

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004062.D
 Acq On : 15 Jan 2016 23:49
 Operator : SJ/UM
 Sample : H1100-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9G8

Manual Integrations
 APPROVED

Sohil
 1/16/2016 5:01:32 AM

Quant Time: Jan 16 03:44:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 16 03:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	38704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	185229	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	106029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	225283	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	182844	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	169916	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4132	4.78	ng/uL	0.00
5) Phenol-d5	6.85	99	103162	32.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	60132	33.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	85523	32.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	75215	28.89	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45530	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	50362	32.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	83539	30.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	116028	32.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	295895	35.55	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	349930	34.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	46883	31.36	ng/ul	0.00
58) Fluorene-d10	15.32	176	253381	35.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	30185	23.76	ng/ul	0.00
71) Anthracene-d10	17.17	188	381870	36.65	ng/ul	0.00
79) Pyrene-d10	19.47	212	390321	41.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	332381	39.17	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.78	163	130929	15.43	ng/ul	100
70) Phenanthrene	17.12	178	59340	4.68	ng/ul	100
72) Anthracene	17.20	178	16176	1.24	ng/ul	99
77) Fluoranthene	19.14	202	73844	5.61	ng/ul	99
80) Pyrene	19.50	202	60801	4.90	ng/ul	99
83) Benzo(a)anthracene	21.26	228	27802	2.55	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	9999	1.51	ng/ul	98
85) Chrysene	21.31	228	27458	2.65	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	27314	2.64	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	11099m	1.13	ng/ul	
91) Benzo(a)pyrene	23.42	252	20804	2.12	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.76	276	11645	1.07	ng/ul	96
94) Benzo(g,h,i)perylene	26.45	276	10107	1.11	ng/ul	99

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

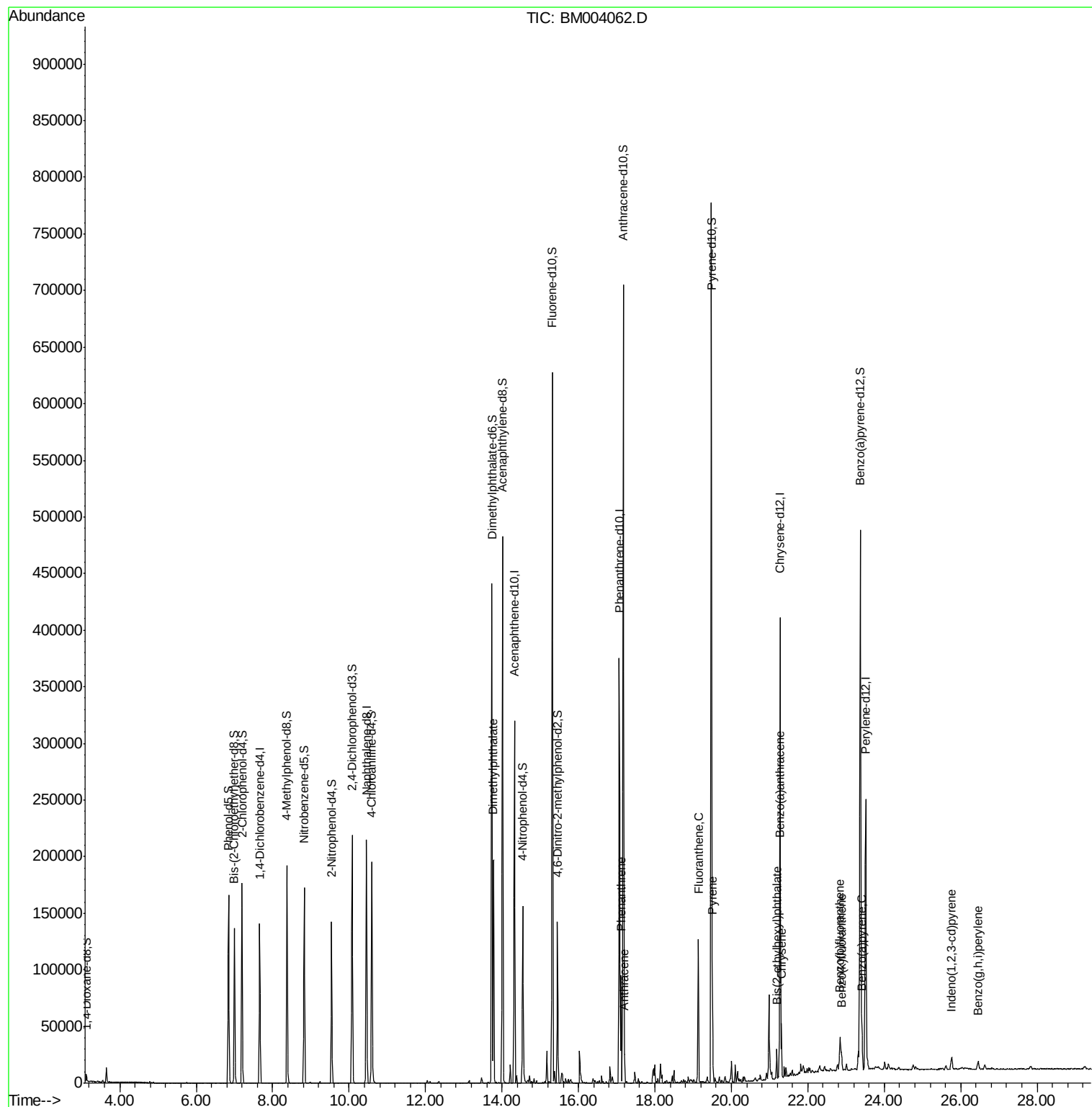
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004062.D
Acq On : 15 Jan 2016 23:49
Operator : SJ/UM
Sample : H1100-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

