

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001876.D
 Acq On : 07 Jul 2015 22:48
 Operator : TP/UM
 Sample : G2861-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L0

Manual Integrations
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 7/8/2015 4:26:05 PM

Quant Time: Jul 08 07:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 05:33:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	68715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	243172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	136251	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	303984	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	352587	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	369106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	5664	3.93	ng/uL	0.00
5) Phenol-d5	6.83	99	118550	22.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	65991	22.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	102042	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	94543	22.32	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	45460	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	53419	29.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	98480	24.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	113062	28.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	273190	27.04	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	297222	22.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	37048	19.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	207178	22.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	28191	15.18	ng/ul	0.00
70) Anthracene-d10	17.17	188	348760	24.63	ng/ul	0.00
78) Pyrene-d10	19.47	212	329294	22.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	332622	20.44	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.78	163	92533	8.38	ng/ul	99
69) Phenanthrene	17.11	178	49603	3.01	ng/ul	97
71) Anthracene	17.20	178	17969	1.06	ng/ul	98
76) Fluoranthene	19.13	202	121815	6.18	ng/ul	98
79) Pyrene	19.50	202	117307	6.00	ng/ul	98
82) Benzo(a)anthracene	21.25	228	110634	5.37	ng/ul	96
84) Chrysene	21.30	228	99251	5.08	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	172590	8.03	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	69347m	3.34	ng/ul	
90) Benzo(a)pyrene	23.40	252	143505	6.87	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.74	276	112709	4.55	ng/ul	95
92) Dibenzo(a,h)anthracene	25.74	278	28692	1.37	ng/ul#	90
93) Benzo(g,h,i)perylene	26.44	276	101632	4.88	ng/ul	96

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

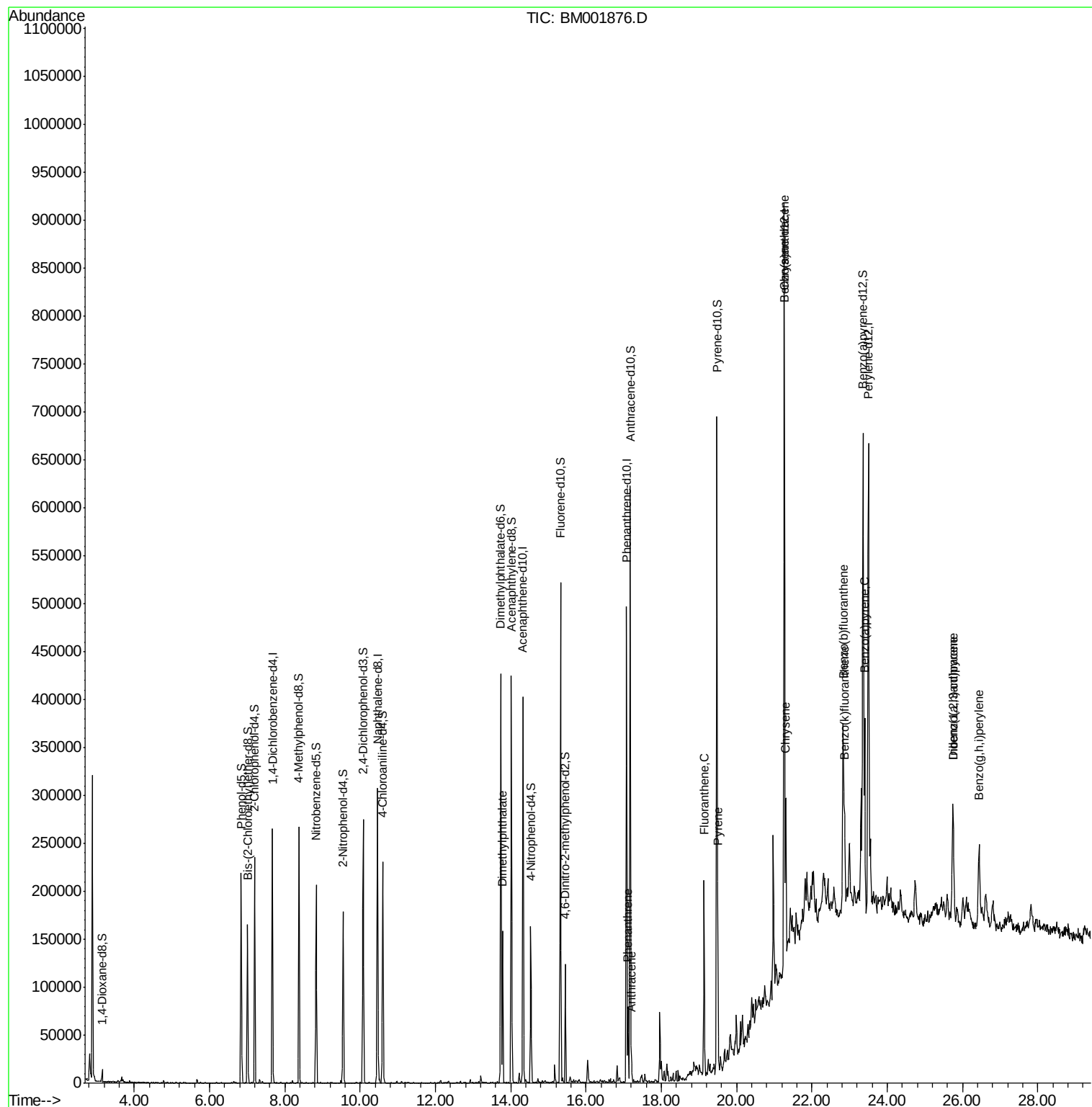
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001876.D
Acq On : 07 Jul 2015 22:48
Operator : TP/UM
Sample : G2861-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

