

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004032.D
 Acq On : 15 Jan 2016 03:41
 Operator : SJ/UM
 Sample : H1099-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9E4

Manual Integrations
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mohammad
 1/15/2016 3:03:23 PM

Quant Time: Jan 15 13:37:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	46236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	221777	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	131460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	288826	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	243045	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	219266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2873	2.78	ng/uL	0.00
5) Phenol-d5	6.85	99	76758	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	43227	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	64535	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	58337	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	31774	19.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	35046	19.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	62722	19.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	45325	10.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	209577	20.31	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	259777	20.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	29784	16.07	ng/ul	0.00
58) Fluorene-d10	15.32	176	185199	21.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	17254	10.59	ng/ul	0.00
71) Anthracene-d10	17.17	188	280480	21.00	ng/ul	0.00
79) Pyrene-d10	19.47	212	282729	22.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	234408	21.41	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.78	163	93015	8.84	ng/ul	100
48) Acenaphthylene	14.04	152	14365	1.04	ng/ul	97
70) Phenanthrene	17.12	178	173245	10.67	ng/ul	99
72) Anthracene	17.20	178	35085	2.11	ng/ul	98
77) Fluoranthene	19.14	202	341184	20.22	ng/ul	99
80) Pyrene	19.50	202	353244	21.41	ng/ul	99
83) Benzo(a)anthracene	21.26	228	148414	10.25	ng/ul	97
85) Chrysene	21.31	228	162741	11.83	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	184963	13.88	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	47917m	3.78	ng/ul	
91) Benzo(a)pyrene	23.41	252	130331	10.31	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	82456	5.90	ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	22844	1.94	ng/ul#	81
94) Benzo(g,h,i)perylene	26.45	276	82921	7.06	ng/ul	98

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

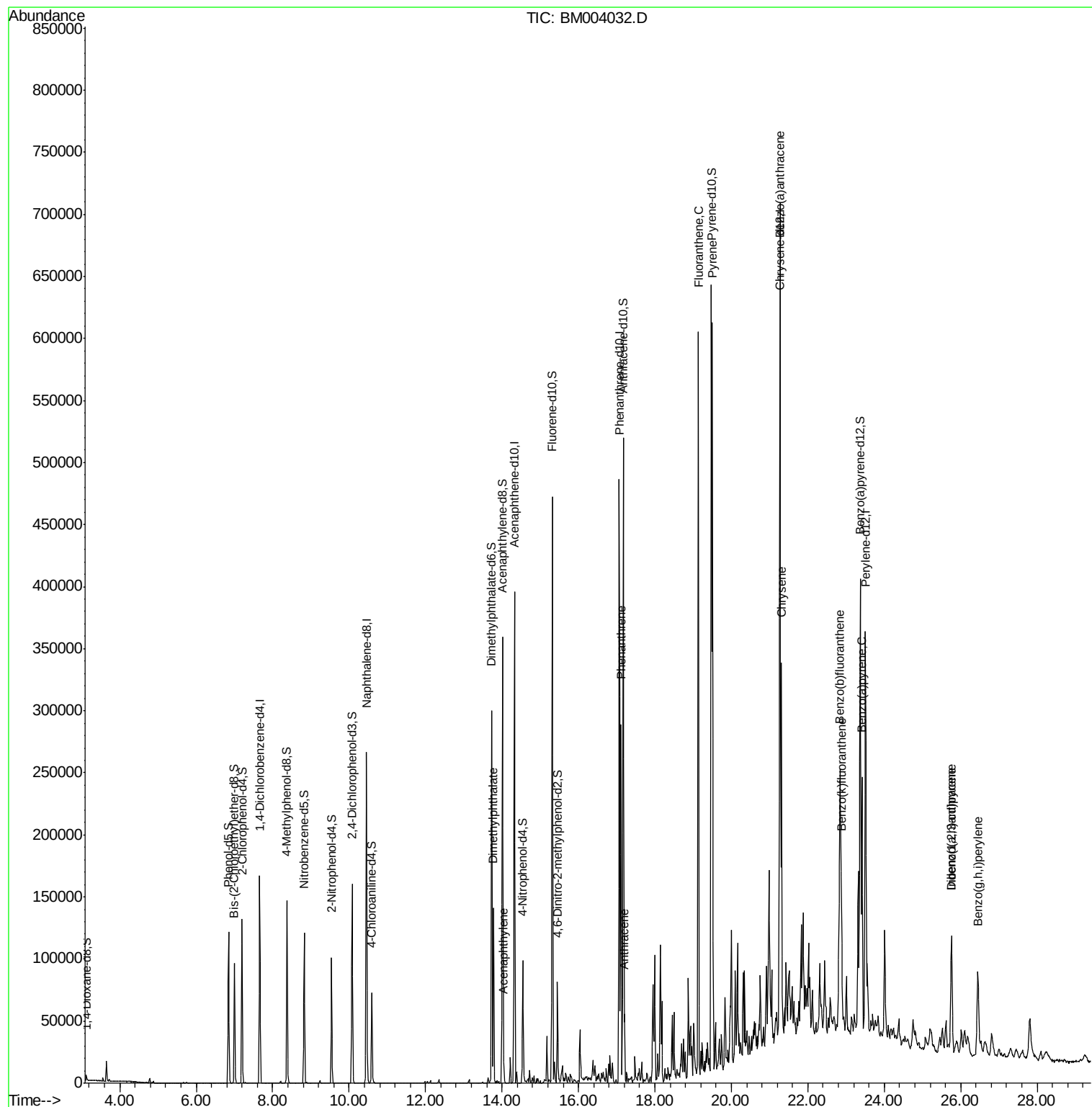
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004032.D
Acq On : 15 Jan 2016 03:41
Operator : SJ/UM
Sample : H1099-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

