

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003237.D
 Acq On : 21 Nov 2015 00:44
 Operator : UM/IZ
 Sample : G4322-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT0

Manual Integrations
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 11/23/2015 6:59:17 PM

Quant Time: Nov 23 11:52:01 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 04:24:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	11756	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	45412	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	23900	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	51892	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	52919	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	52835	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	16914	1.35	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	7029	0.11	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	15649	0.12	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthylene	14.09	152	4015	0.04	ng/ul#	88
13) Pentachlorophenol	16.78	266	958	0.08	ng/ul	94
14) Phenanthrene	17.16	178	47129	0.31	ng/ul#	89
15) Anthracene	17.26	178	6560	0.05	ng/ul#	90
17) Fluoranthene	19.19	202	138419	0.83	ng/ul	99
19) Pyrene	19.55	202	119698	0.66	ng/ul	99
20) Benzo(a)anthracene	21.30	228	50786	0.33	ng/ul#	89
21) Chrysene	21.35	228	74290m	0.43	ng/ul	
23) Benzo(b)fluoranthene	22.91	252	97504m	0.49	ng/ul	
25) Benzo(a)pyrene	23.48	252	58511	0.33	ng/ul#	95
26) Indeno(1,2,3-cd)pyrene	25.86	276	43725	0.21	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.87	278	10125	0.06	ng/ul#	57
28) Benzo(g,h,i)perylene	26.56	276	37428	0.20	ng/ul	97

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

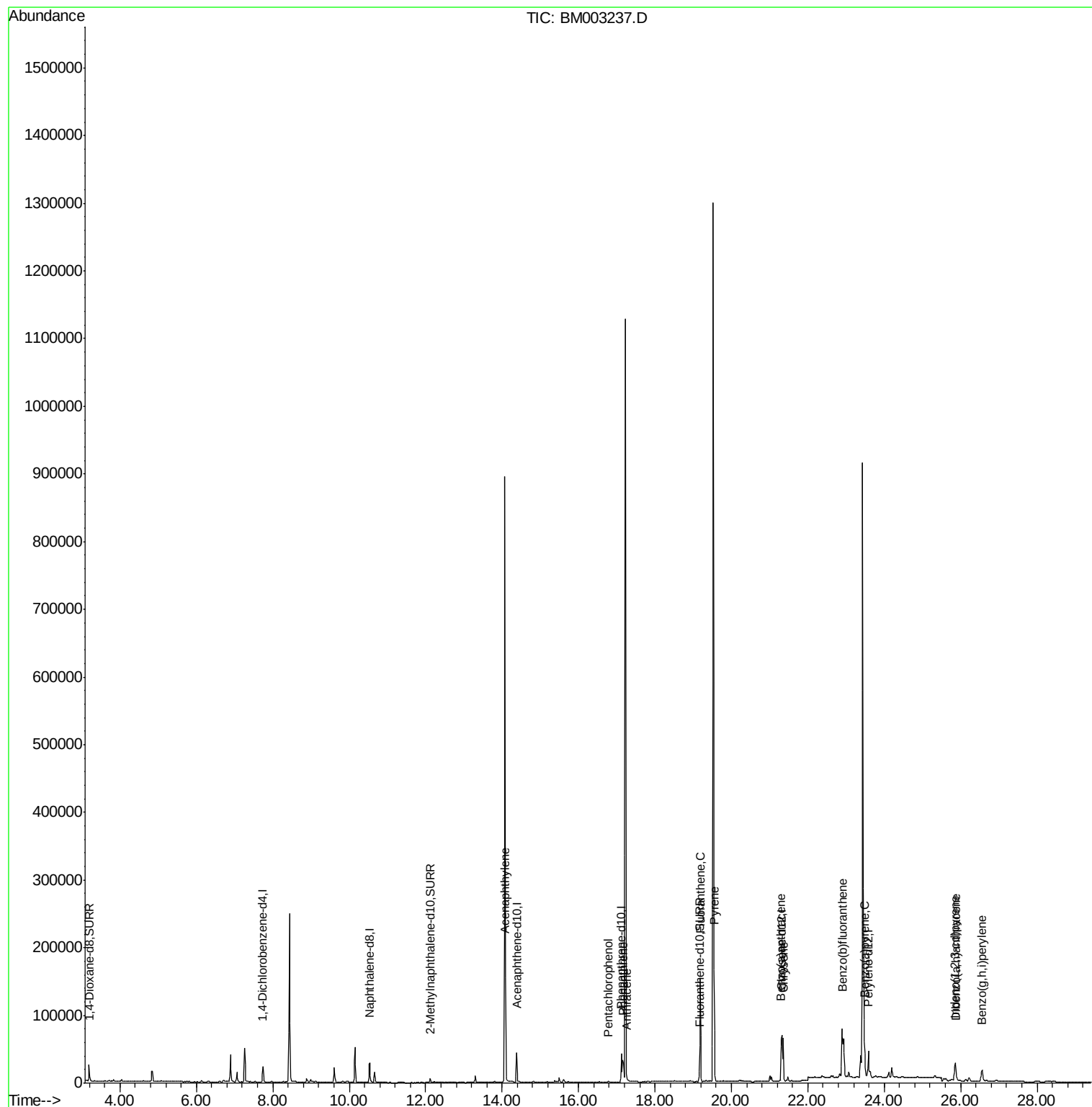
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
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ALS Vial : 22 Sample Multiplier: 1

