

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004211.D
 Acq On : 08 Feb 2016 22:22
 Operator : SJ/IZ
 Sample : H1340-11DL 25X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C04K1DL

Manual Integrations
 APPROVED

Sohil
 2/9/2016 3:30:59 PM

Quant Time: Feb 09 02:16:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 01:37:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	26236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	131356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	81495	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	190118	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	225146	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	209187	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	2264	0.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	1319	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	2019	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	1148	0.52	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	657	0.67	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.09	165	1913	0.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	1766	0.69	ng/ul	0.02
44) Dimethylphthalate-d6	13.73	166	7941	1.13	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	9483	1.16	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.31	176	7991	1.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.16	188	12387	1.34	ng/ul	0.00
79) Pyrene-d10	19.47	212	14711	1.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	15029	1.38	ng/ul	0.00

Target Compounds

					Qvalue	
50) Acenaphthene	14.38	153	8079	1.32	ng/ul	95
70) Phenanthrene	17.11	178	83354	7.18	ng/ul	99
72) Anthracene	17.20	178	21242	1.81	ng/ul	98
77) Fluoranthene	19.14	202	176409	13.06	ng/ul	98
80) Pyrene	19.50	202	153182	11.07	ng/ul	98
83) Benzo(a)anthracene	21.26	228	95427	6.66	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	403592	45.49	ng/ul	99
85) Chrysene	21.31	228	94401	6.93	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	118337	8.86	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	41518m	3.34	ng/ul	
91) Benzo(a)pyrene	23.41	252	75866	5.88	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	43324	2.81	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.76	278	12845	1.00	ng/ul#	80
94) Benzo(g,h,i)perylene	26.44	276	30818	2.35	ng/ul	97

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

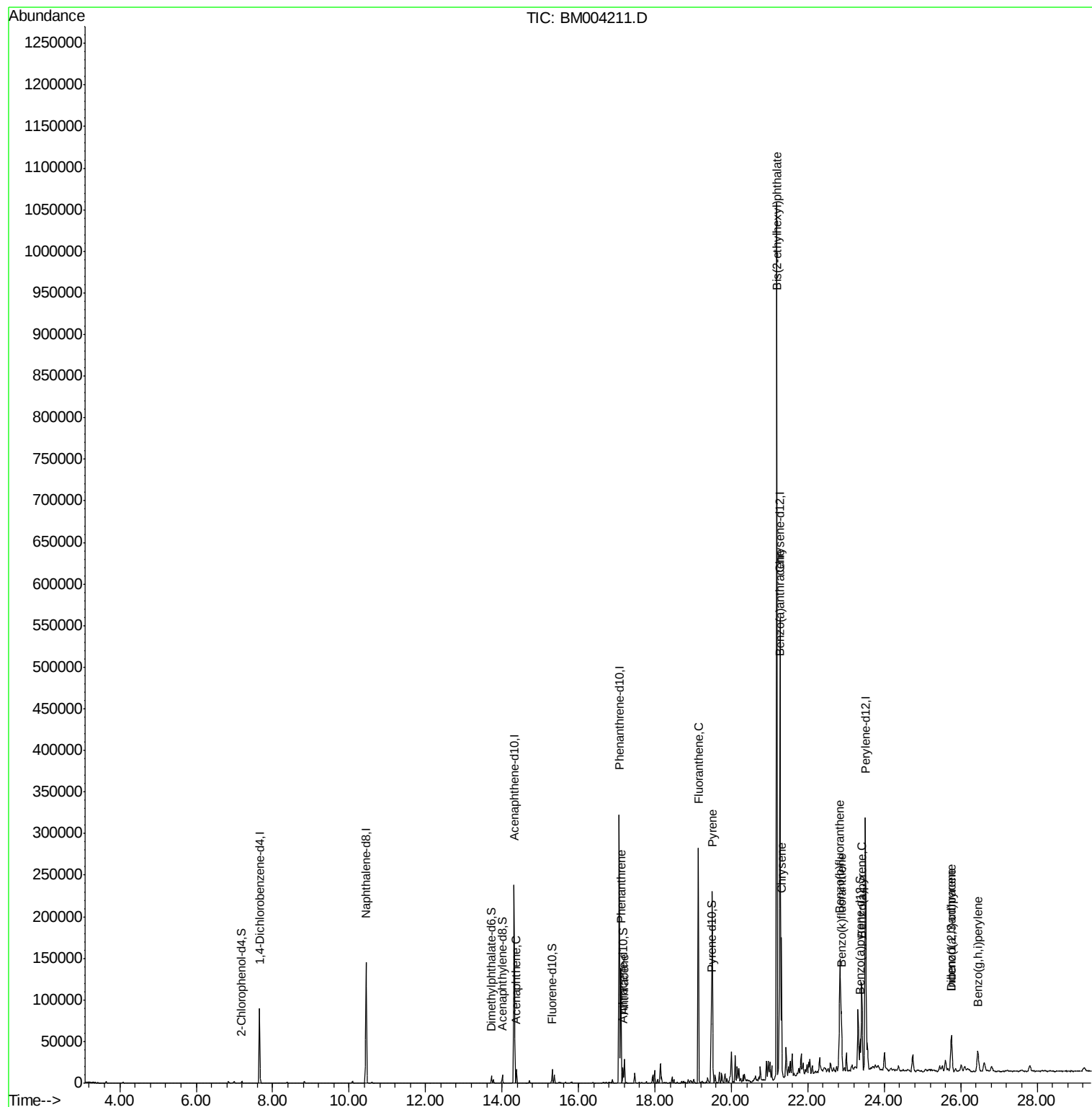
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004211.D
Acq On : 08 Feb 2016 22:22
Operator : SJ/IZ
Sample : H1340-11DL 25X
Misc :
ALS Vial : 17 Sample Multiplier: 1

