

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001460.D
 Acq On : 30 May 2015 01:08
 Operator : TP/IZ
 Sample : G2411-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC3

Manual Integrations
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Quant Time: May 30 04:24:51 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	137525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	595671	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	363978	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	775103	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	726768	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	644431	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	6040	2.19	ng/uL	0.00
5) Phenol-d5	6.58	99	155533	15.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	99156	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	132830	15.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	102966	11.99	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	64295	16.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	75127	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	145631	16.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	91179	8.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	442526	17.34	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	599436	17.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	70388	13.53	ng/ul	0.00
57) Fluorene-d10	15.07	176	426650	16.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	31011	6.50	ng/ul	0.00
70) Anthracene-d10	16.92	188	605434	16.94	ng/ul	0.00
76) Pyrene-d10	19.22	212	638078	20.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	506542	17.78	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.20	105	45430	3.24	ng/ul	93
44) Dimethylphthalate	13.53	163	199647	6.93	ng/ul	99
69) Phenanthrene	16.86	178	199458	4.62	ng/ul	99
71) Anthracene	16.95	178	52360	1.18	ng/ul	98
74) Fluoranthene	18.89	202	504843	9.66	ng/ul	98
77) Pyrene	19.25	202	414290	9.54	ng/ul	99
80) Benzo(a)anthracene	21.01	228	219719	5.18	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	20.96	149	147985	5.46	ng/ul	99
82) Chrysene	21.06	228	217067	5.43	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	267364	6.78	ng/ul#	97
86) Benzo(k)fluoranthene	22.53	252	106999m	2.83	ng/ul	
88) Benzo(a)pyrene	23.02	252	183688	4.96	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.16	276	121424	3.12	ng/ul	97
90) Dibenzo(a,h)anthracene	25.17	278	34287	1.05	ng/ul#	86
91) Benzo(g,h,i)perylene	25.79	276	116927	3.64	ng/ul	99

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

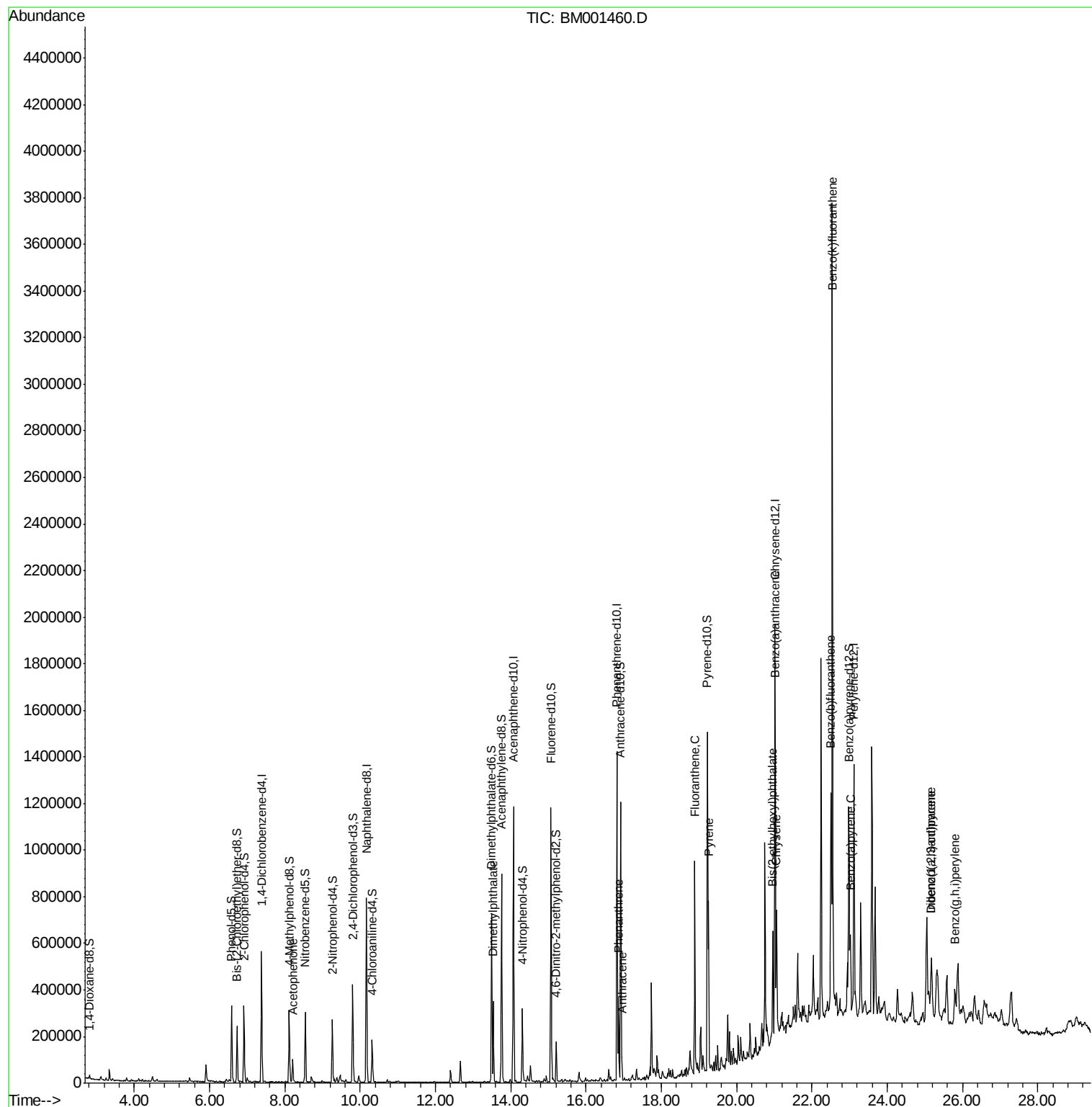
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001460.D
Acq On : 30 May 2015 01:08
Operator : TP/IZ
Sample : G2411-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

