

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002202.D
 Acq On : 03 Aug 2015 17:58
 Operator : TP/UM
 Sample : G3095-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R9

Manual Integrations
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 8/6/2015 4:15:48 PM

Quant Time: Aug 04 04:29:22 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:31:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	63669	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	291275	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	193756	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	480365	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	612386	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	517809	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	1827	1.48	ng/uL	0.00
5) Phenol-d5	6.73	99	54060	11.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	27945	11.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	46250	11.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	42075	11.63	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	22430	10.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	26364	11.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	50889	11.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	43674	8.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	157590	11.10	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	177319	9.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	18141	7.66	ng/ul	0.01
58) Fluorene-d10	15.21	176	125146	10.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	2468	0.84	ng/ul	0.01
71) Anthracene-d10	17.06	188	203829	9.51	ng/ul	0.00
79) Pyrene-d10	19.37	212	243966	9.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	231621	9.23	ng/ul	0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	13.67	163	56781	4.01	ng/ul	99
70) Phenanthrene	17.00	178	293192	11.78	ng/ul	99
72) Anthracene	17.09	178	63804	2.51	ng/ul	99
77) Fluoranthene	19.03	202	497481	17.32	ng/ul	99
80) Pyrene	19.40	202	549884	16.50	ng/ul	98
83) Benzo(a)anthracene	21.16	228	321087	9.46	ng/ul	97
85) Chrysene	21.21	228	303444	9.55	ng/ul	97
88) Benzo(b)fluoranthene	22.71	252	356403	12.25	ng/ul	96
89) Benzo(k)fluoranthene	22.74	252	101745m	3.62	ng/ul	
91) Benzo(a)pyrene	23.27	252	251383	8.95	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.56	276	160354	4.95	ng/ul	96
93) Dibenzo(a,h)anthracene	25.55	278	45865	1.66	ng/ul#	87
94) Benzo(g,h,i)perylene	26.24	276	151323	5.58	ng/ul	95

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

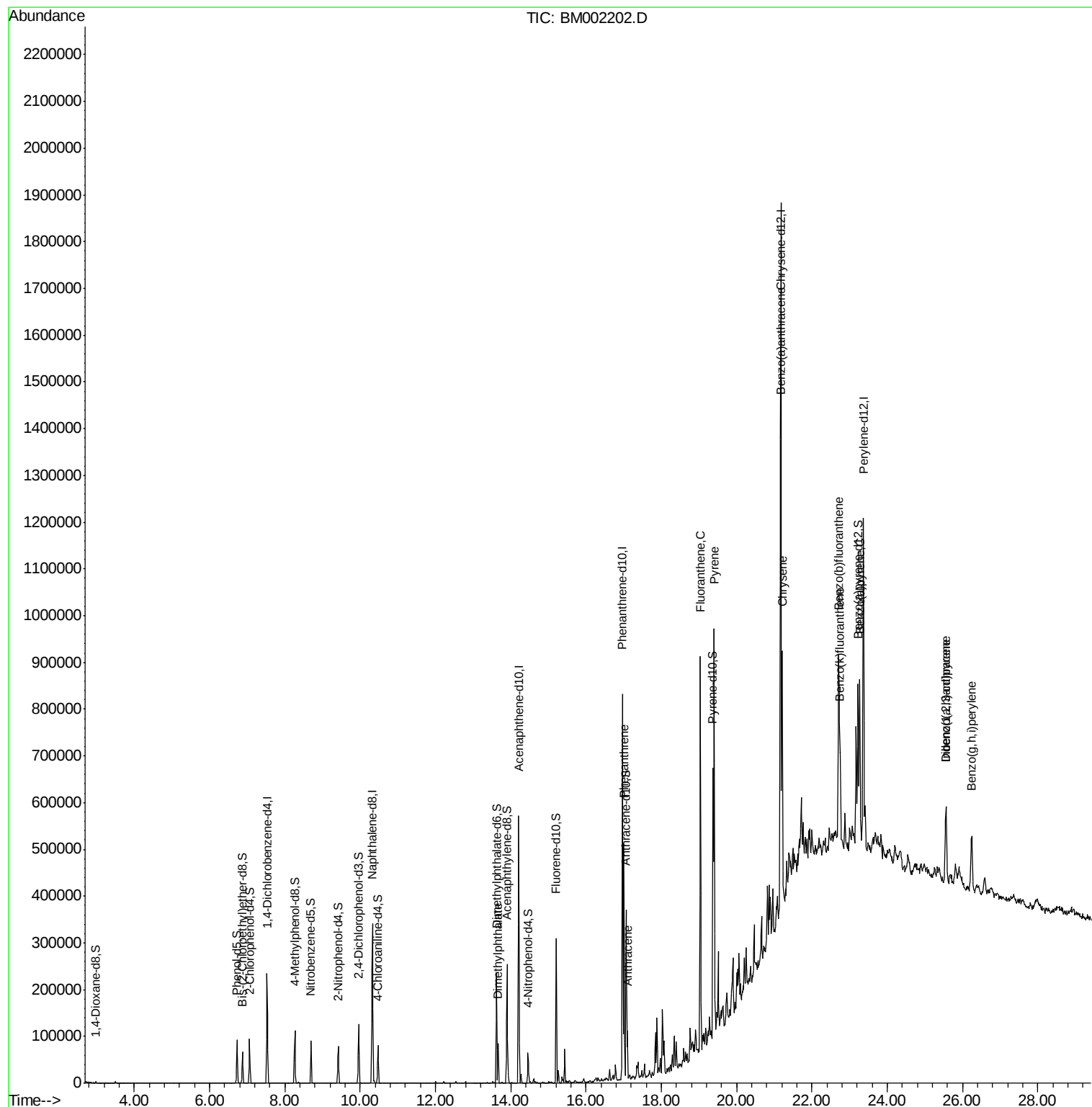
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002202.D
Acq On : 03 Aug 2015 17:58
Operator : TP/UM
Sample : G3095-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

