

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
 Data File : BM004055.D
 Acq On : 15 Jan 2016 19:37
 Operator : SJ/UM
 Sample : H1100-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9C9

Manual Integrations
 APPROVED

Sohil
 1/16/2016 5:01:23 AM

Quant Time: Jan 16 03:13:32 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	39252	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	186762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	107954	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	231129	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	191906	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	175495	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3070	3.50	ng/uL	0.00
5) Phenol-d5	6.85	99	71645	21.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	43216	23.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	62120	23.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	38305	14.51	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32995	23.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36892	23.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	60357	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	73814	20.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	210298	24.81	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	258458	25.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	26148	17.18	ng/ul	0.00
58) Fluorene-d10	15.32	176	183596	25.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	19357	14.85	ng/ul	0.00
71) Anthracene-d10	17.17	188	264277	24.72	ng/ul	0.00
79) Pyrene-d10	19.47	212	271236	27.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	223126	25.46	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.78	163	108525	12.56	ng/ul	99
70) Phenanthrene	17.12	178	96281	7.41	ng/ul	99
72) Anthracene	17.20	178	21957	1.65	ng/ul	99
77) Fluoranthene	19.14	202	163527	12.11	ng/ul	99
80) Pyrene	19.50	202	190930	14.66	ng/ul	98
83) Benzo(a)anthracene	21.26	228	78173	6.84	ng/ul	97
85) Chrysene	21.31	228	86043	7.92	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	81748	7.66	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	24604m	2.42	ng/ul	
91) Benzo(a)pyrene	23.42	252	65270	6.45	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	37524	3.35	ng/ul	96
93) Dibenzo(a,h)anthracene	25.77	278	12014	1.28	ng/ul#	90
94) Benzo(g,h,i)perylene	26.46	276	30758	3.27	ng/ul	97

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

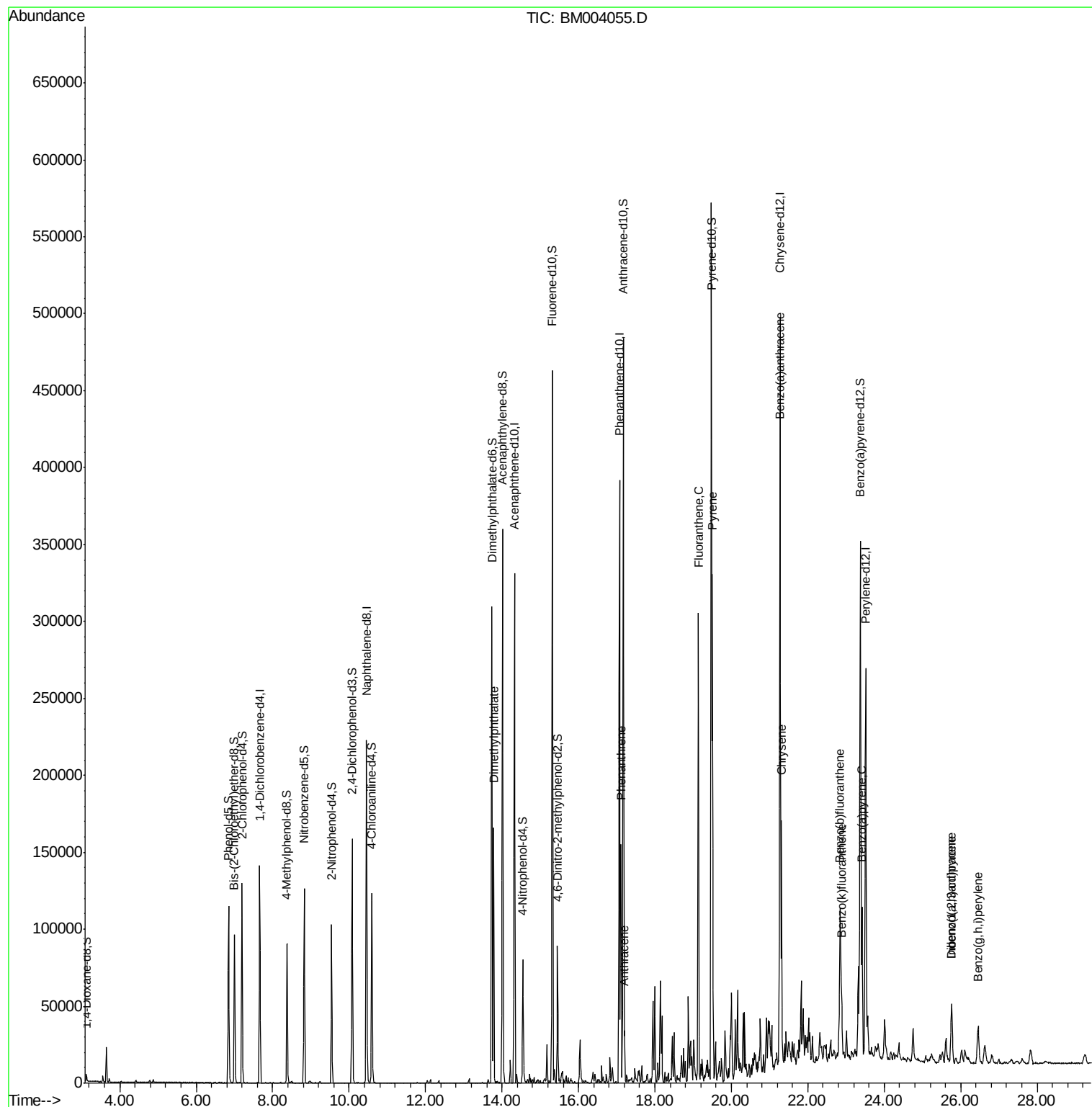
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004055.D
Acq On : 15 Jan 2016 19:37
Operator : SJ/UM
Sample : H1100-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

