

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001480.D
 Acq On : 30 May 2015 18:13
 Operator : TP/IZ
 Sample : G2411-13RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BCRC4RE

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Quant Time: May 31 04:08:15 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	7.37	152	184978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	749341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	404666	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	776800	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	762325	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	684977	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	14195	3.83	ng/uL	0.00
5) Phenol-d5	6.58	99	309285	22.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	190031	22.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	268478	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	192827	16.70	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	123508	25.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	146214	26.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	260461	23.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	157520	12.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	694066	24.46	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	954045	24.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	111393	19.25	ng/ul	0.00
57) Fluorene-d10	15.07	176	641442	22.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	55866	11.69	ng/ul	0.00
70) Anthracene-d10	16.92	188	827717	23.12	ng/ul	0.00
76) Pyrene-d10	19.22	212	909252	27.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	746338	24.64	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.20	105	38814	2.06	ng/ul	96
44) Dimethylphthalate	13.53	163	298008	9.30	ng/ul	98
69) Phenanthrene	16.86	178	135143	3.12	ng/ul	98
74) Fluoranthene	18.89	202	405927	7.75	ng/ul	98
77) Pyrene	19.25	202	375272	8.23	ng/ul	98
80) Benzo(a)anthracene	21.01	228	200036	4.49	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	456858	16.07	ng/ul	99
82) Chrysene	21.06	228	207118	4.94	ng/ul	97
85) Benzo(b)fluoranthene	22.50	252	259008	6.18	ng/ul#	95
86) Benzo(k)fluoranthene	22.54	252	91808m	2.29	ng/ul	
88) Benzo(a)pyrene	23.03	252	168490	4.28	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.17	276	121483	2.93	ng/ul#	92
91) Benzo(g,h,i)perylene	25.80	276	119055	3.48	ng/ul	96

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

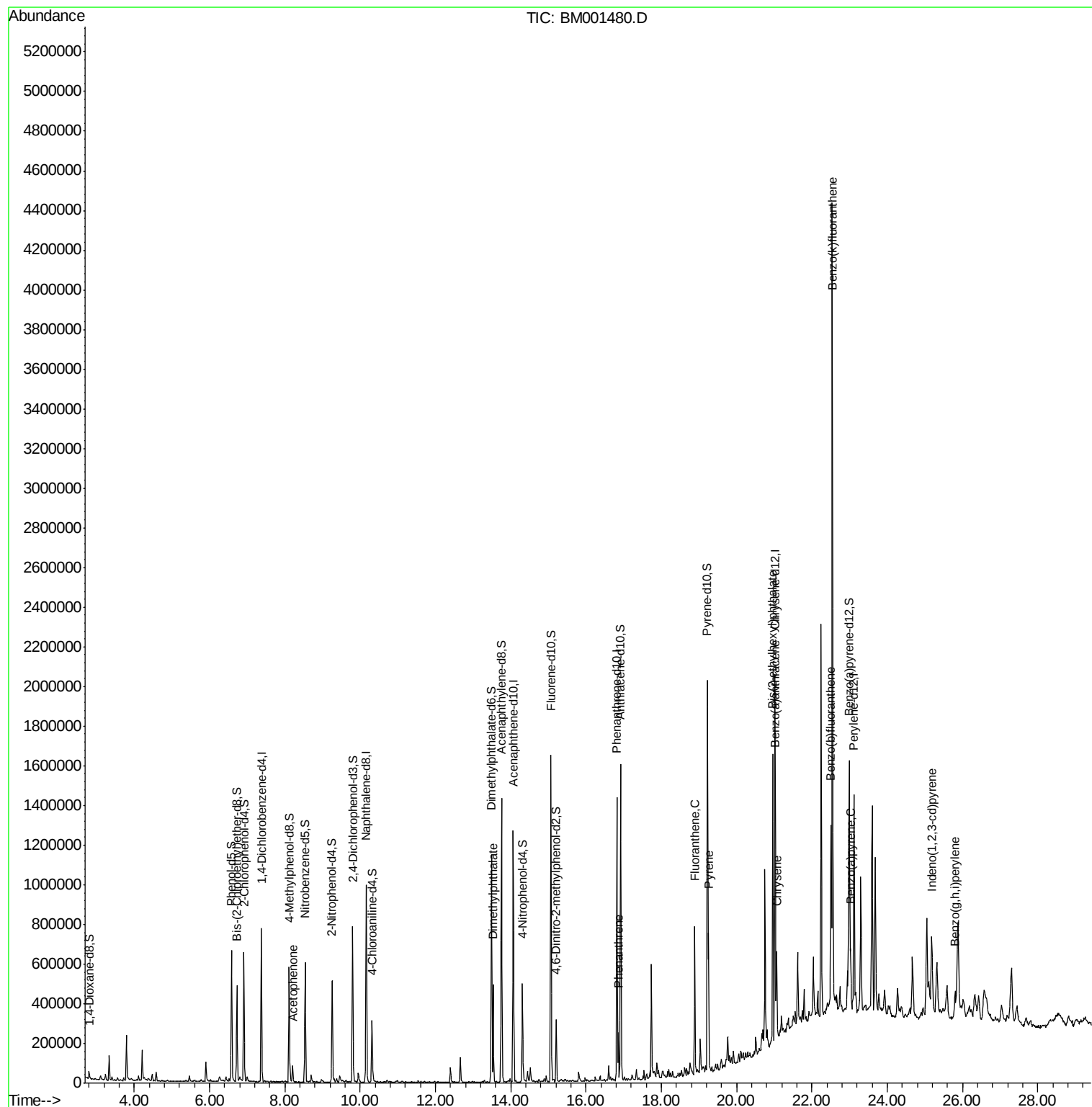
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001480.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