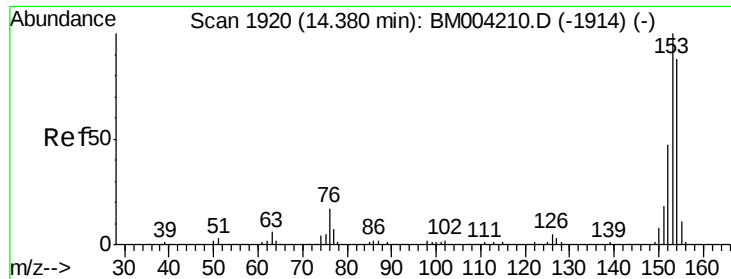
Instrument :
BNA_M
ClientSampled :
C04K1DL

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Quant Time: Feb 09 02:16:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 01:37:43 2016
Response via : Initial Calibration





#50

Acenaphthene

Concen: 1.32 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

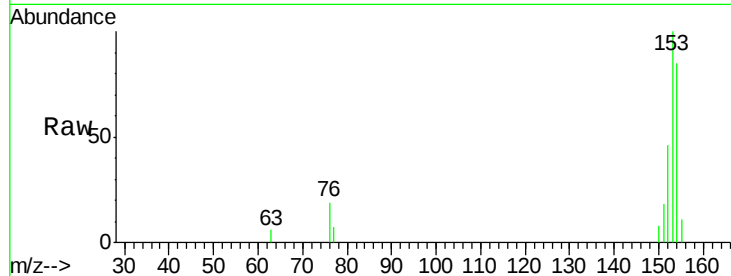
ClientSampleId :

C04K1DL

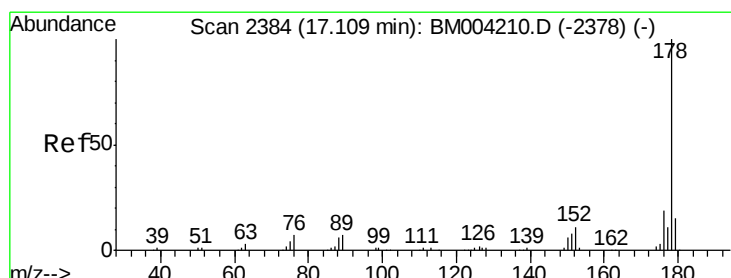
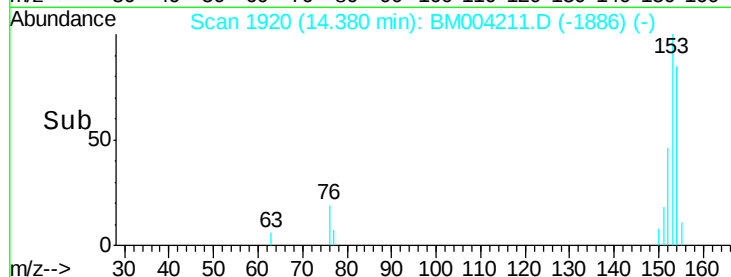
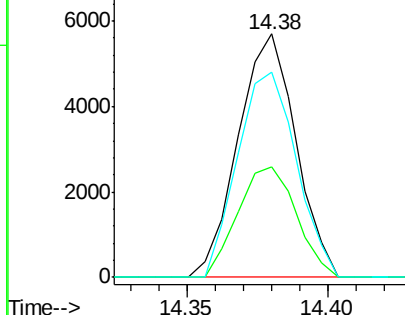
Tgt Ion:	153	Resp:	8079
Ion	Ratio	Lower	Upper
153	100		
152	45.6	38.3	57.5
154	84.5	71.8	107.8

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 7.18 ng/ul

RT: 17.11 min Scan# 2384

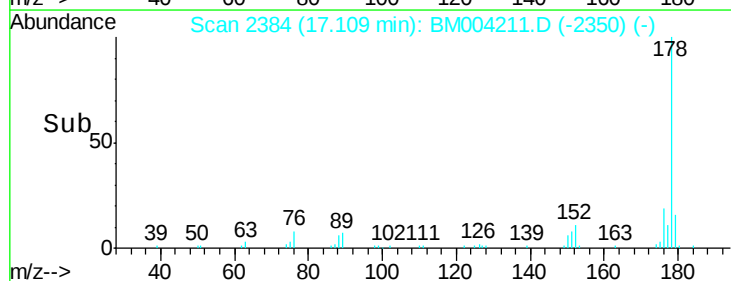
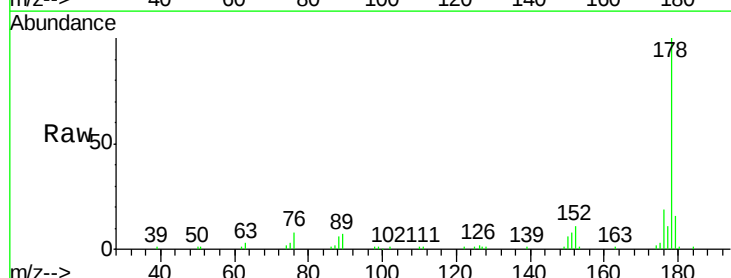
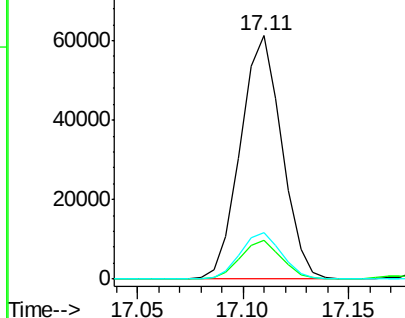
Delta R.T. 0.00 min

