

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001453.D
 Acq On : 29 May 2015 20:56
 Operator : TP/IZ
 Sample : G2411-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB4

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:26:40 PM

Quant Time: May 30 04:00:22 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	174301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	784749	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	504601	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	1104023	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	1031876	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	957114	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	5209	1.49	ng/uL	0.00
5) Phenol-d5	6.58	99	106903	8.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	75100	9.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	95161	9.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	89953	8.27	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	44493	8.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	52003	8.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	98785	8.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	90667	6.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	327128	9.25	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	443846	9.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	31363	4.35	ng/ul	0.00
57) Fluorene-d10	15.07	176	331624	9.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	36747	5.41	ng/ul	0.00
70) Anthracene-d10	16.92	188	480854	9.45	ng/ul	0.00
76) Pyrene-d10	19.23	212	490800	10.94	ng/ul	0.01
87) Benzo(a)pyrene-d12	22.99	264	408925	9.66	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.21	105	21413	1.20	ng/ul	96
44) Dimethylphthalate	13.53	163	60356	1.51	ng/ul	99
69) Phenanthrene	16.86	178	524074	8.53	ng/ul	99
71) Anthracene	16.95	178	191162	3.01	ng/ul	99
74) Fluoranthene	18.89	202	1191770	16.00	ng/ul	99
77) Pyrene	19.26	202	955632	15.49	ng/ul	98
80) Benzo(a)anthracene	21.02	228	408497	6.78	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	133071	3.46	ng/ul	98
82) Chrysene	21.06	228	503000	8.87	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	564935	9.64	ng/ul	99
86) Benzo(k)fluoranthene	22.54	252	197650m	3.52	ng/ul	
88) Benzo(a)pyrene	23.03	252	360495	6.56	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.16	276	239755	4.14	ng/ul	99
90) Dibenzo(a,h)anthracene	25.17	278	65918	1.36	ng/ul#	81
91) Benzo(g,h,i)perylene	25.79	276	242784	5.08	ng/ul	96

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

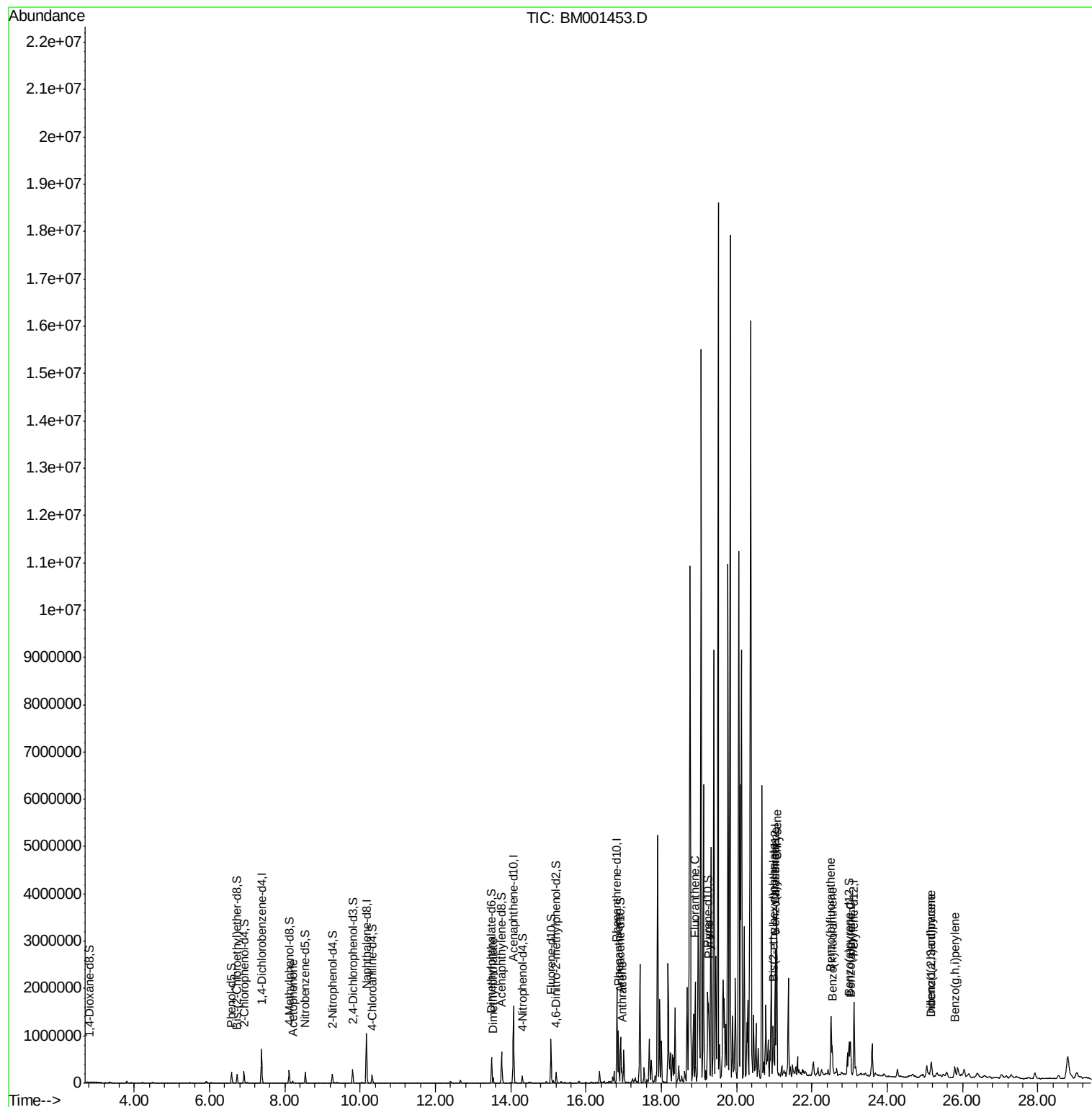
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001453.D
Acq On : 29 May 2015 20:56
Operator : TP/IZ
Sample : G2411-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