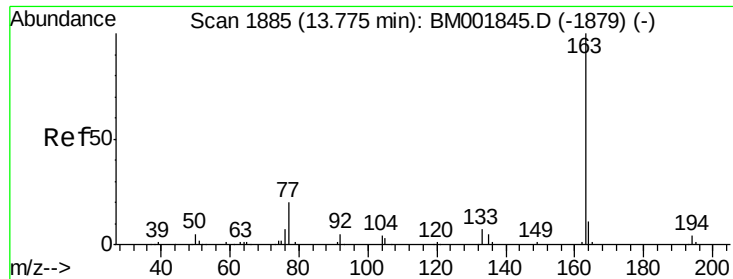
Instrument :
BNA_M
ClientSampled :
G93L0

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Quant Time: Jul 08 07:05:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration





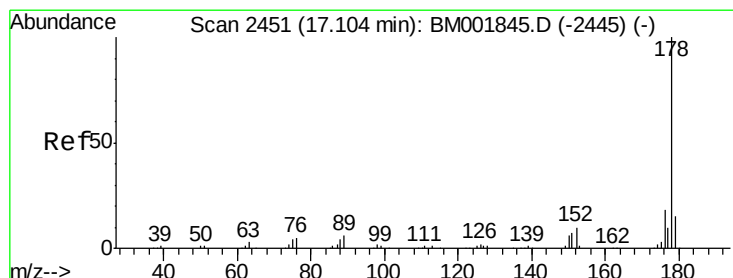
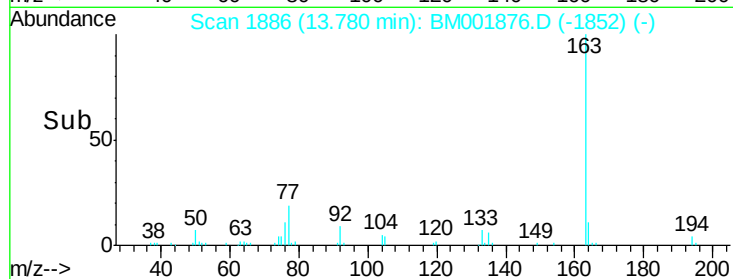
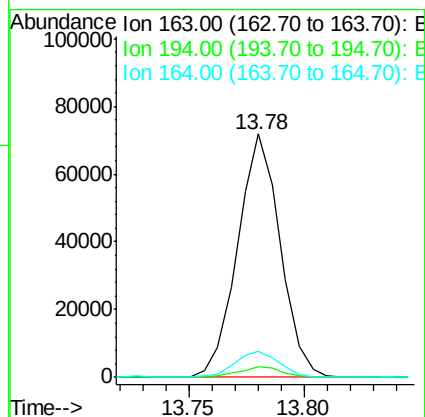
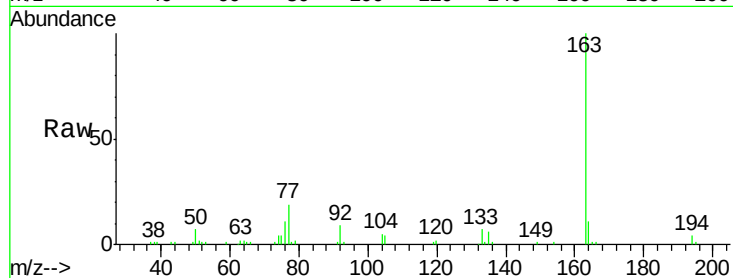
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Dimethylphthalate
Concen: 8.38 ng/ul
RT: 13.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampleId :
G93L0