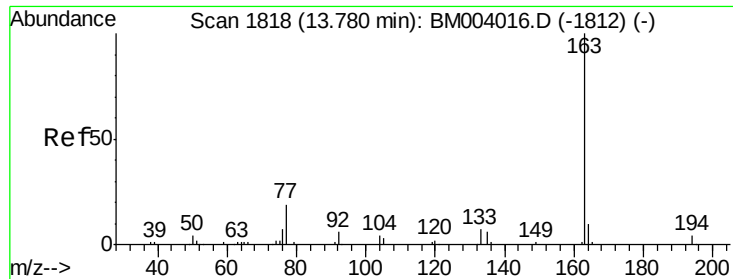
Instrument :
BNA_M
ClientSampleId :
BC9E4

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Quant Time: Jan 15 13:37:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 8.84 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM004032.D

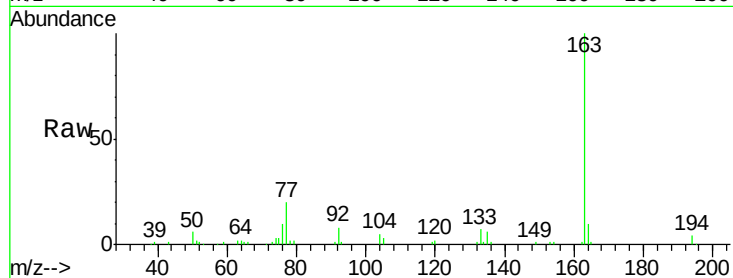
Acq: 15 Jan 2016 03:41

Instrument :

BNA_M

ClientSampleId :

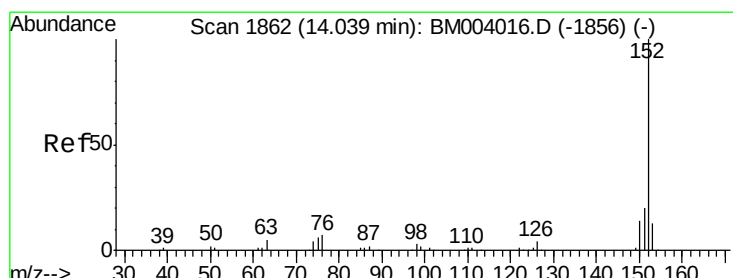
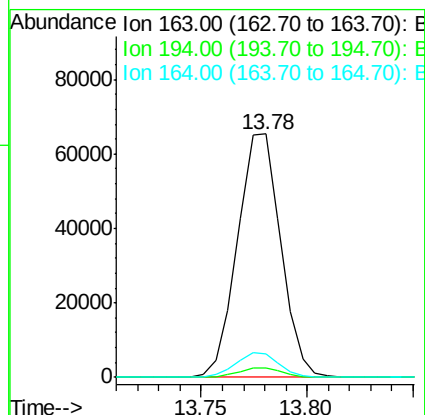
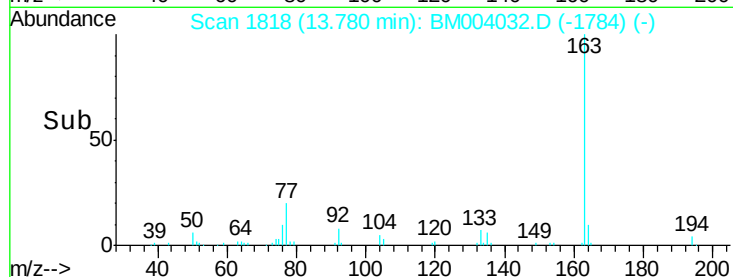
BC9E4



Tgt Ion:	163	Resp:	93015
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.8	7.8	11.8

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#48

Acenaphthylene

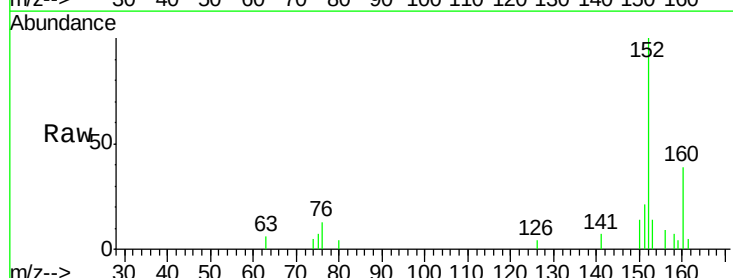
Concen: 1.04 ng/ul

RT: 14.04 min Scan# 1862

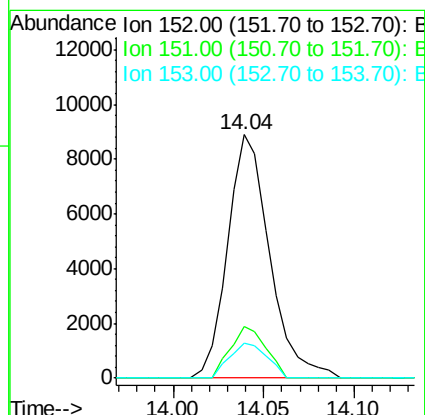
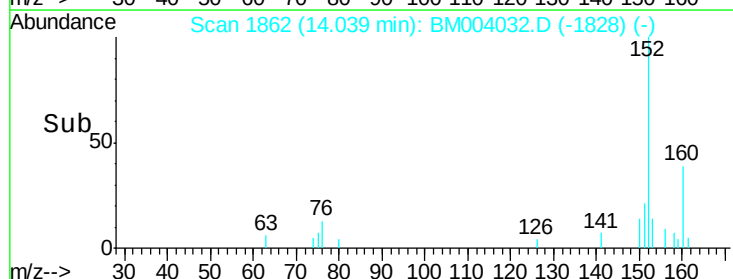
Delta R.T. 0.00 min

