

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
 Data File : BM002141.D
 Acq On : 30 Jul 2015 17:56
 Operator : TP/UM
 Sample : G3048-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C01T0RE

Manual Integrations
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MMDadoda
 8/3/2015 11:53:57 AM

Quant Time: Jul 31 03:54:42 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 31 01:27:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	169395	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	711529	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	411883	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	786241	20.00	ng/ul	0.02
78) Chrysene-d12	21.22	240	709515	20.00	ng/ul	0.02
86) Perylene-d12	23.44	264	707134	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	4314	1.32	ng/uL	0.00
5) Phenol-d5	6.79	99	111423	9.20	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	66471	9.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	100728	9.81	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	59162	6.15	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	50976	10.08	ng/ul	0.01
22) 2-Nitrophenol-d4	9.48	143	49527	8.81	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	97296	8.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	78402	6.59	ng/ul	0.02
44) Dimethylphthalate-d6	13.67	166	315699	10.46	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	329027	8.72	ng/ul	0.01
52) 4-Nitrophenol-d4	14.51	143	16485	3.27	ng/ul	0.04
58) Fluorene-d10	15.26	176	221031	8.33	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	2546	0.53	ng/ul	0.02
71) Anthracene-d10	17.12	188	270983	7.72	ng/ul	0.01
79) Pyrene-d10	19.42	212	244799	8.20	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.29	264	215683	6.29	ng/ul	0.03

Target Compounds

					Qvalue
45) Dimethylphthalate	13.72	163	115191	3.82 ng/ul	100
70) Phenanthrene	17.06	178	209390	5.14 ng/ul	99
72) Anthracene	17.15	178	74902	1.80 ng/ul	97
76) Di-n-butylphthalate	17.98	149	369349	8.71 ng/ul	98
77) Fluoranthene	19.09	202	392560	8.35 ng/ul	99
80) Pyrene	19.45	202	336903	8.73 ng/ul	100
81) Butylbenzylphthalate	20.35	149	56620	3.84 ng/ul	94
83) Benzo(a)anthracene	21.20	228	194353	4.94 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.13	149	243696	10.79 ng/ul	99
85) Chrysene	21.26	228	192724m	5.24 ng/ul	
88) Benzo(b)fluoranthene	22.77	252	266834	6.72 ng/ul#	93
89) Benzo(k)fluoranthene	22.81	252	82620m	2.16 ng/ul	
91) Benzo(a)pyrene	23.33	252	179150	4.67 ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.66	276	130917	2.96 ng/ul	95
94) Benzo(g,h,i)perylene	26.34	276	113752	3.07 ng/ul	93

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

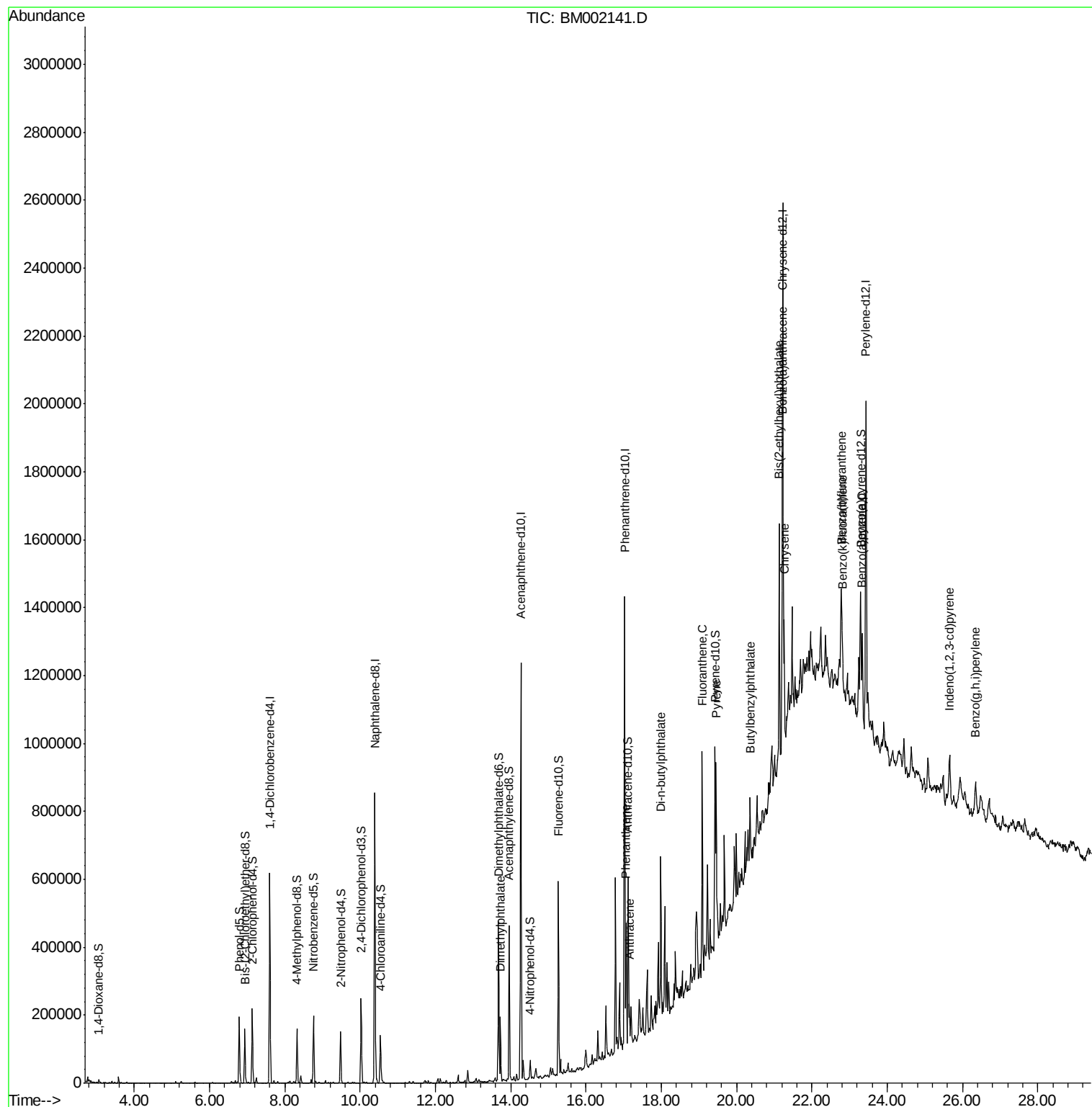
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002141.D
Acq On : 30 Jul 2015 17:56
Operator : TP/UM
Sample : G3048-04RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