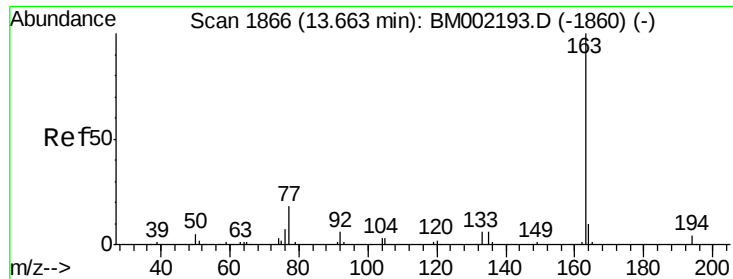
Instrument :
BNA_M
ClientSampleId :
C01R9

Quant Time: Aug 04 04:29:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
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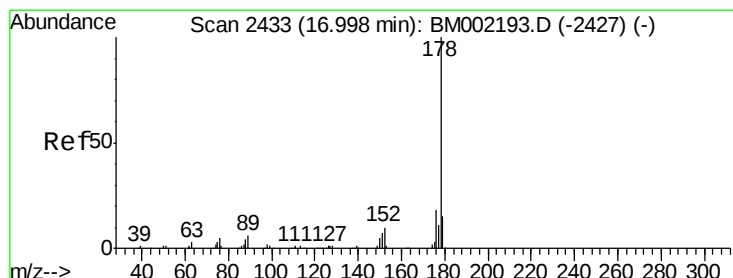
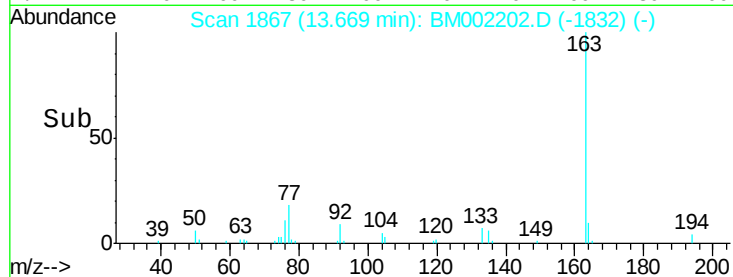
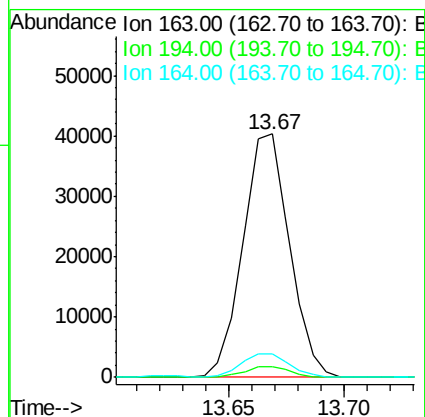
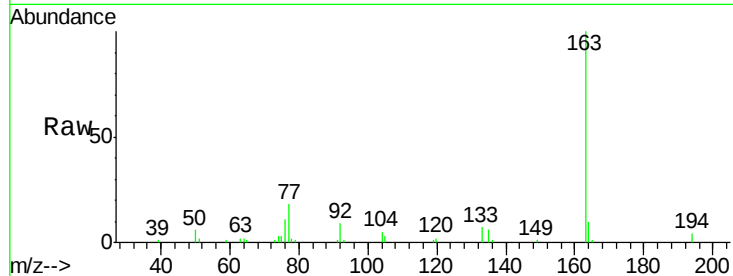
#45
Dimethylphthalate
Concen: 4.01 ng/ul
RT: 13.67 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM002202.D
Acq: 03 Aug 2015 17:58

