

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011935.D
 Acq On : 05 Oct 2017 21:21
 Operator : SJ/JU
 Sample : I5449-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-60(FILL)-092617

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:37:05 PM

Quant Time: Oct 12 05:16:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	263938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1015559	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	515431	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1052335	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1143036	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1268758	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5204	0.93	ng/uL	0.00
5) Phenol-d5	7.03	99	91919	4.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	58014	4.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	89892	4.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	71236	3.63	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	36850	5.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	40938	5.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	77574	4.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	19541m	1.09	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	238851	5.35	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	275756	5.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	14162m	1.81	ng/ul	0.02
57) Fluorene-d10	15.50	176	195890	4.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	15261	2.16	ng/ul	0.00
70) Anthracene-d10	17.36	188	295261	5.69	ng/ul	0.00
76) Pyrene-d10	19.64	212	330039	6.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	337052	5.52	ng/ul	0.00
Target Compounds				Ovalue		
69) Phenanthrene	17.30	178	540525	9.338	ng/ul	98
71) Anthracene	17.39	178	125970	2.139	ng/ul	97
74) Fluoranthene	19.31	202	955178	13.524	ng/ul#	91
77) Pyrene	19.67	202	899800	14.197	ng/ul#	91
80) Benzo(a)anthracene	21.42	228	533862	8.153	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	65509	1.774	ng/ul#	97
82) Chrysene	21.47	228	531524	8.543	ng/ul	95
85) Benzo(b)fluoranthene	23.05	252	766185	9.935	ng/ul#	94
86) Benzo(k)fluoranthene	23.09	252	241446m	3.136	ng/ul	
88) Benzo(a)pyrene	23.66	252	542179	7.317	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.14	276	425455	5.365	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.13	278	100209	1.538	ng/ul#	75
91) Benzo(g,h,i)perylene	26.87	276	396112	6.039	ng/ul#	93

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

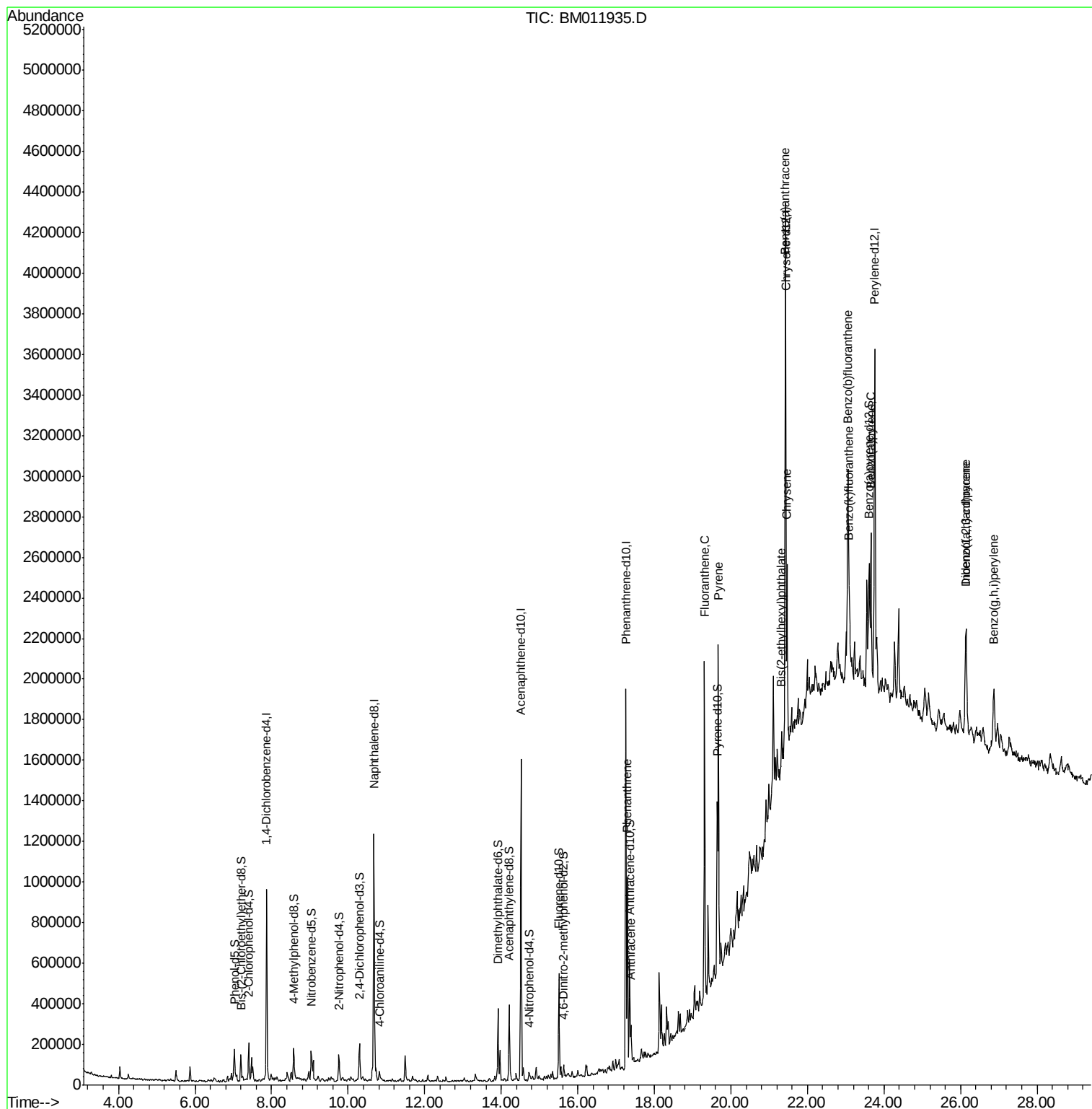
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011935.D
Acq On : 05 Oct 2017 21:21
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Sample : I5449-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

