

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010554.D
 Acq On : 13 Jun 2017 02:32
 Operator : SJ/MA
 Sample : I3522-18DL2 30X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F5C32DL2

Manual Integrations
 APPROVED

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 6/13/2017 3:54:59 PM

Quant Time: Jun 13 05:09:57 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 13 03:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	110917	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	384156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	273922	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	731236	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1099582	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1101882	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.08	99	4090	0.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	2538	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	1967	0.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	2824	0.42	ng/ul	0.02
19) Nitrobenzene-d5	9.09	128	1993m	0.71	ng/ul	0.02
22) 2-Nitrophenol-d4	9.80	143	1628m	0.50	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.33	165	4181m	0.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.87	131	3035	0.47	ng/ul	0.01
43) Dimethylphthalate-d6	13.94	166	17524	0.77	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	16927	0.64	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	18525	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	2004	0.39	ng/ul	0.00
70) Anthracene-d10	17.37	188	30926m	0.87	ng/ul	0.00
76) Pyrene-d10	19.66	212	38988	0.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	37965	0.74	ng/ul	0.00

Target Compounds

					Qvalue	
34) 2-Methylnaphthalene	12.34	142	65296	4.470	ng/ul	95
40) 1,1'-Biphenyl	13.36	154	34124	1.536	ng/ul#	93
49) Acenaphthene	14.59	153	258705	14.218	ng/ul	97
53) Dibenzofuran	14.92	168	338212	12.570	ng/ul	96
58) Fluorene	15.57	166	360775	16.346	ng/ul	91
69) Phenanthrene	17.32	178	1954504	50.068	ng/ul	97
71) Anthracene	17.40	178	246249m	6.042	ng/ul	
74) Fluoranthene	19.32	202	1377525	28.696	ng/ul#	95
77) Pyrene	19.69	202	961803	16.974	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	385247	6.213	ng/ul	96
82) Chrysene	21.47	228	282236m	5.035	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	281149	4.385	ng/ul	99
86) Benzo(k)fluoranthene	23.10	252	108016m	1.763	ng/ul	
88) Benzo(a)pyrene	23.66	252	186957	2.942	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.14	276	83733	1.043	ng/ul	97

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

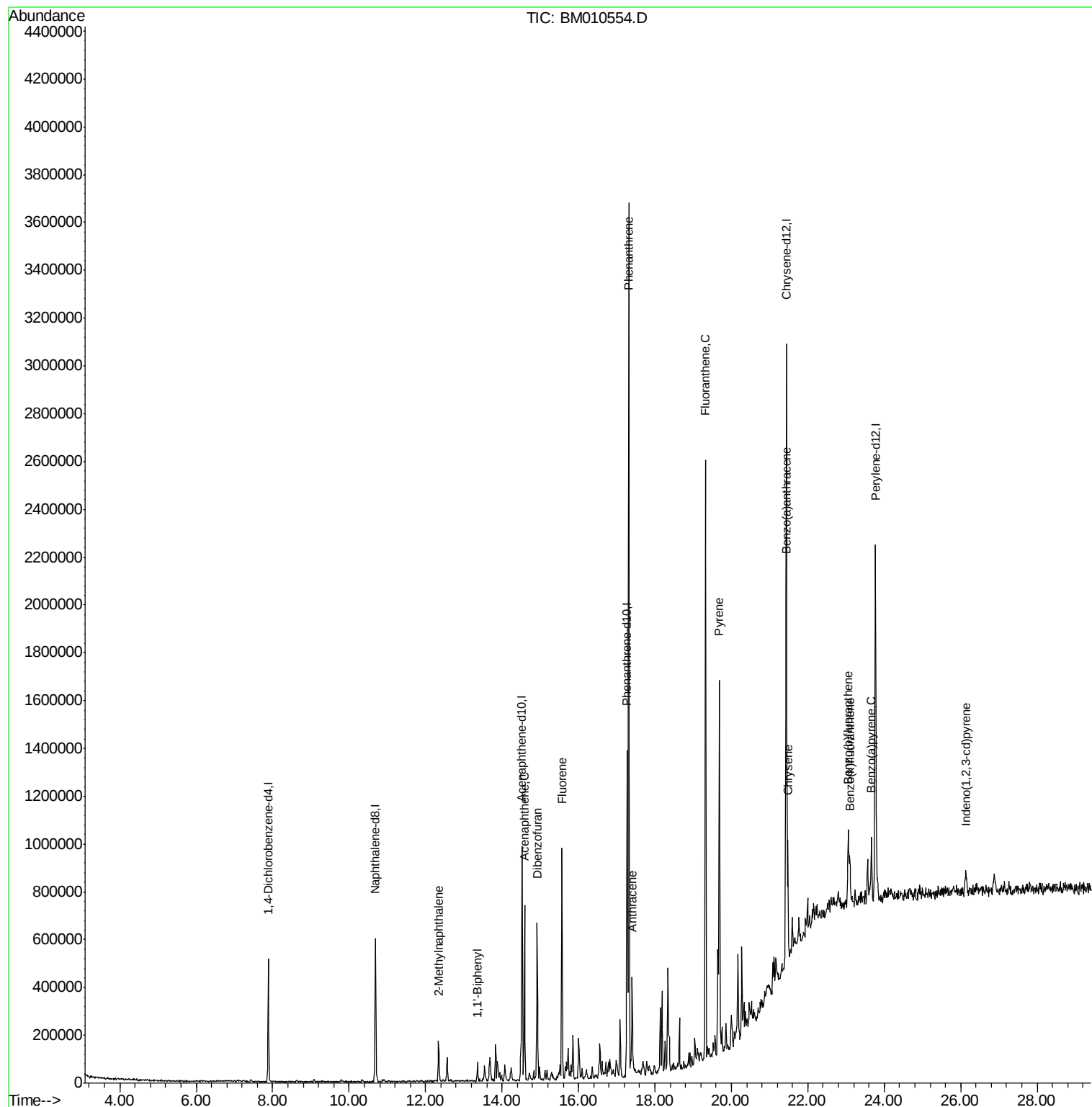
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
Data File : BM010554.D
Acq On : 13 Jun 2017 02:32
Operator : SJ/MA
Sample : I3522-18DL2 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