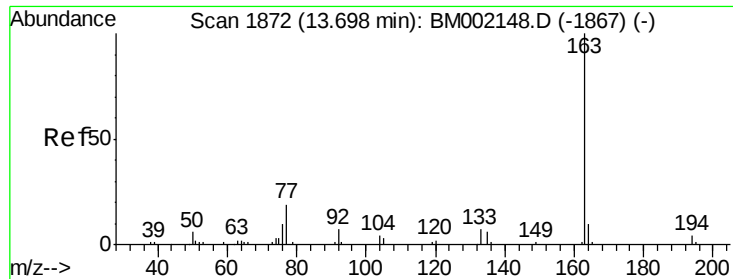
Instrument :
BNA_M
ClientSampleId :
C01T0RE

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
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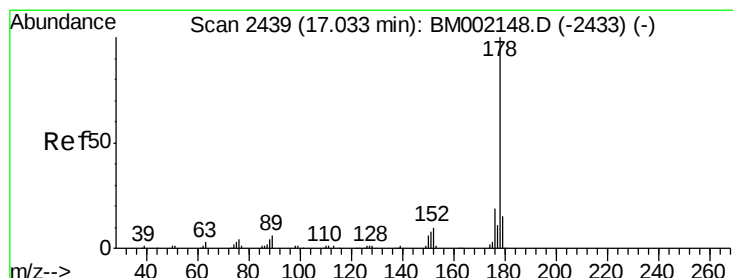
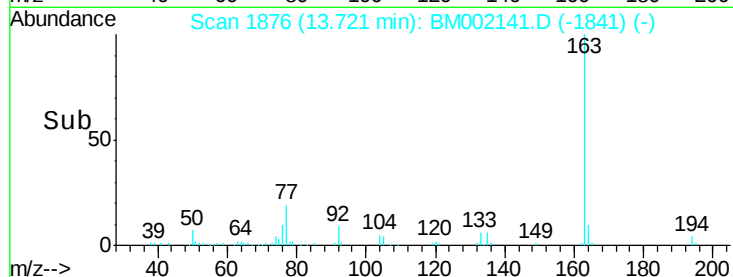
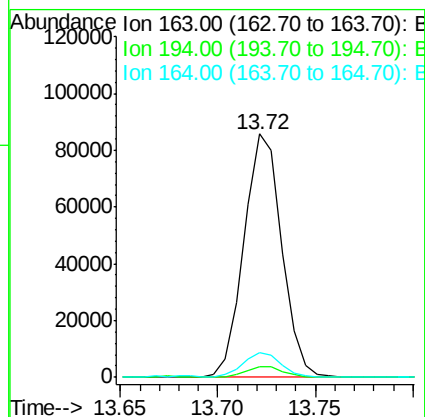
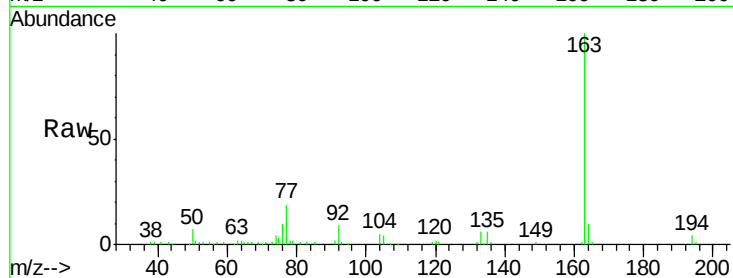
#45
Dimethylphthalate
Concen: 3.82 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM002141.D
Acq: 30 Jul 2015 17:56

Instrument :
BNA_M
ClientSampleId :
C01T0RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	115191		
194	4.3	3.5	5.3	
164	10.1	8.0	12.0	

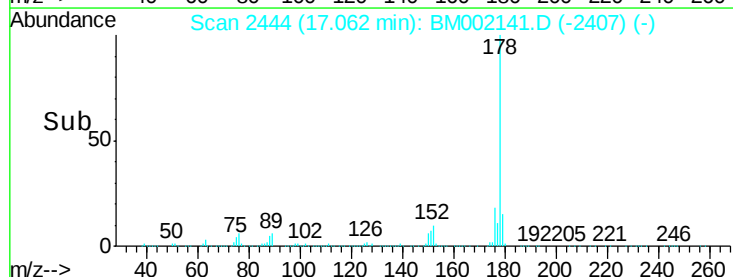
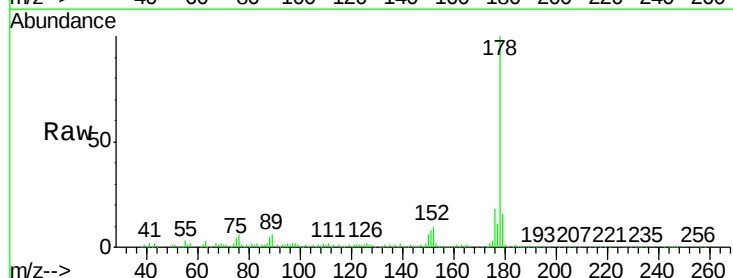
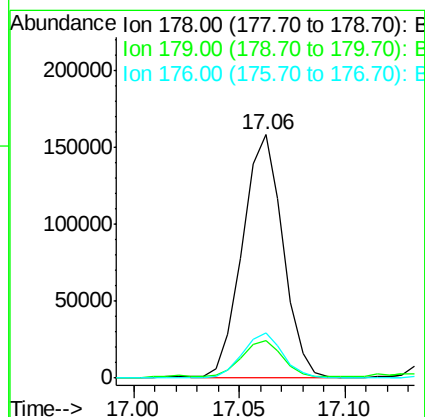
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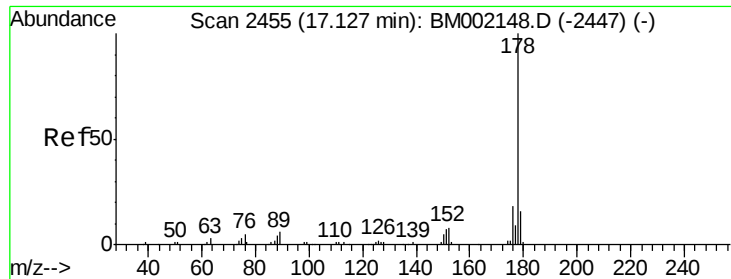
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#70
Phenanthrene
Concen: 5.14 ng/ul
RT: 17.06 min Scan# 2444
Delta R.T. 0.02 min
Lab File: BM002141.D
Acq: 30 Jul 2015 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	209390		
179	15.5	12.5	18.7	
176	18.3	14.2	21.4	