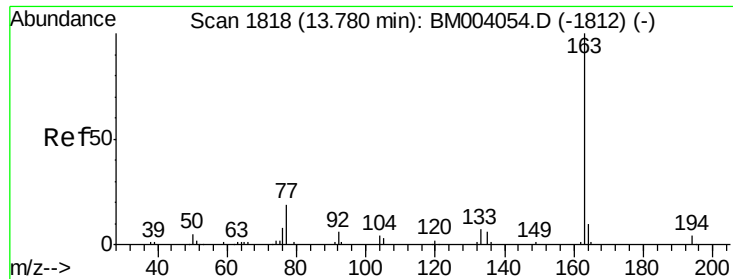
Instrument :
BNA_M
ClientSampled :
BC9G8

Manual Integrations
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1/16/2016 5:01:32 AM

Quant Time: Jan 16 03:44:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 03:00:58 2016
Response via : Initial Calibration





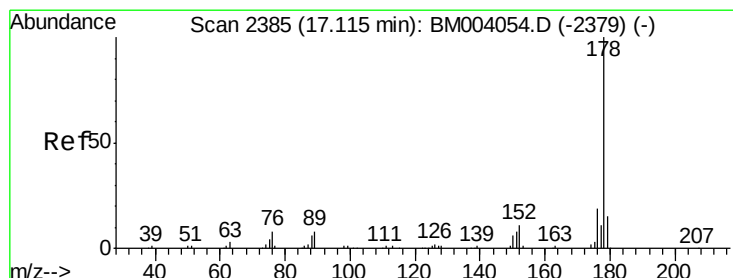
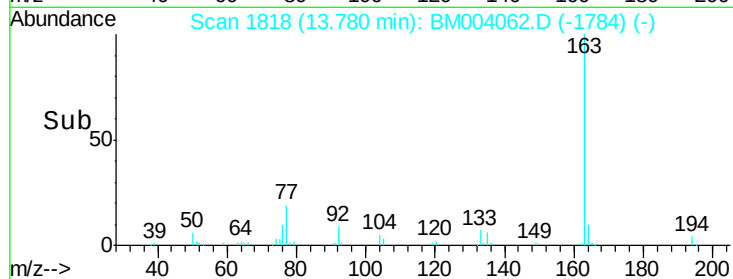
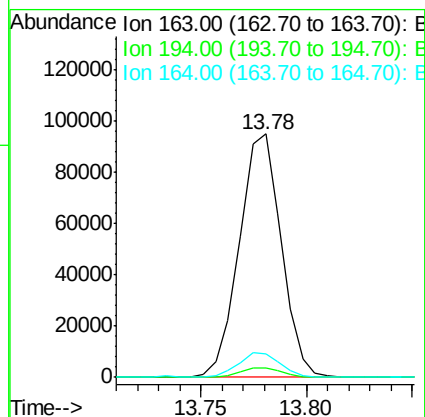
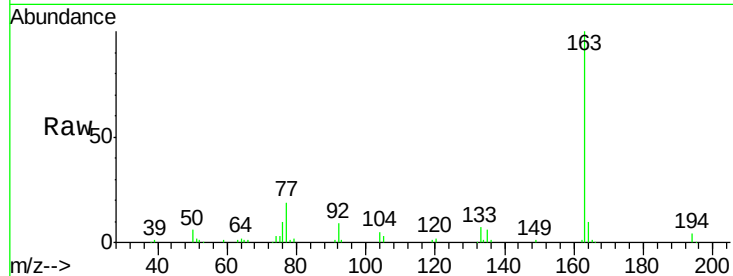
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Dimethylphthalate
Concen: 15.43 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004062.D
Acq: 15 Jan 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BC9G8