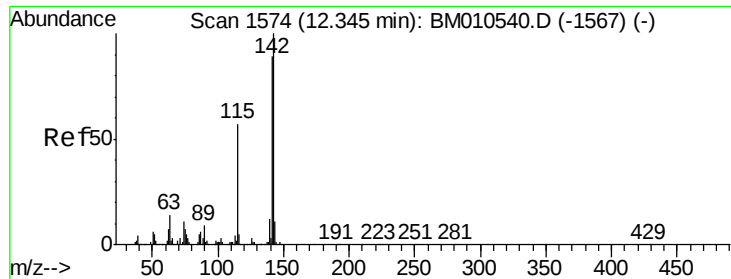
Instrument :
BNA_M
ClientSampleId :
F5C32DL2

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Quant Time: Jun 13 05:09:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
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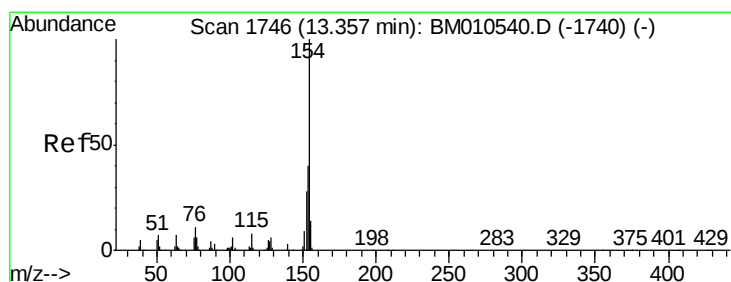
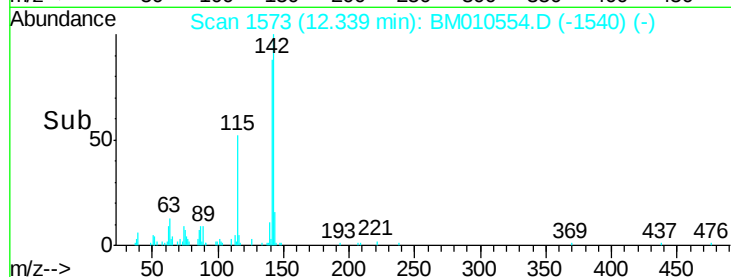
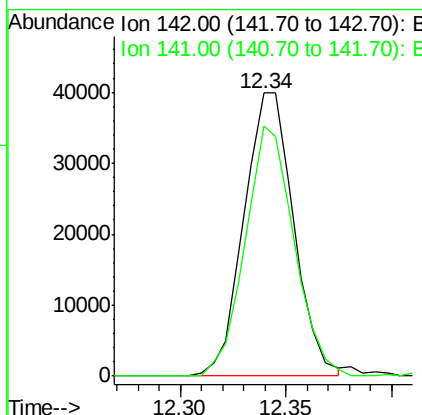
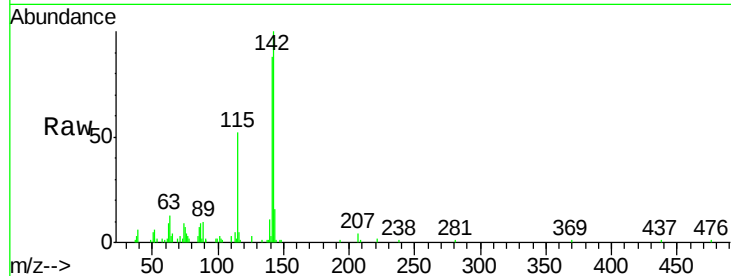
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 2-Methylnaphthalene
 Concen: 4.470 ng/ul
 RT: 12.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BM010554.D
 Acq: 13 Jun 2017 02:32

Instrument :
 BNA_M
 ClientSampleId :
 F5C32DL2

Tgt Ion:142 Resp: 65296
 Ion Ratio Lower Upper
 142 100
 141 88.2 74.1 111.1

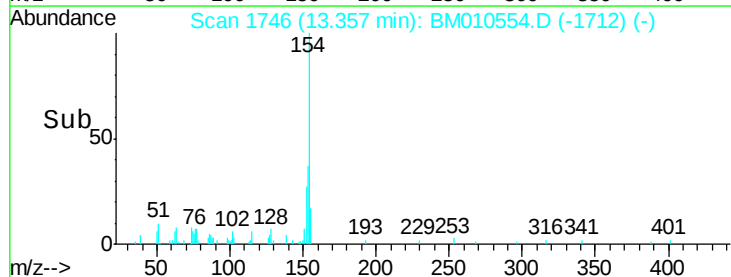
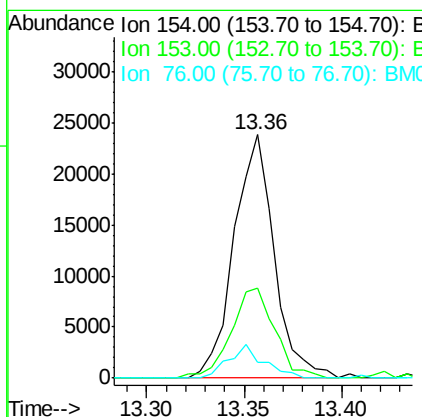
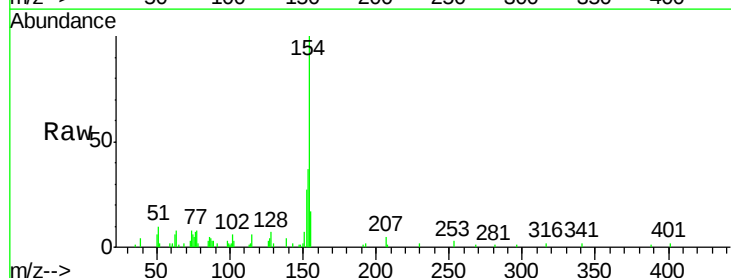
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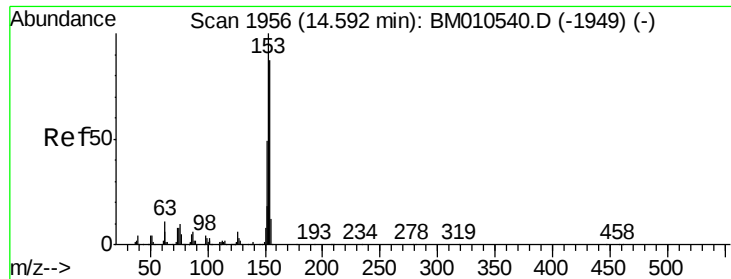
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#40
 1,1'-Biphenyl
 Concen: 1.536 ng/ul
 RT: 13.36 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BM010554.D
 Acq: 13 Jun 2017 02:32

