

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012810.D
 Acq On : 07 Nov 2017 23:51
 Operator : SJ/JU
 Sample : I6164-01DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 ETOD1DL

Manual Integrations
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Quant Time: Nov 08 11:36:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	148879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	628483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	386969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	850567m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	738491	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	756062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1788	0.65	ng/uL	0.00
5) Phenol-d5	6.97	99	35582	3.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	21452	3.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	32583	3.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	25616	2.68	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	15471	3.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	17709	3.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	34003	3.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	18638	1.77	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	115588	3.61	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	135424	3.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	9926m	1.93	ng/ul	0.01
57) Fluorene-d10	15.43	176	101018	3.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	7250	1.29	ng/ul	0.00
70) Anthracene-d10	17.28	188	150912	3.67	ng/ul	0.00
78) Pyrene-d10	19.57	212	146286	4.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	130896	3.66	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.89	163	33959	1.07	ng/ul#	98
69) Phenanthrene	17.23	178	487180m	10.48	ng/ul	
71) Anthracene	17.32	178	126600	2.63	ng/ul	99
76) Fluoranthene	19.24	202	1169185	20.93	ng/ul	95
79) Pyrene	19.60	202	898975	20.40	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	451345	10.10	ng/ul	99
84) Chrysene	21.40	228	448655	11.08	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	622240	13.47	ng/ul#	95
88) Benzo(k)fluoranthene	23.00	252	215616m	4.91	ng/ul	
90) Benzo(a)pyrene	23.54	252	418632m	9.52	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.94	276	324204	6.12	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.95	278	76849	1.71	ng/ul#	80
93) Benzo(g,h,i)perylene	26.66	276	277928	6.37	ng/ul#	90

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

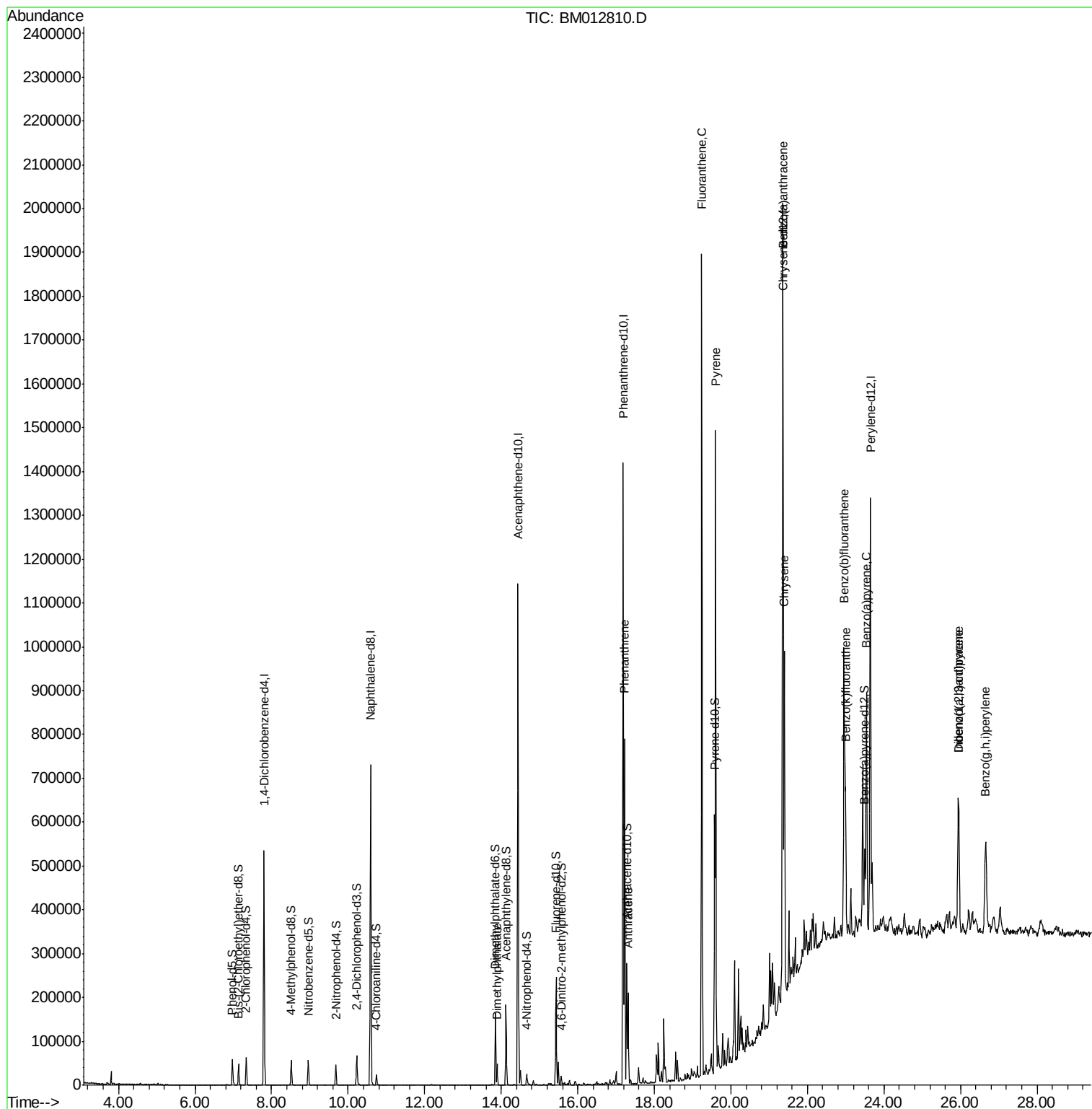
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012810.D
Acq On : 07 Nov 2017 23:51
Operator : SJ/JU
Sample : I6164-01DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

