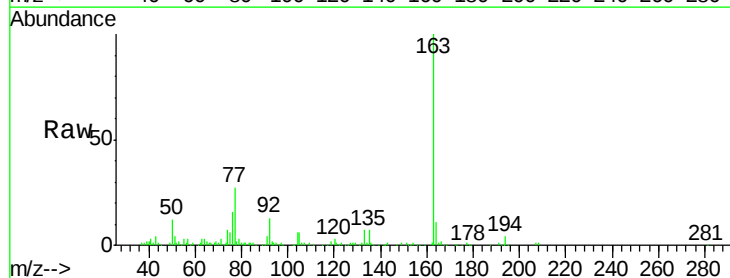
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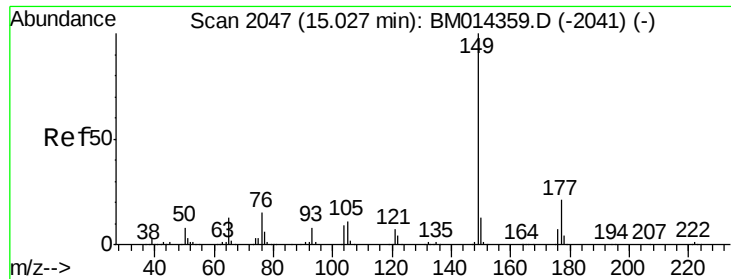
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#44
Dimethylphthalate
Concen: 5.945 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Tgt Ion:163 Resp: 201366
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 11.2 8.2 12.4





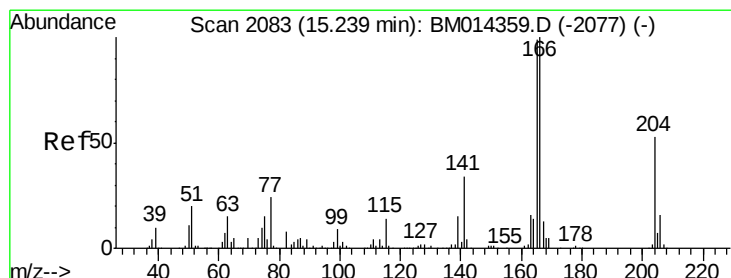
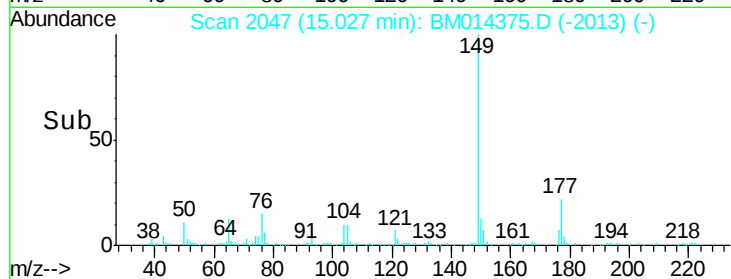
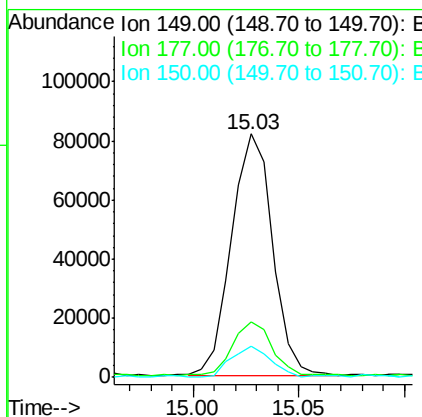
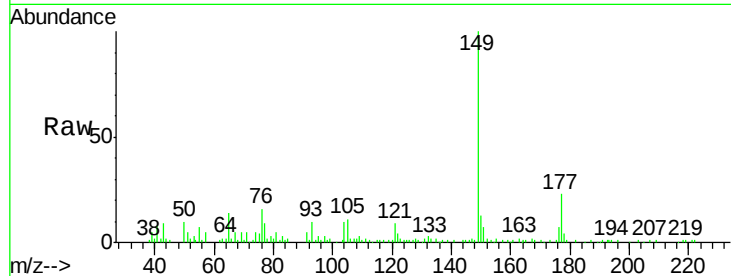
#56
Diethylphthalate
Concen: 2.925 ng/ul
RT: 15.03 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Instrument :
BNA_M
ClientSampled :
BE5Y1

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	110385		
177	22.7	20.5	30.7	
150	12.9	10.6	15.8	