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.0	12.0

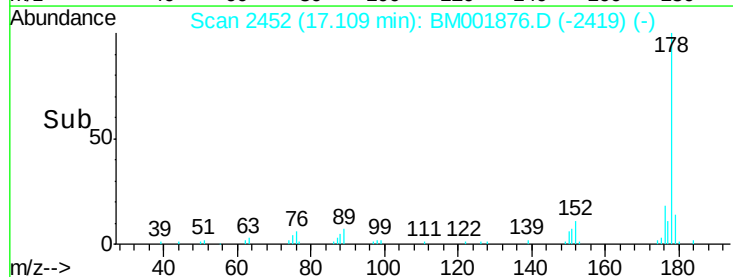
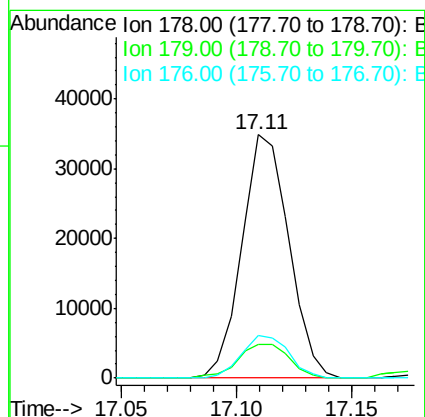
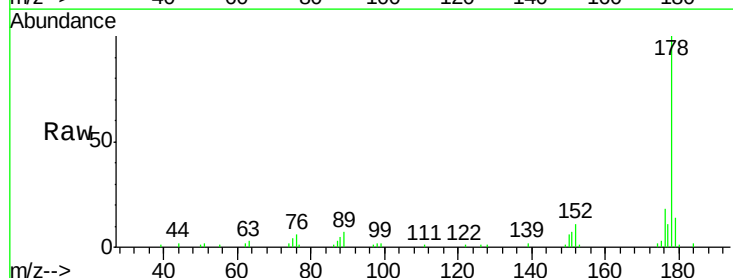
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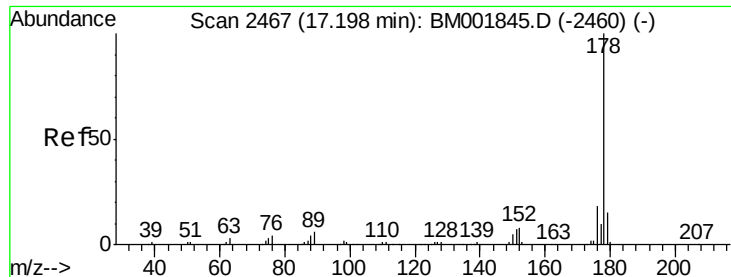
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#69
Phenanthrene
Concen: 3.01 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	13.8	11.9	17.9
176	17.6	15.2	22.8





#71

Anthracene

Concen: 1.06 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BM001876.D

Acq: 07 Jul 2015 22:48

Instrument :

BNA_M

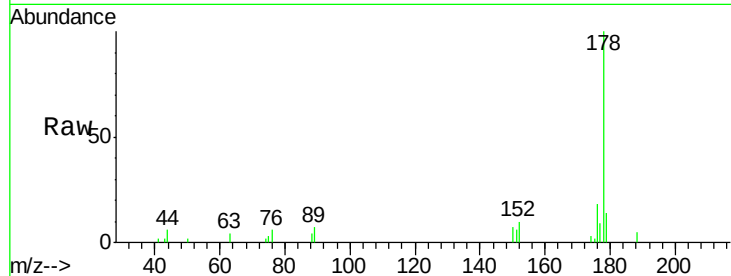
ClientSampleId :

G93L0

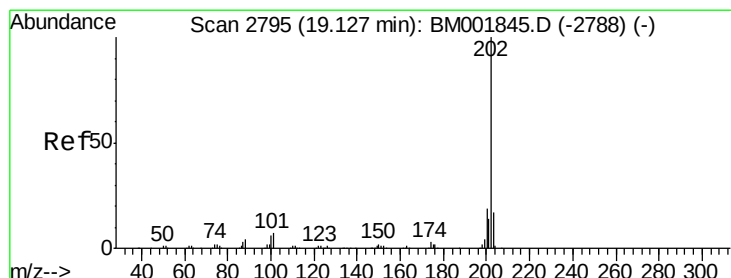
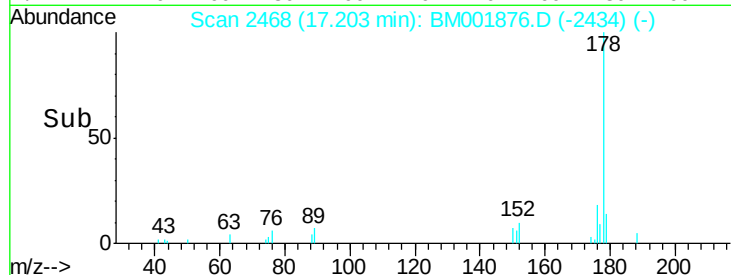
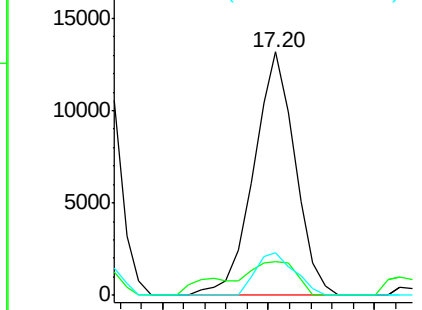
Tgt Ion:	178	Resp:	17969
Ion Ratio	Lower	Upper	
178	100		
179	13.8	11.8	17.8
176	17.6	14.4	21.6

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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