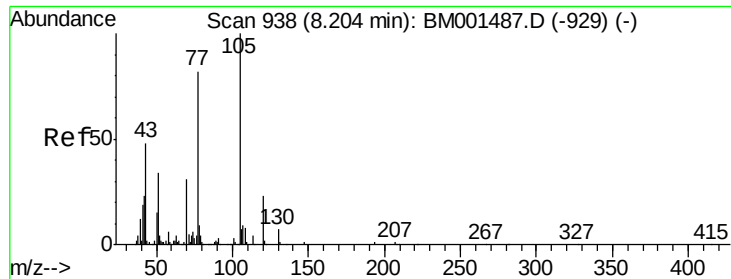
Instrument :
BNA_M
ClientSampleId :
BCRB4

Manual Integrations
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Quant Time: May 30 04:00:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





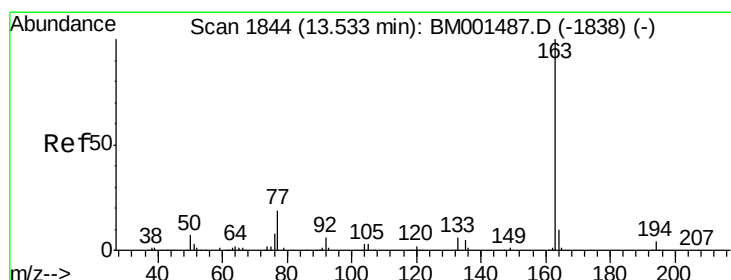
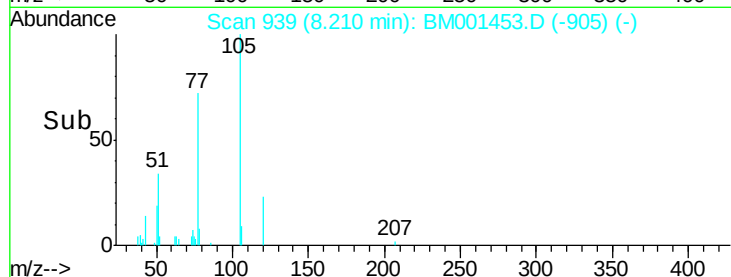
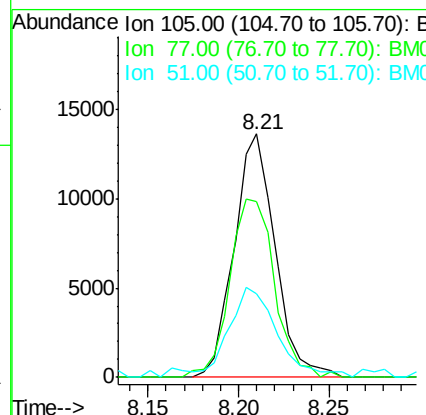
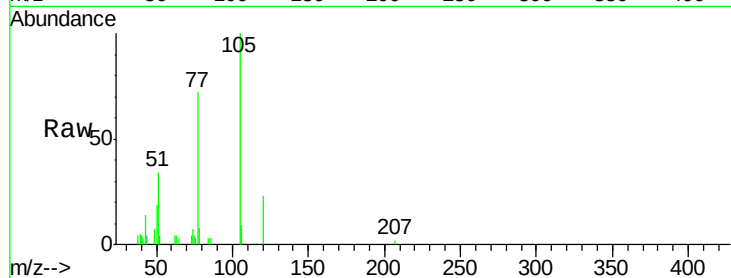
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Acetophenone
Concen: 1.20 ng/ul
RT: 8.21 min Scan# 939
Delta R.T. -0.00 min
Lab File: BM001453.D
Acq: 29 May 2015 20:56

Instrument :
BNA_M
ClientSampleId :
BCRB4

Tgt Ion:	105	Resp:	21413
Ion Ratio	Lower	Upper	
105	100		
77	72.3	61.6	92.4
51	34.2	27.5	41.3

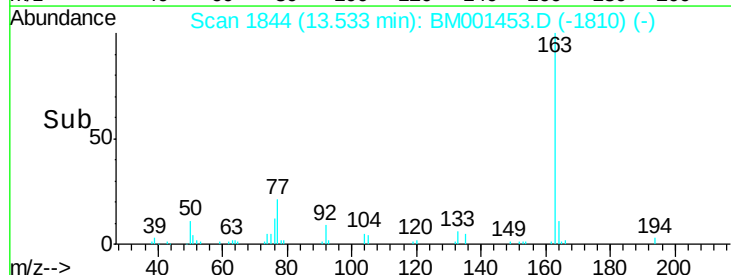
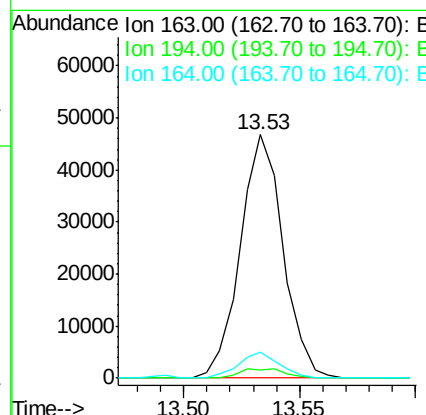
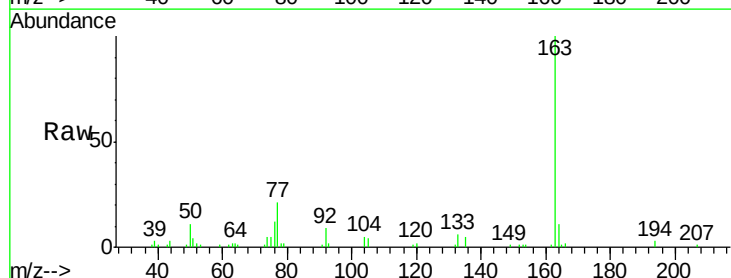
Manual Integrations
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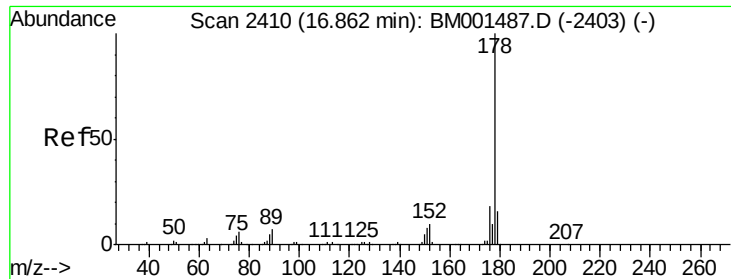
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#44
Dimethylphthalate
Concen: 1.51 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM001453.D
Acq: 29 May 2015 20:56

