

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012160.D
 Acq On : 14 Oct 2017 06:51
 Operator : SJ/JU
 Sample : I5649-08 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-57(1-2)-100317

Manual Integrations
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Quant Time: Jun 22 17:49:42 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 05:27:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	295477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1236960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	709094	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1497359	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1314067	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1363959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	7176	1.15	ng/uL	0.00
5) Phenol-d5	6.99	99	154695	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	94252	6.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	137471	6.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	130186	6.31	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	63202	6.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	76328	6.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	148946	7.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	103949	5.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	477106	7.61	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	563935	7.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	33019	3.50	ng/ul	0.01
57) Fluorene-d10	15.46	176	395220	7.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	39156	3.81	ng/ul	0.00
70) Anthracene-d10	17.32	188	573536	7.75	ng/ul	0.00
76) Pyrene-d10	19.62	212	582720	8.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	534661	8.13	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.92	163	165749m	2.640	ng/ul
69) Phenanthrene	17.26	178	677213	7.950	ng/ul 99
71) Anthracene	17.35	178	204210	2.316	ng/ul 97
74) Fluoranthene	19.28	202	2340359	22.767	ng/ul# 93
77) Pyrene	19.64	202	2104264	24.247	ng/ul# 93
80) Benzo(a)anthracene	21.39	228	1328442	15.536	ng/ul 98
82) Chrysene	21.44	228	1170422	14.580	ng/ul 96
85) Benzo(b)fluoranthene	23.02	252	1705491	19.161	ng/ul# 96
86) Benzo(k)fluoranthene	23.06	252	496453m	5.788	ng/ul
88) Benzo(a)pyrene	23.62	252	1271303	15.154	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	26.09	276	829785	9.314	ng/ul# 96
90) Dibenzo(a,h)anthracene	26.09	278	210235	2.807	ng/ul# 75
91) Benzo(g,h,i)perylene	26.83	276	654955	8.976	ng/ul# 93

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

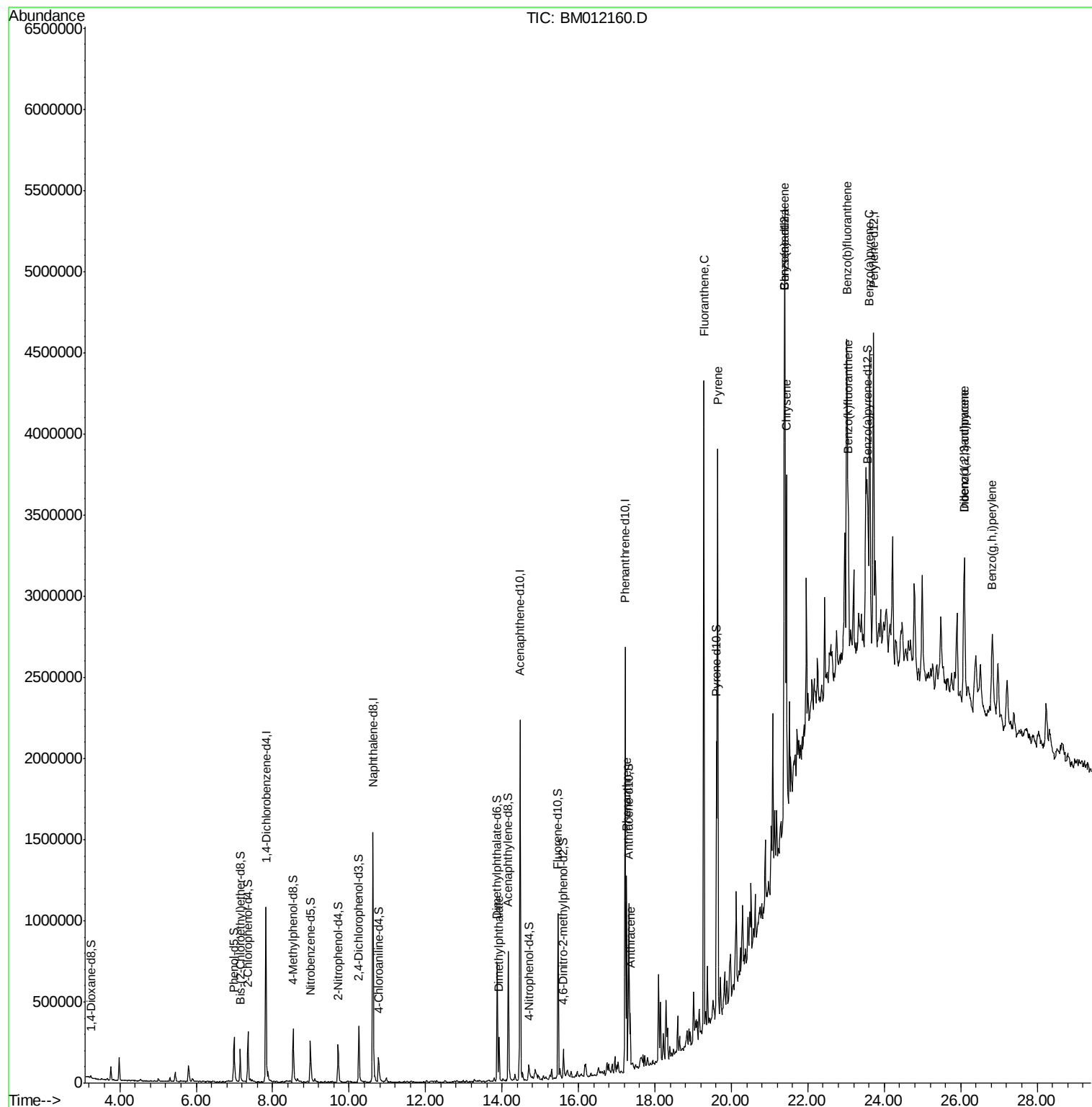
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012160.D
Acq On : 14 Oct 2017 06:51
Operator : SJ/JU
Sample : I5649-08 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