#76

Fluoranthene

Concen: 6.18 ng/ul

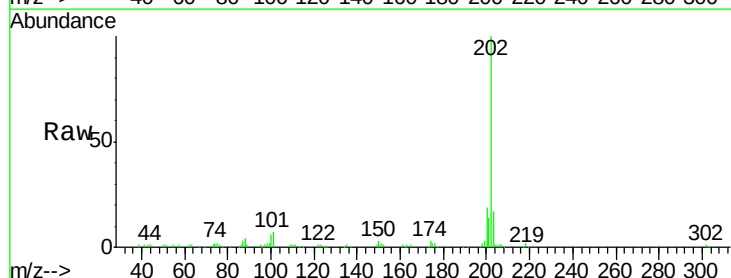
RT: 19.13 min Scan# 2796

Delta R.T. -0.00 min

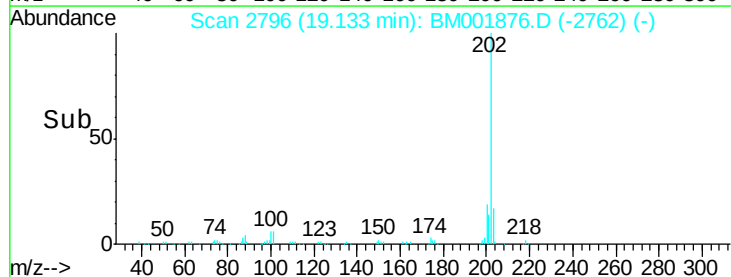
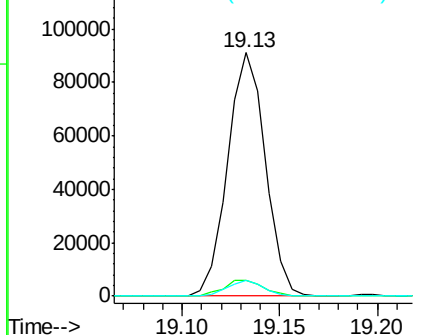
Lab File: BM001876.D

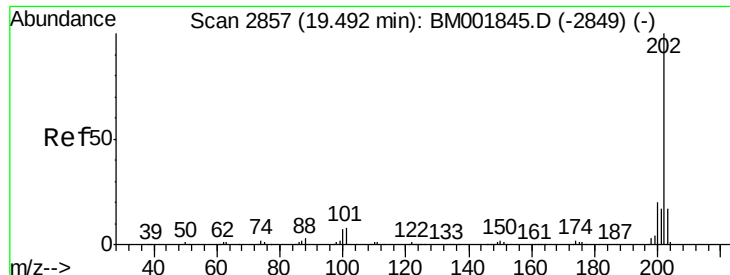
Acq: 07 Jul 2015 22:48

Tgt Ion:	202	Resp:	121815
Ion Ratio	Lower	Upper	
202	100		
101	6.7	6.1	9.1
100	6.4	4.8	7.2



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





#79

Pyrene

Concen: 6.00 ng/ul

RT: 19.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BM001876.D

Acq: 07 Jul 2015 22:48

Instrument :

BNA_M

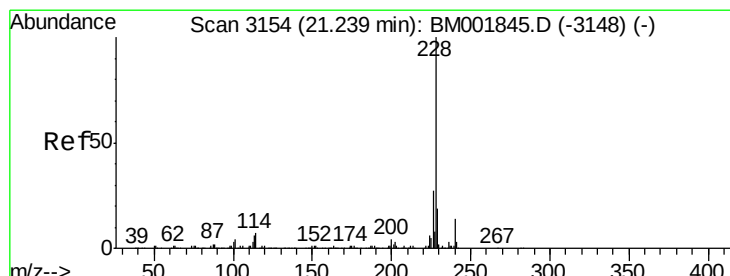
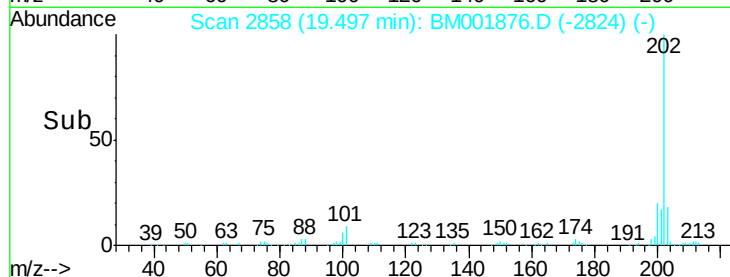
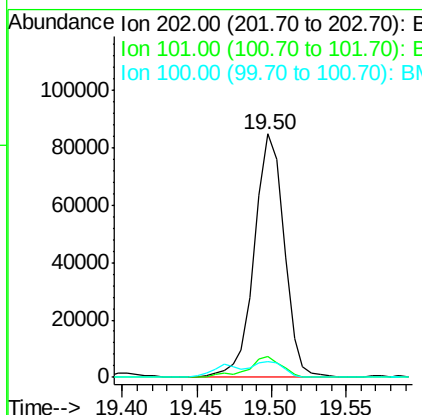
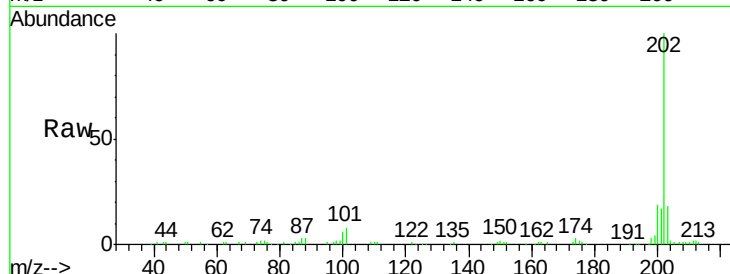
ClientSampled :

G93L0

Tgt Ion:	202	Resp:	117307
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.9	10.3
100	6.2	6.2	9.2

