

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001456.D
 Acq On : 29 May 2015 22:44
 Operator : TP/IZ
 Sample : G2411-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB7

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:27:03 PM

Quant Time: May 30 04:11:38 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	144123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	626389	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	377812	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	780287	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	706525	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	628668	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	7342	2.54	ng/uL	0.00
5) Phenol-d5	6.58	99	170830	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	108327	16.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	147982	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	132194	14.69	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	68129	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	79788	17.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	156277	16.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	108581	9.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	451398	17.04	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	611248	16.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	64676	11.97	ng/ul	0.00
57) Fluorene-d10	15.07	176	432141	16.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	33804	7.04	ng/ul	0.00
70) Anthracene-d10	16.92	188	613616	17.06	ng/ul	0.00
76) Pyrene-d10	19.22	212	621009	20.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	488060	17.56	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.20	105	49190	3.34	ng/ul	94
44) Dimethylphthalate	13.53	163	300582	10.05	ng/ul#	98
69) Phenanthrene	16.86	178	333943	7.69	ng/ul	99
71) Anthracene	16.95	178	90936	2.03	ng/ul	99
73) Di-n-butylphthalate	17.80	149	69200	1.44	ng/ul#	95
74) Fluoranthene	18.89	202	642700	12.21	ng/ul	99
77) Pyrene	19.25	202	532884	12.62	ng/ul	98
80) Benzo(a)anthracene	21.01	228	279548	6.78	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	20.96	149	33539	1.27	ng/ul	99
82) Chrysene	21.06	228	267620	6.89	ng/ul	96
85) Benzo(b)fluoranthene	22.50	252	352398	9.16	ng/ul	100
86) Benzo(k)fluoranthene	22.53	252	93546m	2.54	ng/ul	
88) Benzo(a)pyrene	23.02	252	225960	6.26	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.16	276	146327	3.85	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.17	278	39420	1.24	ng/ul#	87
91) Benzo(g,h,i)perylene	25.79	276	134903	4.30	ng/ul	96

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

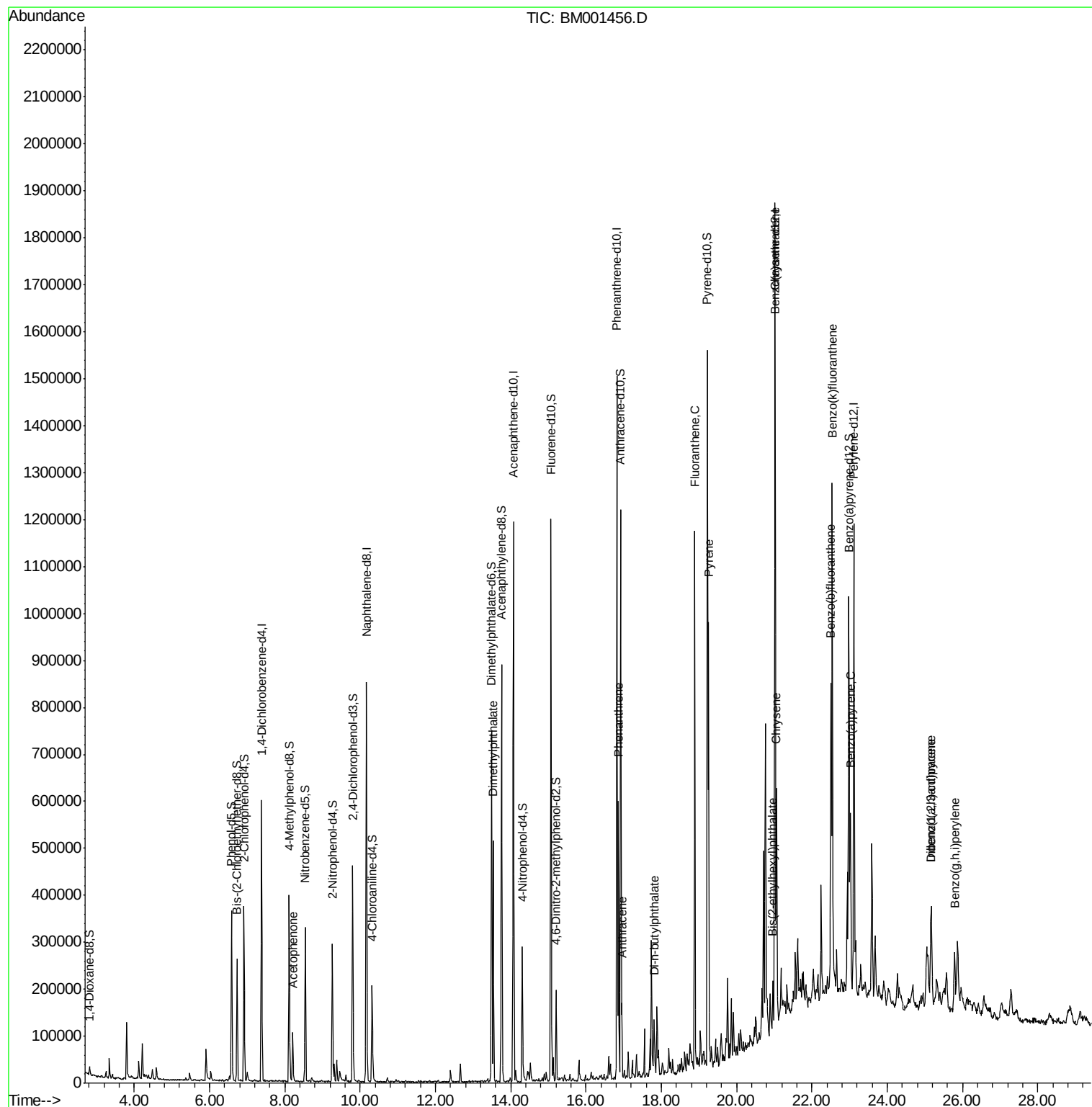
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001456.D
Acq On : 29 May 2015 22:44
Operator : TP/IZ
Sample : G2411-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

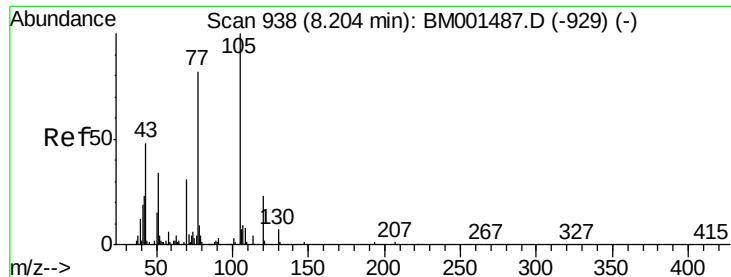
Instrument :
BNA_M
ClientSampleId :
BCRB7