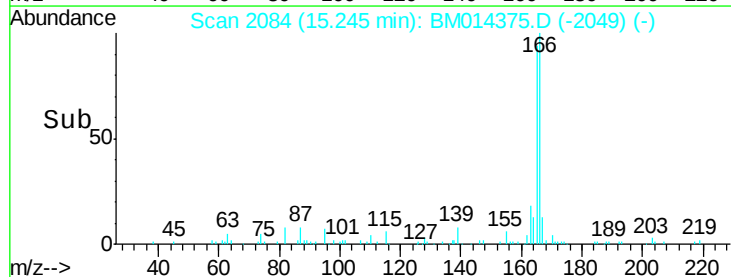
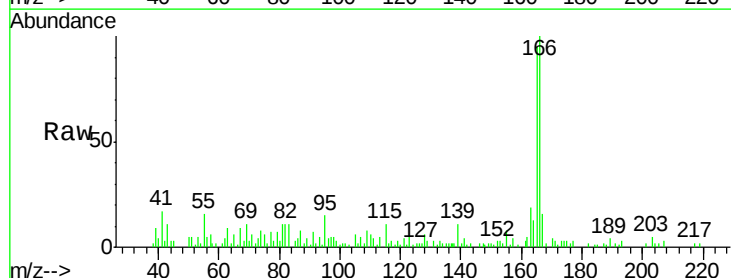
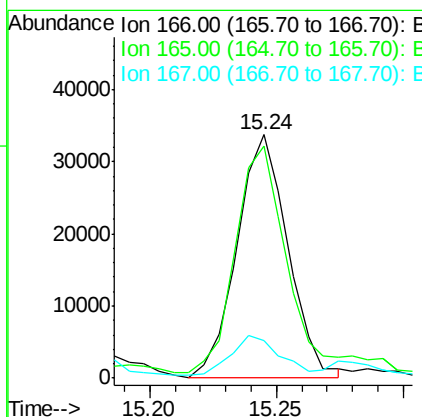
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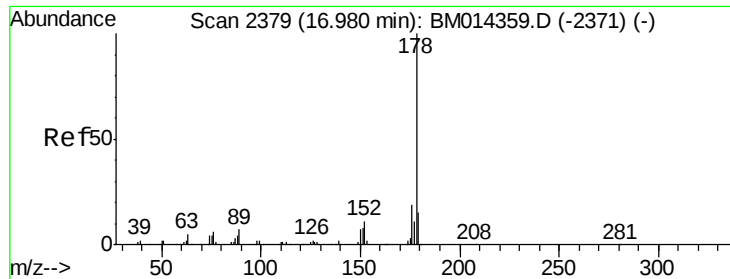
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#58
Fluorene
Concen: 1.293 ng/ul
RT: 15.24 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	47182		
165	95.4	77.9	116.9	
167	15.6	10.6	16.0	





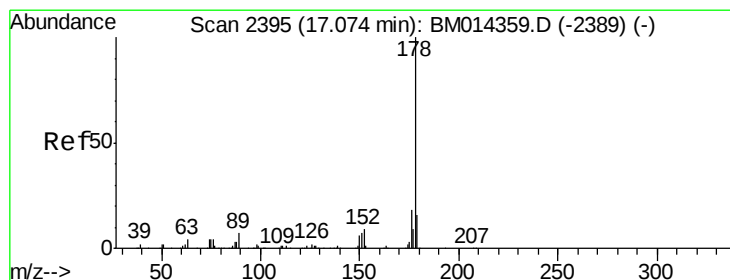
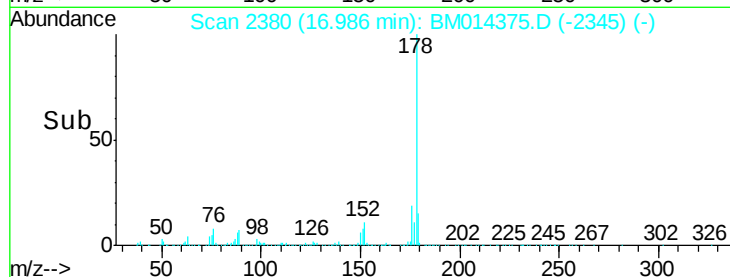
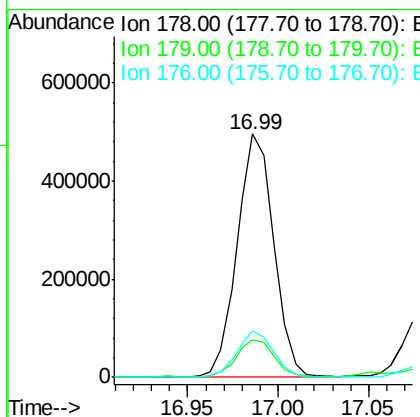
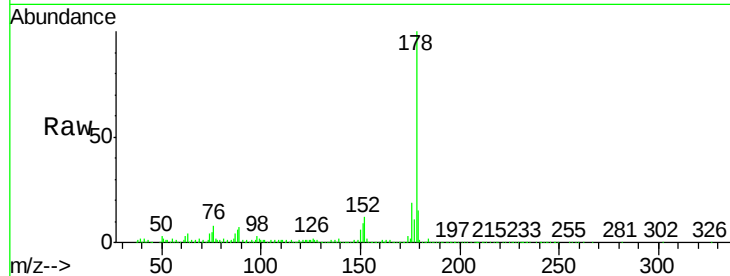
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Phenanthrene
Concen: 15.200 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	690853		
179	15.4		12.6	19.0
176	18.9		14.9	22.3