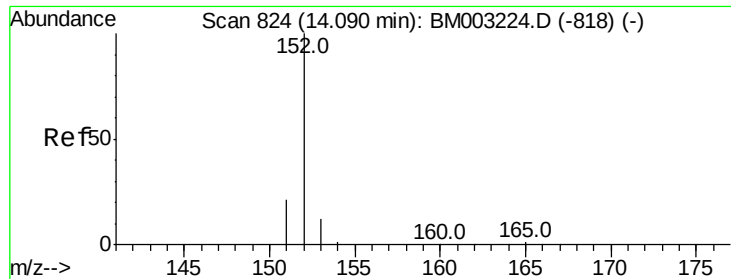
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003237.D

Acq: 21 Nov 2015 00:44

Instrument :

BNA_M

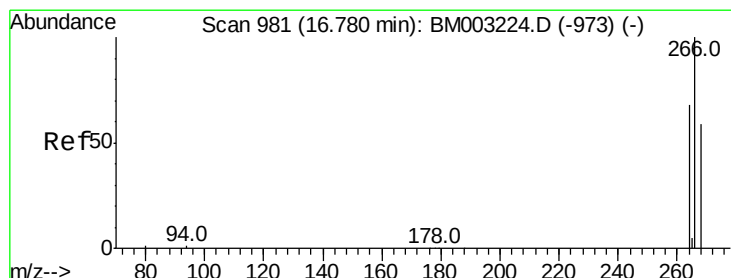
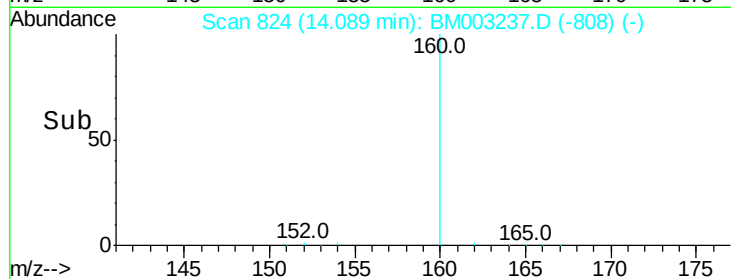
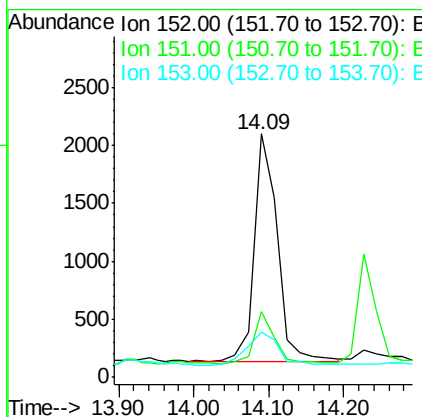
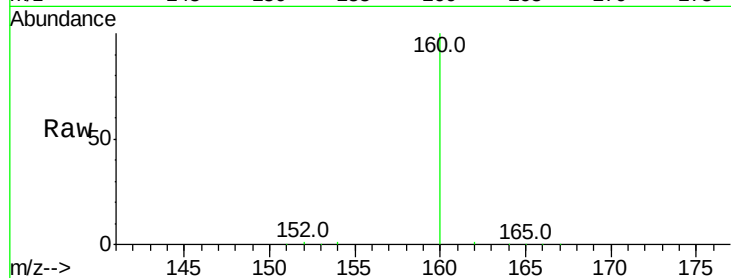
ClientSampleId :

A4HT0

Tot Ion:	152	Resp:	4015
Ion Ratio	Lower	Upper	
152	100		
151	26.8	17.6	26.4#
153	18.5	9.7	14.5#

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#13

Pentachlorophenol

Concen: 0.08 ng/ul

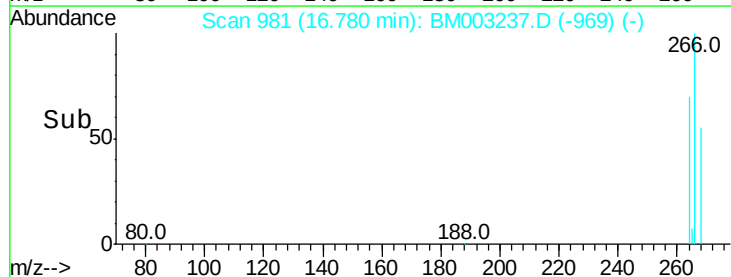
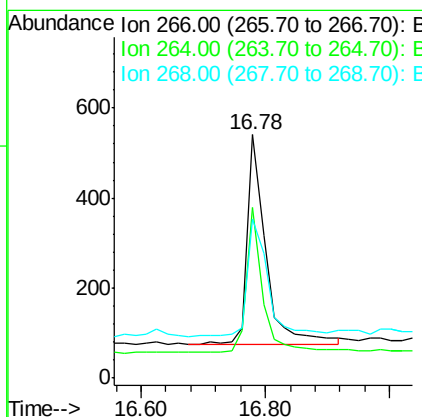
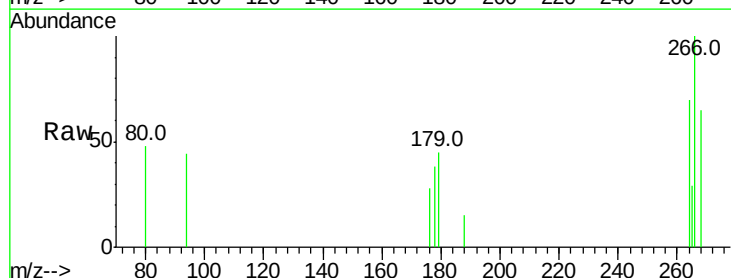
RT: 16.78 min Scan# 981