Tgt Ion:154 Resp: 34124
 Ion Ratio Lower Upper
 154 100
 153 36.7 32.6 48.8
 76 6.6 8.5 12.7#





#49

Acenaphthene

Concen: 14.218 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Instrument :

BNA_M

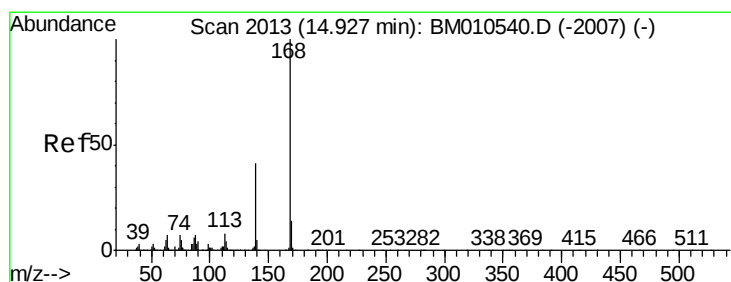
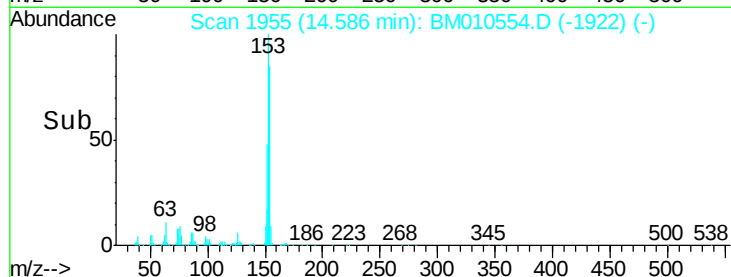
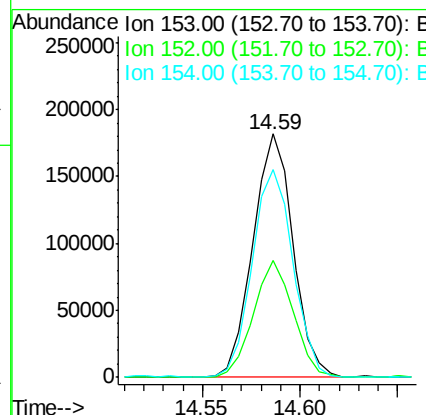
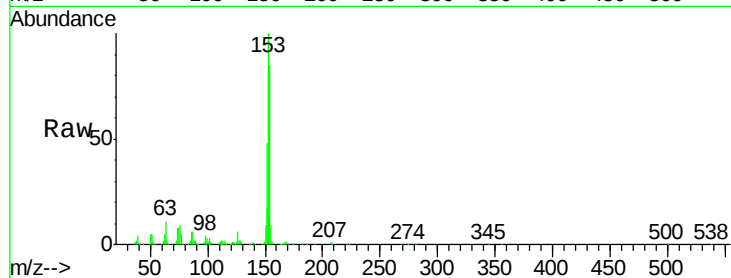
ClientSampleId :

F5C32DL2

Tgt Ion:	153	Resp:	258705
Ion Ratio	Lower	Upper	
153	100		
152	48.2	37.6	56.4
154	85.2	70.4	105.6

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#53

Dibenzofuran

Concen: 12.570 ng/ul

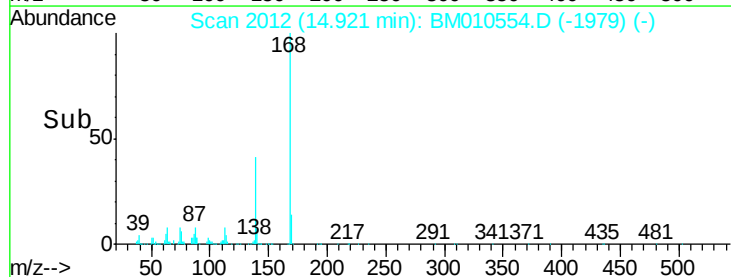
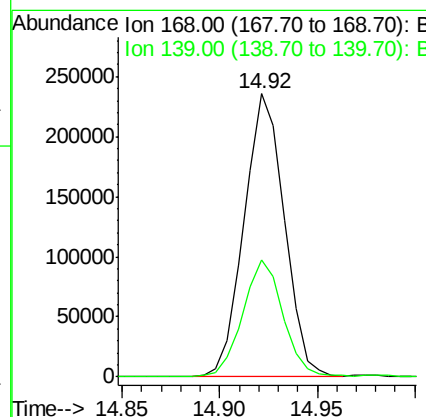
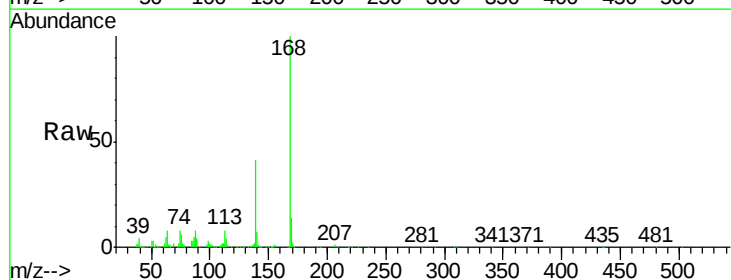
RT: 14.92 min Scan# 2012

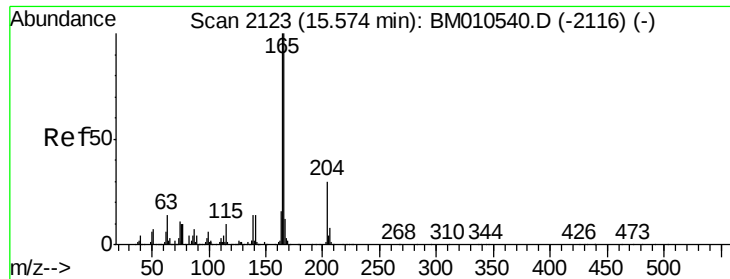
Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Tgt Ion:	168	Resp:	338212
Ion Ratio	Lower	Upper	
168	100		
139	41.2	30.8	46.2