Tgt Ion:	163	Resp:	60356
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.6
164	10.8	8.2	12.4





#69

Phenanthrene

Concen: 8.53 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM001453.D

Acq: 29 May 2015 20:56

Instrument :

BNA_M

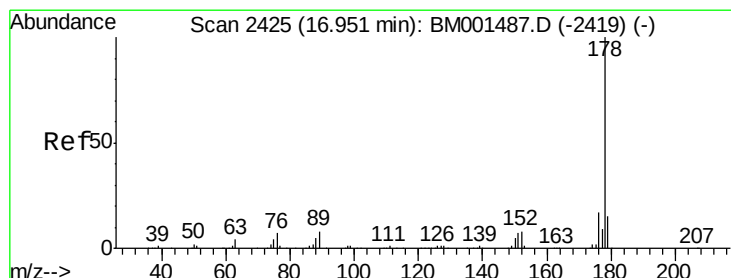
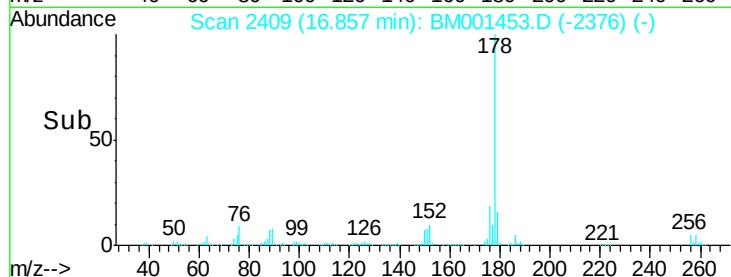
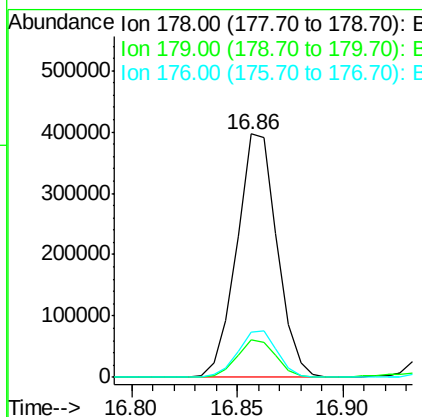
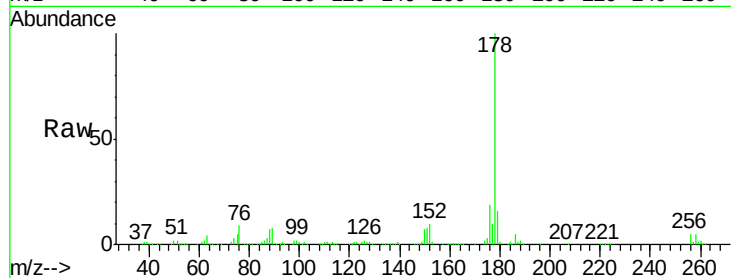
ClientSampled :

BCRB4

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Tgt Ion:	178	Resp:	524074
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.9	17.9
176	18.6	15.0	22.4



#71

Anthracene

Concen: 3.01 ng/ul

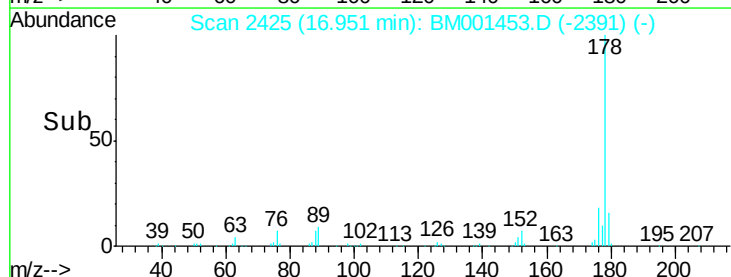
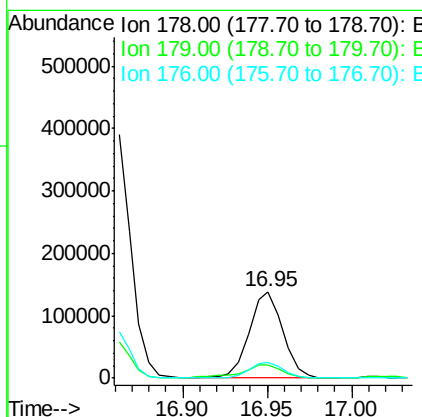
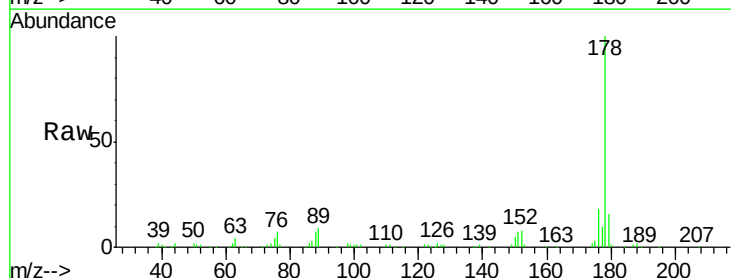
RT: 16.95 min Scan# 2425

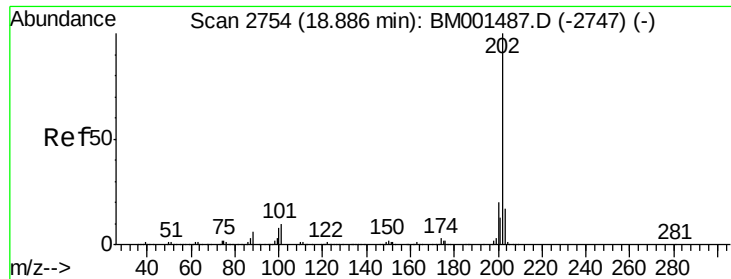
Delta R.T. -0.00 min

Lab File: BM001453.D

Acq: 29 May 2015 20:56

Tgt Ion:	178	Resp:	191162
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.1	18.1
176	17.8	14.5	21.7