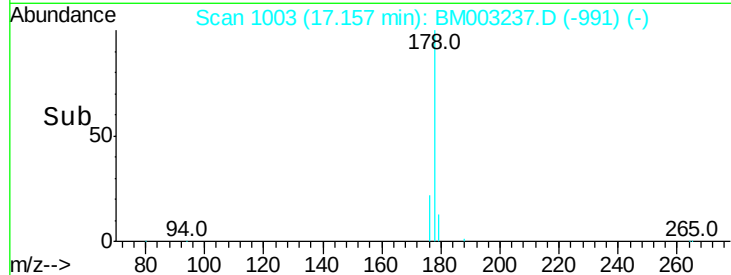
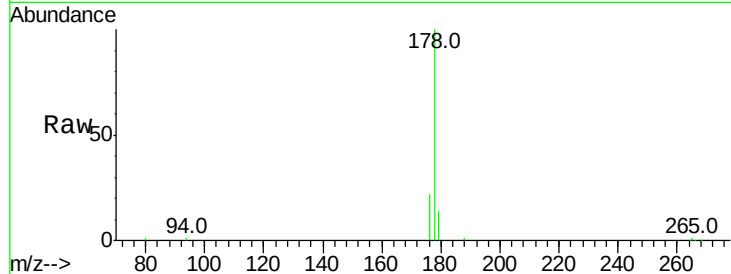
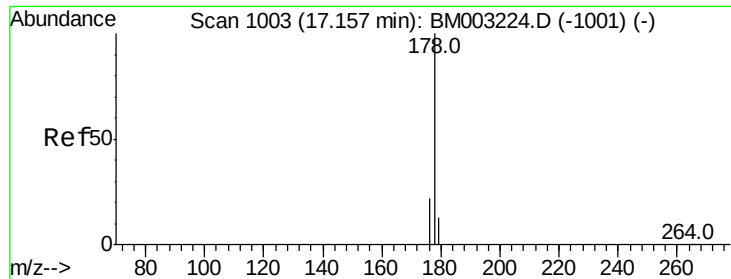
Delta R.T. -0.00 min

Lab File: BM003237.D

Acq: 21 Nov 2015 00:44

Tgt Ion:	266	Resp:	958
Ion Ratio	Lower	Upper	
266	100		
264	61.5	51.8	77.8
268	63.9	46.8	70.2





#14

Phenanthrene

Concen: 0.31 ng/ul

RT: 17.16 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BM003237.D

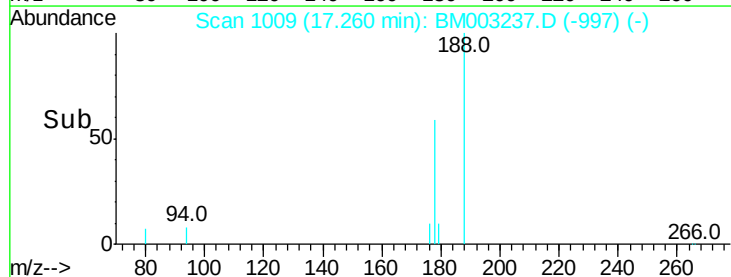
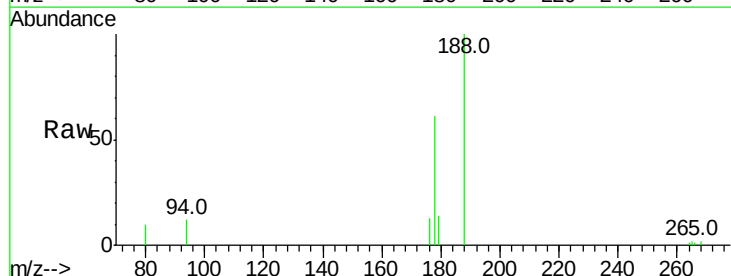
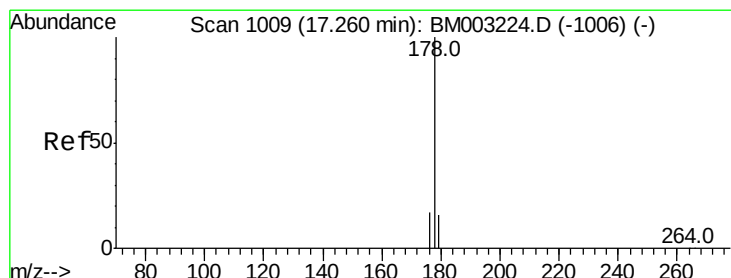
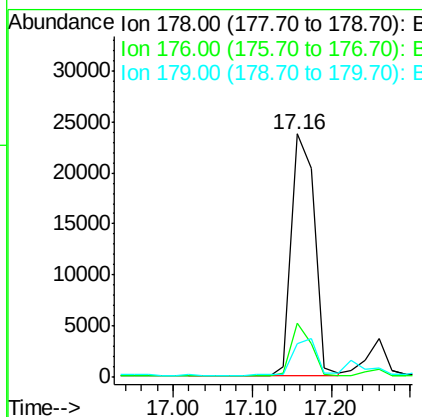
Acq: 21 Nov 2015 00:44