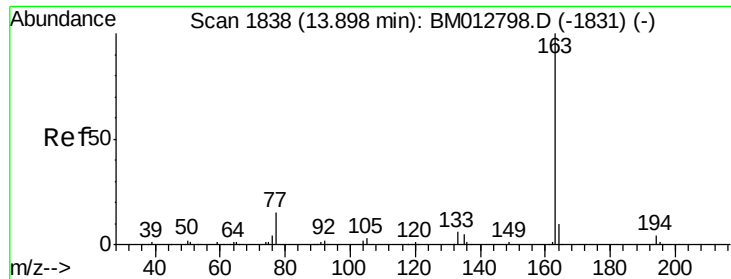
Instrument :
BNA_M
ClientSampled :
ET0D1DL

Quant Time: Nov 08 11:36:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
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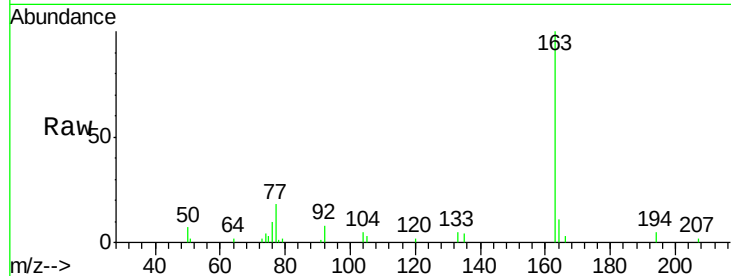
#44
Dimethylphthalate
Concen: 1.07 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012810.D
Acq: 07 Nov 2017 23:51

Instrument :
BNA_M
ClientSampleId :
ETOD1DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8#
164	10.5	7.8	11.8

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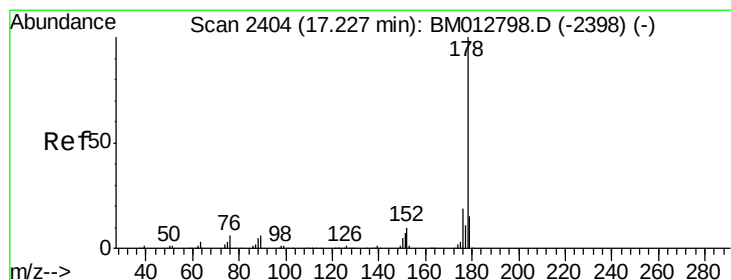
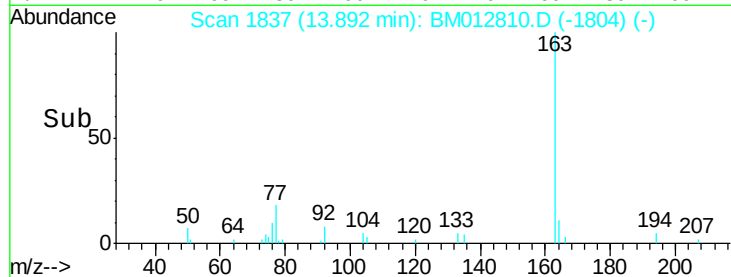
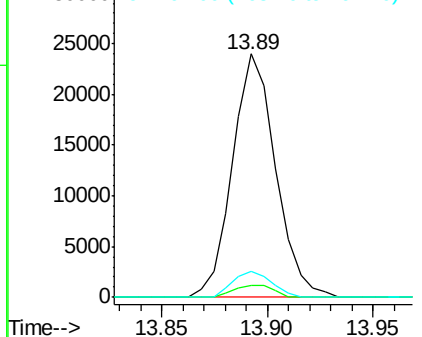


Abundance

Ion 163.00 (162.70 to 163.70): E

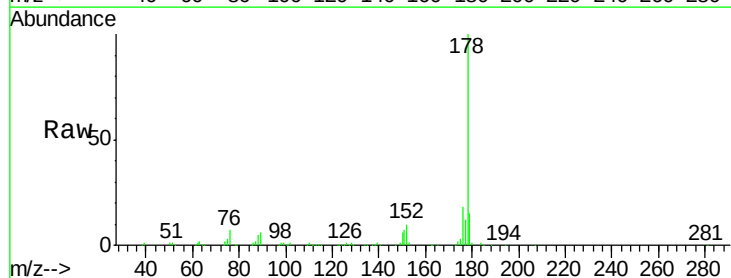
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 10.48 ng/ul m
RT: 17.23 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM012810.D
Acq: 07 Nov 2017 23:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.3	15.6	23.4

