

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012459.D
 Acq On : 26 Oct 2017 00:13
 Operator : SJ/JU
 Sample : I5873-07 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-18(5-6)_101217

Manual Integrations
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Sohil
 10/27/2017 8:54:22 AM

Quant Time: Oct 26 08:55:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	614261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2564695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1571583	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3254263	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2536729	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2765127	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	21639	1.80	ng/uL	0.00
5) Phenol-d5	7.05	99	493610	9.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	322545	10.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	410947	10.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	403492	9.20	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	205555	12.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	223880	13.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	468743	10.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	398254	8.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1497123	10.90	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1825917	11.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	110065	5.39	ng/ul	0.00
57) Fluorene-d10	15.50	176	1268570	10.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	34774	2.21	ng/ul	0.00
70) Anthracene-d10	17.35	188	1777115	11.46	ng/ul	0.00
76) Pyrene-d10	19.64	212	1604752	13.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1527542	11.63	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.07	94	87313	1.634	ng/ul	92
69) Phenanthrene	17.30	178	1647628	9.362	ng/ul	99
71) Anthracene	17.39	178	441571	2.428	ng/ul	100
74) Fluoranthene	19.30	202	3013084	15.110	ng/ul#	93
77) Pyrene	19.67	202	2637124	18.281	ng/ul#	94
80) Benzo(a)anthracene	21.41	228	1446260	9.521	ng/ul	95
82) Chrysene	21.46	228	1285001m	9.514	ng/ul	
85) Benzo(b)fluoranthene	23.04	252	1846479	10.802	ng/ul#	95
86) Benzo(k)fluoranthene	23.08	252	615309m	3.825	ng/ul	
88) Benzo(a)pyrene	23.63	252	1412140	8.665	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.07	276	946217	4.933	ng/ul	95
90) Dibenzo(a,h)anthracene	26.09	278	248393	1.528	ng/ul#	79
91) Benzo(g,h,i)perylene	26.80	276	729621	4.694	ng/ul#	94

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

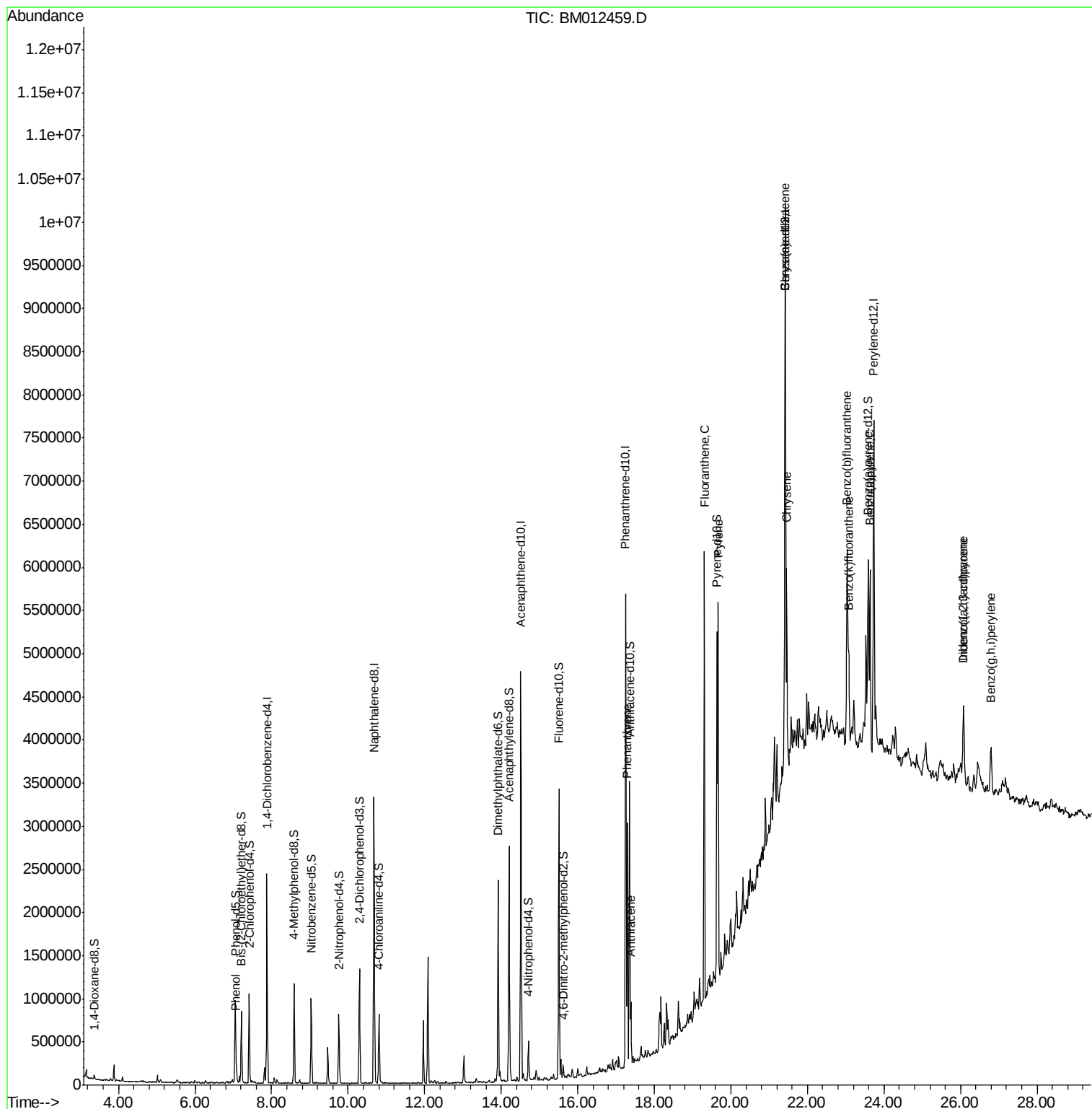
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