Instrument :
BNA_M
ClientSampled :
C01R9

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.5	5.3
164	9.6	8.0	12.0

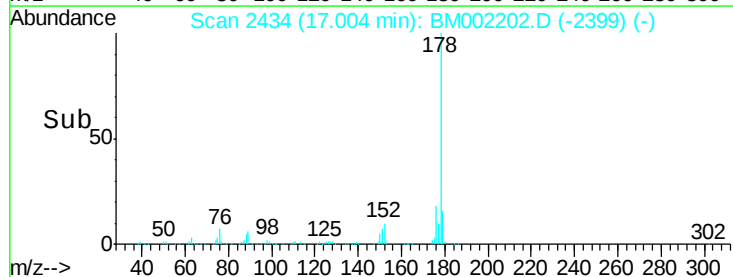
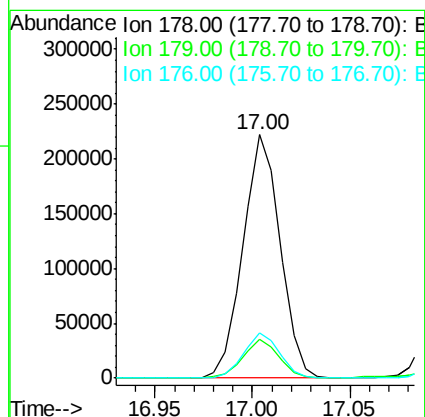
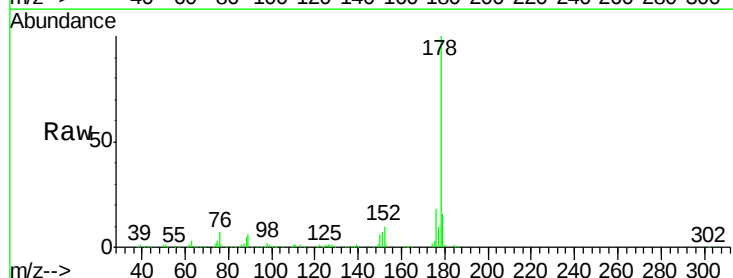
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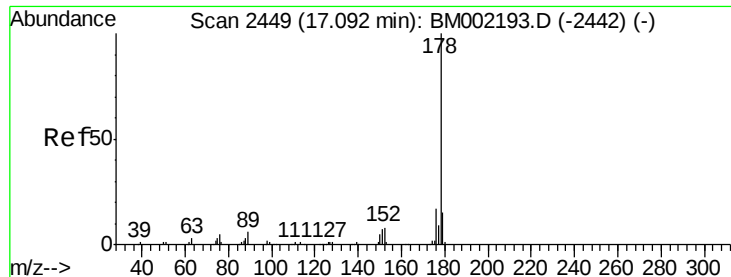
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#70
Phenanthrene
Concen: 11.78 ng/ul
RT: 17.00 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM002202.D
Acq: 03 Aug 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.7	12.5	18.7
176	18.3	14.2	21.4





#72

Anthracene

Concen: 2.51 ng/ul

RT: 17.09 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM002202.D

Acq: 03 Aug 2015 17:58

Instrument :

BNA_M

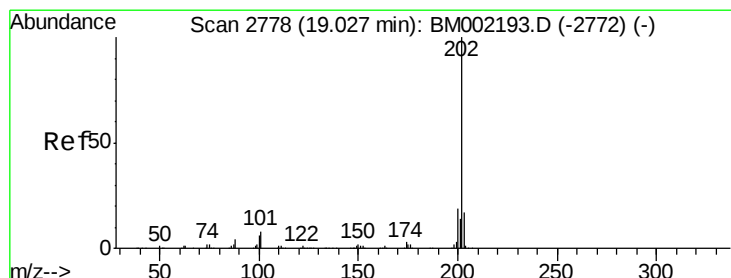
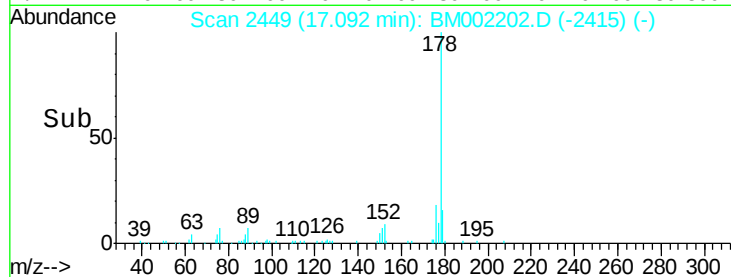
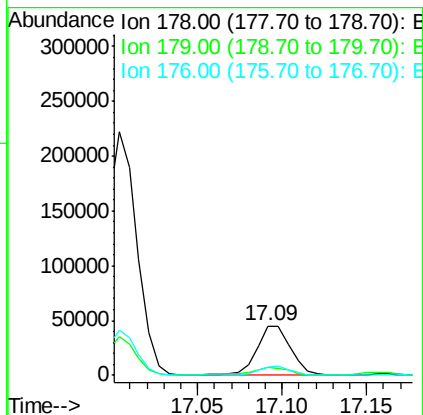
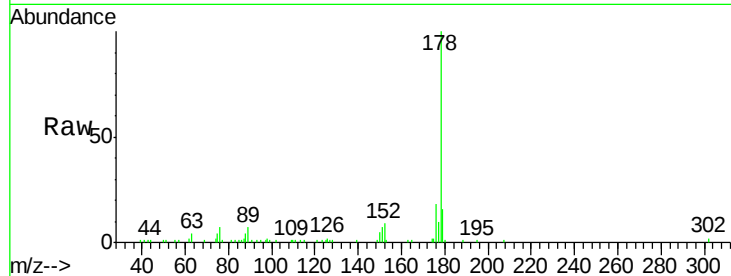
ClientSampleId :

C01R9

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Tgt Ion:	178	Resp:	63804
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.1	18.1
176	17.7	14.1	21.1