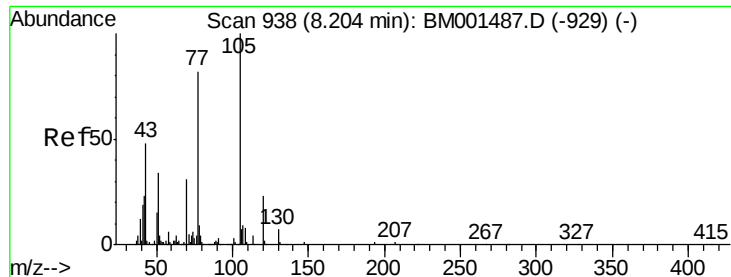
Instrument :
BNA_M
ClientSampleId :
BCRC3

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Quant Time: May 30 04:24:51 2015
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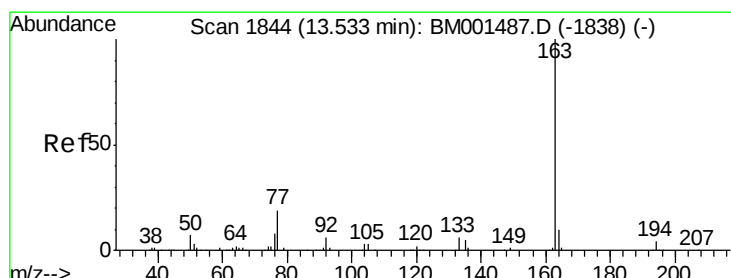
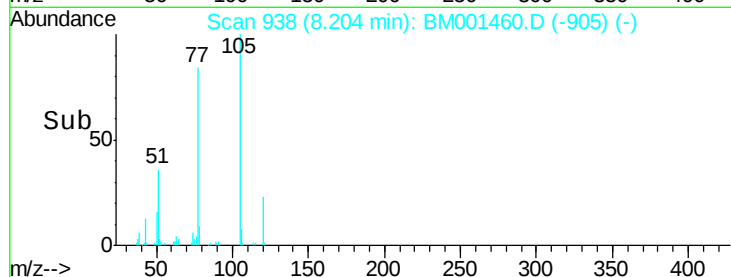
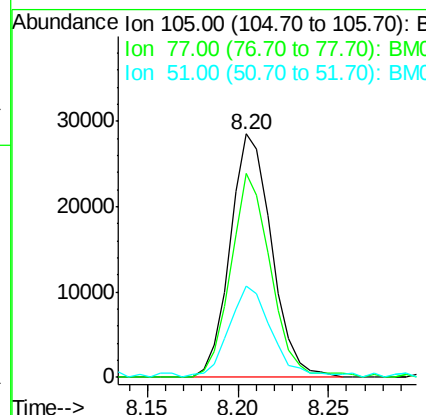
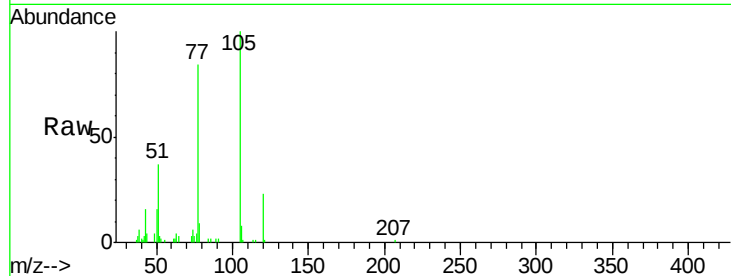
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Acetophenone
Concen: 3.24 ng/ul
RT: 8.20 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM001460.D
Acq: 30 May 2015 01:08

Instrument :
BNA_M
ClientSampleId :
BCRC3

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	45430		
77	84.0	61.6	92.4	
51	37.4	27.5	41.3	

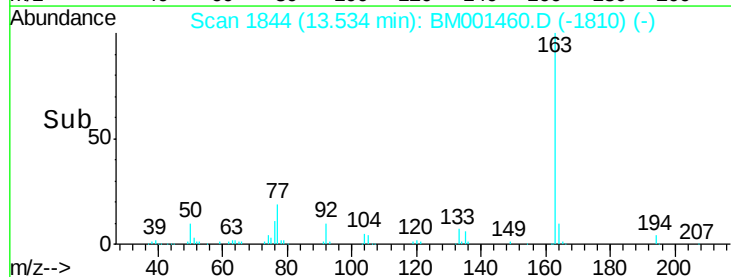
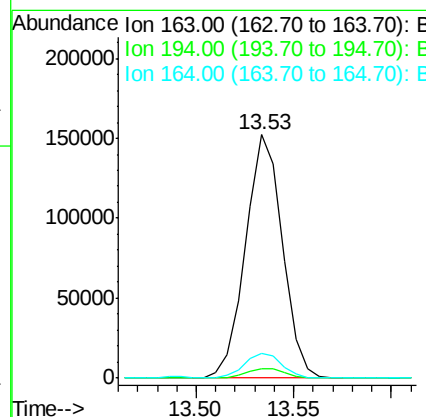
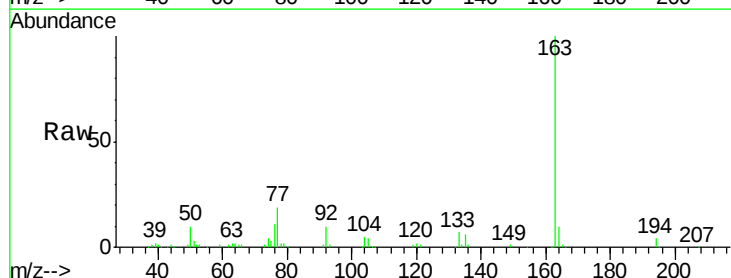
Manual Integrations
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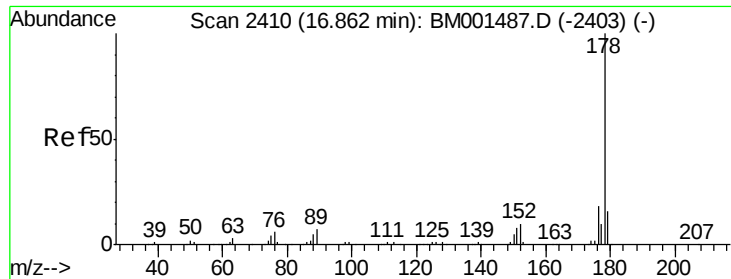
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#44
Dimethylphthalate
Concen: 6.93 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001460.D
Acq: 30 May 2015 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	199647		
194	3.9	3.0	4.6	
164	10.0	8.2	12.4	