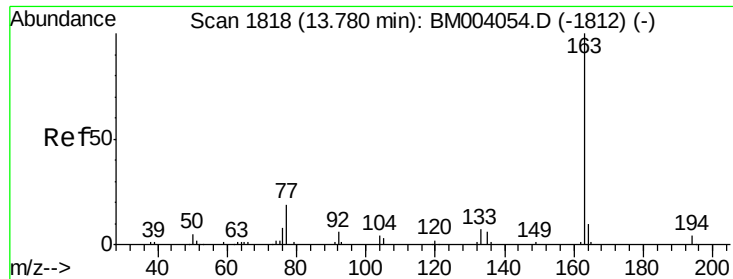
Instrument :
BNA_M
ClientSampleID :
BC9C9

Manual Integrations
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Quant Time: Jan 16 03:13:32 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





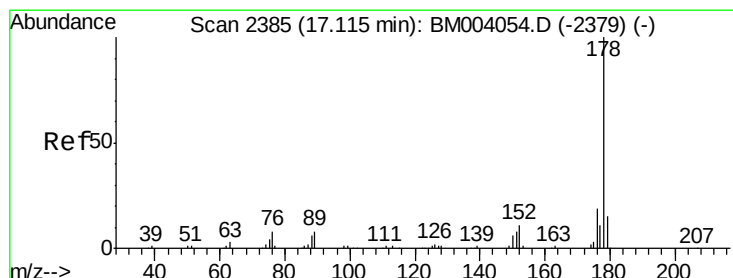
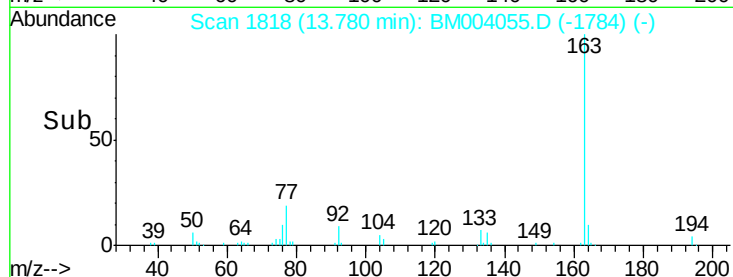
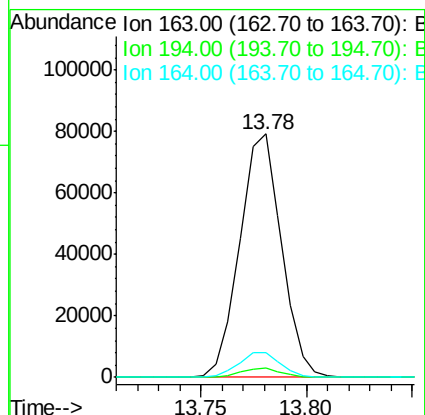
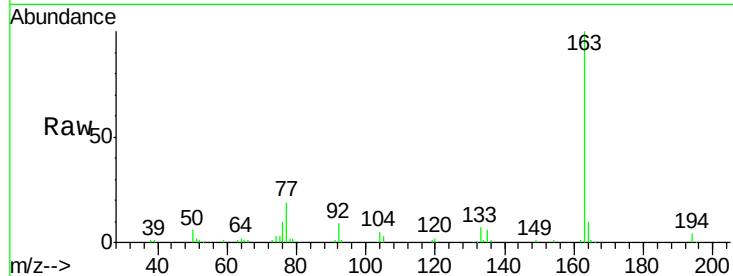
#45
Dimethylphthalate
Concen: 12.56 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004055.D
Acq: 15 Jan 2016 19:37

Instrument :
BNA_M
ClientSampled :
BC9C9

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	108525		
194	3.9		3.2	4.8
164	10.1		7.8	11.8