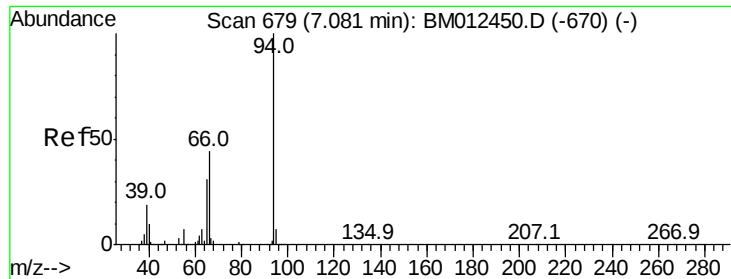
Instrument :
BNA_M
ClientSampleId :
B-18(5-6)_101217

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Quant Time: Oct 26 08:55:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.634 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

Instrument :

BNA_M

ClientSampleId :

B-18(5-6)_101217

Tot Ion: 94 Resp: 87313

Ion Ratio Lower Upper

94 100

65 38.4 28.2 42.4

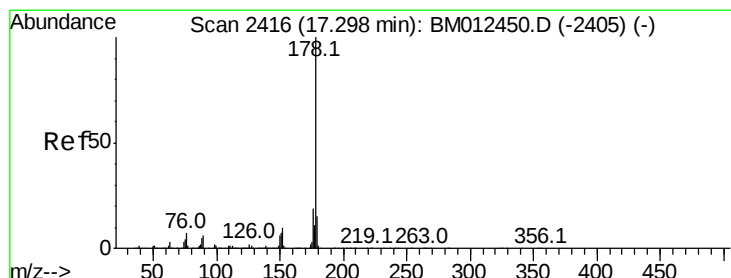
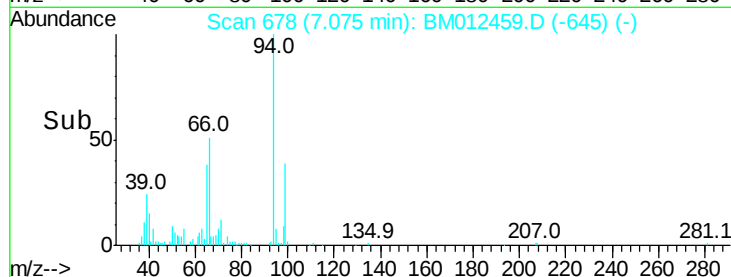
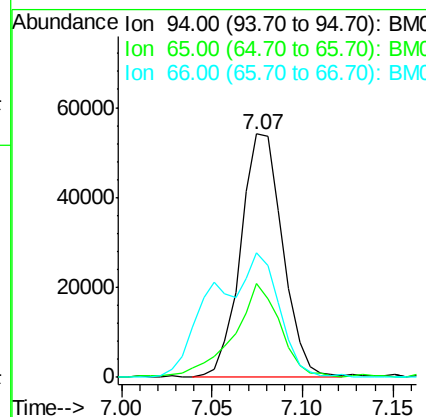
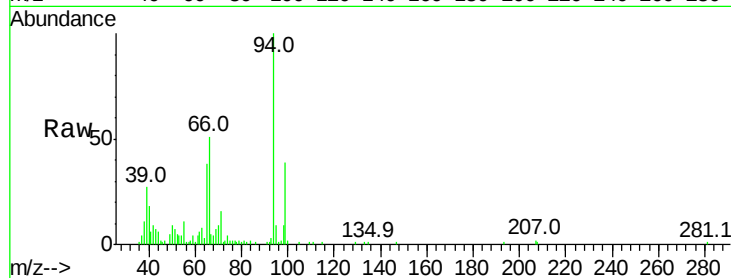
66 51.2 47.2 70.8