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Quant Time: May 30 04:11:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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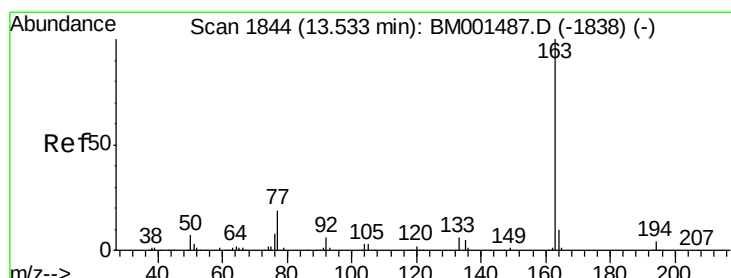
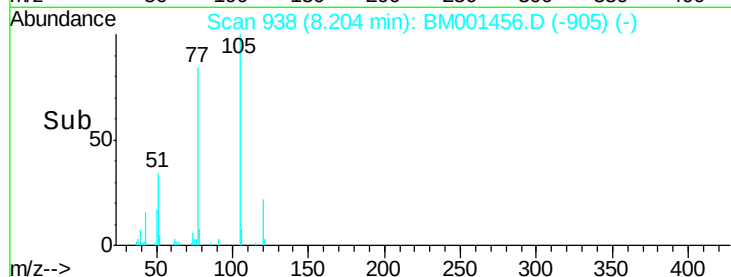
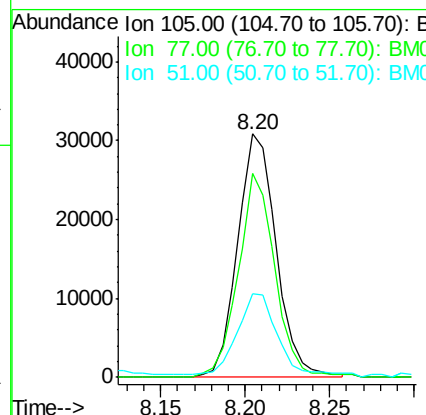
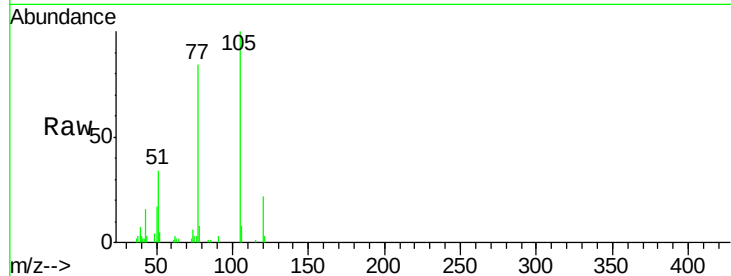
#14
Acetophenone
Concen: 3.34 ng/ul
RT: 8.20 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM001456.D
Acq: 29 May 2015 22:44

Instrument :
BNA_M
ClientSampleId :
BCRB7

Tgt Ion:	105	Resp:	49190
Ion Ratio		Lower	Upper
105	100		
77	83.9	61.6	92.4
51	34.2	27.5	41.3

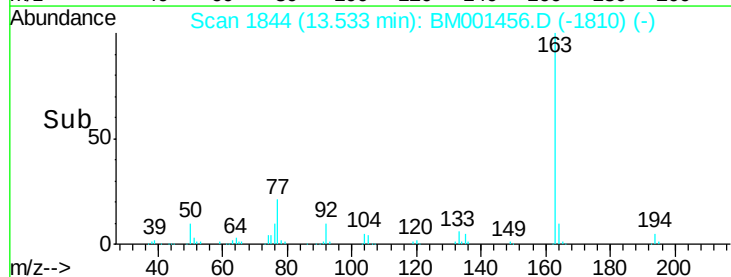
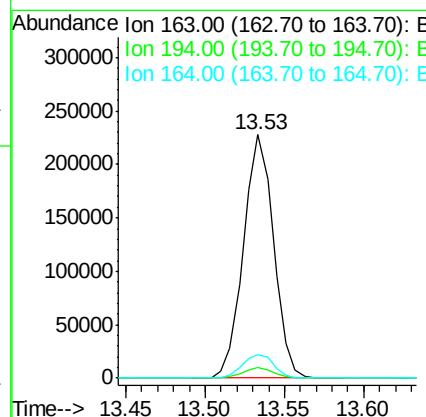
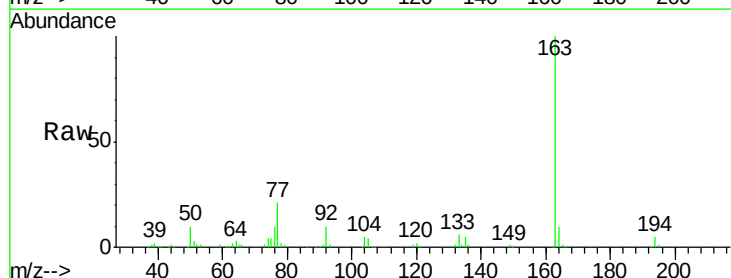
Manual Integrations
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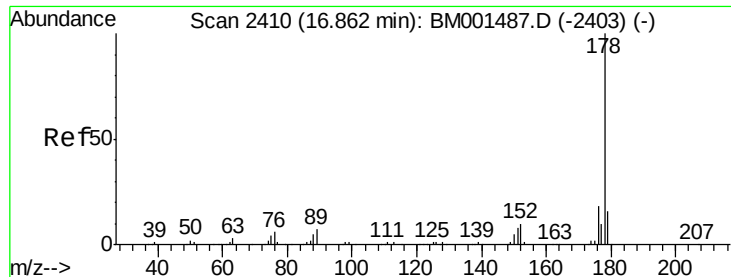
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#44
Dimethylphthalate
Concen: 10.05 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001456.D
Acq: 29 May 2015 22:44

Tgt Ion:	163	Resp:	300582
Ion Ratio		Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	9.5	8.2	12.4





#69

Phenanthrene

Concen: 7.69 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Instrument :