#72

Anthracene

Concen: 1.80 ng/ul

RT: 17.15 min Scan# 2459

Delta R.T. 0.02 min

Lab File: BM002141.D

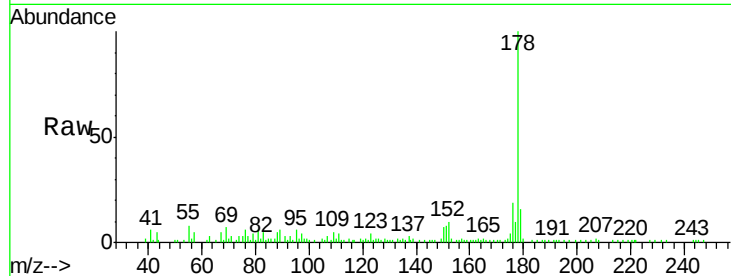
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Instrument :

BNA_M

ClientSampleId :

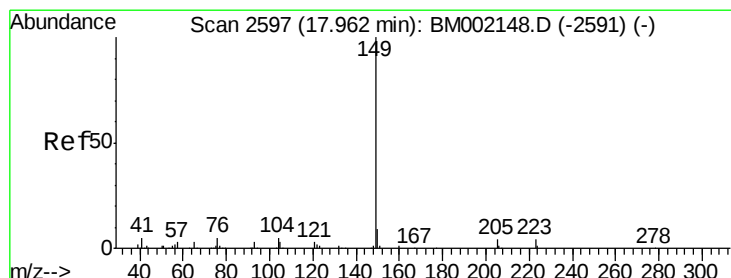
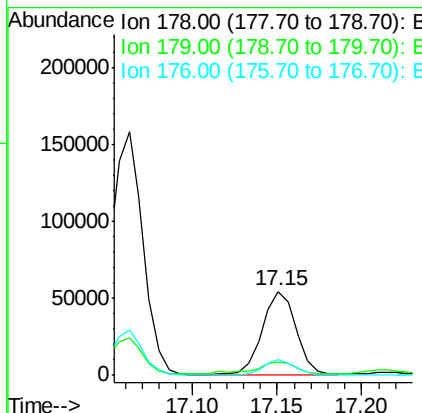
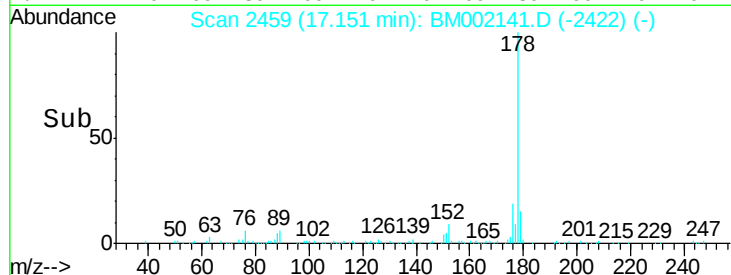
C01T0RE



Tgt Ion:	178	Resp:	74902
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.1	18.1
176	19.1	14.1	21.1

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#76

Di-n-butylphthalate

Concen: 8.71 ng/ul

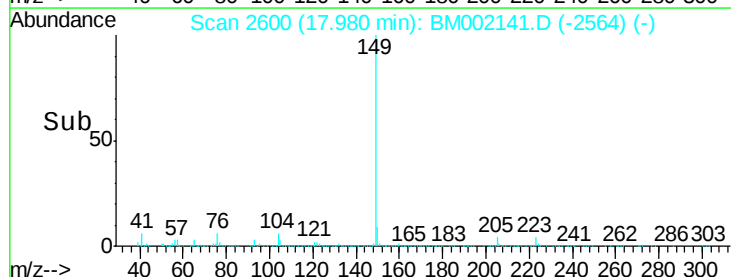
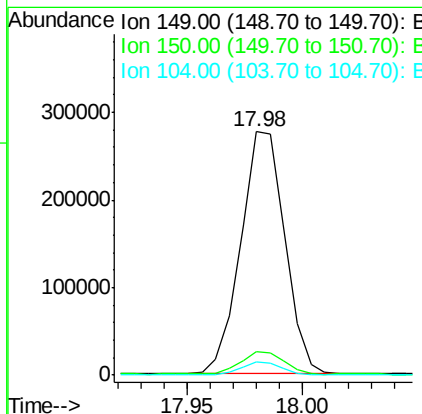
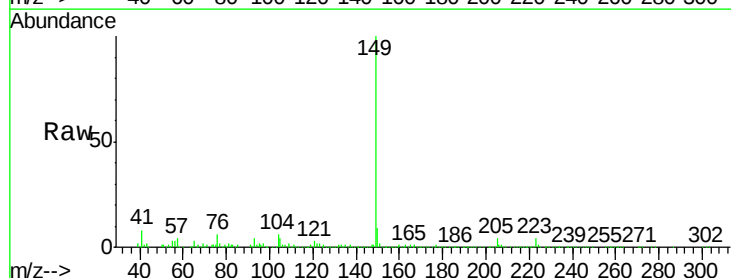
RT: 17.98 min Scan# 2600

