

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002222.D
 Acq On : 04 Aug 2015 22:42
 Operator : TP/UM
 Sample : G3073-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01L2RE

Manual Integrations
 APPROVED

MMDadoda
 8/7/2015 4:42:48 PM

Quant Time: Aug 05 04:46:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:56:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	66428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	267716	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	143782	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	297846	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	326590	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	311513	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	2244	1.92	ng/uL	0.00
5) Phenol-d5	6.72	99	44470	9.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	26162	10.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	40230	9.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	27824	6.79	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	18754	9.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	20725	9.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	35680	8.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	16007	3.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	98038	9.37	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	122746	9.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	6975	5.15	ng/ul	0.00
58) Fluorene-d10	15.20	176	83446	9.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	3951	2.30	ng/ul	0.00
71) Anthracene-d10	17.05	188	120290	9.07	ng/ul	0.00
79) Pyrene-d10	19.36	212	131595	8.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	150854	9.97	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.66	163	34717	3.33	ng/ul	98
70) Phenanthrene	17.00	178	68780	4.50	ng/ul	99
72) Anthracene	17.09	178	28777	1.84	ng/ul	95
76) Di-n-butylphthalate	17.92	149	72874	4.73	ng/ul	99
77) Fluoranthene	19.02	202	185446	11.08	ng/ul	100
80) Pyrene	19.39	202	170582	8.50	ng/ul	99
81) Butylbenzylphthalate	20.29	149	17672	2.44	ng/ul	88
83) Benzo(a)anthracene	21.14	228	121201	6.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.09	149	5265537	511.40	ng/ul#	95
85) Chrysene	21.20	228	144305	8.57	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	228794	13.04	ng/ul#	95
89) Benzo(k)fluoranthene	22.73	252	79694m	4.69	ng/ul	
91) Benzo(a)pyrene	23.26	252	128000	7.64	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.54	276	115343	6.11	ng/ul	95
93) Dibenzo(a,h)anthracene	25.54	278	32305	2.01	ng/ul#	81
94) Benzo(g,h,i)perylene	26.21	276	106101	6.74	ng/ul	97

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

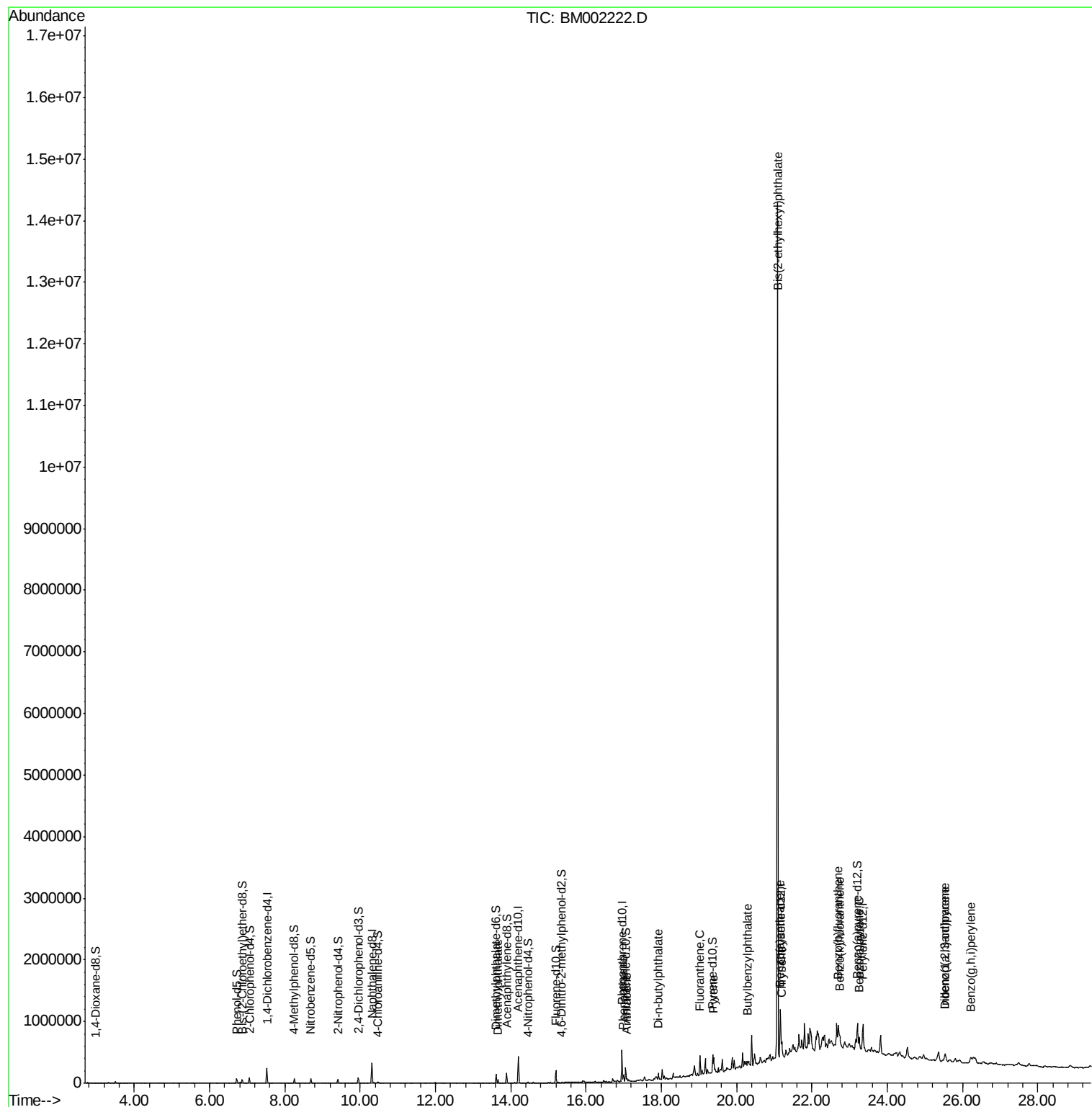
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002222.D
Acq On : 04 Aug 2015 22:42
Operator : TP/UM
Sample : G3073-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