#69

Phenanthrene

Concen: 4.62 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM001460.D

Acq: 30 May 2015 01:08

Instrument :

BNA_M

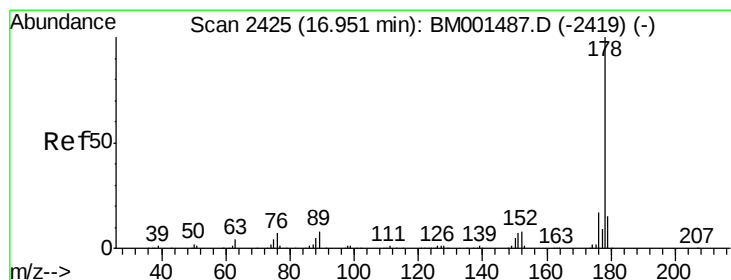
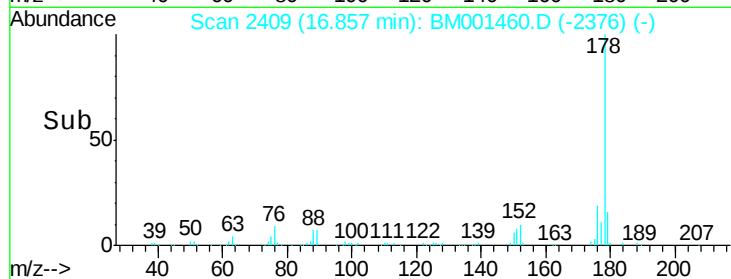
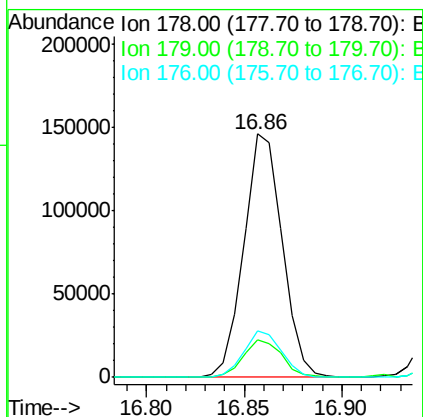
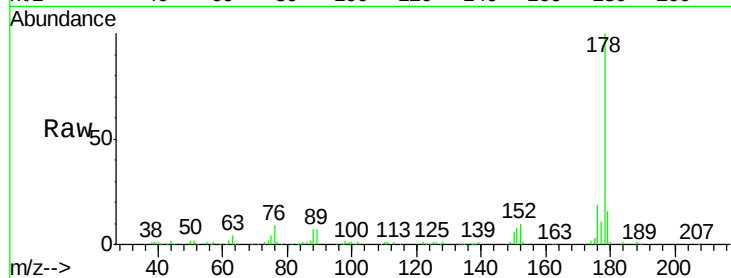
ClientSampled :

BCRC3

Tgt Ion:	178	Resp:	199458
Ion Ratio		Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.9	15.0	22.4

Manual Integrations
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#71

Anthracene

Concen: 1.18 ng/ul

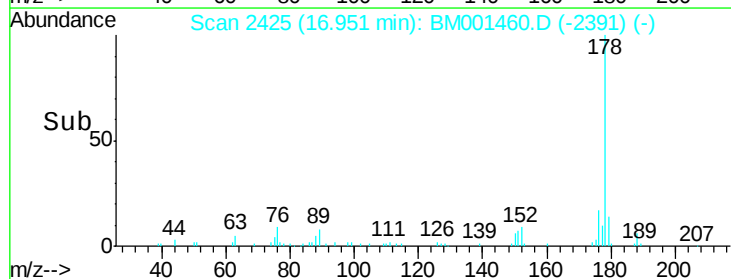
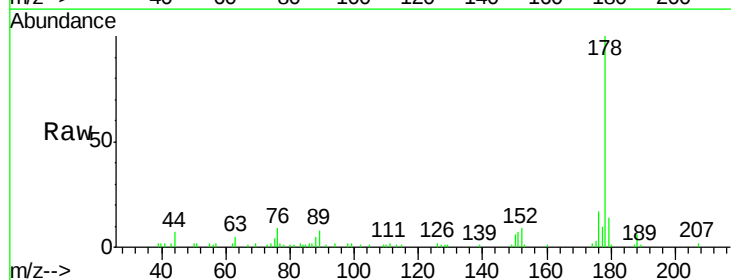
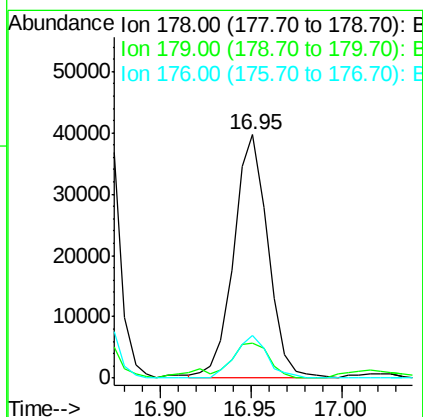
RT: 16.95 min Scan# 2425

