

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001479.D
 Acq On : 30 May 2015 17:36
 Operator : TP/IZ
 Sample : G2411-12RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC3RE

Manual Integrations
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 6/1/2015 4:30:19 PM

Quant Time: May 31 04:04:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	171521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	669080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	362023	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	755894	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	770298	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	714036	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	8256	2.40	ng/uL	0.00
5) Phenol-d5	6.58	99	183940	14.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	119562	15.11	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	164639	15.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	96392	9.00	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	76728	17.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	86367	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	153650	15.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	79833	6.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	431582	17.00	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	602247	17.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	72417	13.99	ng/ul	0.00
57) Fluorene-d10	15.07	176	422271	16.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	32702	7.03	ng/ul	0.00
70) Anthracene-d10	16.92	188	580232	16.65	ng/ul	0.00
76) Pyrene-d10	19.22	212	648661	19.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	552805	17.51	ng/ul	0.00

Target Compounds

					Qvalue
14) Acetophenone	8.20	105	47104	2.69 ng/ul	98
44) Dimethylphthalate	13.53	163	193631	6.76 ng/ul	99
69) Phenanthrene	16.86	178	196868	4.68 ng/ul	99
71) Anthracene	16.95	178	52322m	1.20 ng/ul	
74) Fluoranthene	18.89	202	507153	9.95 ng/ul	99
77) Pyrene	19.25	202	423876	9.21 ng/ul	99
80) Benzo(a)anthracene	21.01	228	239246	5.32 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	146905	5.12 ng/ul#	98
82) Chrysene	21.06	228	225510	5.32 ng/ul	96
85) Benzo(b)fluoranthene	22.50	252	327147	7.48 ng/ul#	96
86) Benzo(k)fluoranthene	22.54	252	87132	2.08 ng/ul#	38
88) Benzo(a)pyrene	23.03	252	203880	4.97 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	137900	3.19 ng/ul#	93
91) Benzo(g,h,i)perylene	25.80	276	130796	3.67 ng/ul	98

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

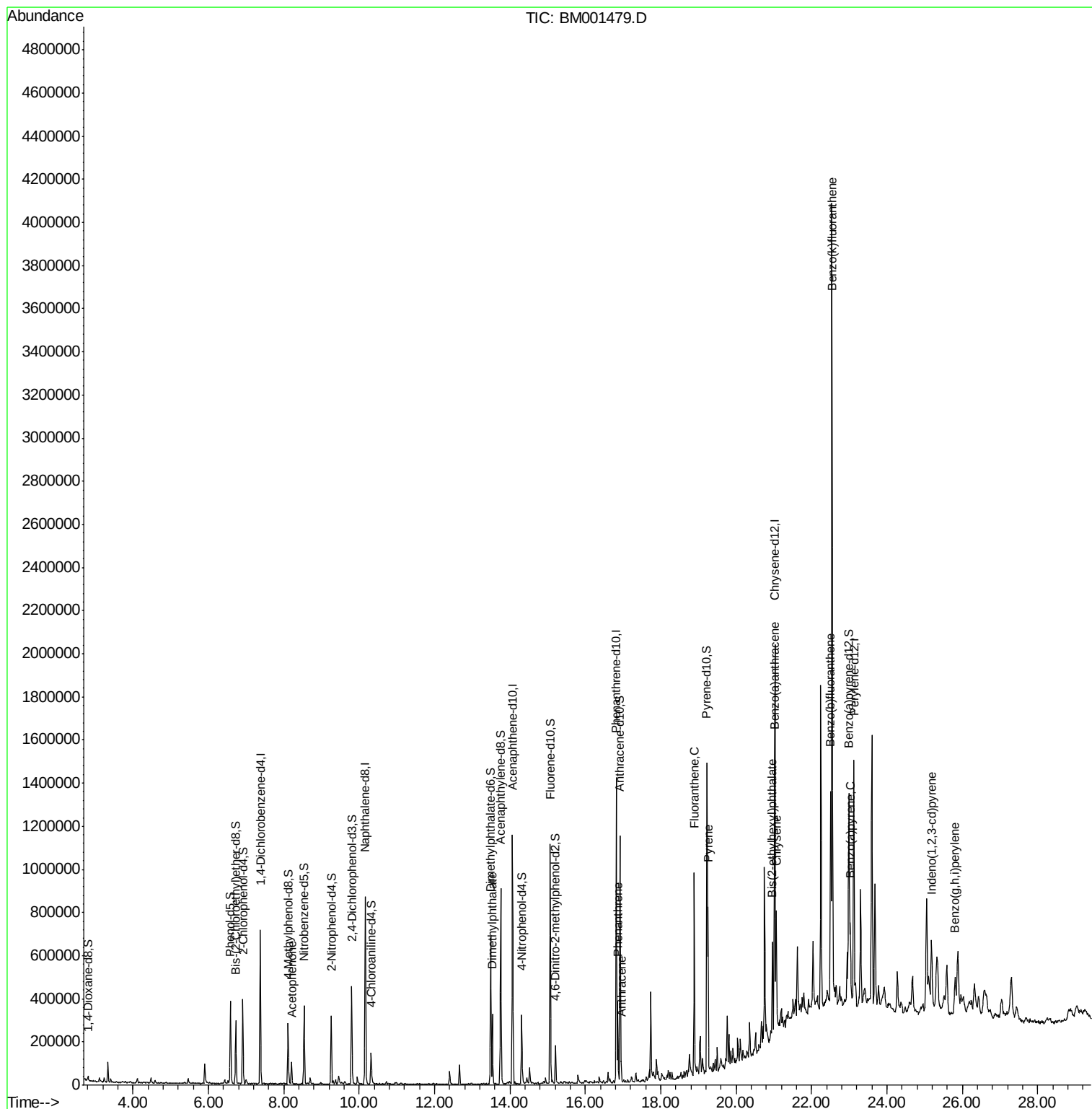
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001479.D
Acq On : 30 May 2015 17:36
Operator : TP/IZ
Sample : G2411-12RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