BNA_M

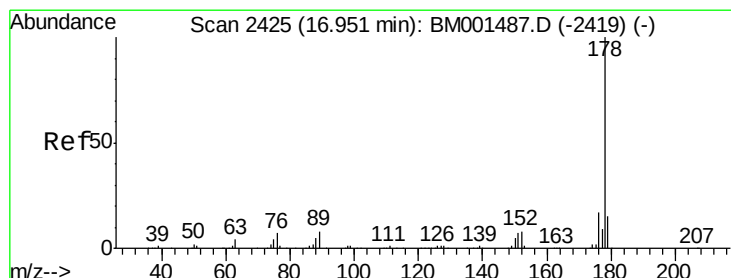
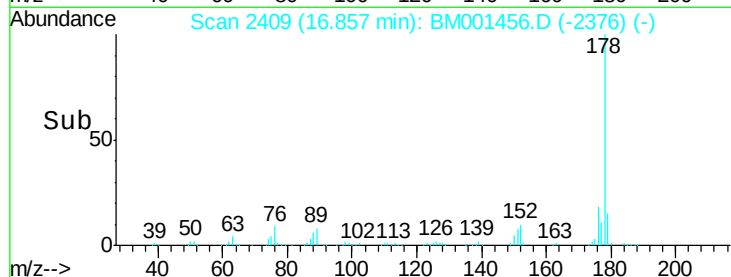
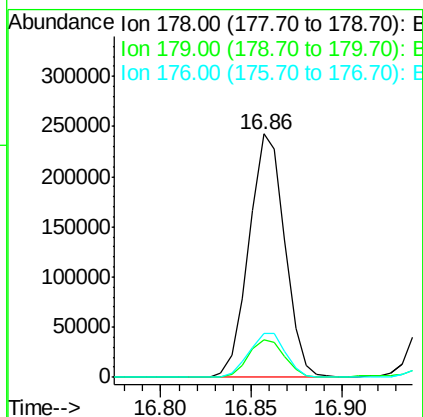
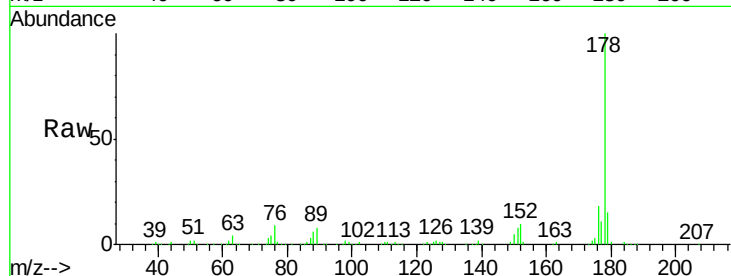
ClientSampleId :

BCRB7

Tgt Ion:	178	Resp:	333943
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.9	17.9
176	18.0	15.0	22.4

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#71

Anthracene

Concen: 2.03 ng/ul

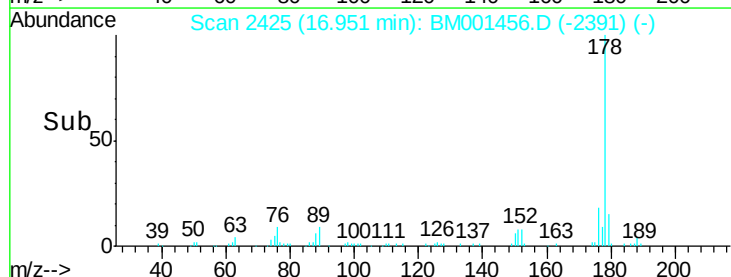
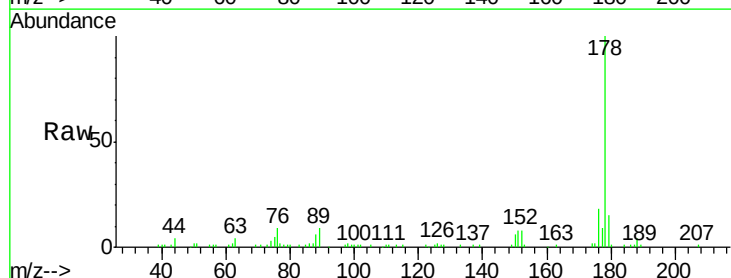
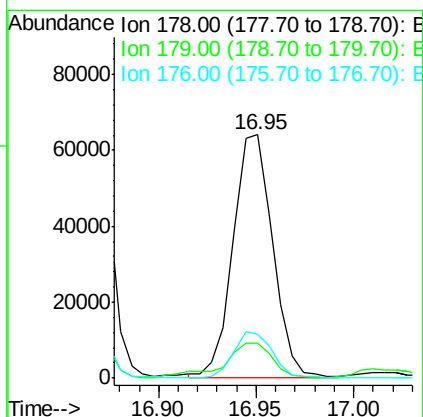
RT: 16.95 min Scan# 2425

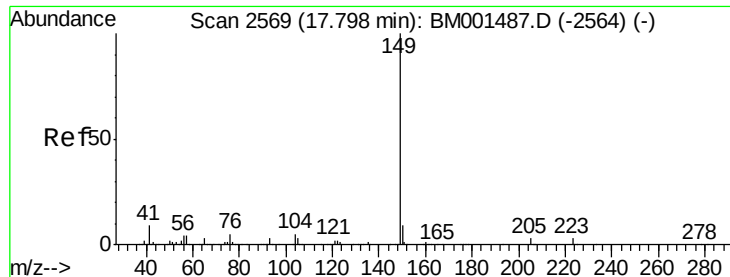
Delta R.T. 0.00 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Tgt Ion:	178	Resp:	90936
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.1	18.1
176	17.9	14.5	21.7





#73

Di-n-butylphthalate

Concen: 1.44 ng/ul

RT: 17.80 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Instrument :