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#69

Phenanthrene

Concen: 9.362 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

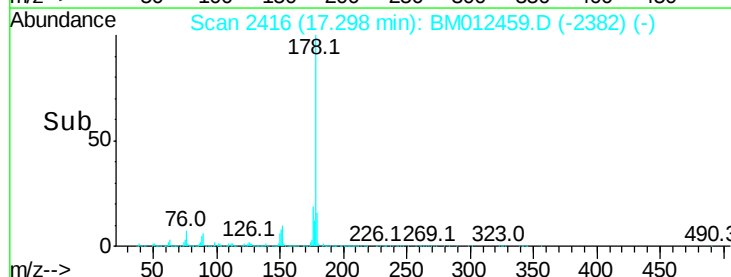
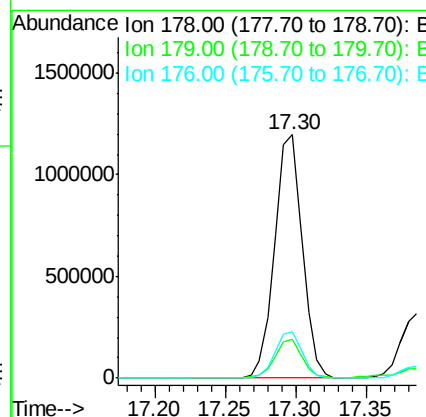
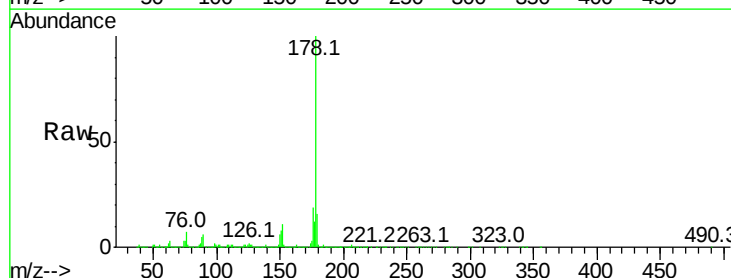
Tgt Ion: 178 Resp: 1647628

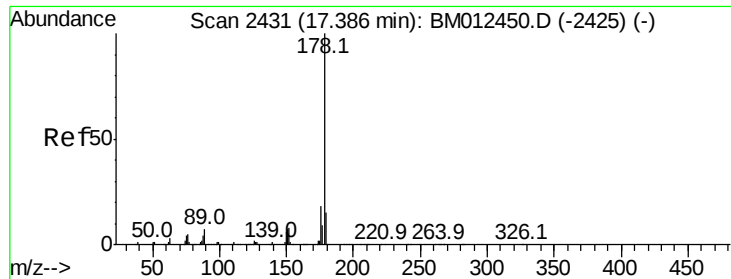
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.4 14.9 22.3





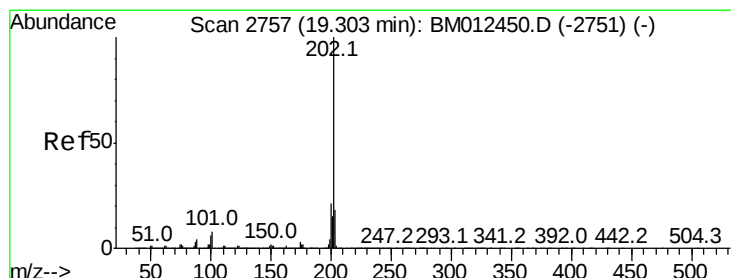
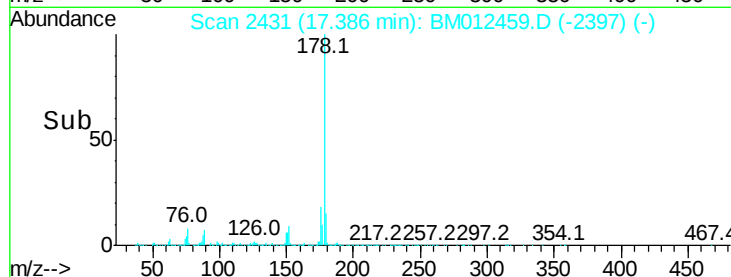
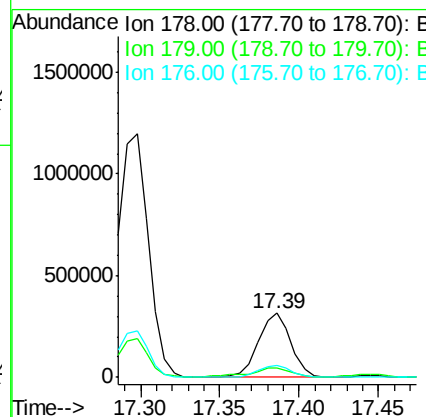
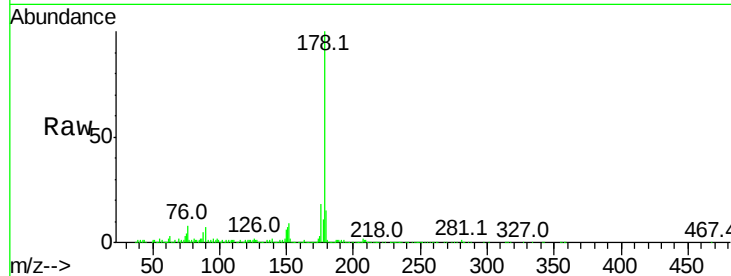
#71
 Anthracene
 Concen: 2.428 ng/ul
 RT: 17.39 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BM012459.D
 Acq: 26 Oct 2017 00:13