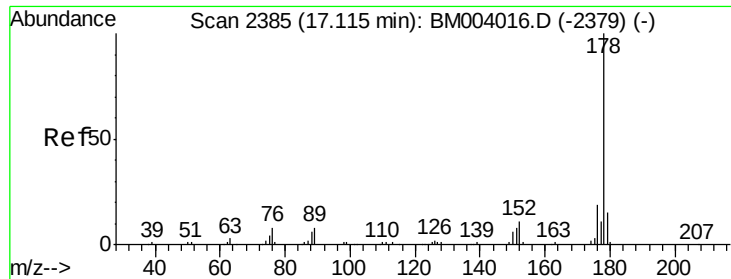
Lab File: BM004032.D

Acq: 15 Jan 2016 03:41



Tgt Ion:	152	Resp:	14365
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.7	23.5
153	14.2	10.5	15.7





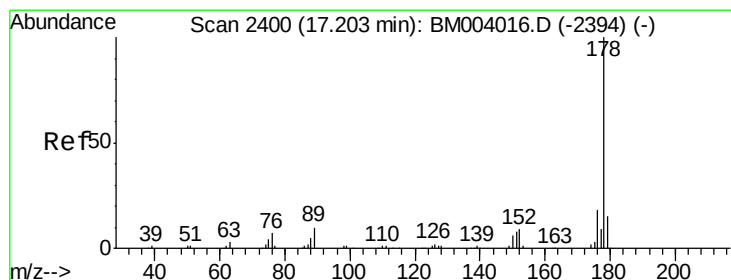
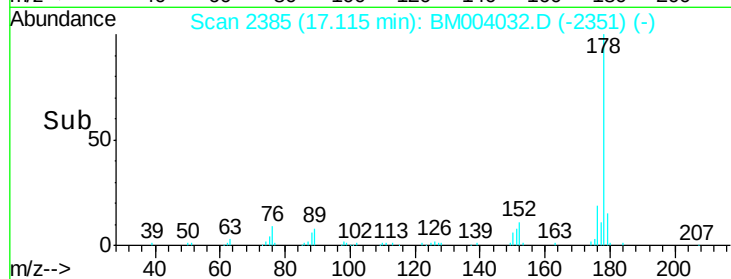
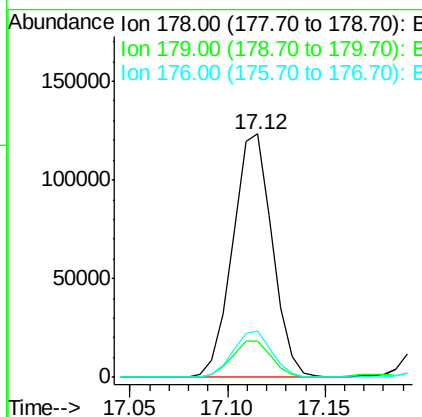
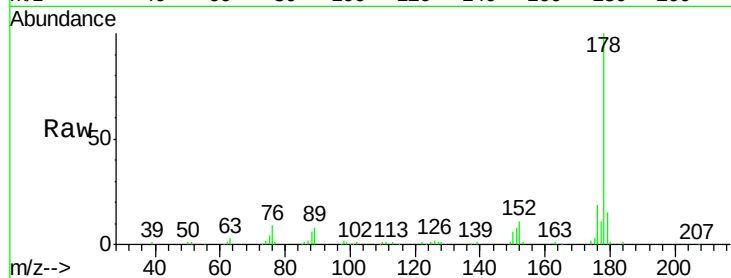
#70
 Phenanthrene
 Concen: 10.67 ng/ul
 RT: 17.12 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BM004032.D
 Acq: 15 Jan 2016 03:41

Instrument :
 BNA_M
 ClientSampleId :
 BC9E4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	19.0	15.6	23.4