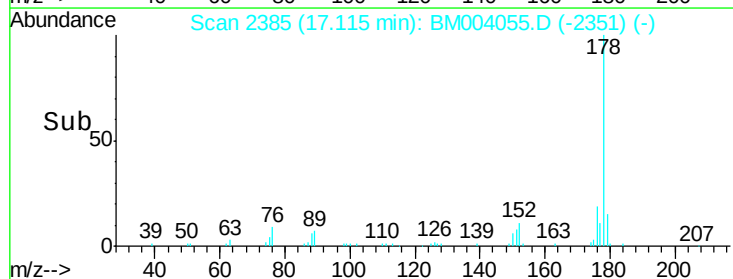
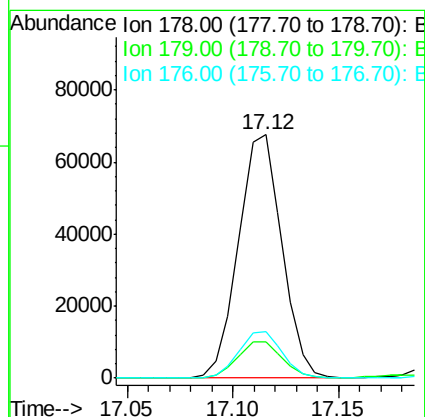
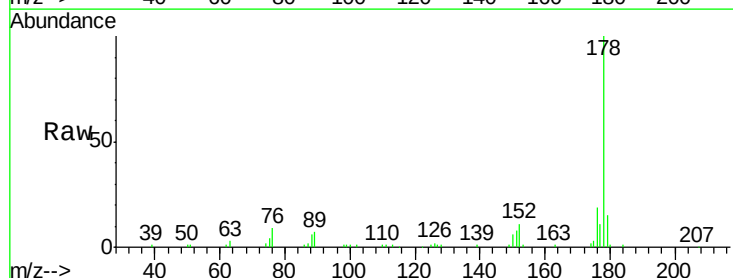
Manual Integrations
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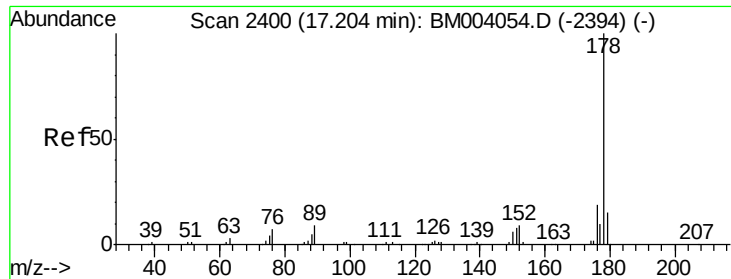
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#70
Phenanthrene
Concen: 7.41 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004055.D
Acq: 15 Jan 2016 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	96281		
179	15.1		12.2	18.4
176	19.2		15.6	23.4





#72

Anthracene

Concen: 1.65 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004055.D

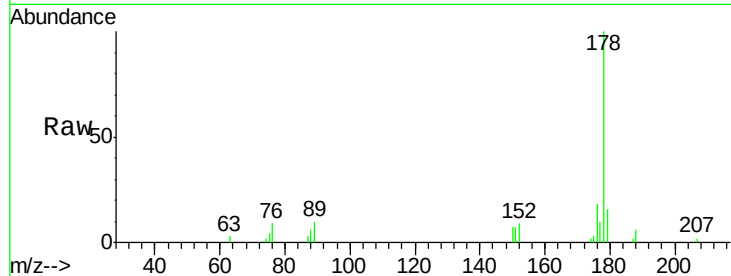
Acq: 15 Jan 2016 19:37

Instrument :

BNA_M

ClientSampleId :

BC9C9



Tgt Ion:178 Resp: 21957

Ion Ratio Lower Upper

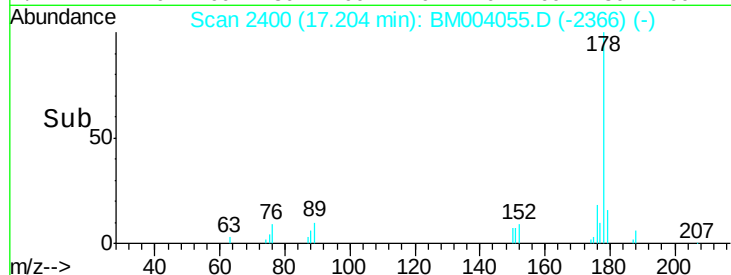
178 100

179 16.0 12.1 18.1

176 18.5 14.8 22.2

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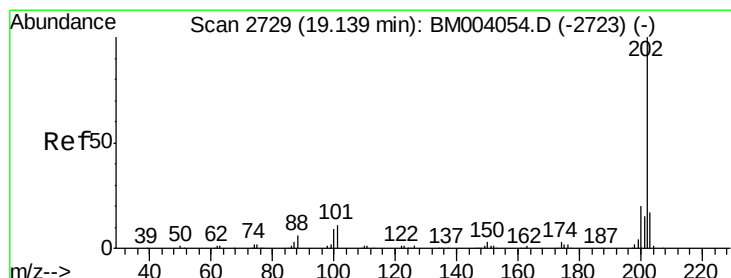
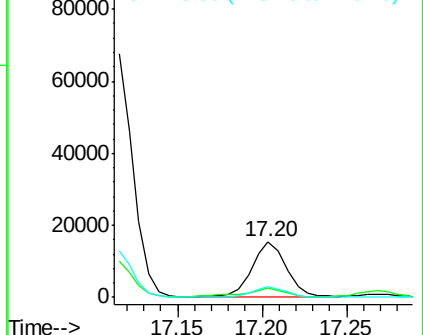
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 12.11 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004055.D