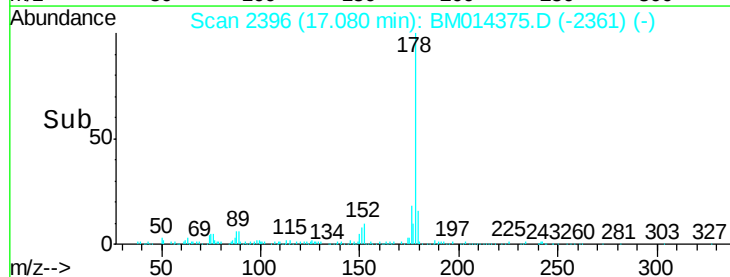
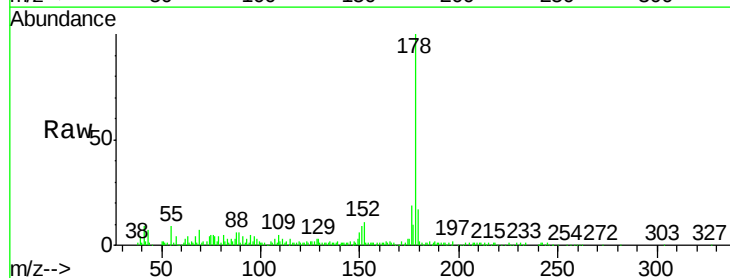
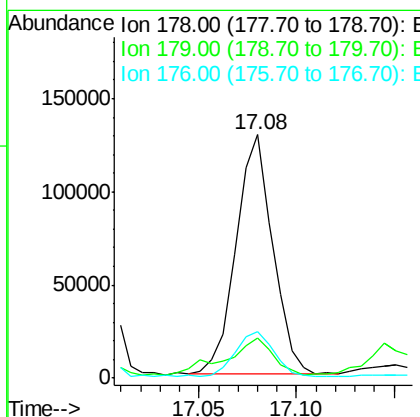
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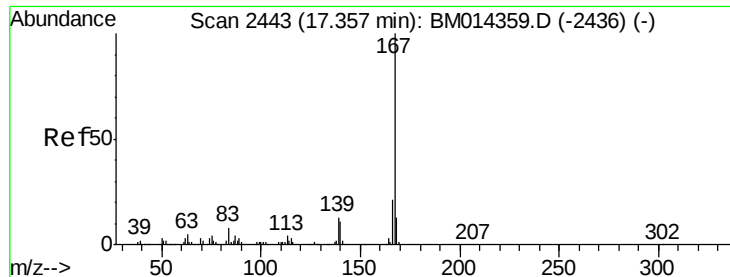
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#71
Anthracene
Concen: 3.681 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	168273		
179	16.5		11.7	17.5
176	18.9		14.6	21.8





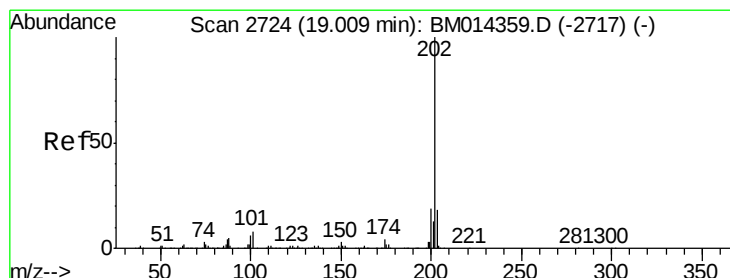
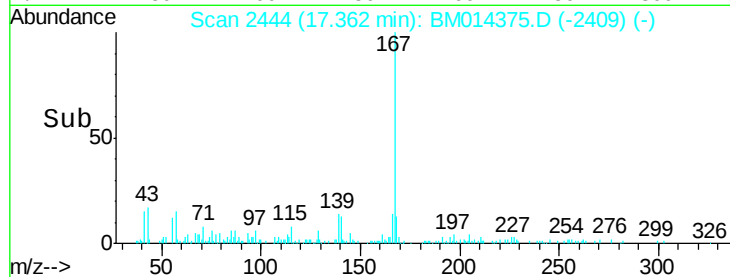
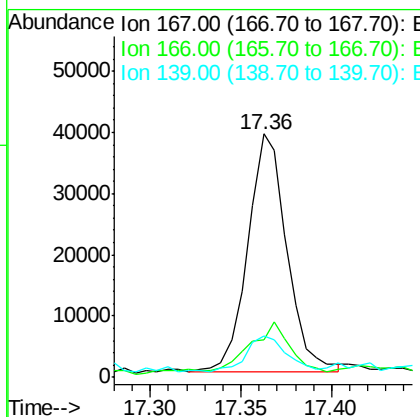
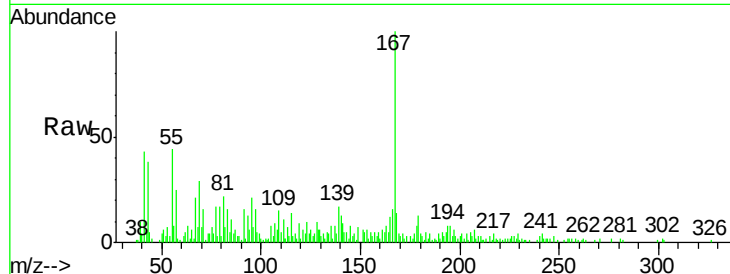
#72
 Carbazole
 Concen: 1.523 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Instrument :
 BNA_M
 ClientSampled :
 BE5Y1