Instrument :
 BNA_M
 ClientSampleId :
 B-18(5-6)_101217

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.2	14.6	21.8

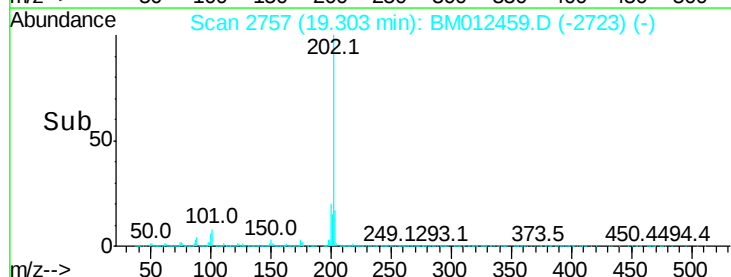
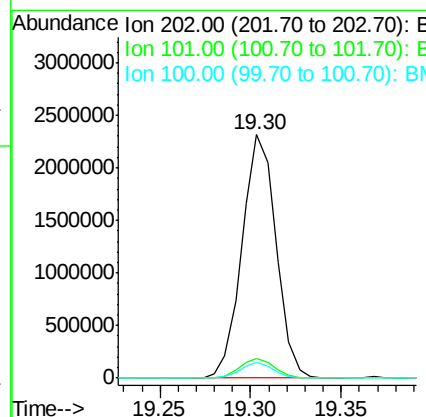
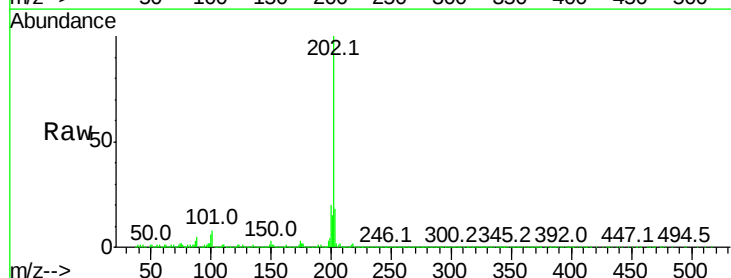
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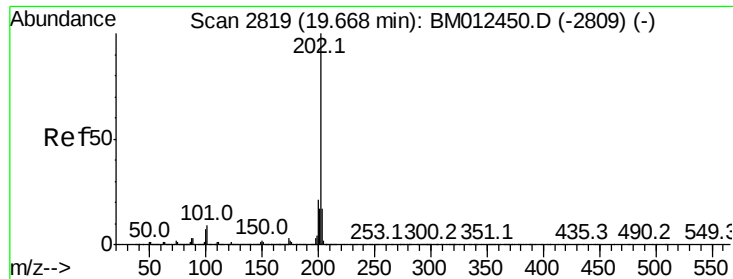
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#74
 Fluoranthene
 Concen: 15.110 ng/ul
 RT: 19.30 min Scan# 2757
 Delta R.T. -0.00 min
 Lab File: BM012459.D
 Acq: 26 Oct 2017 00:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.3	3.4	5.2#





#77

Pvrene

Concen: 18.281 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

Instrument :

BNA_M

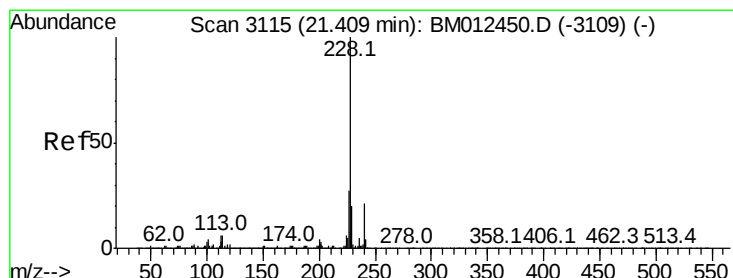
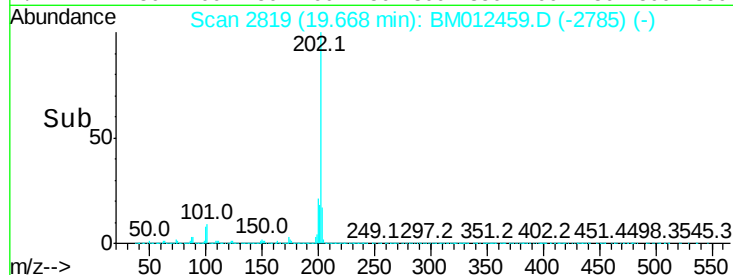
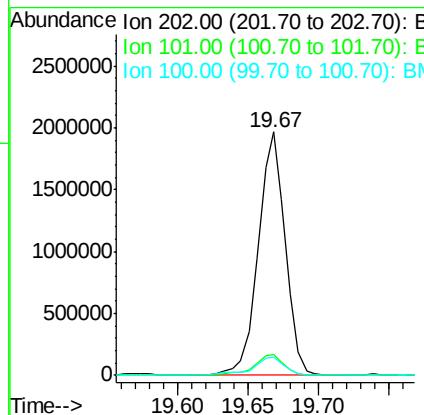
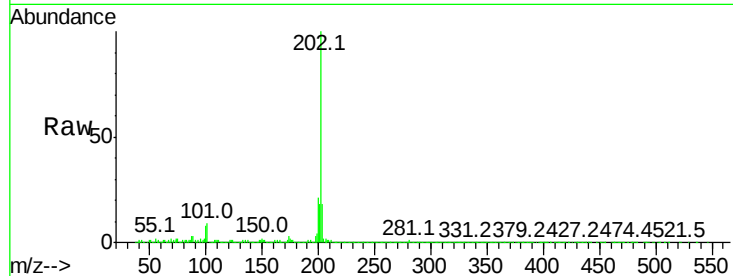
ClientSampleId :