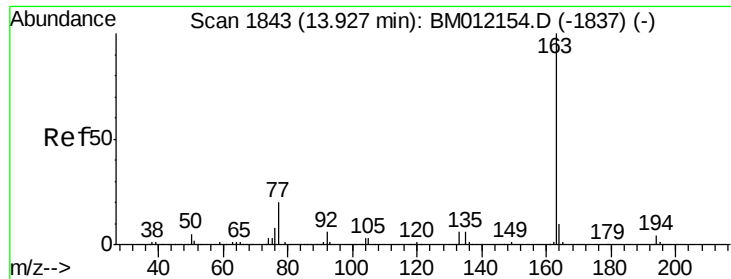
Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Quant Time: Jun 22 17:49:42 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
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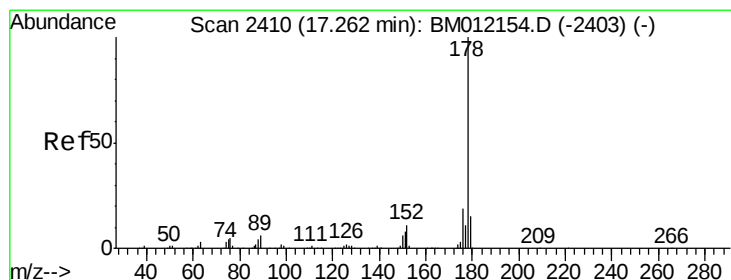
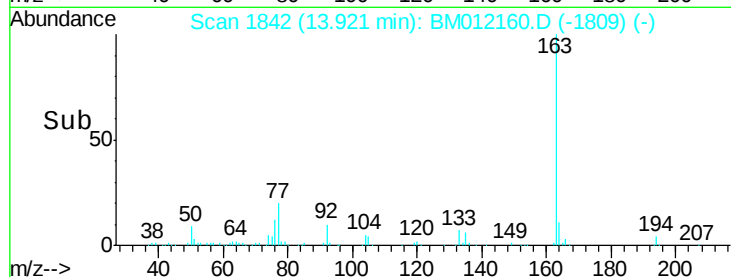
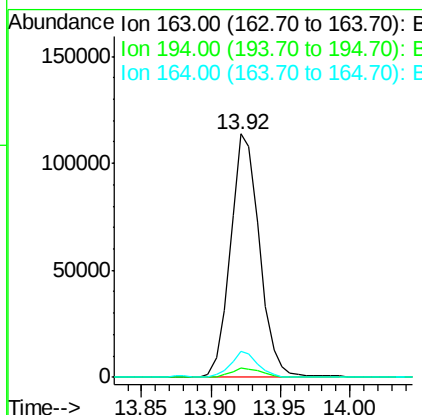
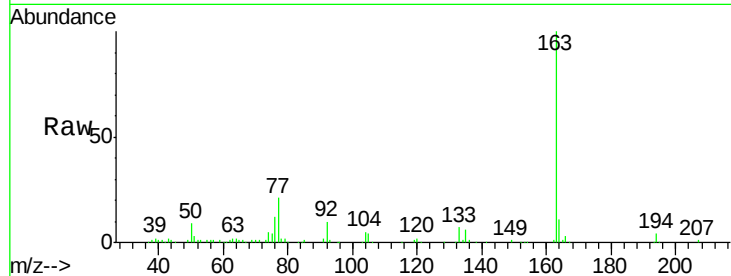
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Dimethylphthalate
Concen: 2.640 ng/ul m
RT: 13.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM012160.D
Acq: 14 Oct 2017 06:51

Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	165749		
194	3.9		3.5	5.3
164	10.8		8.2	12.4