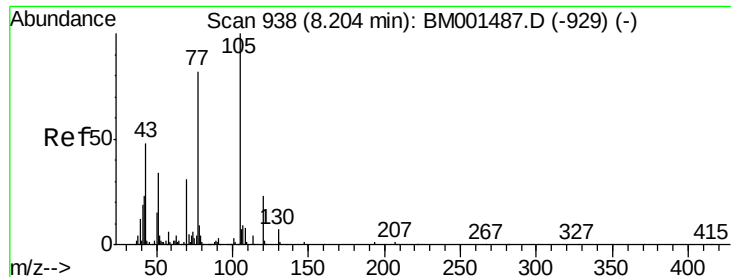
Instrument :
BNA_M
ClientSampleId :
BCRC3RE

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Quant Time: May 31 04:04:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.69 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001479.D

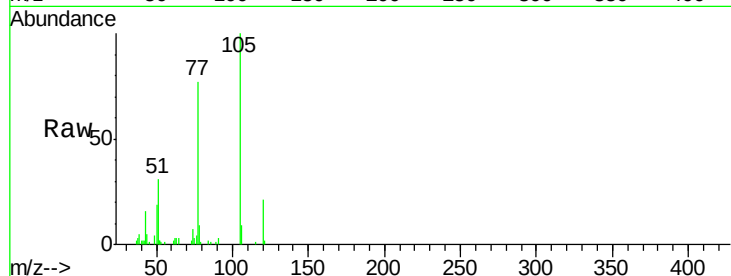
Acq: 30 May 2015 17:36

Instrument :

BNA_M

ClientSampleId :

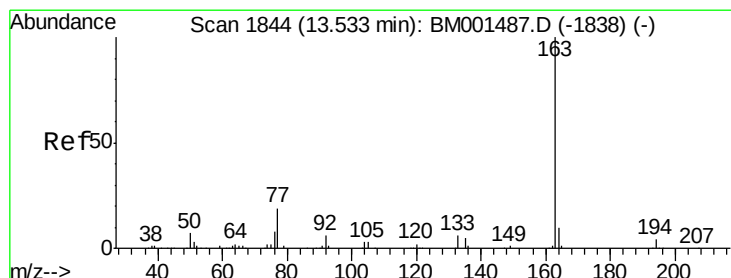
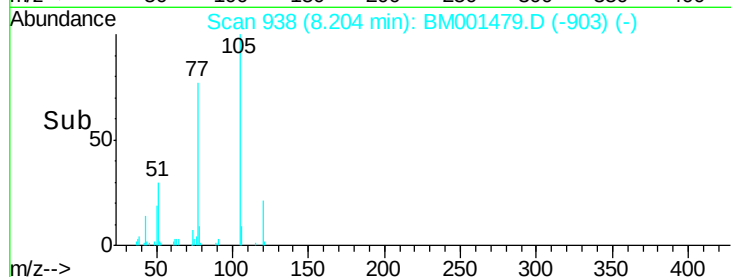
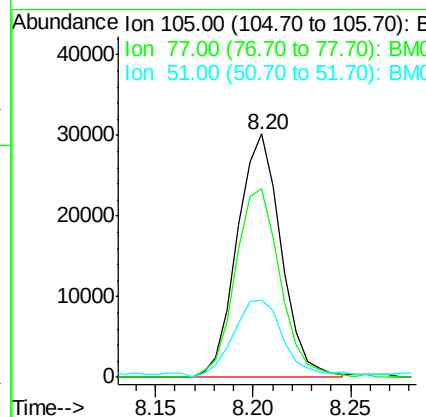
BCRC3RE



Tgt Ion:	105	Resp:	47104
Ion Ratio	Lower	Upper	
105	100		
77	77.3	61.6	92.4
51	31.5	27.5	41.3

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#44

Dimethylphthalate

Concen: 6.76 ng/ul

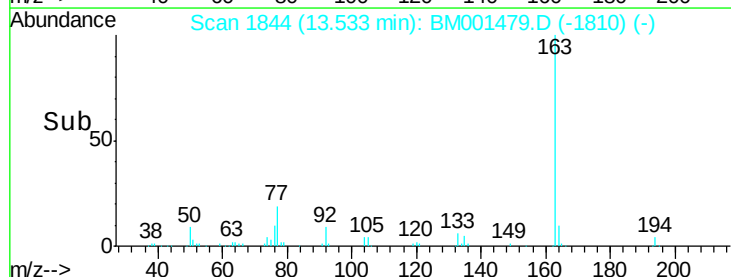
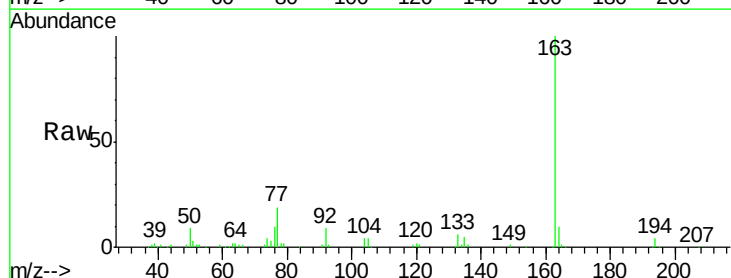
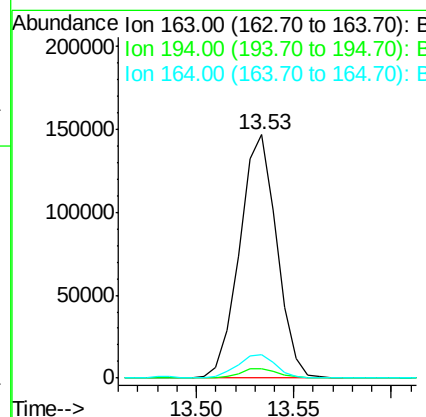
RT: 13.53 min Scan# 1844