Tgt Ion	Ratio	Lower	Upper
167	100		
166	15.6	17.1	25.7#
139	17.1	10.0	15.0#

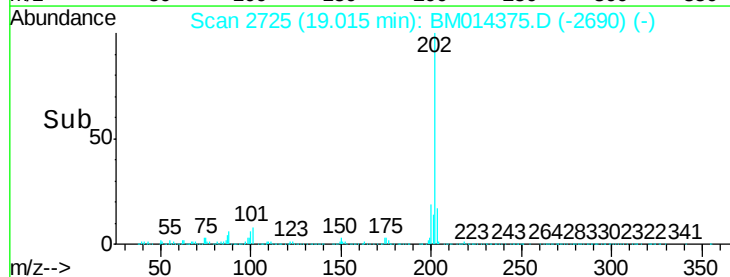
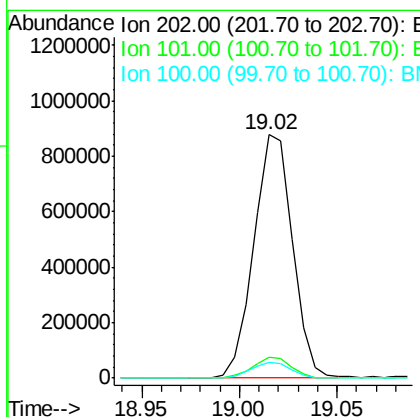
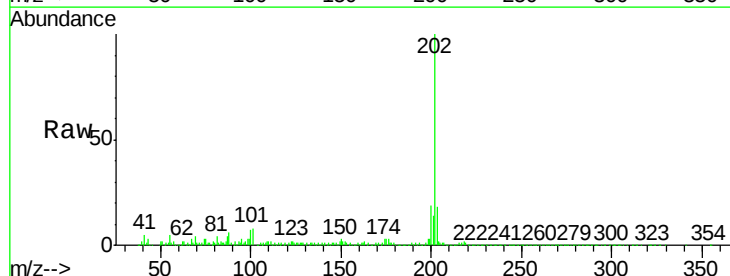
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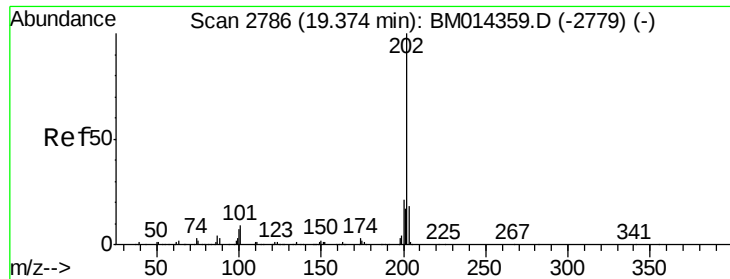
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#74
 Fluoranthene
 Concen: 22.095 ng/ul
 RT: 19.02 min Scan# 2725
 Delta R.T. 0.01 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	4.6	7.0#
100	6.6	3.4	5.2#





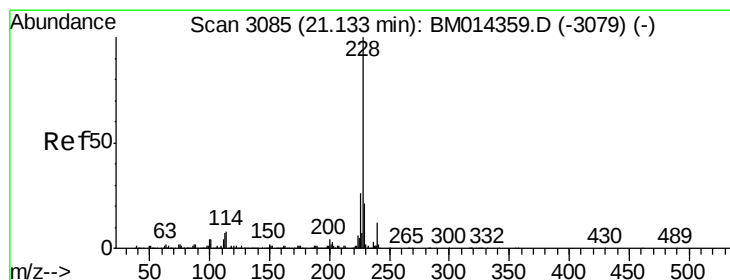
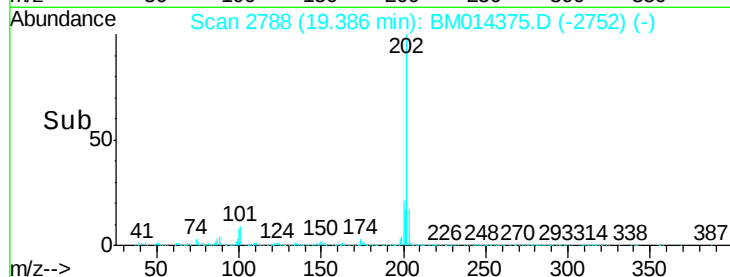
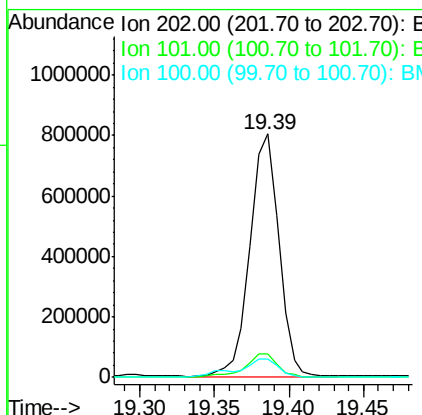
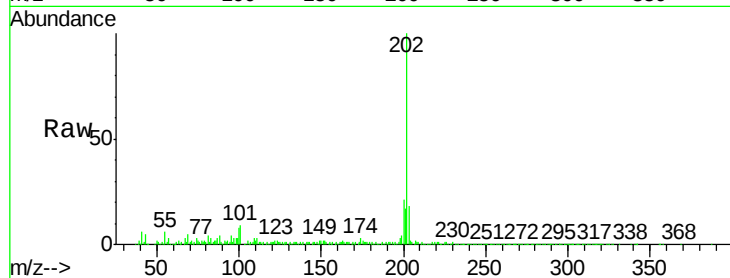
#77
 Pyrene
 Concen: 28.948 ng/ul
 RT: 19.39 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Instrument :
 BNA_M
 ClientSampled :
 BE5Y1