#77

Fluoranthene

Concen: 17.32 ng/ul

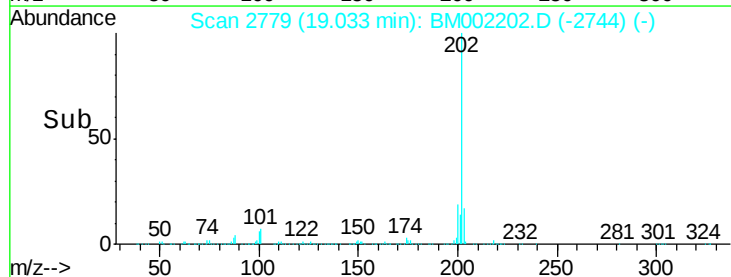
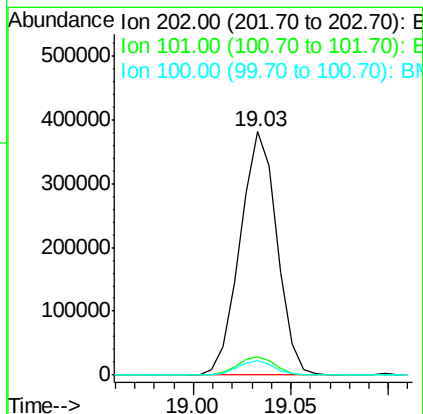
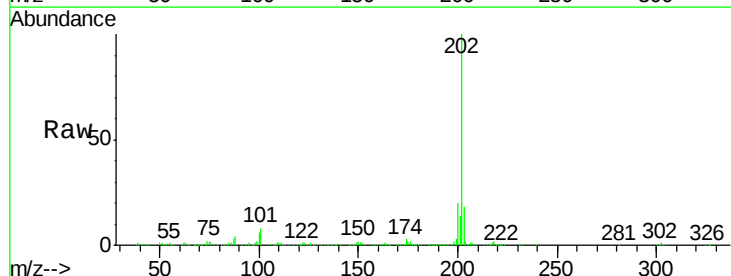
RT: 19.03 min Scan# 2779

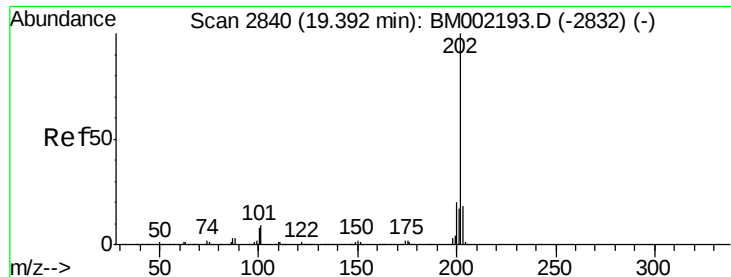
Delta R.T. 0.01 min

Lab File: BM002202.D

Acq: 03 Aug 2015 17:58

Tgt Ion:	202	Resp:	497481
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.2	9.4
100	6.1	5.2	7.8





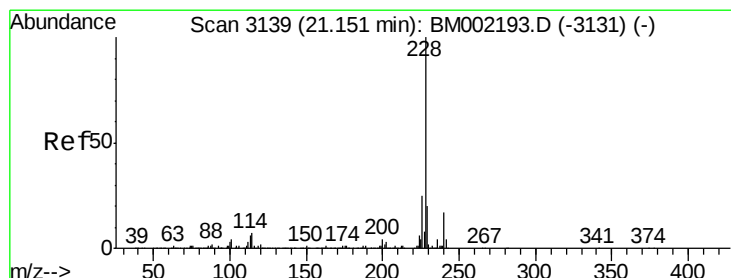
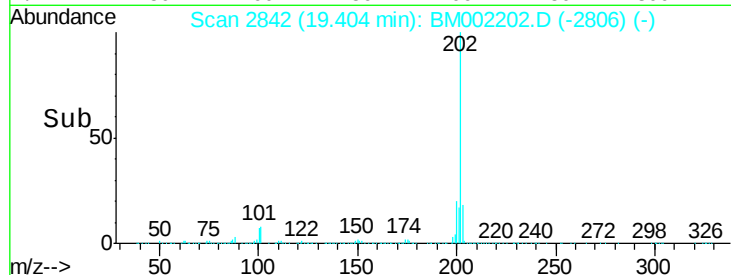
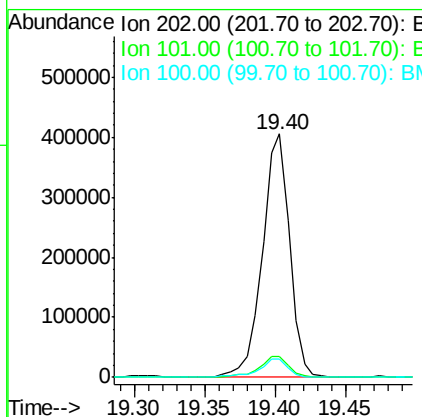
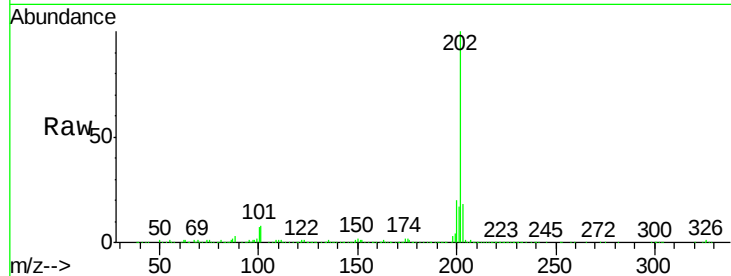
#80
 Pyrene
 Concen: 16.50 ng/ul
 RT: 19.40 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Instrument :
 BNA_M
 ClientSampled :
 C01R9

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	549884		
101	8.5	7.4	11.2	
100	7.3	6.3	9.5	