Acq: 15 Jan 2016 19:37

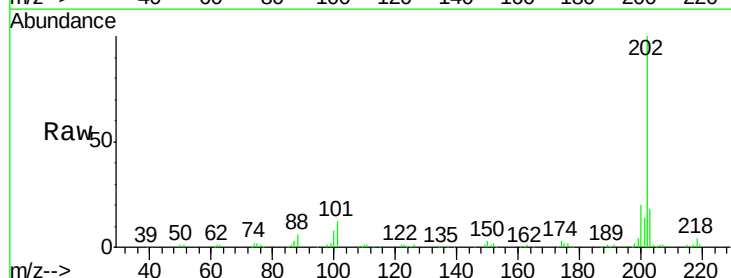
Tgt Ion:202 Resp: 163527

Ion Ratio Lower Upper

202 100

101 11.6 8.8 13.2

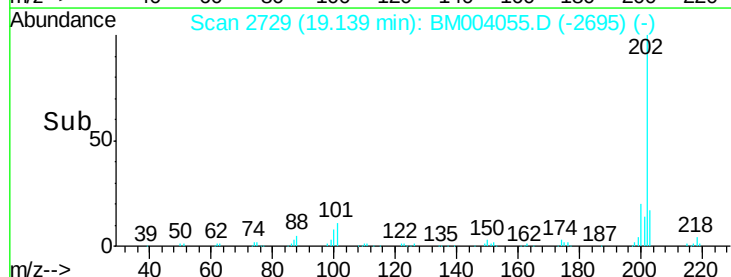
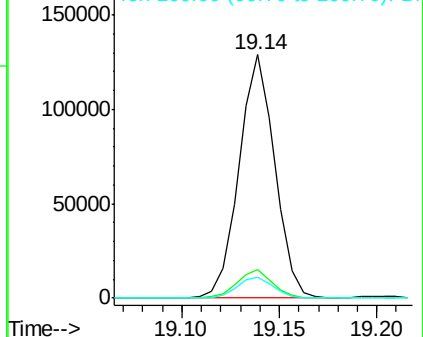
100 8.4 6.6 9.8

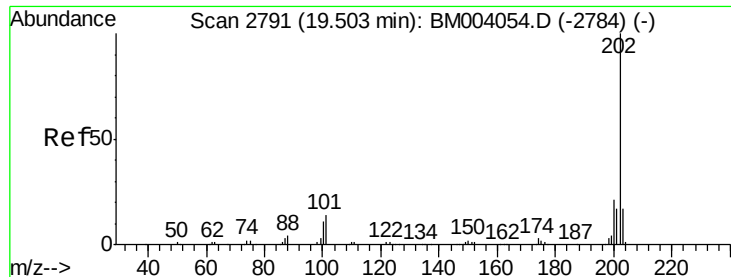


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





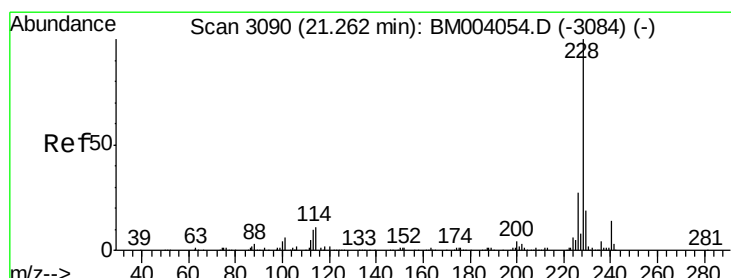
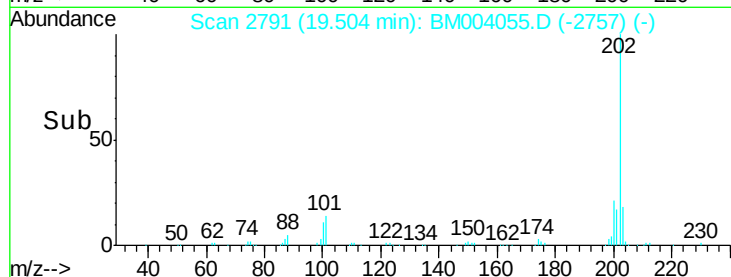
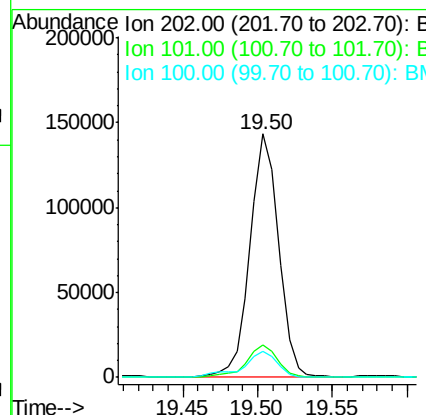
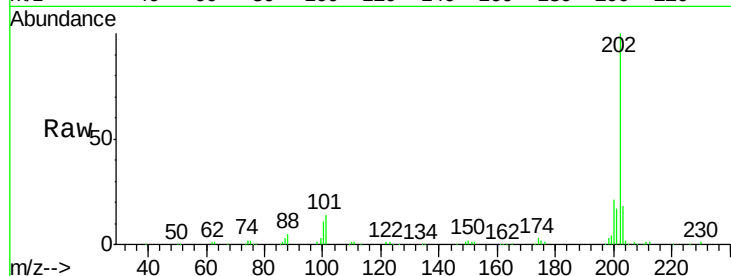
#80
 Pyrene
 Concen: 14.66 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004055.D
 Acq: 15 Jan 2016 19:37

Instrument :
 BNA_M
 ClientSampleId :
 BC9C9

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	190930		
101	13.6	10.2	15.2	
100	10.9	8.5	12.7	