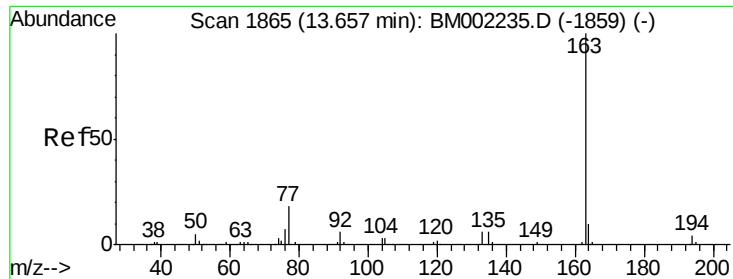
Instrument :
BNA_M
ClientSampled :
C01L2RE

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Quant Time: Aug 05 04:46:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
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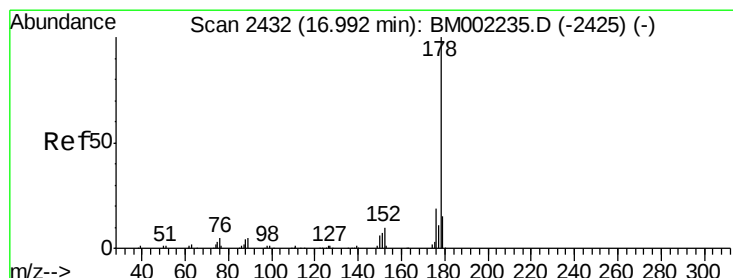
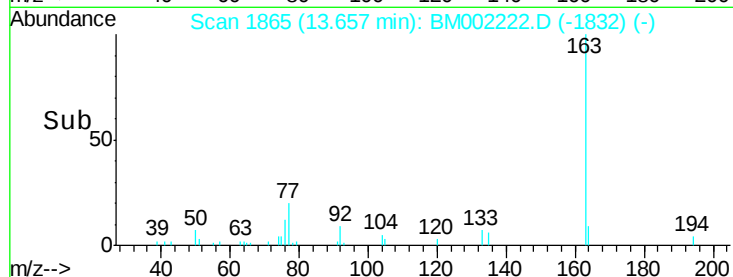
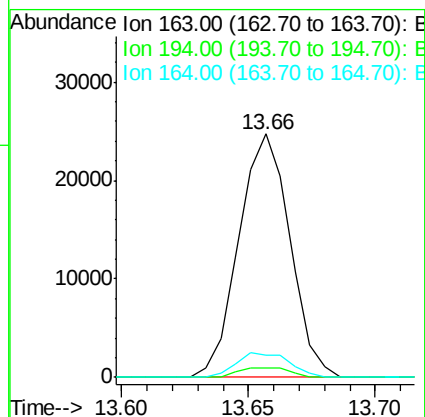
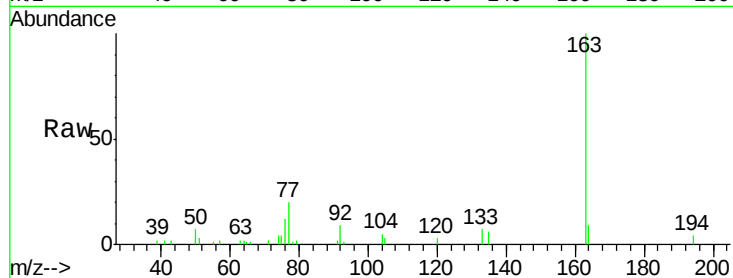
#45
Dimethylphthalate
Concen: 3.33 ng/ul
RT: 13.66 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Instrument :
BNA_M
ClientSampleId :
C01L2RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	34717		
194	3.8		3.4	5.2
164	8.9		7.9	11.9

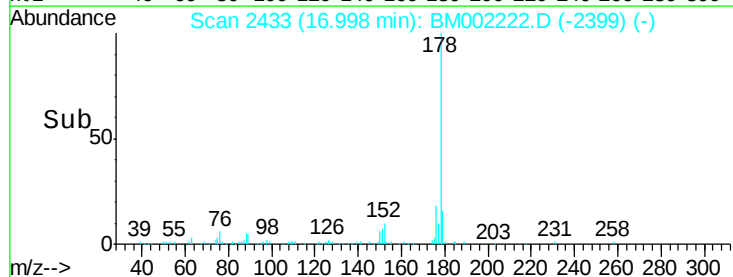
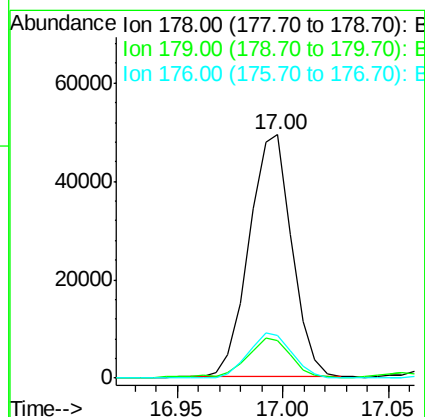
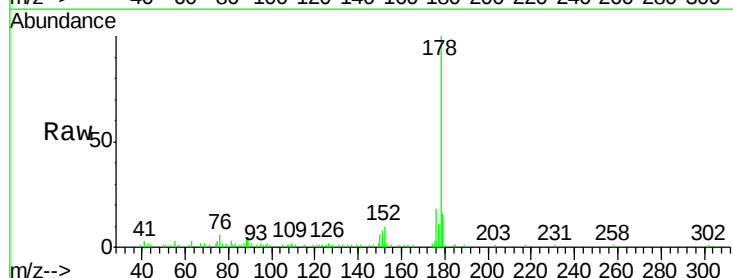
Manual Integrations
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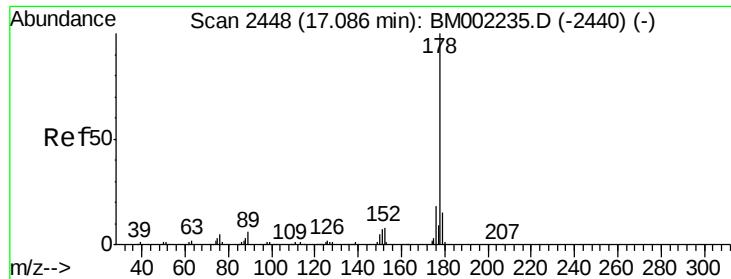
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#70
Phenanthrene
Concen: 4.50 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	68780		
179	15.7		12.2	18.4
176	17.6		14.6	21.8