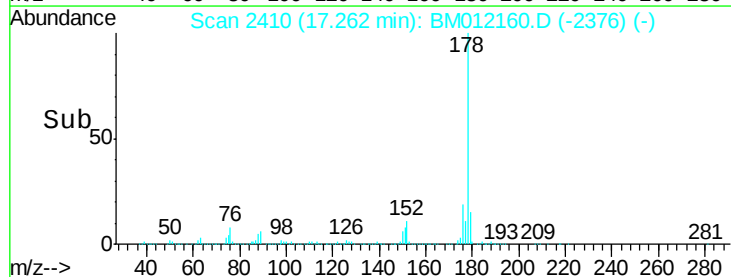
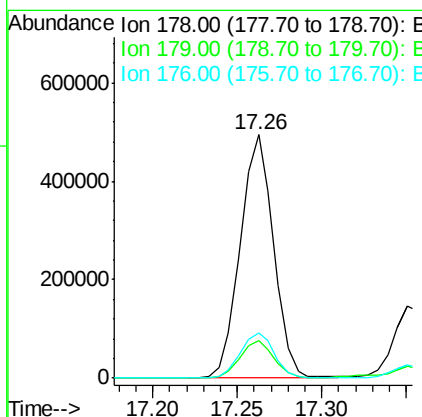
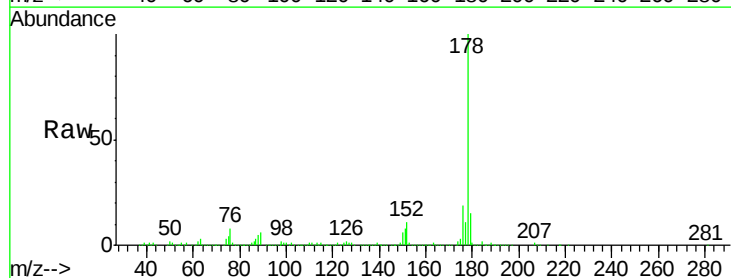
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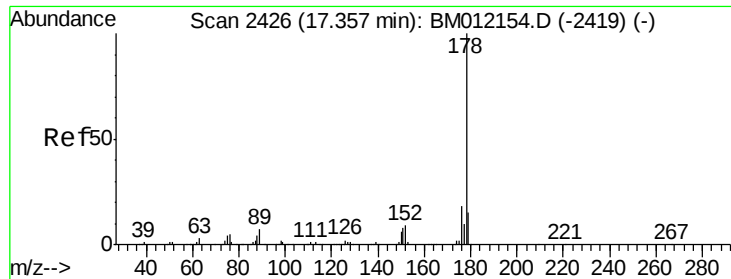
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#69
Phenanthrene
Concen: 7.950 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BM012160.D
Acq: 14 Oct 2017 06:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	677213		
179	15.2		12.6	19.0
176	18.7		14.9	22.3





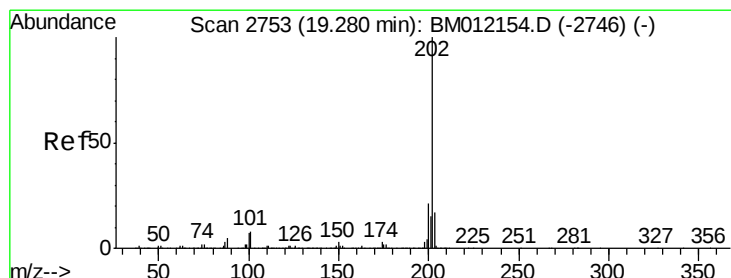
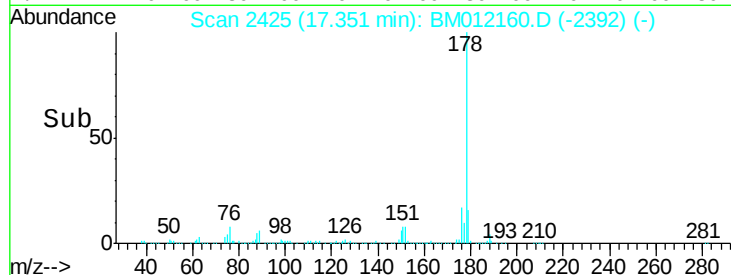
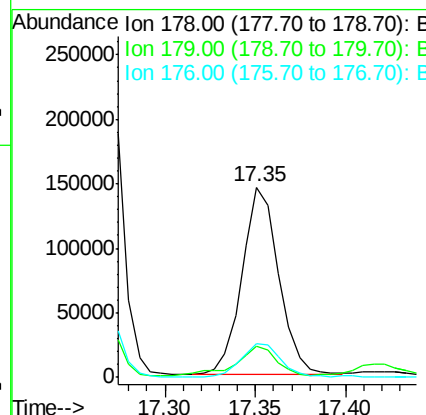
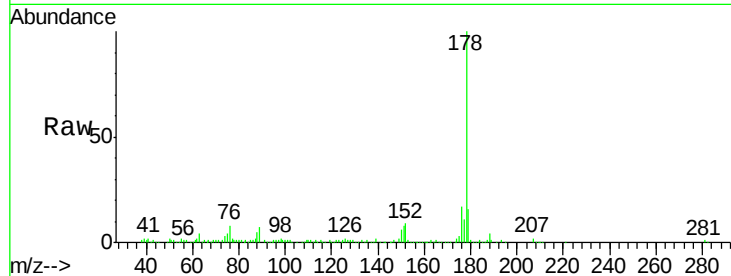
#71
 Anthracene
 Concen: 2.316 ng/ul
 RT: 17.35 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM012160.D
 Acq: 14 Oct 2017 06:51