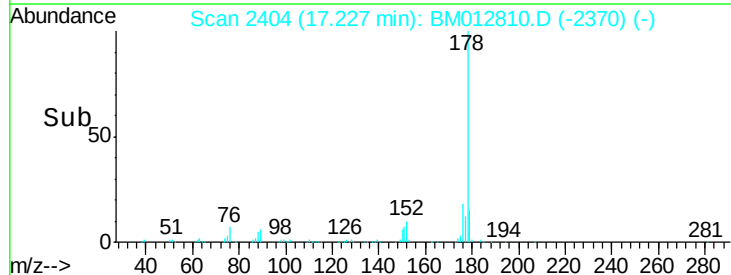
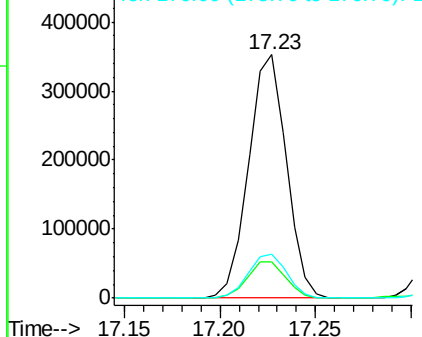


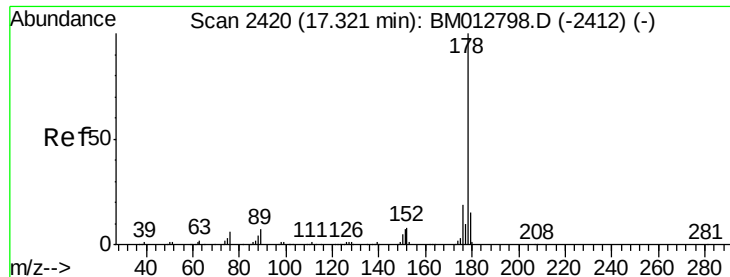
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





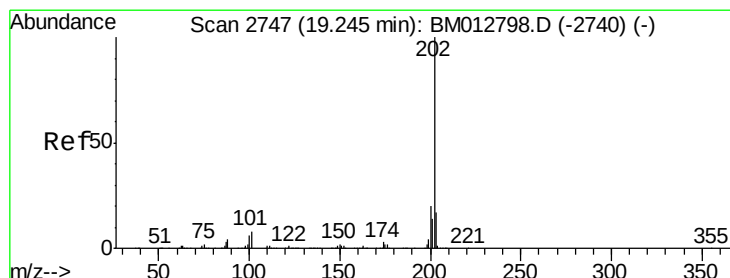
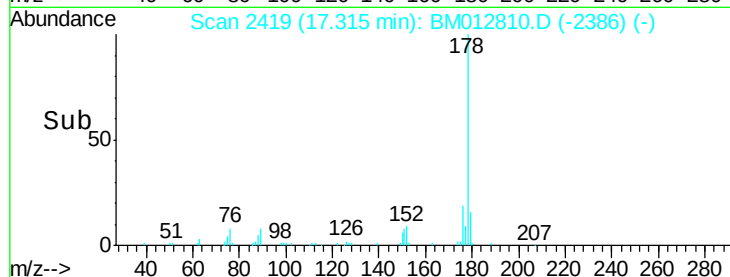
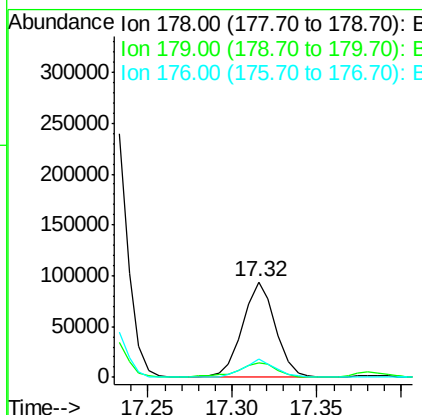
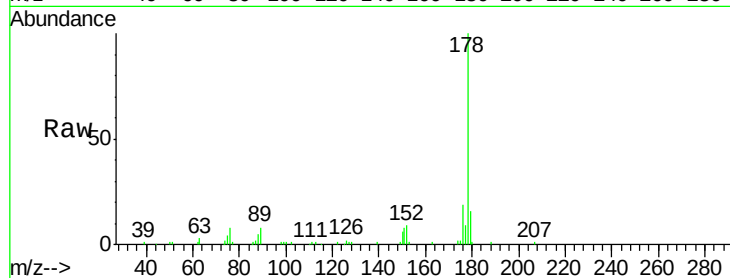
#71
 Anthracene
 Concen: 2.63 ng/ul
 RT: 17.32 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM012810.D
 Acq: 07 Nov 2017 23:51

Instrument :
 BNA_M
 ClientSampleId :
 ETOD1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.8	14.8	22.2