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	13.0	19.4#
179	14.1	14.2	21.2#

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#15

Anthracene

Concen: 0.05 ng/ul

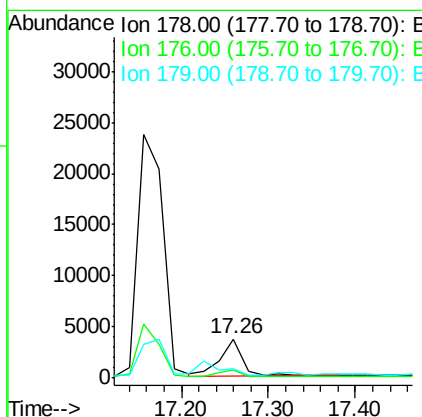
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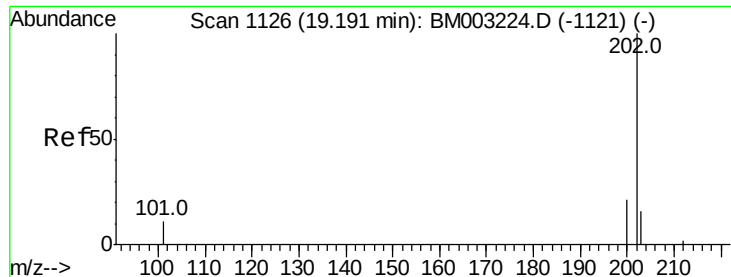
Delta R.T. -0.00 min

Lab File: BM003237.D

Acq: 21 Nov 2015 00:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.0	21.0
179	22.2	12.9	19.3#





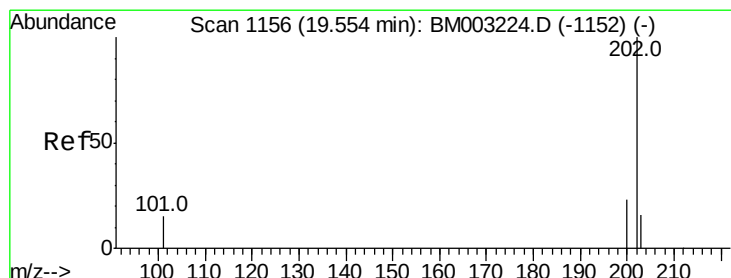
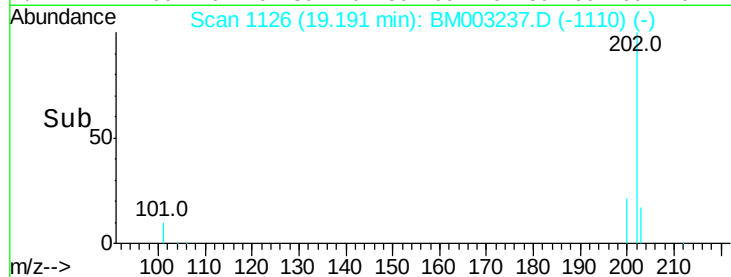
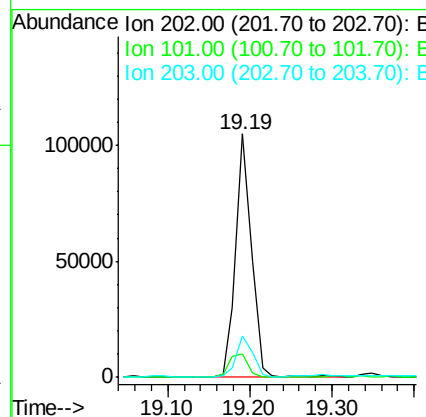
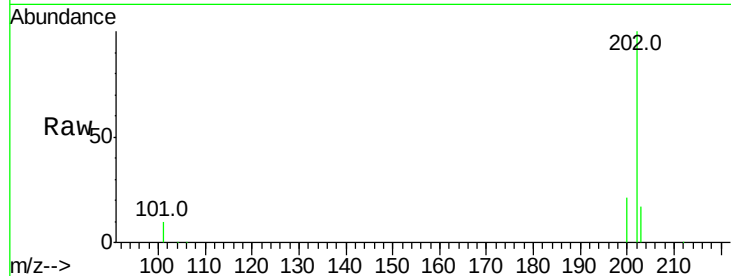
#17
Fluoranthene
Concen: 0.83 ng/ul
RT: 19.19 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	138419		
101	9.7		0.0	29.6
203	16.7		0.0	36.3