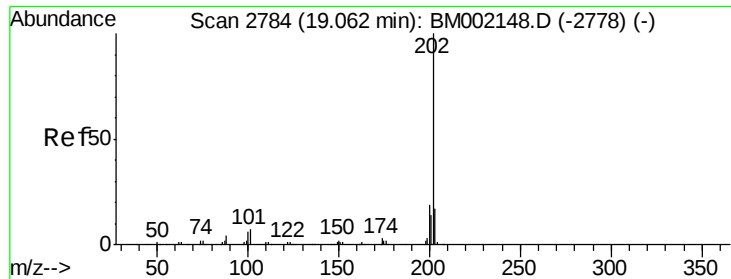
Delta R.T. 0.01 min

Lab File: BM002141.D

Acq: 30 Jul 2015 17:56

Tgt Ion:	149	Resp:	369349
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.0	10.4
104	5.6	4.2	6.2





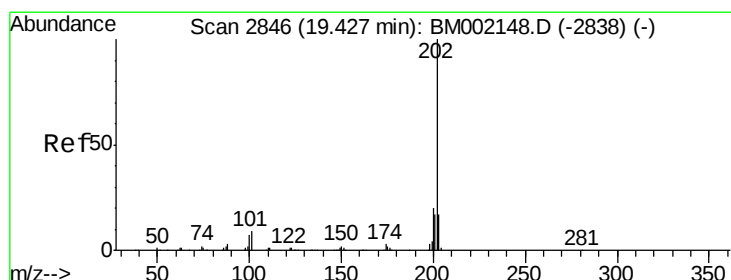
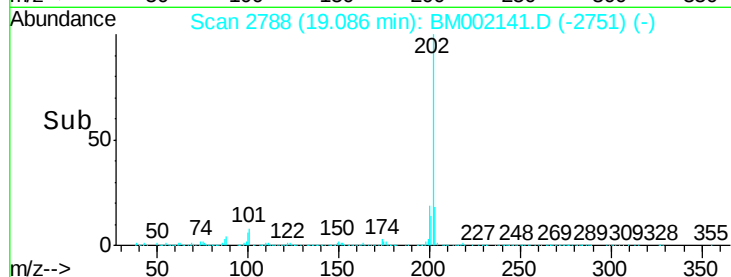
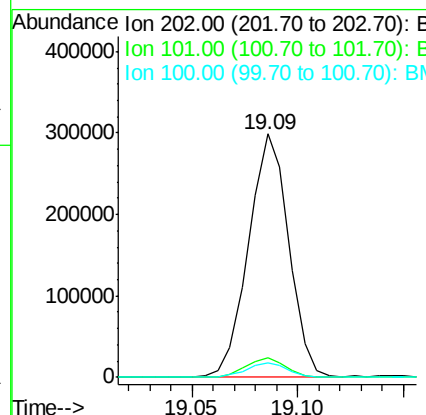
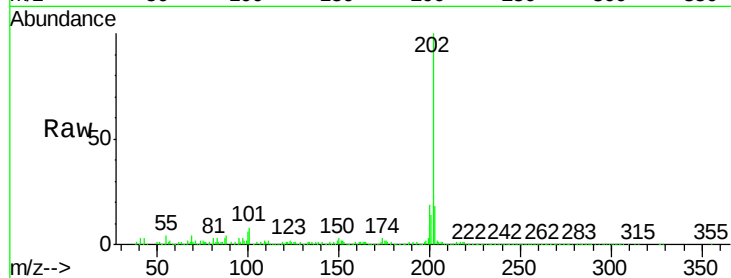
#77
Fluoranthene
 Concen: 8.35 ng/ul
 RT: 19.09 min Scan# 2788
 Delta R.T. 0.02 min
 Lab File: BM002141.D
 Acq: 30 Jul 2015 17:56

Instrument :
 BNA_M
 ClientSampleId :
 C01T0RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.0	6.2	9.4
100	6.1	5.2	7.8

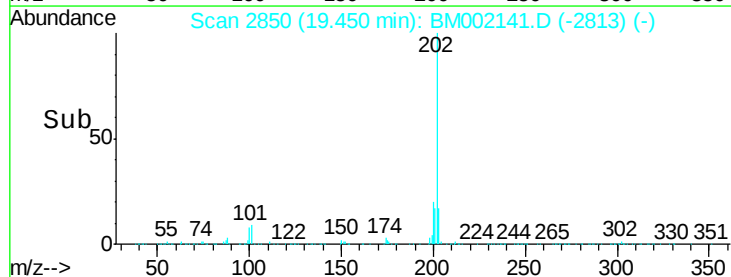
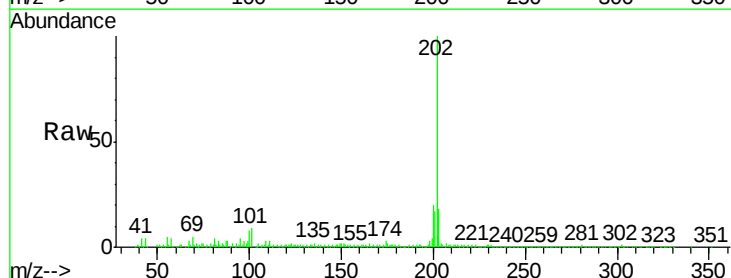
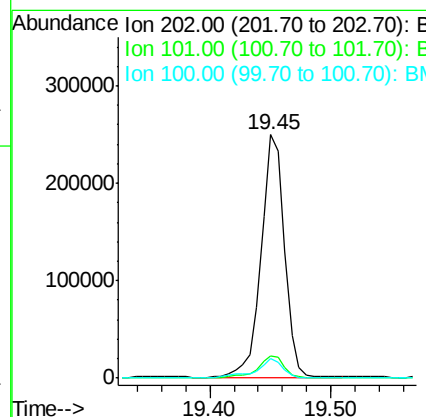
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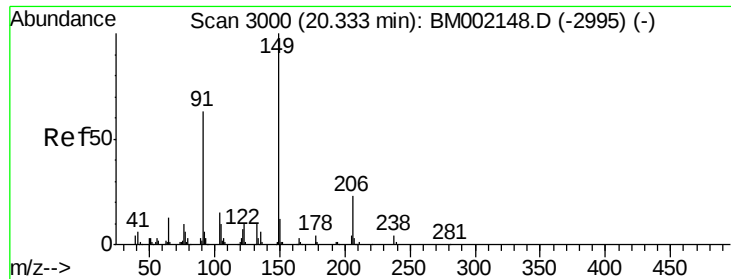
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#80
Pyrene
 Concen: 8.73 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. 0.02 min
 Lab File: BM002141.D
 Acq: 30 Jul 2015 17:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	7.4	11.2
100	8.0	6.3	9.5





