

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002225.D
 Acq On : 05 Aug 2015 00:31
 Operator : TP/UM
 Sample : G3095-05RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RE

Manual Integrations
 APPROVED

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 8/7/2015 4:43:05 PM

Quant Time: Aug 05 05:18:45 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	155055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	596533	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	335662	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	732031	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	919509	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	964242	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	2543	0.93	ng/uL	0.00
5) Phenol-d5	6.72	99	55075	4.78	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	36162	6.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	49663	5.05	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	37888	3.96	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	26513	6.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	27217	5.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	42437	4.35	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	20667	1.91	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	150466	6.16	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	192983	6.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	7040	2.23	ng/ul	0.02
58) Fluorene-d10	15.20	176	136355	6.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	1401	0.33	ng/ul	0.01
71) Anthracene-d10	17.06	188	198983	6.11	ng/ul	0.00
79) Pyrene-d10	19.37	212	228114	5.18	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	271373	5.80	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.66	163	61511	2.53	ng/ul	99
70) Phenanthrene	17.00	178	261920	6.97	ng/ul	99
72) Anthracene	17.09	178	85720	2.23	ng/ul	97
76) Di-n-butylphthalate	17.93	149	65247	1.72	ng/ul	97
77) Fluoranthene	19.03	202	547223	13.30	ng/ul	99
80) Pyrene	19.40	202	514243	9.10	ng/ul	100
81) Butylbenzylphthalate	20.30	149	410954	20.16	ng/ul	98
83) Benzo(a)anthracene	21.16	228	340912	6.62	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.08	149	498373	17.19	ng/ul	98
85) Chrysene	21.21	228	348147	7.34	ng/ul	96
88) Benzo(b)fluoranthene	22.71	252	599328	11.03	ng/ul#	92
89) Benzo(k)fluoranthene	22.75	252	134888m	2.56	ng/ul	
91) Benzo(a)pyrene	23.27	252	362414	6.98	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.58	276	307752	5.26	ng/ul	99
93) Dibenzo(a,h)anthracene	25.57	278	81868	1.64	ng/ul#	78
94) Benzo(g,h,i)perylene	26.26	276	306303	6.29	ng/ul	98

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

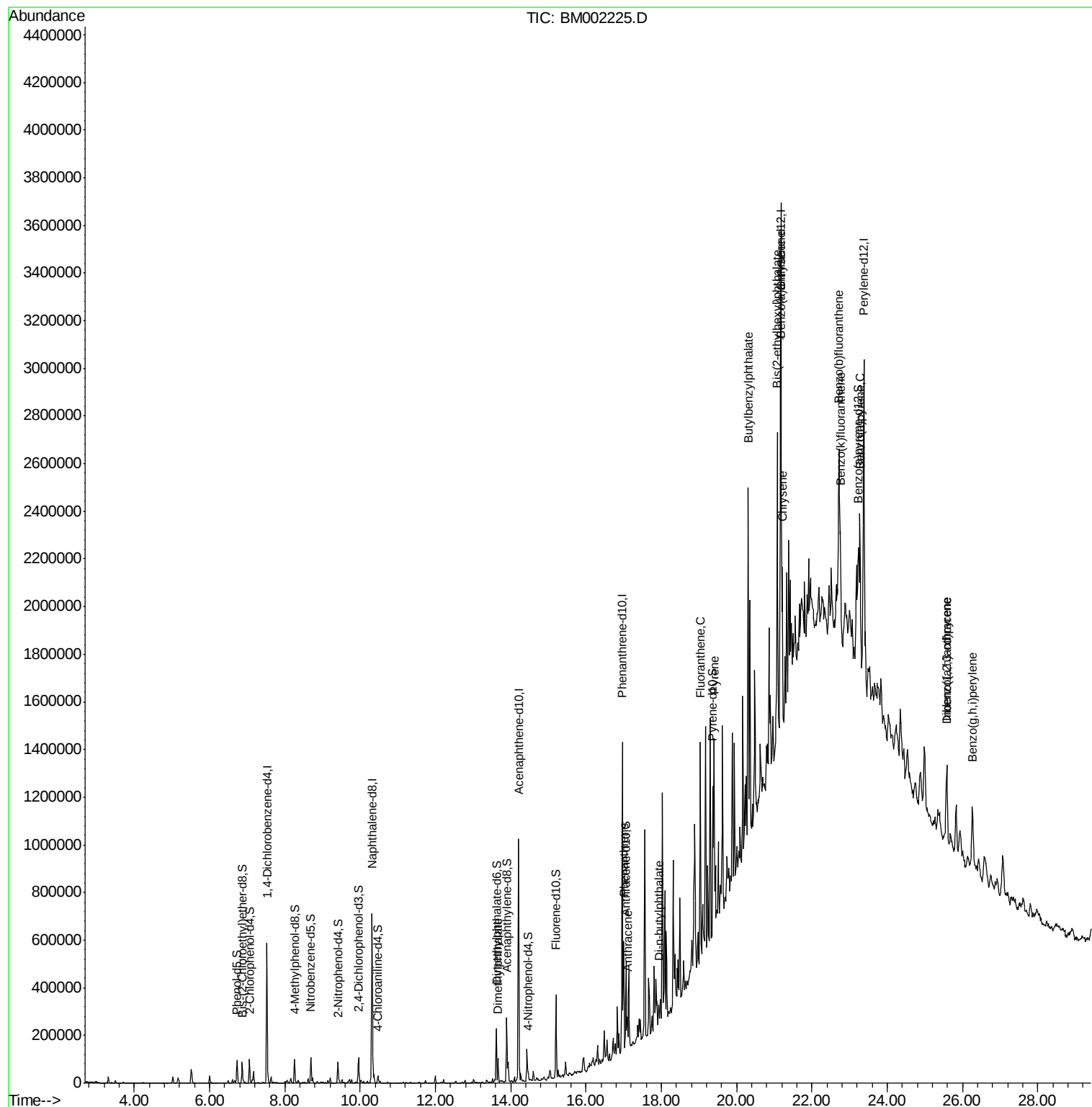
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002225.D
Acq On : 05 Aug 2015 00:31
Operator : TP/UM
Sample : G3095-05RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