Tgt Ion:	202	Resp:	1082852
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	7.7	4.9	7.3#

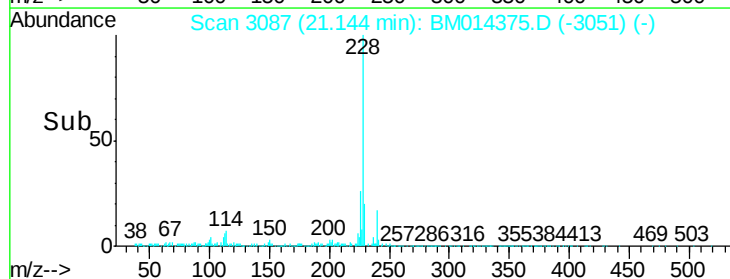
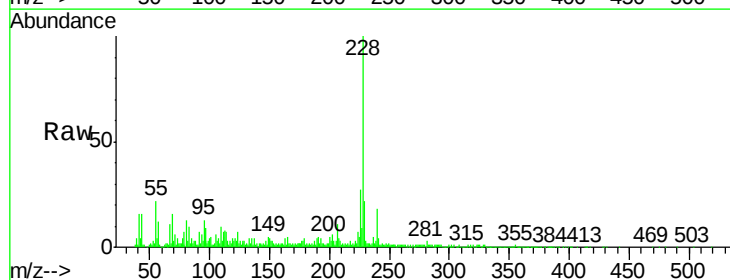
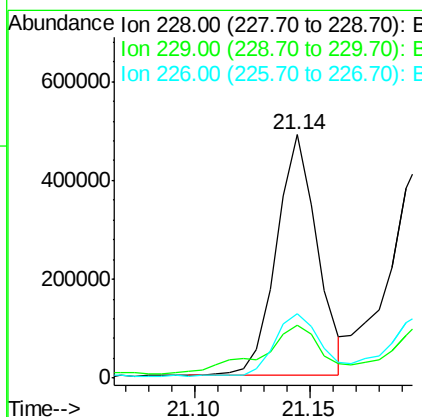
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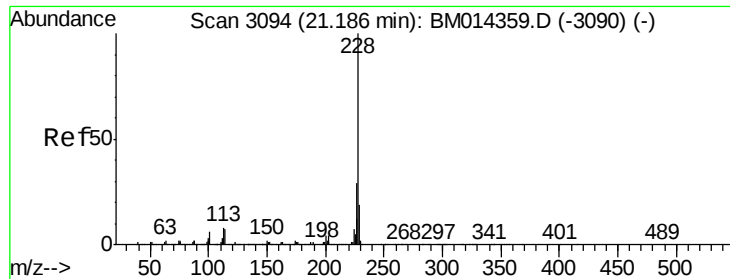
Sohil
 2/27/2018 4:58:53 PM



#80
 Benzo(a)anthracene
 Concen: 16.955 ng/ul
 RT: 21.14 min Scan# 3087
 Delta R.T. 0.01 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Tgt Ion:	228	Resp:	595598
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.4	23.0
226	26.7	21.4	32.0





#82

Chrysene

Concen: 19.269 ng/ul m

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM014375.D

Acq: 27 Feb 2018 02:23

Instrument :

BNA_M

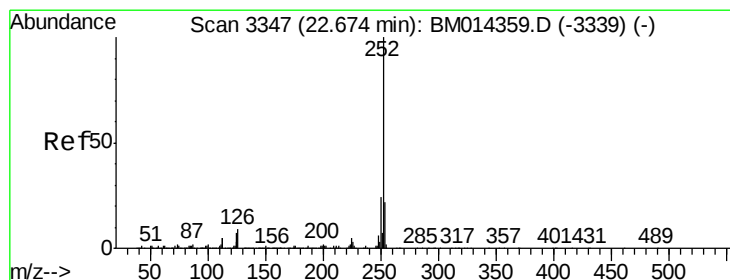
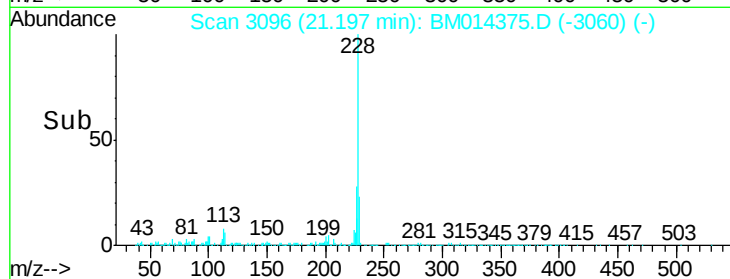
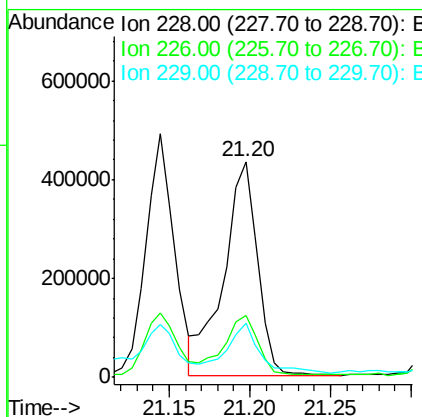
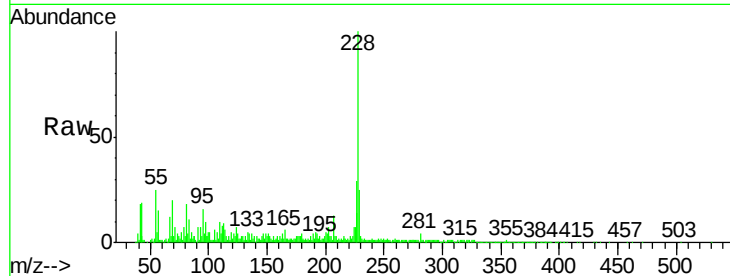
ClientSampled :