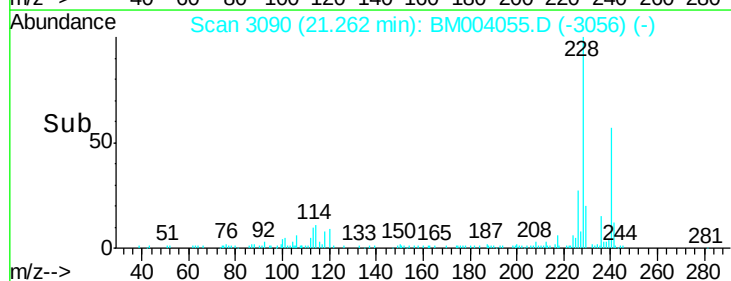
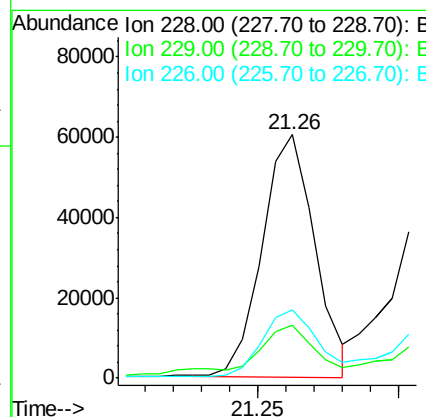
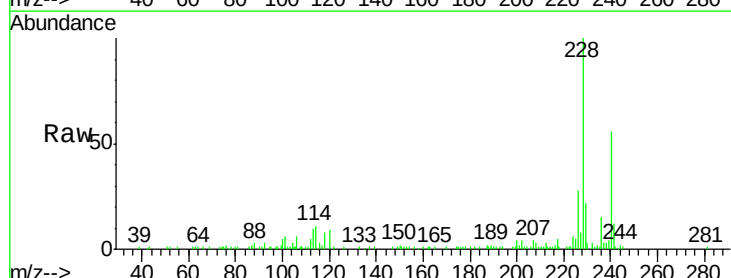
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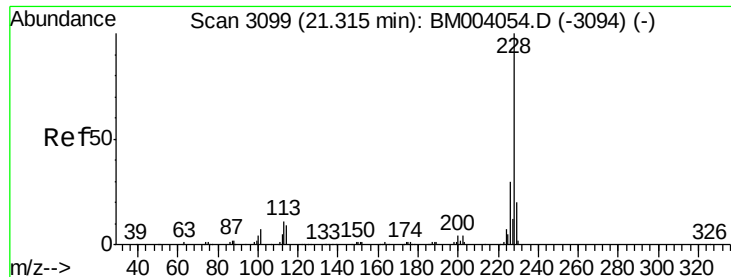
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#83
 Benzo(a)anthracene
 Concen: 6.84 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004055.D
 Acq: 15 Jan 2016 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	78173		
229	21.5	15.7	23.5	
226	28.1	21.8	32.6	





#85

Chrysene

Concen: 7.92 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM004055.D

Acq: 15 Jan 2016 19:37

Instrument :

BNA_M

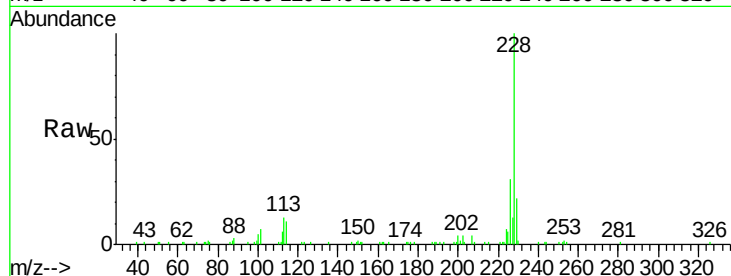
ClientSampleId :

BC9C9

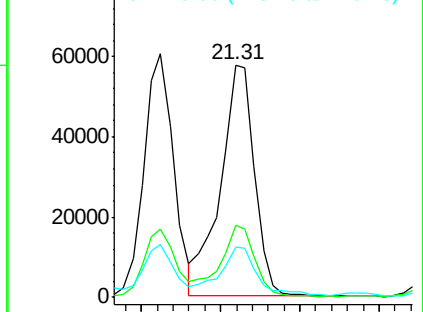
Tgt Ion:	228	Resp:	86043
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	21.6	15.6	23.4

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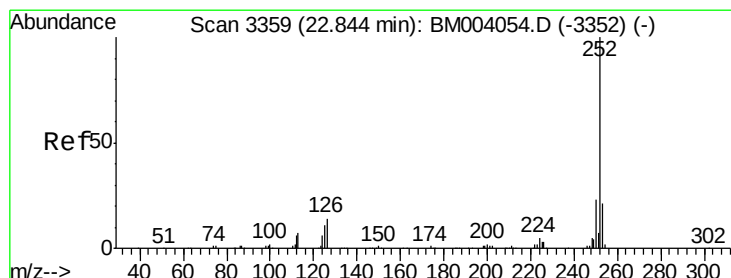
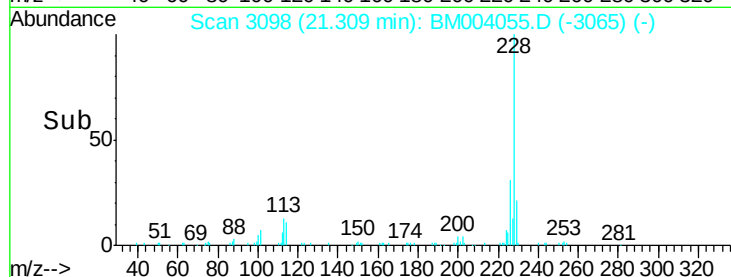
Sohil
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 7.66 ng/ul