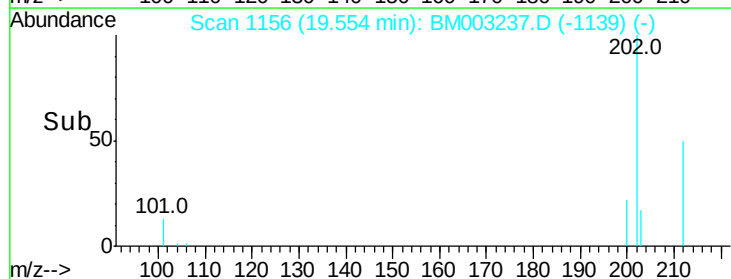
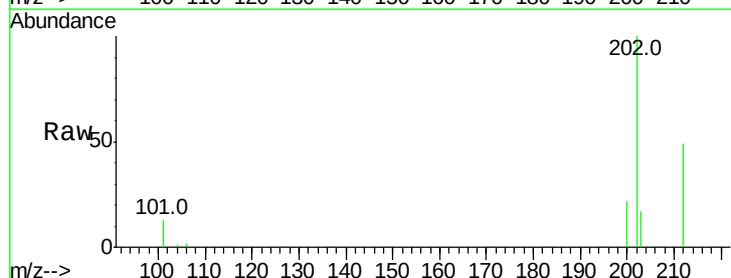
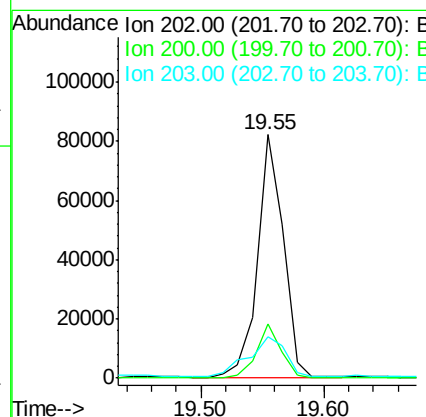
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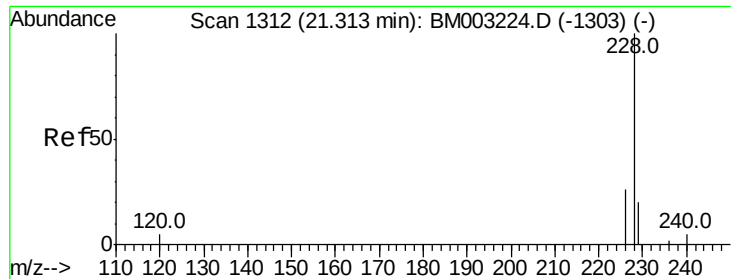
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11/23/2015 6:59:17 PM



#19
Pyrene
Concen: 0.66 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	119698		
200	22.1		17.8	26.8
203	17.2		12.8	19.2





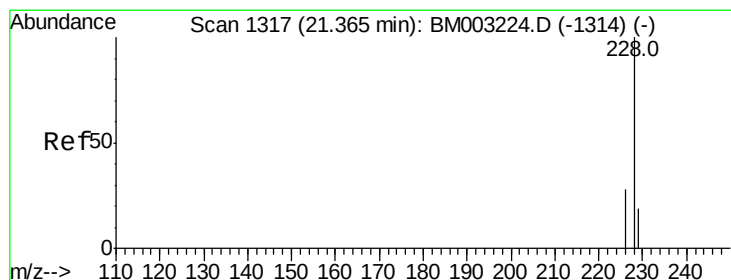
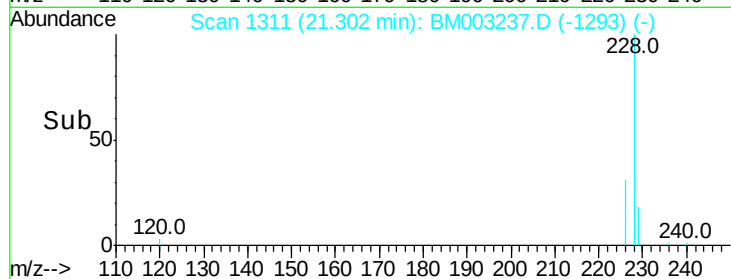
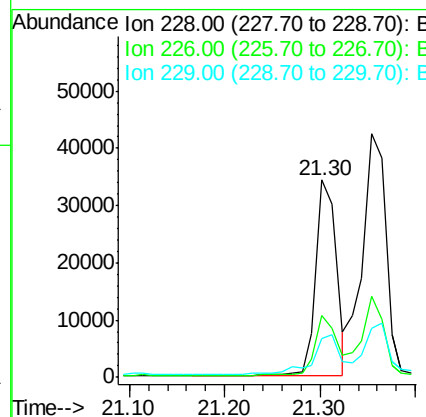
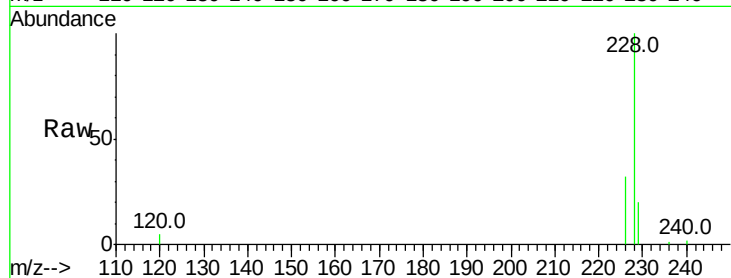
#20
Benzo(a)anthracene
Concen: 0.33 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	18.8	28.2#
229	19.5	17.1	25.7