BE5Y1

Tgt Ion:	228	Resp:	631455
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	24.8	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 26.324 ng/ul

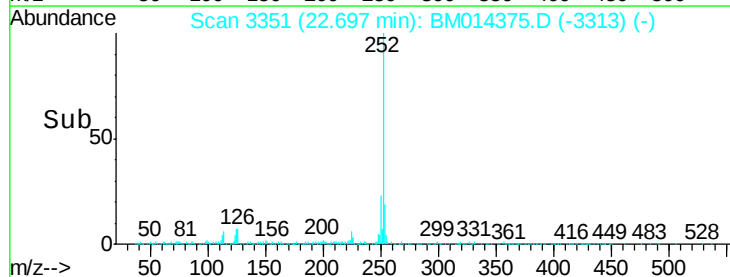
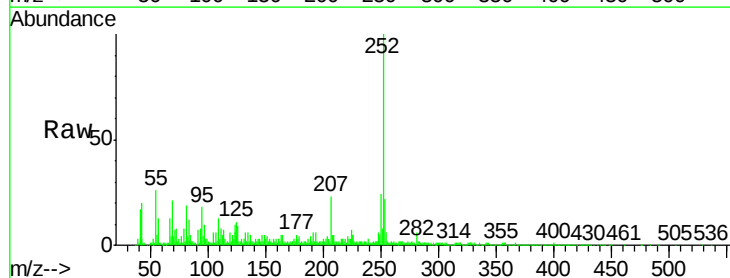
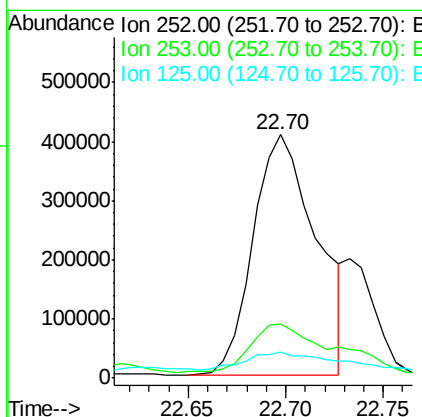
RT: 22.70 min Scan# 3351

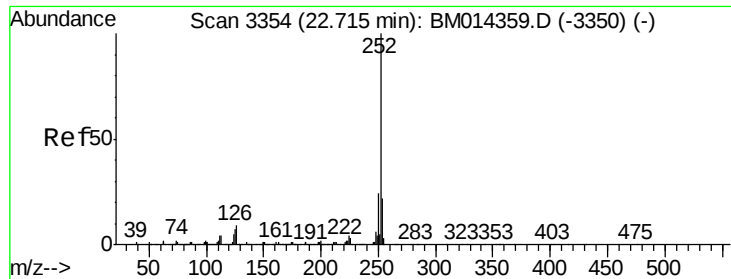
Delta R.T. 0.02 min

Lab File: BM014375.D

Acq: 27 Feb 2018 02:23

Tgt Ion:	252	Resp:	918299
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	10.9	3.6	5.4#