RT: 22.84 min Scan# 3359

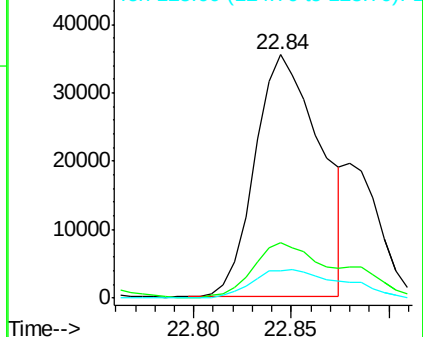
Delta R.T. 0.00 min

Lab File: BM004055.D

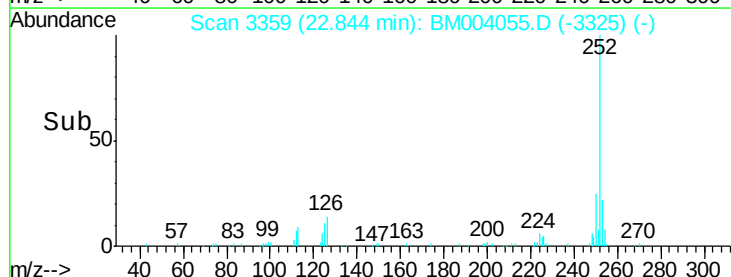
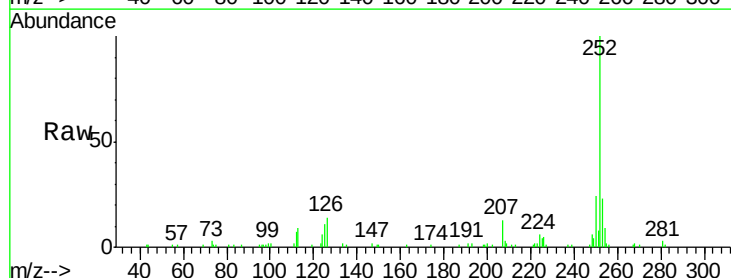
Acq: 15 Jan 2016 19:37

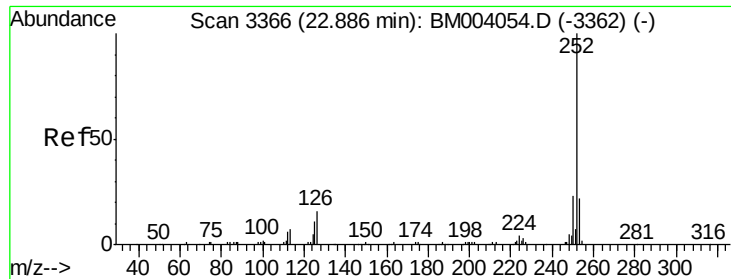
Tgt Ion:	252	Resp:	81748
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	11.3	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 2.42 ng/ul m

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM004055.D

Acq: 15 Jan 2016 19:37

Instrument :

BNA_M

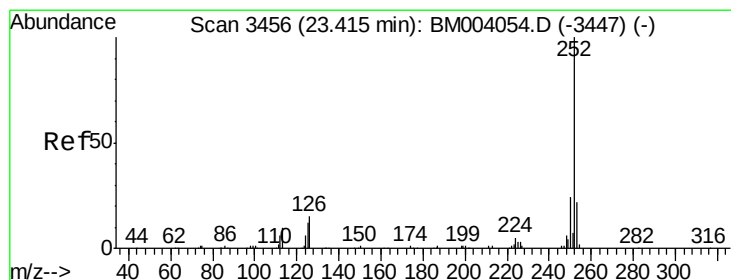
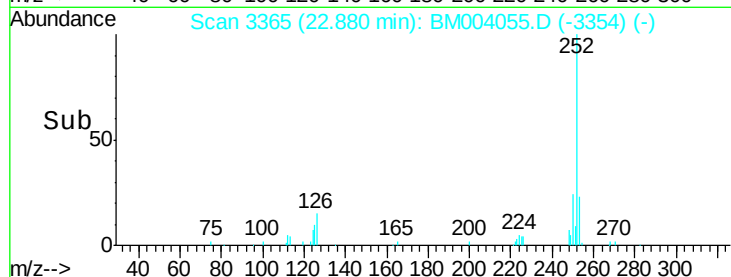
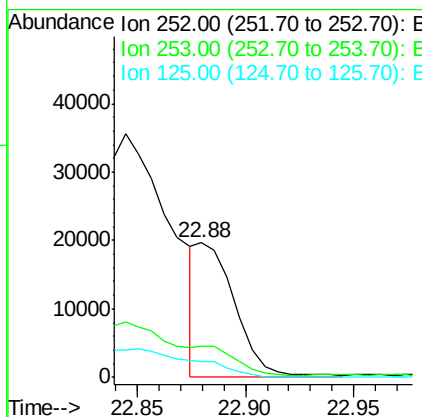
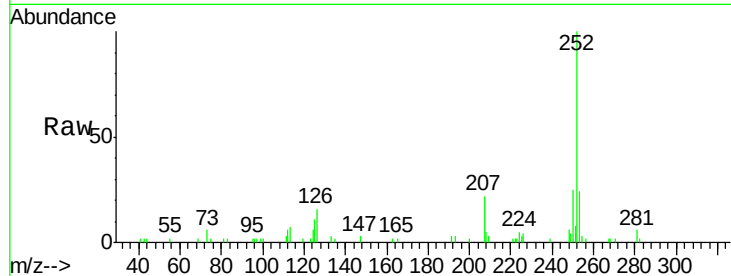
ClientSampled :