B-18(5-6)_101217

Tot Ion:	202	Resp:	2637124
Ion Ratio	Lower	Upper	
202	100		
101	8.7	5.1	7.7#
100	7.5	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 9.521 ng/ul

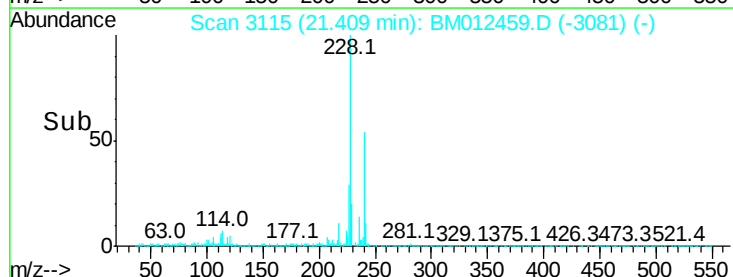
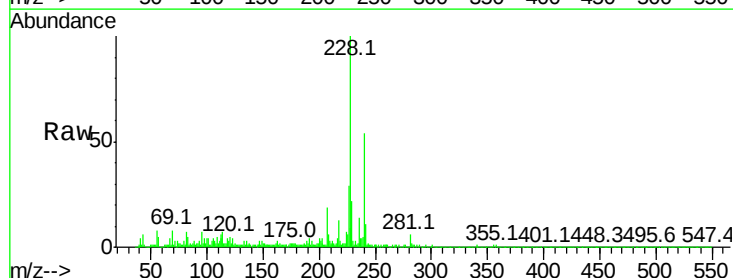
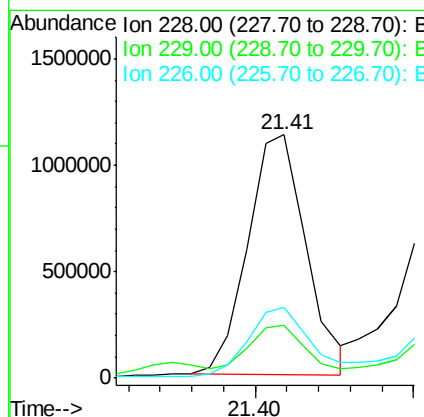
RT: 21.41 min Scan# 3115

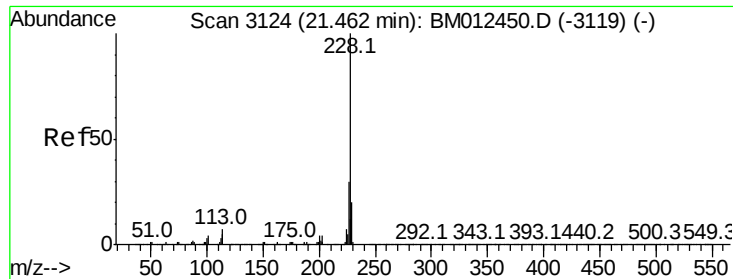
Delta R.T. -0.00 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

Tgt Ion:	228	Resp:	1446260
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.4	23.0
226	29.1	21.4	32.0





#82

Chrysene

Concen: 9.514 ng/ul m

RT: 21.46 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

Instrument :

BNA_M

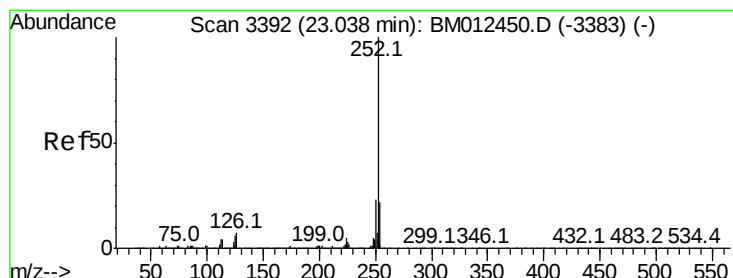
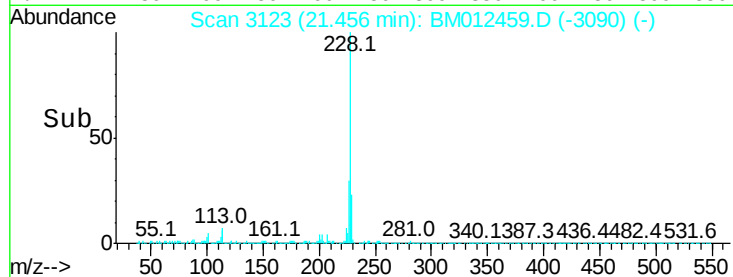
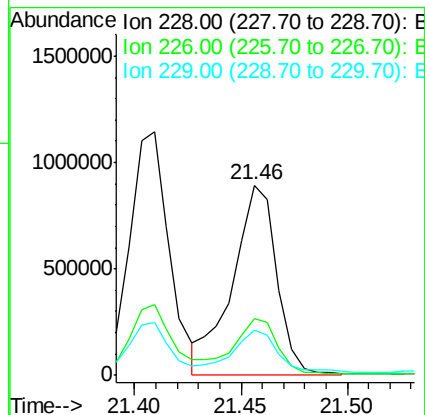
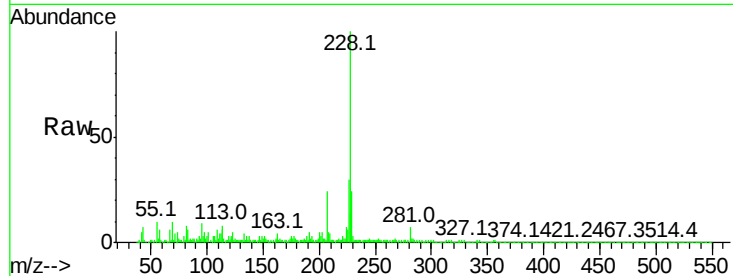
ClientSampleId :