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	3.2	4.8
164	9.8	7.8	11.8

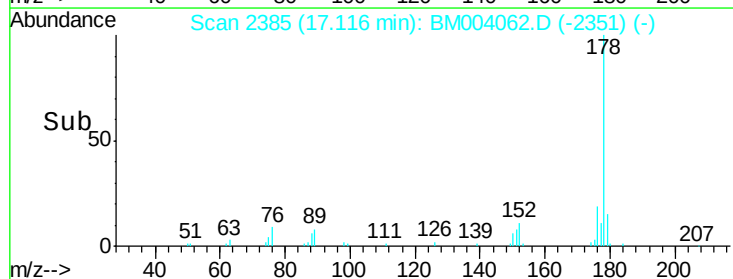
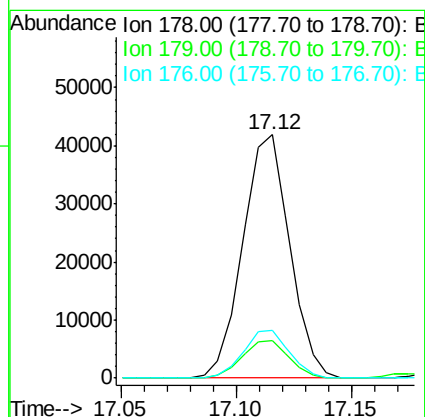
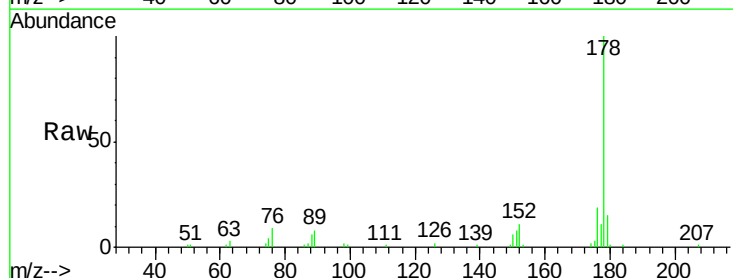
Manual Integrations
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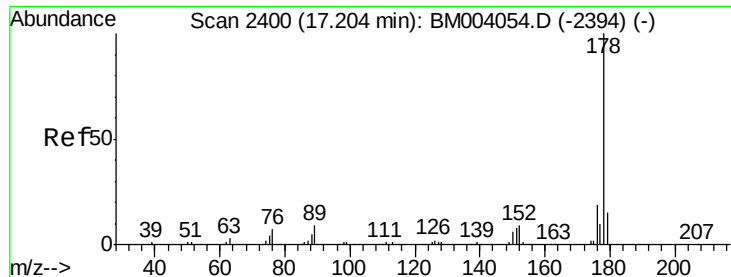
Sohil
1/16/2016 5:01:32 AM



#70
Phenanthrene
Concen: 4.68 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004062.D
Acq: 15 Jan 2016 23:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.2	12.2	18.4
176	19.5	15.6	23.4





#72

Anthracene

Concen: 1.24 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Instrument :

BNA_M

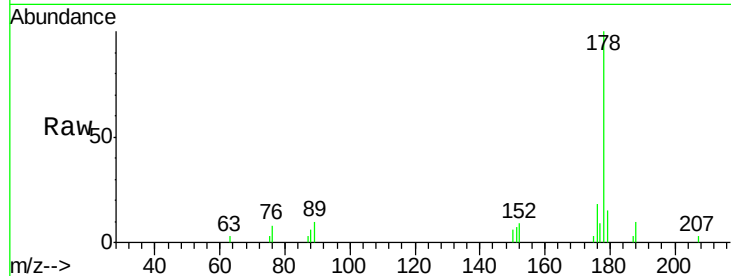
ClientSampleId :

BC9G8

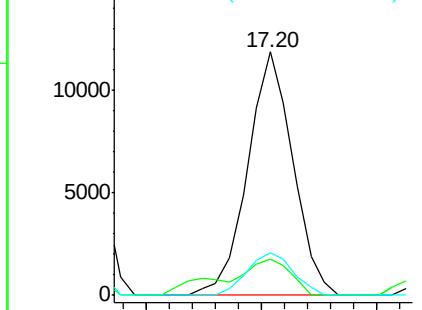
Tgt Ion:	178	Resp:	16176
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.1	18.1
176	17.5	14.8	22.2

Manual Integrations
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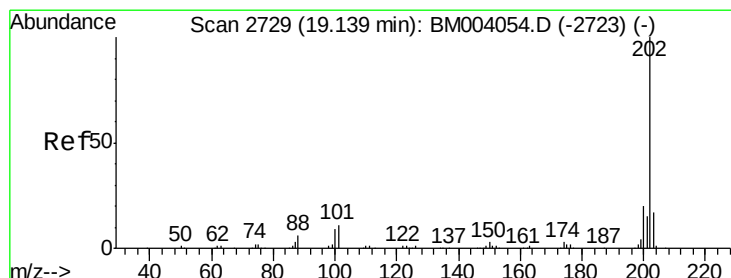
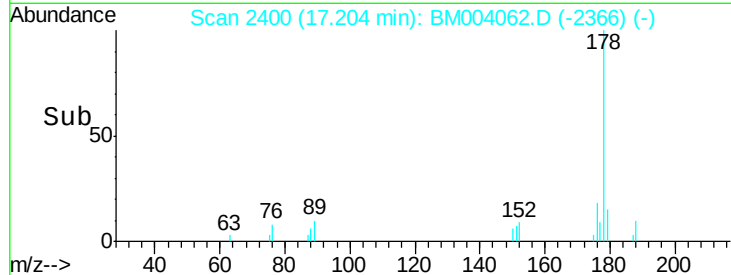
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 5.61 ng/ul

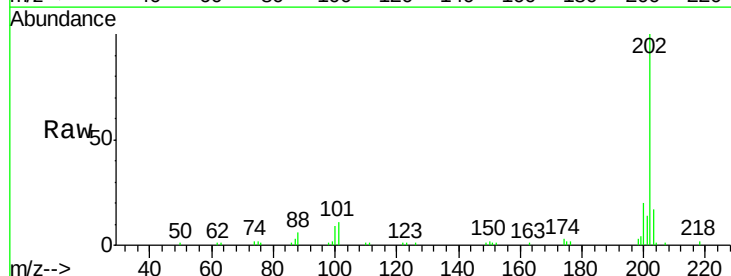
RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