#74

Fluoranthene

Concen: 16.00 ng/ul

RT: 18.89 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM001453.D

Acq: 29 May 2015 20:56

Instrument :

BNA_M

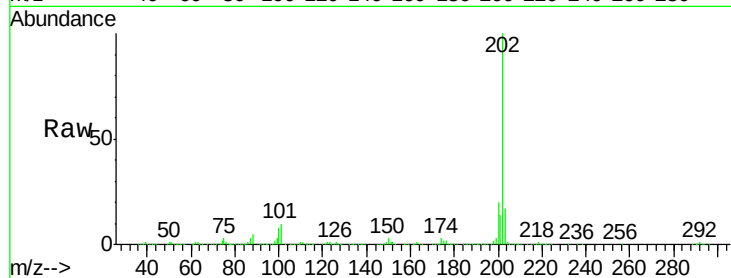
ClientSampleId :

BCRB4

Tgt Ion:	202	Resp:	1191770
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.6	12.8
100	8.1	6.5	9.7

Manual Integrations
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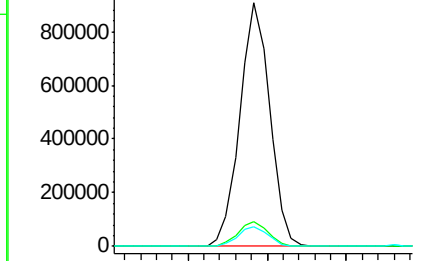
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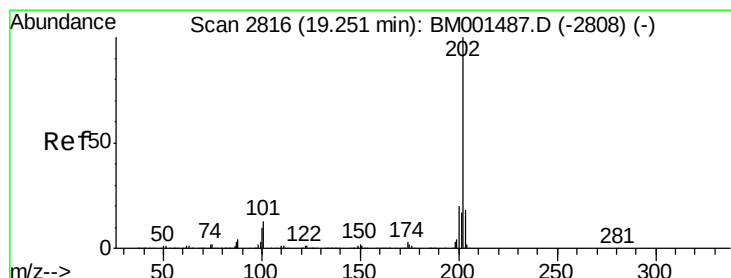
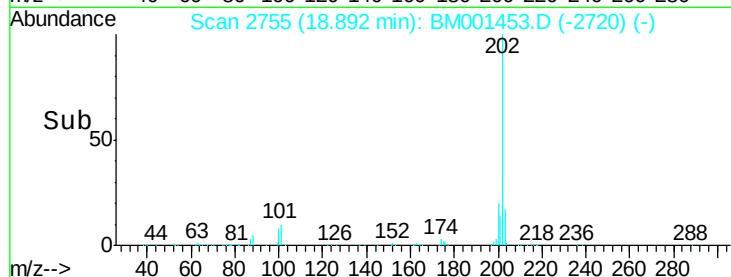
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 15.49 ng/ul

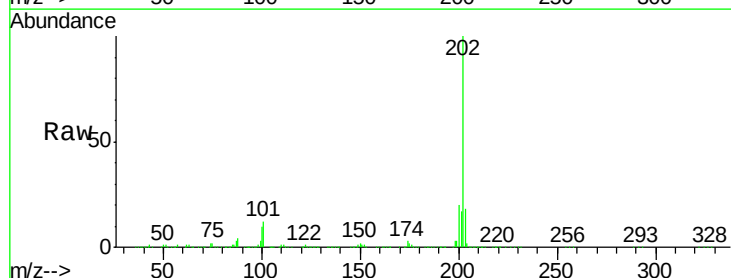
RT: 19.26 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM001453.D

Acq: 29 May 2015 20:56

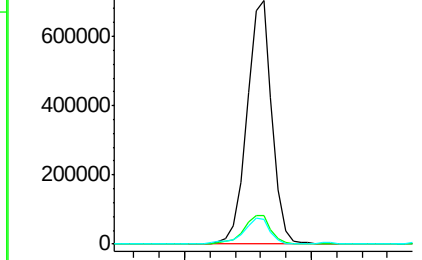
Tgt Ion:	202	Resp:	955632
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.3	15.5
100	10.1	8.6	12.8



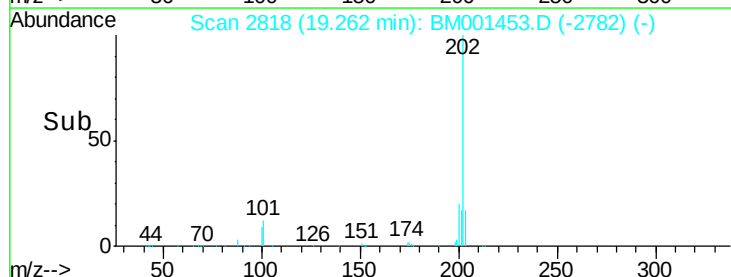
Abundance Ion 202.00 (201.70 to 202.70): E

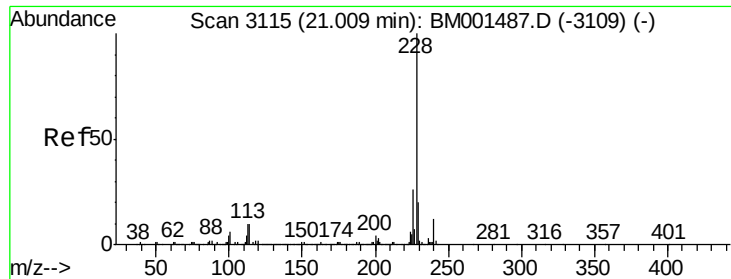
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 6.78 ng/ul

RT: 21.02 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM001453.D

Acq: 29 May 2015 20:56

Instrument :