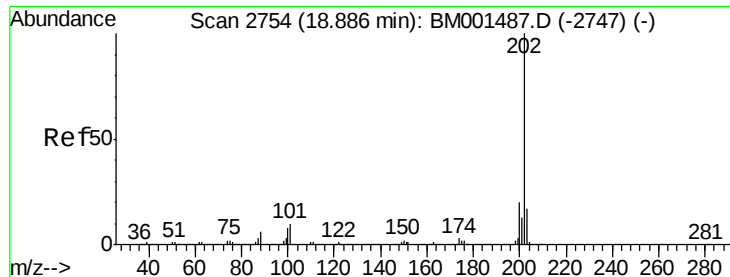
Delta R.T. 0.00 min

Lab File: BM001460.D

Acq: 30 May 2015 01:08

Tgt Ion:	178	Resp:	52360
Ion Ratio		Lower	Upper
178	100		
179	14.2	12.1	18.1
176	17.3	14.5	21.7





#74

Fluoranthene

Concen: 9.66 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001460.D

Acq: 30 May 2015 01:08

Instrument :

BNA_M

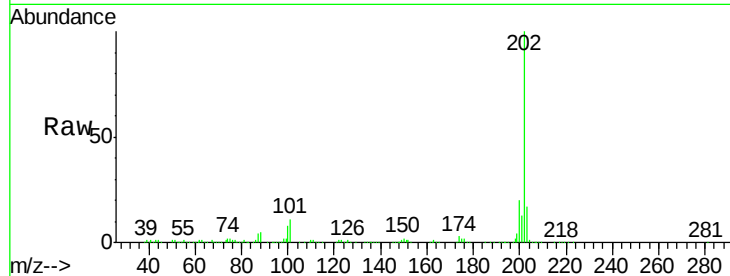
ClientSampled :

BCRC3

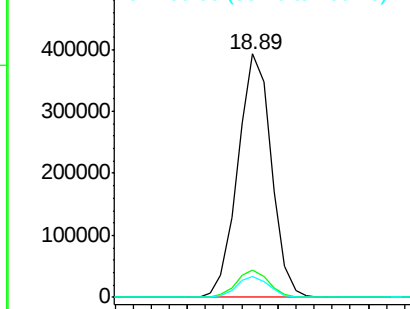
Tgt Ion:	202	Resp:	504843
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.6	12.8
100	8.5	6.5	9.7

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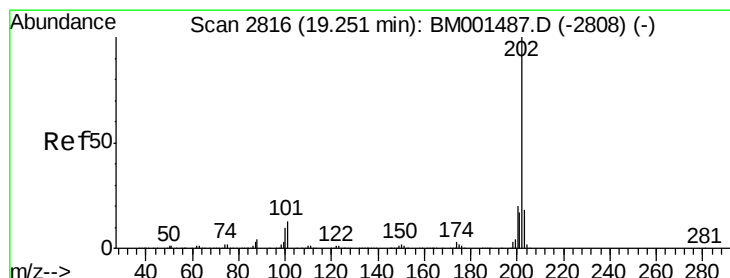
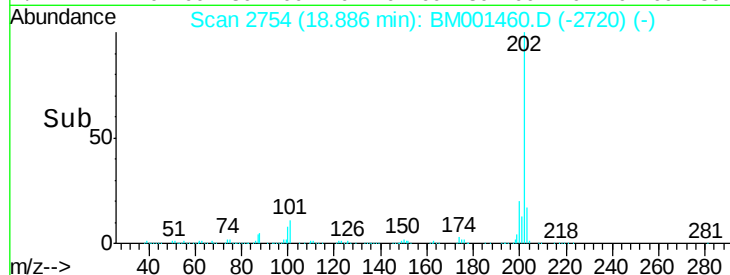
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 9.54 ng/ul

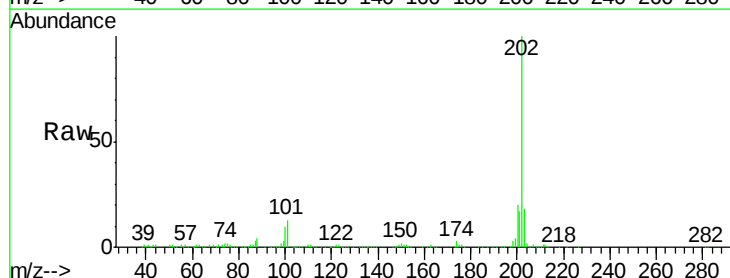
RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

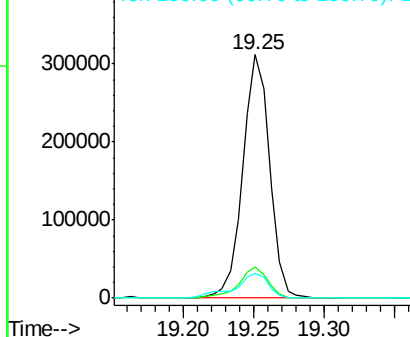
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Acq: 30 May 2015 01:08

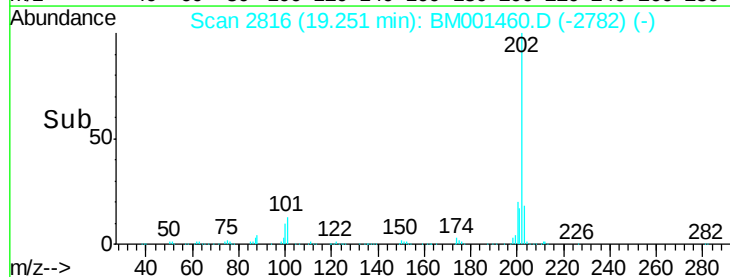
Tgt Ion:	202	Resp:	414290
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.3	15.5
100	10.0	8.6	12.8

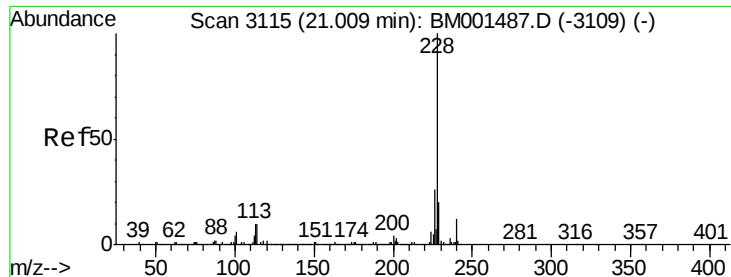


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 5.18 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001460.D