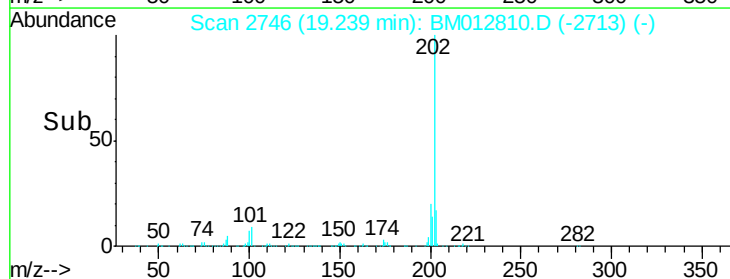
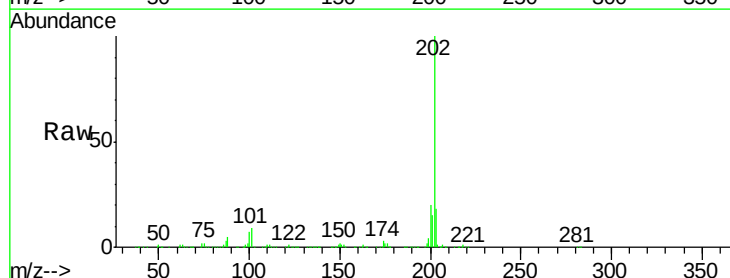
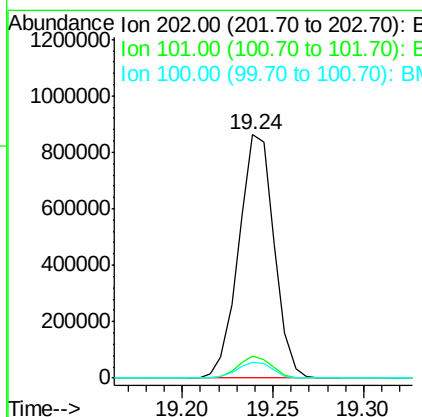
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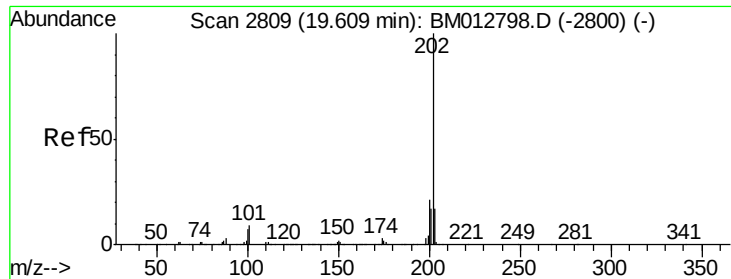
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#76
 Fluoranthene
 Concen: 20.93 ng/ul
 RT: 19.24 min Scan# 2746
 Delta R.T. -0.01 min
 Lab File: BM012810.D
 Acq: 07 Nov 2017 23:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.8	13.2
100	6.6	6.6	9.8





#79

Pvrene

Concen: 20.40 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012810.D

Acq: 07 Nov 2017 23:51

Instrument :

BNA_M

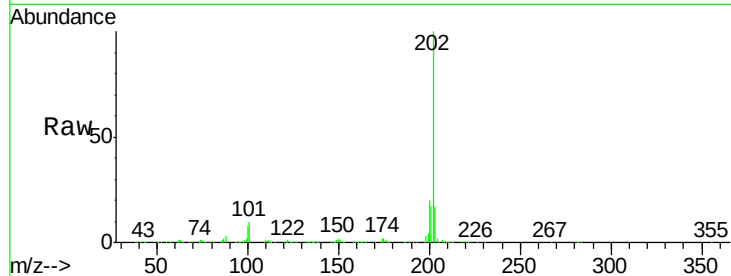
ClientSampleId :

ETOD1DL

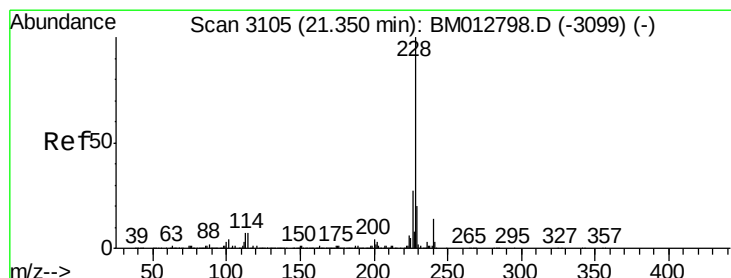
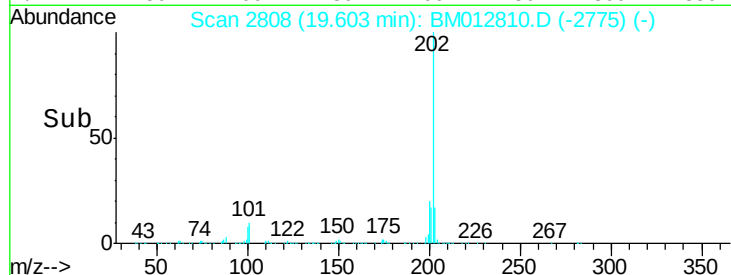
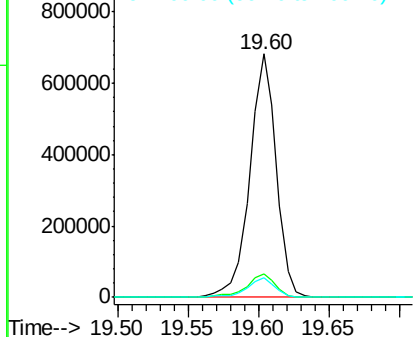
Tot Ion:	202	Resp:	898975
Ion Ratio	Lower	Upper	
202	100		
101	9.7	10.2	15.2#
100	8.2	8.5	12.7#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 10.10 ng/ul