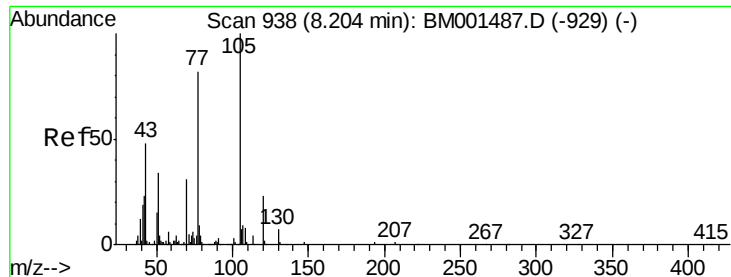
Instrument :
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Quant Time: May 31 04:08:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.06 ng/ul

RT: 8.20 min Scan# 938

Delta R.T. 0.01 min

Lab File: BM001480.D

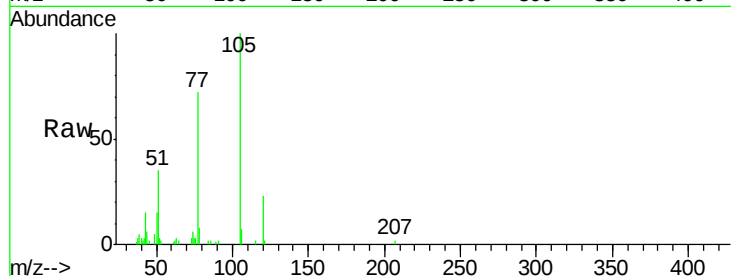
Acq: 30 May 2015 18:13

Instrument :

BNA_M

ClientSampleId :