#81

Butylbenzylphthalate

Concen: 3.84 ng/ul

RT: 20.35 min Scan# 3003

Delta R.T. 0.01 min

Lab File: BM002141.D

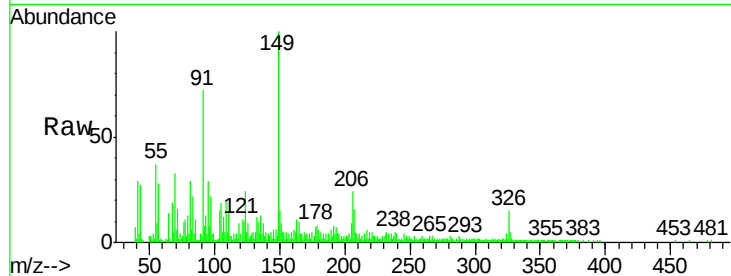
Acq: 30 Jul 2015 17:56

Instrument :

BNA_M

ClientSampleId :

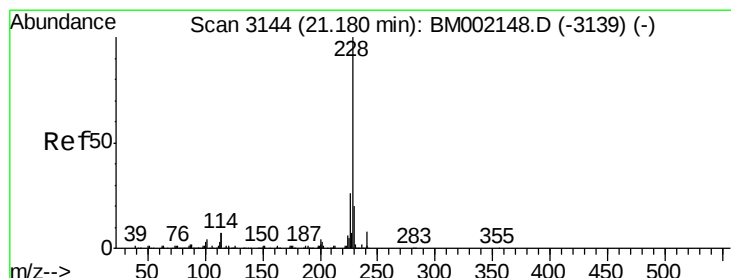
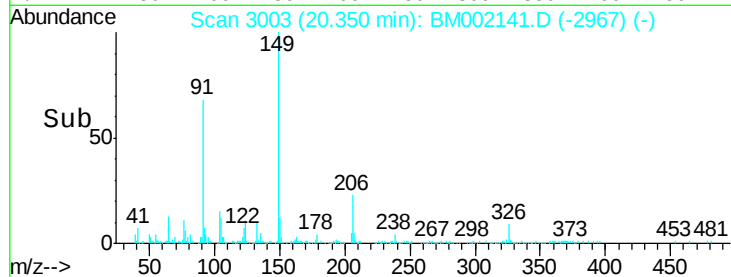
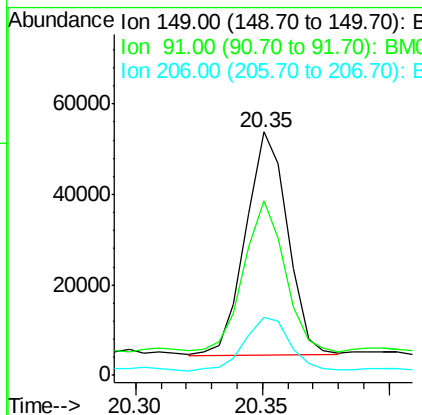
C01T0RE



Tgt Ion:	149	Resp:	56620
Ion Ratio	Lower	Upper	
149	100		
91	71.9	52.4	78.6
206	24.0	19.9	29.9

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#83

Benzo(a)anthracene

Concen: 4.94 ng/ul

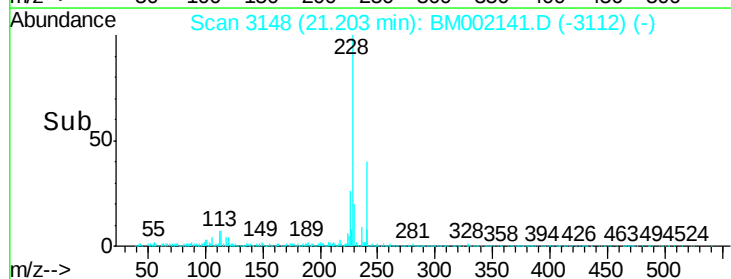
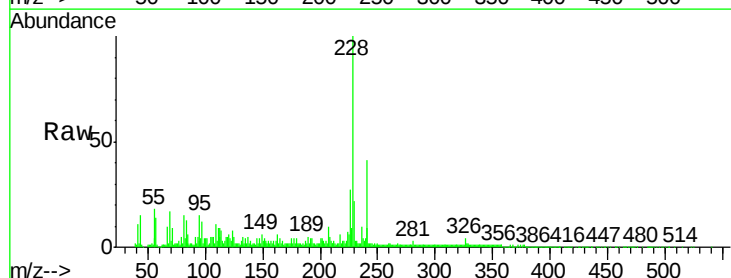
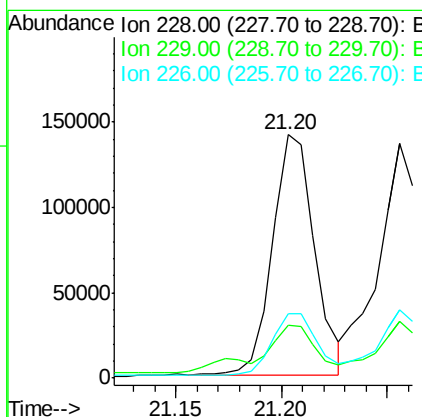
RT: 21.20 min Scan# 3148

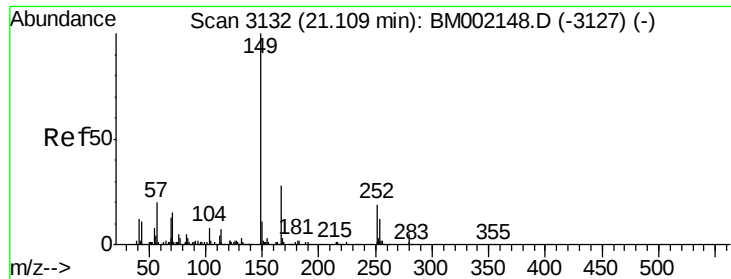
Delta R.T. 0.01 min

Lab File: BM002141.D

Acq: 30 Jul 2015 17:56

Tgt Ion:	228	Resp:	194353
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.4	23.2
226	26.6	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.79 ng/ul