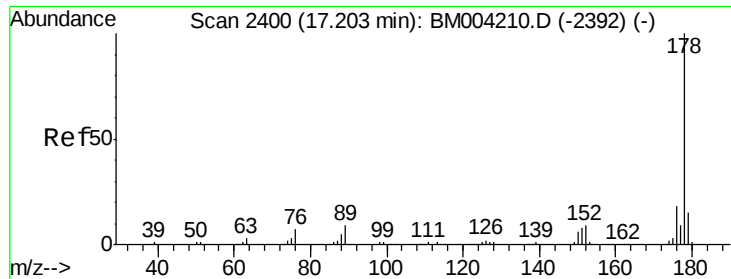
Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Tgt Ion:	178	Resp:	83354
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	19.2	15.6	23.4

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





#72

Anthracene

Concen: 1.81 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM004211.D

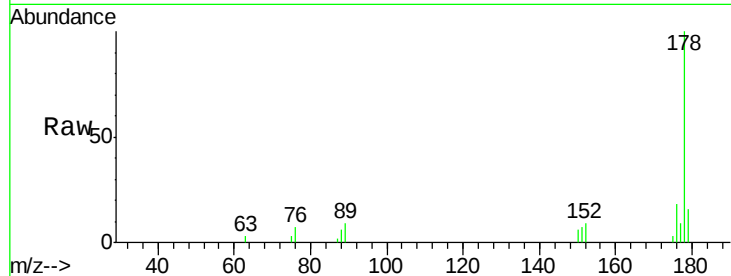
Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

ClientSampleId :

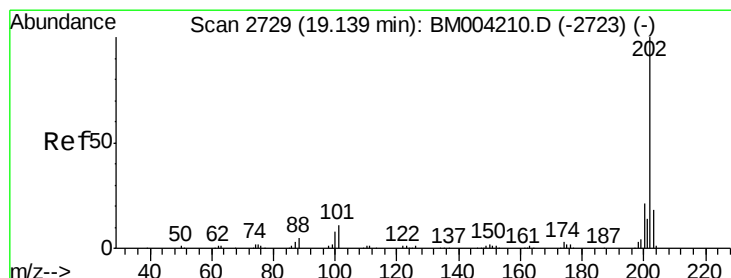
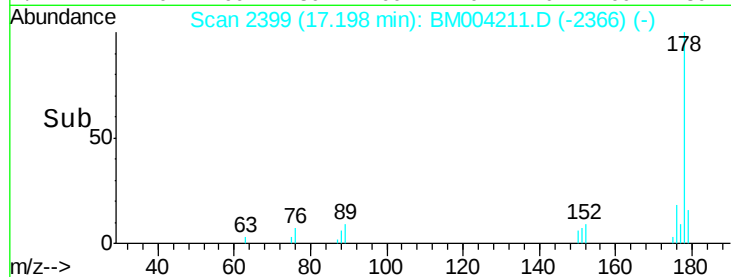
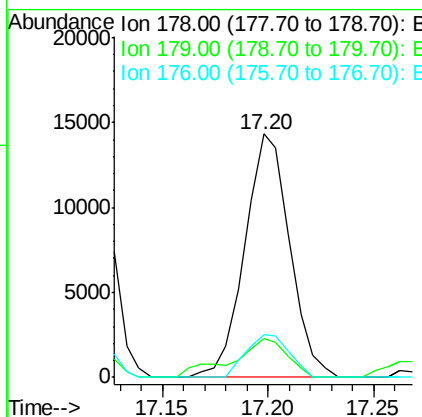
C04K1DL



Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	17.7	14.8	22.2

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#77

Fluoranthene

Concen: 13.06 ng/ul

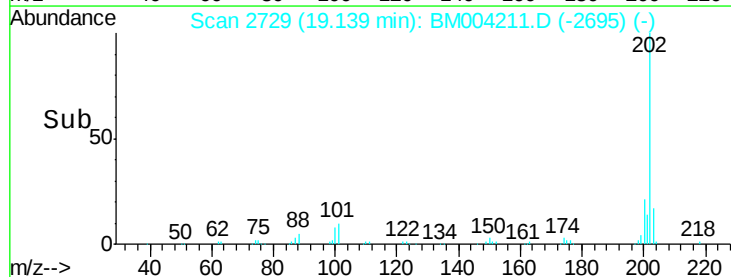
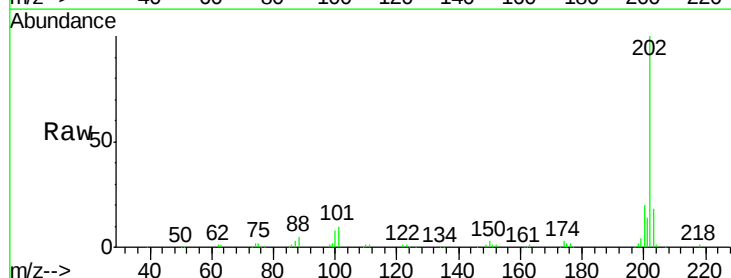
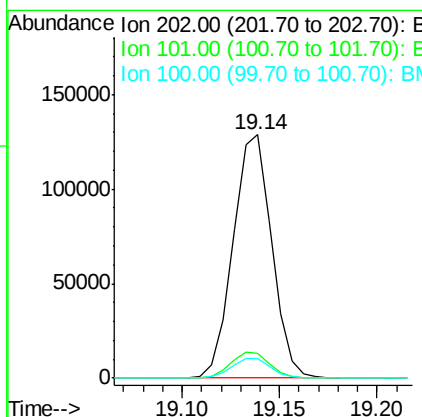
RT: 19.14 min Scan# 2729