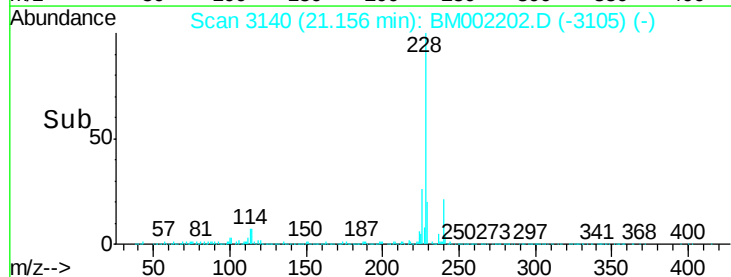
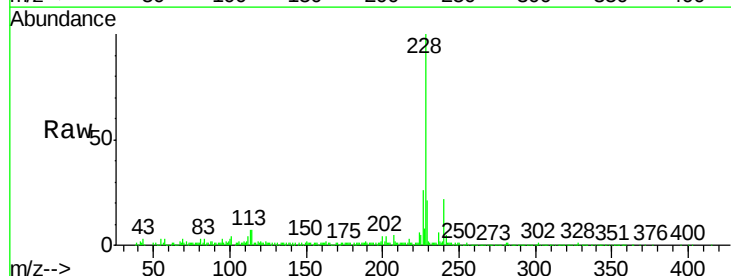
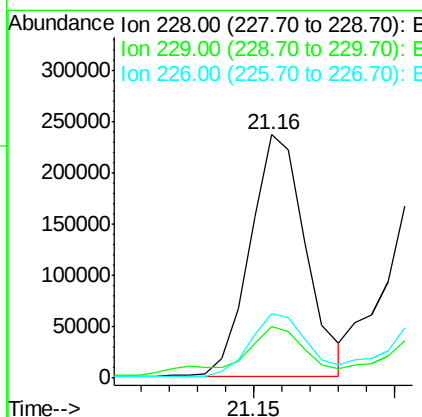
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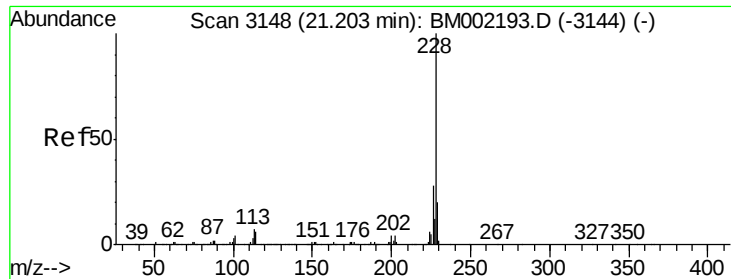
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#83
 Benzo(a)anthracene
 Concen: 9.46 ng/ul
 RT: 21.16 min Scan# 3140
 Delta R.T. 0.01 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	321087		
229	21.0	15.4	23.2	
226	26.4	20.5	30.7	





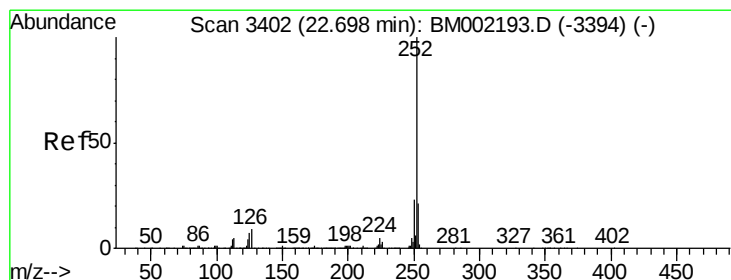
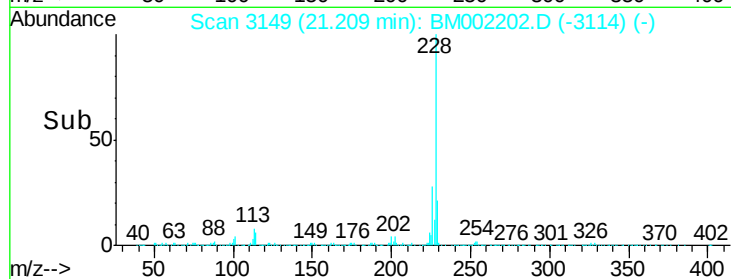
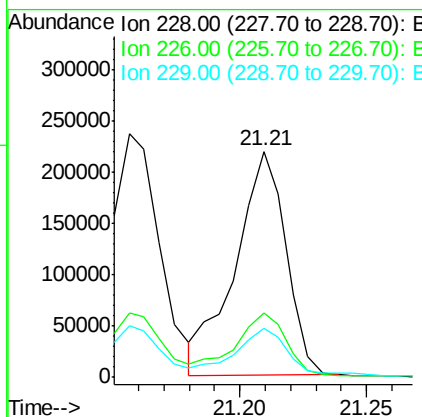
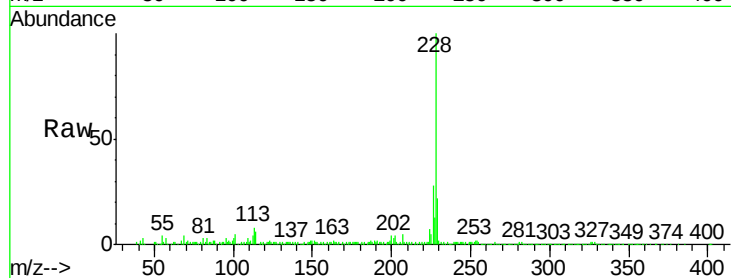
#85
 Chrysene
 Concen: 9.55 ng/ul
 RT: 21.21 min Scan# 3149
 Delta R.T. 0.01 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Instrument :
 BNA_M
 ClientSampleId :
 C01R9