#72

Anthracene

Concen: 1.84 ng/ul

RT: 17.09 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM002222.D

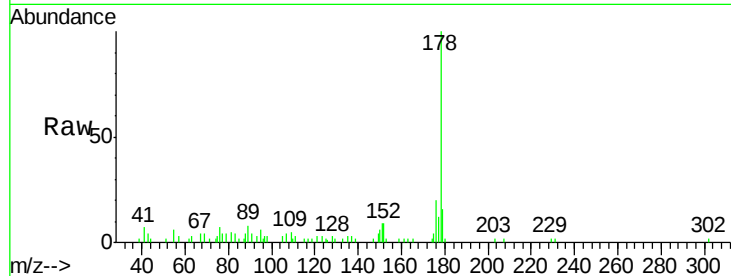
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Instrument :

BNA_M

ClientSampleId :

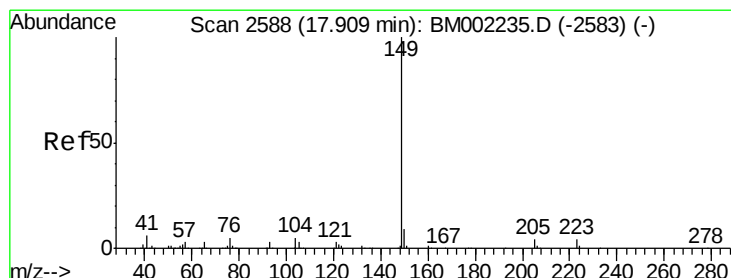
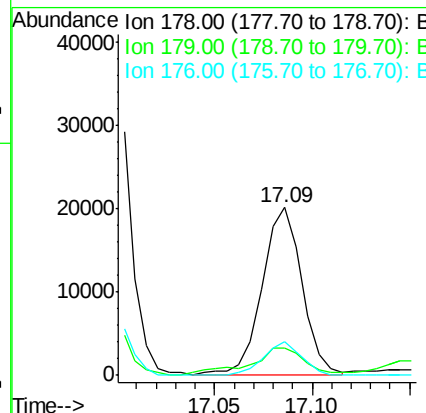
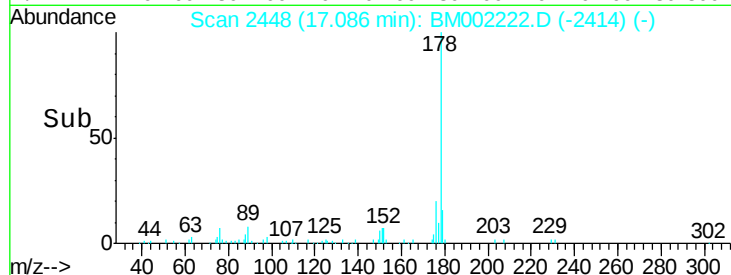
C01L2RE



Tgt Ion:	178	Resp:	28777
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.2	18.2
176	19.8	13.8	20.6

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#76

Di-n-butylphthalate

Concen: 4.73 ng/ul

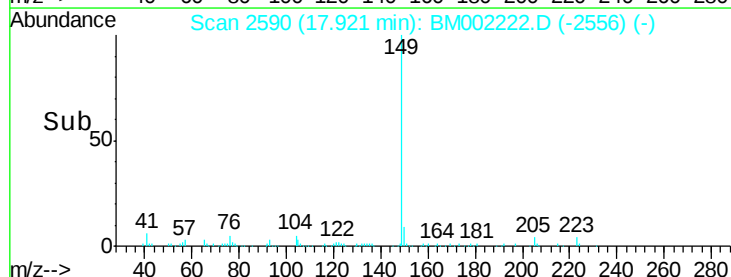
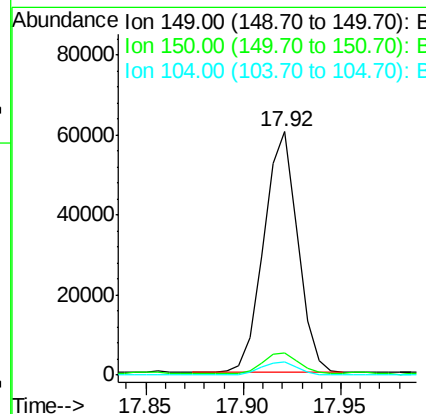
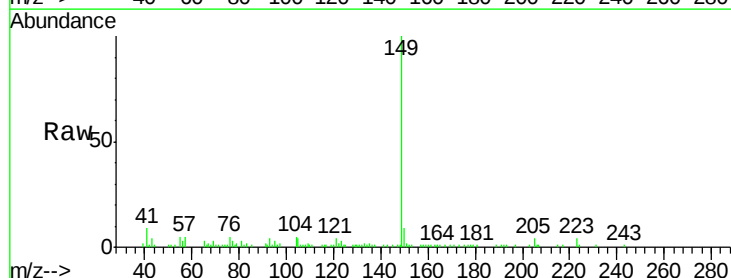
RT: 17.92 min Scan# 2590

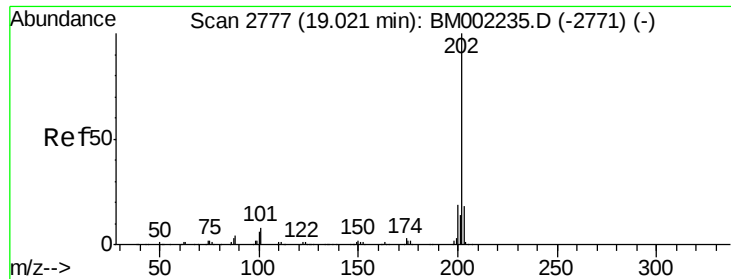
Delta R.T. 0.00 min

Lab File: BM002222.D

Acq: 04 Aug 2015 22:42

Tgt Ion:	149	Resp:	72874
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.0	10.4
104	5.3	4.0	6.0