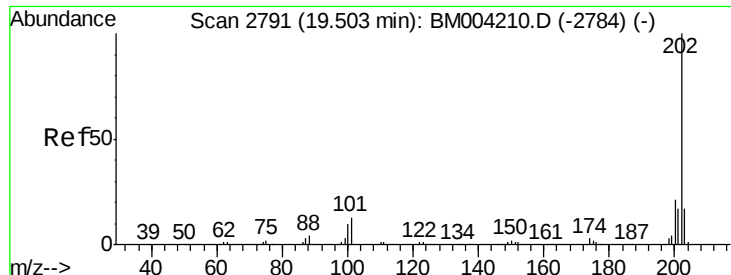
Delta R.T. 0.00 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.8	13.2
100	7.8	6.6	9.8





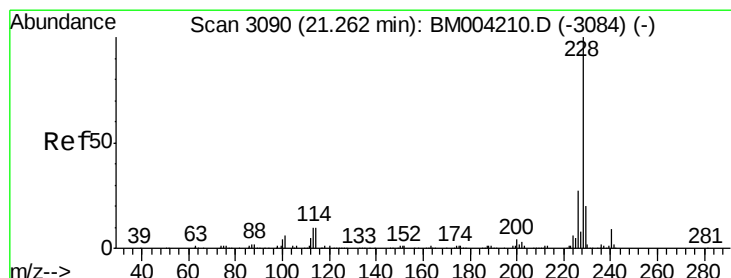
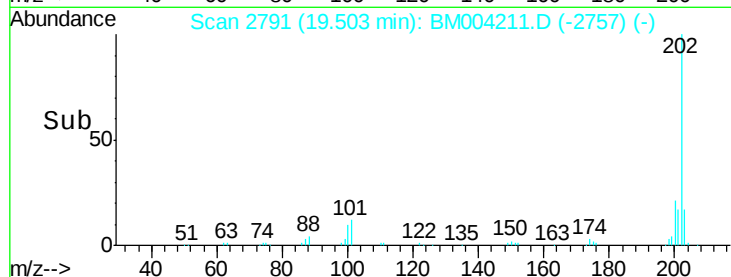
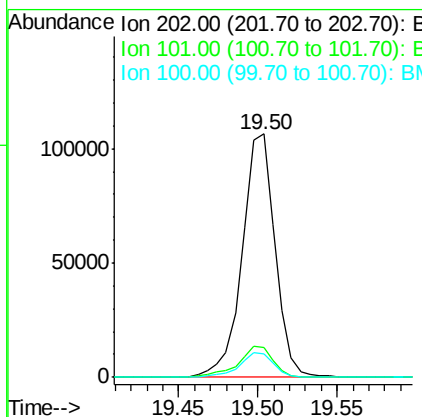
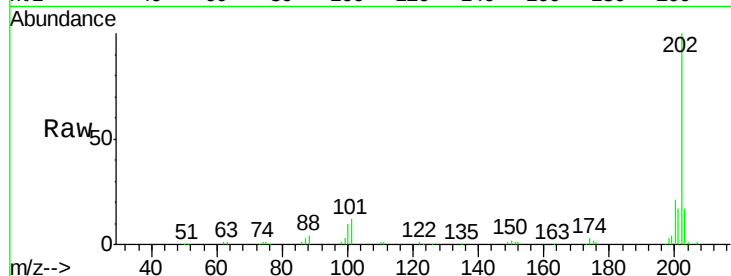
#80
 Pyrene
 Concen: 11.07 ng/u1
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

Instrument :
 BNA_M
 ClientSampleId :
 C04K1DL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		153182		
101	12.2	10.2	15.2		
100	9.8	8.5	12.7		