RT: 21.35 min Scan# 3105

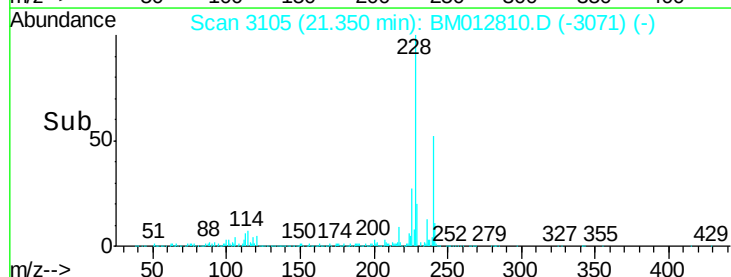
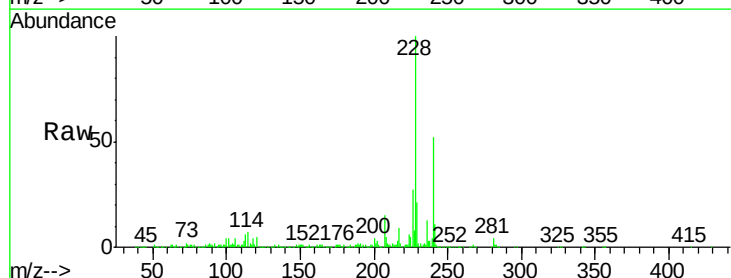
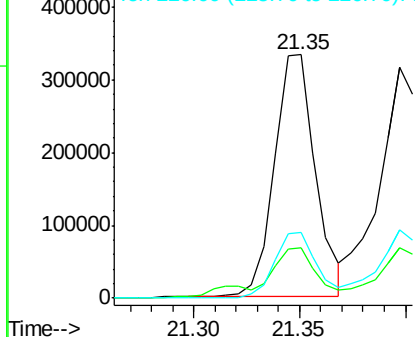
Delta R.T. -0.00 min

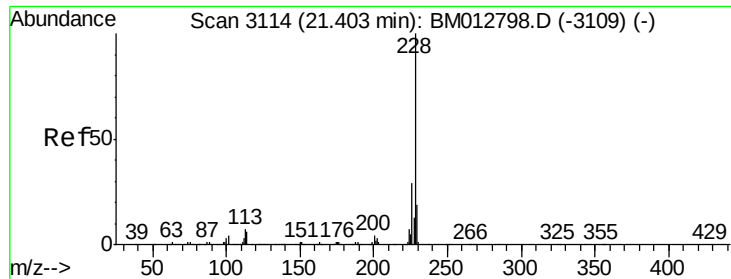
Lab File: BM012810.D

Acq: 07 Nov 2017 23:51

Tgt Ion:	228	Resp:	451345
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.7	23.5
226	27.2	21.8	32.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





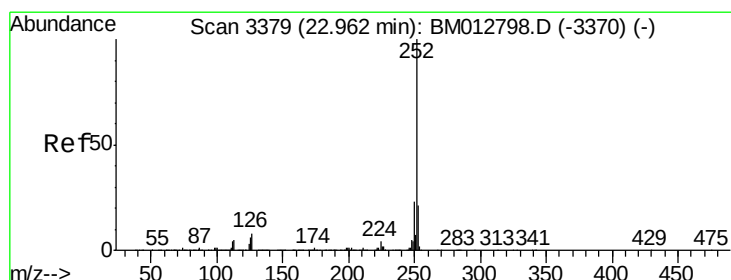
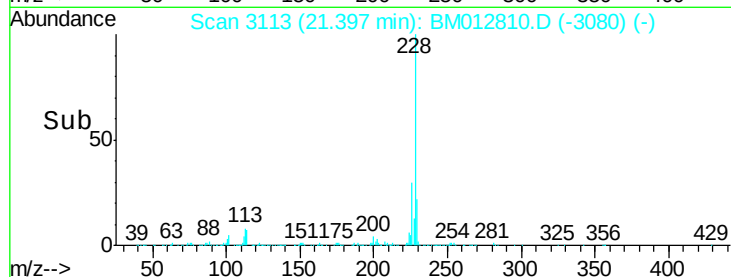
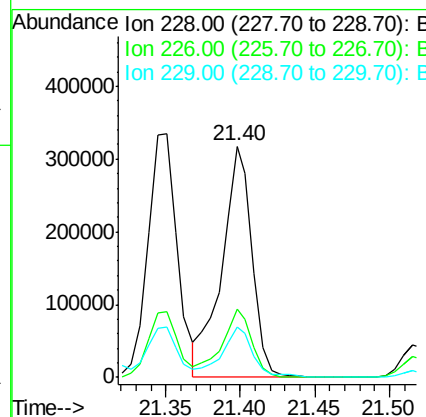
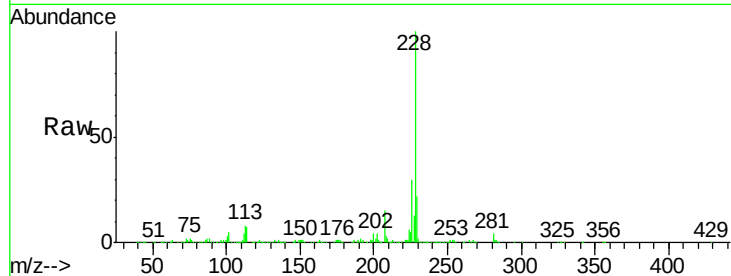
#84
 Chrysene
 Concen: 11.08 ng/ul
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BM012810.D
 Acq: 07 Nov 2017 23:51