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#82

Benzo(a)anthracene

Concen: 5.37 ng/ul

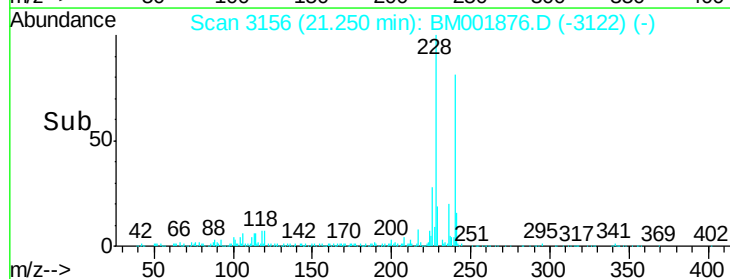
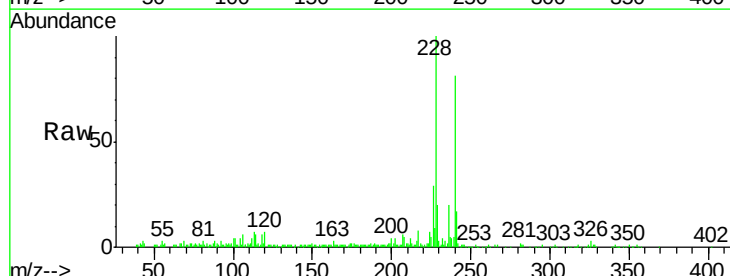
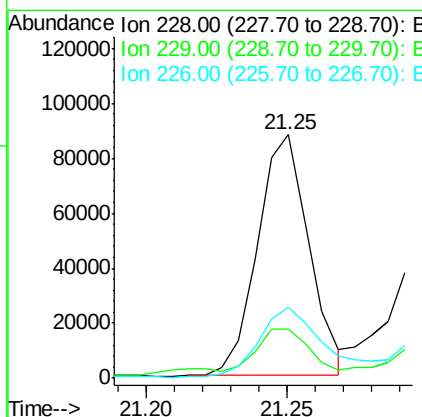
RT: 21.25 min Scan# 3156

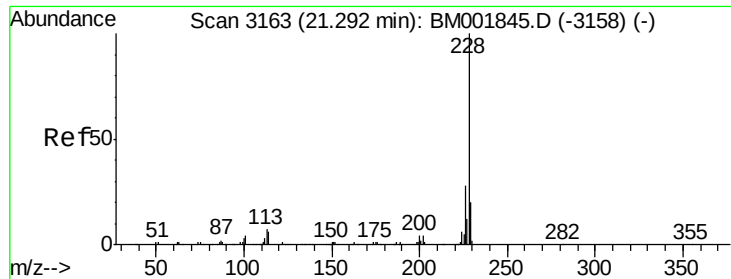
Delta R.T. -0.00 min

Lab File: BM001876.D

Acq: 07 Jul 2015 22:48

Tgt Ion:	228	Resp:	110634
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.4	23.0
226	29.0	20.6	30.8





#84

Chrysene

Concen: 5.08 ng/ul

RT: 21.30 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BM001876.D

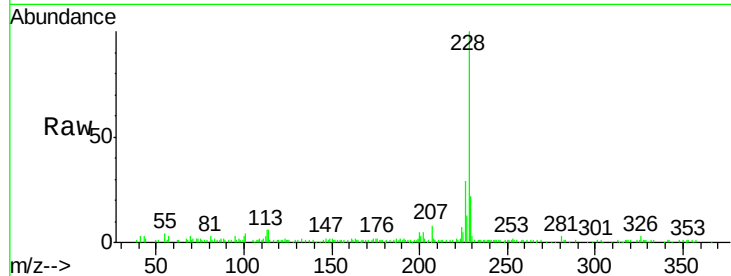
Acq: 07 Jul 2015 22:48

Instrument :

BNA_M

ClientSampleId :

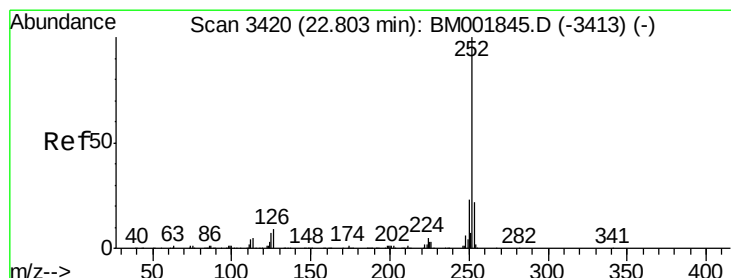
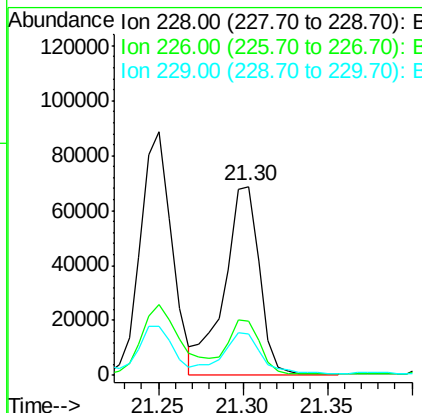
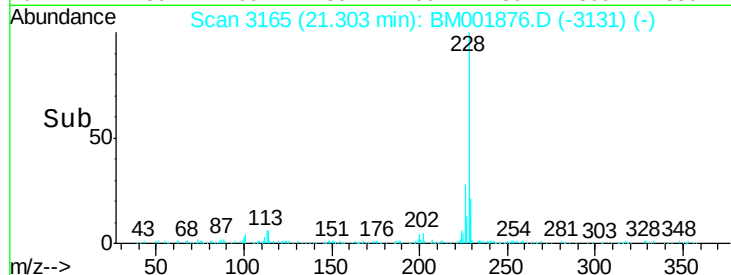
G93L0