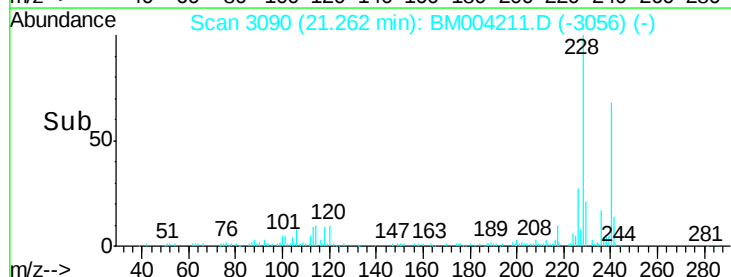
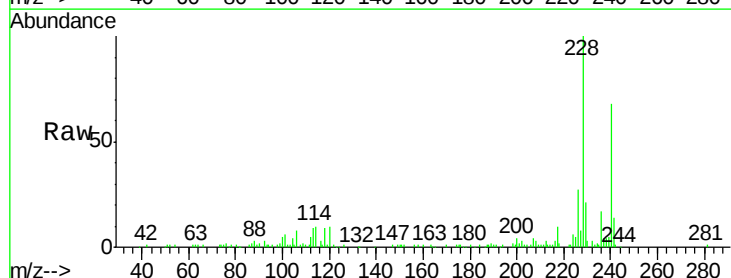
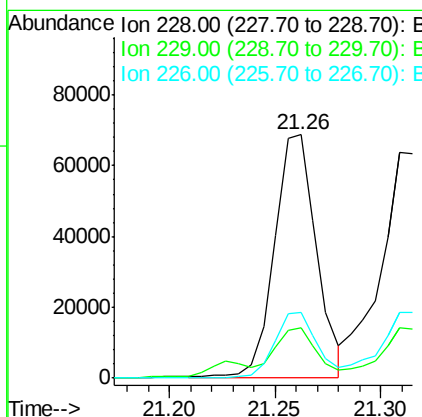
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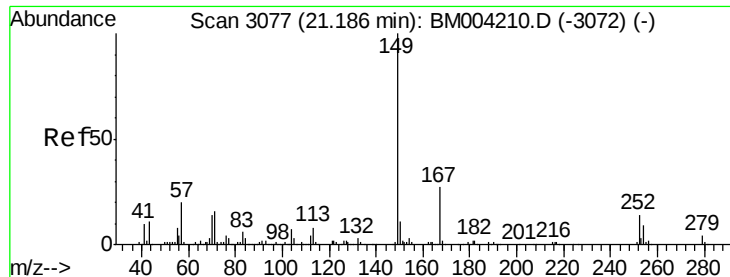
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#83
 Benzo(a)anthracene
 Concen: 6.66 ng/u1
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		95427		
229	20.7	15.7	23.5		
226	27.2	21.8	32.6		





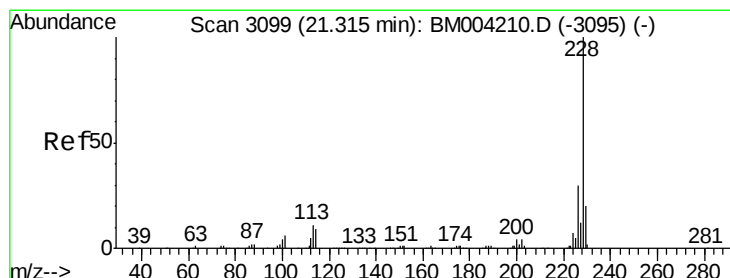
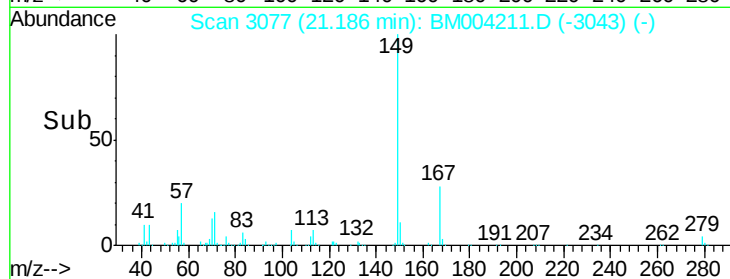
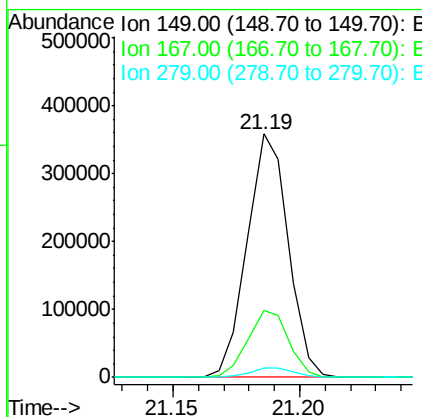
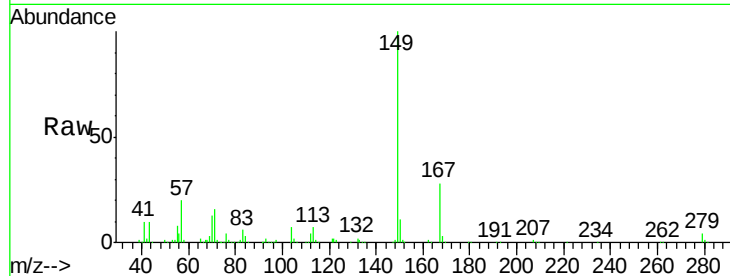
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.49 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. 0.00 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

Instrument :
 BNA_M
 ClientSampleId :
 C04K1DL

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	403592		
167	27.7	21.6	32.4	
279	4.0	3.0	4.4	