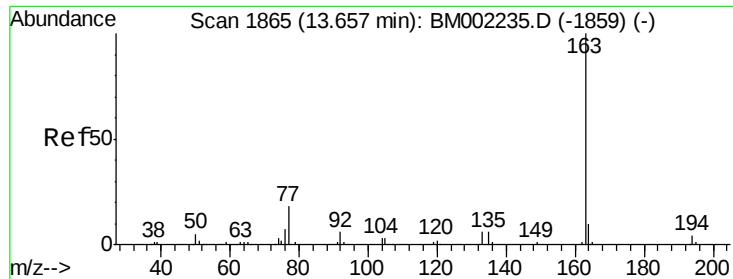
Instrument :
BNA_M
ClientSampleId :
C01R4RE

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
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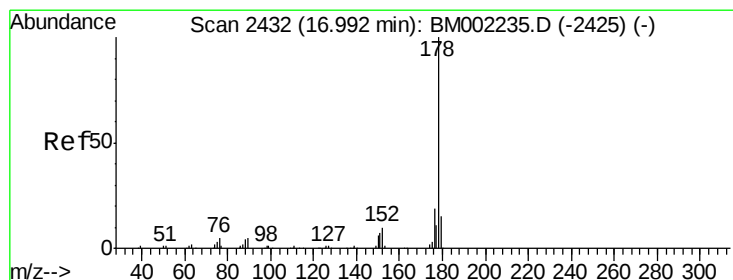
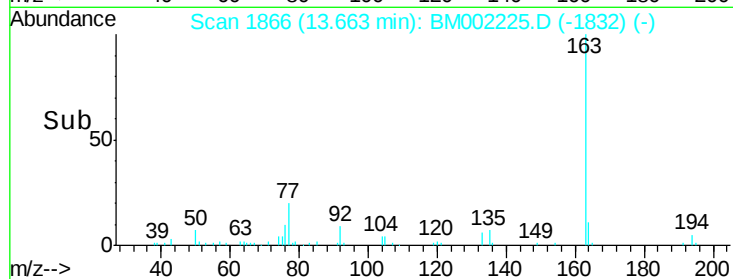
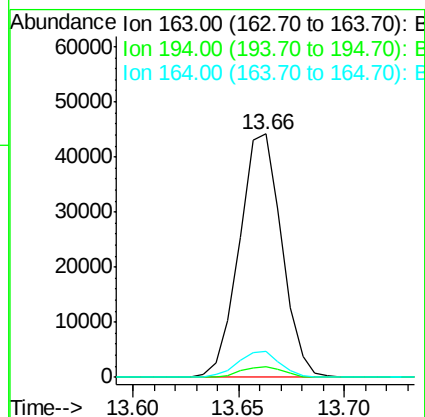
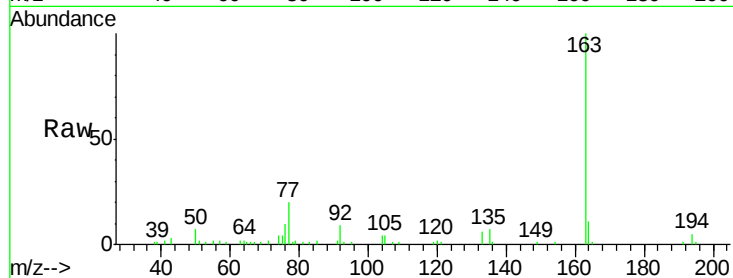
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Dimethylphthalate
Concen: 2.53 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Instrument :
BNA_M
ClientSampleId :
C01R4RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.4	5.2
164	10.5	7.9	11.9

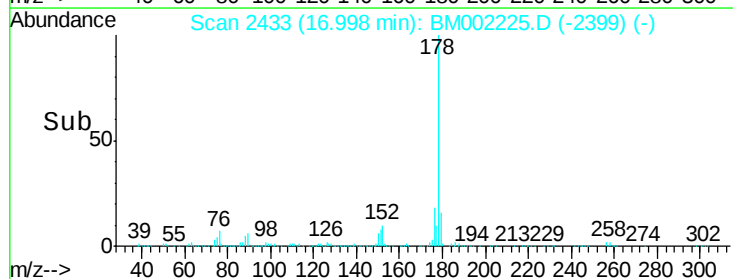
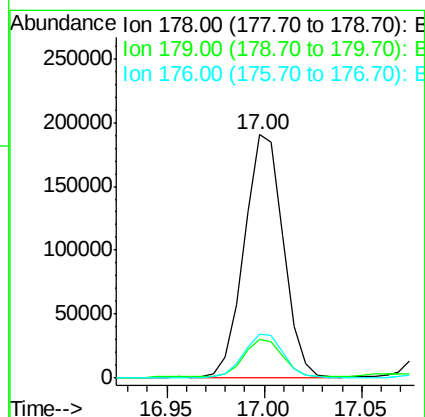
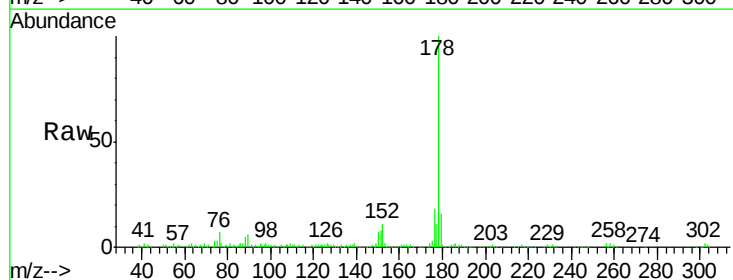
Manual Integrations
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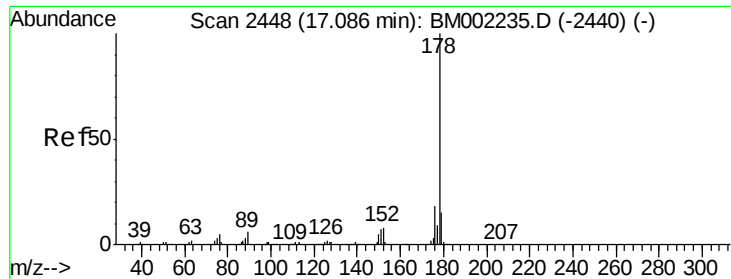
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#70
Phenanthrene
Concen: 6.97 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.0	12.2	18.4
176	18.1	14.6	21.8