Tgt Ion:	228	Resp:	99251
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.0	34.4
229	21.9	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 8.03 ng/ul

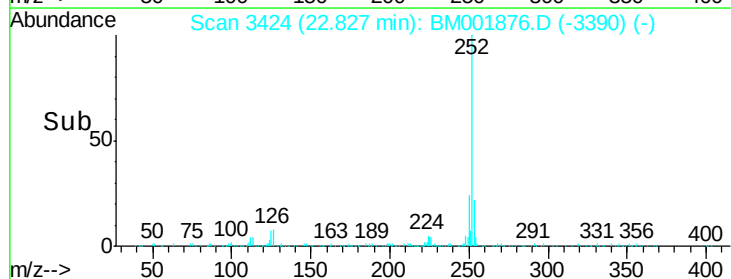
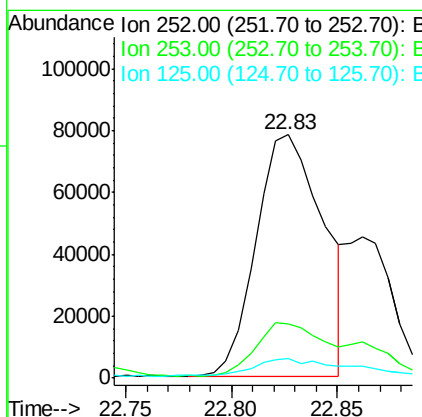
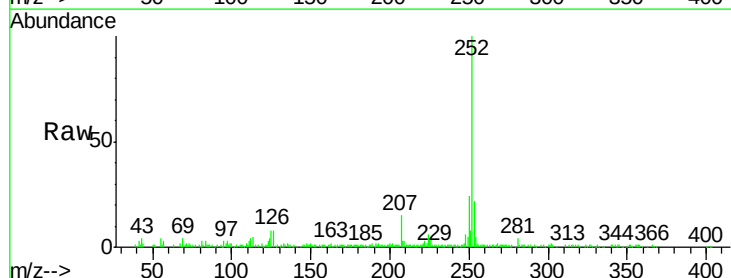
RT: 22.83 min Scan# 3424

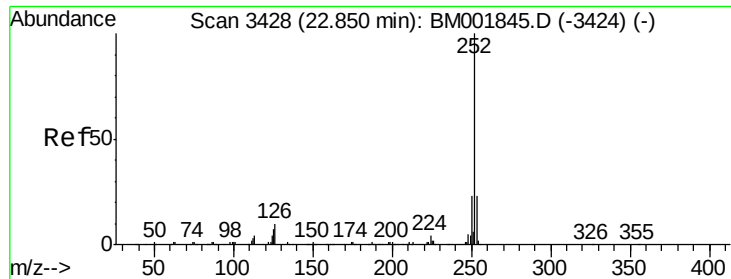
Delta R.T. -0.00 min

Lab File: BM001876.D

Acq: 07 Jul 2015 22:48

Tgt Ion:	252	Resp:	172590
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	7.8	5.3	7.9





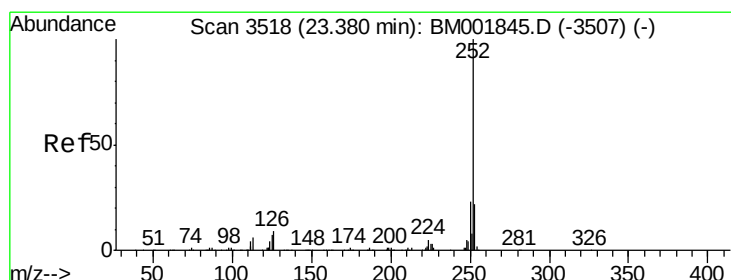
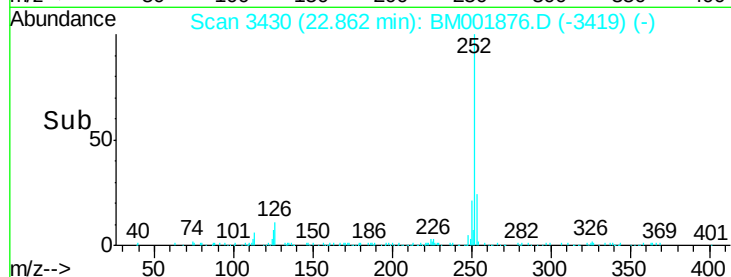
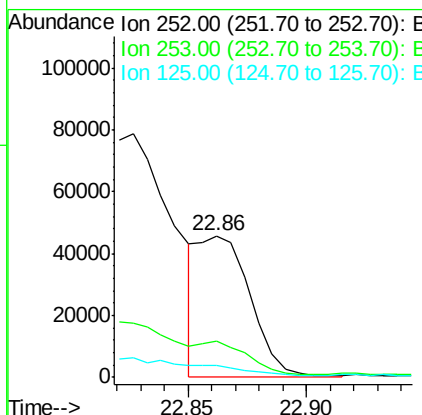
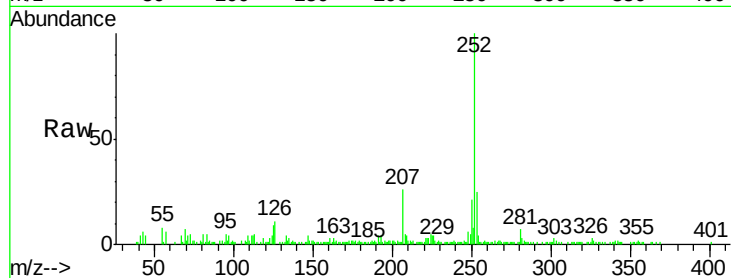
#88
Benzo(k)fluoranthene
Concen: 3.34 ng/ul m
RT: 22.86 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Instrument :
BNA_M
ClientSampled :
G93L0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	8.6	5.3	7.9#