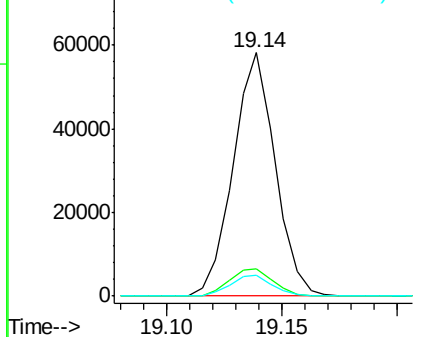
Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

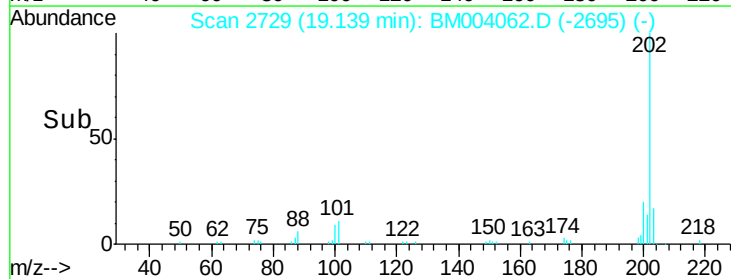
Tgt Ion:	202	Resp:	73844
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.8	13.2
100	8.6	6.6	9.8

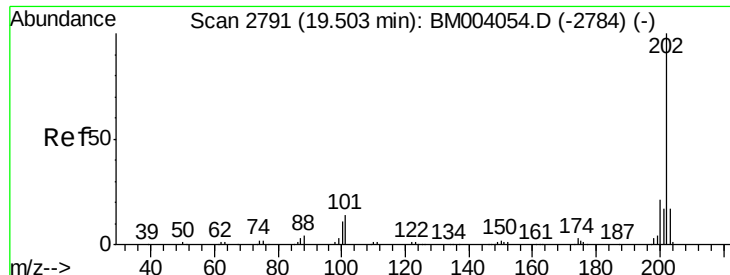


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





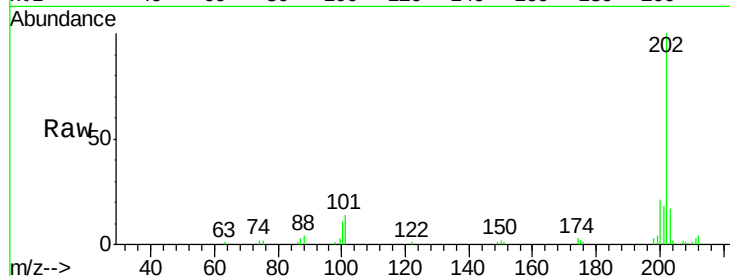
#80
 Pyrene
 Concen: 4.90 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004062.D
 Acq: 15 Jan 2016 23:49

Instrument :
 BNA_M
 ClientSampleId :
 BC9G8

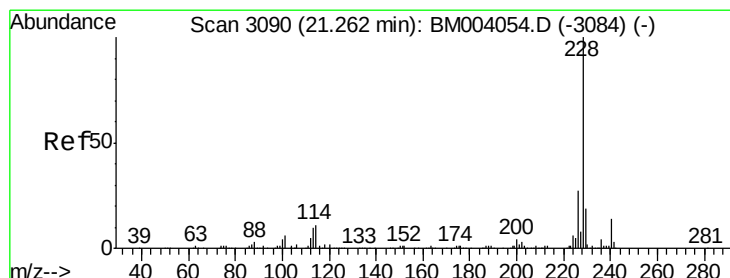
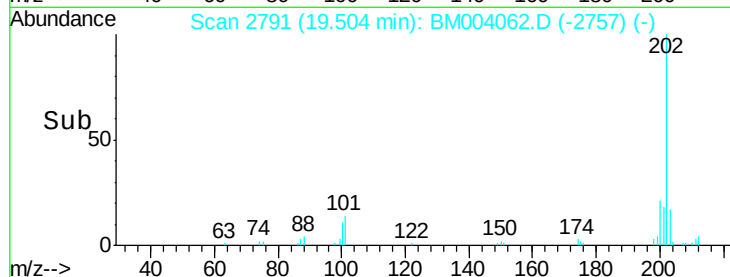
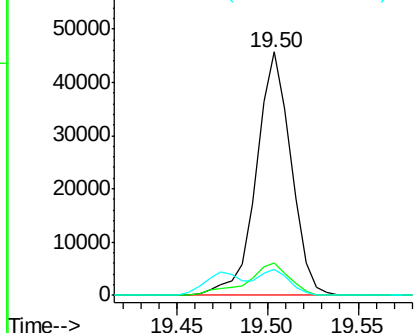
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	60801		
101	13.6	10.2	15.2	
100	10.7	8.5	12.7	