Tgt Ion:	228	Resp:	303444
Ion Ratio		Lower	Upper
228	100		
226	28.5	22.3	33.5
229	21.8	15.5	23.3

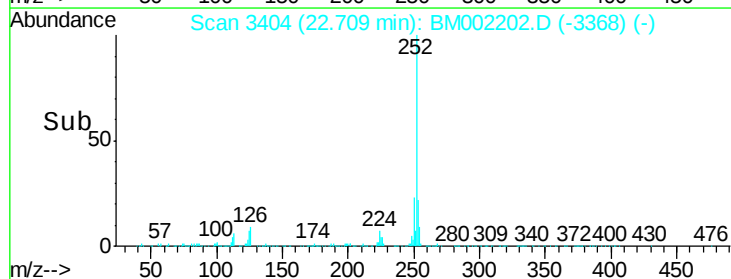
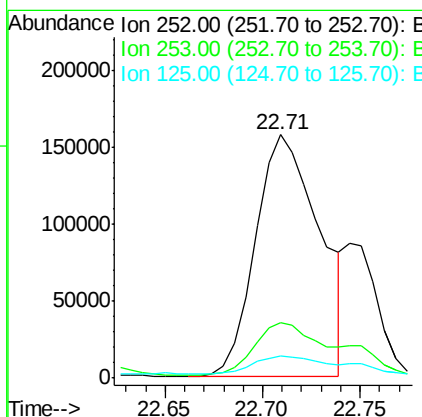
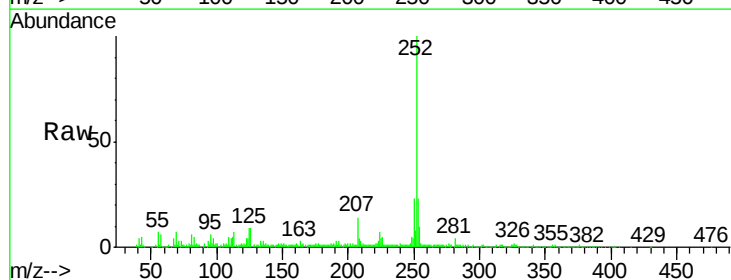
Manual Integrations
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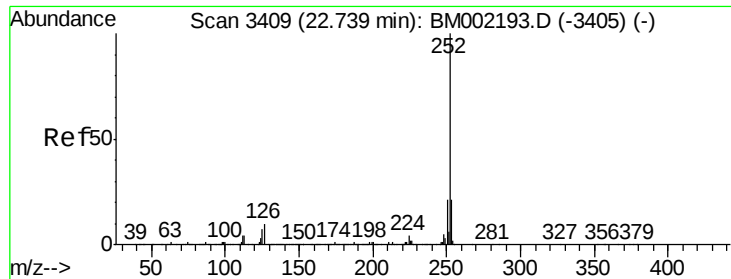
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#88
 Benzo(b)fluoranthene
 Concen: 12.25 ng/ul
 RT: 22.71 min Scan# 3404
 Delta R.T. 0.01 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Tgt Ion:	252	Resp:	356403
Ion Ratio		Lower	Upper
252	100		
253	22.9	16.9	25.3
125	9.1	6.2	9.2





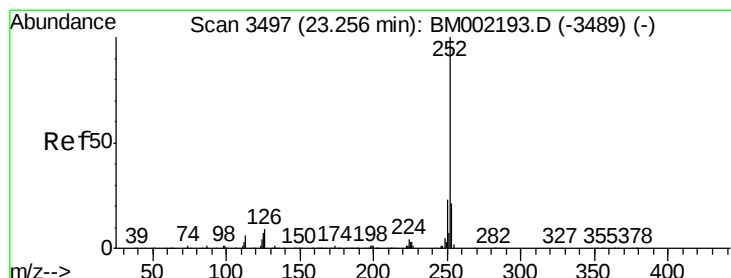
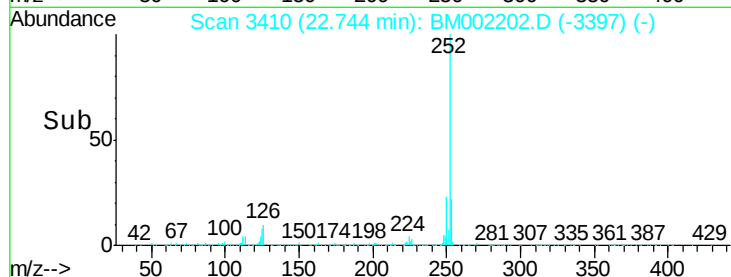
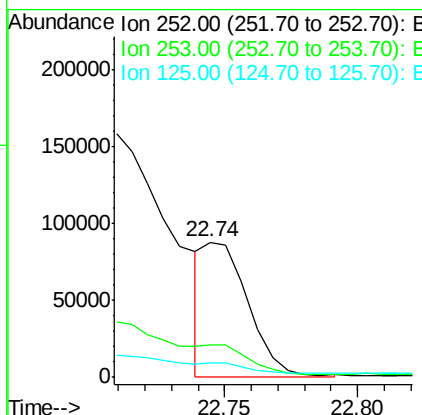
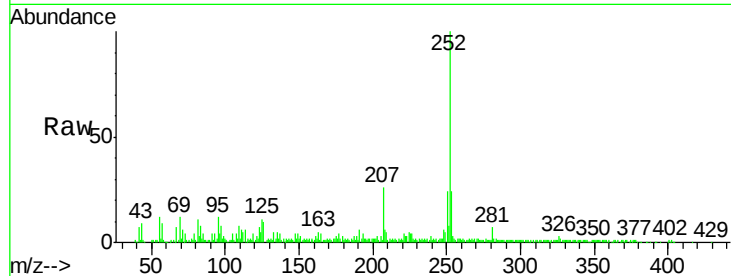
#89
Benzo(k)fluoranthene
Concen: 3.62 ng/ul m
RT: 22.74 min Scan# 3410
Delta R.T. 0.01 min
Lab File: BM002202.D
Acq: 03 Aug 2015 17:58