BNA_M

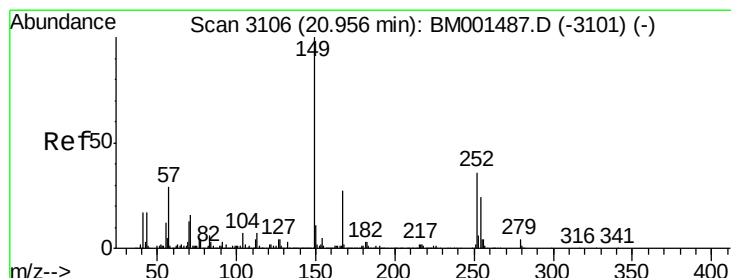
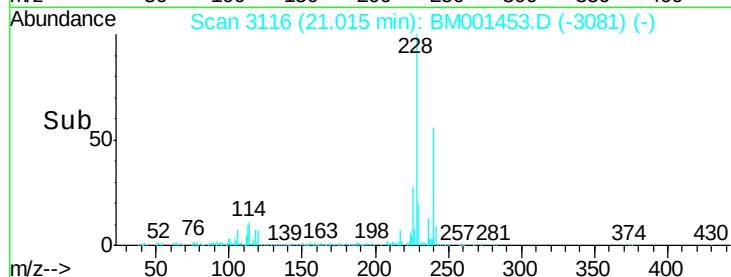
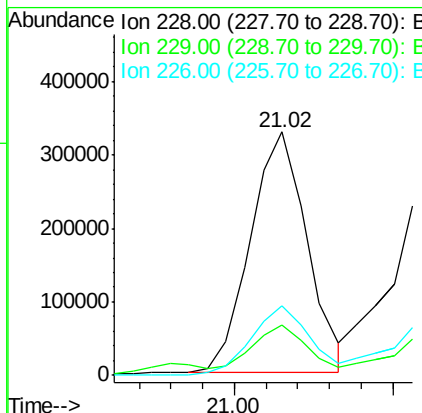
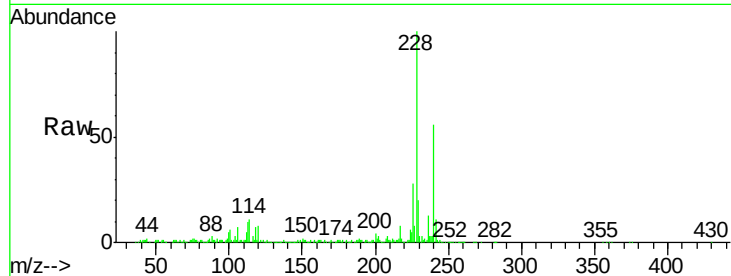
ClientSampleId :

BCRB4

Tgt Ion:	228	Resp:	408497
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.8
226	28.4	20.6	30.8

Manual Integrations
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6/1/2015 4:26:40 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.46 ng/ul

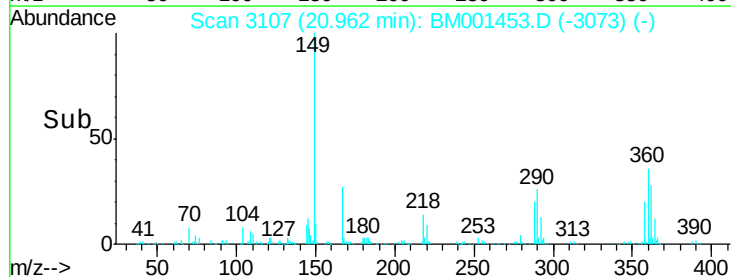
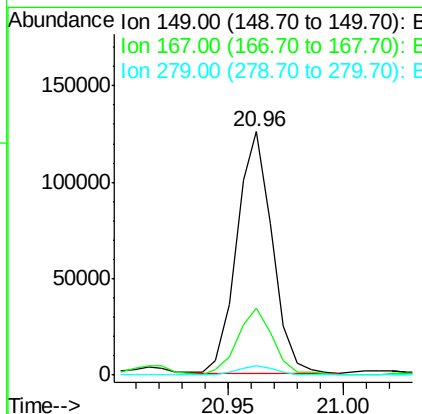
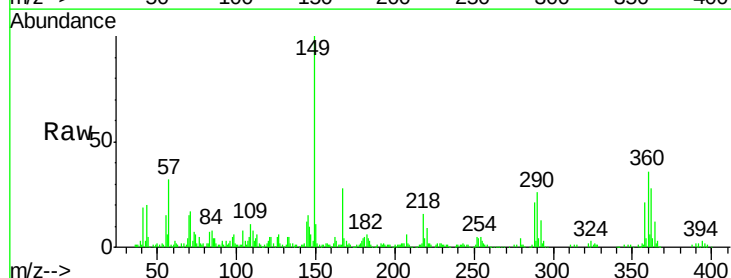
RT: 20.96 min Scan# 3107

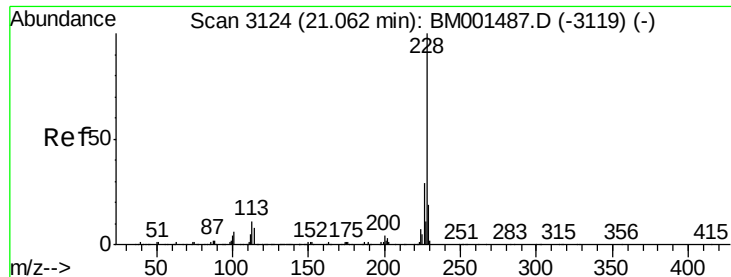
Delta R.T. -0.00 min

Lab File: BM001453.D

Acq: 29 May 2015 20:56

Tgt Ion:	149	Resp:	133071
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.2	31.8
279	4.0	3.1	4.7