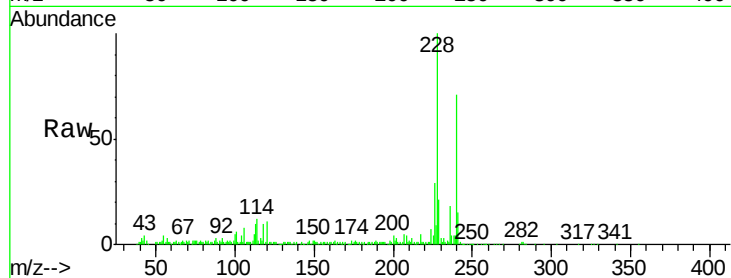
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Instrument :

BNA_M

ClientSampleId :

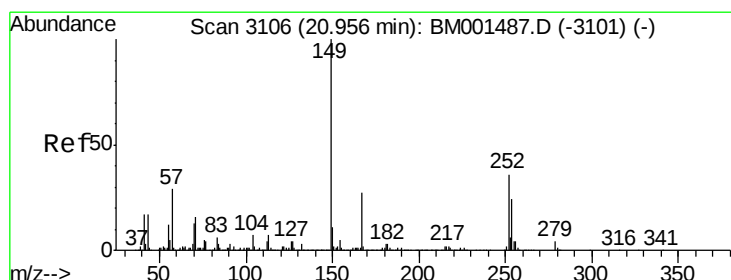
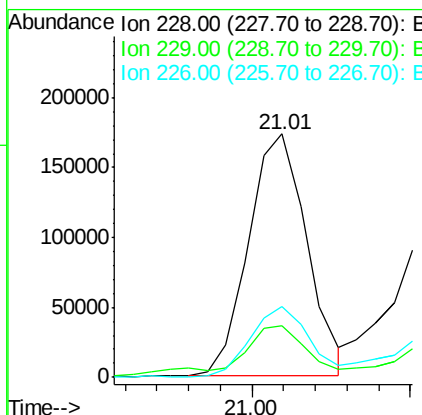
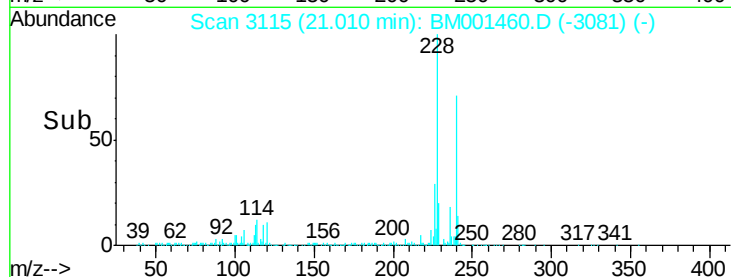
BCRC3



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	219719		
229	21.1	15.8	23.8	
226	29.0	20.6	30.8	

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#81

Bis(2-ethylhexyl)phthalate

Concen: 5.46 ng/ul

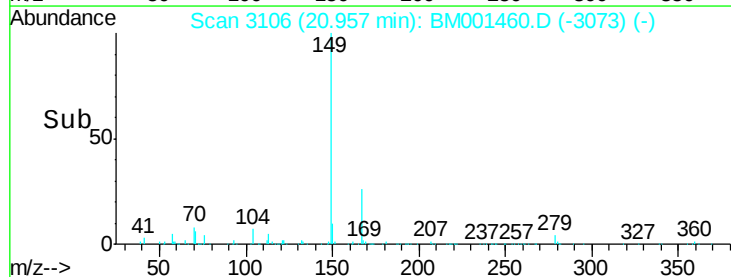
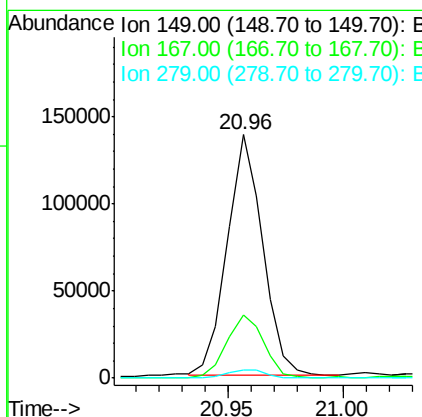
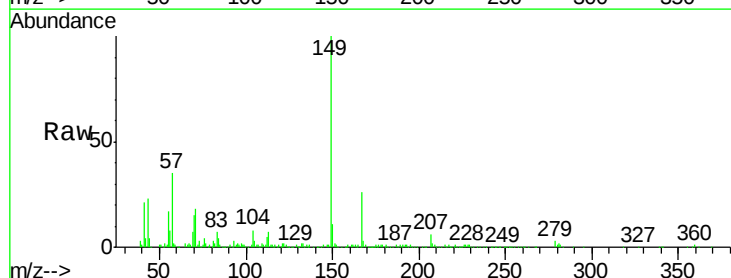
RT: 20.96 min Scan# 3106

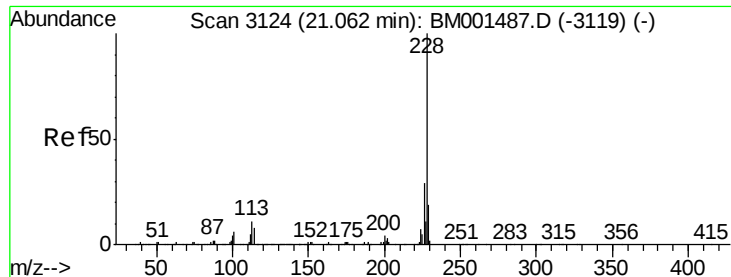
Delta R.T. -0.01 min

Lab File: BM001460.D

Acq: 30 May 2015 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	147985		
167	26.1	21.2	31.8	
279	3.5	3.1	4.7	