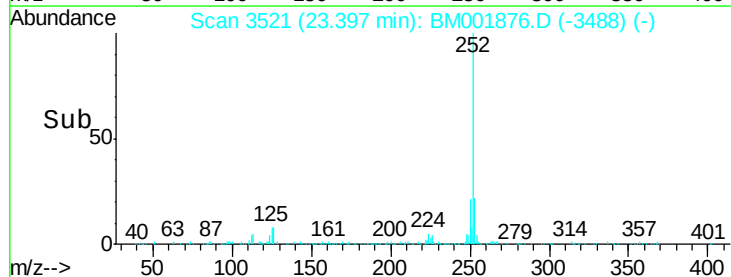
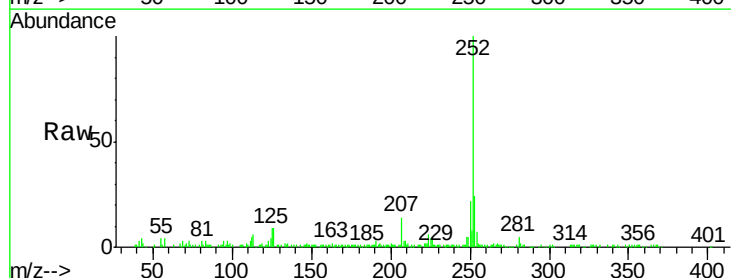
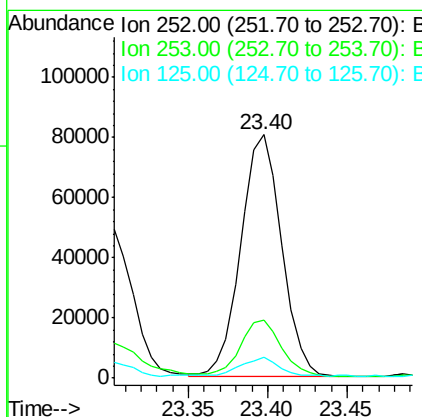
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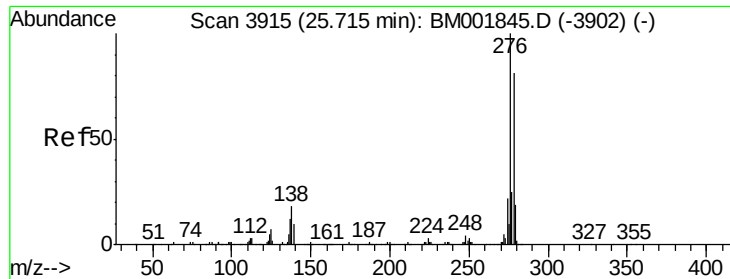
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#90
Benzo(a)pyrene
Concen: 6.87 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BM001876.D
Acq: 07 Jul 2015 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	8.5	6.0	9.0





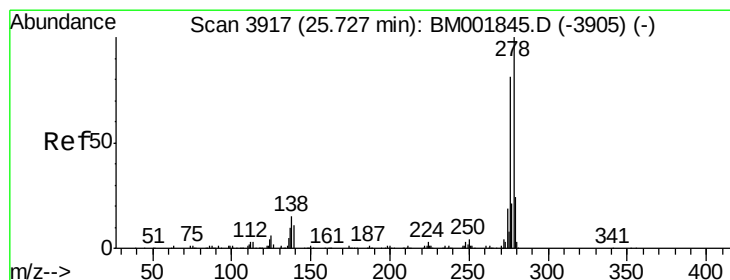
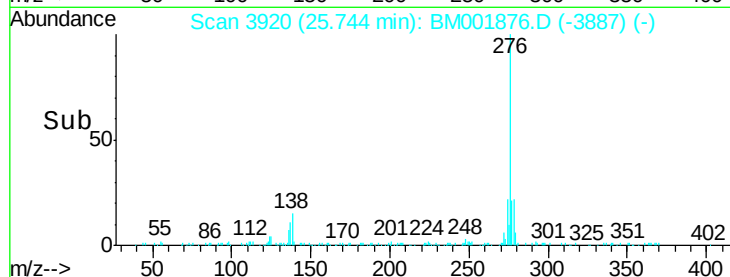
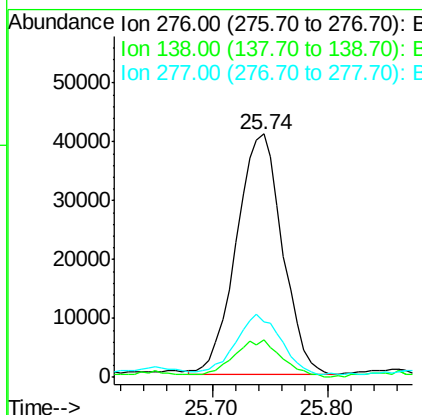
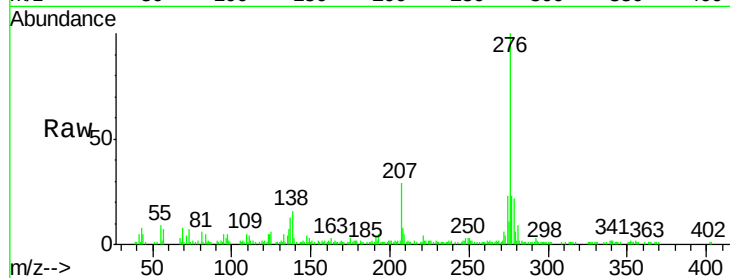
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.55 ng/ul
 RT: 25.74 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM001876.D
 Acq: 07 Jul 2015 22:48