B-18(5-6)_101217

Tot Ion:	228	Resp:	1285001
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	24.1	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 10.802 ng/ul

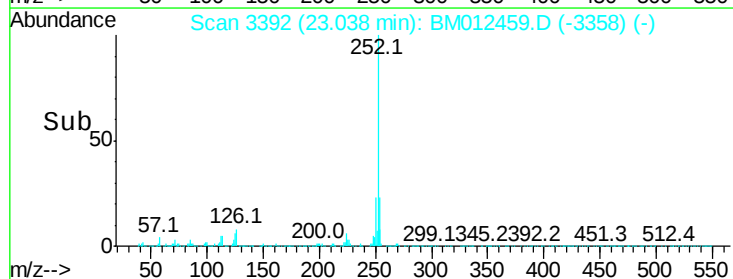
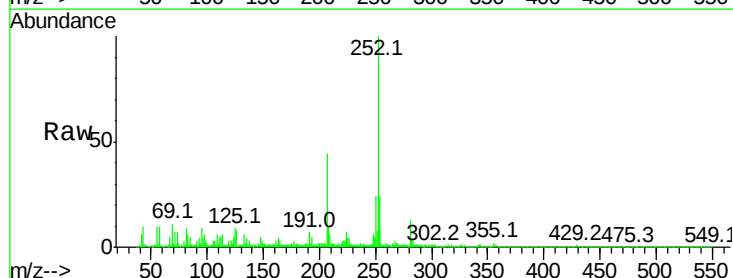
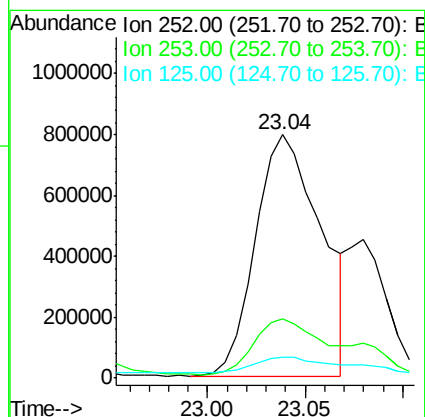
RT: 23.04 min Scan# 3392

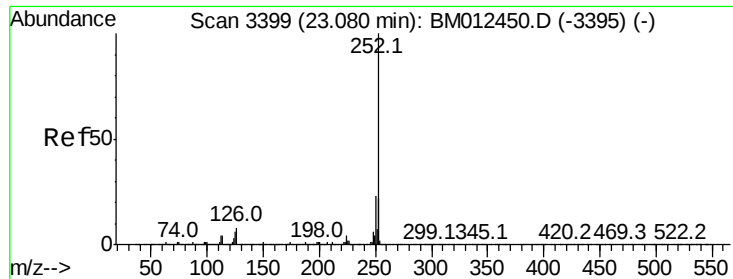
Delta R.T. -0.00 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

Tgt Ion:	252	Resp:	1846479
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.9	26.9
125	8.5	3.6	5.4#





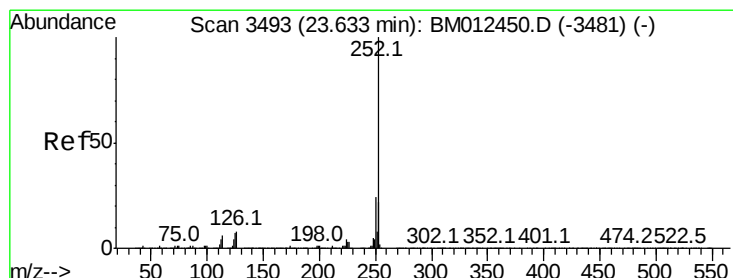
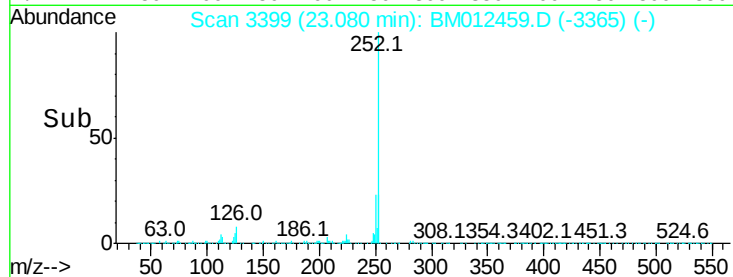
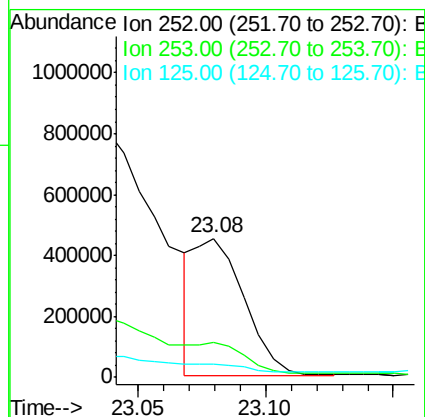
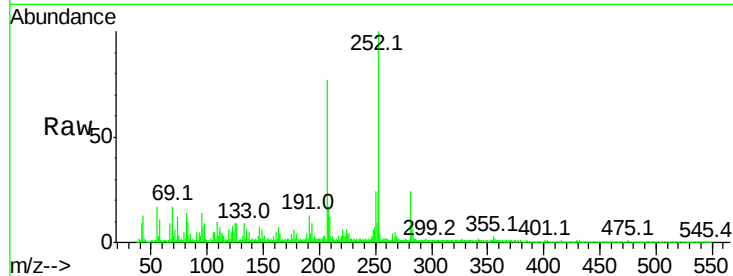
#86
Benzo(k)fluoranthene
Concen: 3.825 ng/ul
RT: 23.08 min Scan# 3399
Delta R.T. -0.00 min
Lab File: BM012459.D
Acq: 26 Oct 2017 00:13