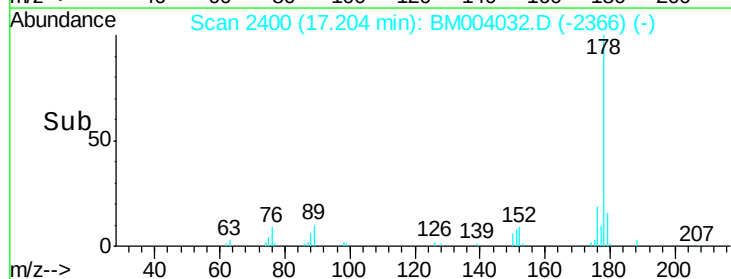
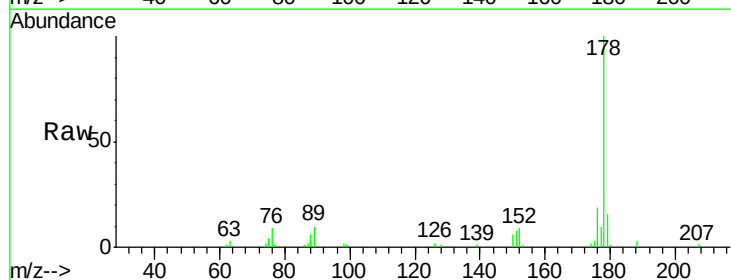
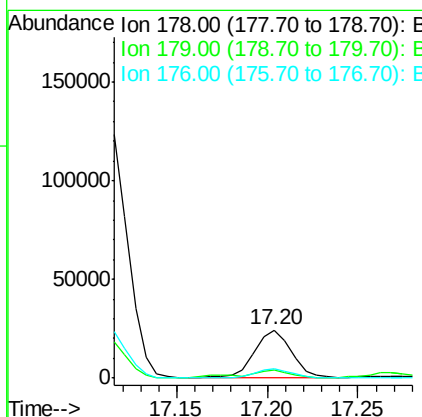
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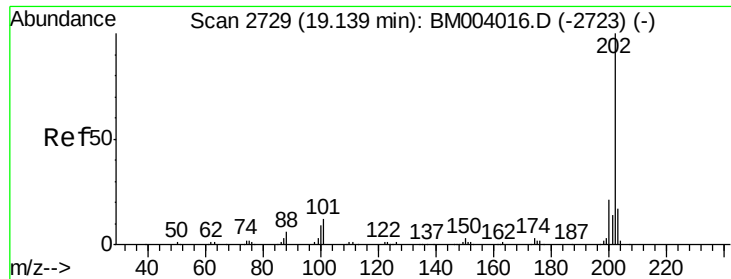
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#72
 Anthracene
 Concen: 2.11 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM004032.D
 Acq: 15 Jan 2016 03:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	19.1	14.8	22.2





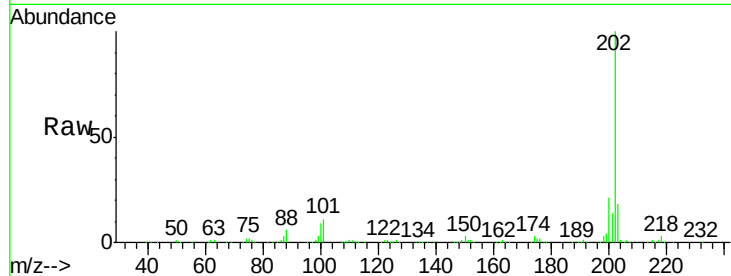
#77
 Fluoranthene
 Concen: 20.22 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004032.D
 Acq: 15 Jan 2016 03:41

Instrument :
 BNA_M
 ClientSampleId :
 BC9E4

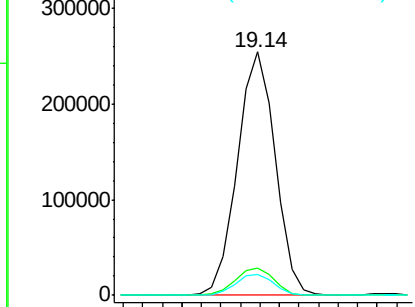
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	341184		
101	11.3	8.8	13.2	
100	8.5	6.6	9.8	

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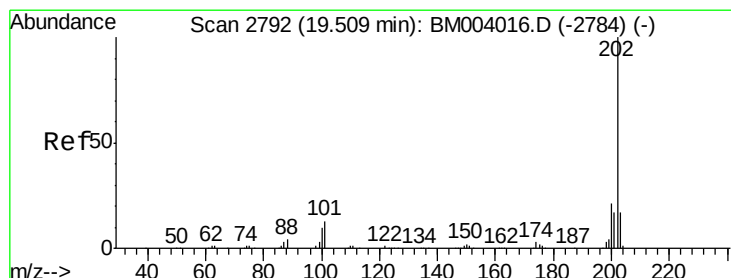
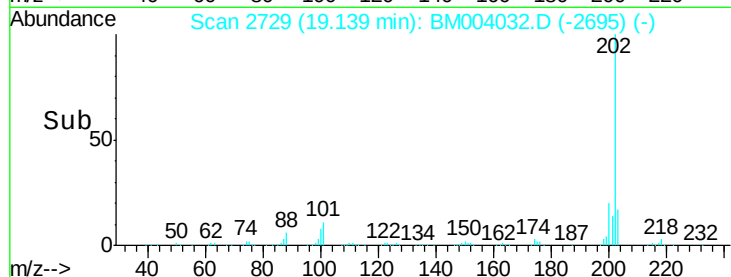
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

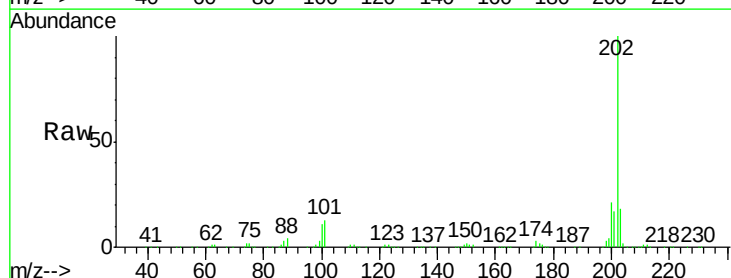


Time-->

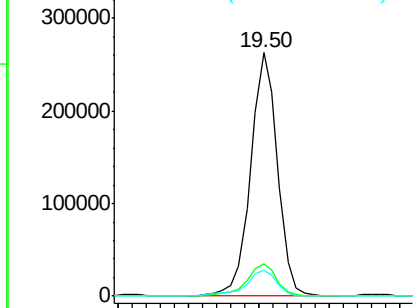


#80
 Pyrene
 Concen: 21.41 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004032.D
 Acq: 15 Jan 2016 03:41