#72

Anthracene

Concen: 2.23 ng/ul

RT: 17.09 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BM002225.D

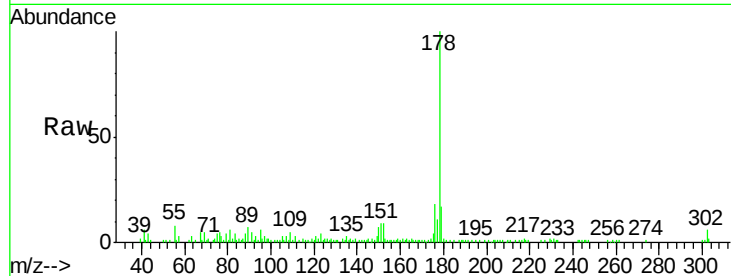
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Instrument :

BNA_M

ClientSampleId :

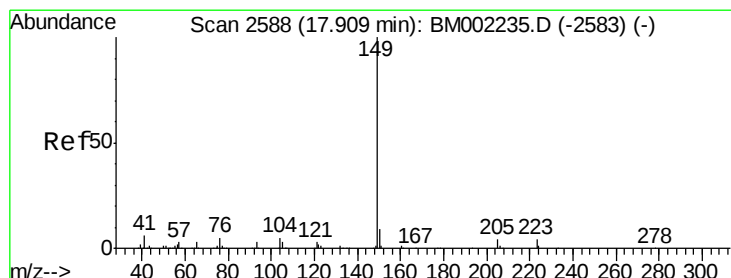
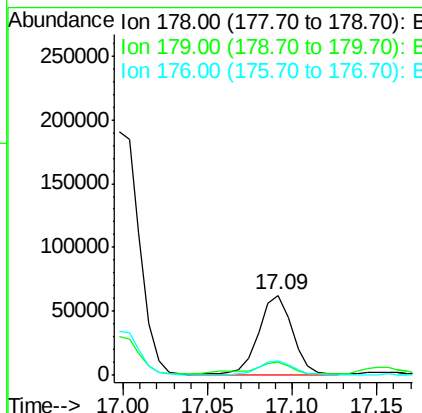
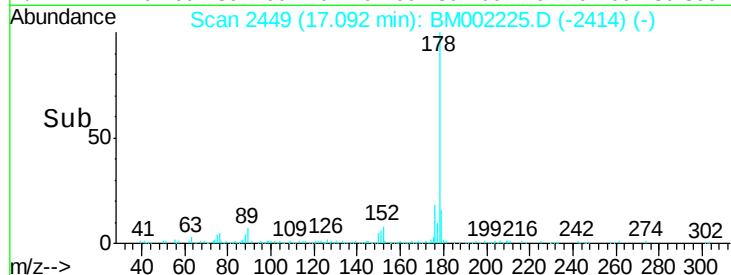
C01R4RE



Tgt Ion:	178	Resp:	85720
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.2	18.2
176	18.3	13.8	20.6

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#76

Di-n-butylphthalate

Concen: 1.72 ng/ul

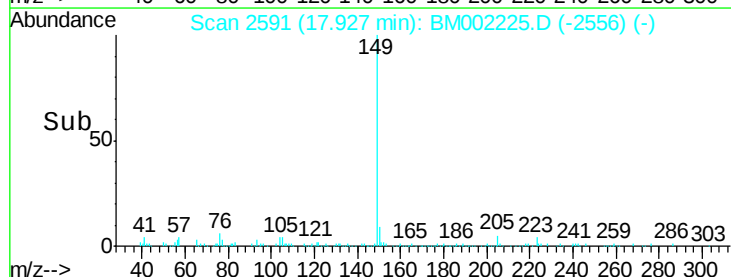
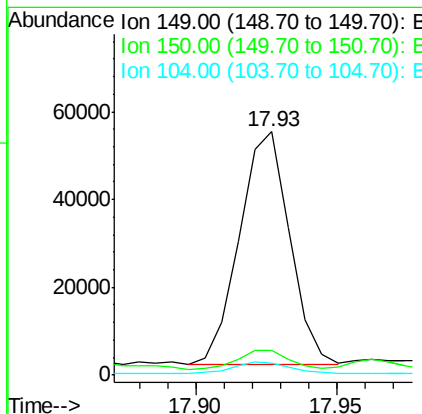
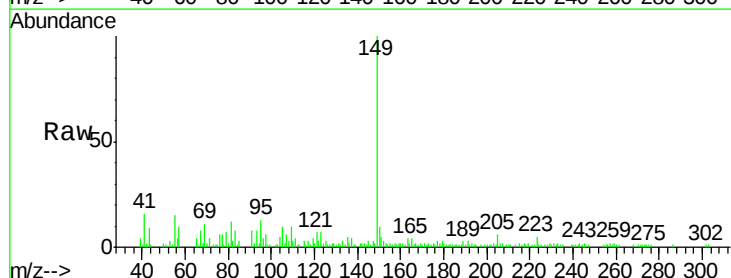
RT: 17.93 min Scan# 2591

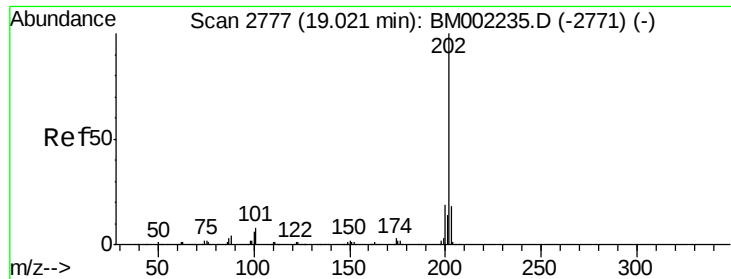
Delta R.T. 0.01 min

Lab File: BM002225.D

Acq: 05 Aug 2015 00:31

Tgt Ion:	149	Resp:	65247
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.0	10.4
104	4.9	4.0	6.0