Instrument :
BNA_M
ClientSampleId :
B-18(5-6)_101217

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	9.2	3.4	5.2

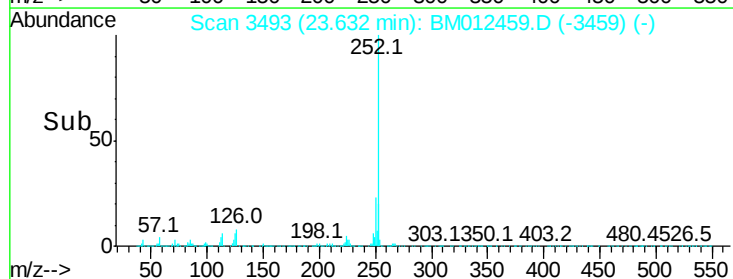
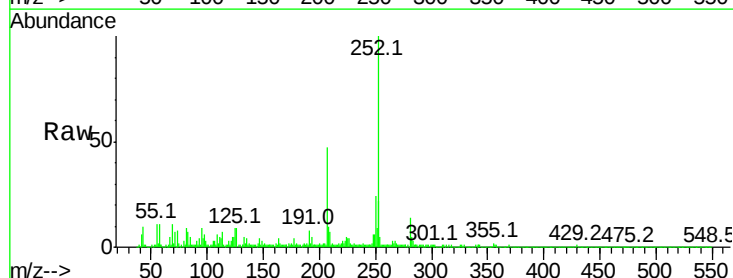
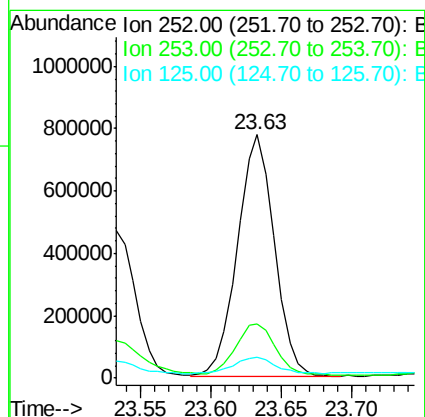
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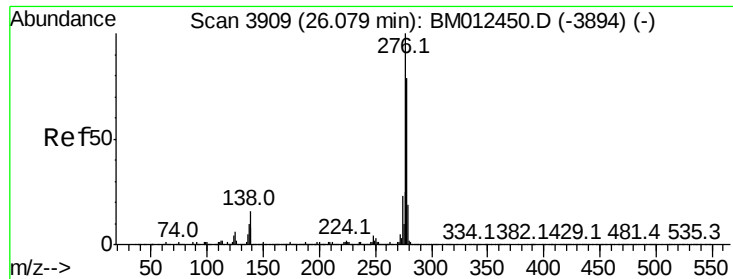
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#88
Benzo(a)pyrene
Concen: 8.665 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM012459.D
Acq: 26 Oct 2017 00:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	8.7	4.0	6.0