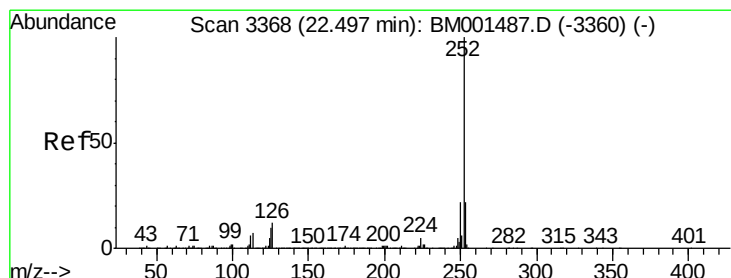
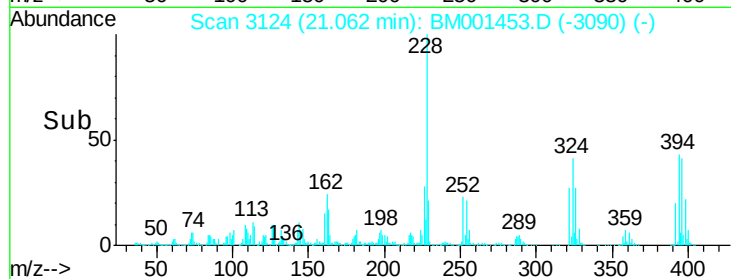
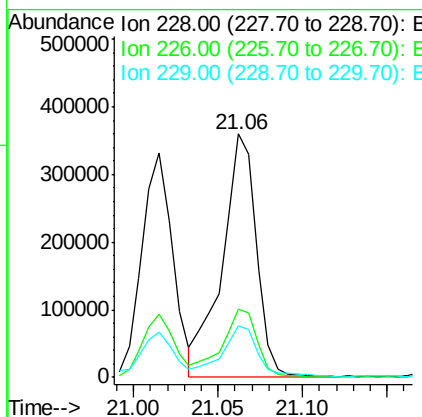
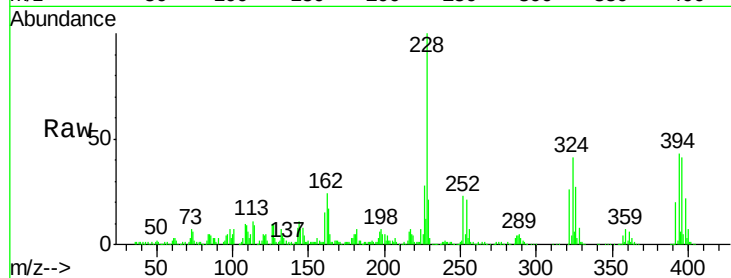
#82
 Chrysene
 Concen: 8.87 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BM001453.D
 Acq: 29 May 2015 20:56

Instrument :
 BNA_M
 ClientSampled :
 BCRB4

Tgt Ion:	228	Resp:	503000
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.0	34.4
229	21.5	15.7	23.5

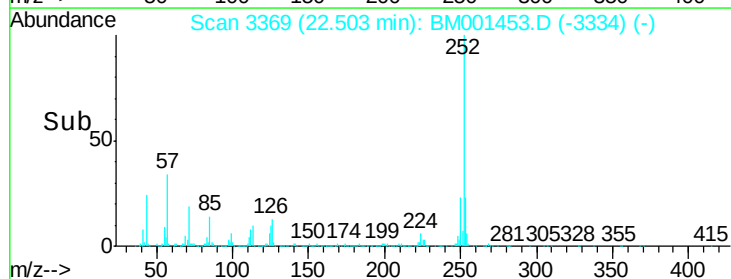
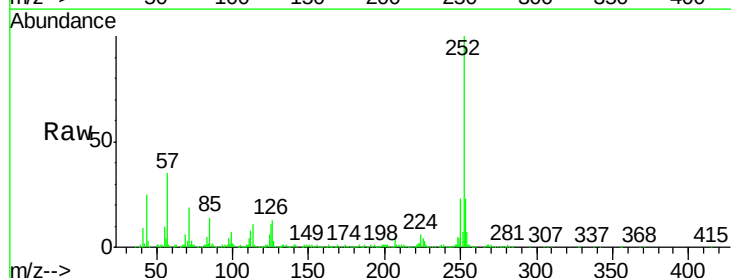
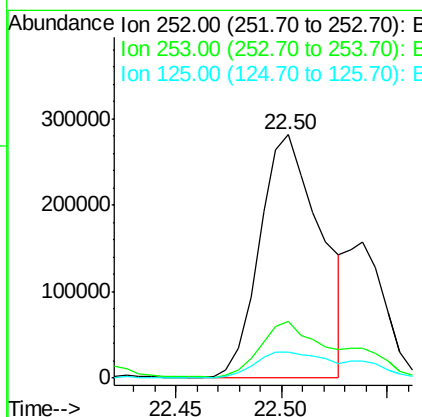
Manual Integrations
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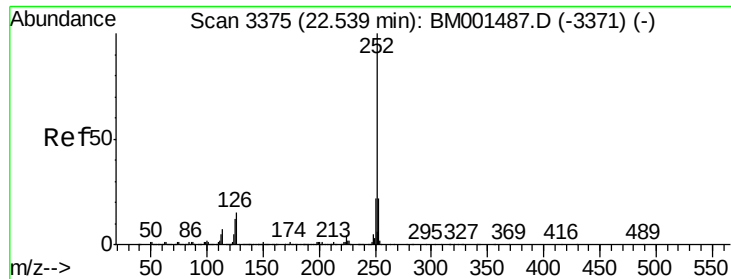
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#85
 Benzo(b)fluoranthene
 Concen: 9.64 ng/ul
 RT: 22.50 min Scan# 3369
 Delta R.T. 0.01 min
 Lab File: BM001453.D
 Acq: 29 May 2015 20:56

Tgt Ion:	252	Resp:	564935
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	10.6	8.6	12.8