#58

Fluorene

Concen: 16.346 ng/ul

RT: 15.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Instrument :

BNA_M

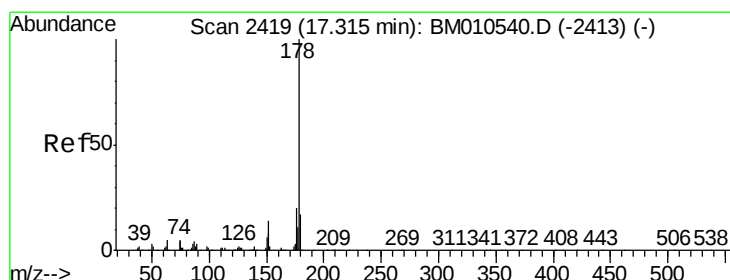
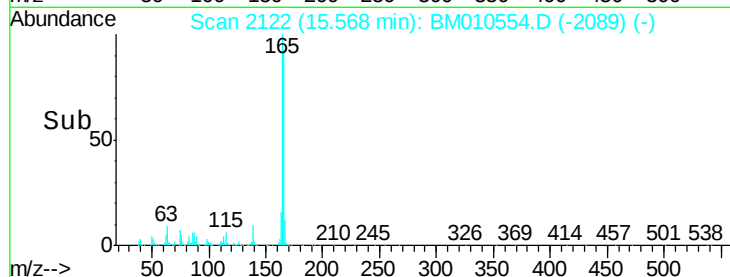
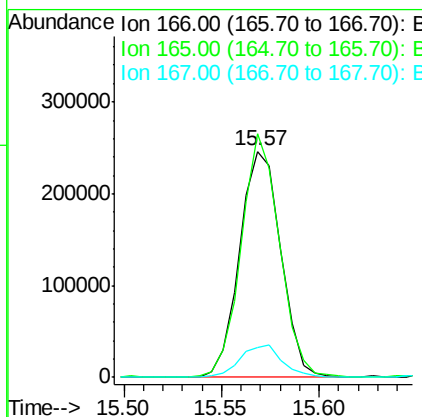
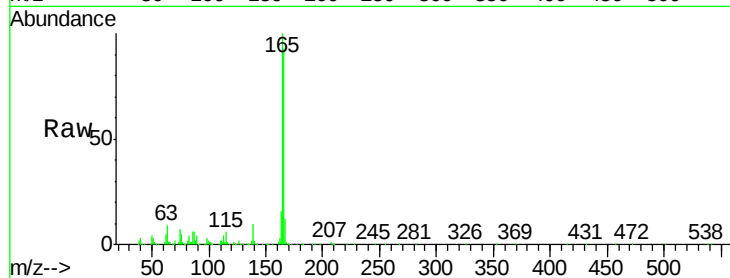
ClientSampleId :

F5C32DL2

Tgt Ion:	166	Resp:	360775
Ion Ratio	Lower	Upper	
166	100		
165	107.9	77.9	116.9
167	13.3	10.6	16.0

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#69

Phenanthrene

Concen: 50.068 ng/ul

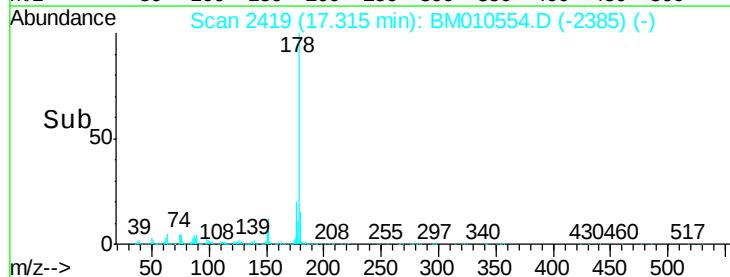
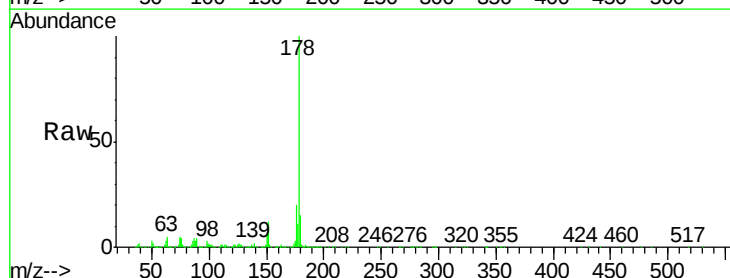
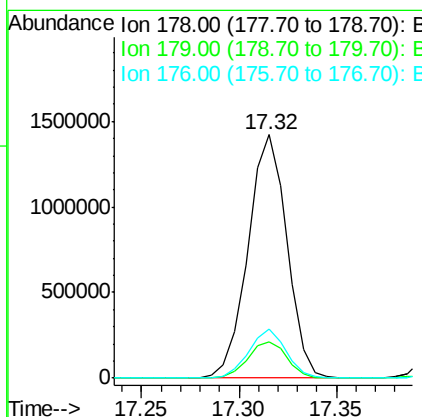
RT: 17.32 min Scan# 2419

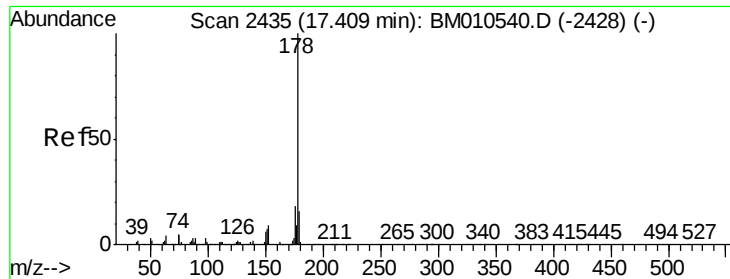
Delta R.T. 0.00 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Tgt Ion:	178	Resp:	1954504
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.6	19.0
176	20.0	14.9	22.3