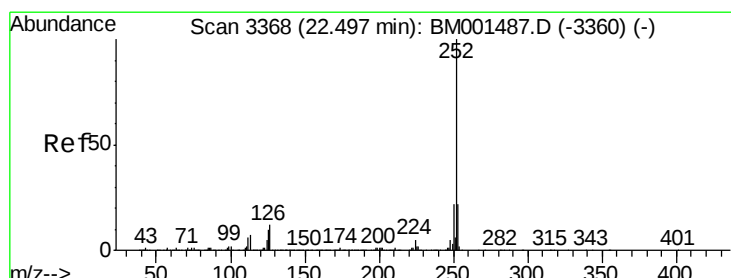
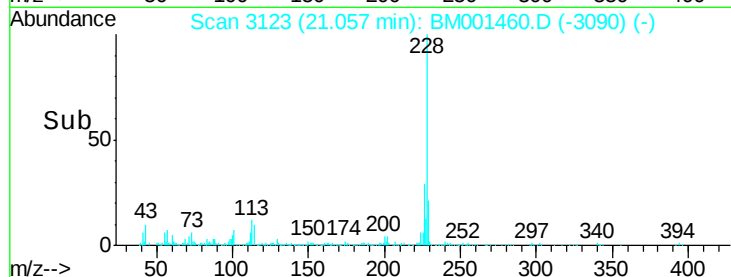
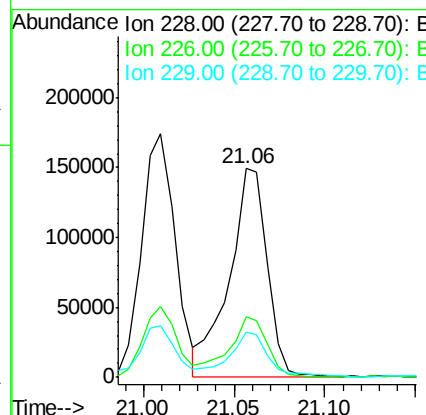
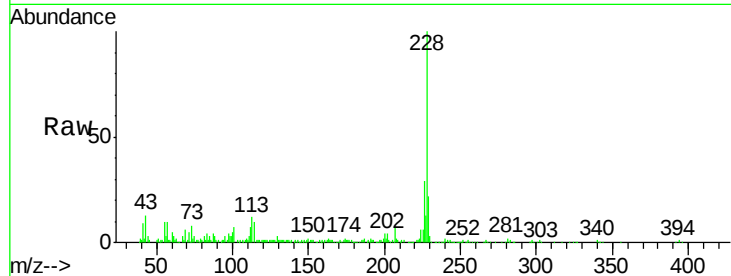
#82
Chrysene
Concen: 5.43 ng/ul
RT: 21.06 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM001460.D
Acq: 30 May 2015 01:08

Instrument :
BNA_M
ClientSampleId :
BCRC3

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	217067		
226	29.0	23.0	34.4	
229	21.7	15.7	23.5	

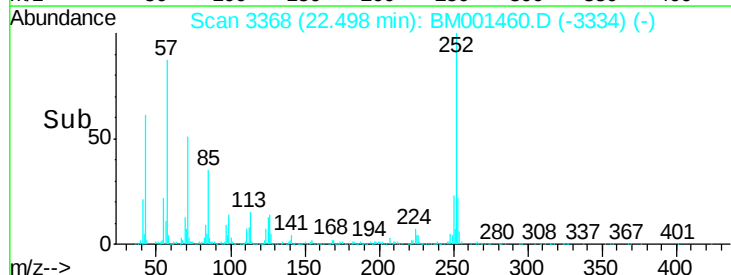
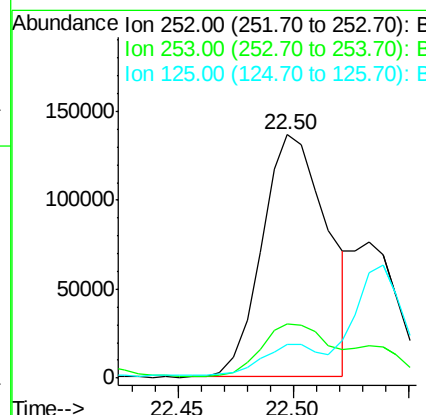
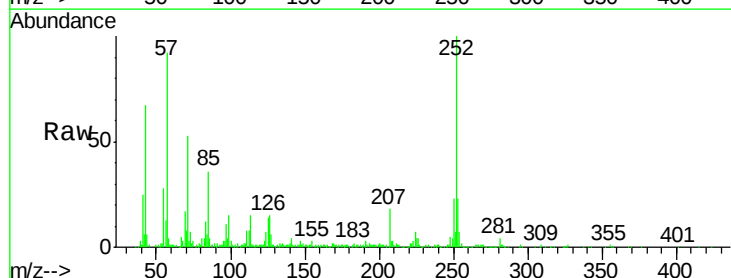
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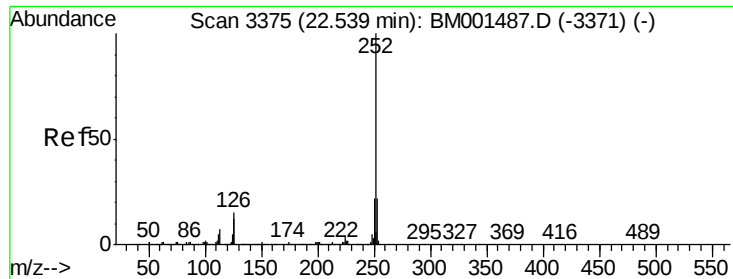
apatel
6/1/2015 4:27:24 PM



#85
Benzo(b)fluoranthene
Concen: 6.78 ng/ul
RT: 22.50 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BM001460.D
Acq: 30 May 2015 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	267364		
253	22.5	18.0	27.0	
125	13.6	8.6	12.8#	