Instrument :
 BNA_M
 ClientSampleId :
 B-57(1-2)-100317

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.7	17.5
176	17.4	14.6	21.8

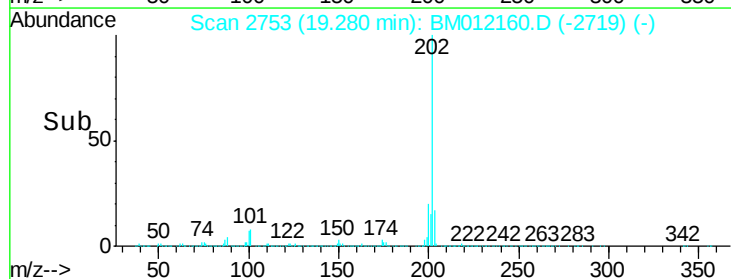
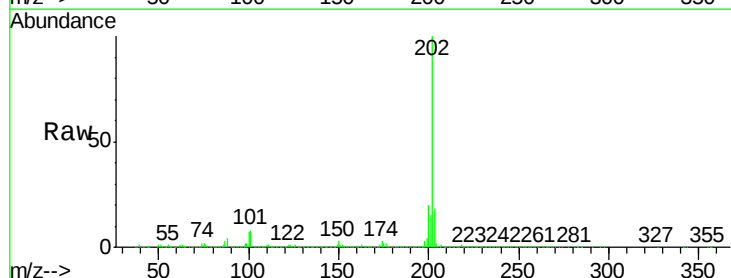
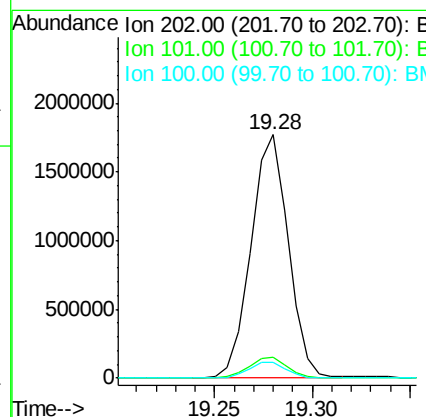
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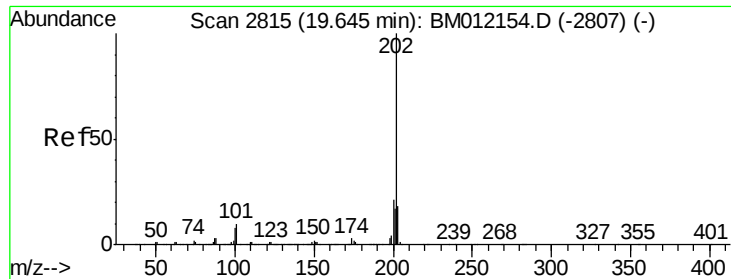
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#74
 Fluoranthene
 Concen: 22.767 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BM012160.D
 Acq: 14 Oct 2017 06:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.6	3.4	5.2#





#77

Pyrene

Concen: 24.247 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM012160.D

Acq: 14 Oct 2017 06:51

Instrument :

BNA_M

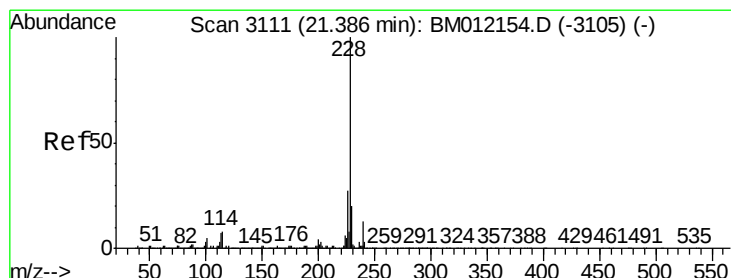
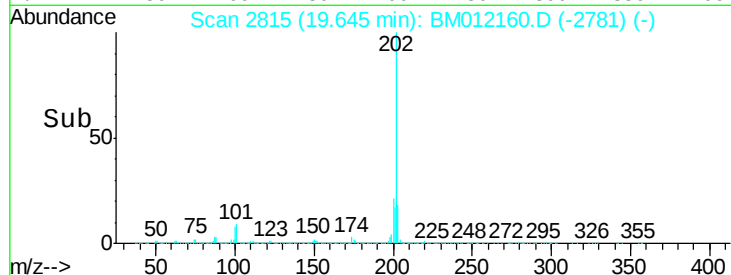
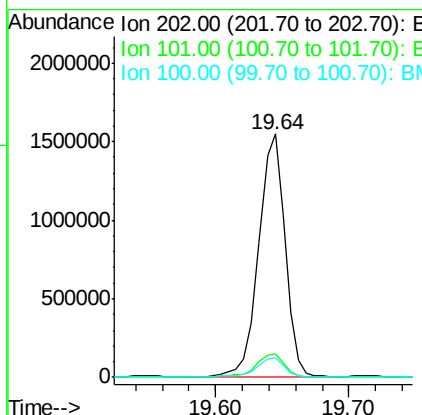
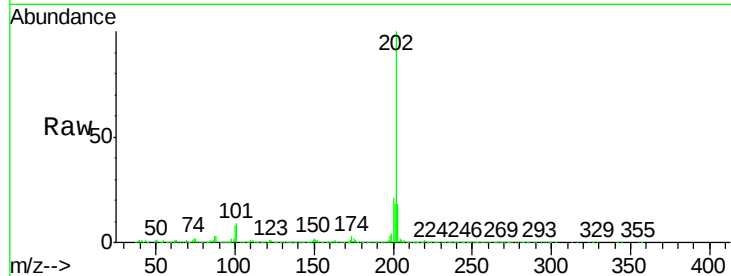
ClientSampleId :