BNA_M

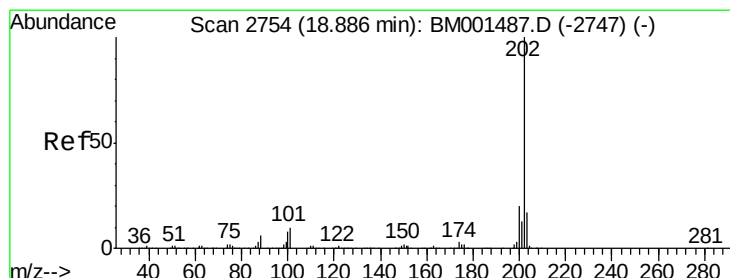
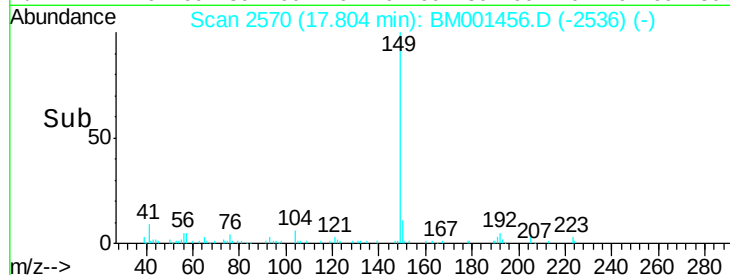
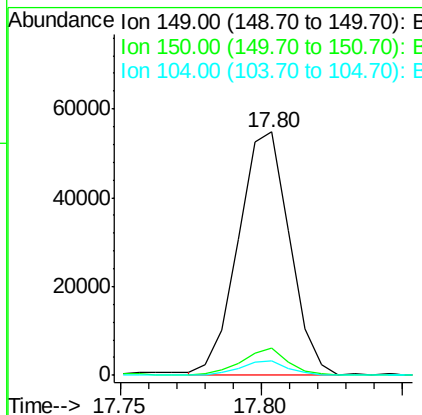
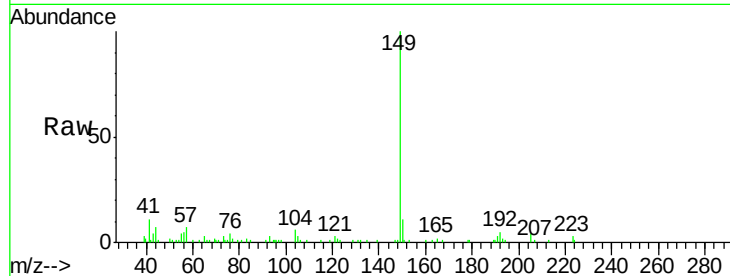
ClientSampleId :

BCRB7

Tgt Ion:	149	Resp:	69200
Ion Ratio	Lower	Upper	
149	100		
150	11.0	6.9	10.3#
104	5.7	4.0	6.0

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#74

Fluoranthene

Concen: 12.21 ng/ul

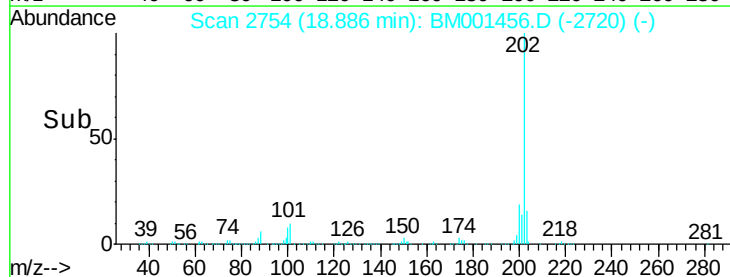
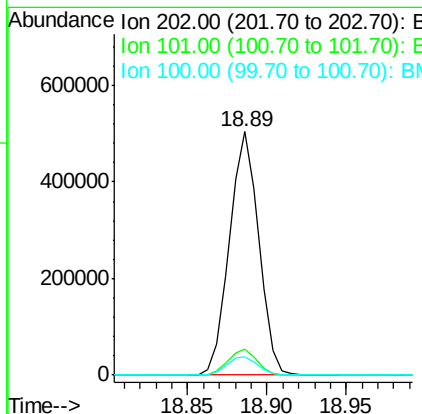
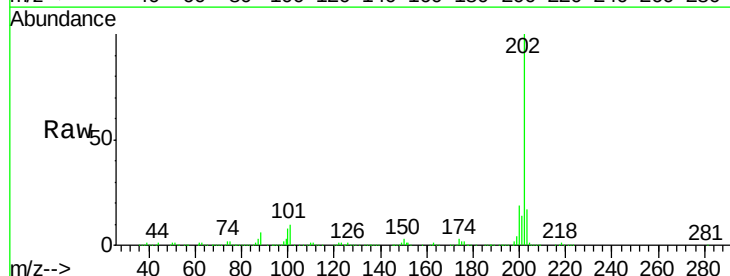
RT: 18.89 min Scan# 2754

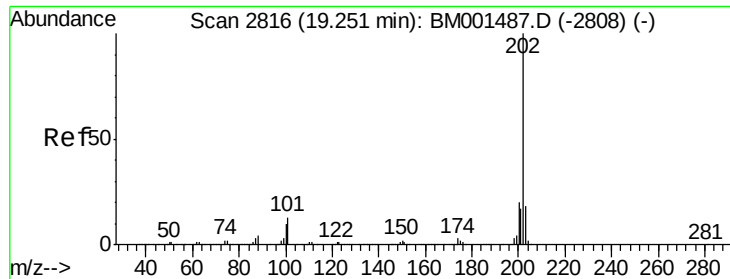
Delta R.T. 0.00 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Tgt Ion:	202	Resp:	642700
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.6	12.8
100	7.7	6.5	9.7





#77

Pyrene

Concen: 12.62 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Instrument :