#86

Benzo(k)fluoranthene

Concen: 2.83 ng/ul m

RT: 22.53 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM001460.D

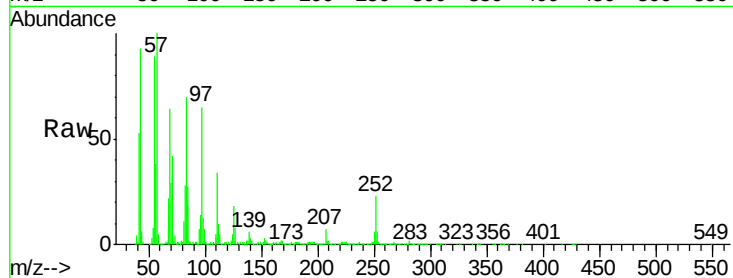
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Instrument :

BNA_M

ClientSampled :

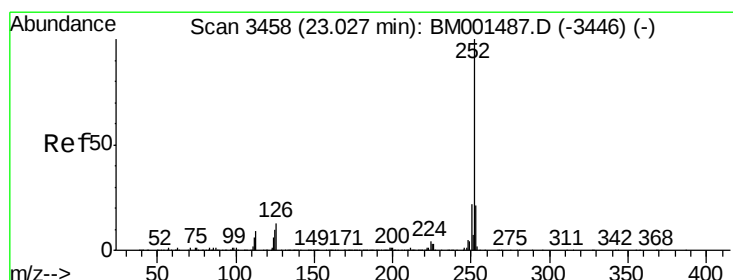
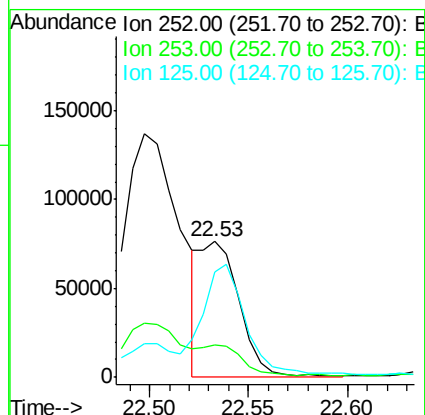
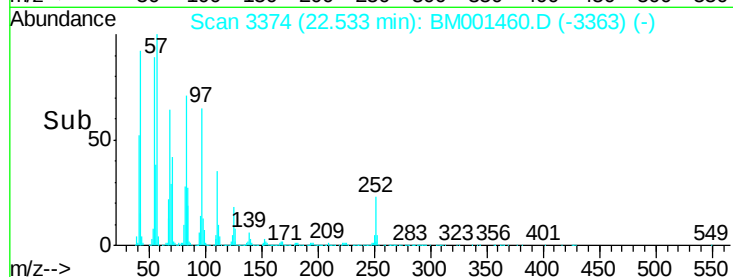
BCRC3



Tgt Ion:	252	Resp:	106999
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	77.2	8.6	13.0#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 4.96 ng/ul

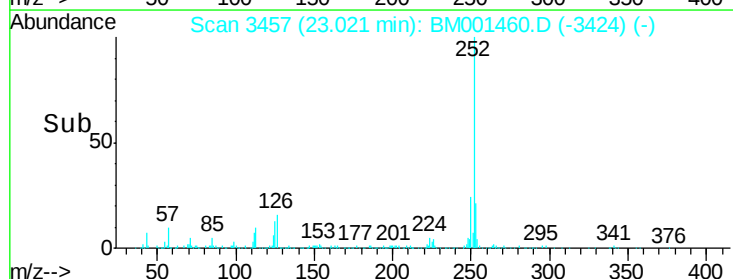
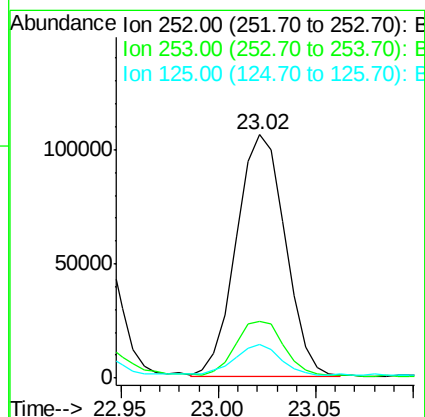
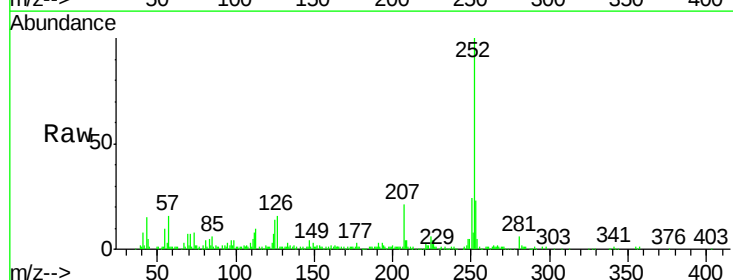
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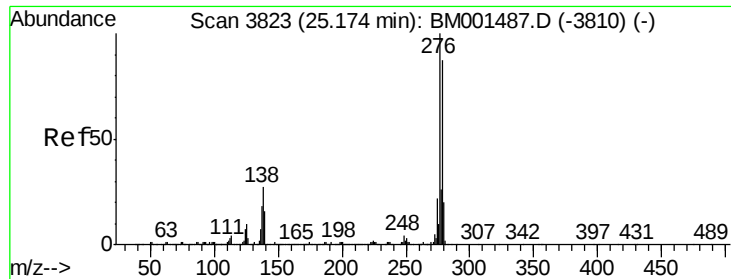
Delta R.T. -0.01 min

Lab File: BM001460.D

Acq: 30 May 2015 01:08

Tgt Ion:	252	Resp:	183688
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.4
125	13.6	8.8	13.2#