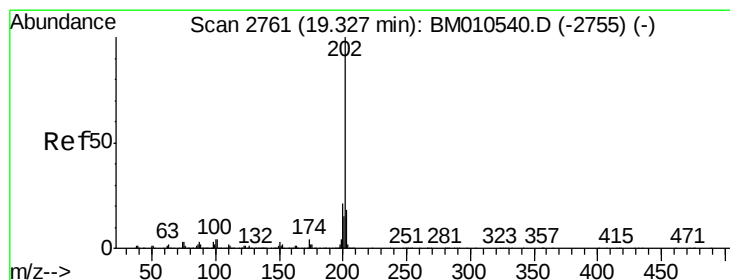
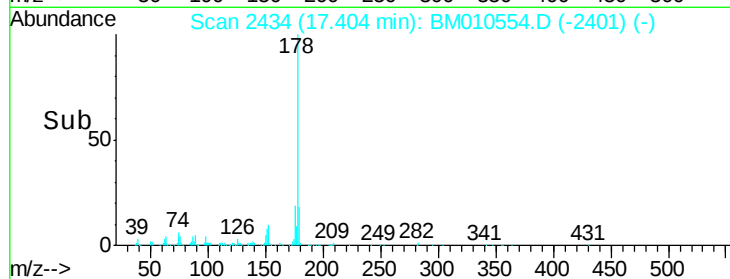
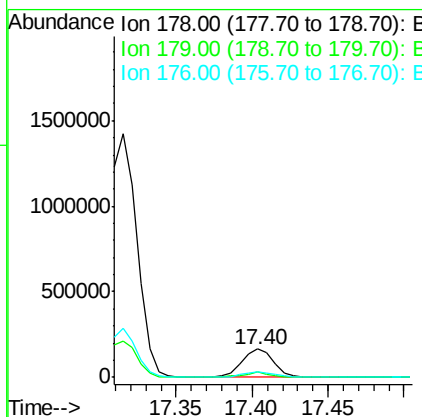
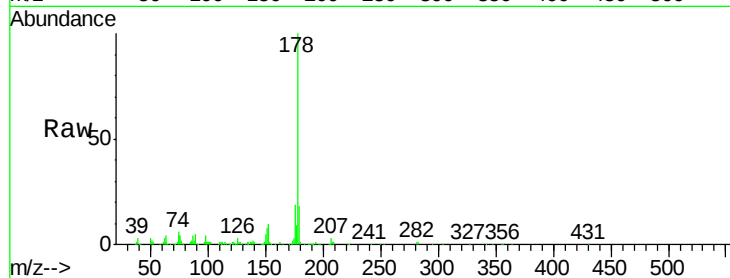
#71
 Anthracene
 Concen: 6.042 ng/ul m
 RT: 17.40 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BM010554.D
 Acq: 13 Jun 2017 02:32

Instrument :
 BNA_M
 ClientSampleId :
 F5C32DL2

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	11.7	17.5#
176	19.4	14.6	21.8

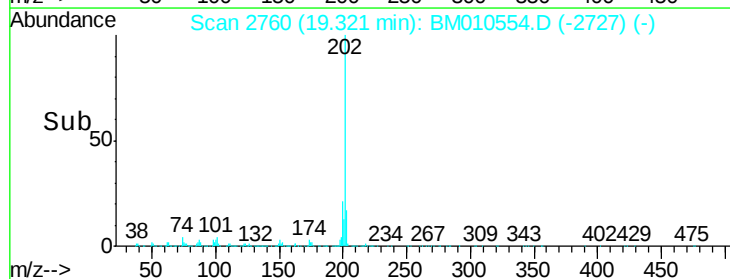
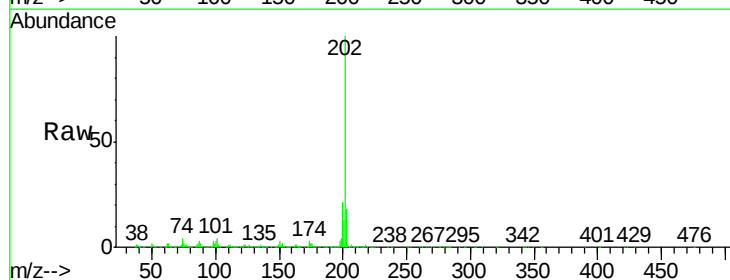
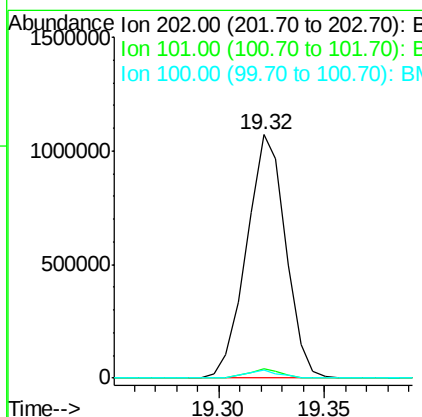
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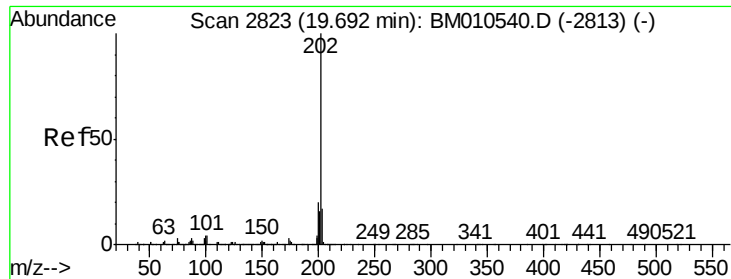
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#74
 Fluoranthene
 Concen: 28.696 ng/ul
 RT: 19.32 min Scan# 2760
 Delta R.T. -0.01 min
 Lab File: BM010554.D
 Acq: 13 Jun 2017 02:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.9	4.6	7.0#
100	3.3	3.4	5.2#





#77

Pyrene

Concen: 16.974 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Instrument :