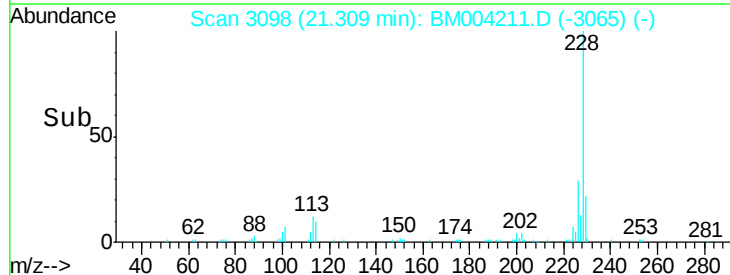
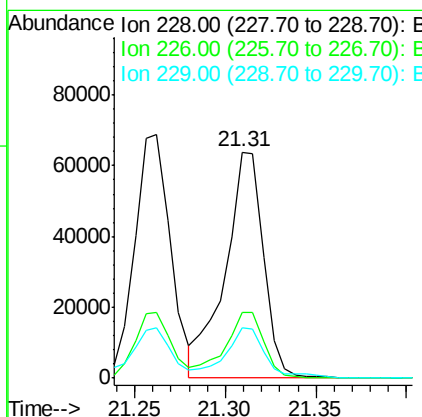
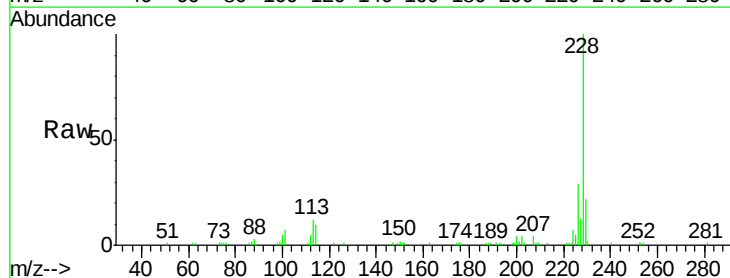
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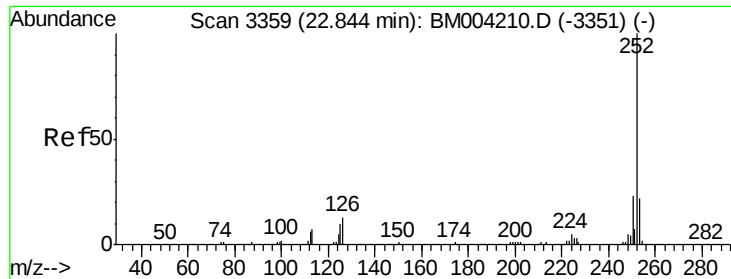
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#85
 Chrysene
 Concen: 6.93 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	94401		
226	29.2	24.0	36.0	
229	22.2	15.6	23.4	





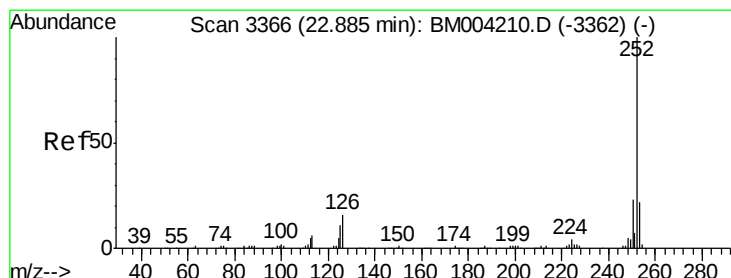
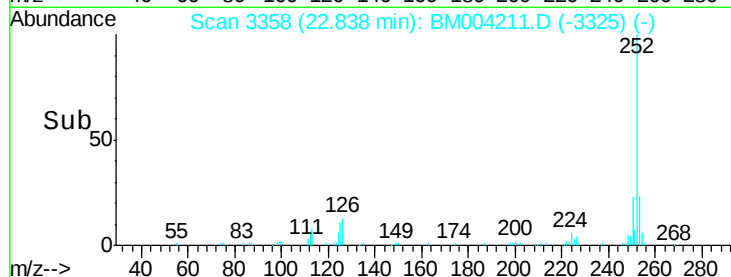
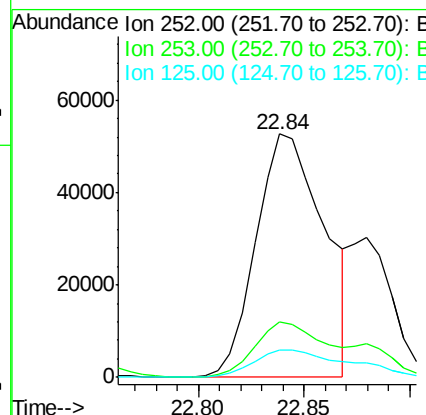
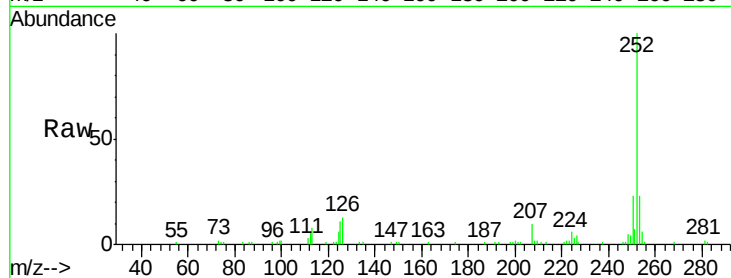
#88
Benzo(b)fluoranthene
Concen: 8.86 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BM004211.D
Acq: 08 Feb 2016 22:22

Instrument :
BNA_M
ClientSampleId :
C04K1DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.5	26.3
125	11.4	8.5	12.7