B-57(1-2)-100317

Tgt Ion:	202	Resp:	2104264
Ion Ratio	Lower	Upper	
202	100		
101	9.5	5.1	7.7#
100	7.9	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 15.536 ng/ul

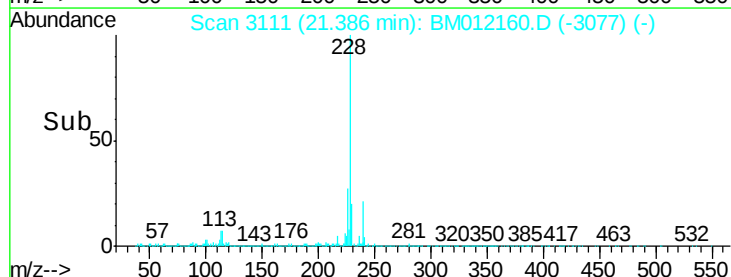
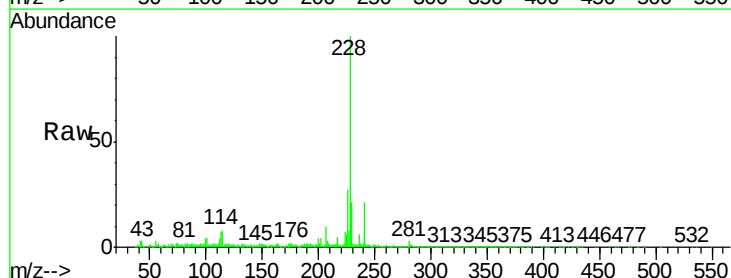
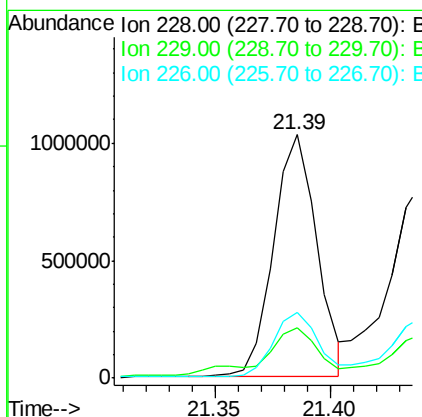
RT: 21.39 min Scan# 3111

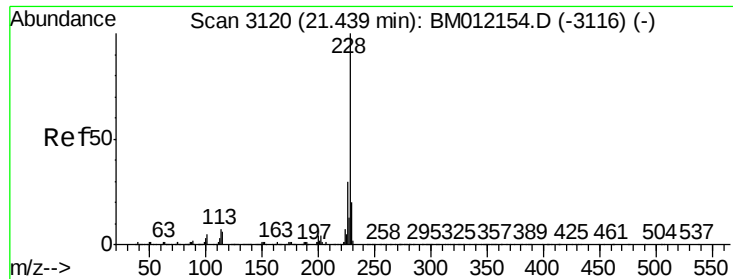
Delta R.T. -0.00 min

Lab File: BM012160.D

Acq: 14 Oct 2017 06:51

Tgt Ion:	228	Resp:	1328442
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.4	23.0
226	27.2	21.4	32.0





#82

Chrysene

Concen: 14.580 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BM012160.D

Acq: 14 Oct 2017 06:51

Instrument :

BNA_M

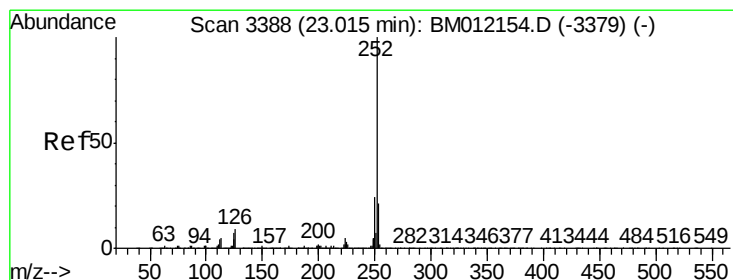
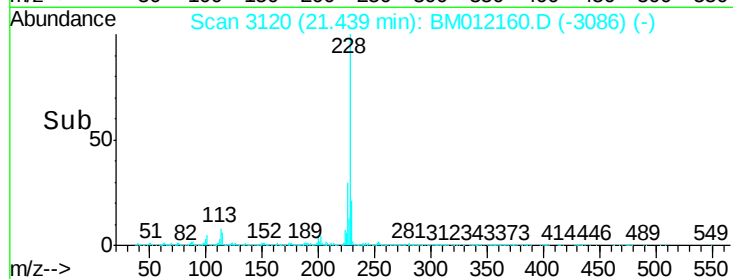
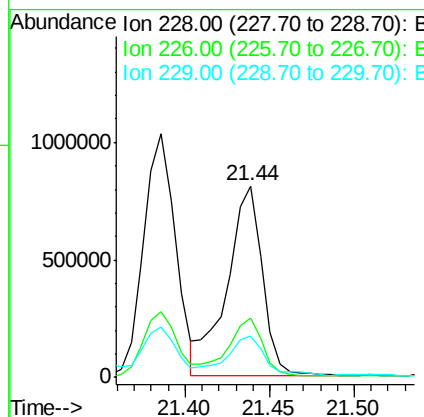
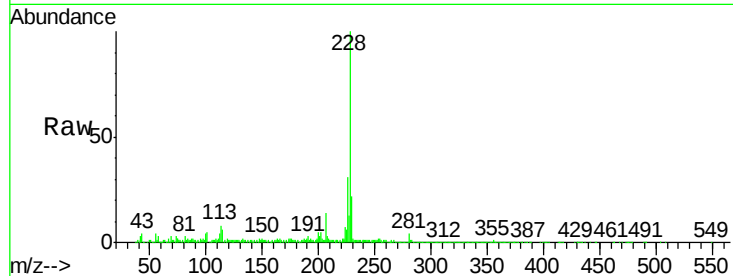
ClientSampleId :