Instrument :
 BNA_M
 ClientSampleId :
 ETOD1DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	21.8	15.6	23.4

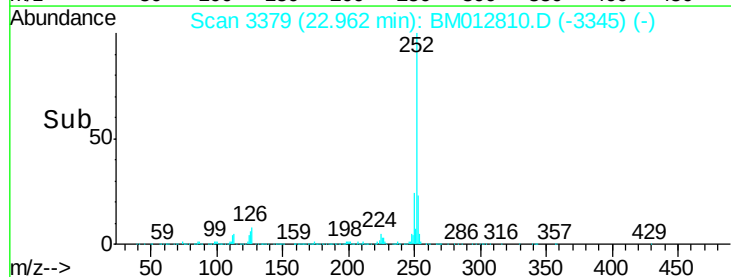
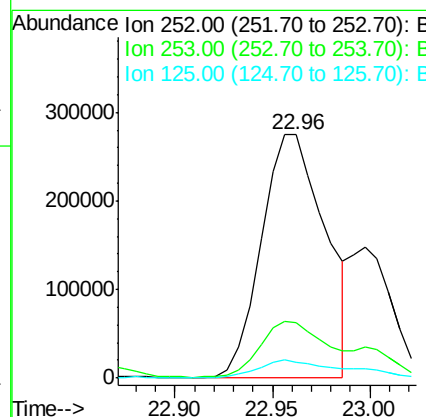
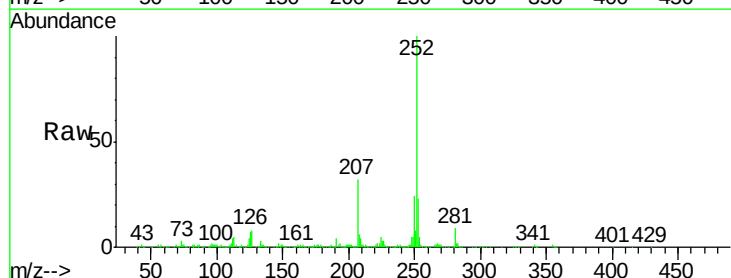
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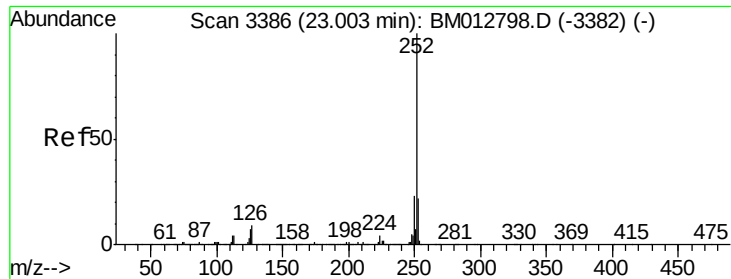
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#87
 Benzo(b)fluoranthene
 Concen: 13.47 ng/ul
 RT: 22.96 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: BM012810.D
 Acq: 07 Nov 2017 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	6.6	8.5	12.7





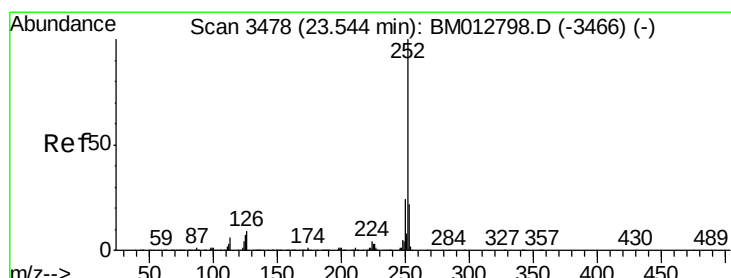
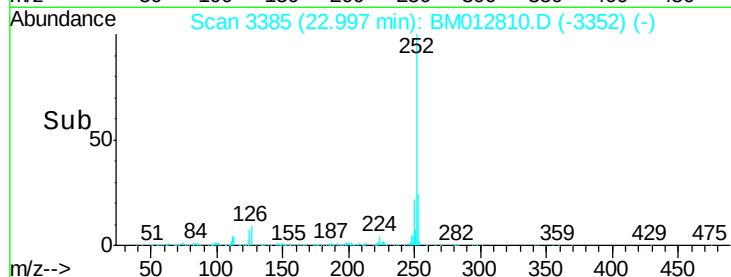
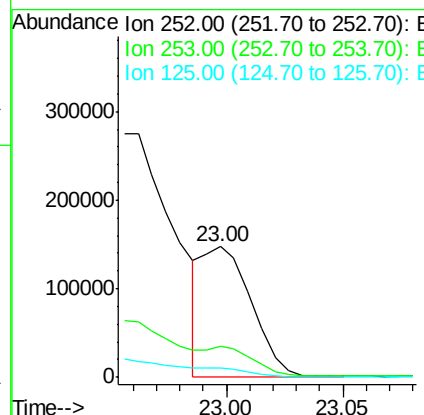
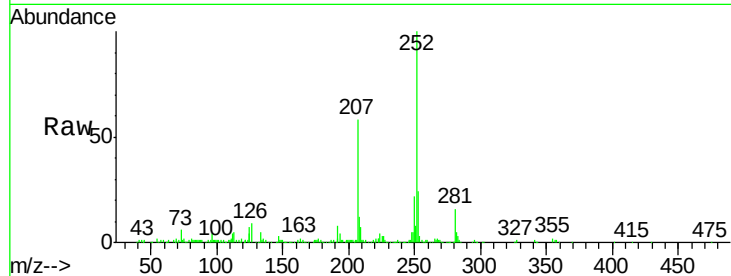
#88
Benzo(k)fluoranthene
Concen: 4.91 ng/ul m
RT: 23.00 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BM012810.D
Acq: 07 Nov 2017 23:51