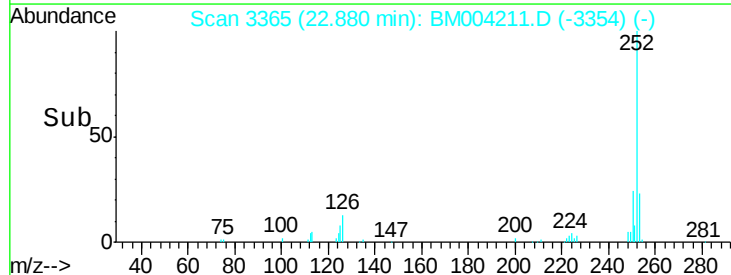
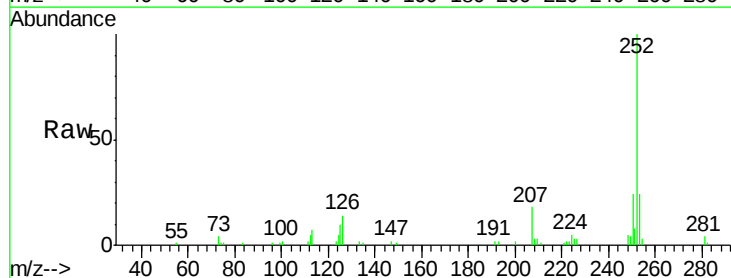
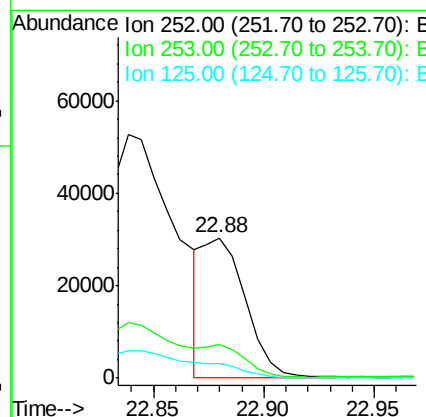
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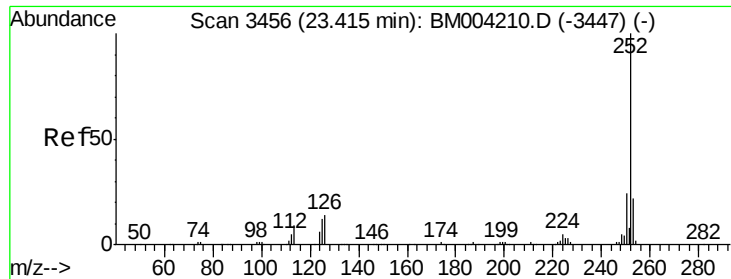
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#89
Benzo(k)fluoranthene
Concen: 3.34 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004211.D
Acq: 08 Feb 2016 22:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	17.3	25.9
125	10.1	8.2	12.2





#91

Benzo(a)pyrene

Concen: 5.88 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

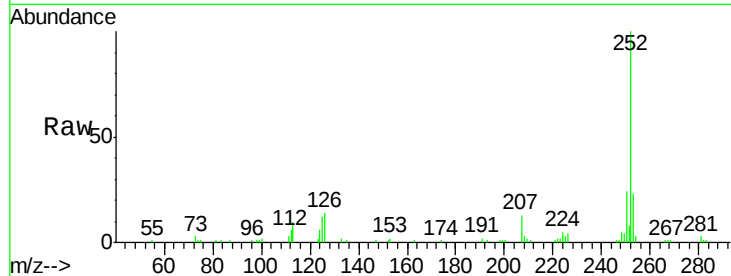
ClientSampleId :

C04K1DL

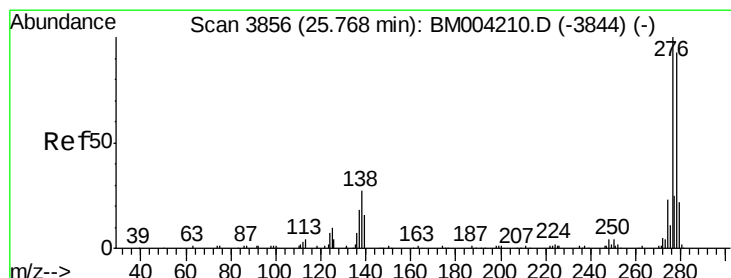
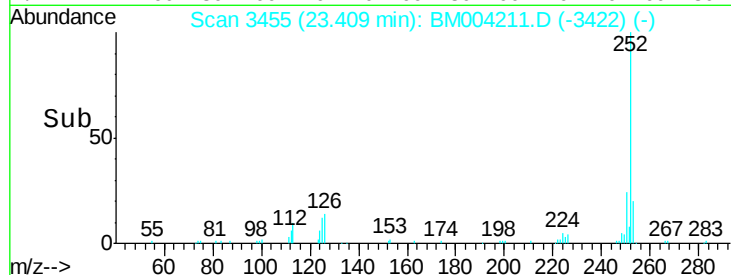
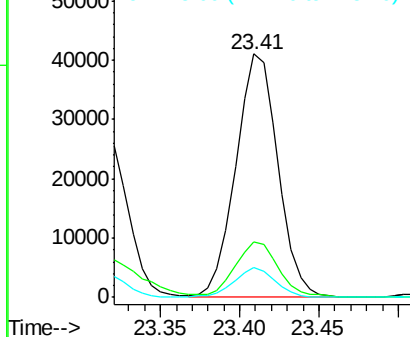
Tgt Ion:	252	Resp:	75866
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	12.1	9.0	13.6

Manual Integrations
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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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.81 ng/ul