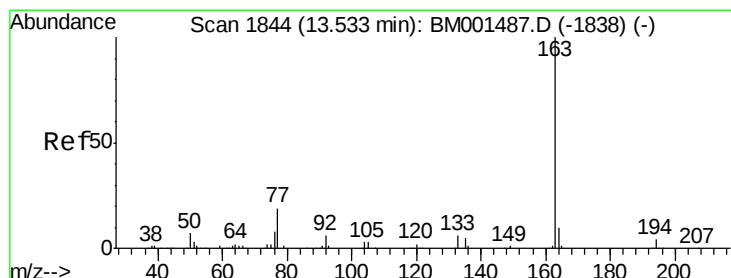
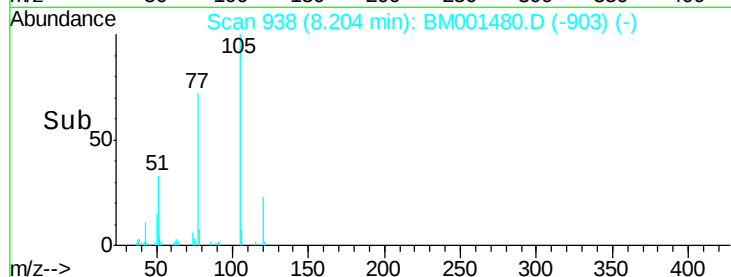
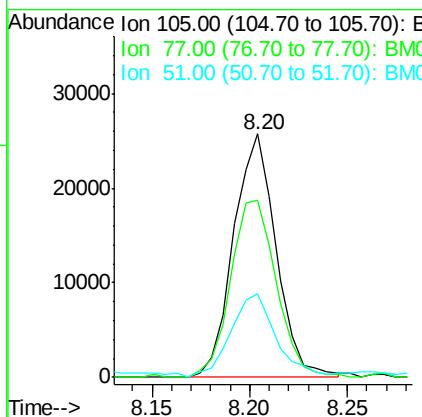
BCRC4RE



Tgt Ion:	105	Resp:	38814
Ion Ratio	Lower	Upper	
105	100		
77	72.5	61.6	92.4
51	34.5	27.5	41.3

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#44

Dimethylphthalate

Concen: 9.30 ng/ul

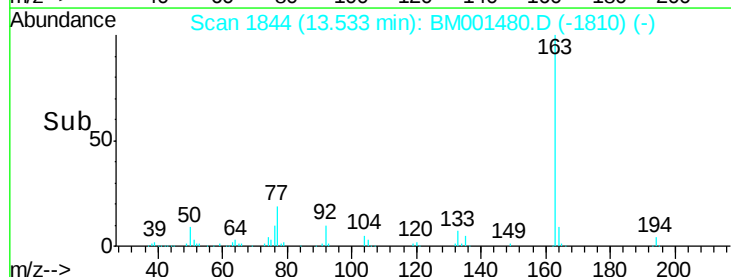
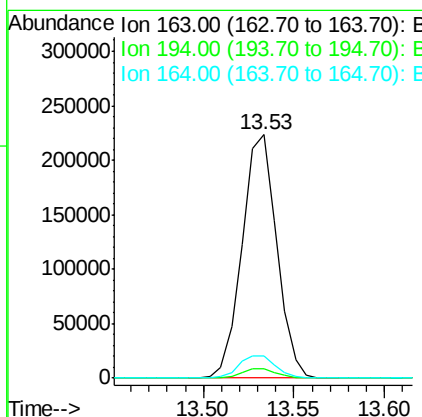
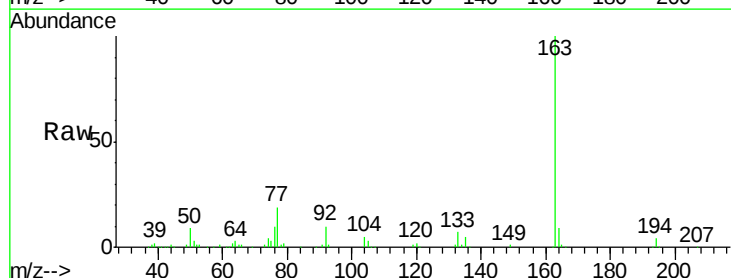
RT: 13.53 min Scan# 1844

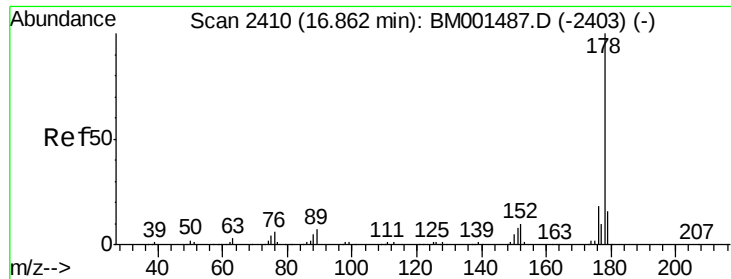
Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Tgt Ion:	163	Resp:	298008
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.2	8.2	12.4