B-57(1-2)-100317

Tgt Ion:	228	Resp:	1170422
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.2
229	21.7	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 19.161 ng/ul

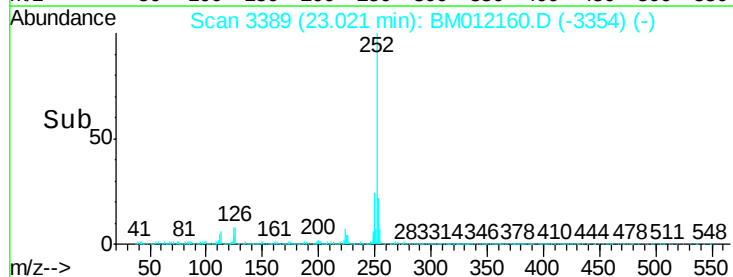
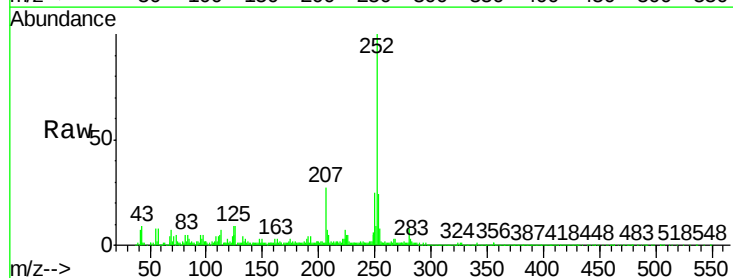
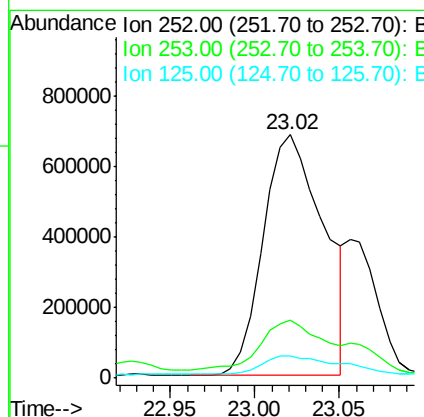
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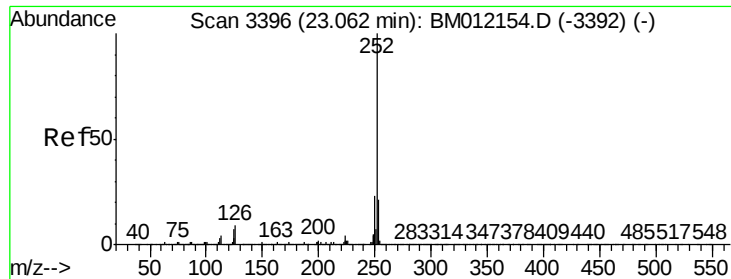
Delta R.T. 0.01 min

Lab File: BM012160.D

Acq: 14 Oct 2017 06:51

Tgt Ion:	252	Resp:	1705491
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	9.1	3.6	5.4#





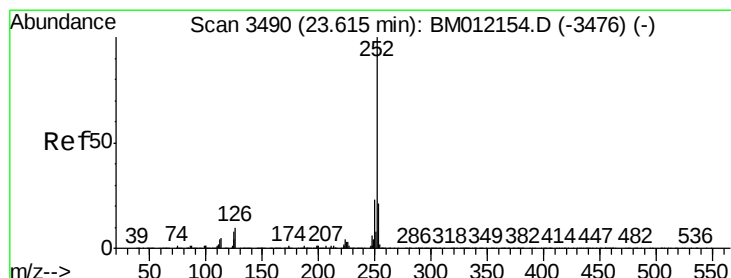
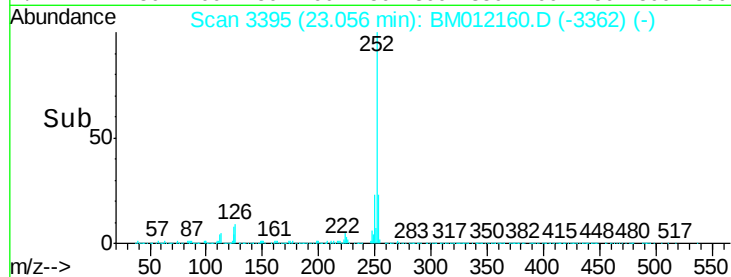
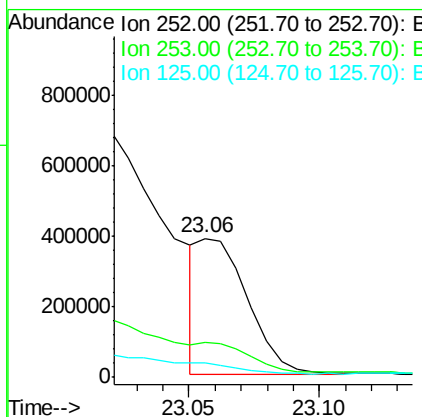
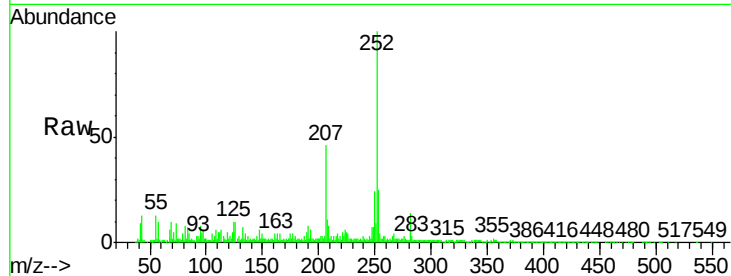
#86
Benzo(k)fluoranthene
Concen: 5.788 ng/ul m
RT: 23.06 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM012160.D
Acq: 14 Oct 2017 06:51