BC9C9

Tgt Ion:	252	Resp:	24604
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	11.5	8.2	12.2

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 6.45 ng/ul

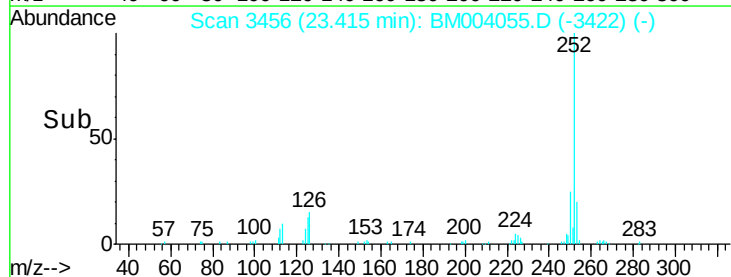
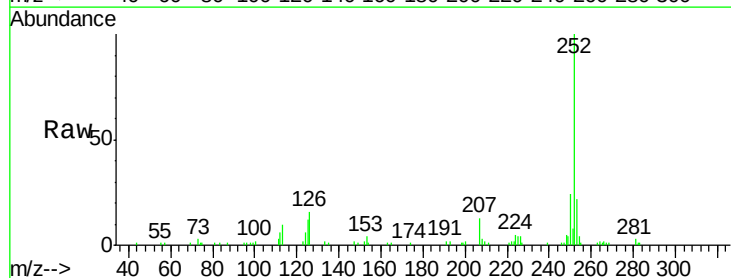
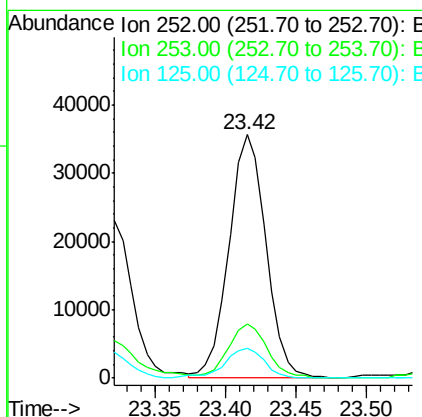
RT: 23.42 min Scan# 3456

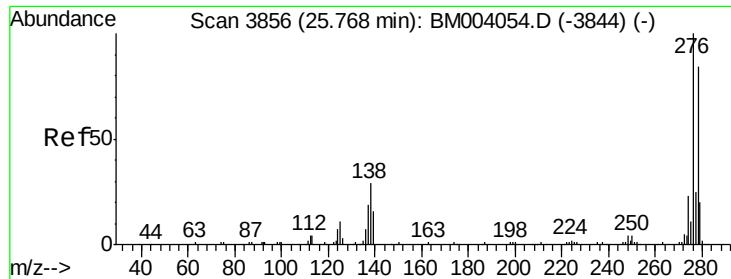
Delta R.T. 0.00 min

Lab File: BM004055.D

Acq: 15 Jan 2016 19:37

Tgt Ion:	252	Resp:	65270
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	12.5	9.0	13.6





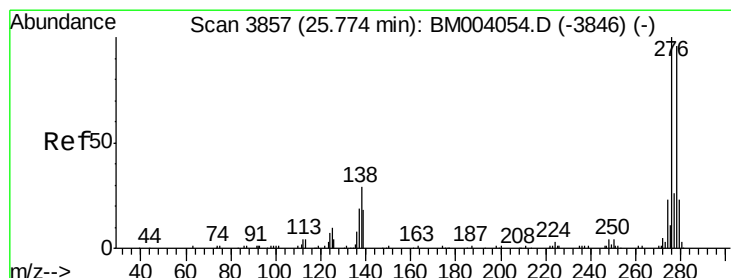
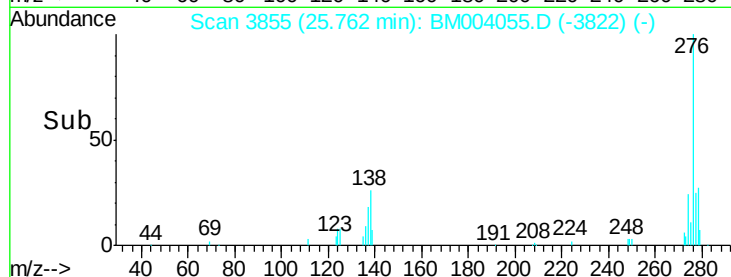
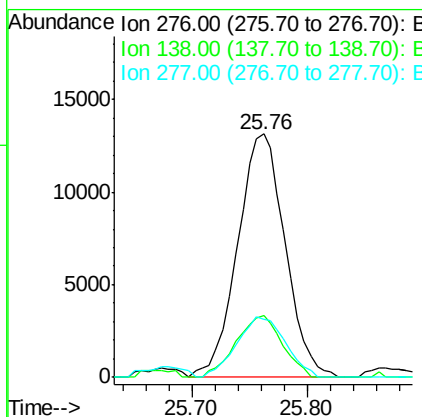
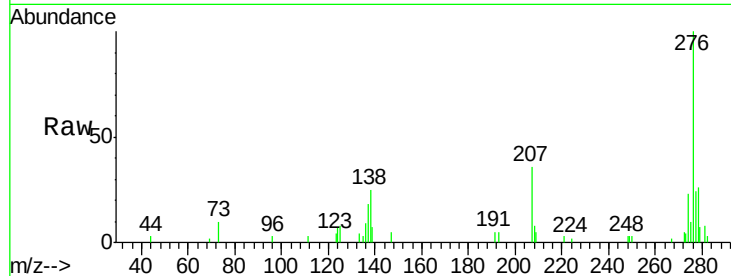
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.35 ng/ul
 RT: 25.76 min Scan# 3855
 Delta R.T. -0.01 min
 Lab File: BM004055.D
 Acq: 15 Jan 2016 19:37