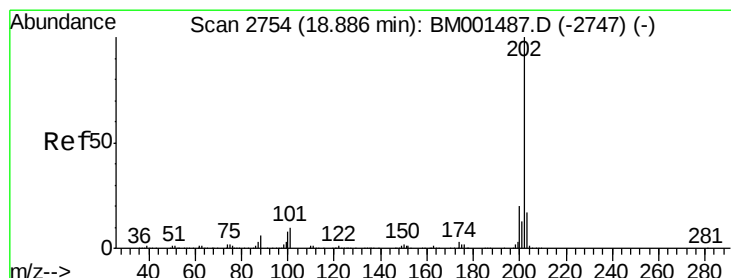
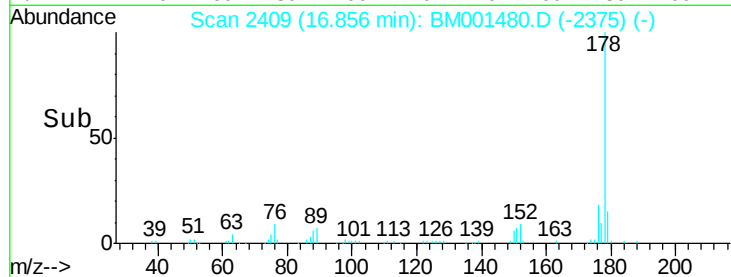
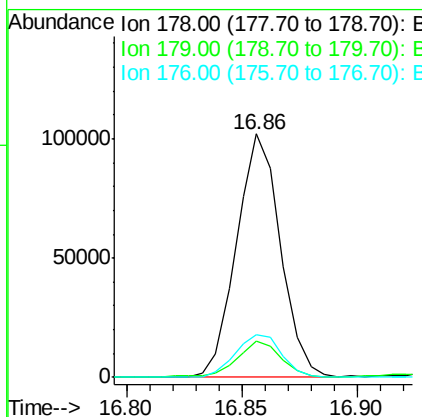
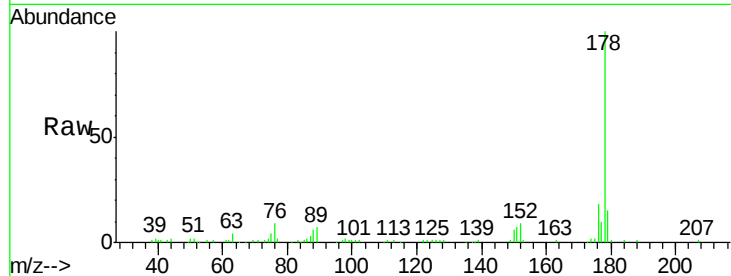
#69
Phenanthrene
Concen: 3.12 ng/ul
RT: 16.86 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM001480.D
Acq: 30 May 2015 18:13

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	135143		
179	14.7	11.9	17.9	
176	17.6	15.0	22.4	