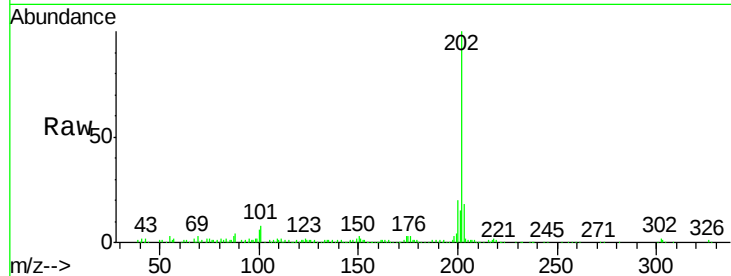
#77
Fluoranthene
 Concen: 11.08 ng/ul
 RT: 19.02 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BM002222.D
 Acq: 04 Aug 2015 22:42

Instrument :
 BNA_M
 ClientSampleId :
 C01L2RE

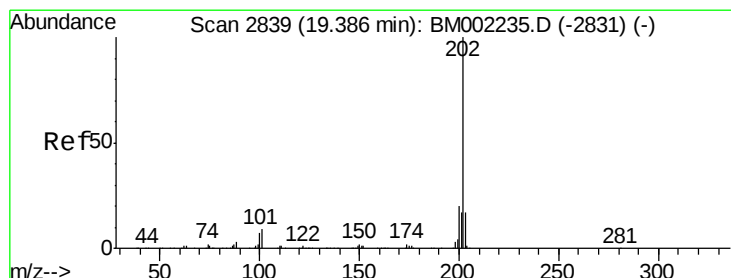
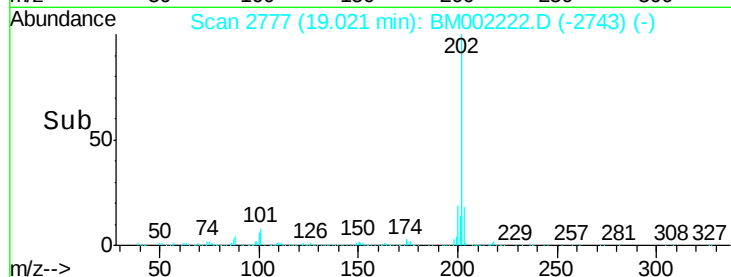
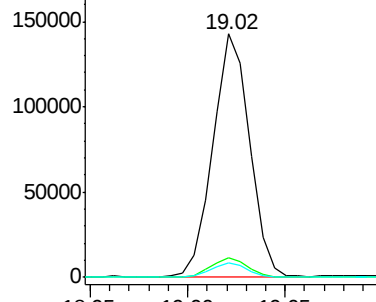
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	185446		
101	7.8	6.2	9.2	
100	5.9	4.8	7.2	

Manual Integrations
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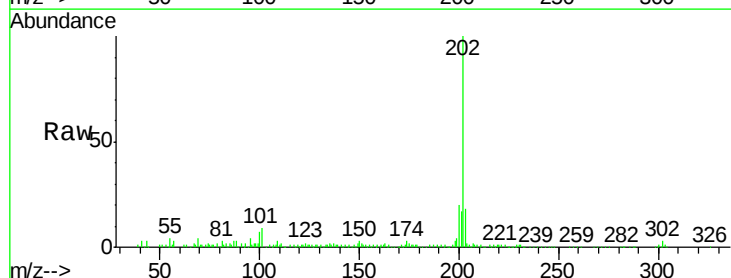


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

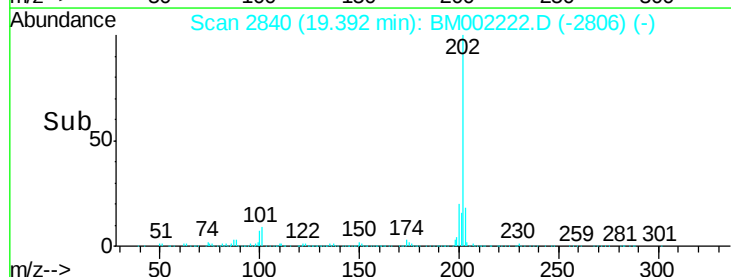
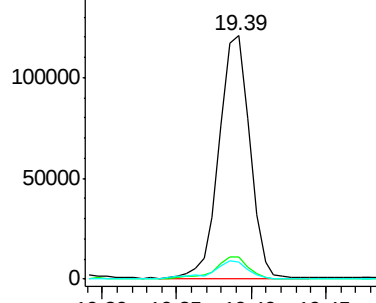


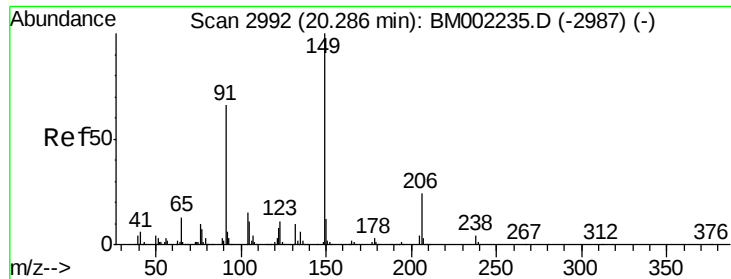
#80
Pyrene
 Concen: 8.50 ng/ul
 RT: 19.39 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BM002222.D
 Acq: 04 Aug 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	170582		
101	8.9	7.0	10.6	
100	6.8	5.8	8.8	



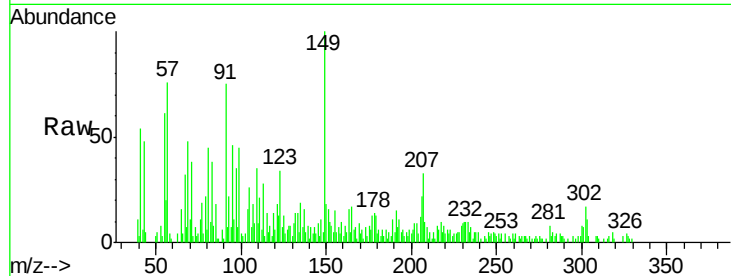
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#81
Butylbenzylphthalate
Concen: 2.44 ng/ul
RT: 20.29 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