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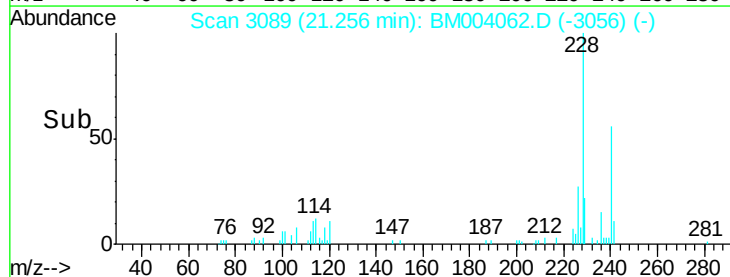
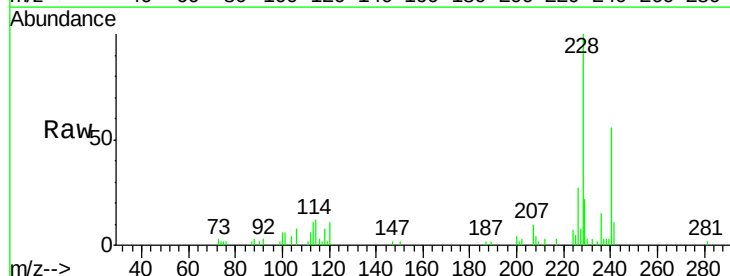
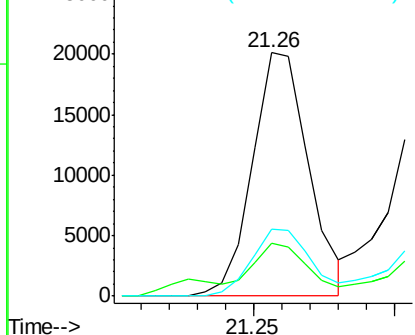
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

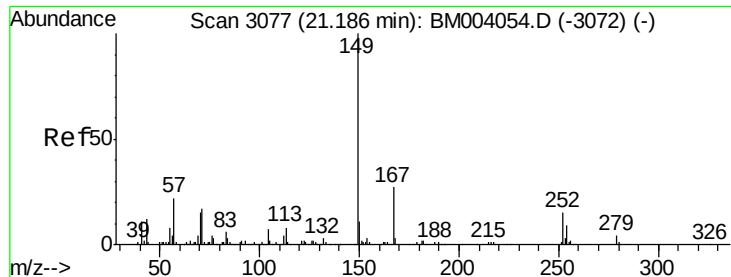


#83
 Benzo(a)anthracene
 Concen: 2.55 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004062.D
 Acq: 15 Jan 2016 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	27802		
229	21.7	15.7	23.5	
226	27.3	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

Bis(2-ethylhexyl)phthalate

Concen: 1.51 ng/ul

RT: 21.19 min Scan# 3077

Delta R.T. 0.00 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Instrument :

BNA_M

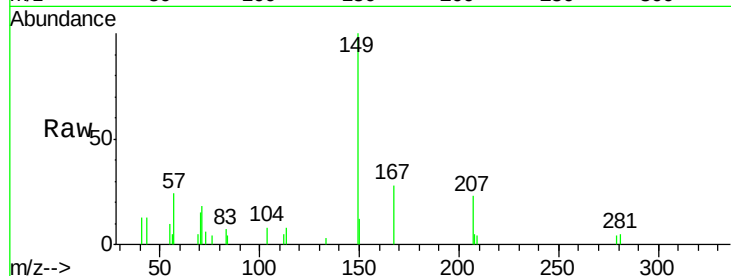
ClientSampleId :

BC9G8

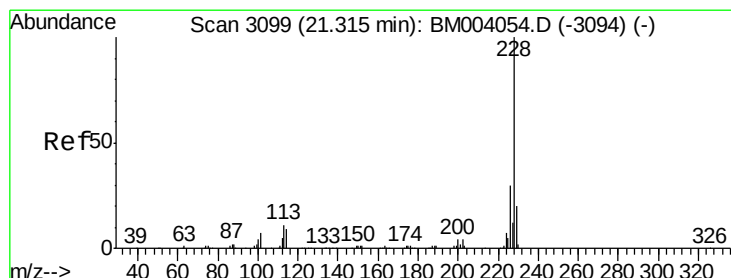
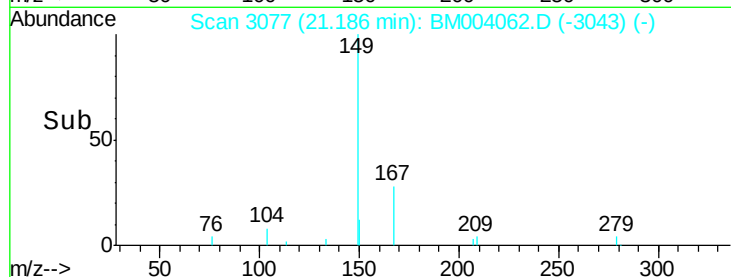
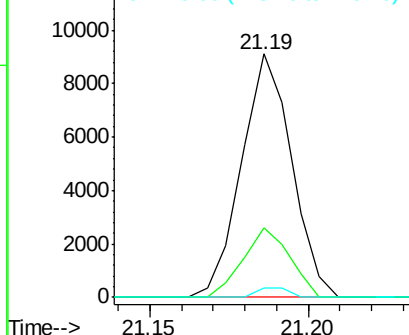
Tgt Ion:	149	Resp:	9999
Ion Ratio	Lower	Upper	
149	100		
167	28.4	21.6	32.4
279	3.8	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.65 ng/ul