Instrument :
BNA_M
ClientSampleId :
B-57(1-2)-100317

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	10.3	3.4	5.2#

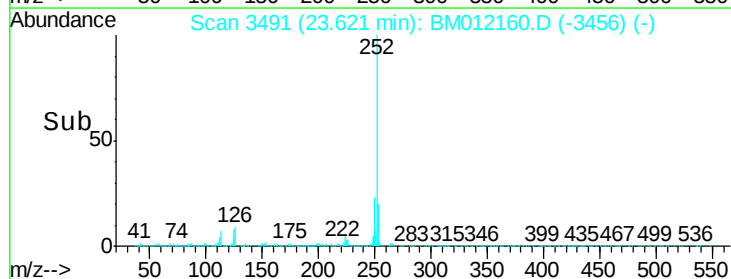
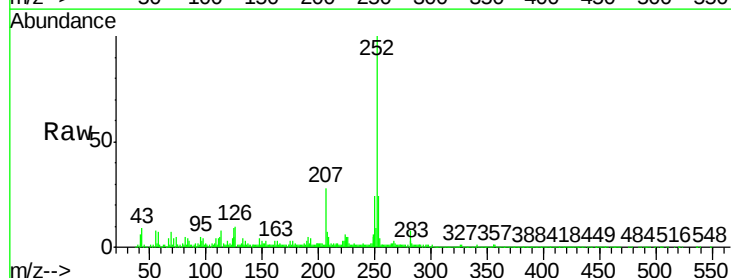
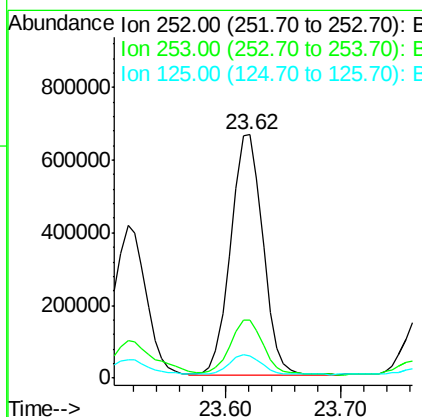
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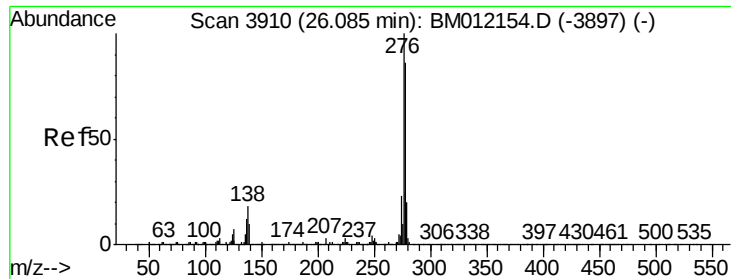
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#88
Benzo(a)pyrene
Concen: 15.154 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012160.D
Acq: 14 Oct 2017 06:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	9.3	4.0	6.0#