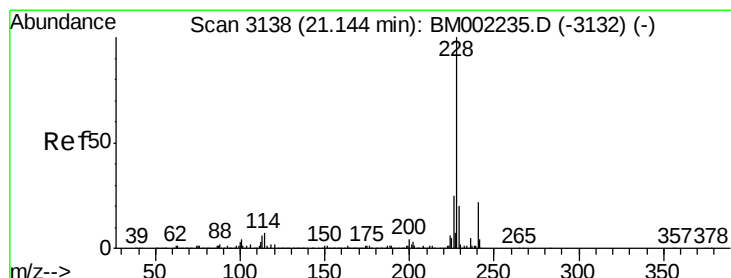
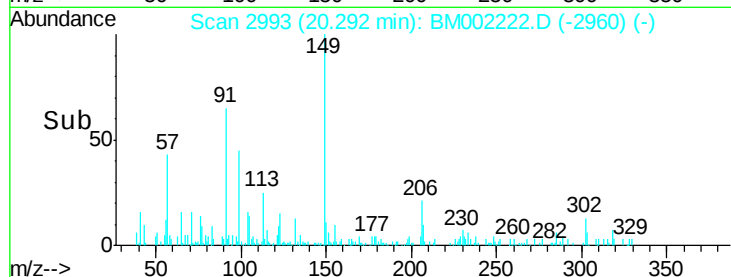
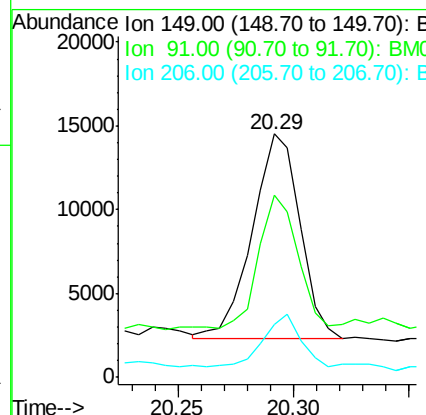
Instrument :
BNA_M
ClientSampleId :
C01L2RE



Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	50.6	76.0
206	21.8	19.8	29.6

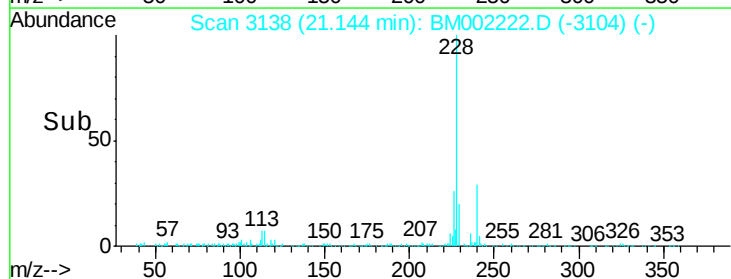
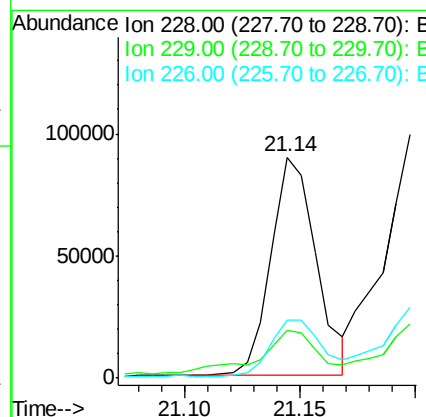
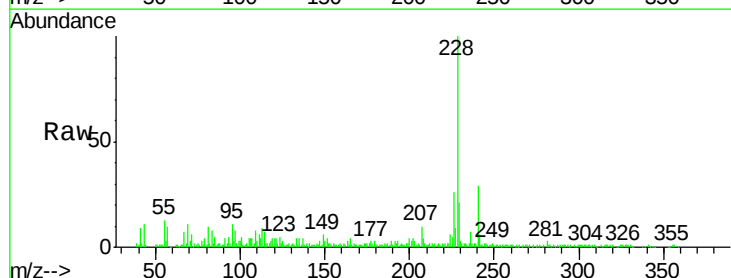
Manual Integrations
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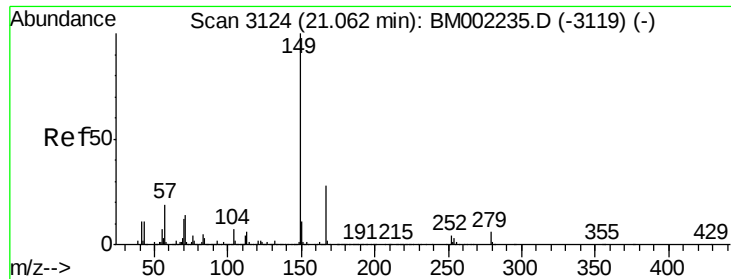
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#83
Benzo(a)anthracene
Concen: 6.62 ng/ul
RT: 21.14 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.9	23.9
226	26.4	20.6	31.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 511.40 ng/ul

RT: 21.09 min Scan# 3128

Delta R.T. 0.02 min

Lab File: BM002222.D

Acq: 04 Aug 2015 22:42

Instrument :

BNA_M

ClientSampleId :