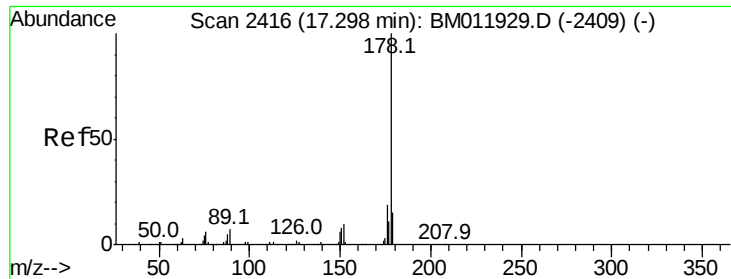
Instrument :
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B-60(FILL)-092617

Manual Integrations
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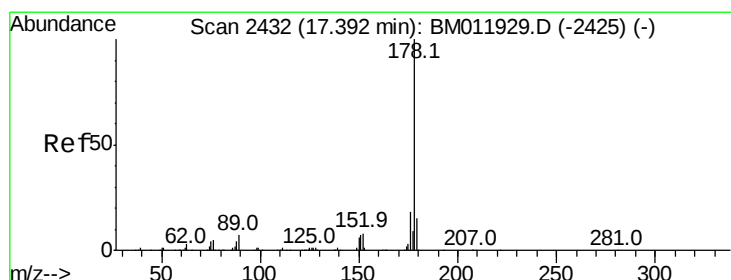
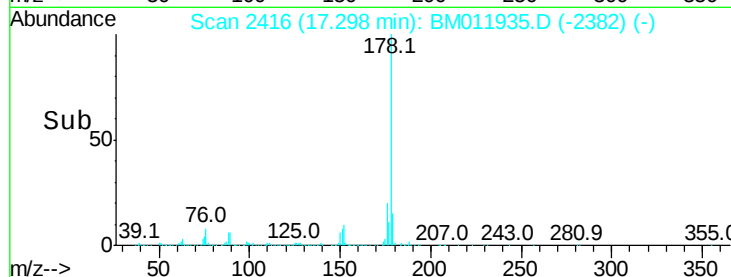
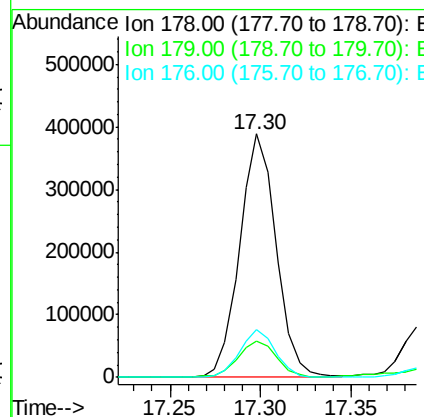
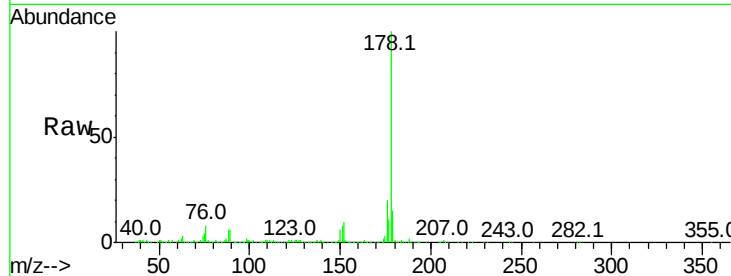
#69
 Phenanthrene
 Concen: 9.338 ng/ul
 RT: 17.30 min Scan# 2416
 Delta R.T. 0.00 min
 Lab File: BM011935.D
 Acq: 05 Oct 2017 21:21

Instrument :
 BNA_M
 ClientSampleId :
 B-60(FILL)-092617

Tot Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.1	12.6	19.0
176	19.7	14.9	22.3