RT: 21.13 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BM002141.D

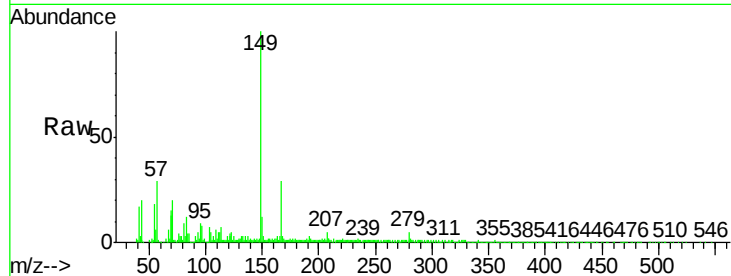
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Instrument :

BNA_M

ClientSampleId :

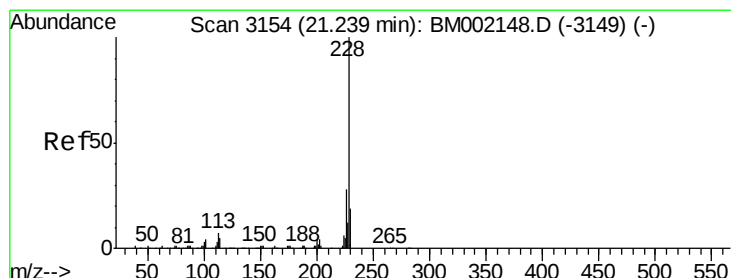
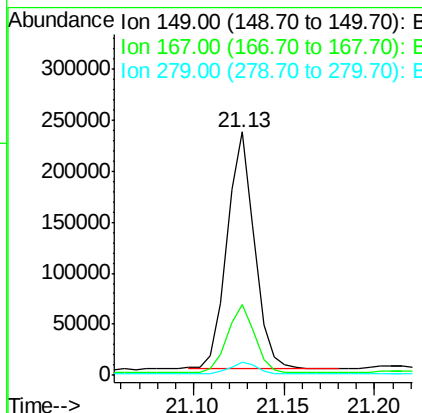
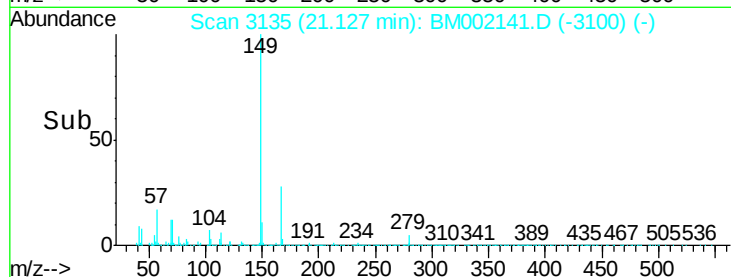
C01T0RE



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	243696		
167	29.0	23.6	35.4	
279	5.3	4.2	6.4	

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#85

Chrysene

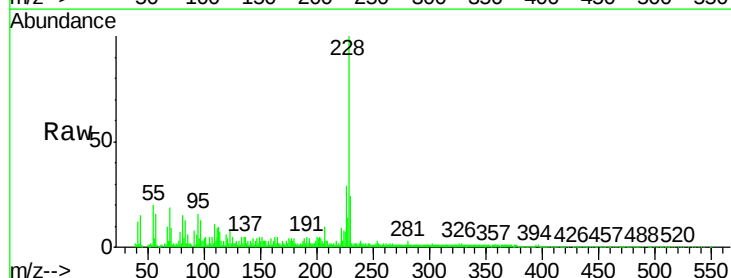
Concen: 5.24 ng/ul m

RT: 21.26 min Scan# 3157

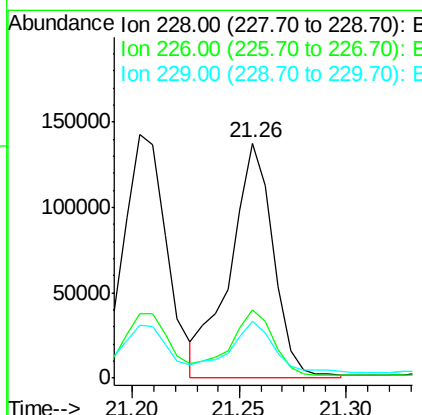
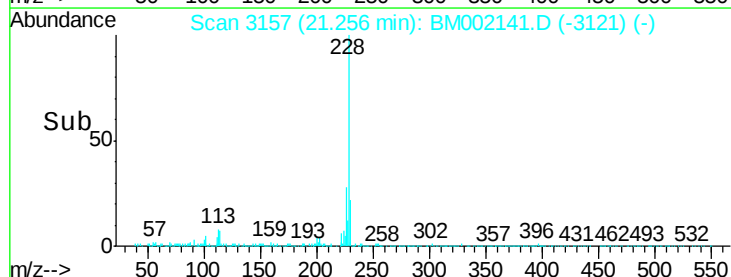
Delta R.T. 0.01 min

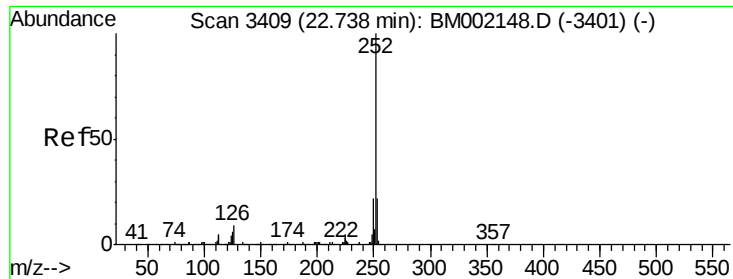
Lab File: BM002141.D

Acq: 30 Jul 2015 17:56



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	192724		
226	29.0	22.3	33.5	
229	24.0	15.5	23.3#	