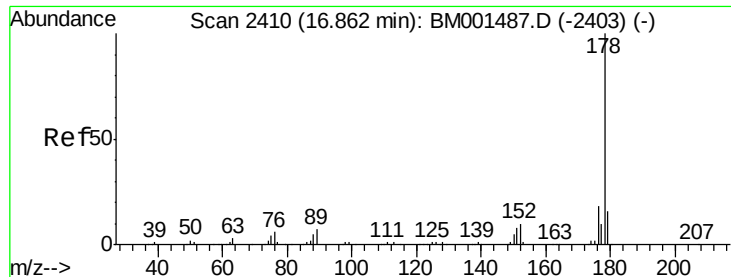
Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Tgt Ion:	163	Resp:	193631
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.8	8.2	12.4





#69

Phenanthrene

Concen: 4.68 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

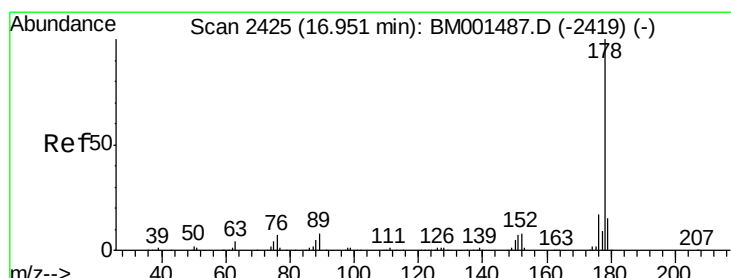
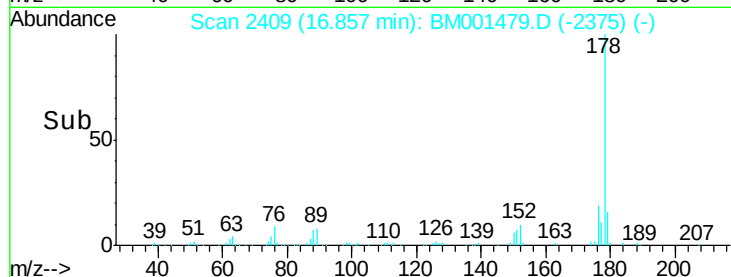
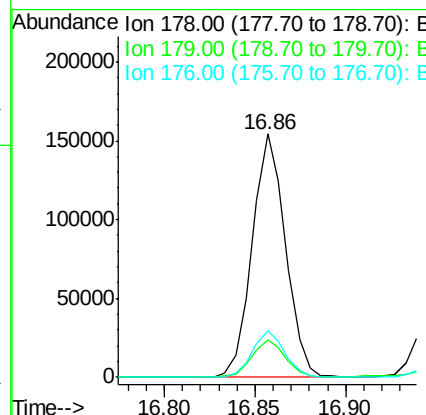
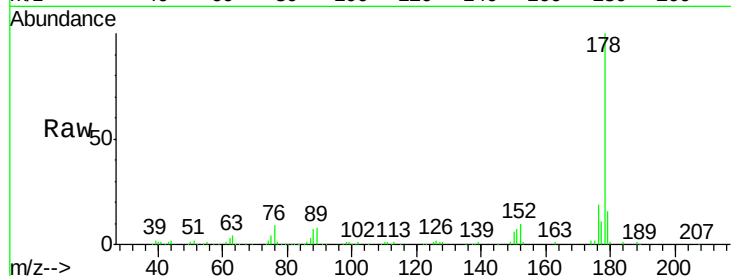
ClientSampleId :

BCRC3RE

Tgt Ion:	178	Resp:	196868
Ion Ratio	Lower	Upper	
178	100		
179	15.7	11.9	17.9
176	19.0	15.0	22.4

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#71

Anthracene

Concen: 1.20 ng/ul m

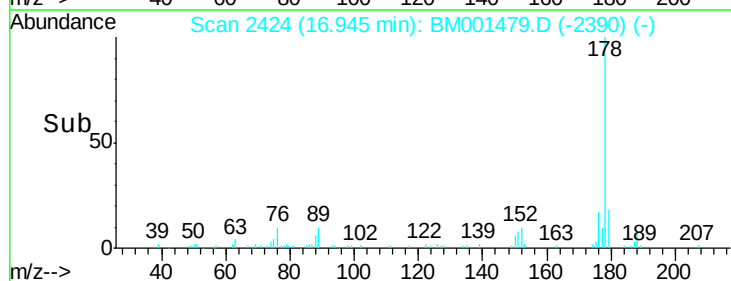
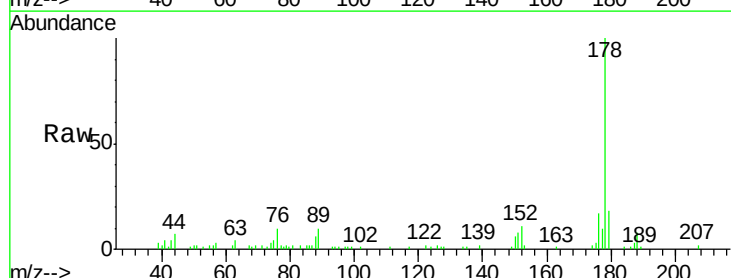
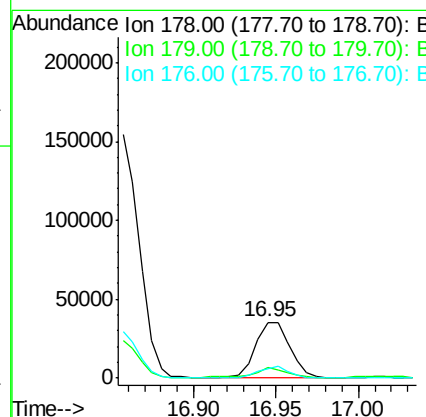
RT: 16.95 min Scan# 2424