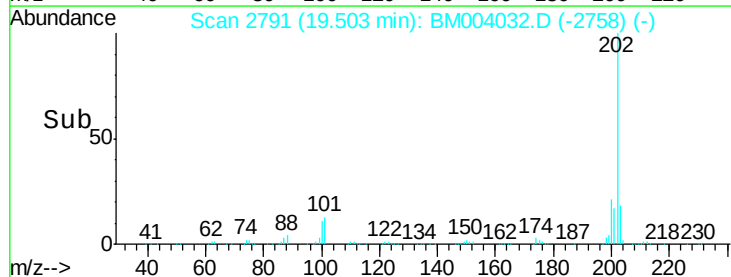
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	353244		
101	13.3	10.2	15.2	
100	10.8	8.5	12.7	

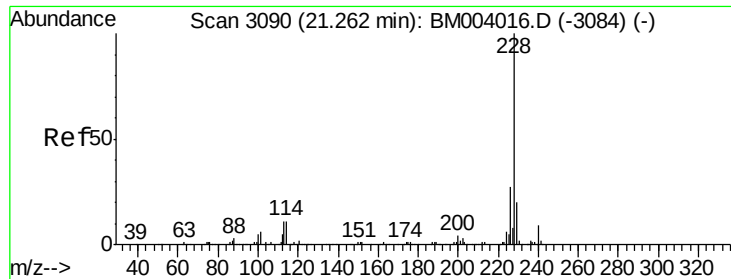


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->





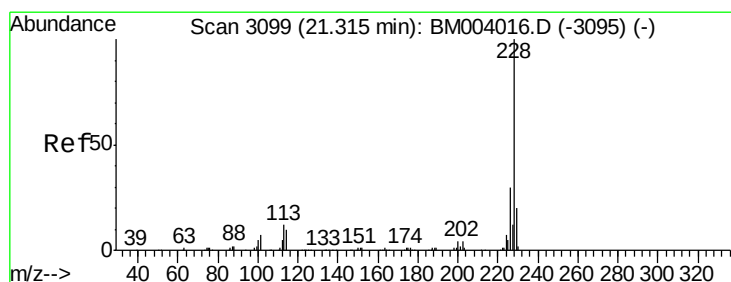
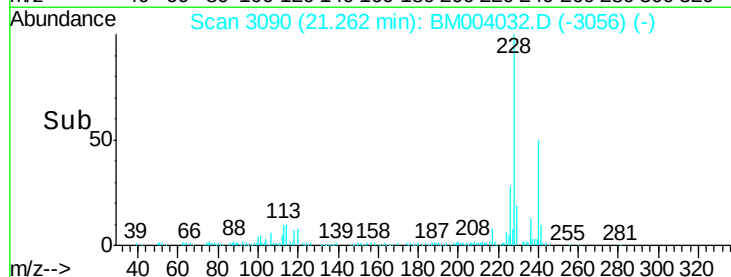
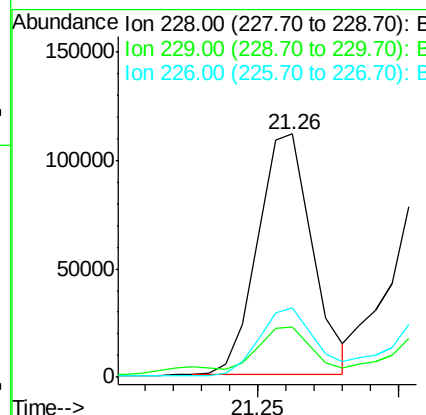
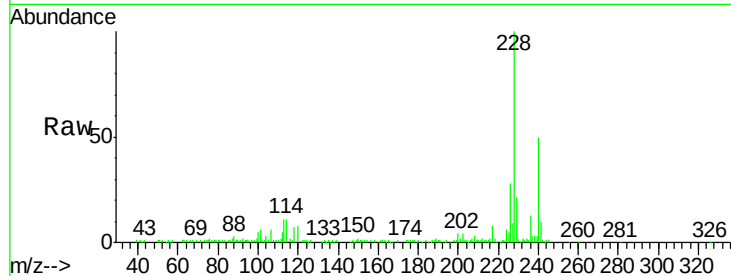
#83
Benzo(a)anthracene
Concen: 10.25 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004032.D
Acq: 15 Jan 2016 03:41