C01L2RE

Tgt Ion:149 Resp: 5265537

Ion Ratio Lower Upper

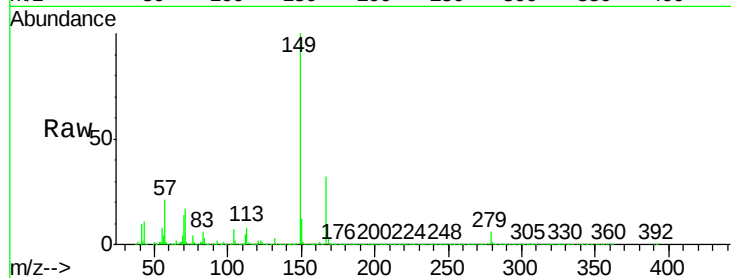
149 100

167 31.6 23.0 34.4

279 6.2 4.0 6.0#

Manual Integrations
APPROVED

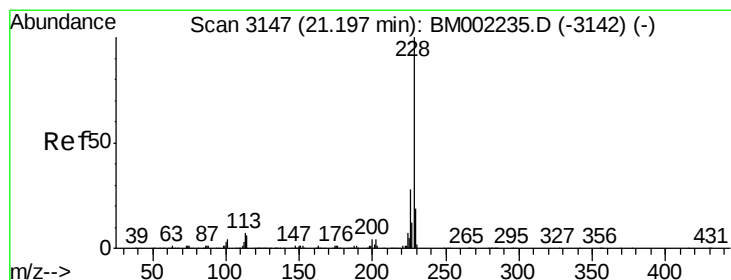
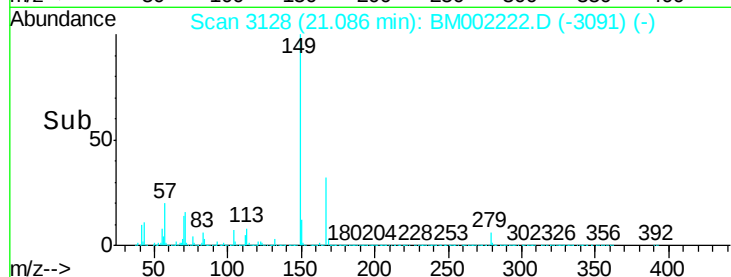
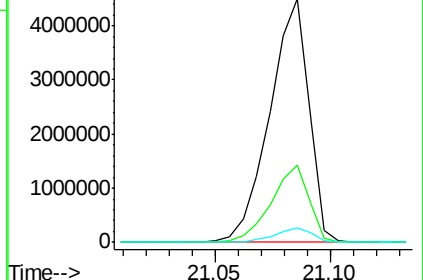
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 8.57 ng/ul

RT: 21.20 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BM002222.D

Acq: 04 Aug 2015 22:42

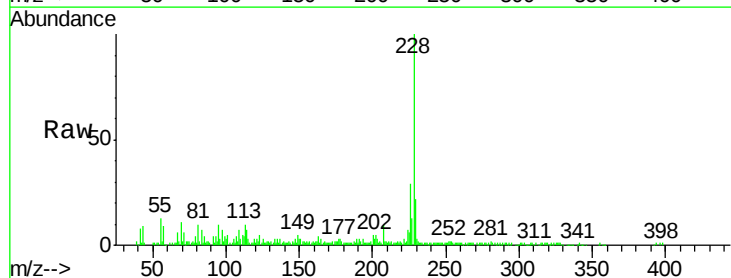
Tgt Ion:228 Resp: 144305

Ion Ratio Lower Upper

228 100

226 29.3 22.2 33.4

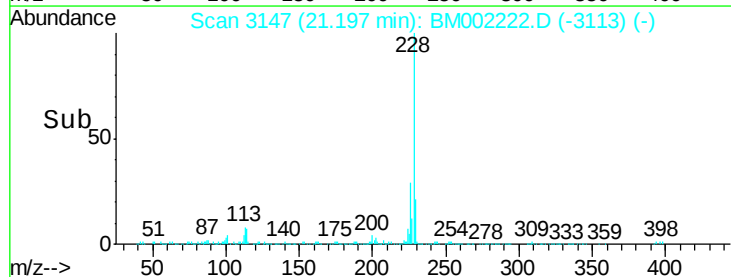
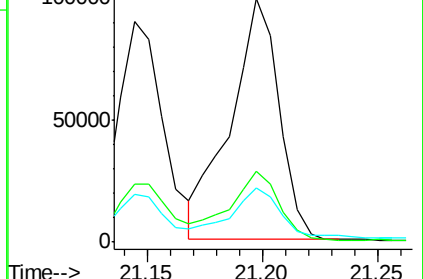
229 22.2 15.5 23.3

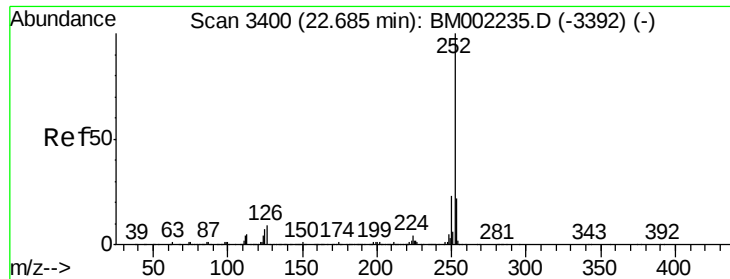


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





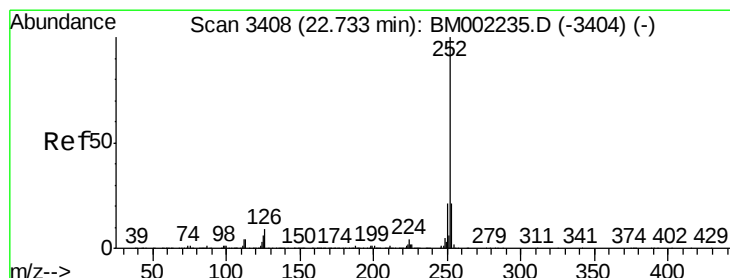
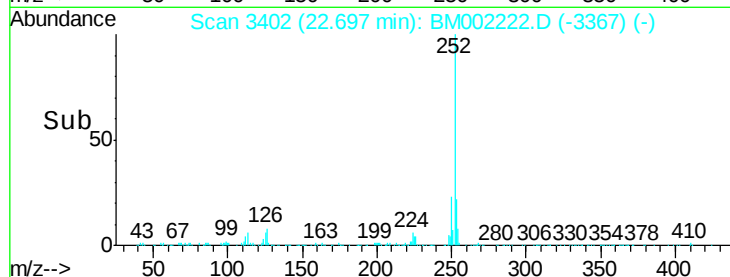
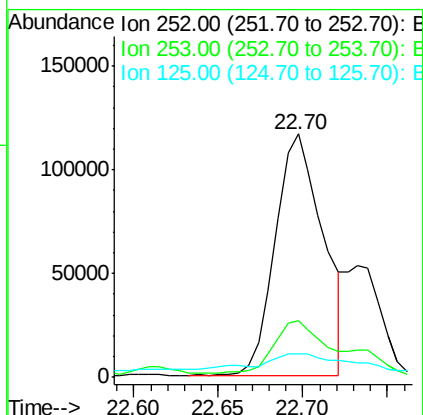
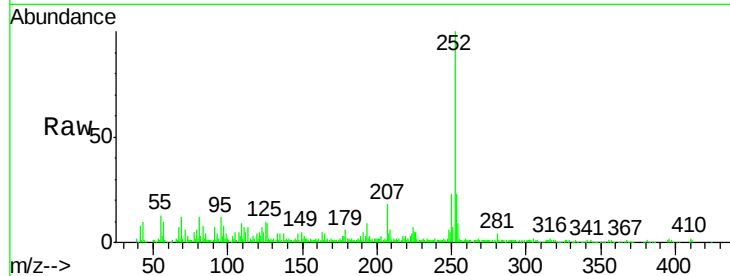
#88
Benzo(b)fluoranthene
Concen: 13.04 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Instrument :
BNA_M
ClientSampleId :
C01L2RE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	228794		
253	23.4	17.4	26.0	
125	9.7	5.4	8.2#	