BNA_M

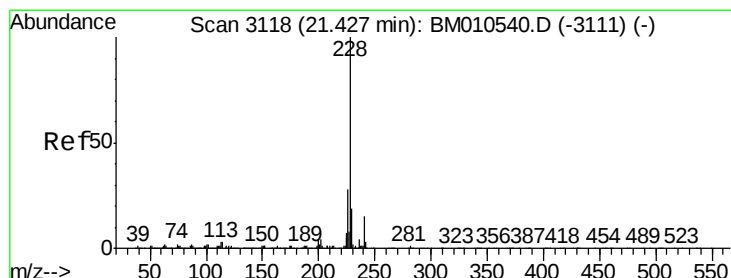
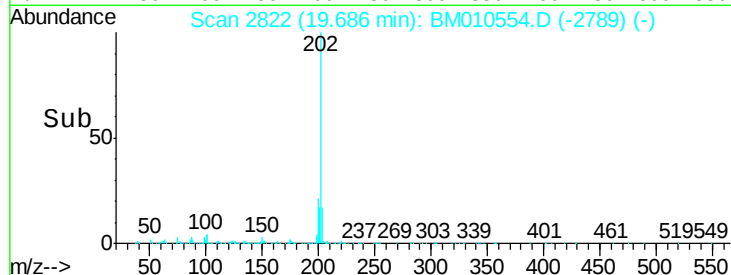
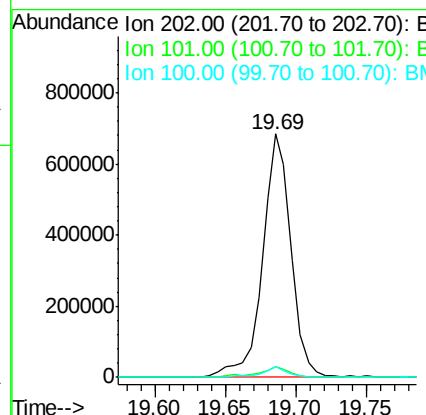
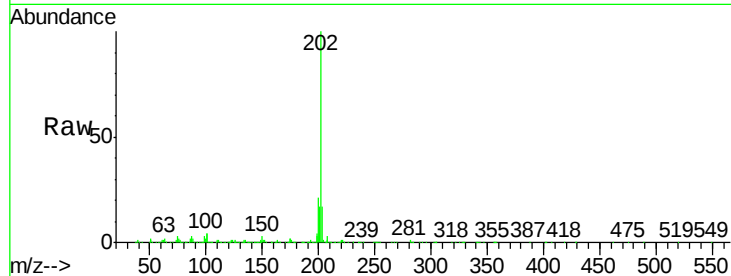
ClientSampleId :

F5C32DL2

Tgt Ion:	202	Resp:	961803
Ion Ratio	Lower	Upper	
202	100		
101	4.1	5.1	7.7#
100	4.4	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 6.213 ng/ul

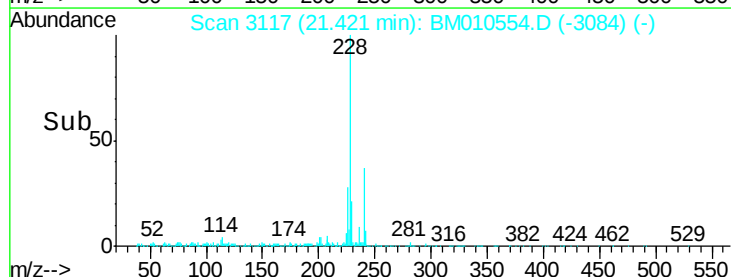
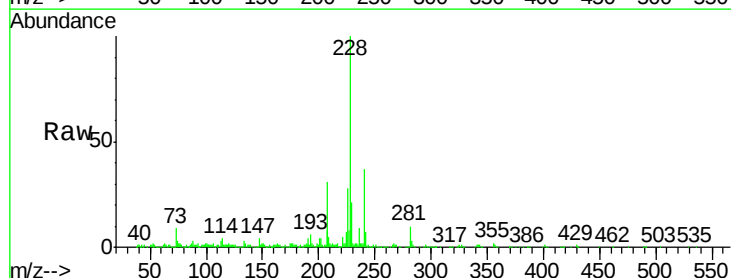
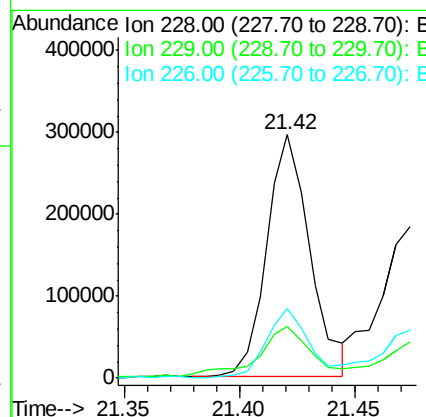
RT: 21.42 min Scan# 3117

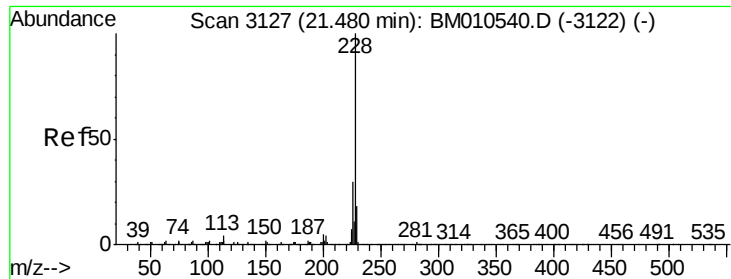
Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Tgt Ion:	228	Resp:	385247
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.4	23.0
226	28.5	21.4	32.0





#82

Chrysene

Concen: 5.035 ng/u1 m

RT: 21.47 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Instrument :