Instrument :
BNA_M
ClientSampled :
BC9E4

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.5	21.8	32.6

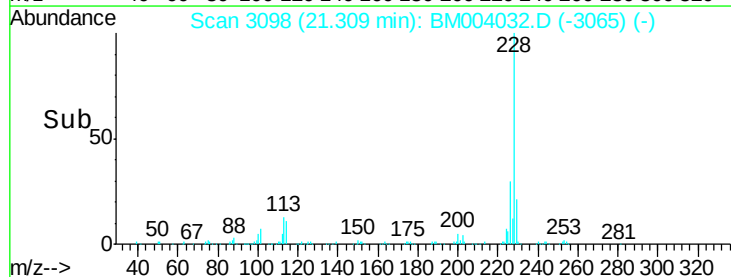
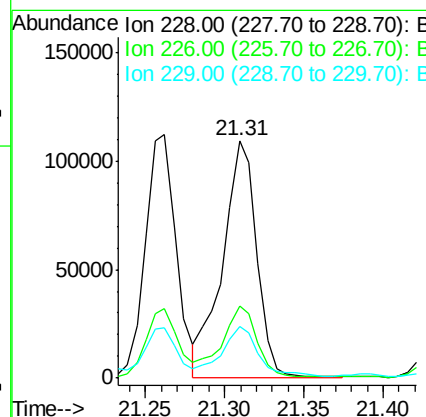
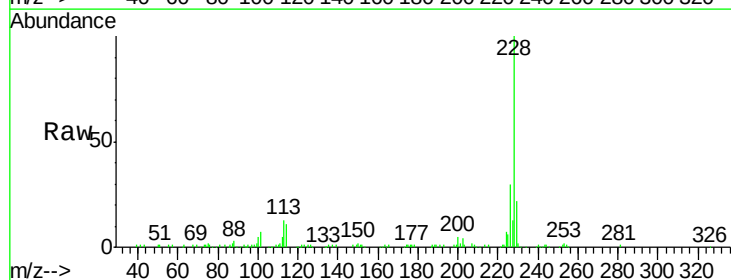
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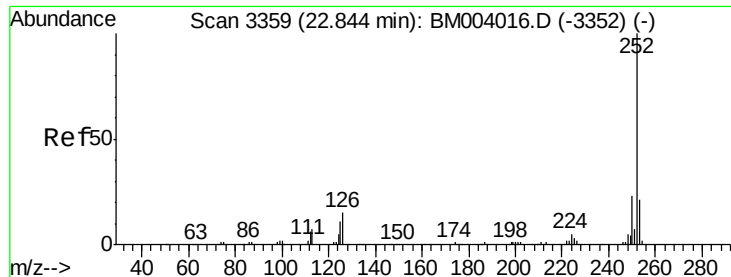
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#85
Chrysene
Concen: 11.83 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004032.D
Acq: 15 Jan 2016 03:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	21.8	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 13.88 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM004032.D

Acq: 15 Jan 2016 03:41

Instrument :

BNA_M

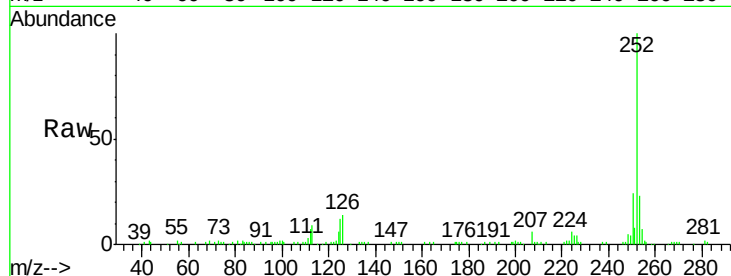
ClientSampled :

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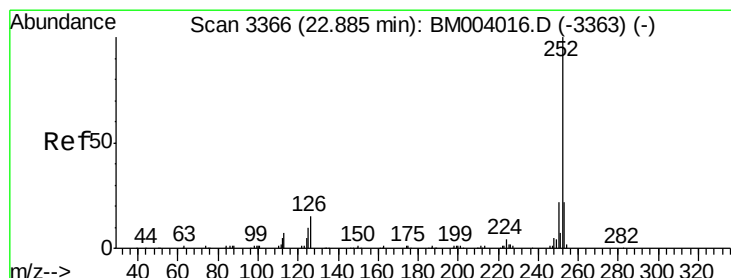
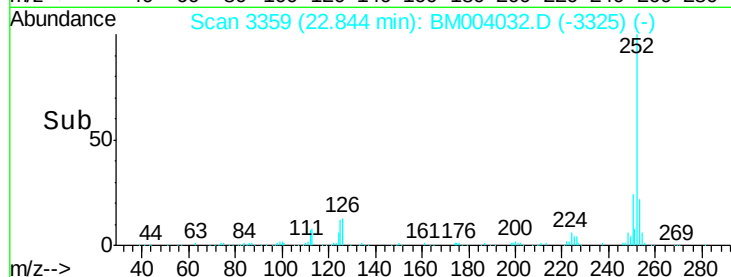
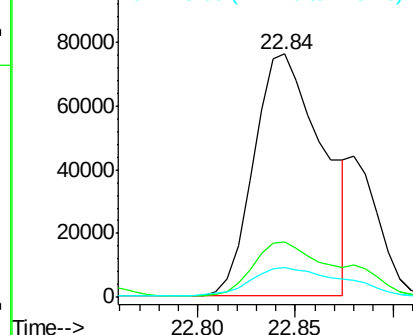
Tgt Ion:	252	Resp:	184963
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.5	8.5	12.7

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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