Instrument :
 BNA_M
 ClientSampleId :
 G93L0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	112709		
138	15.5	14.7	22.1	
277	22.7	19.7	29.5	

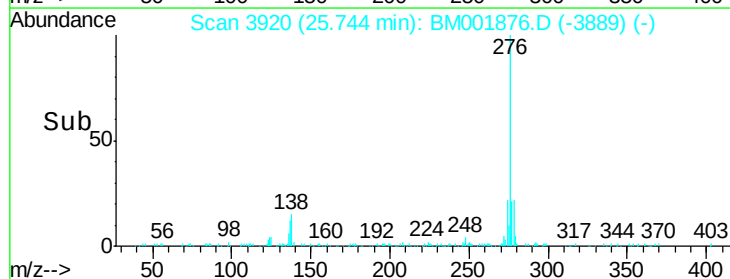
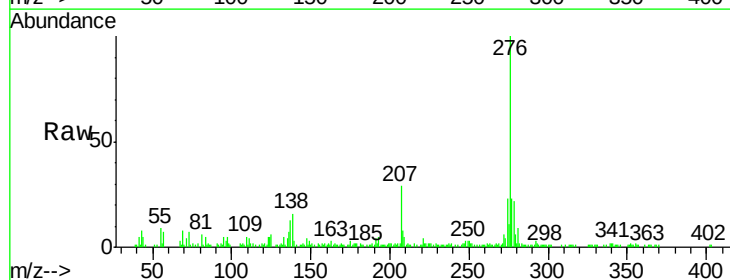
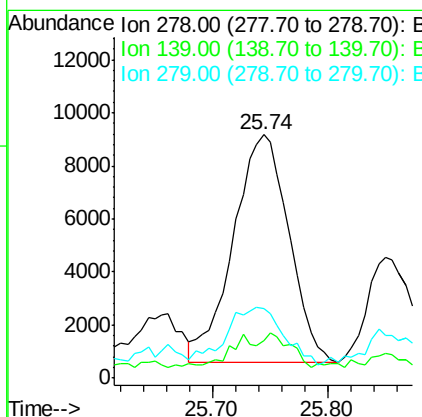
Manual Integrations
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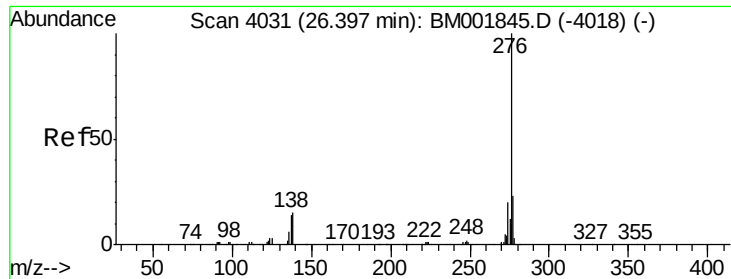
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.37 ng/ul
 RT: 25.74 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BM001876.D
 Acq: 07 Jul 2015 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	28692		
139	15.4	9.2	13.8#	
279	28.5	19.1	28.7	





#93

Benzo(g,h,i)perylene

Concen: 4.88 ng/ul

RT: 26.44 min Scan# 4038

Delta R.T. -0.01 min

Lab File: BM001876.D

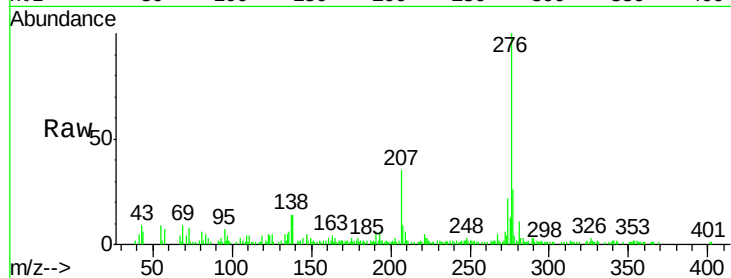
Acq: 07 Jul 2015 22:48

Instrument :

BNA_M

ClientSampleId :

G93L0



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		101632		
138	14.2	12.6	19.0		
277	25.7	18.7	28.1		

Manual Integrations
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