BNA_M

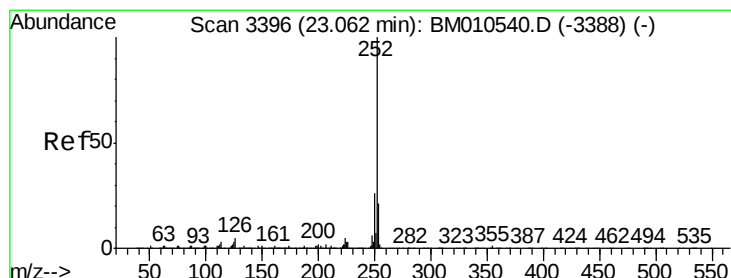
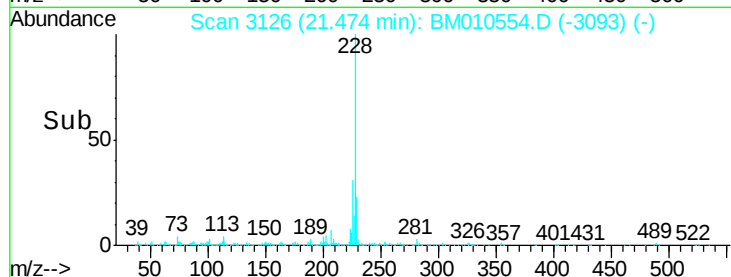
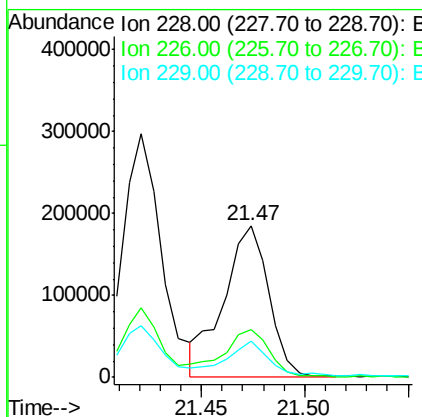
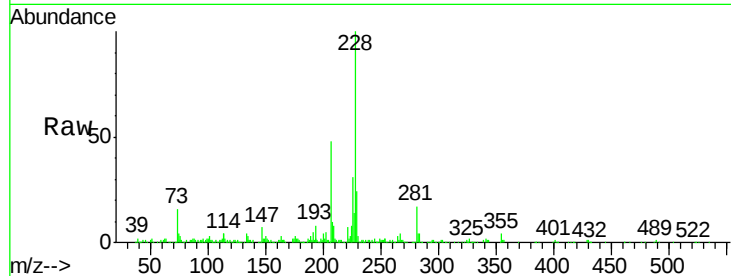
ClientSampleId :

F5C32DL2

Tgt Ion:	228	Resp:	282236
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.2
229	24.1	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 4.385 ng/u1

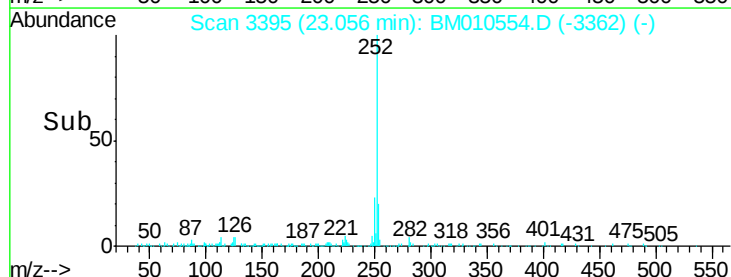
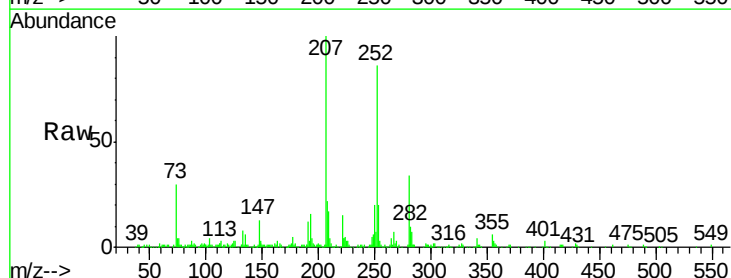
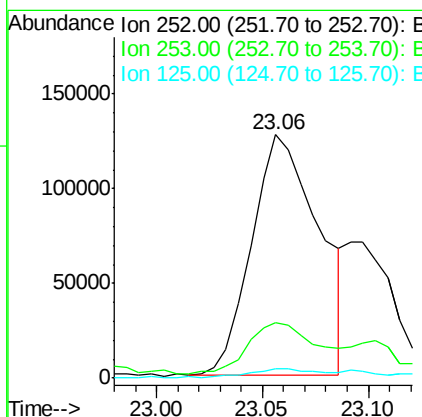
RT: 23.06 min Scan# 3395

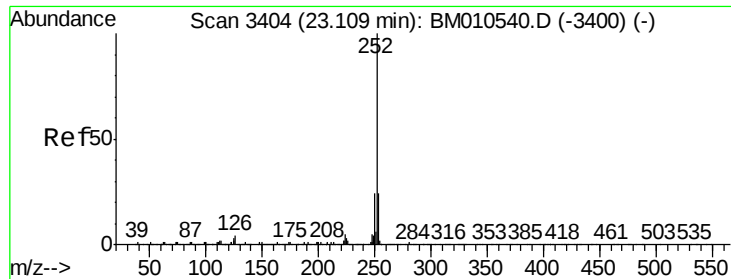
Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Tgt Ion:	252	Resp:	281149
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	3.9	3.6	5.4