BNA_M

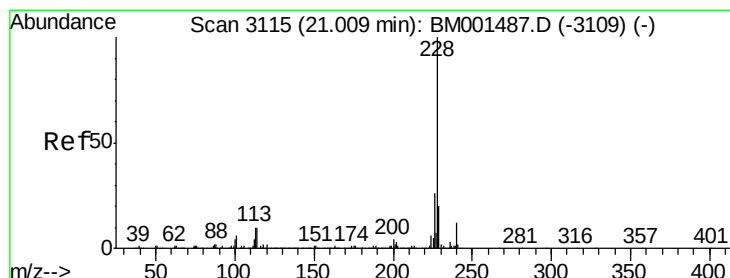
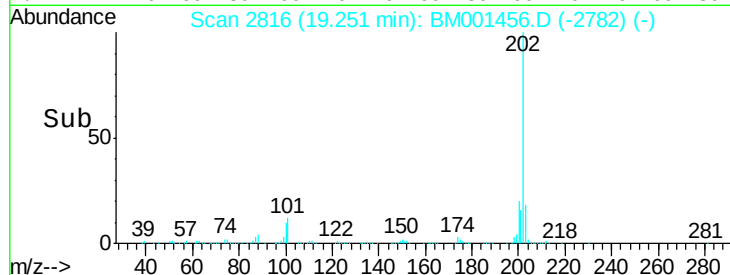
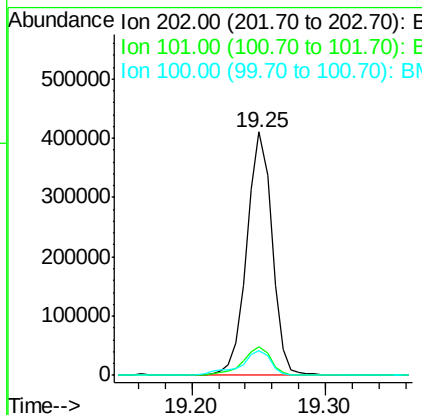
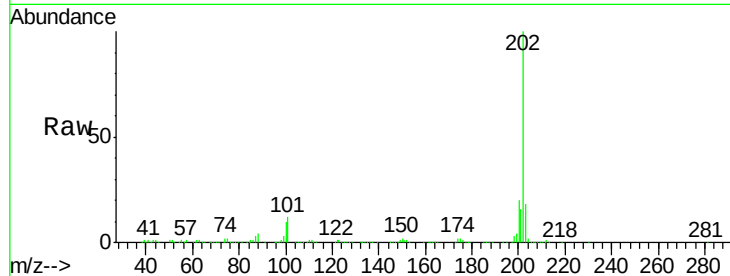
ClientSampled :

BCRB7

Tgt	Ion	202	Resp:	532884
Ion	Ratio	Lower	Upper	
202	100			
101	11.9	10.3	15.5	
100	10.4	8.6	12.8	

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#80

Benzo(a)anthracene

Concen: 6.78 ng/ul

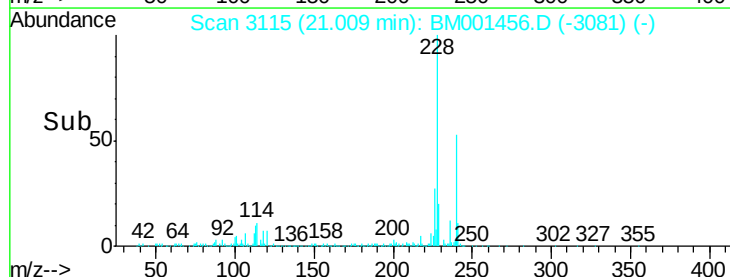
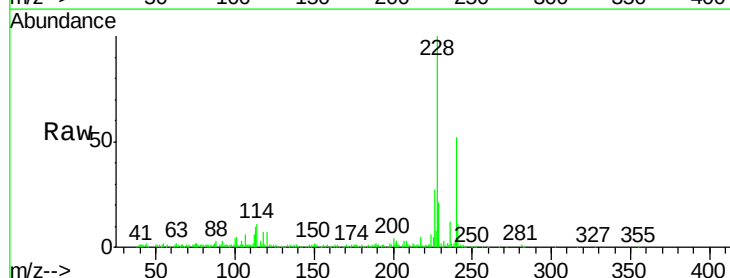
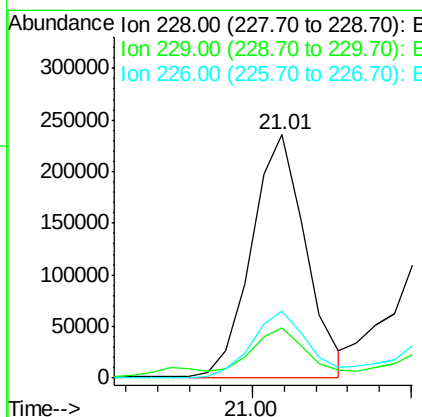
RT: 21.01 min Scan# 3115

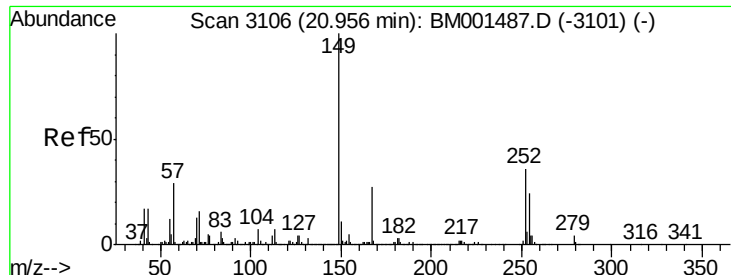
Delta R.T. 0.00 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Tgt	Ion	228	Resp:	279548
Ion	Ratio	Lower	Upper	
228	100			
229	20.9	15.8	23.8	
226	27.3	20.6	30.8	





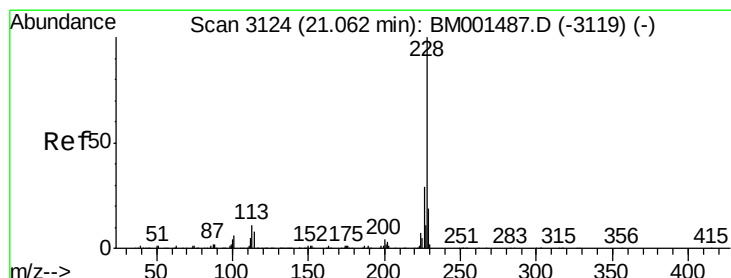
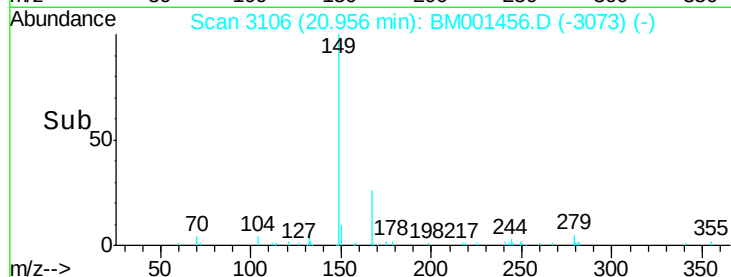
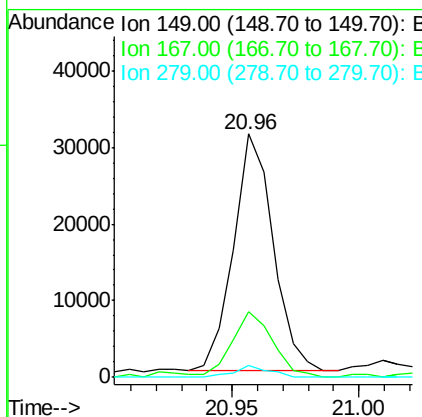
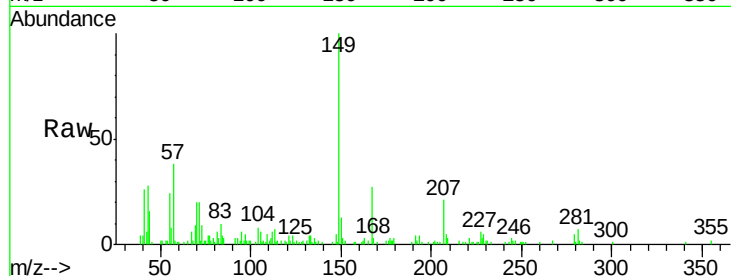
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 Bis(2-ethylhexyl)phthalate
 Concen: 1.27 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM001456.D
 Acq: 29 May 2015 22:44