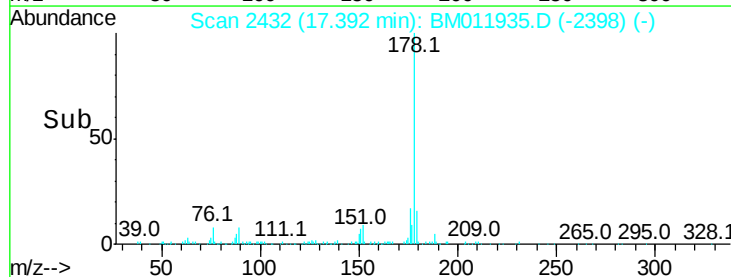
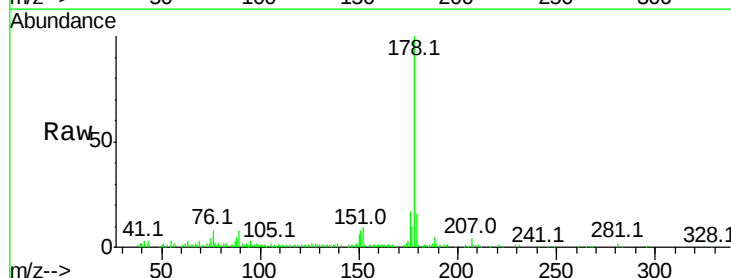
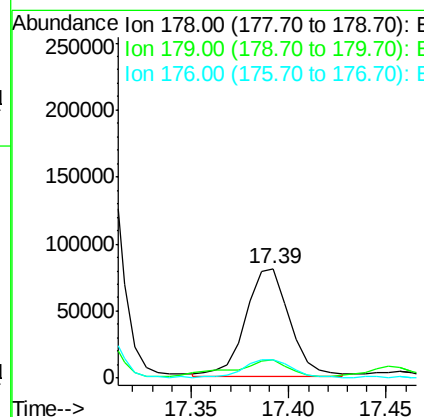
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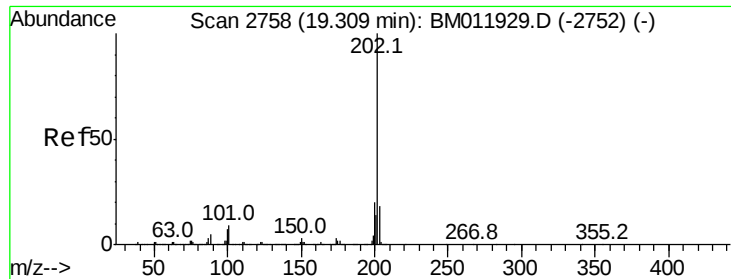
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#71
 Anthracene
 Concen: 2.139 ng/ul
 RT: 17.39 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BM011935.D
 Acq: 05 Oct 2017 21:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.5	11.7	17.5
176	17.1	14.6	21.8





#74

Fluoranthene

Concen: 13.524 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 21:21

Instrument :

BNA_M

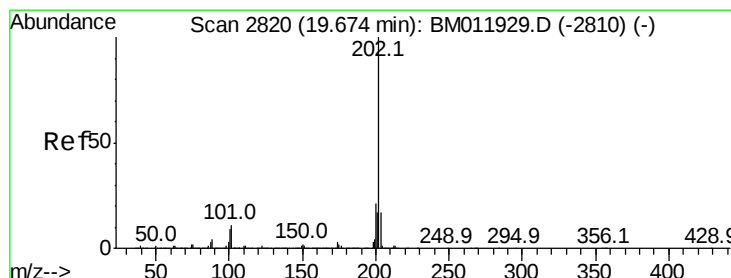
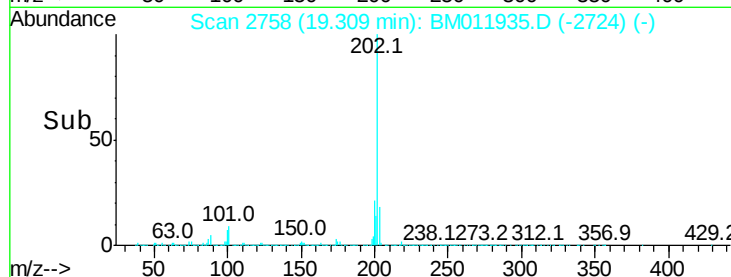
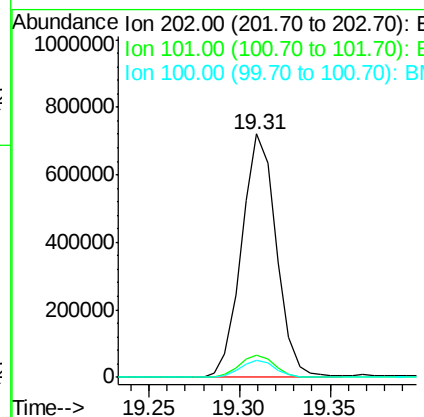
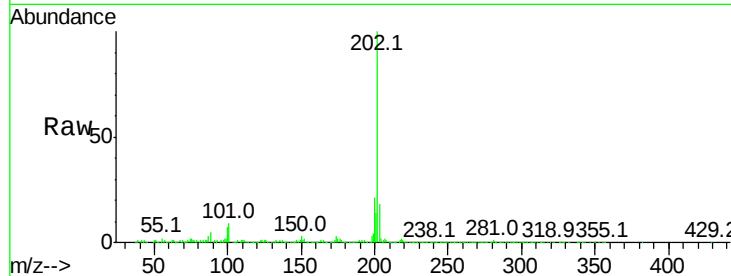
ClientSampleId :