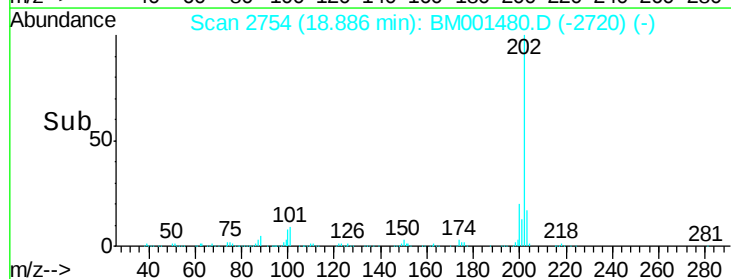
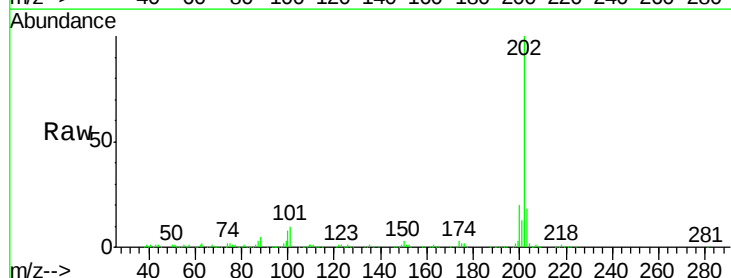
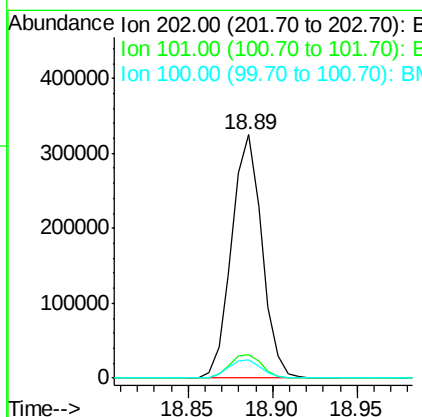
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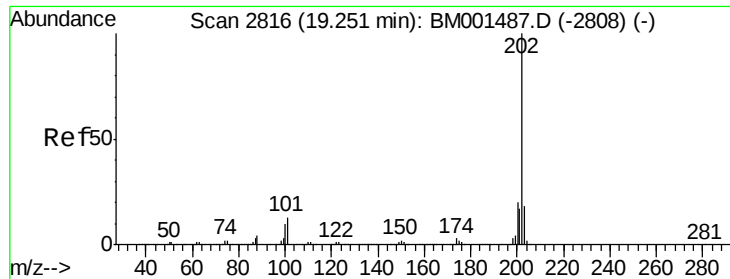
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#74
Fluoranthene
Concen: 7.75 ng/ul
RT: 18.89 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BM001480.D
Acq: 30 May 2015 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	405927		
101	9.6	8.6	12.8	
100	7.7	6.5	9.7	





#77

Pyrene

Concen: 8.23 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM001480.D

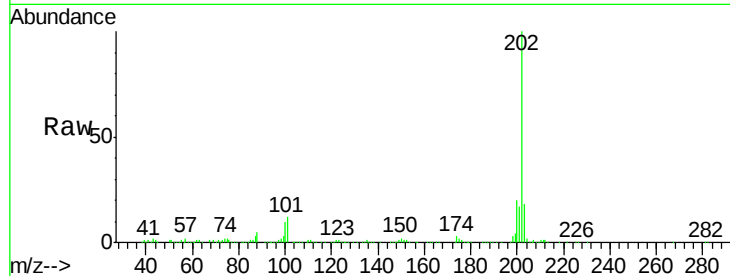
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Instrument :

BNA_M

ClientSampleId :

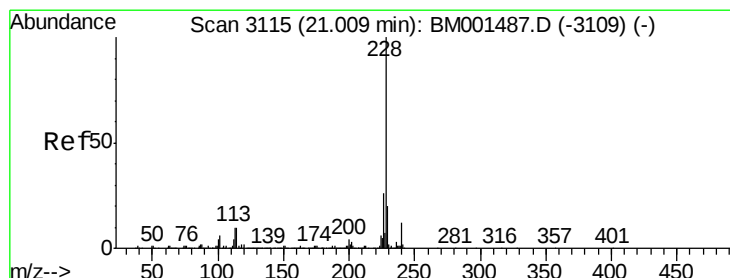
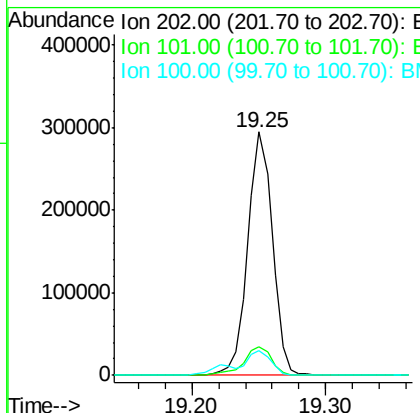
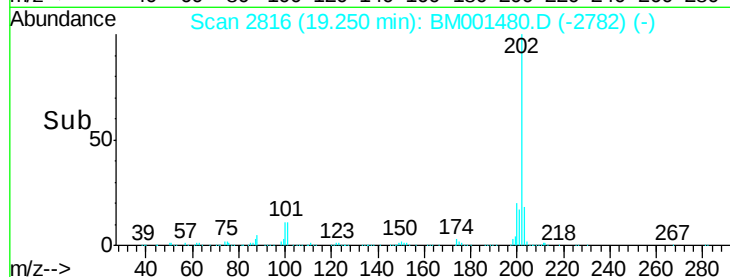
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	375272		
101	11.6	10.3	15.5	
100	10.4	8.6	12.8	