#89

Benzo(k)fluoranthene

Concen: 3.78 ng/ul m

RT: 22.88 min Scan# 3365

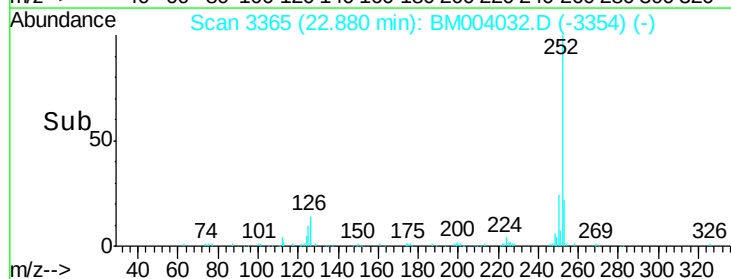
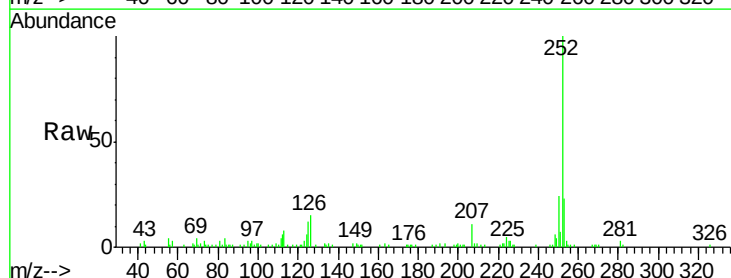
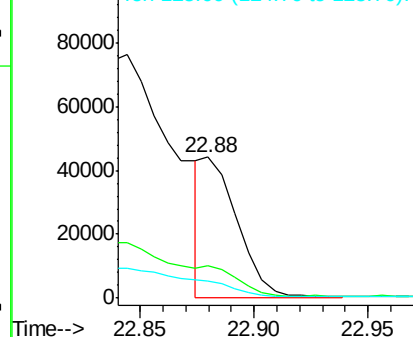
Delta R.T. -0.01 min

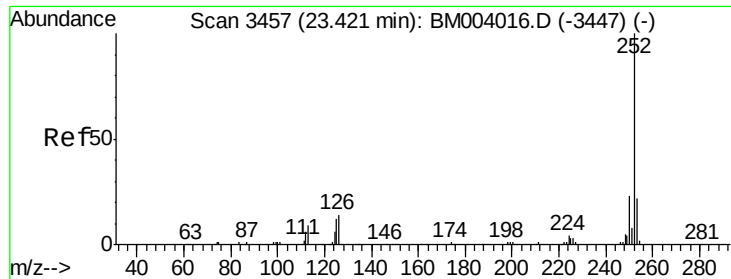
Lab File: BM004032.D

Acq: 15 Jan 2016 03:41

Tgt Ion:	252	Resp:	47917
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.3	25.9
125	12.4	8.2	12.2#

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





#91

Benzo(a)pyrene

Concen: 10.31 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM004032.D

Acq: 15 Jan 2016 03:41

Instrument :

BNA_M

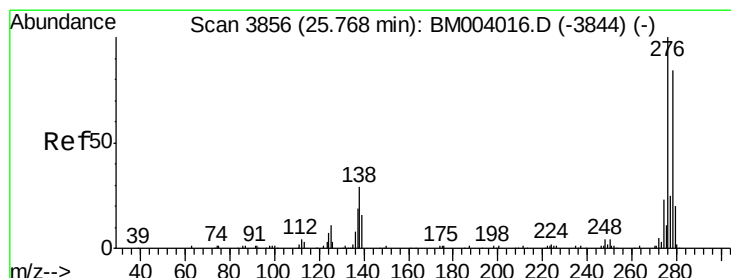
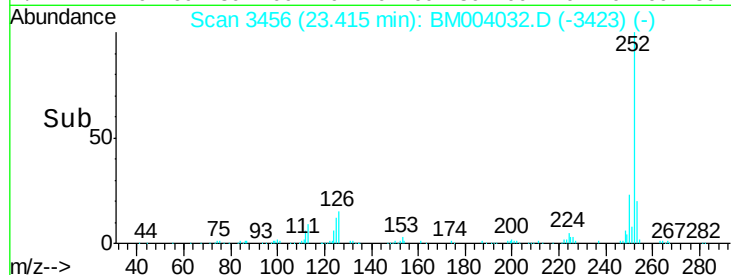
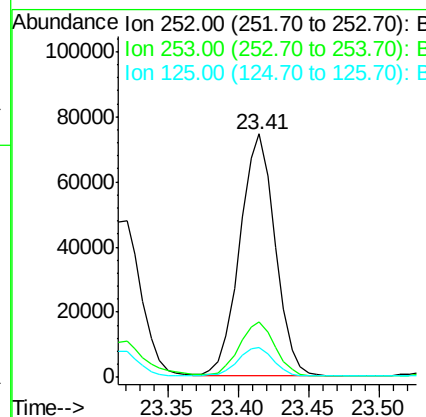
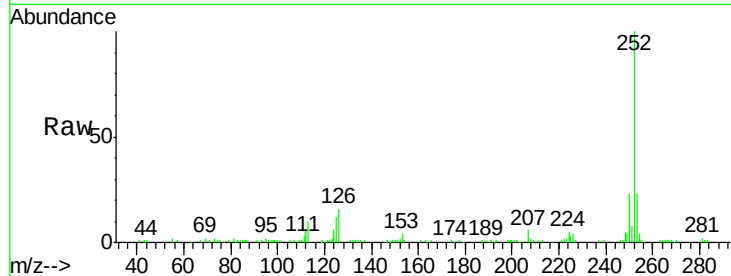
ClientSampled :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	130331		
253	22.5	17.2	25.8	
125	12.3	9.0	13.6	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 5.90 ng/ul