B-60(FILL)-092617

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	7.2	3.4	5.2#

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#77

Pyrene

Concen: 14.197 ng/ul

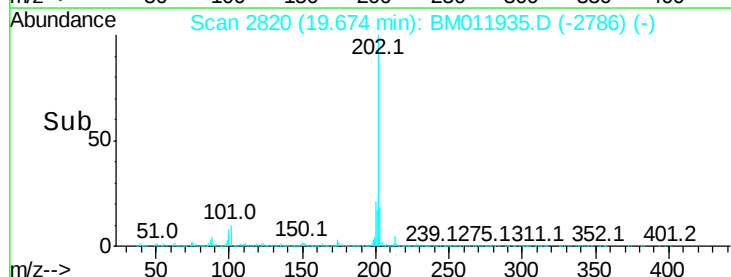
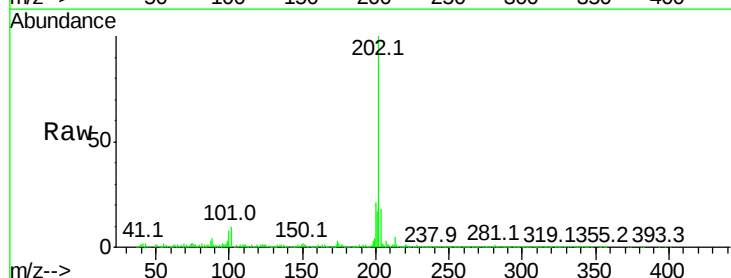
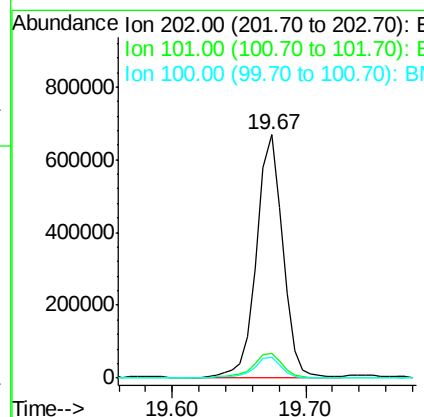
RT: 19.67 min Scan# 2820

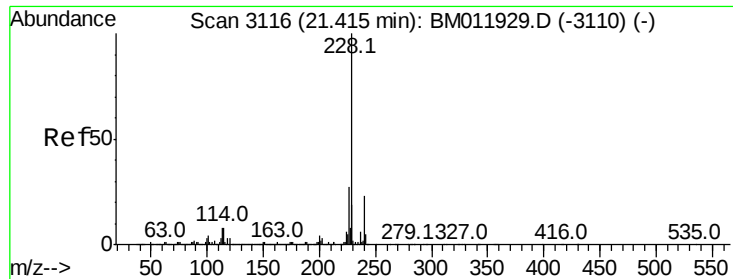
Delta R.T. 0.00 min

Lab File: BM011935.D

Acq: 05 Oct 2017 21:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	8.5	4.9	7.3#





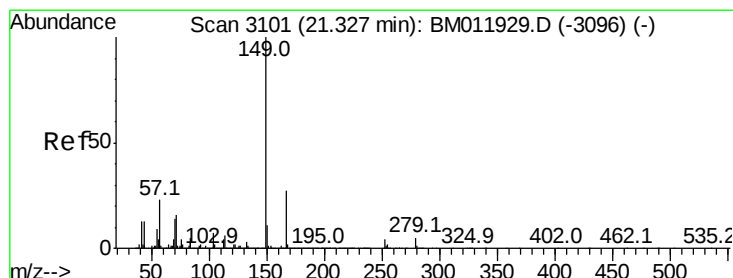
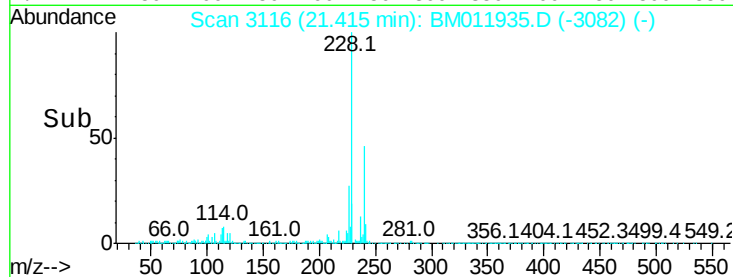
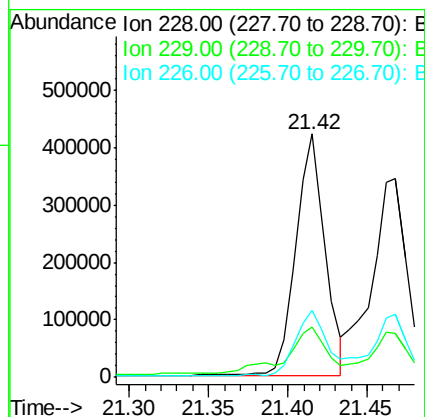
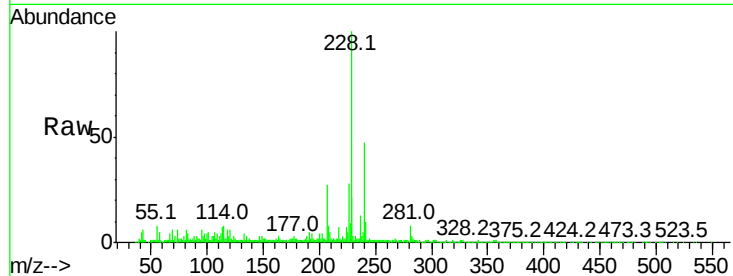
#80
Benzo(a)anthracene
Concen: 8.153 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Instrument :
BNA_M
ClientSampleId :
B-60(FILL)-092617