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#80

Benzo(a)anthracene

Concen: 4.49 ng/ul

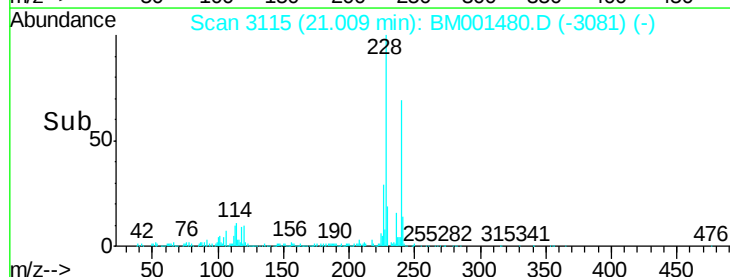
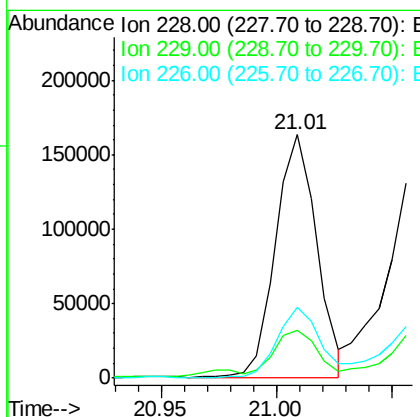
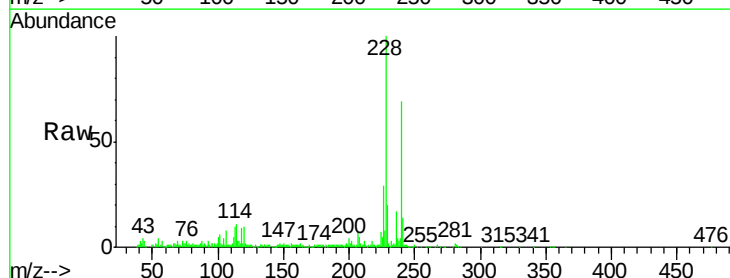
RT: 21.01 min Scan# 3115

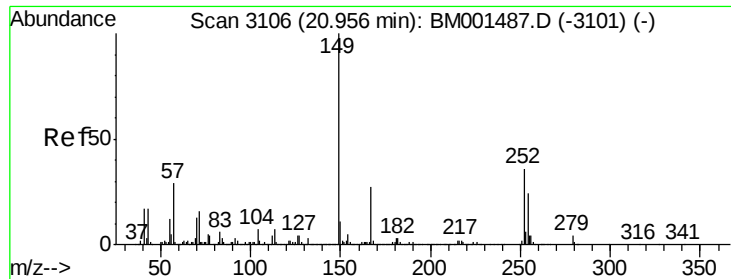
Delta R.T. -0.00 min

Lab File: BM001480.D

Acq: 30 May 2015 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	200036		
229	19.6	15.8	23.8	
226	29.0	20.6	30.8	