RT: 21.31 min Scan# 3098

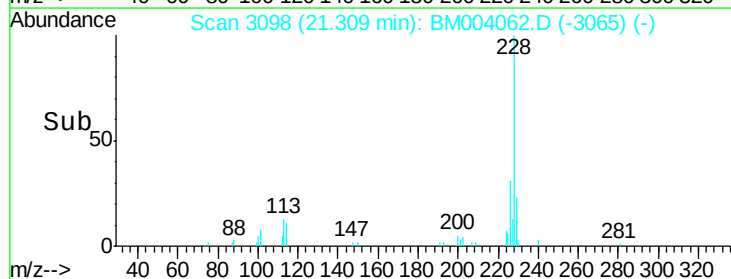
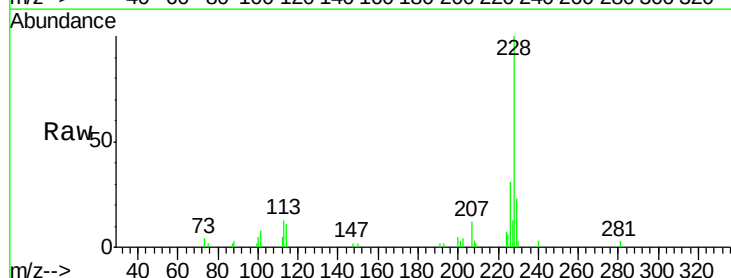
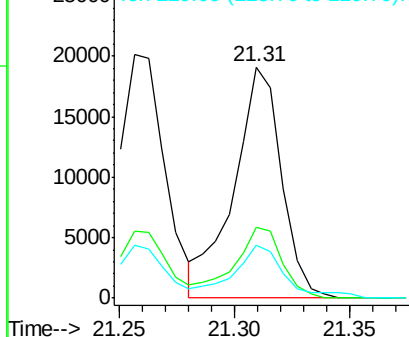
Delta R.T. -0.01 min

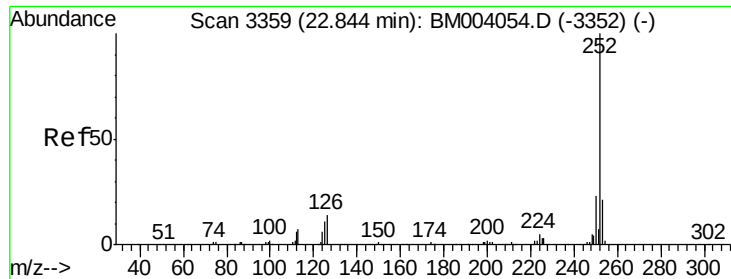
Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Tgt Ion:	228	Resp:	27458
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	22.8	15.6	23.4

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





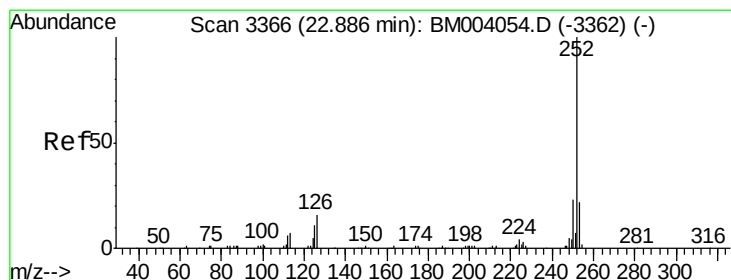
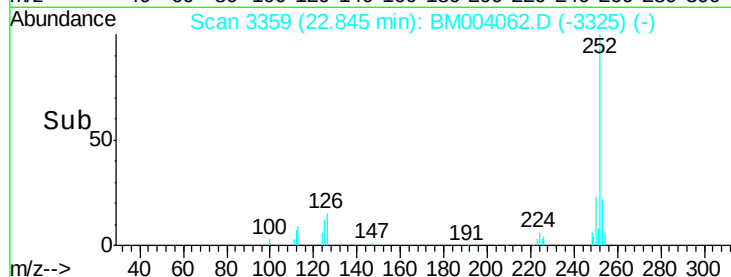
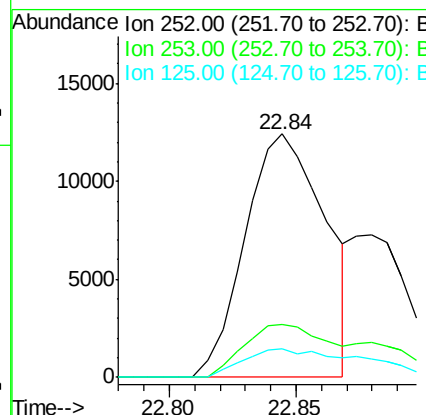
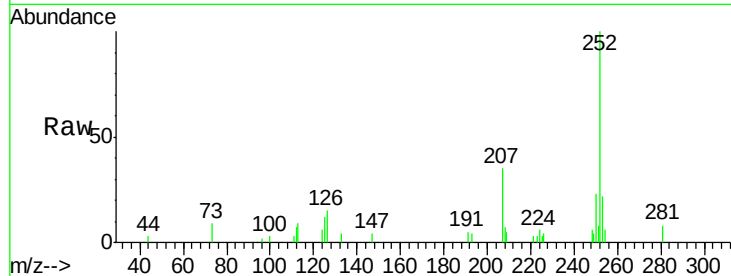
#88
Benzo(b)fluoranthene
Concen: 2.64 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM004062.D
Acq: 15 Jan 2016 23:49