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	27.6	21.4	32.0

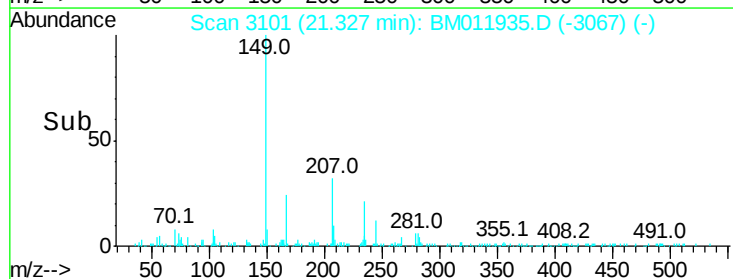
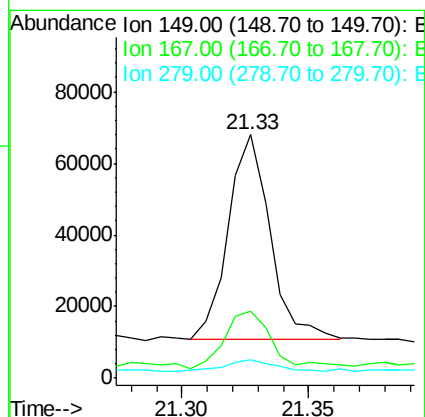
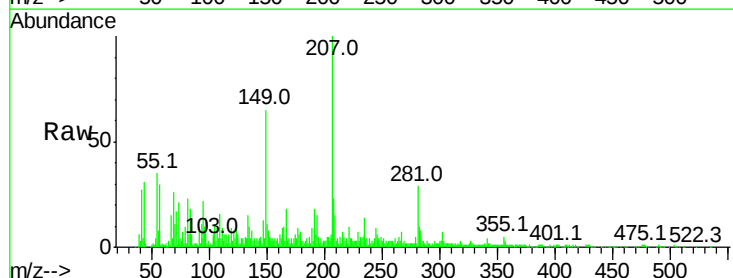
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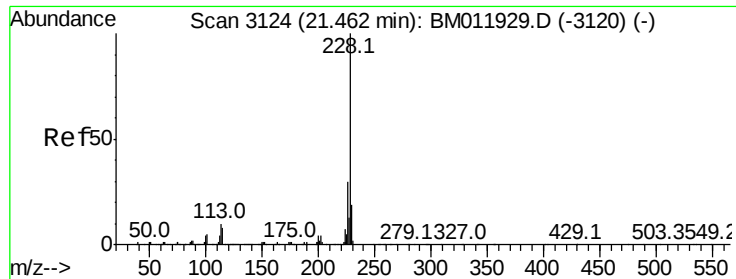
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.774 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	7.8	4.9	7.3#





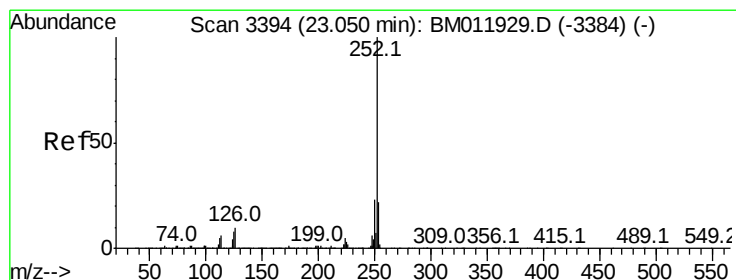
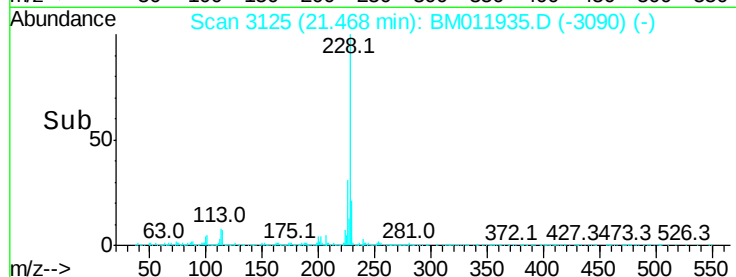
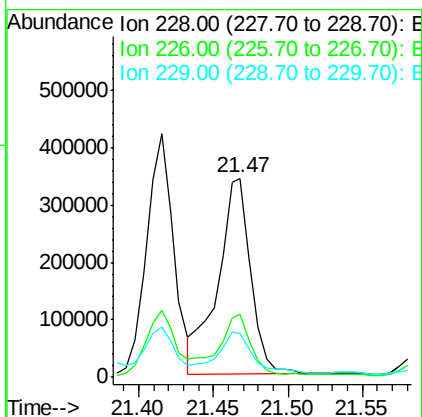
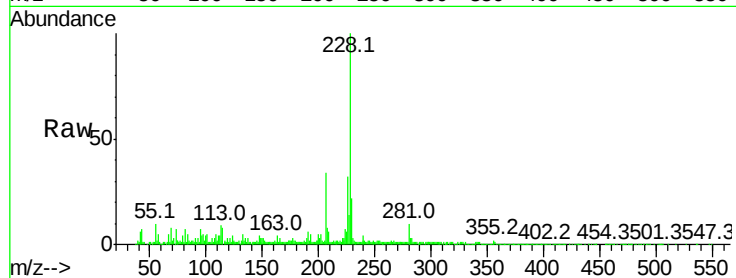
#82
Chrysene
Concen: 8.543 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Instrument :
BNA_M
ClientSampleId :
B-60(FILL)-092617