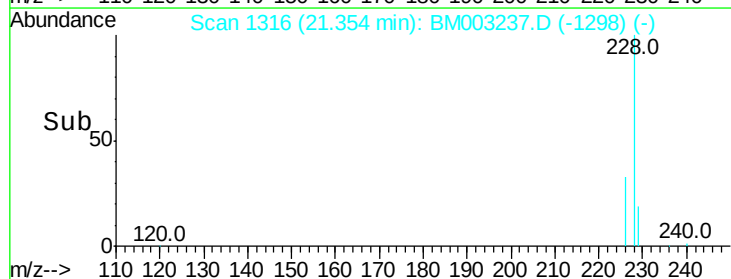
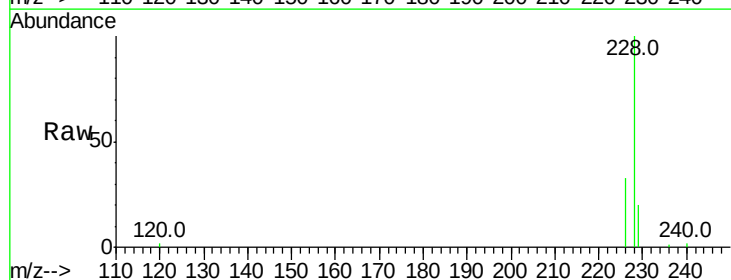
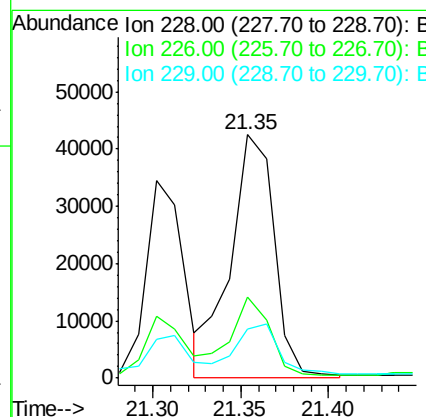
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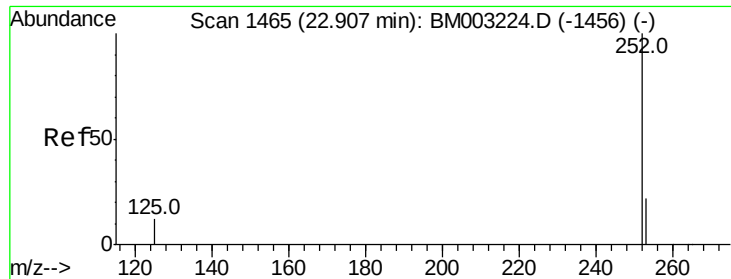
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#21
Chrysene
Concen: 0.43 ng/ul m
RT: 21.35 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	21.2	31.8#
229	20.2	17.0	25.6





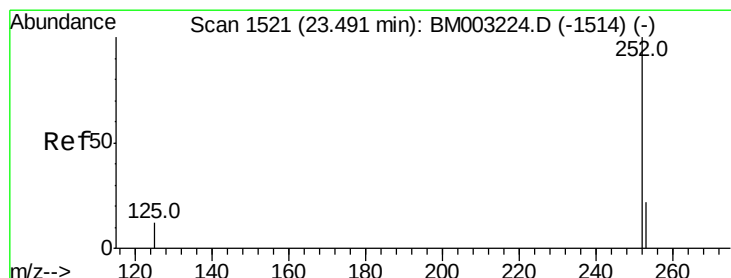
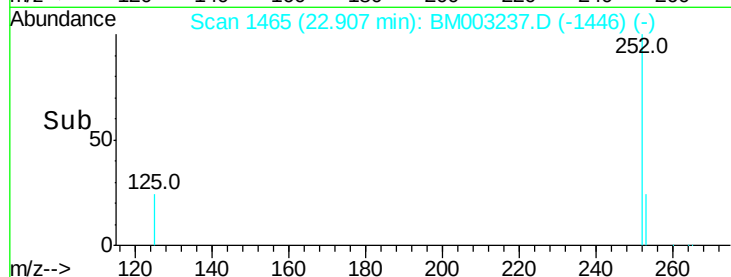
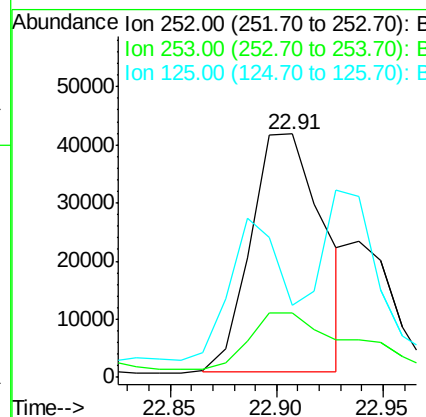
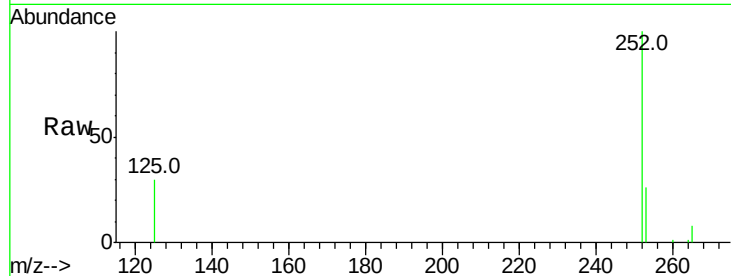
#23
Benzo(b)fluoranthene
Concen: 0.49 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Instrument :
BNA_M
ClientSampleId :
A4HT0