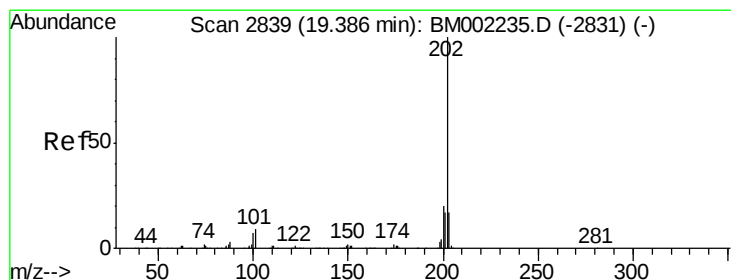
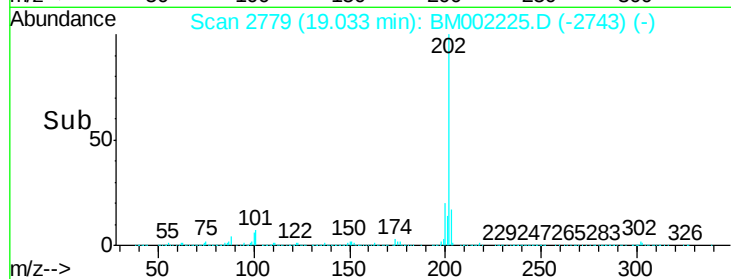
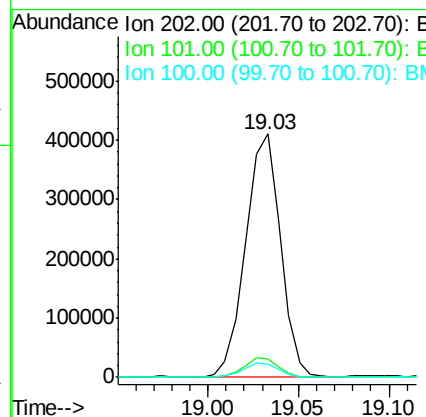
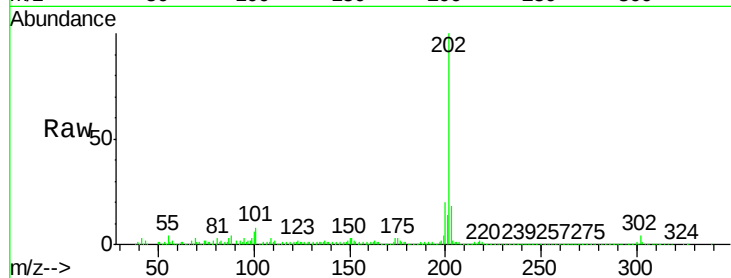
#77
 Fluoranthene
 Concen: 13.30 ng/ul
 RT: 19.03 min Scan# 2779
 Delta R.T. 0.01 min
 Lab File: BM002225.D
 Acq: 05 Aug 2015 00:31

Instrument :
 BNA_M
 ClientSampleId :
 C01R4RE

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	547223		
101	7.6	6.2	9.2	
100	5.6	4.8	7.2	

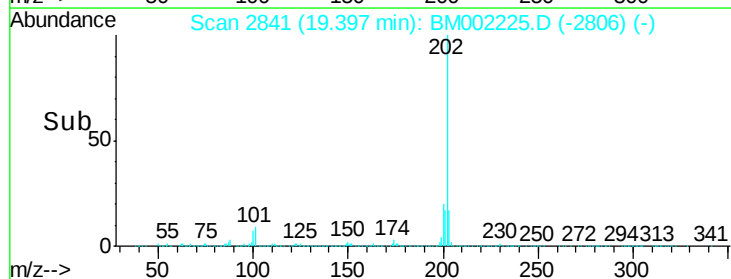
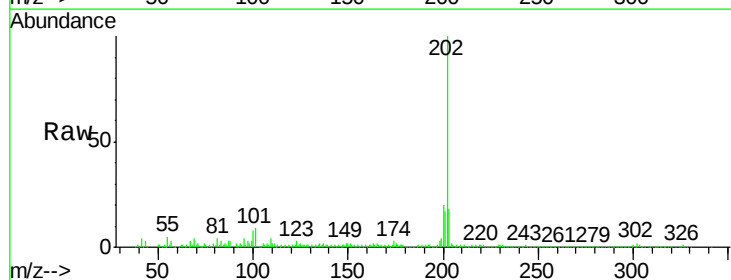
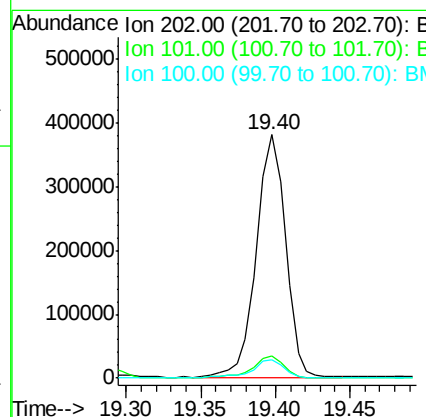
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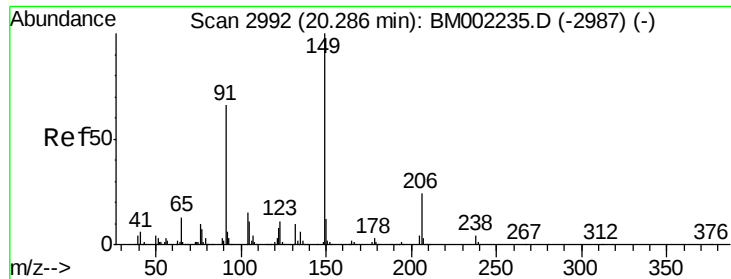
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#80
 Pyrene
 Concen: 9.10 ng/ul
 RT: 19.40 min Scan# 2841
 Delta R.T. 0.01 min
 Lab File: BM002225.D
 Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	514243		
101	8.9	7.0	10.6	
100	7.5	5.8	8.8	





#81

Butylbenzylphthalate

Concen: 20.16 ng/ul

RT: 20.30 min Scan# 2995

Delta R.T. 0.01 min

Lab File: BM002225.D

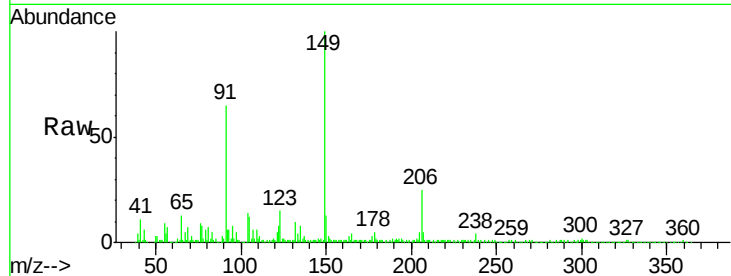
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Instrument :

BNA_M

ClientSampleId :