Instrument :
BNA_M
ClientSampleId :
ET0D1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	7.1	8.2	12.2#

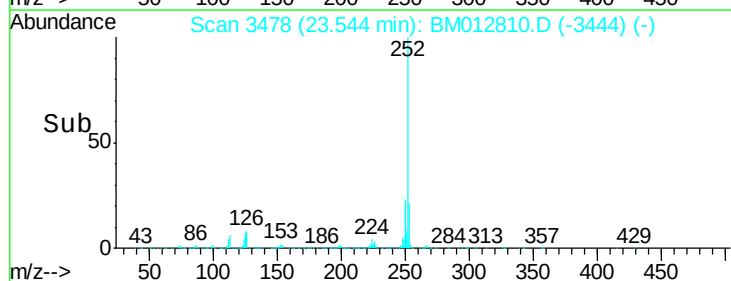
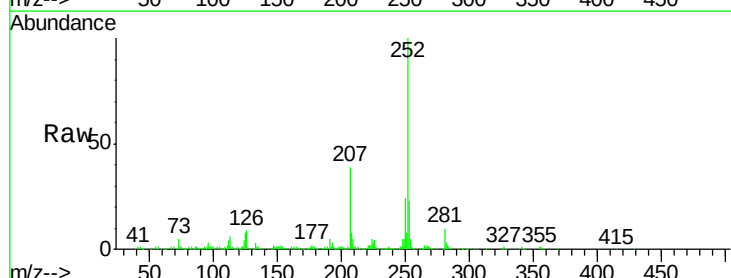
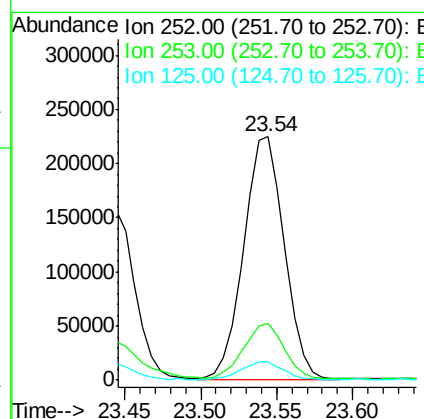
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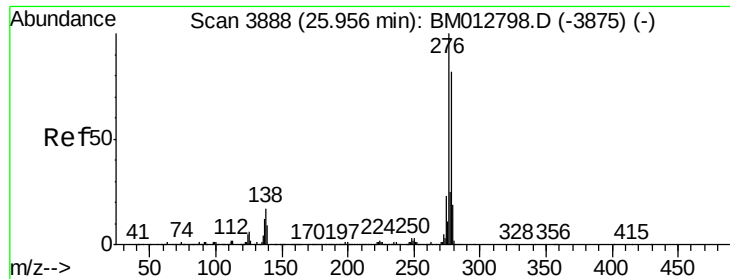
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#90
Benzo(a)pyrene
Concen: 9.52 ng/ul m
RT: 23.54 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BM012810.D
Acq: 07 Nov 2017 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	7.6	9.0	13.6#