Instrument :
BNA_M
ClientSampleId :
C01R9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.7	6.2	9.4

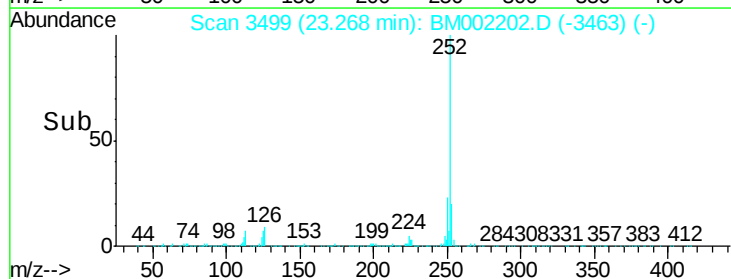
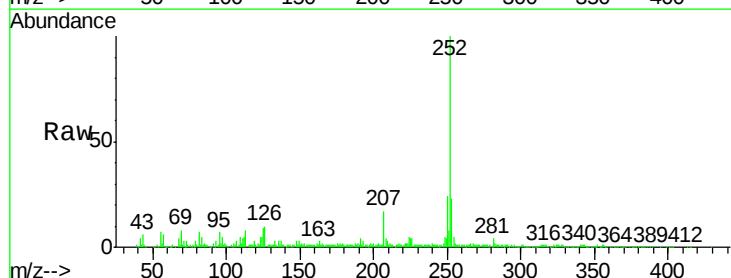
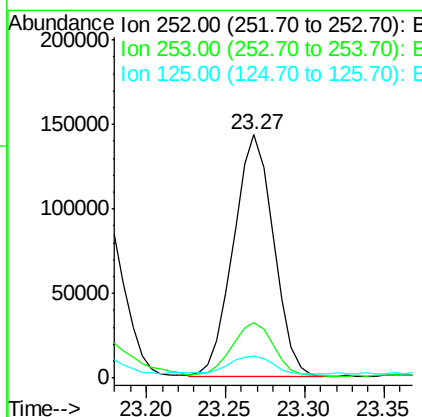
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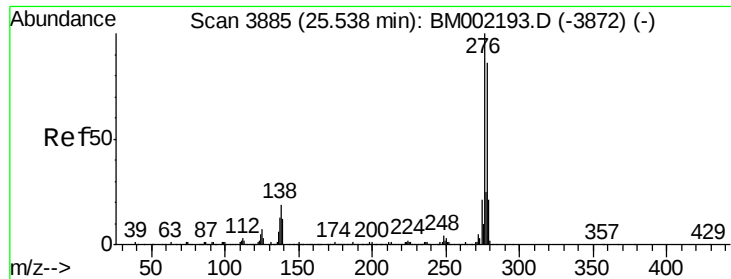
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#91
Benzo(a)pyrene
Concen: 8.95 ng/ul
RT: 23.27 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM002202.D
Acq: 03 Aug 2015 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	9.2	6.6	10.0





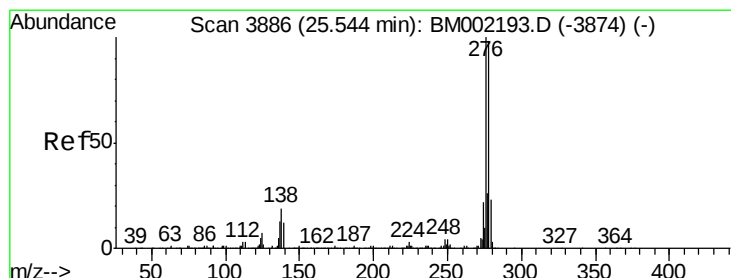
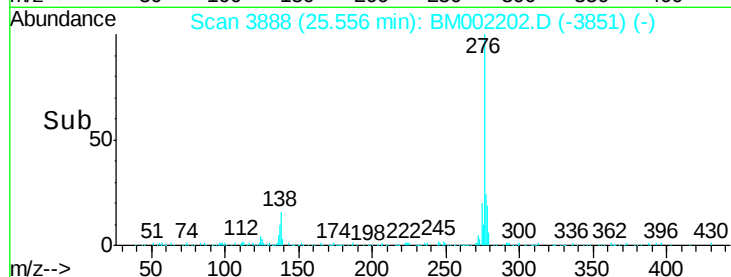
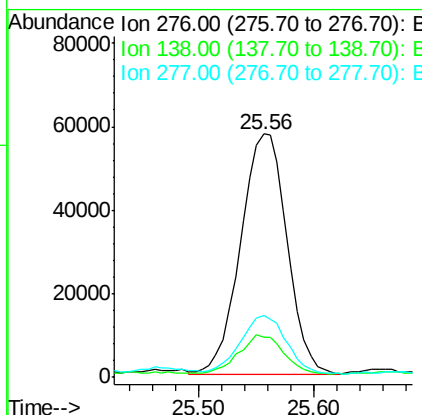
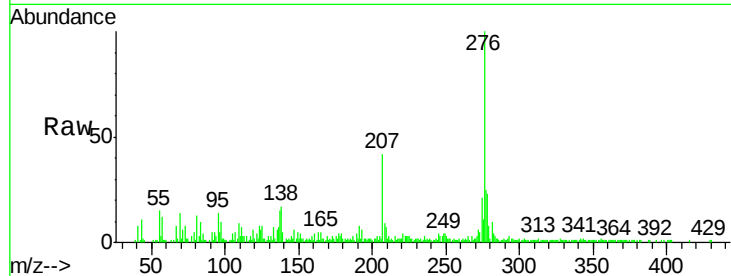
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.95 ng/ul
 RT: 25.56 min Scan# 3888
 Delta R.T. 0.02 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Instrument :
 BNA_M
 ClientSampleId :
 C01R9