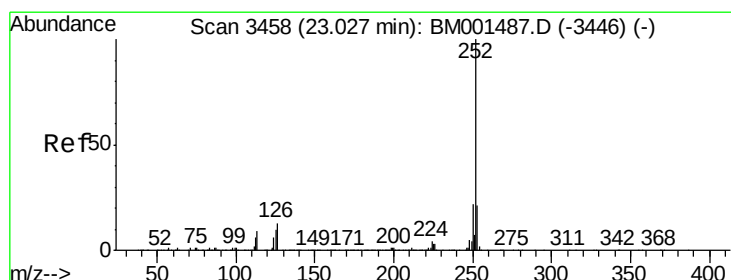
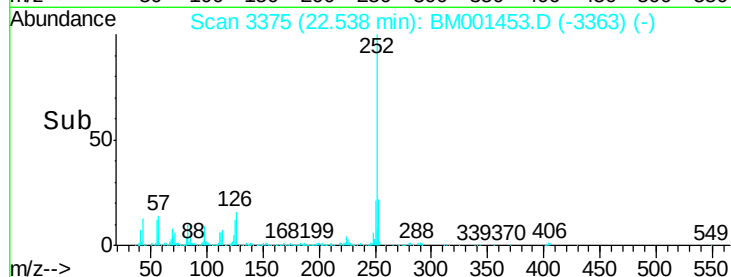
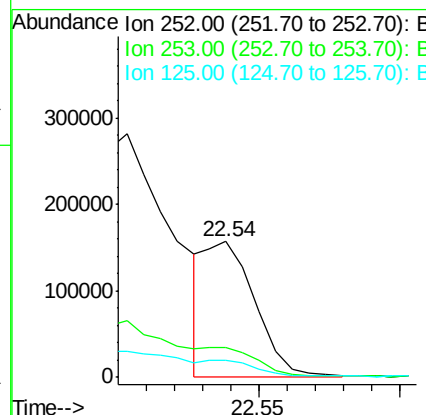
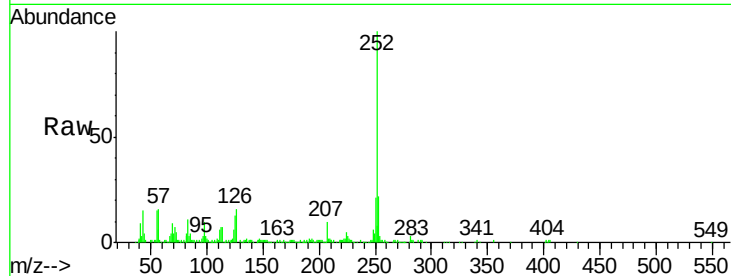
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Benzo(k)fluoranthene
Concen: 3.52 ng/ul m
RT: 22.54 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM001453.D
Acq: 29 May 2015 20:56

Instrument :
BNA_M
ClientSampled :
BCRB4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	197650		
253	22.4	17.4	26.0	
125	12.7	8.6	13.0	

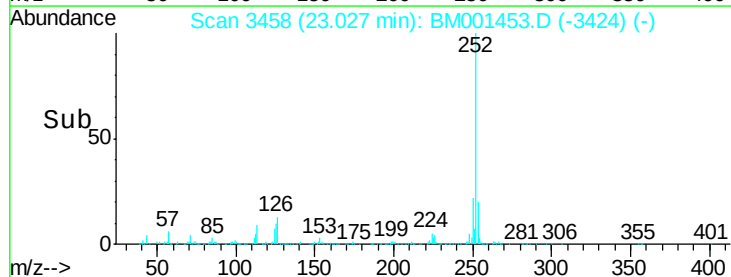
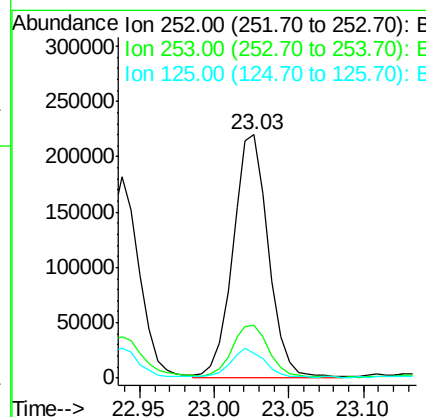
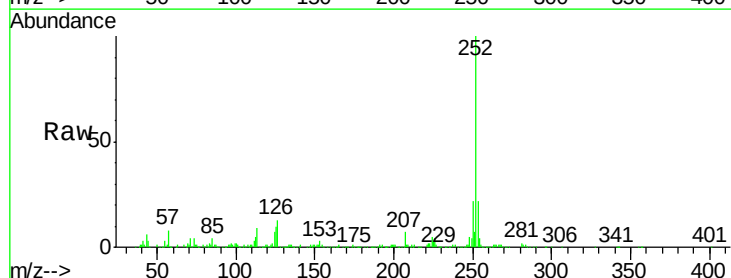
Manual Integrations
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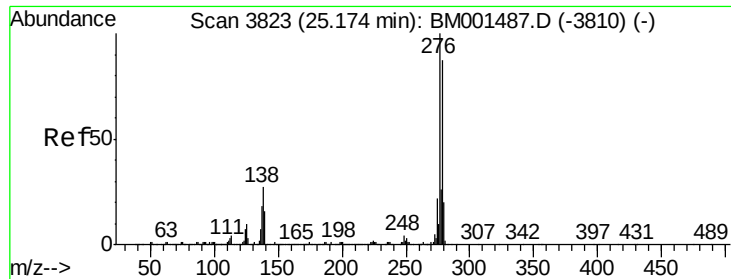
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6/1/2015 4:26:40 PM



#88
Benzo(a)pyrene
Concen: 6.56 ng/ul
RT: 23.03 min Scan# 3458
Delta R.T. -0.00 min
Lab File: BM001453.D
Acq: 29 May 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	360495		
253	22.0	17.0	25.4	
125	10.2	8.8	13.2	





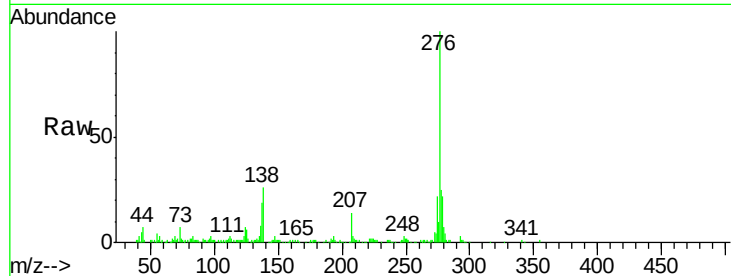
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 Indeno(1,2,3-cd)pyrene
 Concen: 4.14 ng/ul
 RT: 25.16 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BM001453.D
 Acq: 29 May 2015 20:56