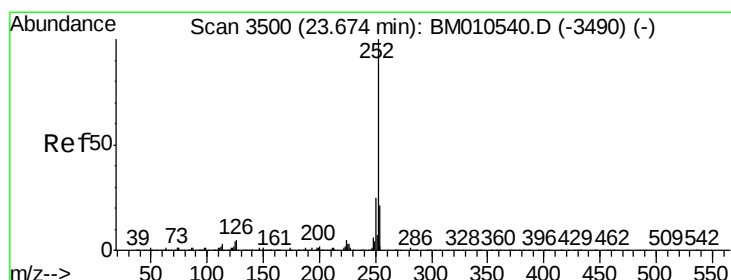
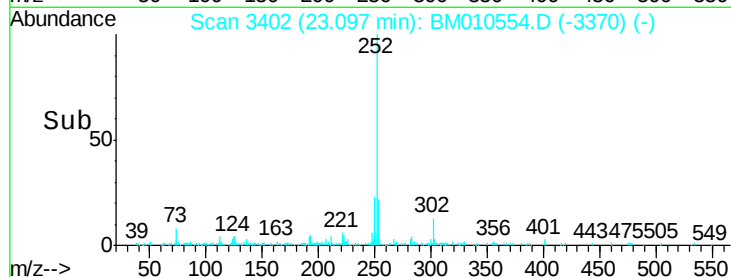
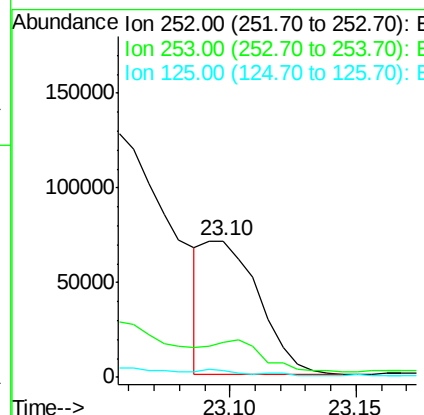
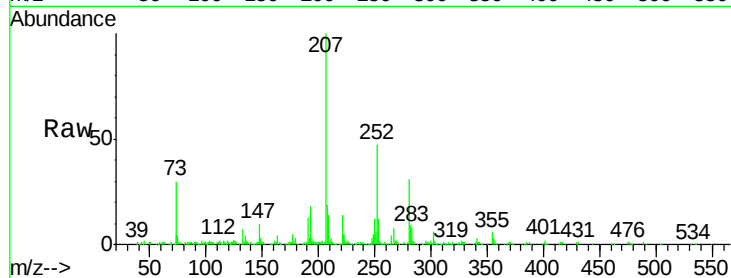
#86
Benzo(k)fluoranthene
Concen: 1.763 ng/ul m
RT: 23.10 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM010554.D
Acq: 13 Jun 2017 02:32

Instrument :
BNA_M
ClientSampleId :
F5C32DL2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	4.7	3.4	5.2

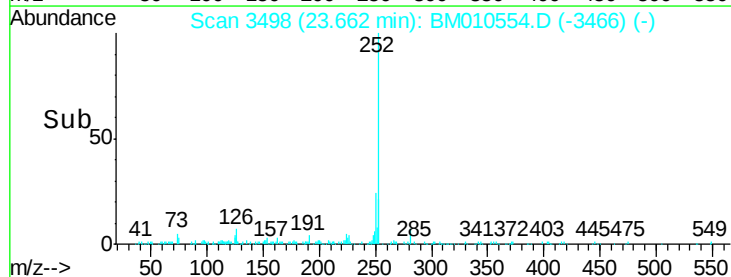
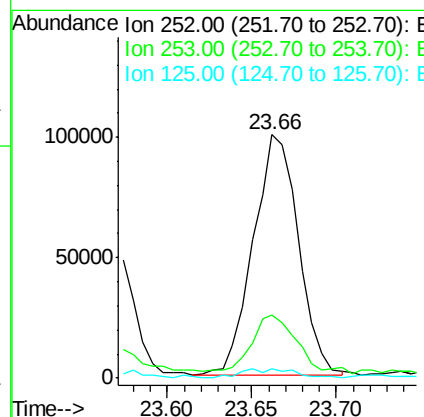
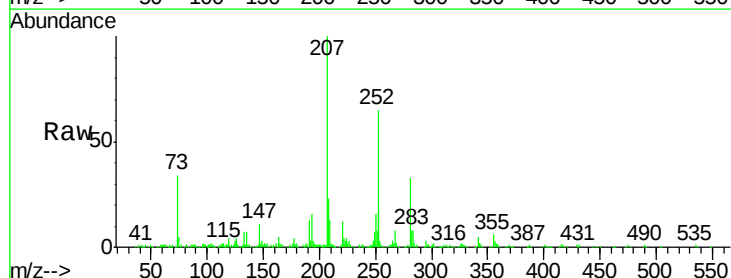
Manual Integrations
APPROVED

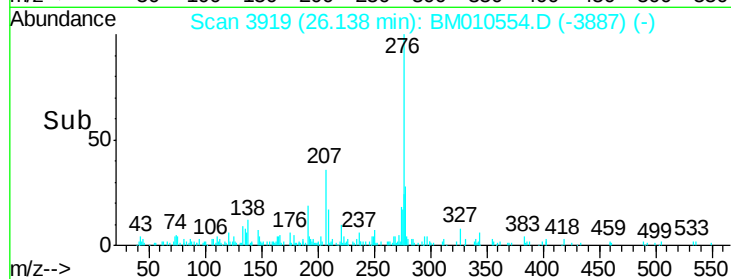
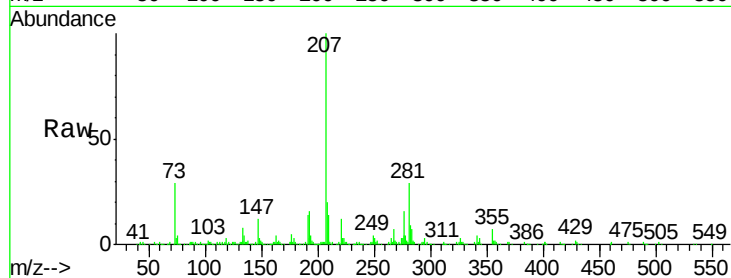
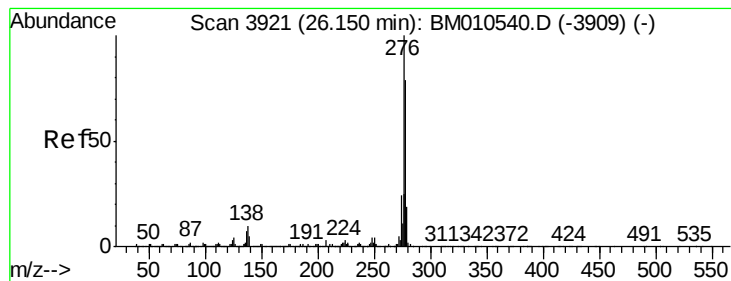
mohammad
6/13/2017 3:54:59 PM



#88
Benzo(a)pyrene
Concen: 2.942 ng/ul
RT: 23.66 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BM010554.D
Acq: 13 Jun 2017 02:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	3.9	4.0	6.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.043 ng/ul

RT: 26.14 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM010554.D

Acq: 13 Jun 2017 02:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.3	13.9
277	27.0	19.9	29.9

Instrument :

BNA_M

ClientSampleId :

F5C32DL2

Manual Integrations
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