Instrument :
 BNA_M
 ClientSampleId :
 BCRB7

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	33539		
167	26.9	21.2	31.8	
279	4.7	3.1	4.7	

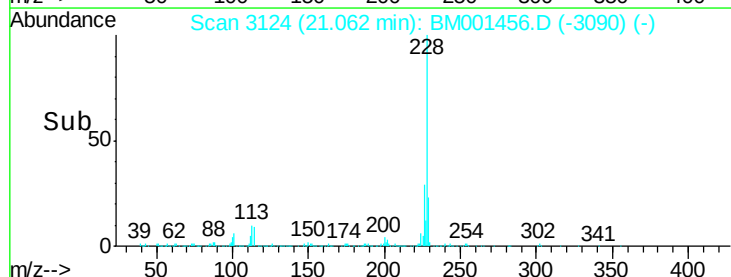
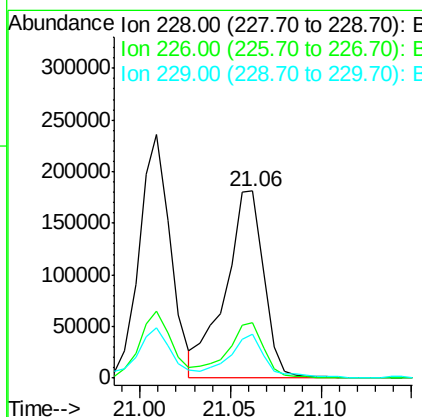
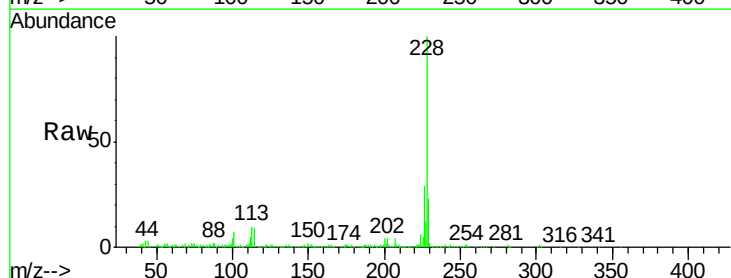
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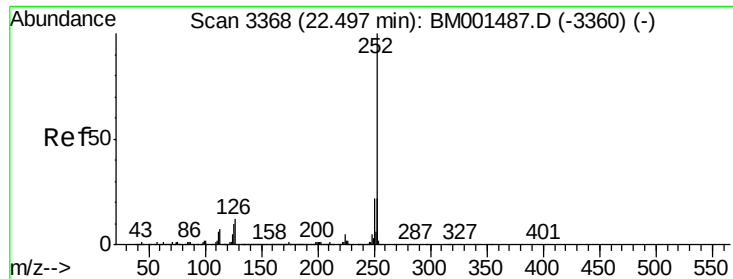
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#82
 Chrysene
 Concen: 6.89 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BM001456.D
 Acq: 29 May 2015 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	267620		
226	29.3	23.0	34.4	
229	23.2	15.7	23.5	





#85

Benzo(b)fluoranthene

Concen: 9.16 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Instrument :

BNA_M

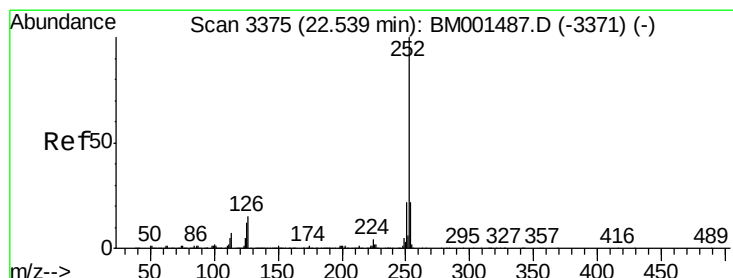
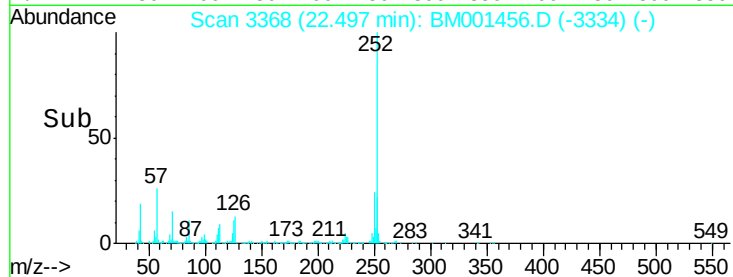
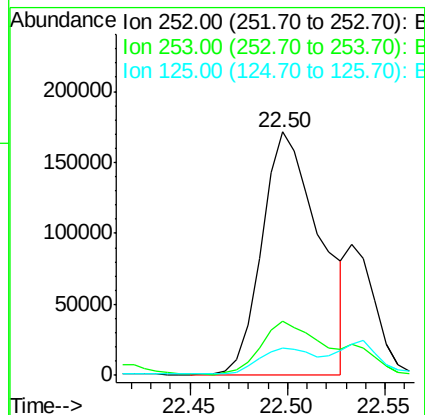
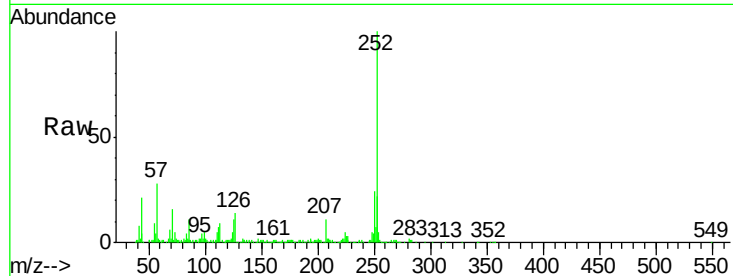
ClientSampleId :