Instrument :
 BNA_M
 ClientSampleId :
 BCRB4

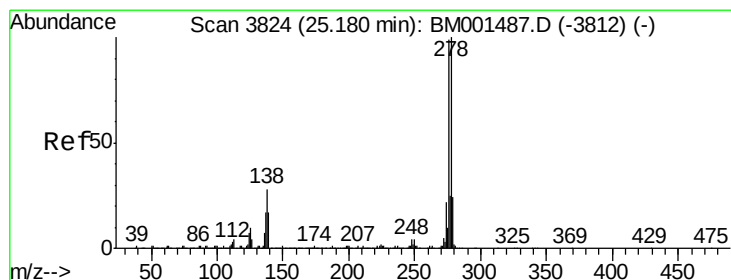
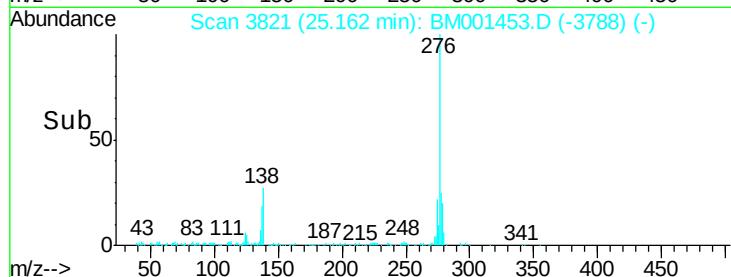
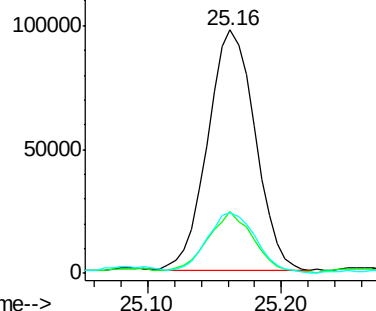
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	239755		
138	25.6	20.6	31.0	
277	24.8	19.2	28.8	

Manual Integrations
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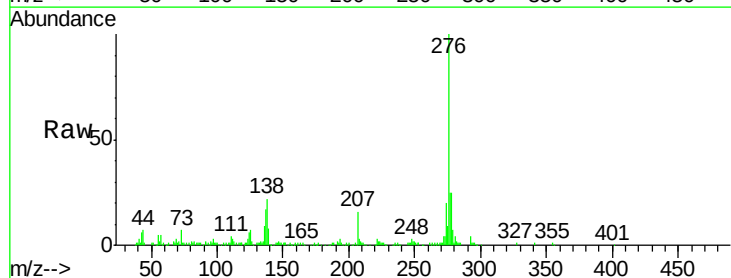


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

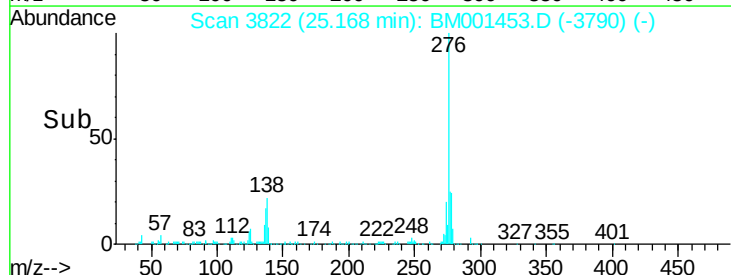
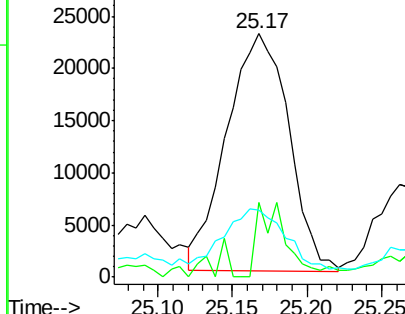


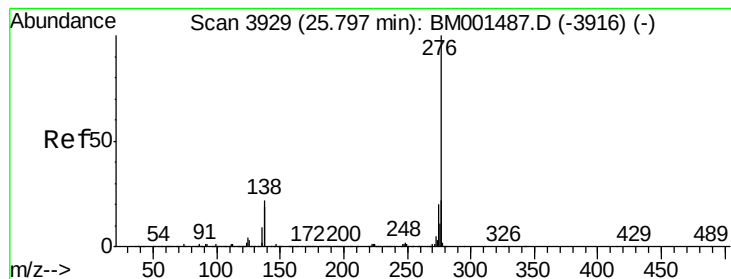
#90
 Dibenzo(a,h)anthracene
 Concen: 1.36 ng/ul
 RT: 25.17 min Scan# 3822
 Delta R.T. -0.01 min
 Lab File: BM001453.D
 Acq: 29 May 2015 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	65918		
139	30.9	13.8	20.8#	
279	27.6	18.3	27.5#	



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.08 ng/ul

RT: 25.79 min Scan# 3928

Delta R.T. -0.00 min

Lab File: BM001453.D

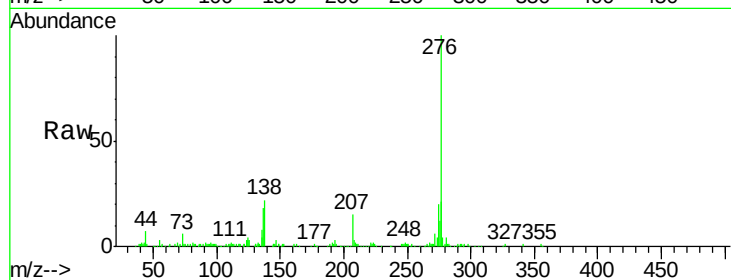
Acq: 29 May 2015 20:56

Instrument :

BNA_M

ClientSampleId :

BCRB4



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	22.3	17.9	26.9	
277	20.5	19.7	29.5	

Manual Integrations
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apatel
6/1/2015 4:26:40 PM