Instrument :
 BNA_M
 ClientSampleId :
 BC9C9

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	37524		
138	25.4	22.3	33.5	
277	23.9	20.2	30.2	

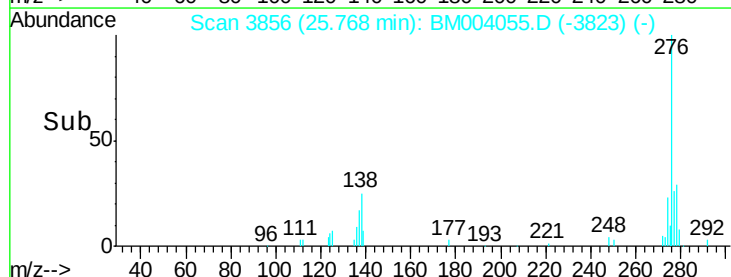
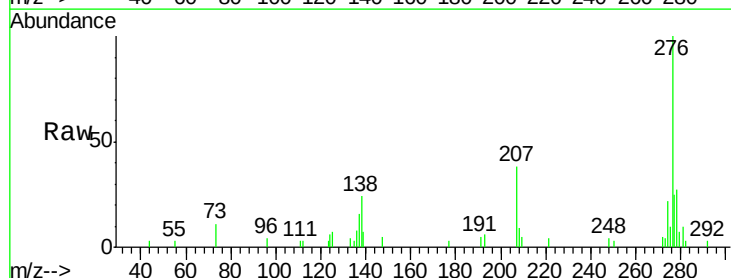
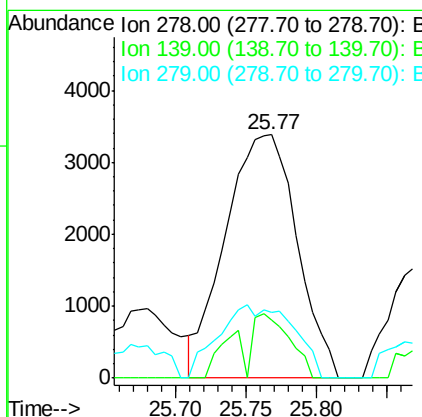
Manual Integrations
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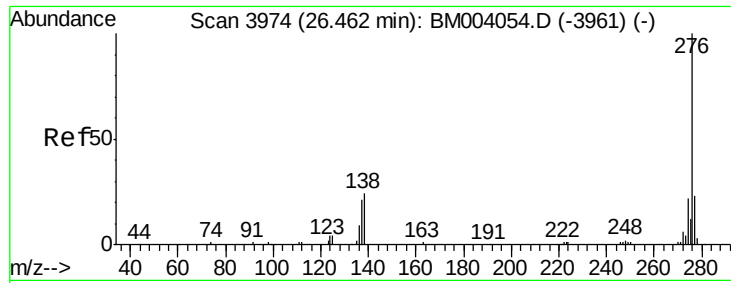
Sohil
 1/16/2016 5:01:23 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.28 ng/ul
 RT: 25.77 min Scan# 3856
 Delta R.T. -0.01 min
 Lab File: BM004055.D
 Acq: 15 Jan 2016 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	12014		
139	23.8	13.9	20.9#	
279	26.9	19.0	28.4	





#94

Benzo(g,h,i)perylene

Concen: 3.27 ng/ul

RT: 26.46 min Scan# 3973

Delta R.T. -0.01 min

Lab File: BM004055.D

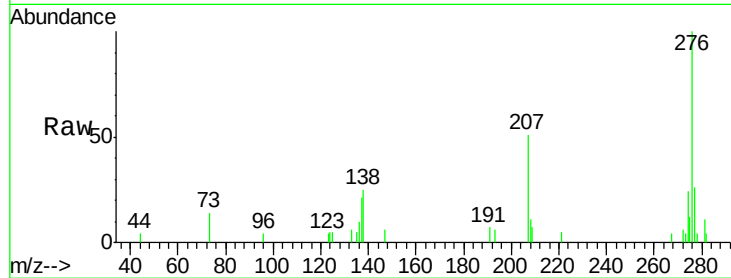
Acq: 15 Jan 2016 19:37

Instrument :

BNA_M

ClientSampleId :

BC9C9



Tgt Ion:	276	Resp:	30758
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.9	28.3
277	25.6	19.2	28.8

Manual Integrations
APPROVED

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1/16/2016 5:01:23 AM