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	45.4
125	29.5	0.0	28.8#

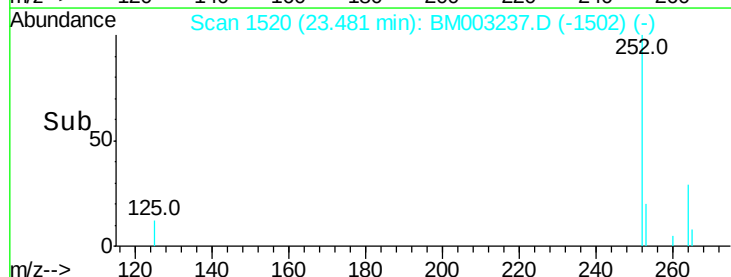
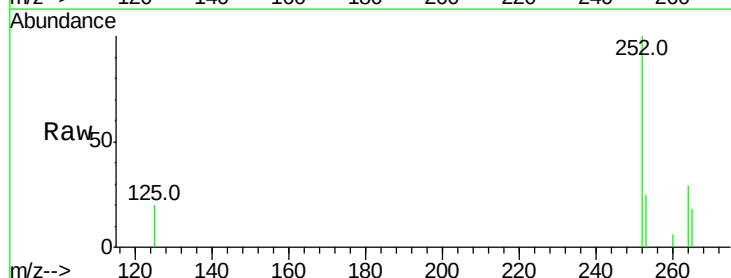
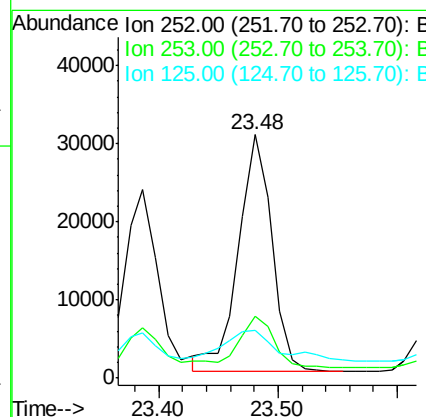
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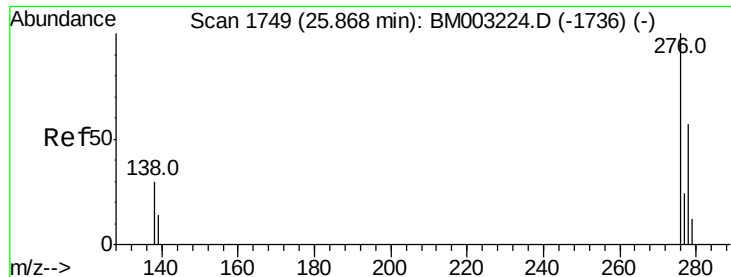
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11/23/2015 6:59:17 PM



#25
Benzo(a)pyrene
Concen: 0.33 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003237.D
Acq: 21 Nov 2015 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	19.7	12.7	19.1#





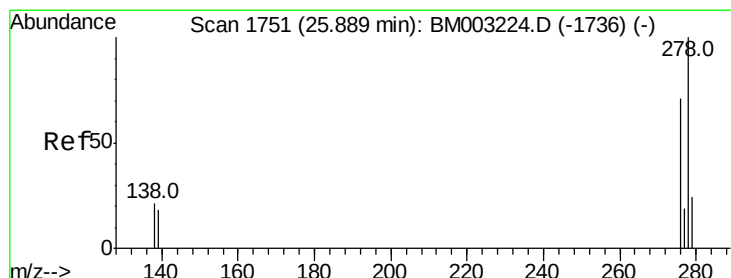
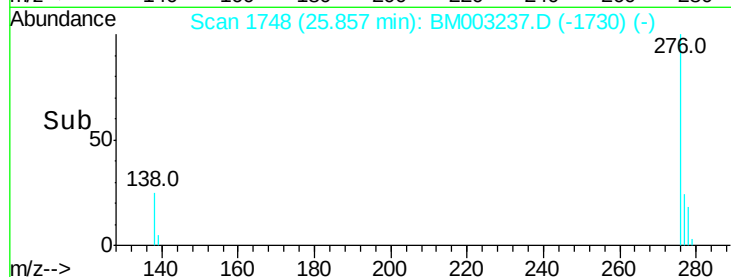
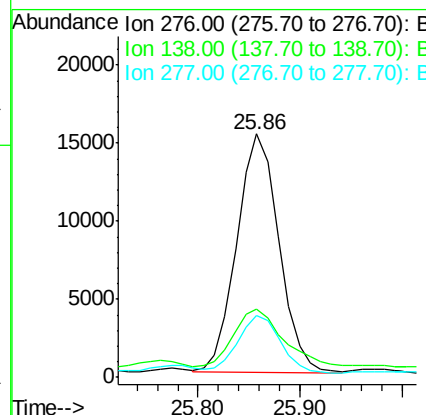
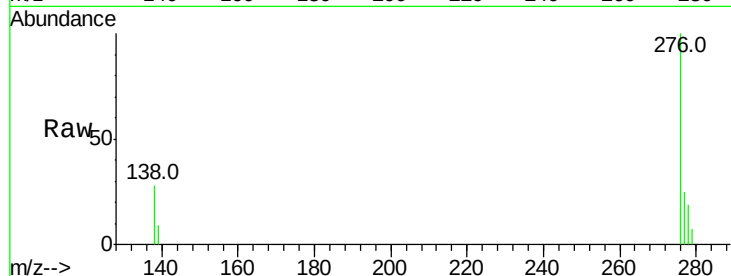
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.21 ng/ul
 RT: 25.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM003237.D
 Acq: 21 Nov 2015 00:44