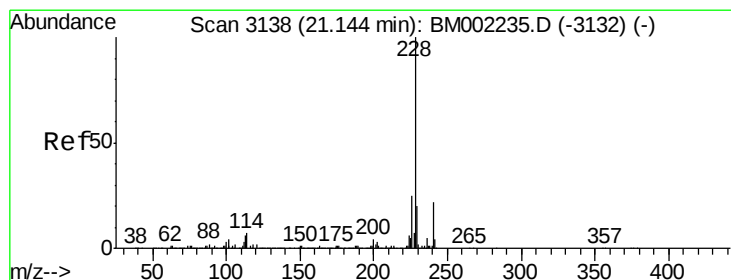
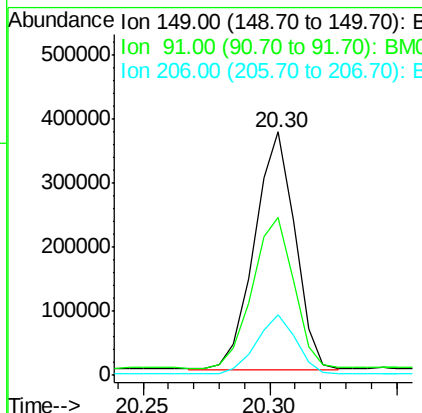
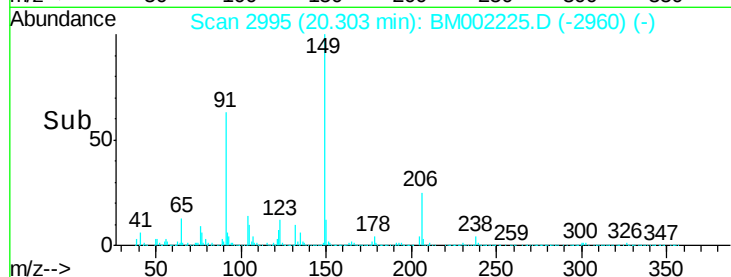
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	410954		
91	64.8	50.6	76.0	
206	25.1	19.8	29.6	

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#83

Benzo(a)anthracene

Concen: 6.62 ng/ul

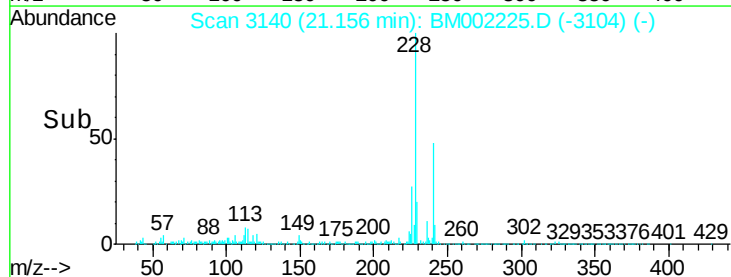
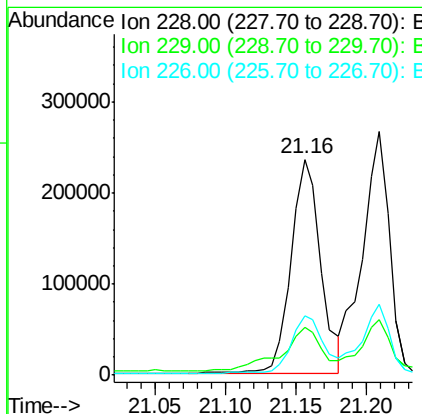
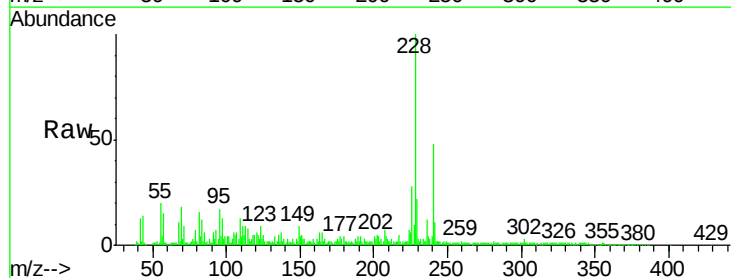
RT: 21.16 min Scan# 3140

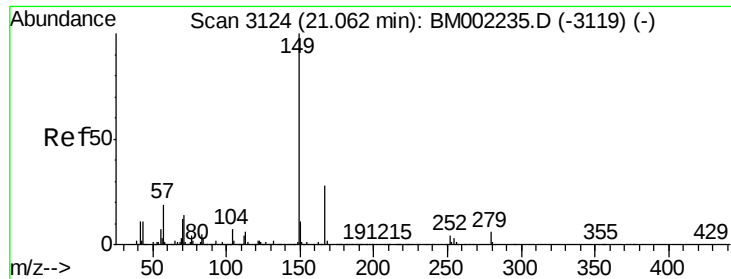
Delta R.T. 0.01 min

Lab File: BM002225.D

Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	340912		
229	21.9	15.9	23.9	
226	27.6	20.6	31.0	





#84

Bis(2-ethylhexyl)phthalate

Concen: 17.19 ng/ul

RT: 21.08 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BM002225.D

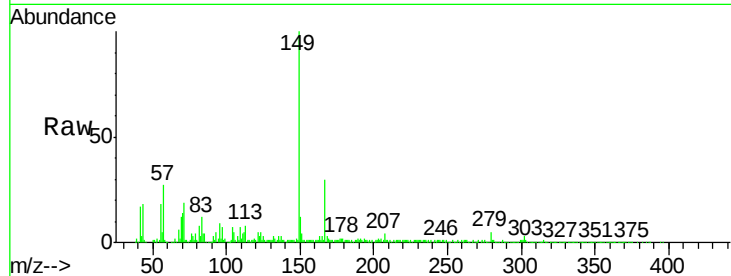
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Instrument :

BNA_M

ClientSampleId :