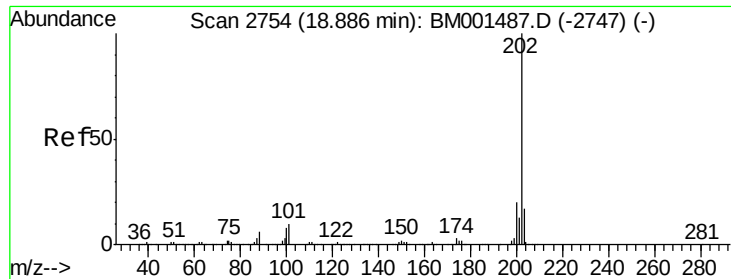
Delta R.T. 0.00 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Tgt Ion:	178	Resp:	52322
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.1	18.1#
176	17.3	14.5	21.7





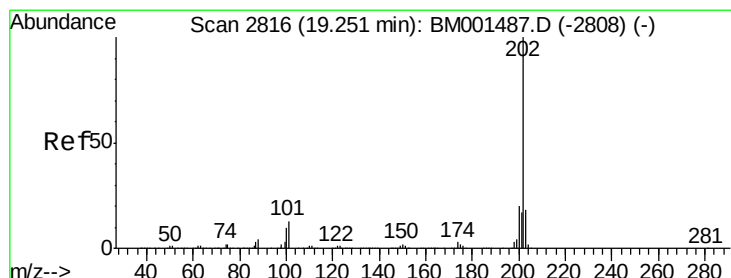
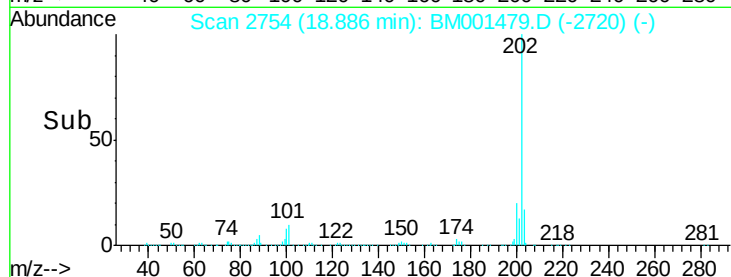
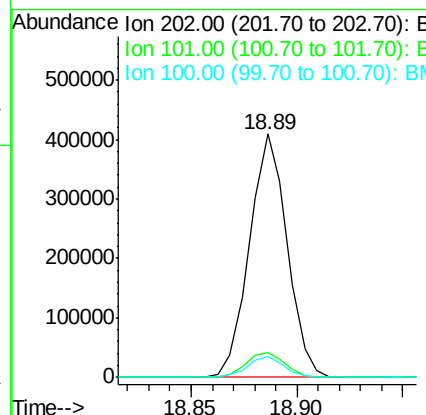
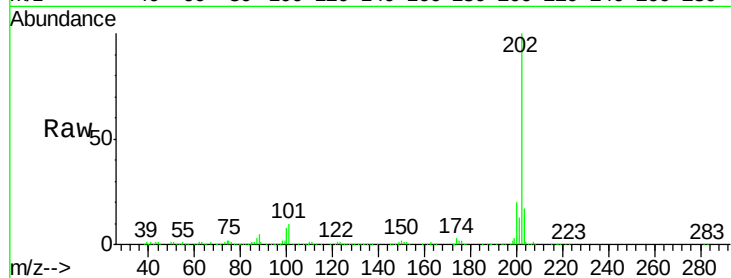
#74
Fluoranthene
Concen: 9.95 ng/ul
RT: 18.89 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Instrument :
BNA_M
ClientSampled :
BCRC3RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	8.6	12.8
100	8.4	6.5	9.7