Instrument :
 BNA_M
 ClientSampleId :
 A4HT0

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	16.3	24.5#
277	23.9	19.8	29.8

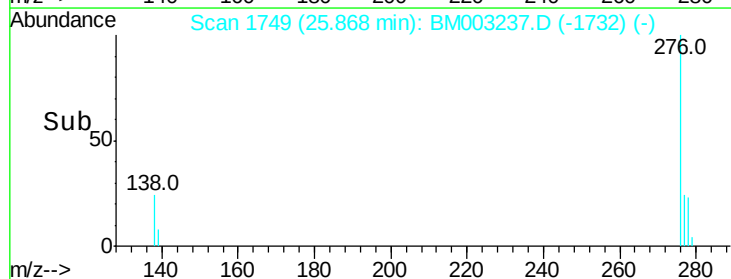
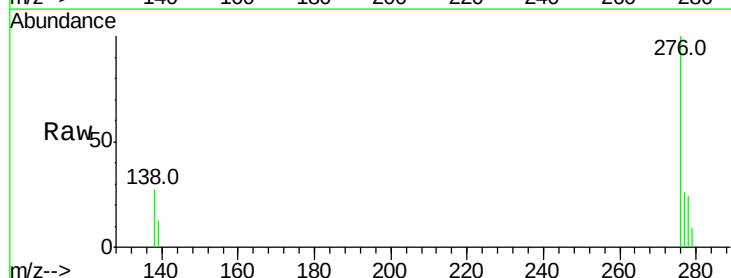
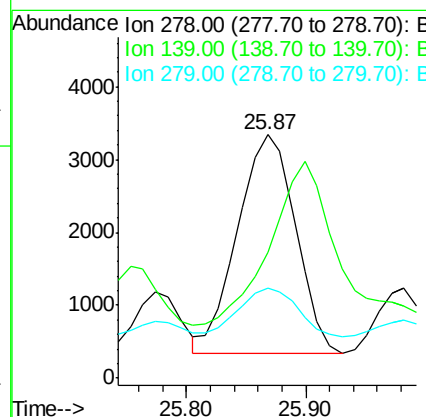
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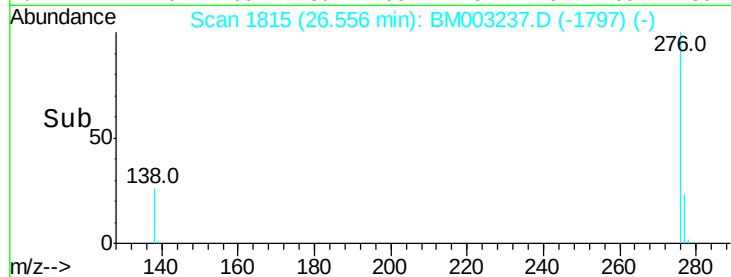
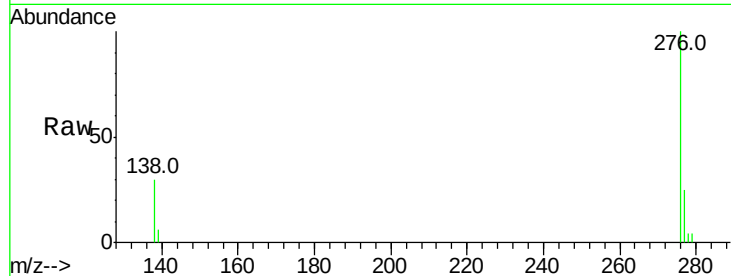
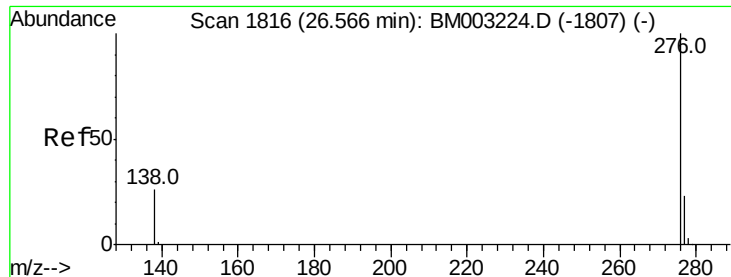
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 25.87 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM003237.D
 Acq: 21 Nov 2015 00:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	51.9	16.4	24.6#
279	36.9	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.20 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM003237.D

Acq: 21 Nov 2015 00:44

Instrument :

BNA_M

ClientSampleId :

A4HT0

Tot Ion: 276 Resp: 37428

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 29.6 22.5 33.7

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