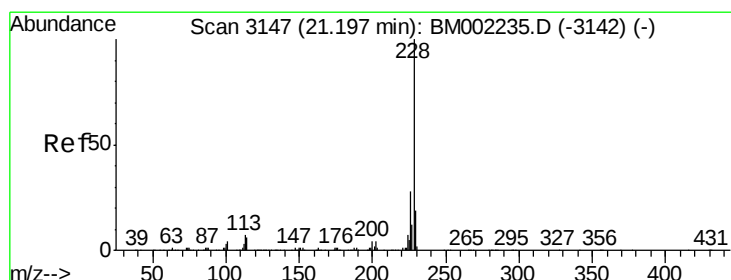
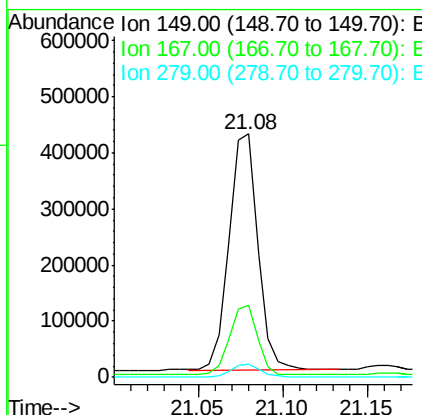
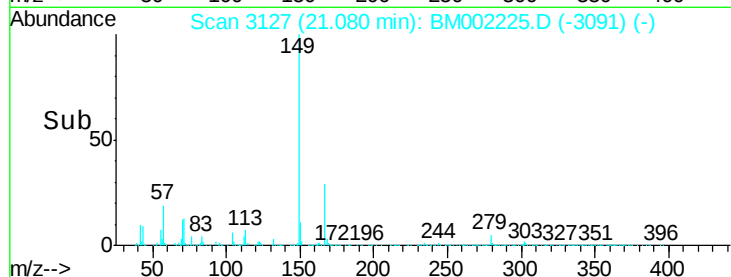
C01R4RE



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	498373		
167	29.7	23.0	34.4	
279	5.5	4.0	6.0	

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#85

Chrysene

Concen: 7.34 ng/ul

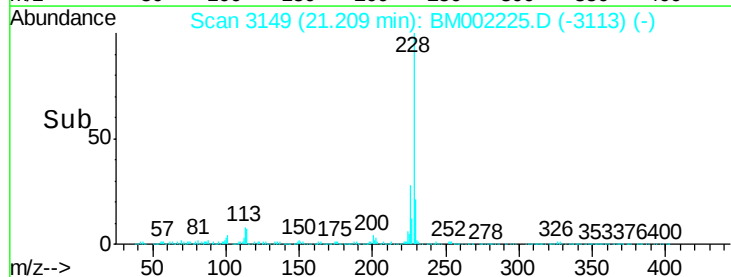
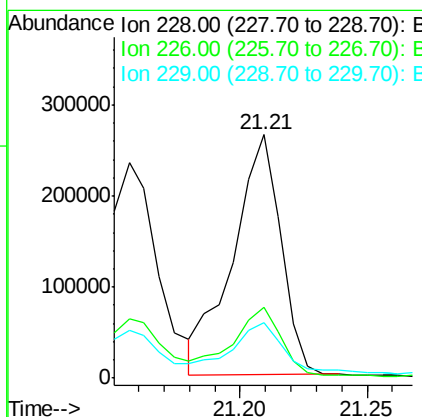
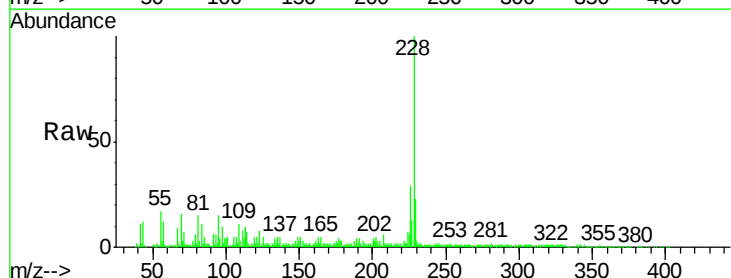
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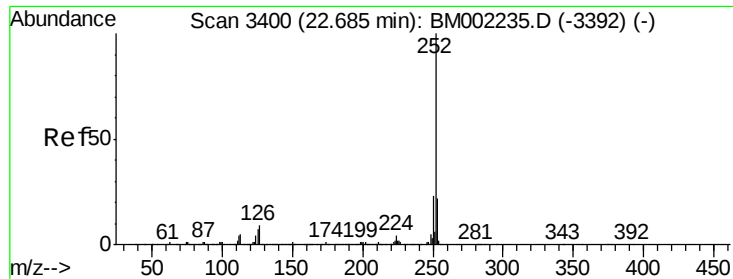
Delta R.T. 0.01 min

Lab File: BM002225.D

Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	348147		
226	29.1	22.2	33.4	
229	22.7	15.5	23.3	





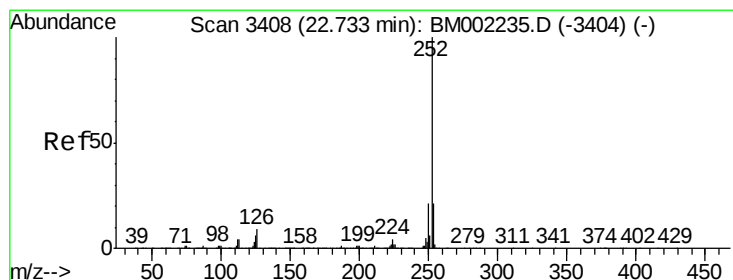
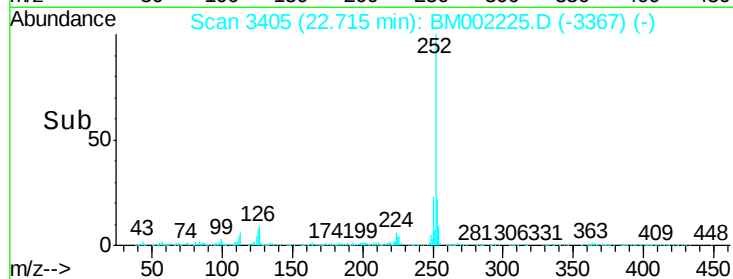
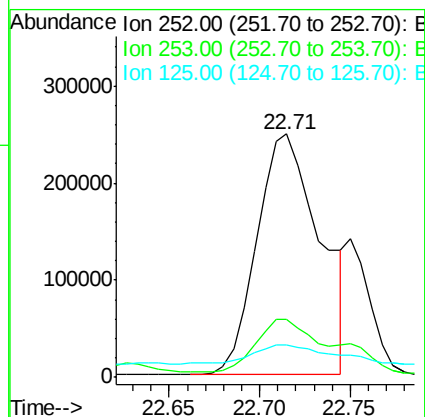
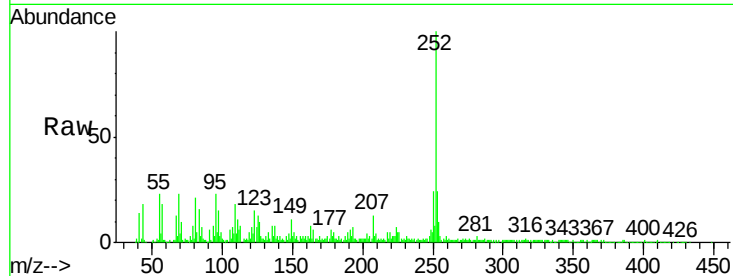
#88
Benzo(b)fluoranthene
Concen: 11.03 ng/ul
RT: 22.71 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Instrument :
BNA_M
ClientSampleId :
C01R4RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	13.5	5.4	8.2