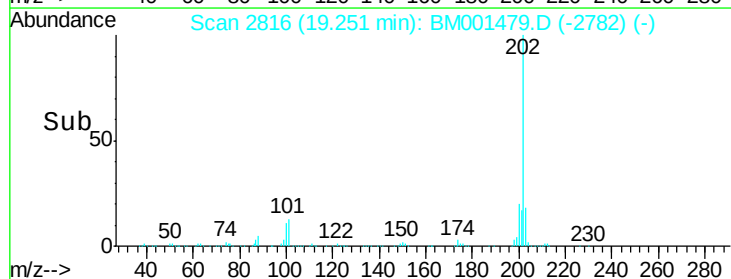
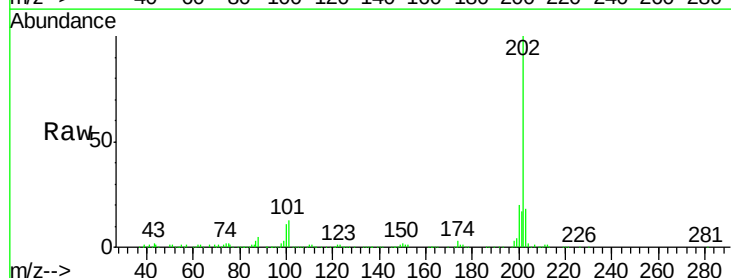
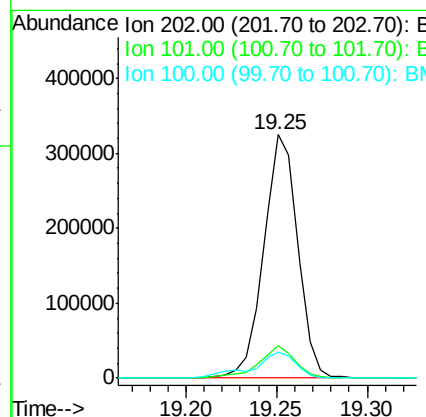
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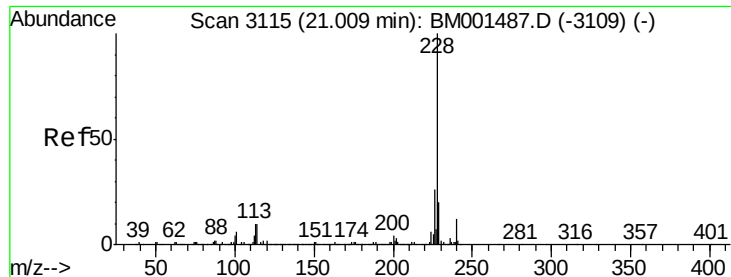
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#77
Pyrene
Concen: 9.21 ng/ul
RT: 19.25 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	10.3	15.5
100	10.7	8.6	12.8





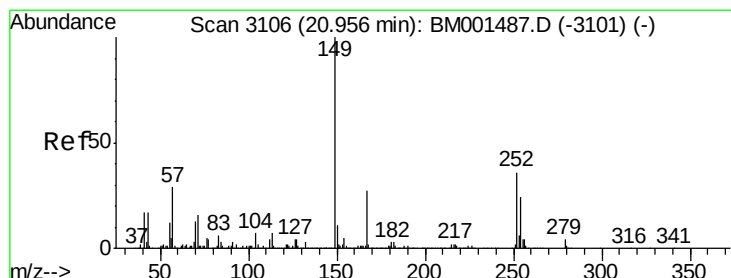
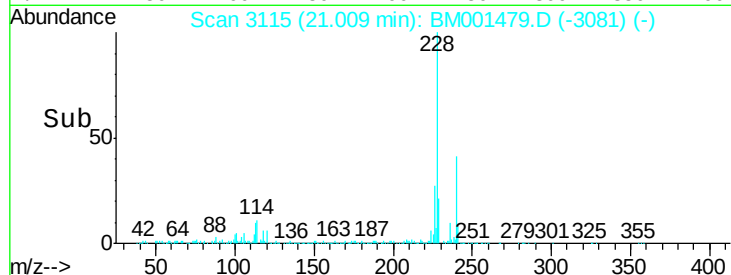
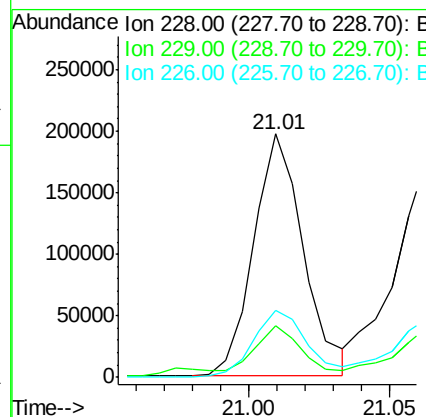
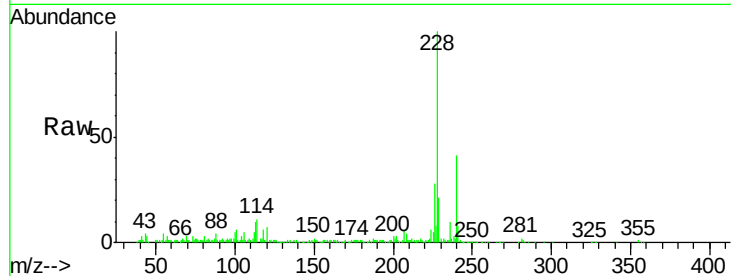
#80
Benzo(a)anthracene
Concen: 5.32 ng/ul
RT: 21.01 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Instrument :
BNA_M
ClientSampleId :
BCRC3RE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	239246		
229	21.2	15.8	23.8	
226	27.7	20.6	30.8	