Tot Ion	Ratio	Resp	Lower	Upper
228	100	531524		
226	31.5	23.4	35.2	
229	22.3	15.5	23.3	

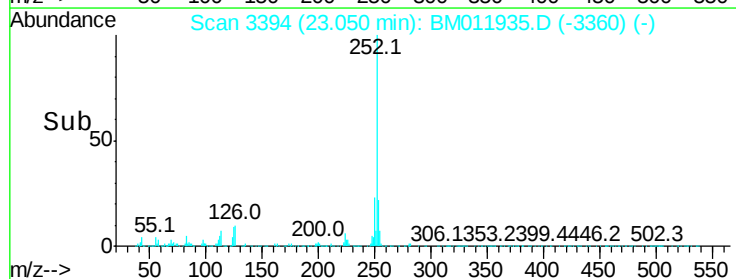
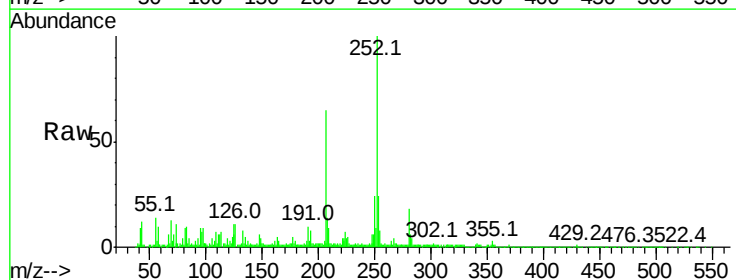
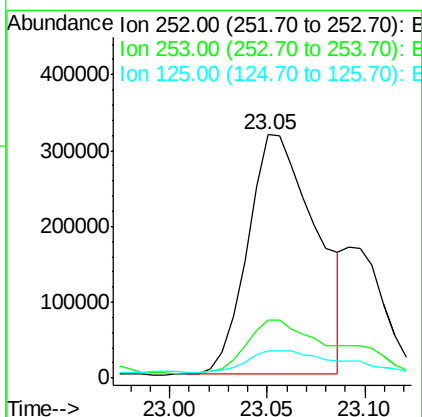
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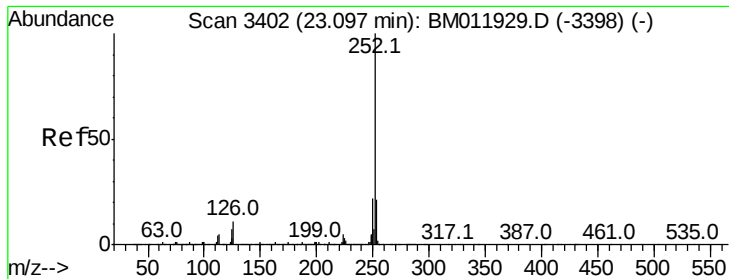
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#85
Benzo(b)fluoranthene
Concen: 9.935 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.00 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	766185		
253	24.0	17.9	26.9	
125	11.2	3.6	5.4	





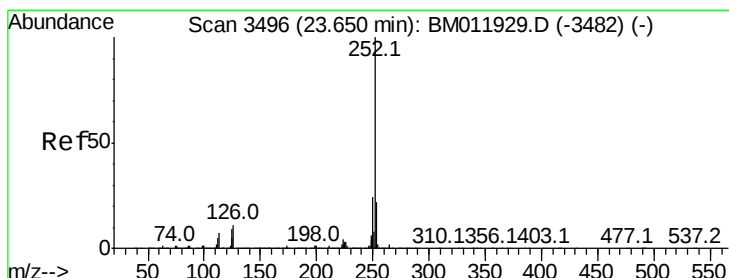
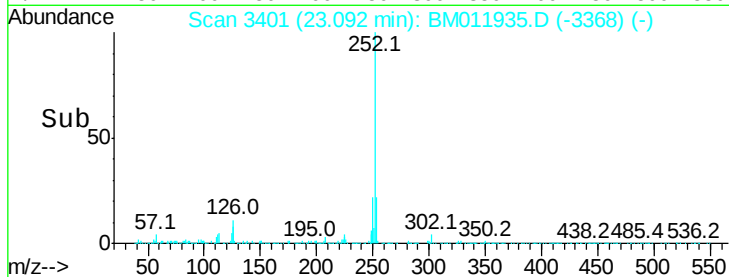
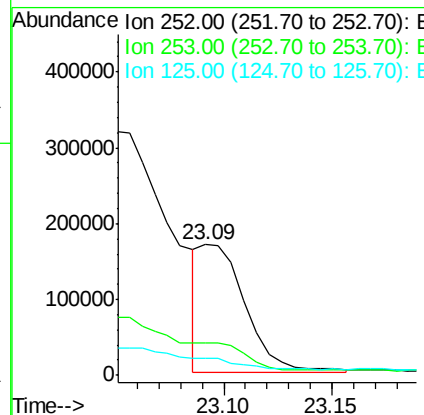
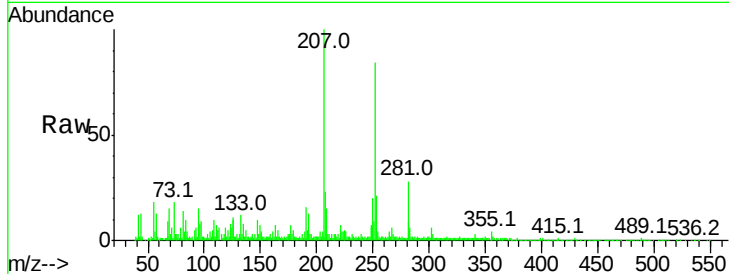
#86
Benzo(k)fluoranthene
Concen: 3.136 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Instrument :
BNA_M
ClientSampleId :
B-60(FILL)-092617