#88

Benzo(b)fluoranthene

Concen: 6.72 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. 0.03 min

Lab File: BM002141.D

Acq: 30 Jul 2015 17:56

Instrument :

BNA_M

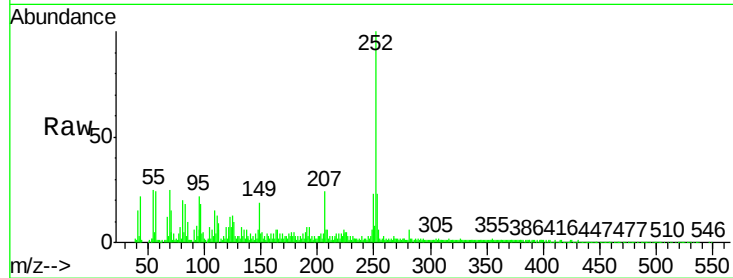
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C01T0RE

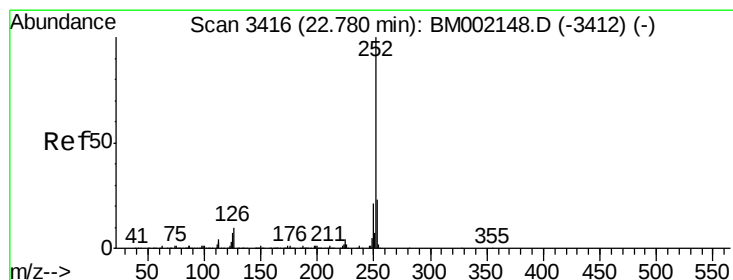
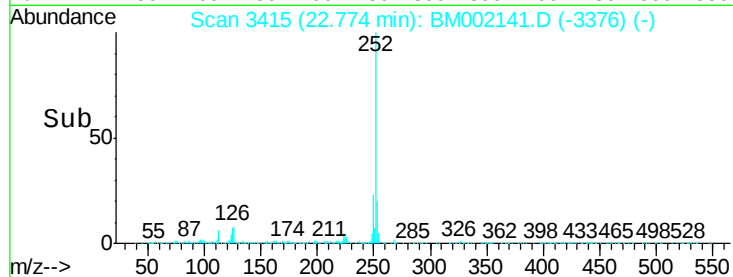
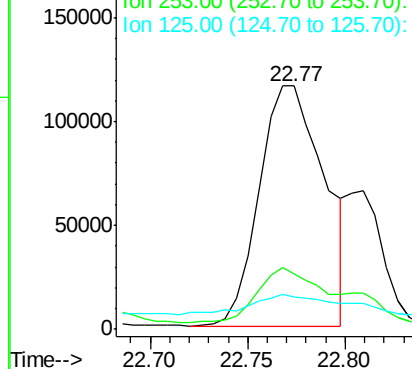
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Ion Ratio	Lower	Upper	
252	100		
253	23.0	16.9	25.3
125	13.1	6.2	9.2#

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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: 2.16 ng/ul m

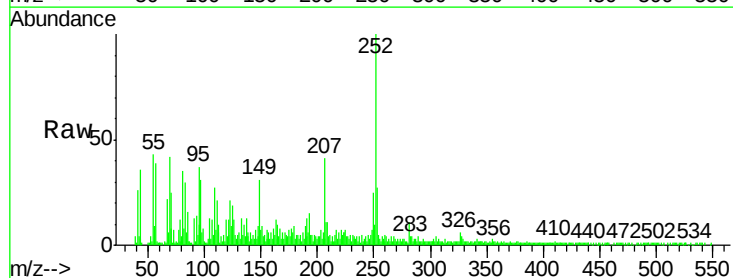
RT: 22.81 min Scan# 3421

Delta R.T. 0.02 min

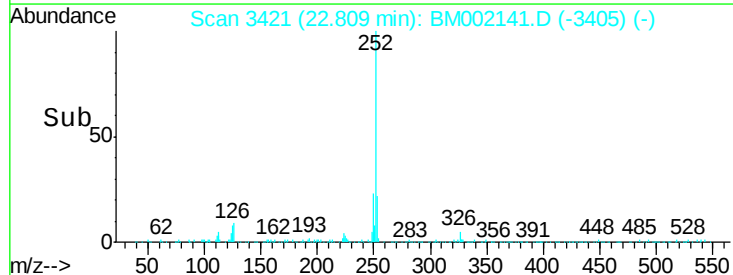
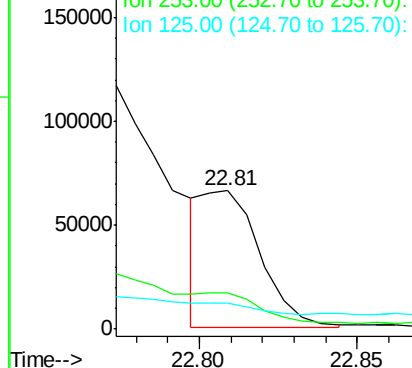
Lab File: BM002141.D

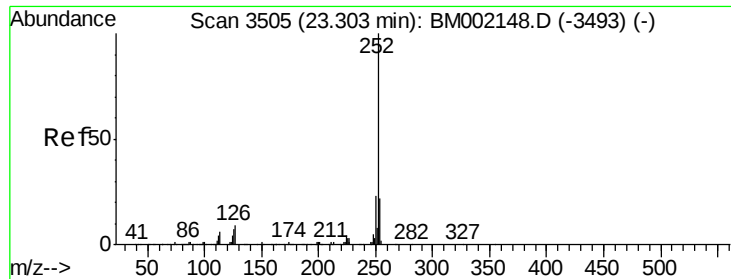
Acq: 30 Jul 2015 17:56

Tgt Ion:	252	Resp:	82620
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.4	26.0#
125	18.9	6.2	9.4#