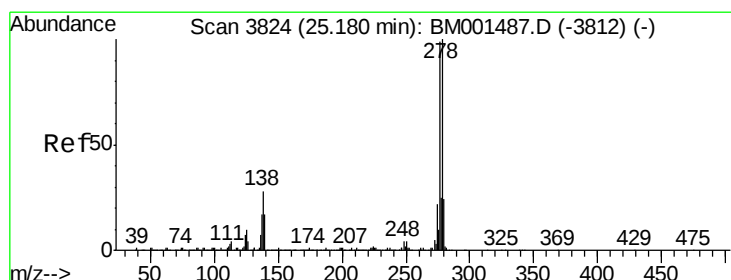
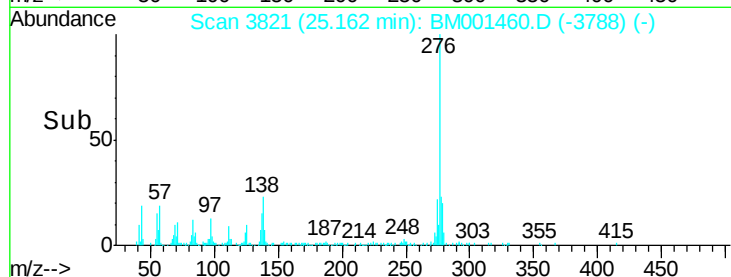
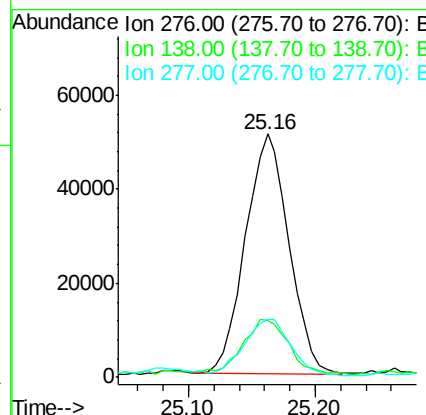
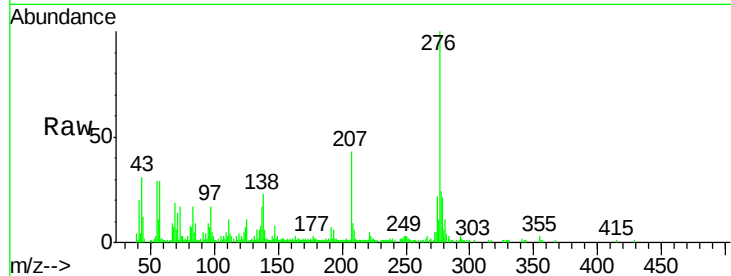
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.12 ng/ul
 RT: 25.16 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BM001460.D
 Acq: 30 May 2015 01:08

Instrument :
 BNA_M
 ClientSampleId :
 BCRC3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.6	31.0
277	23.8	19.2	28.8

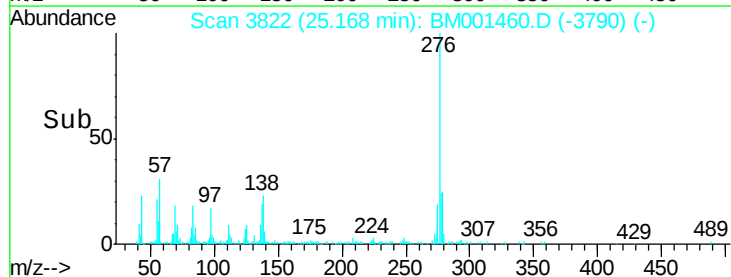
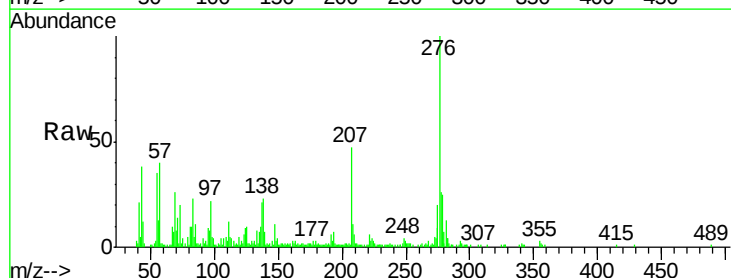
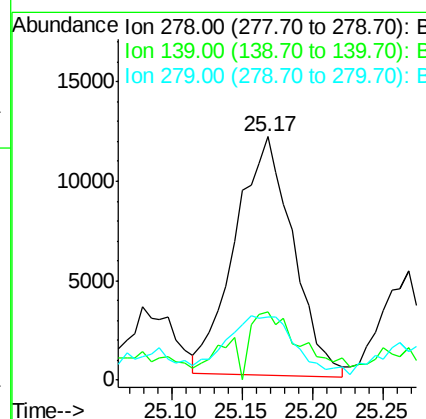
Manual Integrations
 APPROVED

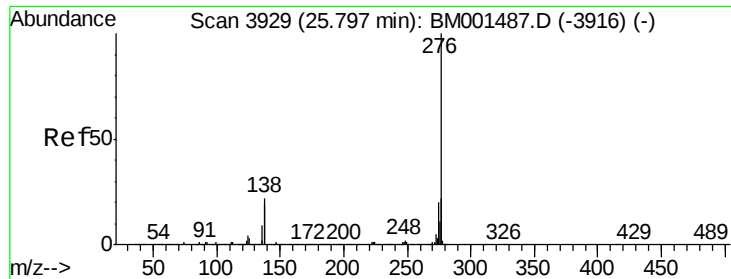
apatel
 6/1/2015 4:27:24 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.05 ng/ul
 RT: 25.17 min Scan# 3822
 Delta R.T. -0.01 min
 Lab File: BM001460.D
 Acq: 30 May 2015 01:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.8	13.8	20.8#
279	26.1	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 3.64 ng/ul
 RT: 25.79 min Scan# 3928
 Delta R.T. 0.00 min
 Lab File: BM001460.D
 Acq: 30 May 2015 01:08

Instrument :
 BNA_M
 ClientSampleId :
 BCRC3

Tgt Ion:	276	Resp:	116927
Ion Ratio	Lower	Upper	
276	100		
138	21.2	17.9	26.9
277	24.8	19.7	29.5

Manual Integrations
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