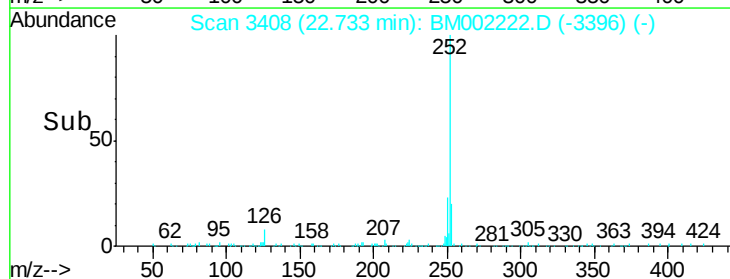
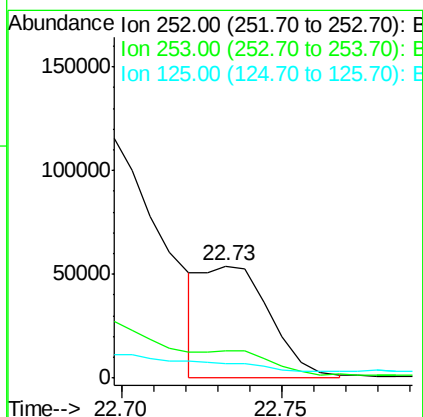
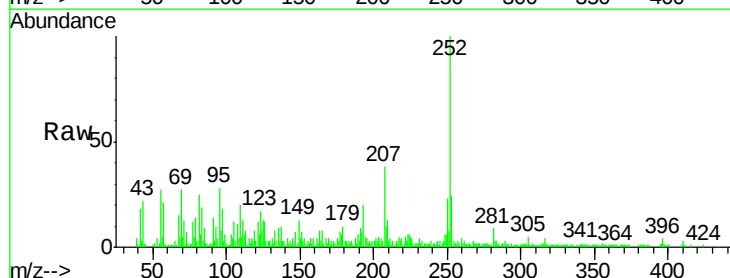
Manual Integrations
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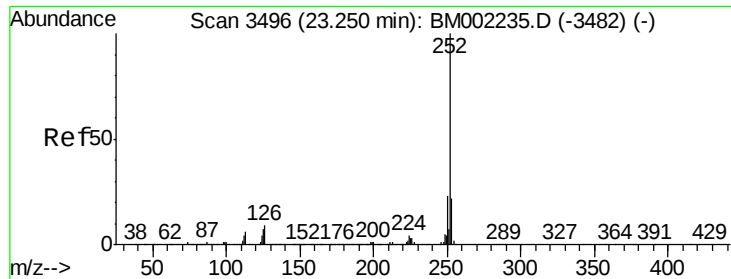
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#89
Benzo(k)fluoranthene
Concen: 4.69 ng/ul m
RT: 22.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	79694		
253	24.1	17.4	26.2	
125	13.1	5.6	8.4#	





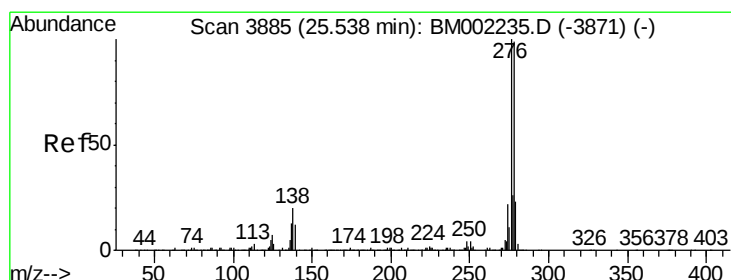
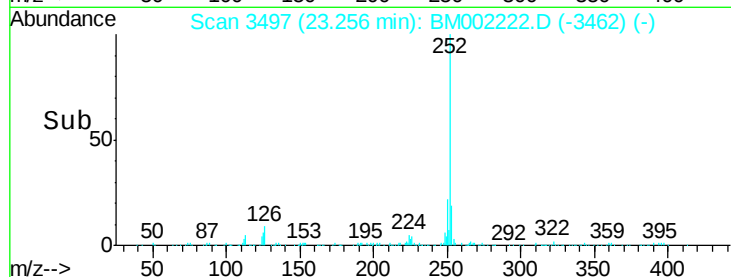
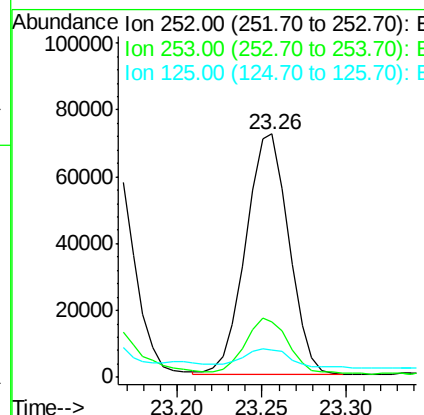
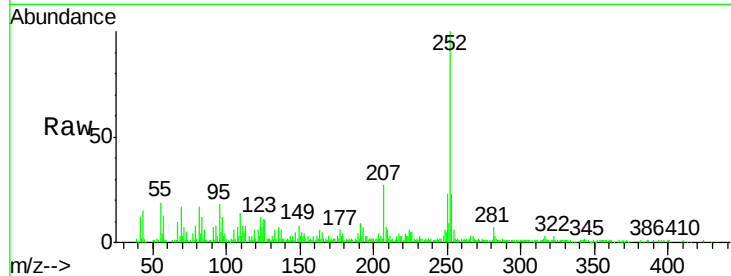
#91
Benzo(a)pyrene
Concen: 7.64 ng/ul
RT: 23.26 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Instrument :
BNA_M
ClientSampleId :
C01L2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.4	26.0
125	11.1	6.1	9.1#