BCRB7

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		352398		
253	22.4	18.0	27.0		
125	11.1	8.6	12.8		

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 2.54 ng/ul m

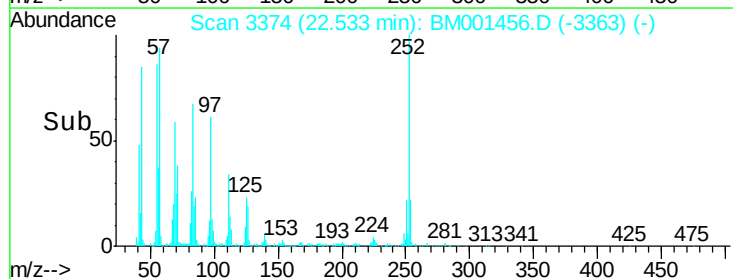
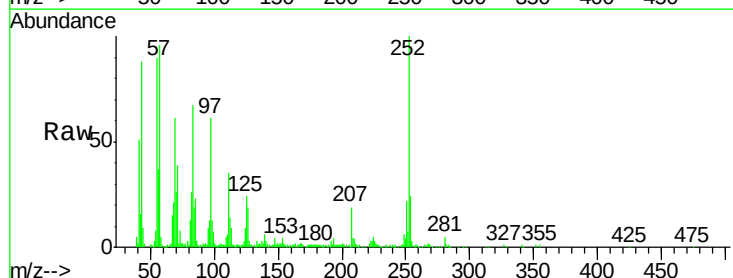
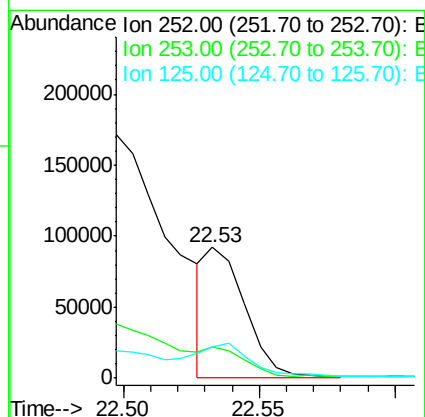
RT: 22.53 min Scan# 3374

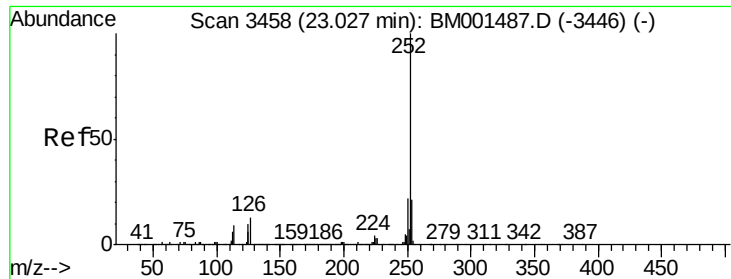
Delta R.T. -0.01 min

Lab File: BM001456.D

Acq: 29 May 2015 22:44

Tgt	Ion	Ratio	Resp	Lower	Upper
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253	23.6	17.4	26.0		
125	23.6	8.6	13.0#		





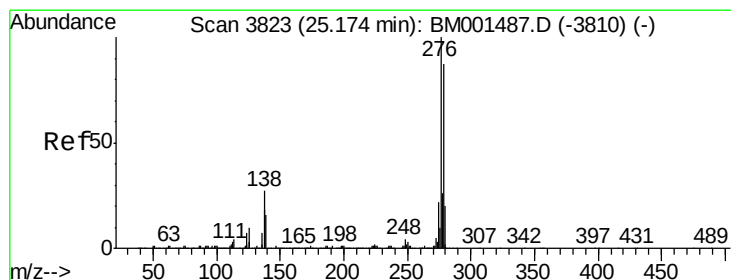
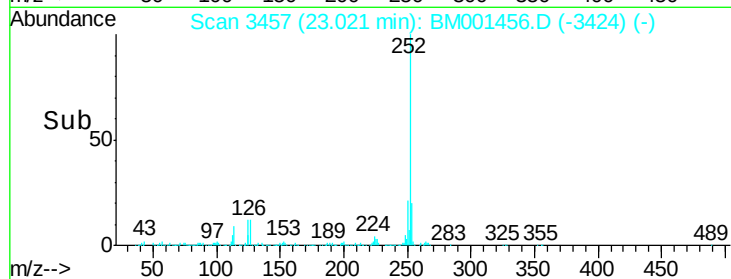
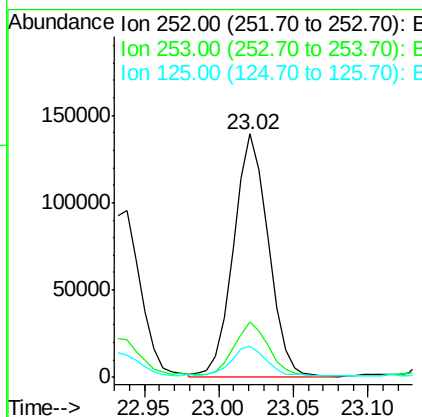
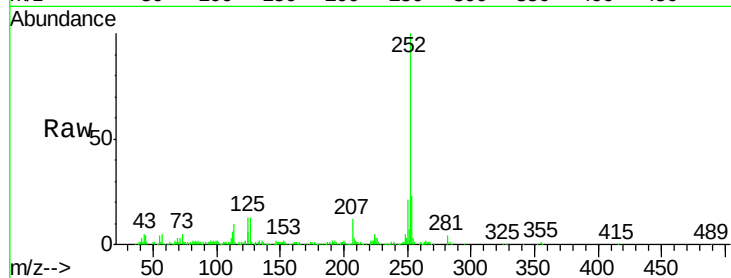
#88
Benzo(a)pyrene
Concen: 6.26 ng/ul
RT: 23.02 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BM001456.D
Acq: 29 May 2015 22:44