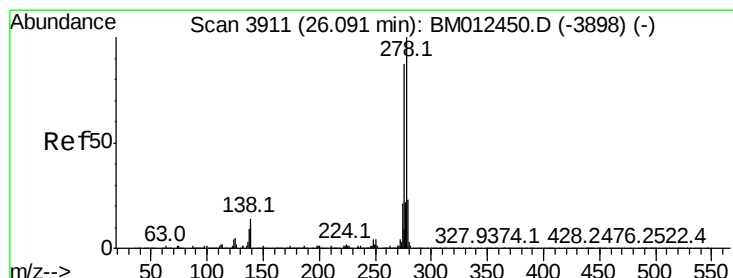
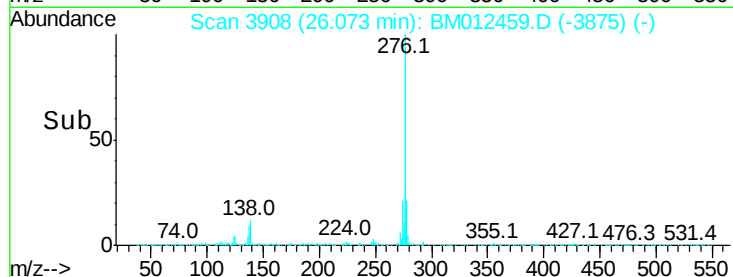
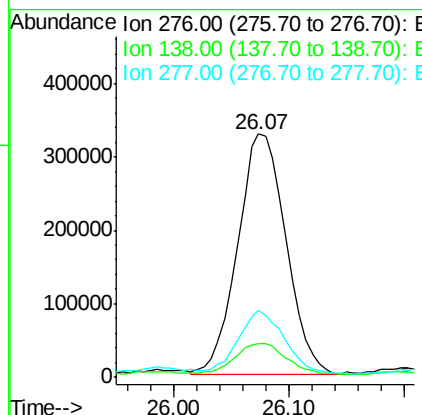
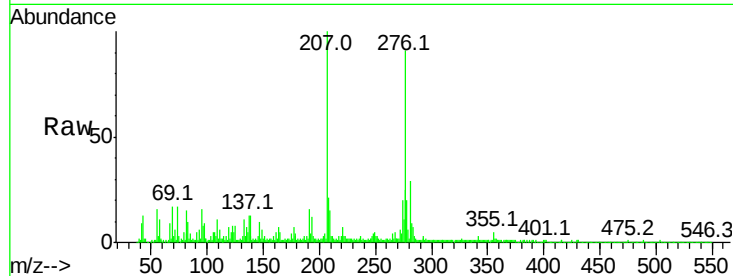
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.933 ng/ul
 RT: 26.07 min Scan# 3908
 Delta R.T. -0.01 min
 Lab File: BM012459.D
 Acq: 26 Oct 2017 00:13

Instrument :
 BNA_M
 ClientSampleId :
 B-18(5-6)_101217

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	13.7	9.3	13.9
277	27.3	19.9	29.9

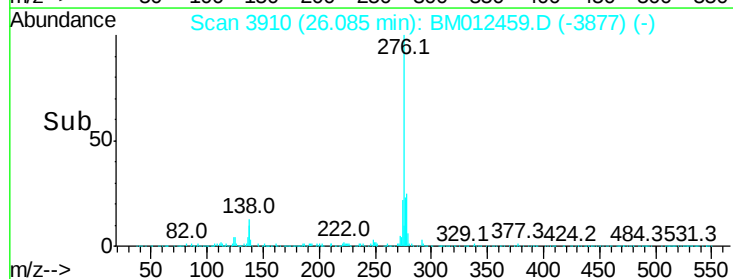
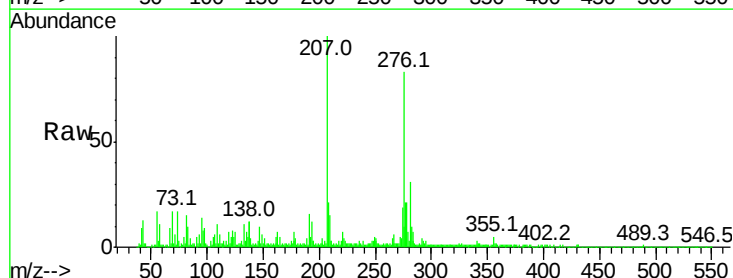
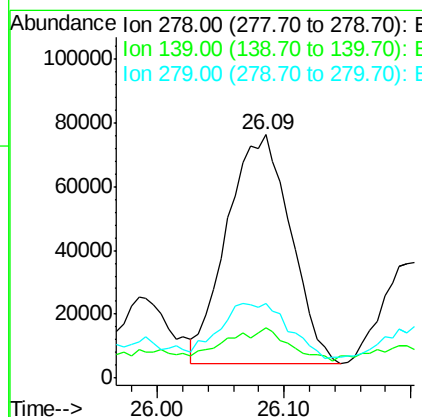
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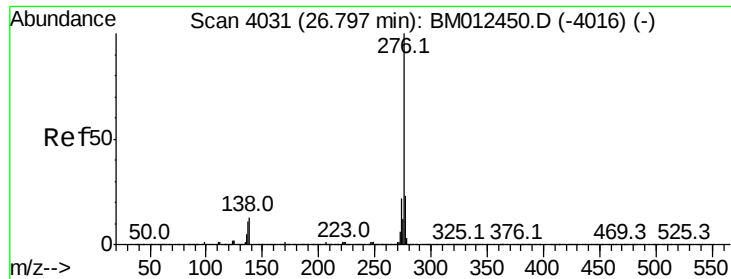
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#90
 Dibenzo(a,h)anthracene
 Concen: 1.528 ng/ul
 RT: 26.09 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BM012459.D
 Acq: 26 Oct 2017 00:13

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	20.5	5.8	8.8#
279	30.8	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 4.694 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. -0.00 min

Lab File: BM012459.D

Acq: 26 Oct 2017 00:13

Instrument :

BNA_M

ClientSampleId :

B-18(5-6)_101217

Tot Ion:	276	Resp:	729621
Ion Ratio	Lower	Upper	
276	100		
138	14.5	8.5	12.7#
277	25.5	18.6	28.0

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