Tot Ion	Ratio	Resp	Lower	Upper
252	100	241446		
253	24.7	17.1	25.7	
125	12.6	3.4	5.2	

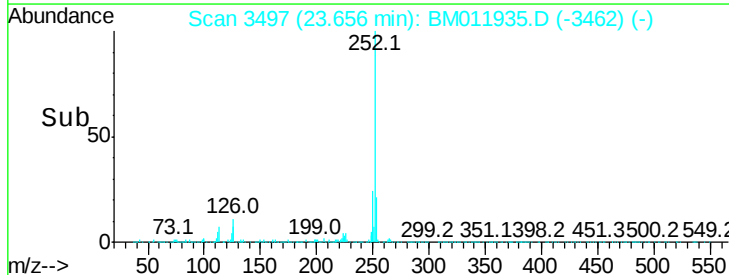
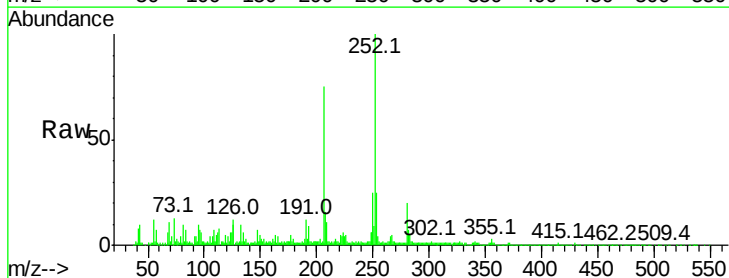
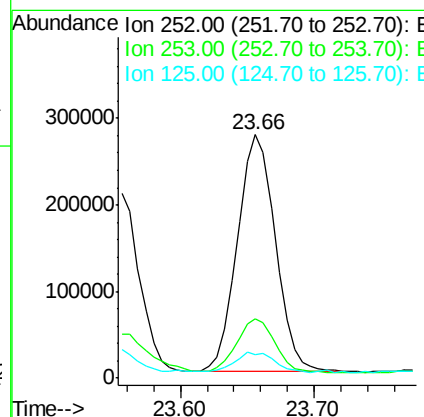
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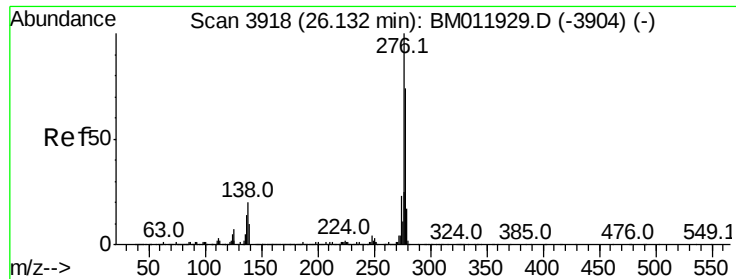
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#88
Benzo(a)pyrene
Concen: 7.317 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	542179		
253	24.5	18.2	27.2	
125	9.8	4.0	6.0	