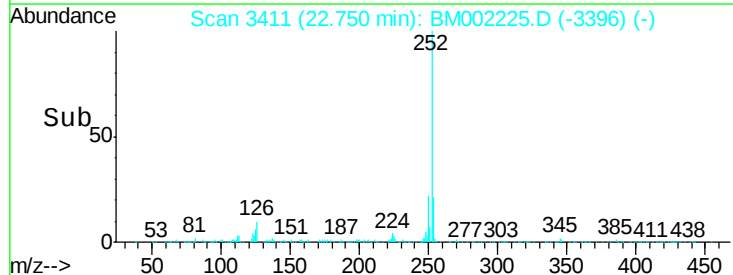
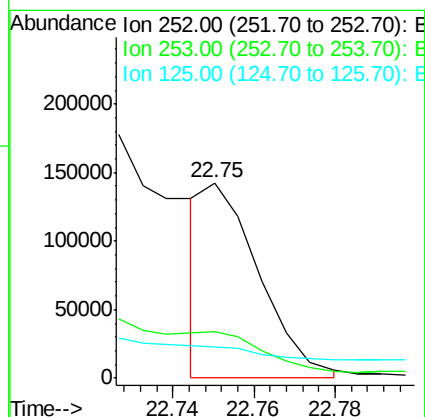
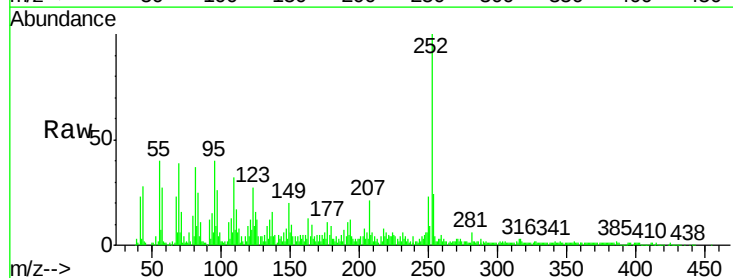
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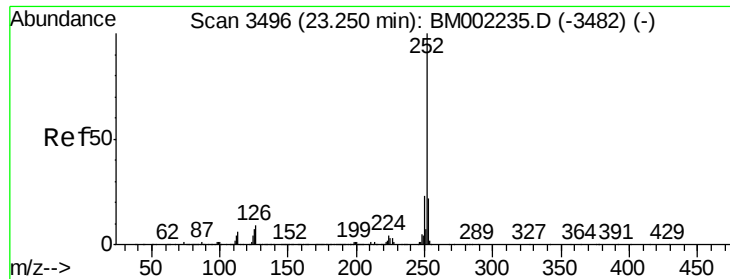
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#89
Benzo(k)fluoranthene
Concen: 2.56 ng/ul m
RT: 22.75 min Scan# 3411
Delta R.T. 0.02 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	16.1	5.6	8.4





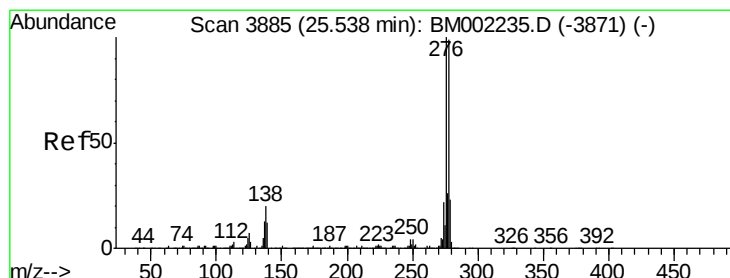
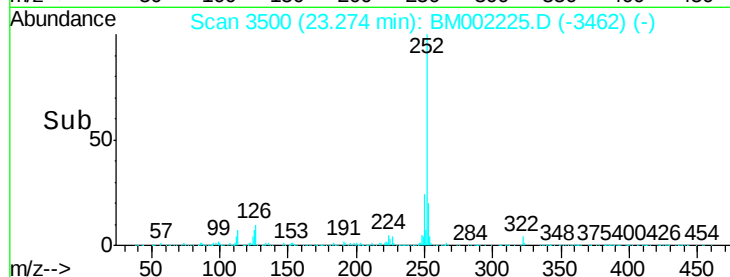
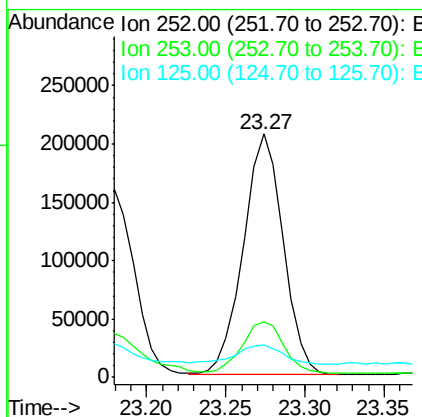
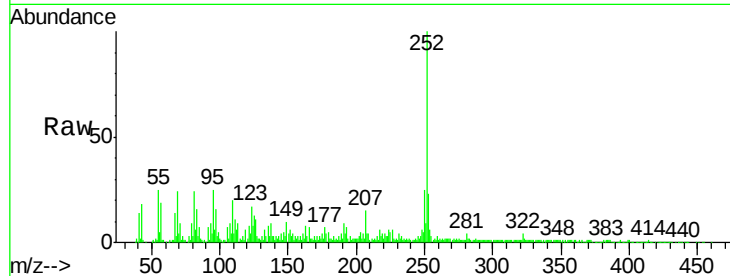
#91
Benzo(a)pyrene
Concen: 6.98 ng/ul
RT: 23.27 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Instrument :
BNA_M
ClientSampleId :
C01R4RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.4	26.0
125	13.5	6.1	9.1