Instrument :
BNA_M
ClientSampleId :
BC9G8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.6	8.5	12.7

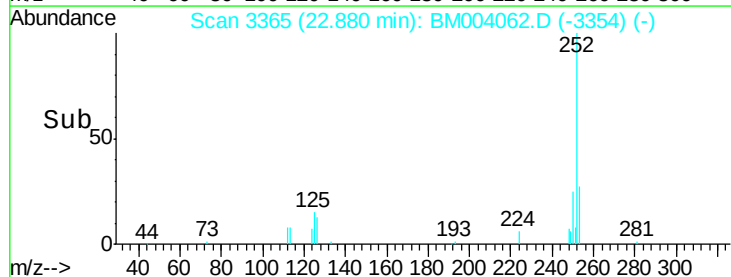
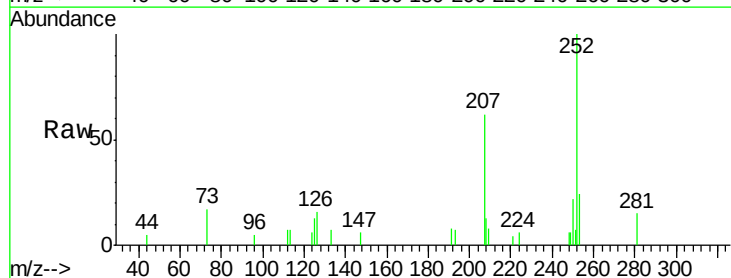
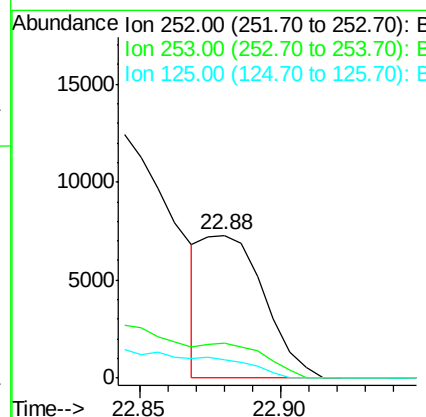
Manual Integrations
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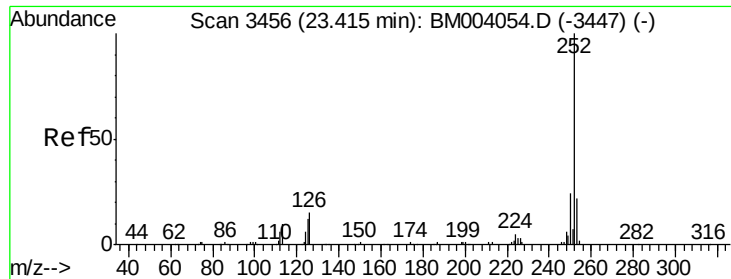
Sohil
1/16/2016 5:01:32 AM



#89
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004062.D
Acq: 15 Jan 2016 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	13.0	8.2	12.2#





#91

Benzo(a)pyrene

Concen: 2.12 ng/ul

RT: 23.42 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Instrument :

BNA_M

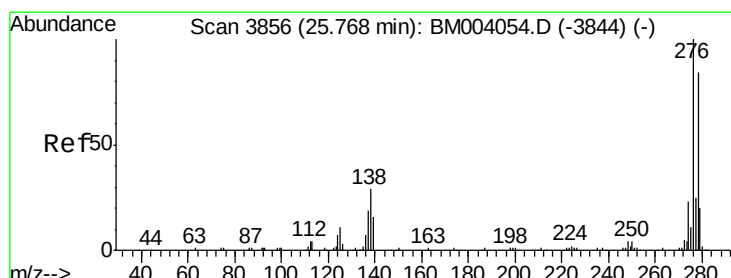
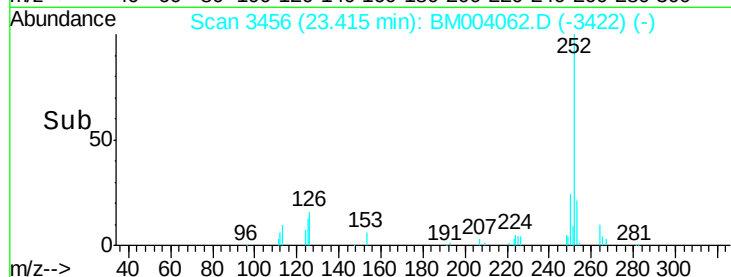
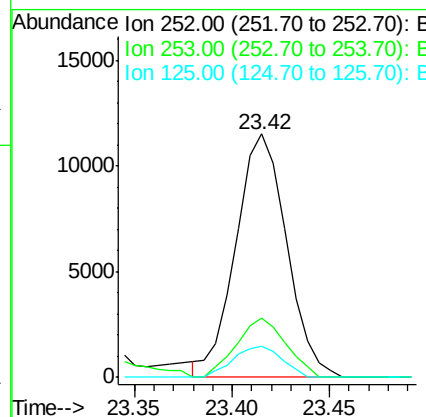
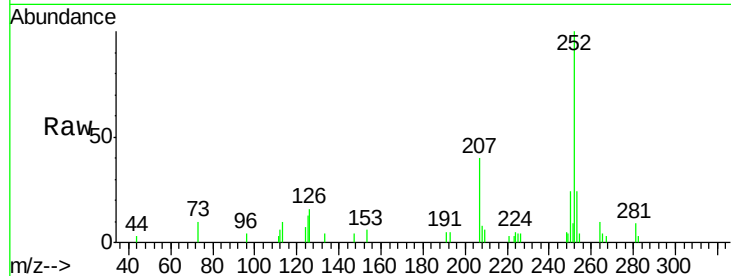
ClientSampled :