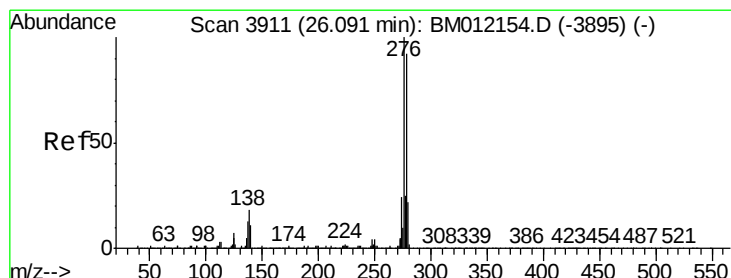
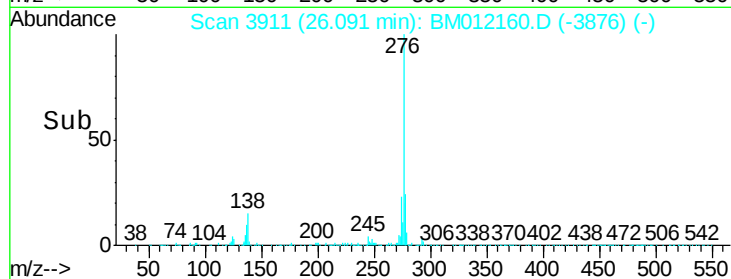
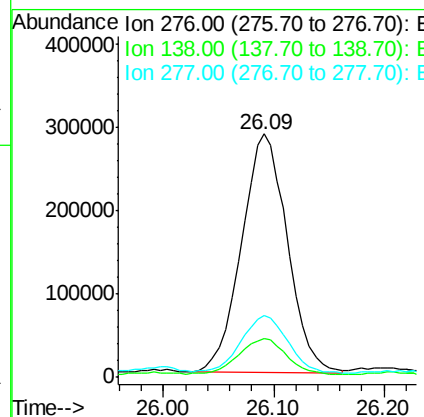
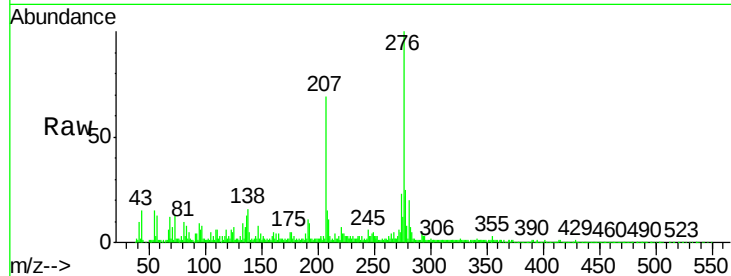
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 9.314 ng/ul
 RT: 26.09 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: BM012160.D
 Acq: 14 Oct 2017 06:51

Instrument :
 BNA_M
 ClientSampleId :
 B-57(1-2)-100317

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	25.4	19.9	29.9

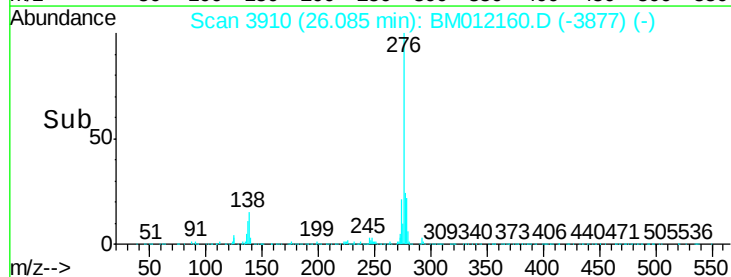
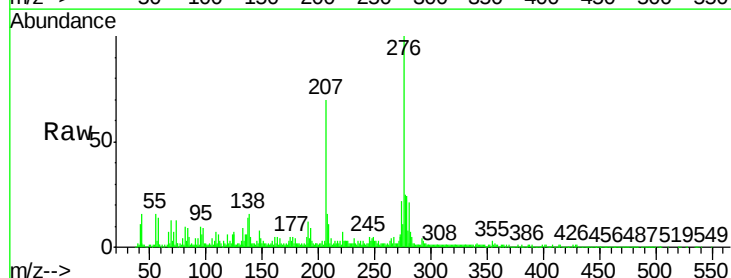
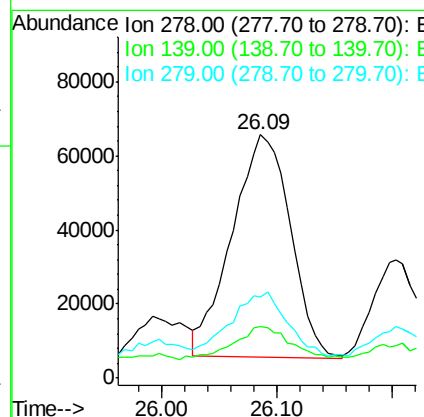
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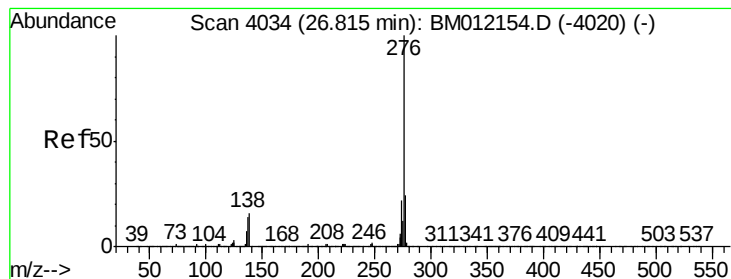
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.807 ng/ul
 RT: 26.09 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BM012160.D
 Acq: 14 Oct 2017 06:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.3	5.8	8.8#
279	33.2	18.6	27.8#





#91

Benzo(g,h,i)perylene

Concen: 8.976 ng/ul

RT: 26.83 min Scan# 4036

Delta R.T. 0.01 min

Lab File: BM012160.D

Acq: 14 Oct 2017 06:51

Instrument :

BNA_M

ClientSampleId :

B-57(1-2)-100317

Tgt	Ion	276	Resp:	654955
Ion	Ratio	100	Lower	Upper
276	100			
138	16.1	8.5	12.7#	
277	24.9	18.6	28.0	

Manual Integrations
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