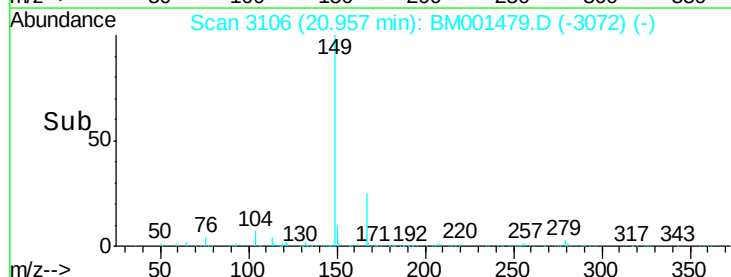
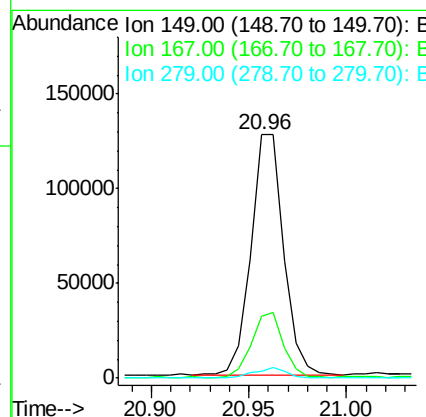
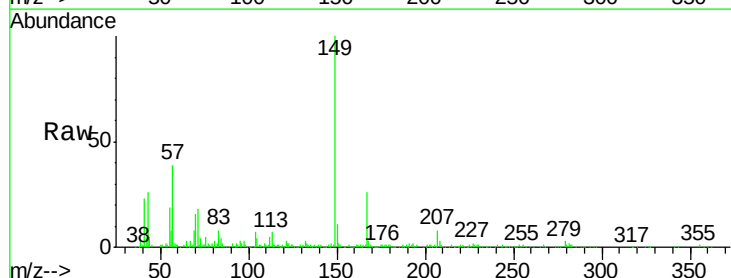
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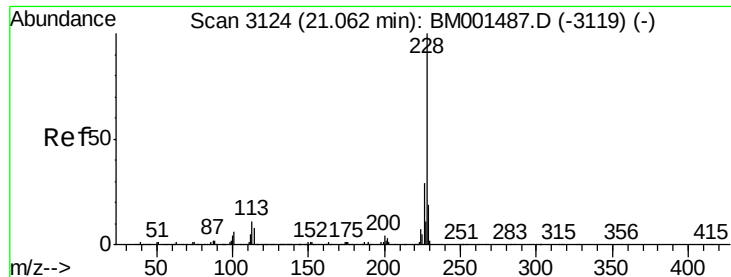
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#81
Bis(2-ethylhexyl)phthalate
Concen: 5.12 ng/ul
RT: 20.96 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	146905		
167	25.7	21.2	31.8	
279	2.9	3.1	4.7#	





#82

Chrysene

Concen: 5.32 ng/ul

RT: 21.06 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Instrument :

BNA_M

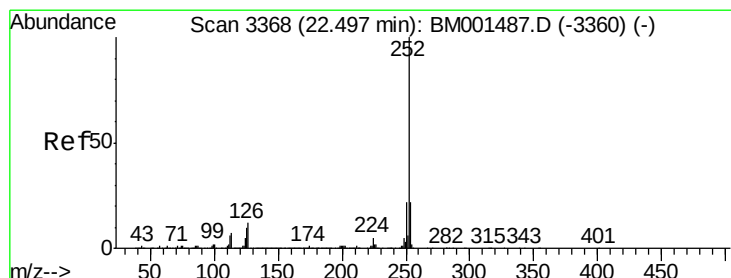
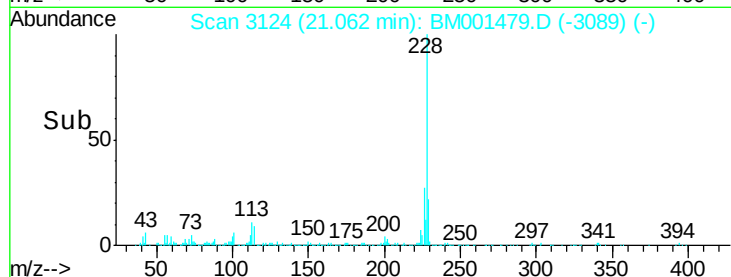
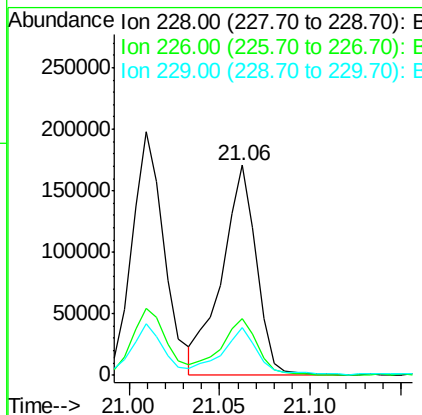
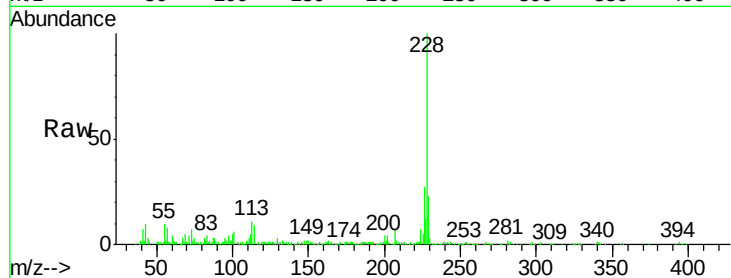
ClientSampleId :

BCRC3RE

Tgt Ion:	228	Resp:	225510
Ion Ratio		Lower	Upper
228	100		
226	27.3	23.0	34.4
229	22.9	15.7	23.5