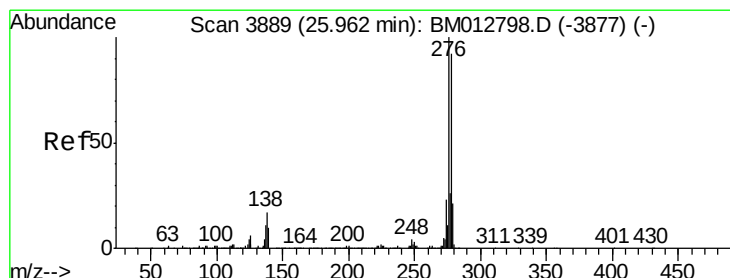
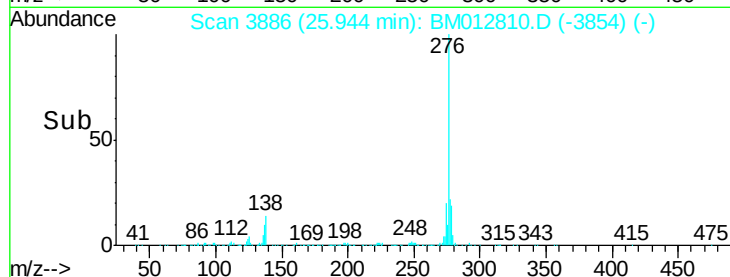
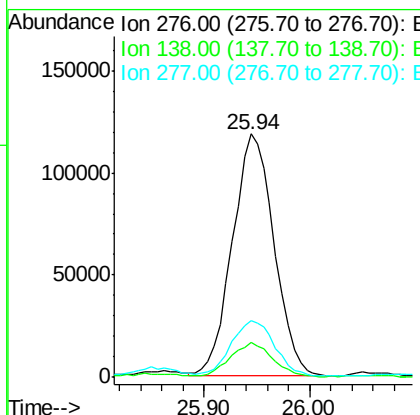
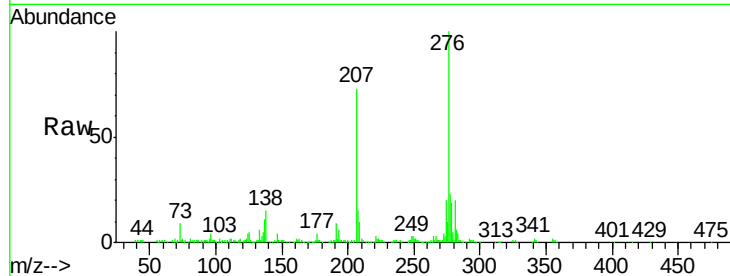
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 6.12 ng/ul
 RT: 25.94 min Scan# 3886
 Delta R.T. -0.01 min
 Lab File: BM012810.D
 Acq: 07 Nov 2017 23:51

Instrument :
 BNA_M
 ClientSampleId :
 ETOD1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	22.3	33.5#
277	23.3	20.2	30.2

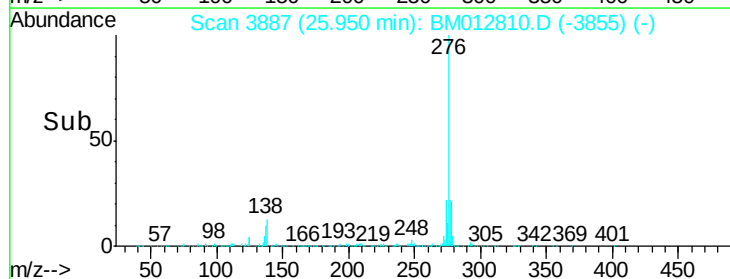
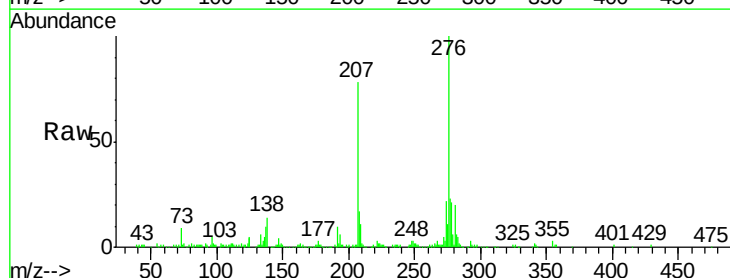
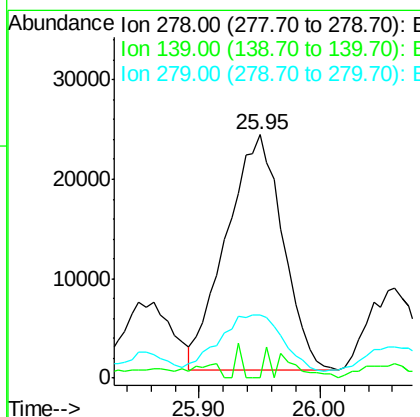
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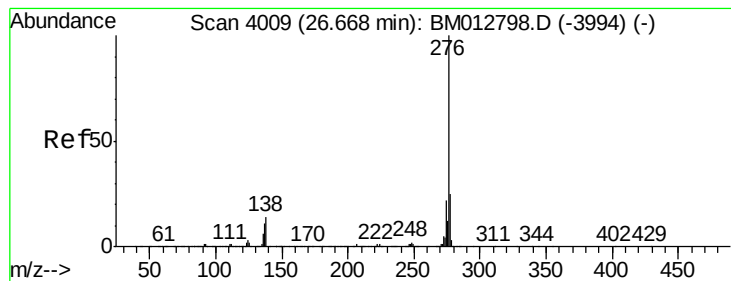
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.71 ng/ul
 RT: 25.95 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM012810.D
 Acq: 07 Nov 2017 23:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	26.1	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 6.37 ng/ul

RT: 26.66 min Scan# 4007

Delta R.T. -0.01 min

Lab File: BM012810.D

Acq: 07 Nov 2017 23:51

Instrument :

BNA_M

ClientSampleId :

ET0D1DL

Tot Ion: 276 Resp: 277928

Ion Ratio Lower Upper

276 100

138 15.1 18.9 28.3#

277 25.1 19.2 28.8

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