Instrument :
BNA_M
ClientSampleId :
BCRB7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	225960		
253	22.7	17.0	25.4	
125	12.9	8.8	13.2	

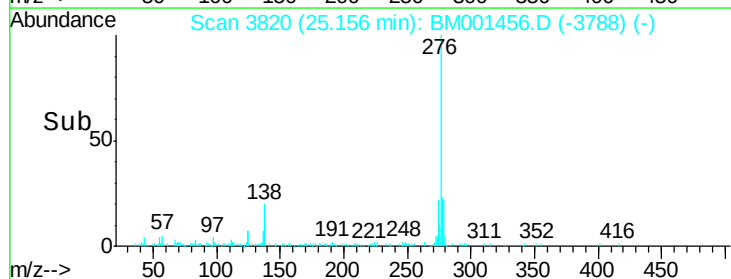
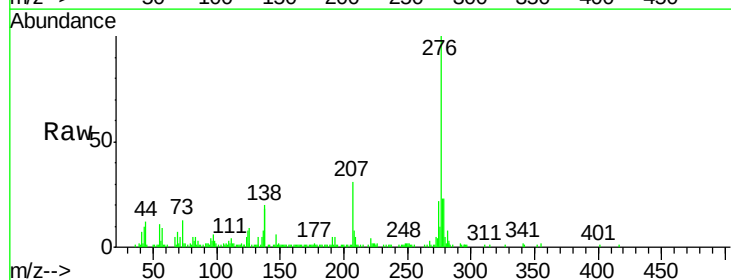
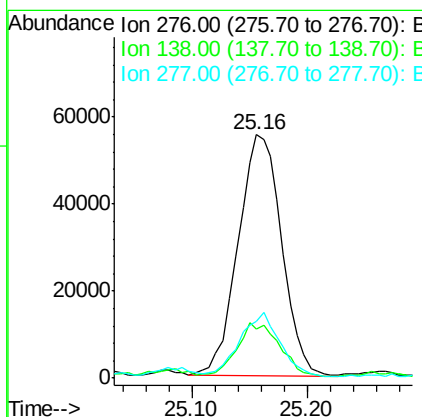
Manual Integrations
APPROVED

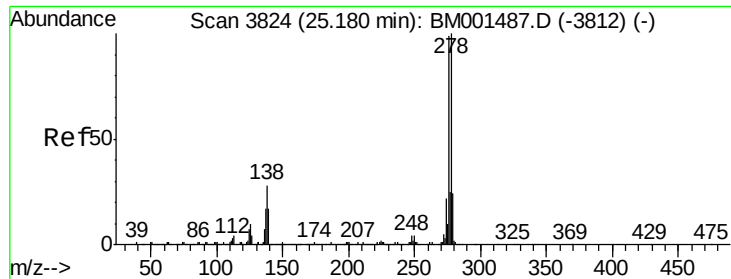
apatel
6/1/2015 4:27:03 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 3.85 ng/ul
RT: 25.16 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BM001456.D
Acq: 29 May 2015 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	146327		
138	20.1	20.6	31.0#	
277	23.5	19.2	28.8	





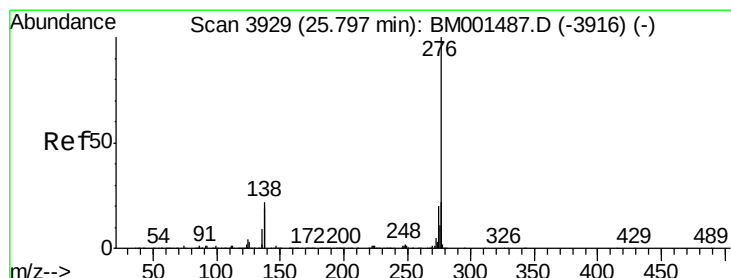
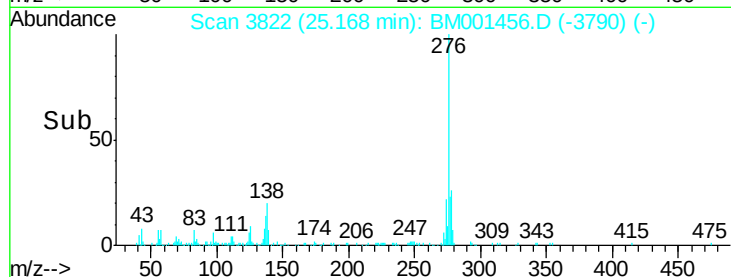
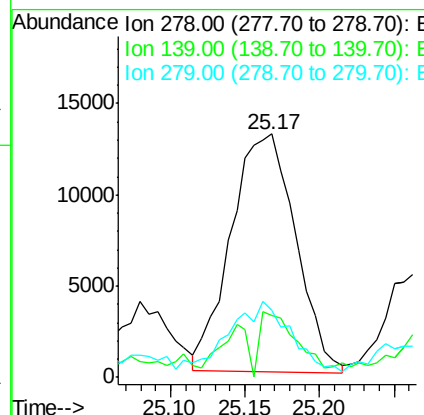
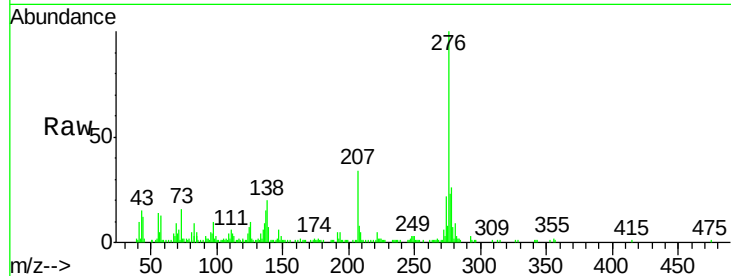
#90
Dibenzo(a,h)anthracene
Concen: 1.24 ng/ul
RT: 25.17 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BM001456.D
Acq: 29 May 2015 22:44

Instrument :
BNA_M
ClientSampleId :
BCRB7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.6	13.8	20.8#
279	27.3	18.3	27.5

Manual Integrations
APPROVED

apatel
6/1/2015 4:27:03 PM



#91
Benzo(g,h,i)perylene
Concen: 4.30 ng/ul
RT: 25.79 min Scan# 3927
Delta R.T. -0.01 min
Lab File: BM001456.D
Acq: 29 May 2015 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.9	26.9
277	23.0	19.7	29.5