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#85

Benzo(b)fluoranthene

Concen: 7.48 ng/ul

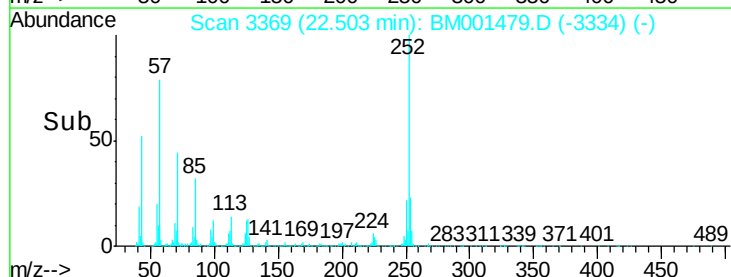
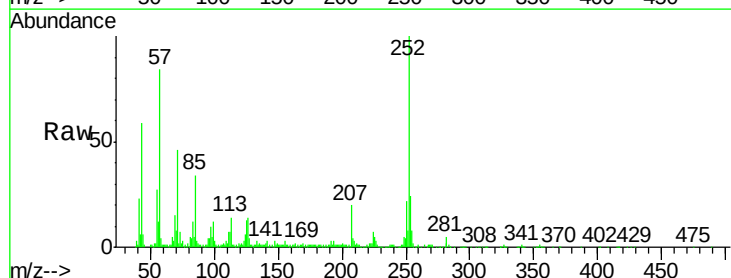
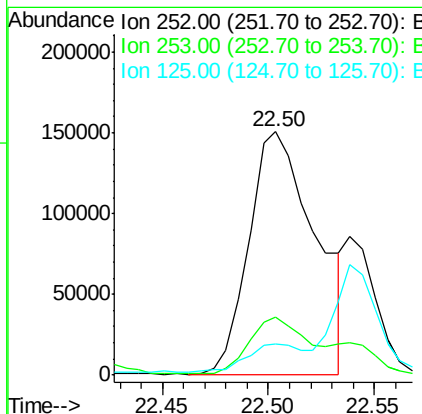
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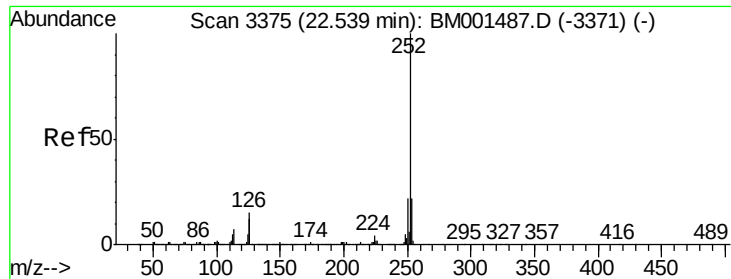
Delta R.T. 0.01 min

Lab File: BM001479.D

Acq: 30 May 2015 17:36

Tgt Ion:	252	Resp:	327147
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.0	8.6	12.8#





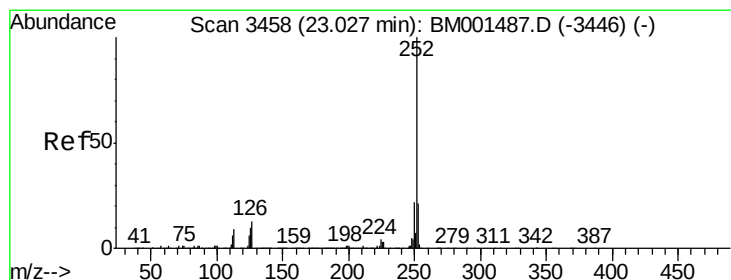
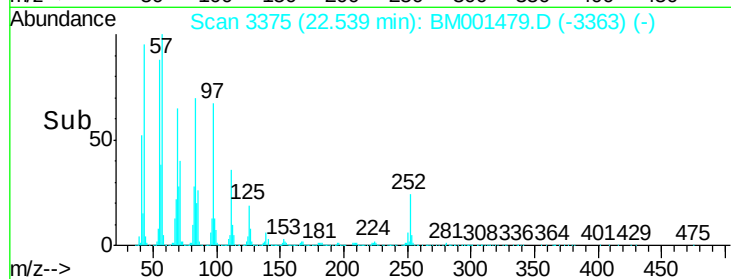
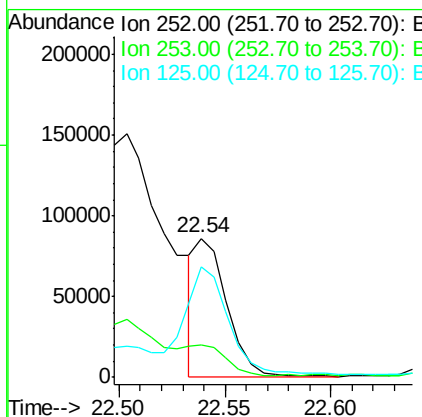
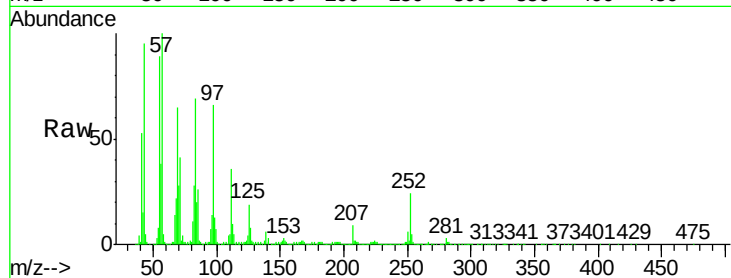
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Benzo(k)fluoranthene
Concen: 2.08 ng/ul
RT: 22.54 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Instrument :
BNA_M
ClientSampleId :
BCRC3RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	79.4	8.6	13.0