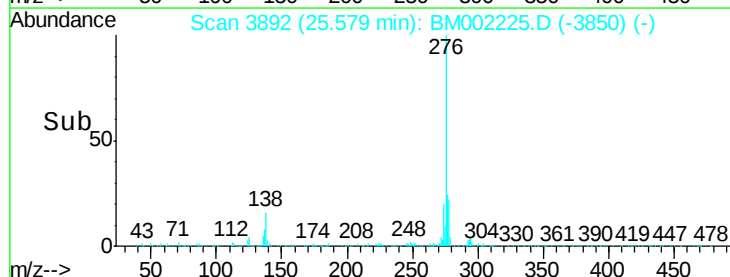
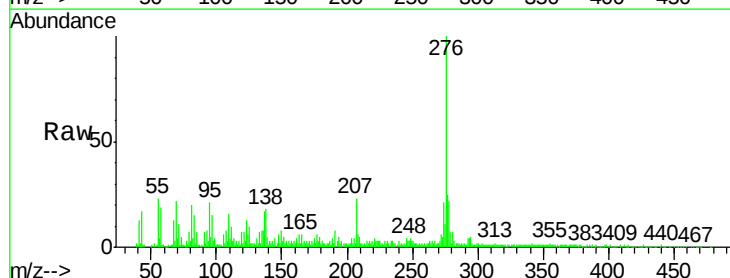
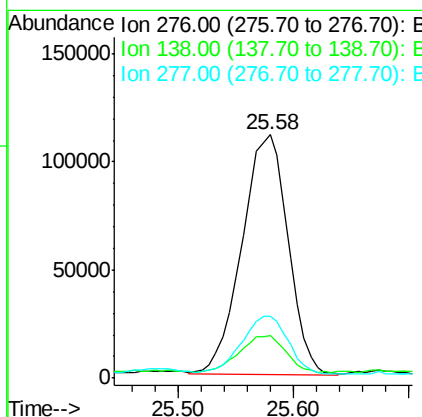
Manual Integrations
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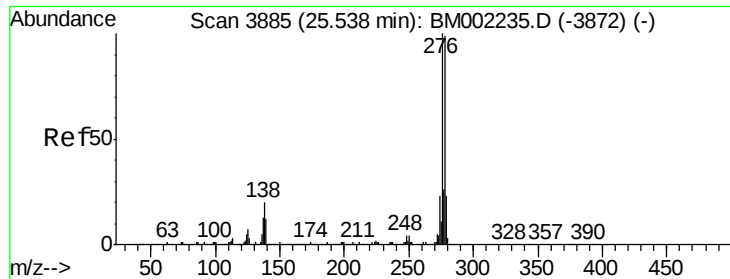
MMDadoda
8/7/2015 4:43:05 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.26 ng/ul
RT: 25.58 min Scan# 3892
Delta R.T. 0.05 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.8	15.4	23.0
277	25.3	20.2	30.2





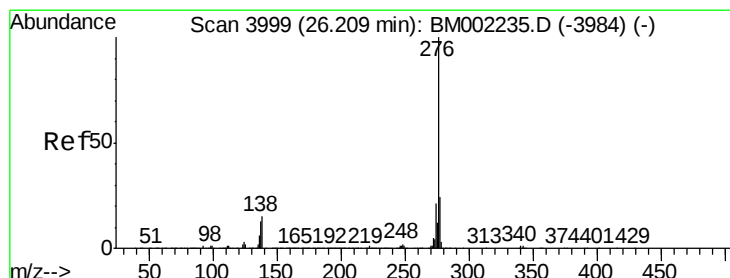
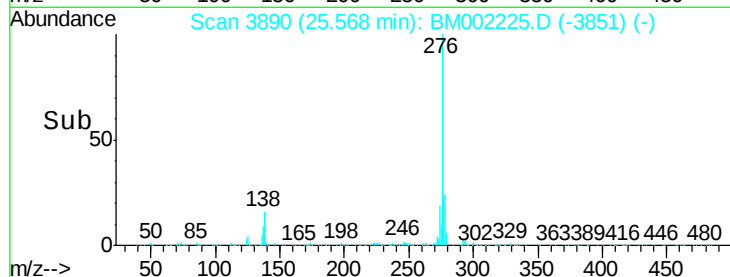
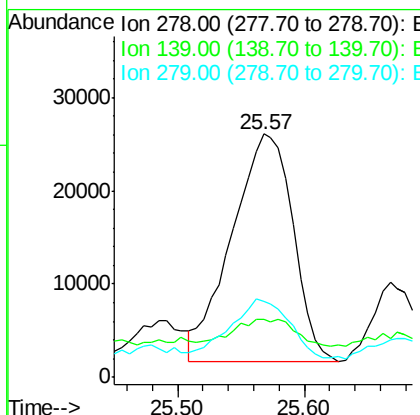
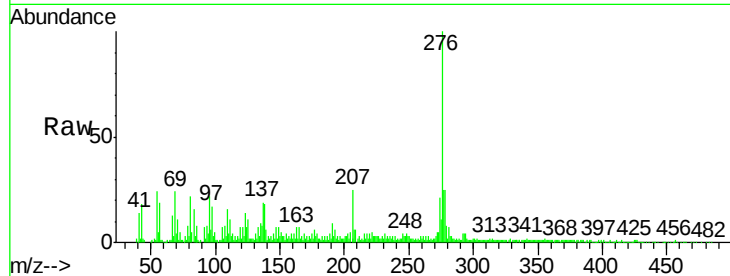
#93
Dibenzo(a,h)anthracene
Concen: 1.64 ng/ul
RT: 25.57 min Scan# 3890
Delta R.T. 0.03 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Instrument :
BNA_M
ClientSampleId :
C01R4RE

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	81868		
139	23.6	10.4	15.6#	
279	31.3	17.9	26.9#	

Manual Integrations
APPROVED

MMDadoda
8/7/2015 4:43:05 PM



#94
Benzo(g,h,i)perylene
Concen: 6.29 ng/ul
RT: 26.26 min Scan# 4007
Delta R.T. 0.05 min
Lab File: BM002225.D
Acq: 05 Aug 2015 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	306303		
138	17.3	12.5	18.7	
277	24.4	19.4	29.0	