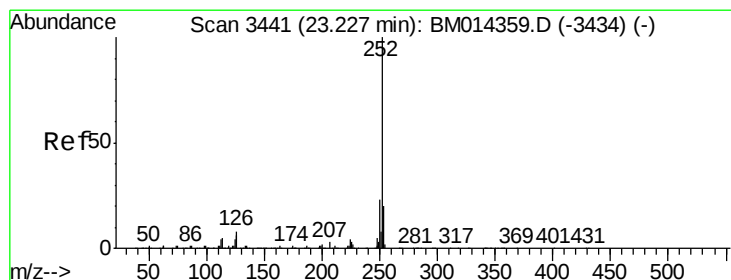
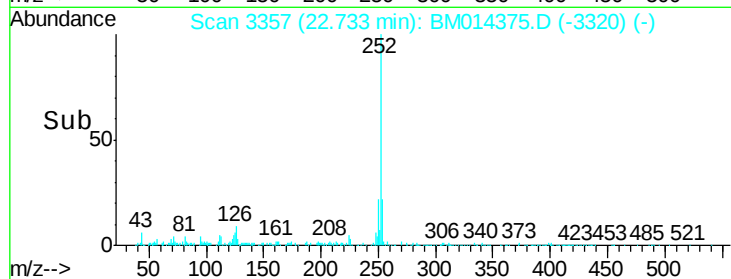
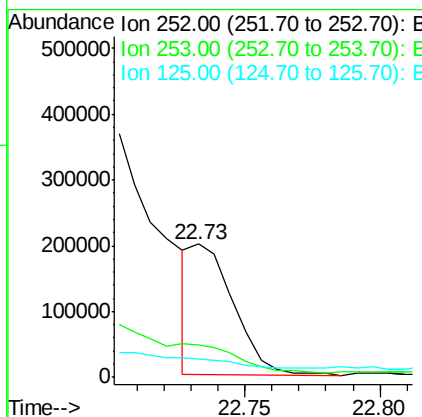
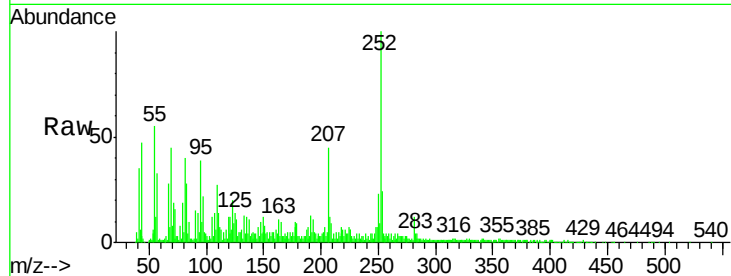
#86
Benzo(k)fluoranthene
Concen: 6.557 ng/ul m
RT: 22.73 min Scan# 3357
Delta R.T. 0.02 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Instrument :
BNA_M
ClientSampled :
BE5Y1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	13.7	3.4	5.2#

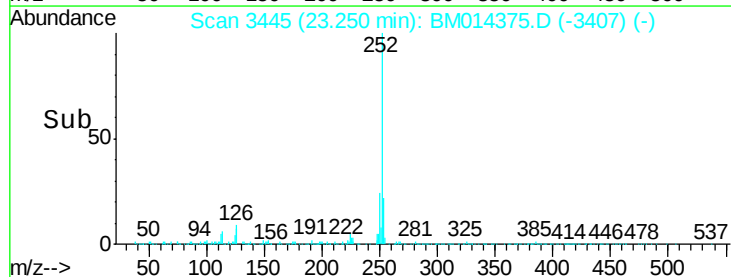
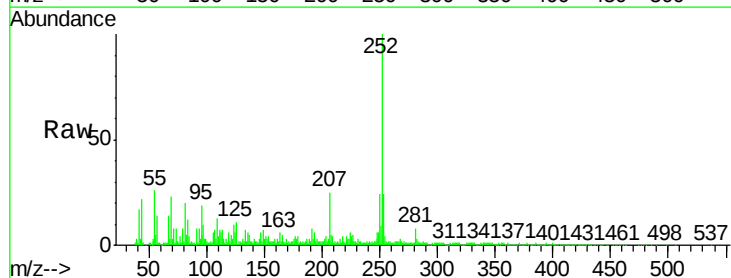
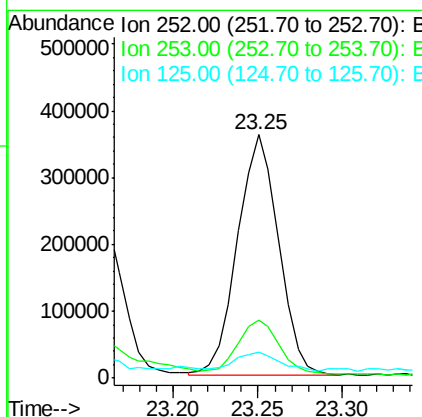
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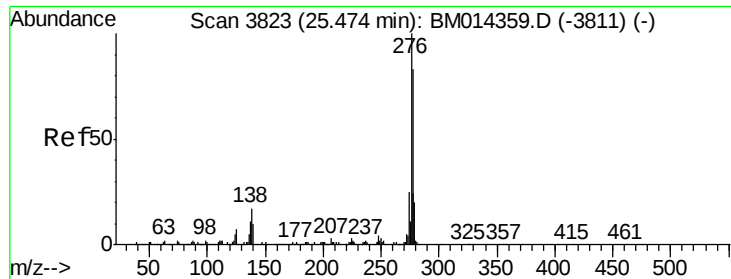
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#88
Benzo(a)pyrene
Concen: 19.432 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014375.D
Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.7	4.0	6.0#