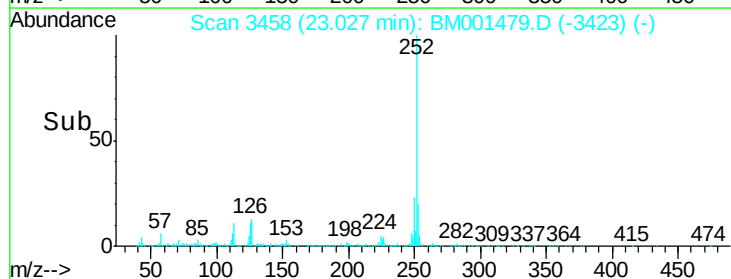
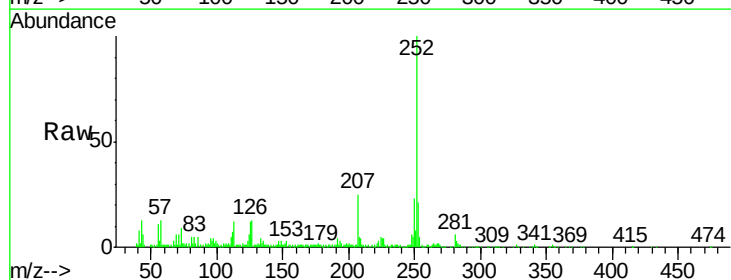
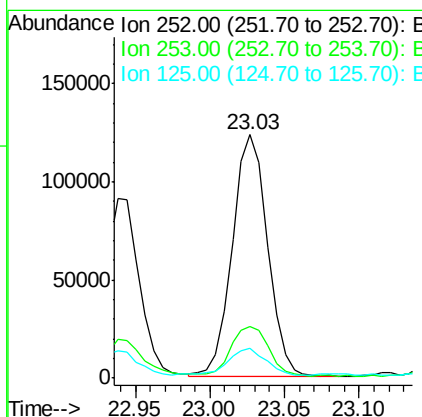
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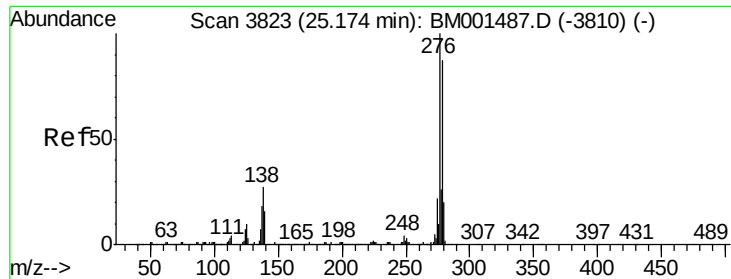
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#88
Benzo(a)pyrene
Concen: 4.97 ng/ul
RT: 23.03 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM001479.D
Acq: 30 May 2015 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	12.0	8.8	13.2





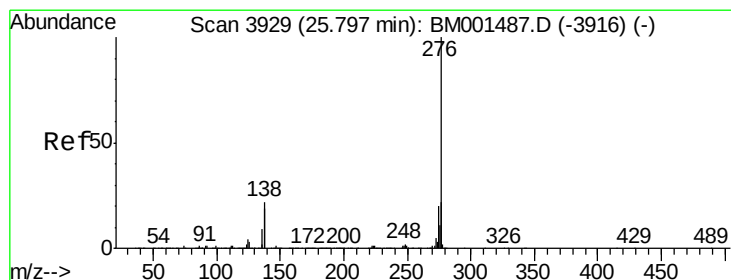
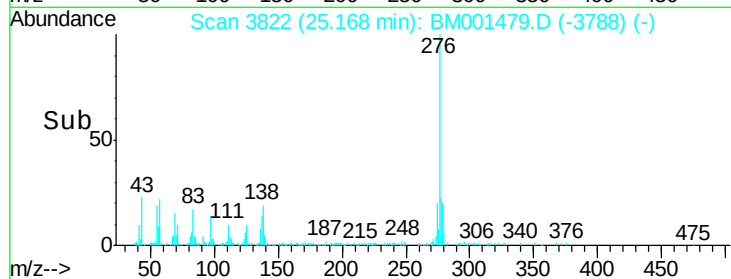
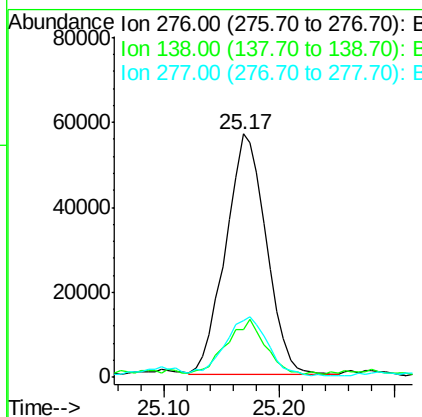
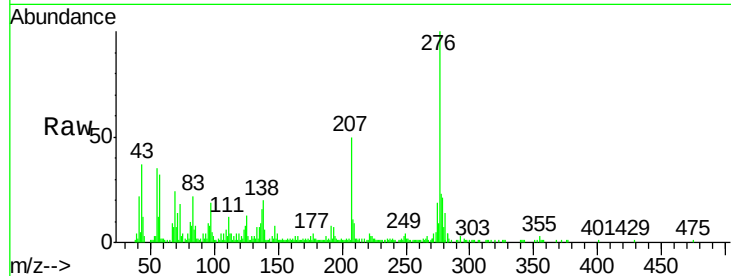
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.19 ng/ul
 RT: 25.17 min Scan# 3822
 Delta R.T. 0.00 min
 Lab File: BM001479.D
 Acq: 30 May 2015 17:36

Instrument :
 BNA_M
 ClientSampleId :
 BCRC3RE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	20.6	31.0#
277	23.2	19.2	28.8

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 3.67 ng/ul
 RT: 25.80 min Scan# 3930
 Delta R.T. 0.01 min
 Lab File: BM001479.D
 Acq: 30 May 2015 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.9	26.9
277	23.9	19.7	29.5