RT: 25.76 min Scan# 3854

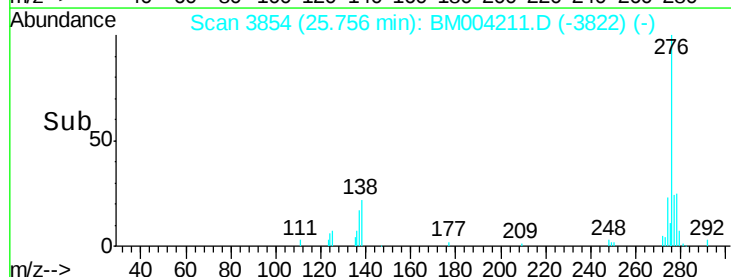
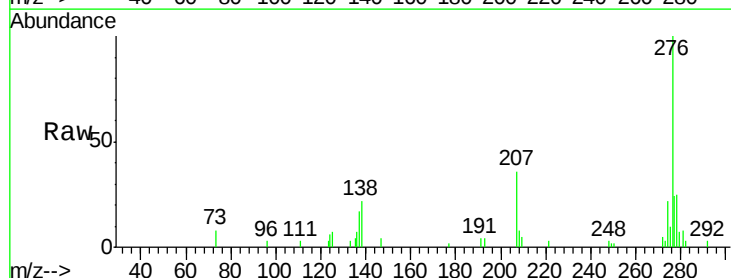
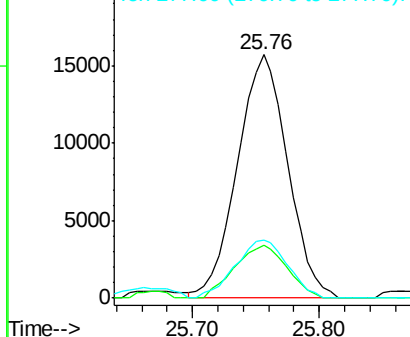
Delta R.T. -0.01 min

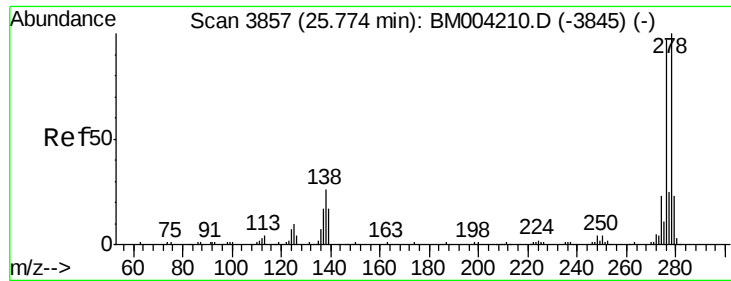
Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Tgt Ion:	276	Resp:	43324
Ion Ratio	Lower	Upper	
276	100		
138	21.6	22.3	33.5#
277	23.9	20.2	30.2

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





#93

Dibenzo(a,h)anthracene

Concen: 1.00 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.02 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

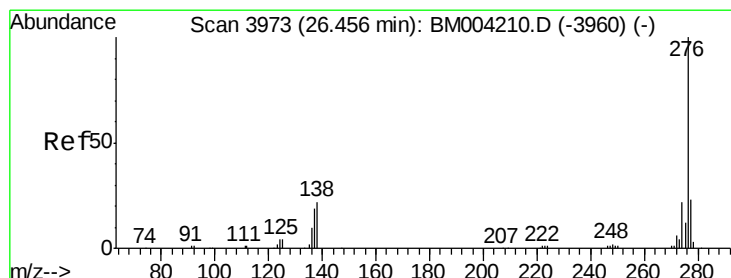
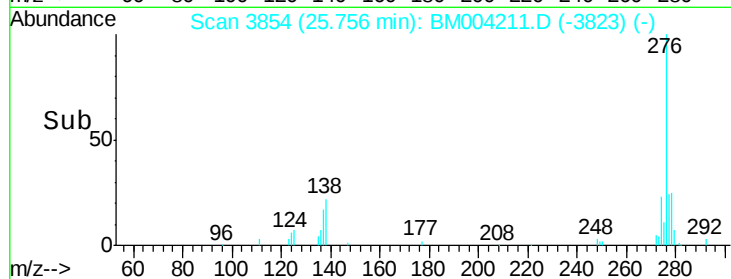
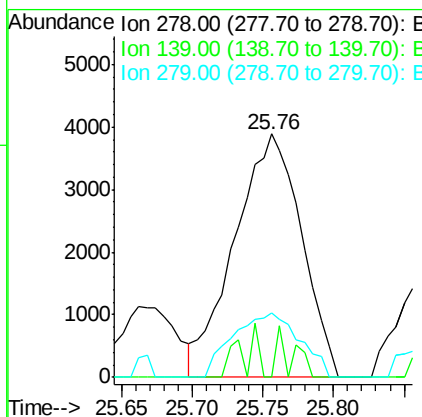
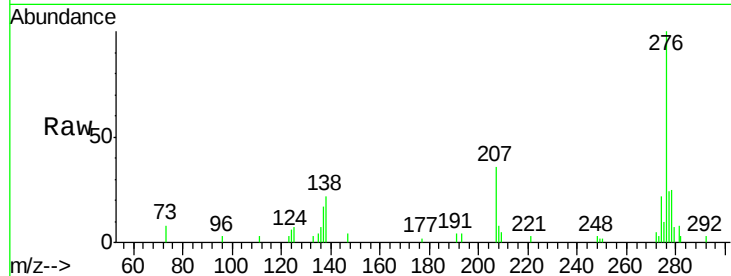
ClientSampleId :

C04K1DL

Tgt Ion:	278	Resp:	12845
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	26.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
2/9/2016 3:30:59 PM



#94

Benzo(g,h,i)perylene

Concen: 2.35 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Tgt Ion:	276	Resp:	30818
Ion Ratio	Lower	Upper	
276	100		
138	24.0	18.9	28.3
277	26.6	19.2	28.8