BC9G8

Tgt Ion:	252	Resp:	20804
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.2	25.8
125	12.9	9.0	13.6

Manual Integrations
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1/16/2016 5:01:32 AM



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.07 ng/ul

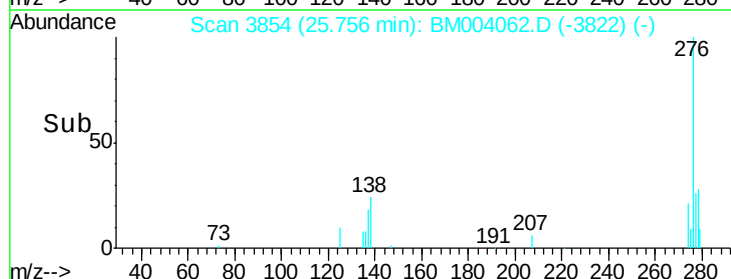
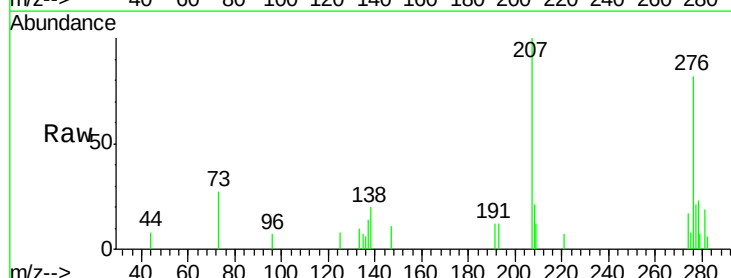
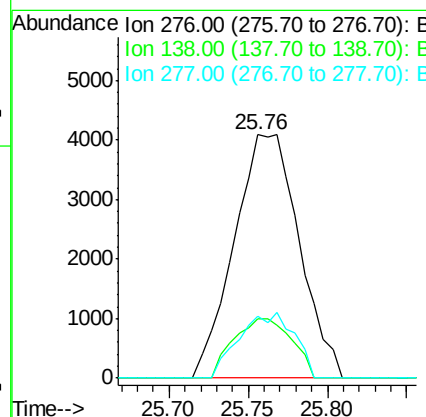
RT: 25.76 min Scan# 3854

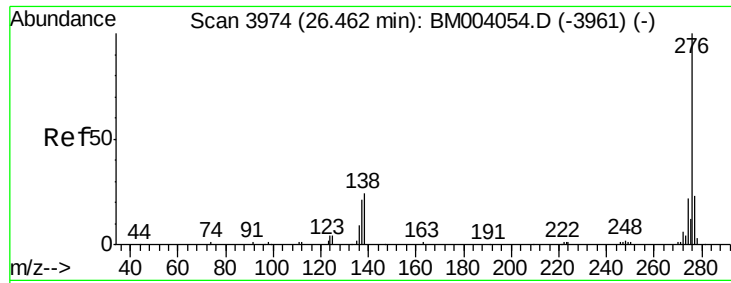
Delta R.T. -0.01 min

Lab File: BM004062.D

Acq: 15 Jan 2016 23:49

Tgt Ion:	276	Resp:	11645
Ion Ratio	Lower	Upper	
276	100		
138	24.1	22.3	33.5
277	25.6	20.2	30.2





#94

Benzo(g,h,i)perylene

Concen: 1.11 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BM004062.D

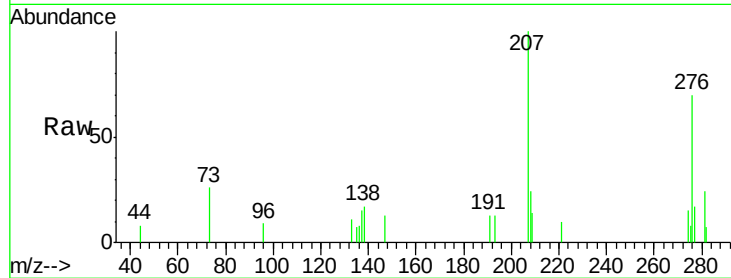
Acq: 15 Jan 2016 23:49

Instrument :

BNA_M

ClientSampleId :

BC9G8



Tgt Ion:	276	Resp:	10107
Ion Ratio	Lower	Upper	
276	100		
138	24.5	18.9	28.3
277	23.6	19.2	28.8

Manual Integrations
APPROVED

Sohil
1/16/2016 5:01:32 AM