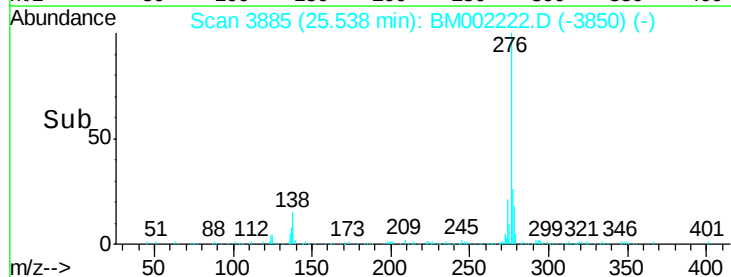
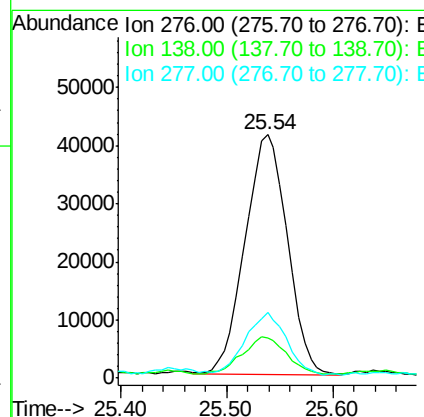
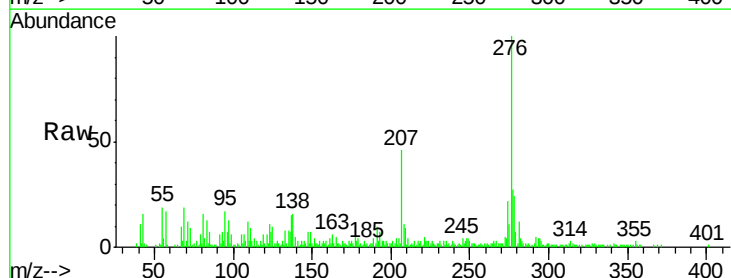
Manual Integrations
APPROVED

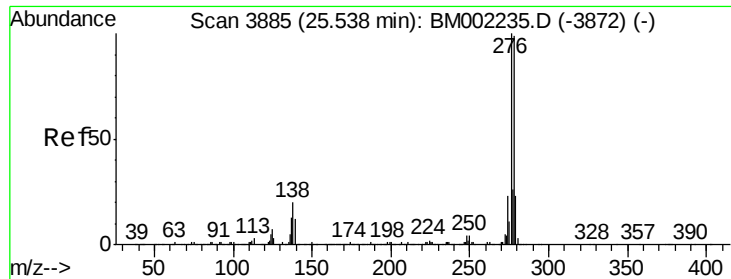
MMDadoda
8/7/2015 4:42:48 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.11 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.2	15.4	23.0
277	27.0	20.2	30.2





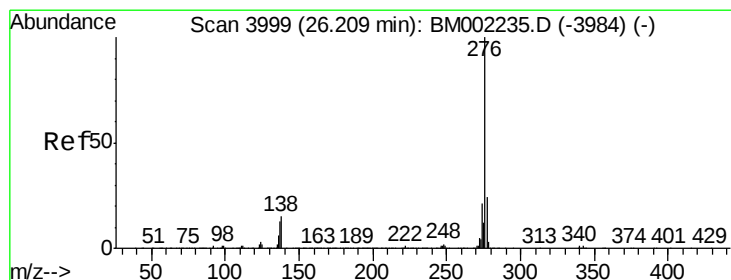
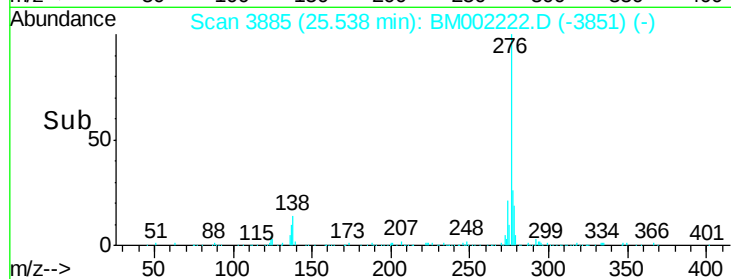
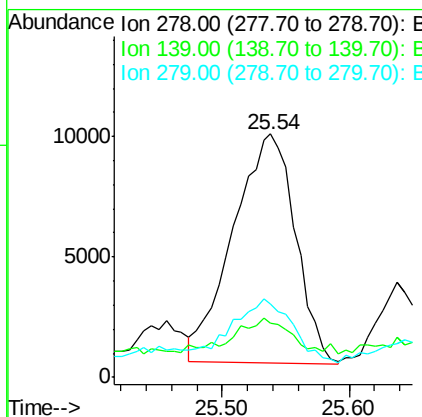
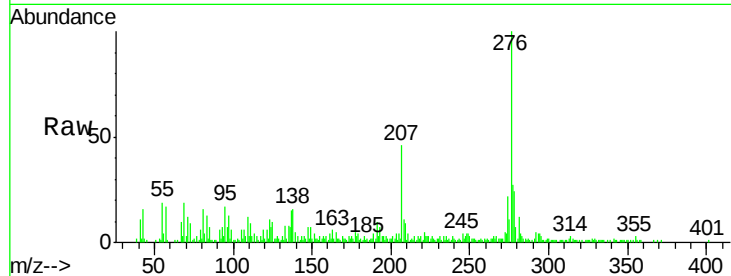
#93
Dibenzo(a,h)anthracene
Concen: 2.01 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.00 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Instrument :
BNA_M
ClientSampleId :
C01L2RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	22.1	10.4	15.6#
279	30.3	17.9	26.9#

Manual Integrations
APPROVED

MMDadoda
8/7/2015 4:42:48 PM



#94
Benzo(g,h,i)perylene
Concen: 6.74 ng/ul
RT: 26.21 min Scan# 4000
Delta R.T. 0.01 min
Lab File: BM002222.D
Acq: 04 Aug 2015 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.0	12.5	18.7
277	24.9	19.4	29.0