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





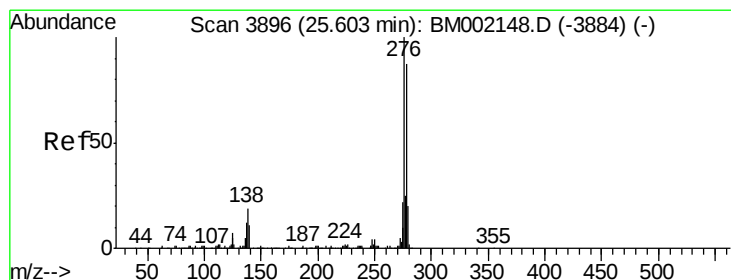
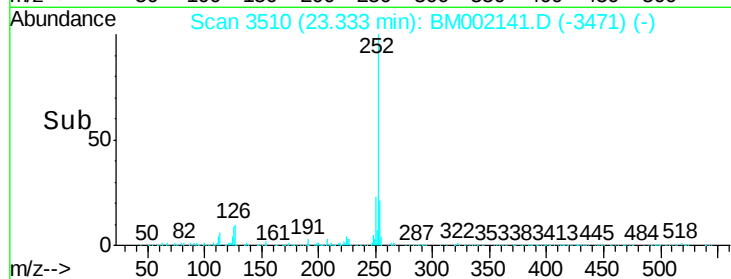
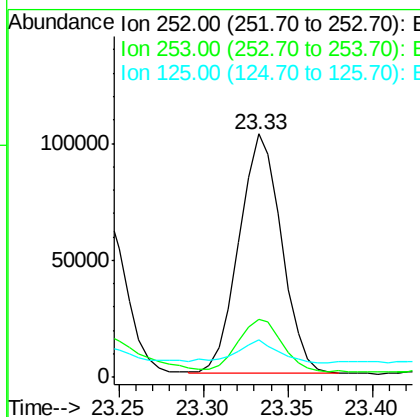
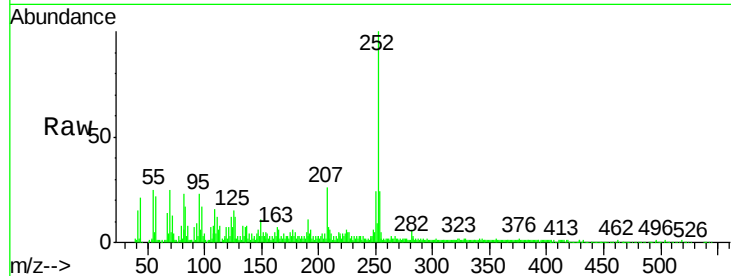
#91
Benzo(a)pyrene
Concen: 4.67 ng/ul
RT: 23.33 min Scan# 3510
Delta R.T. 0.03 min
Lab File: BM002141.D
Acq: 30 Jul 2015 17:56

Instrument :
BNA_M
ClientSampleId :
C01T0RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	17.2	25.8
125	15.3	6.6	10.0

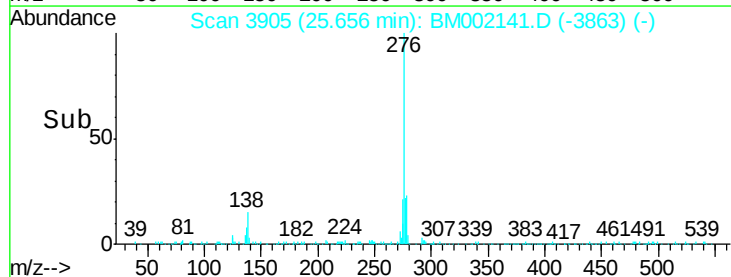
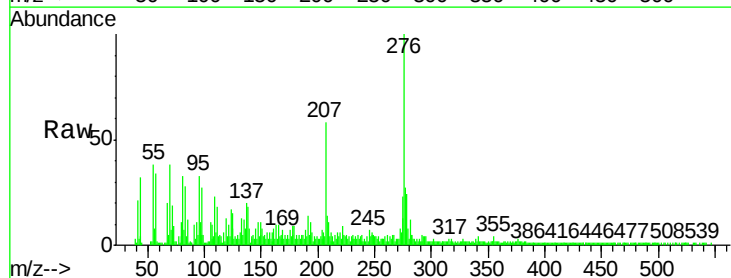
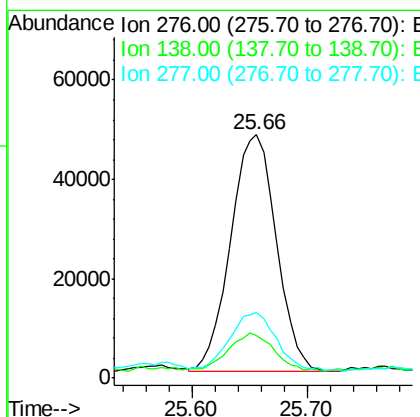
Manual Integrations
APPROVED

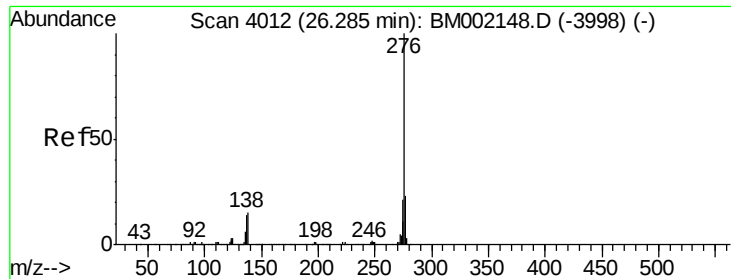
MMDadoda
8/3/2015 11:53:57 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.96 ng/ul
RT: 25.66 min Scan# 3905
Delta R.T. 0.05 min
Lab File: BM002141.D
Acq: 30 Jul 2015 17:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	17.5	16.2	24.2
277	26.8	19.8	29.8





#94
 Benzo(g,h,i)perylene
 Concen: 3.07 ng/ul
 RT: 26.34 min Scan# 4022
 Delta R.T. 0.06 min
 Lab File: BM002141.D
 Acq: 30 Jul 2015 17:56

Instrument :
 BNA_M
 ClientSampleId :
 C01T0RE

Tgt Ion:	276	Resp:	113752
Ion Ratio	Lower	Upper	
276	100		
138	19.9	13.8	20.6
277	26.0	18.2	27.2

Manual Integrations
 APPROVED

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 8/3/2015 11:53:57 AM