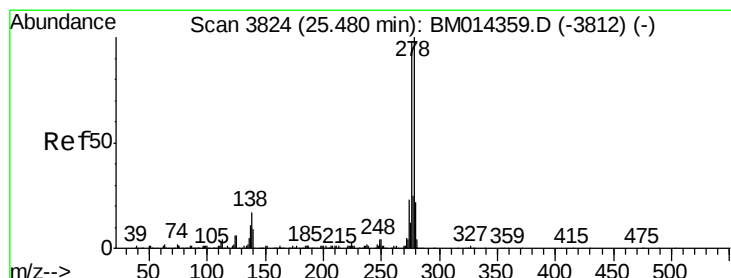
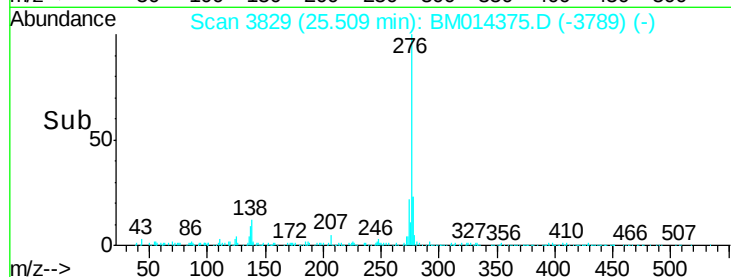
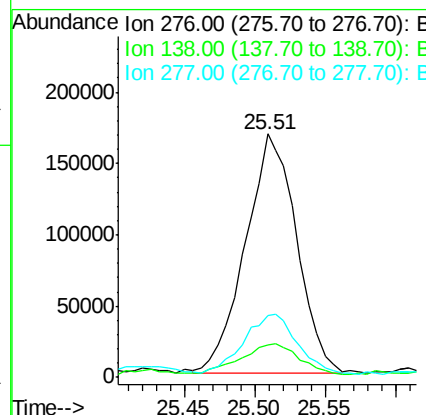
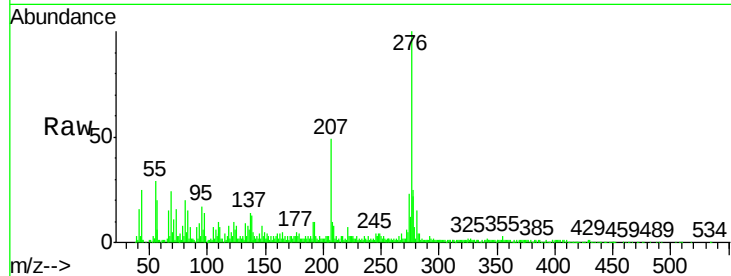
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 14.027 ng/ul
 RT: 25.51 min Scan# 3829
 Delta R.T. 0.04 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.3	13.9
277	25.3	19.9	29.9

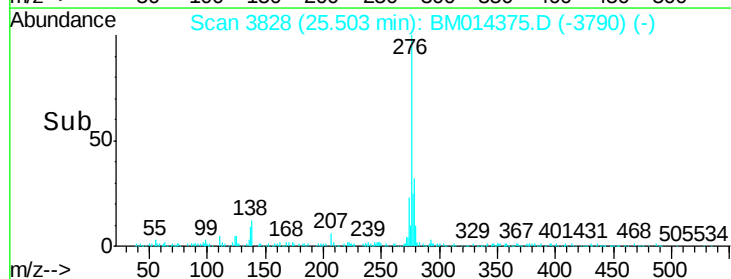
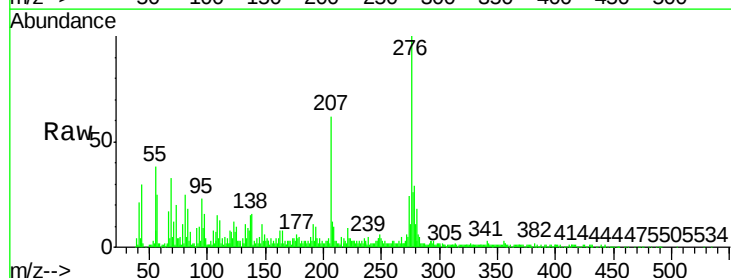
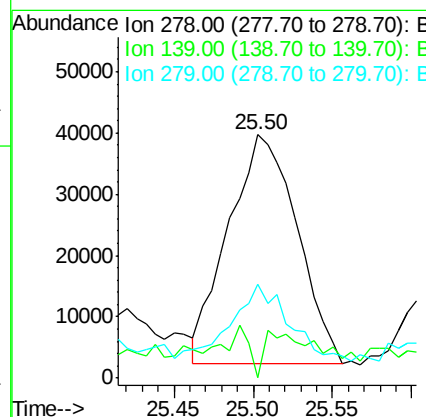
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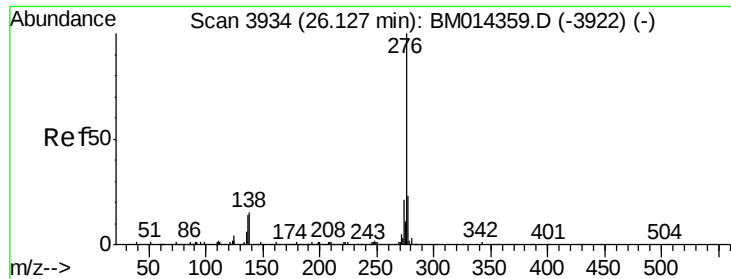
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#90
 Dibenzo(a,h)anthracene
 Concen: 4.463 ng/ul
 RT: 25.50 min Scan# 3828
 Delta R.T. 0.02 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	38.4	18.6	27.8#





#91
 Benzo(g,h,i)perylene
 Concen: 15.766 ng/ul
 RT: 26.18 min Scan# 3943
 Delta R.T. 0.05 min
 Lab File: BM014375.D
 Acq: 27 Feb 2018 02:23

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y1

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	15.9	8.5	12.7#	
277	25.0	18.6	28.0	

Manual Integrations
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