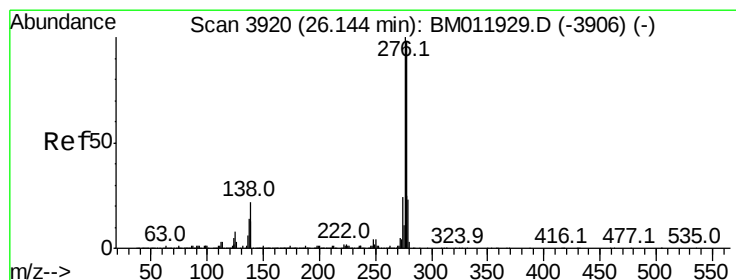
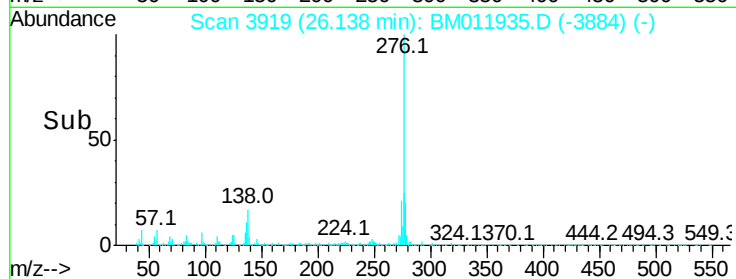
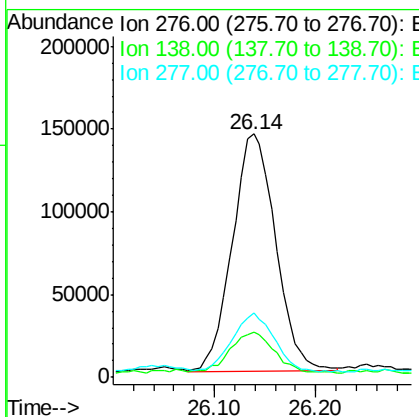
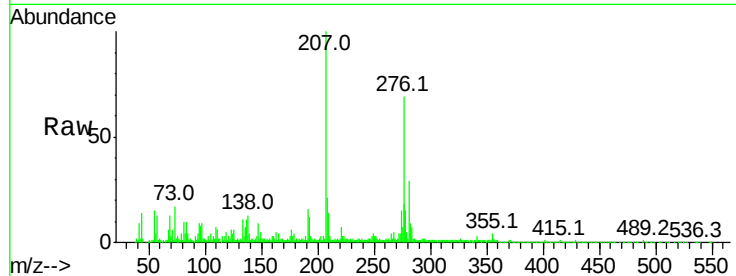
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Indeno(1,2,3-cd)pyrene
Concen: 5.365 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Instrument :
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B-60(FILL)-092617

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	18.4	9.3	13.9#
277	26.7	19.9	29.9

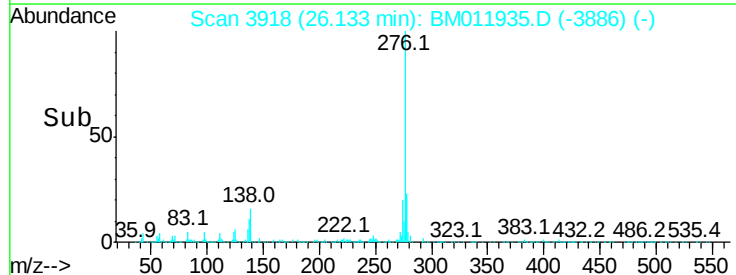
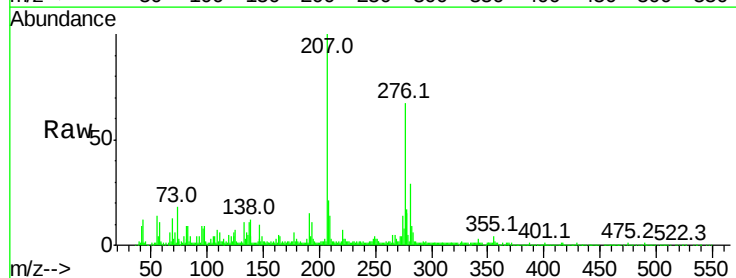
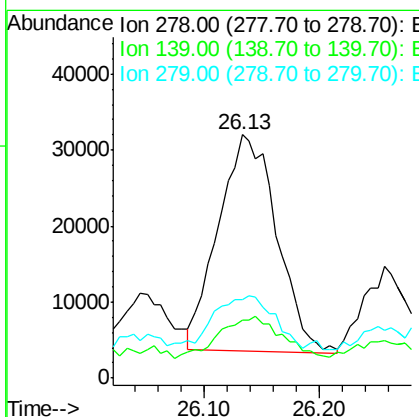
Manual Integrations
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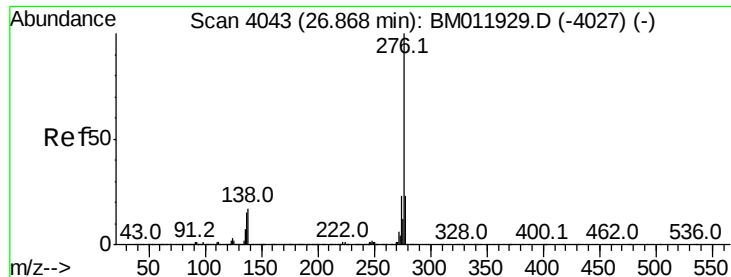
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#90
Dibenzo(a,h)anthracene
Concen: 1.538 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM011935.D
Acq: 05 Oct 2017 21:21

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	23.6	5.8	8.8#
279	32.3	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 6.039 ng/ul

RT: 26.87 min Scan# 4044

Delta R.T. 0.01 min

Lab File: BM011935.D

Acq: 05 Oct 2017 21:21

Instrument :

BNA_M

ClientSampleId :

B-60(FILL)-092617

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	18.2	8.5	12.7#
277	23.6	18.6	28.0

Manual Integrations
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