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	160354		
138	16.5	16.2	24.2	
277	25.2	19.8	29.8	

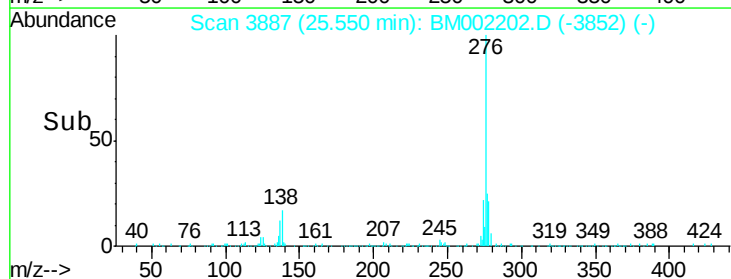
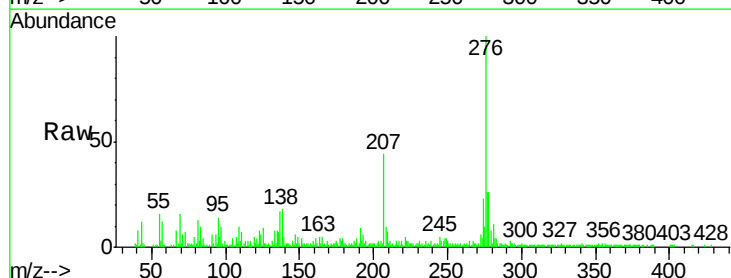
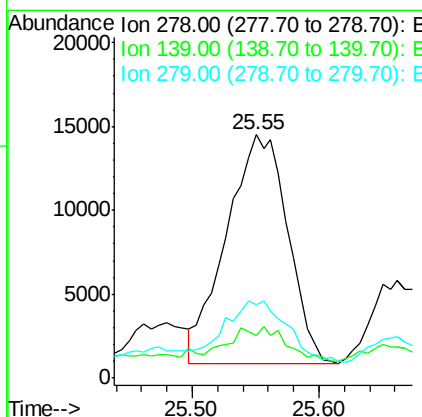
Manual Integrations
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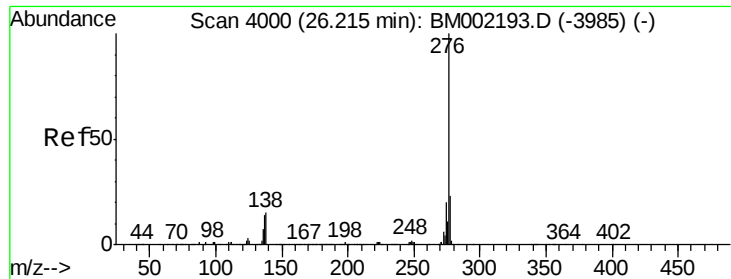
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.66 ng/ul
 RT: 25.55 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	45865		
139	17.7	10.6	16.0#	
279	30.2	18.5	27.7#	





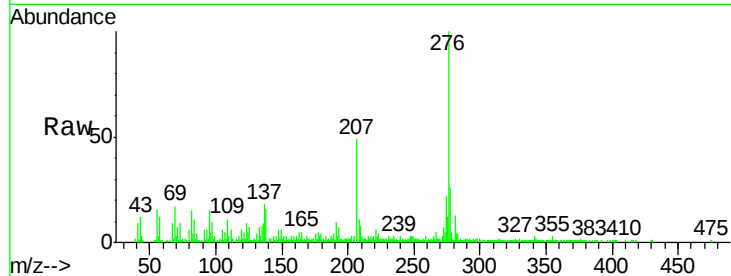
#94
 Benzo(g,h,i)perylene
 Concen: 5.58 ng/ul
 RT: 26.24 min Scan# 4004
 Delta R.T. 0.02 min
 Lab File: BM002202.D
 Acq: 03 Aug 2015 17:58

Instrument :
 BNA_M
 ClientSampleId :
 C01R9

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		151323		
138	16.0	13.8	20.6		
277	26.1	18.2	27.2		

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