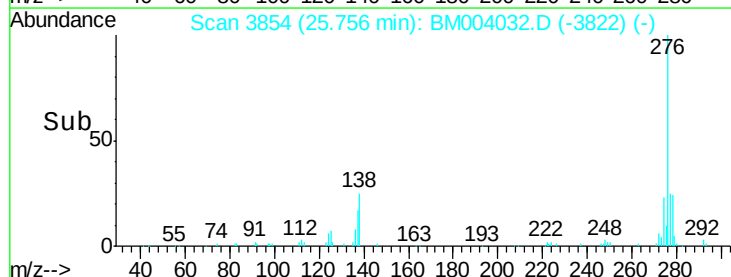
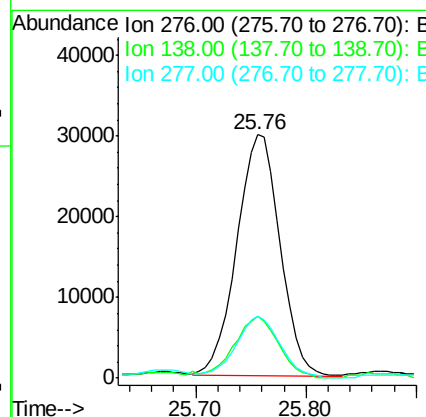
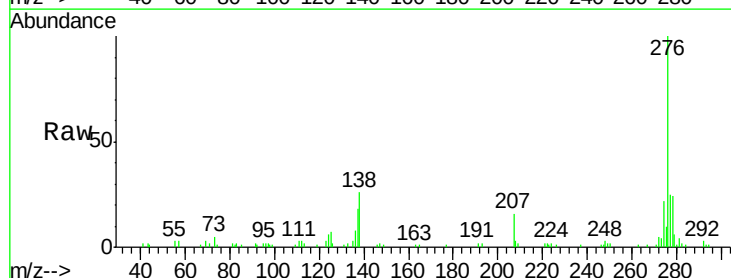
RT: 25.76 min Scan# 3854

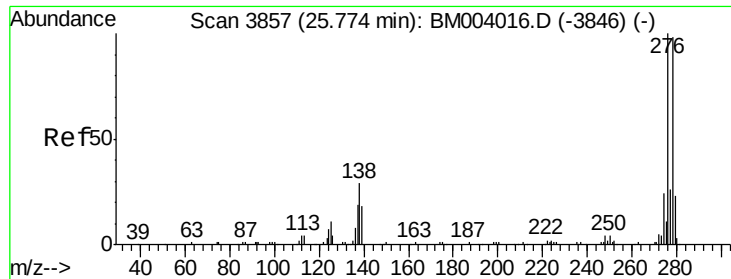
Delta R.T. -0.01 min

Lab File: BM004032.D

Acq: 15 Jan 2016 03:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	82456		
138	25.6	22.3	33.5	
277	25.3	20.2	30.2	





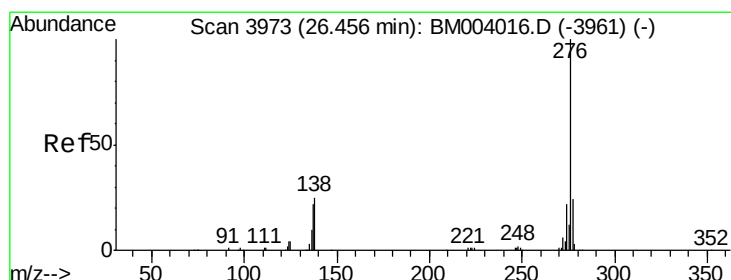
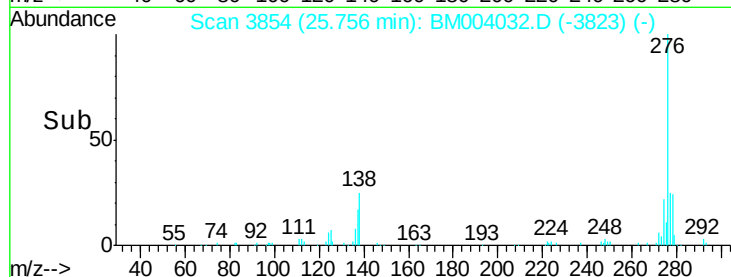
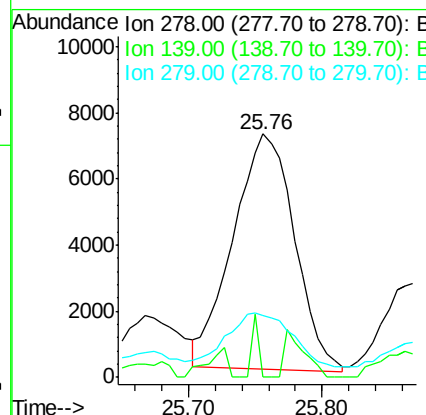
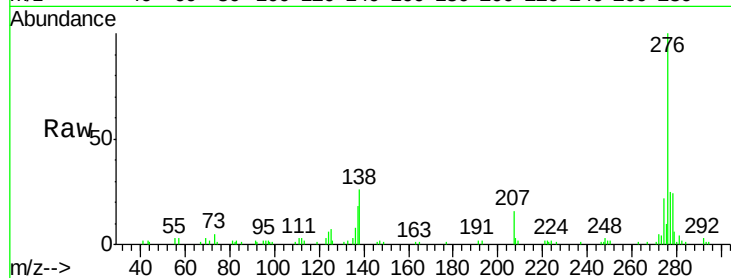
#93
Dibenzo(a,h)anthracene
Concen: 1.94 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM004032.D
Acq: 15 Jan 2016 03:41

Instrument :
BNA_M
ClientSampleId :
BC9E4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
1/15/2016 3:03:23 PM



#94
Benzo(g,h,i)perylene
Concen: 7.06 ng/ul
RT: 26.45 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM004032.D
Acq: 15 Jan 2016 03:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.9	28.3
277	23.6	19.2	28.8