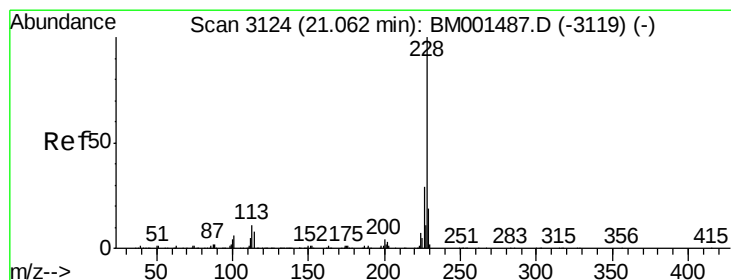
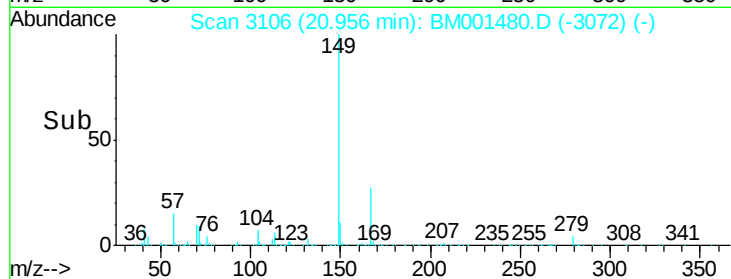
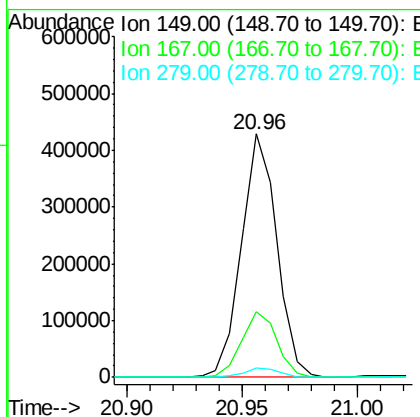
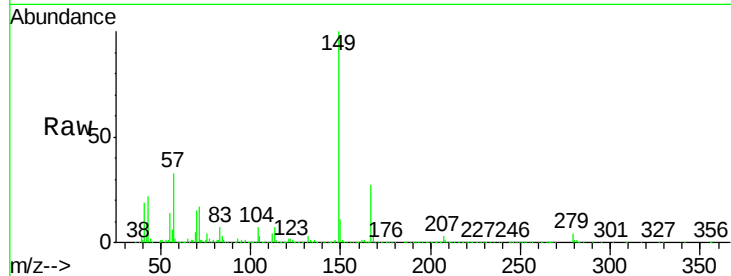
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 16.07 ng/ul
 RT: 20.96 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM001480.D
 Acq: 30 May 2015 18:13

Instrument :
 BNA_M
 ClientSampleId :
 BCRC4RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.8	21.2	31.8
279	3.8	3.1	4.7

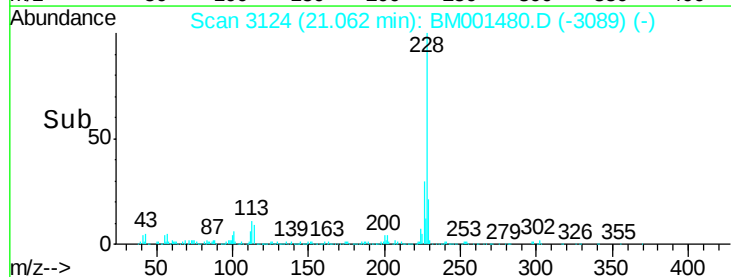
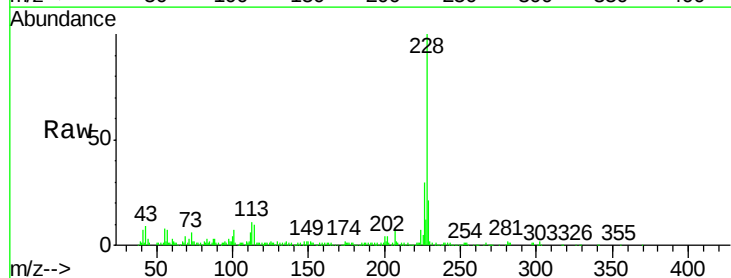
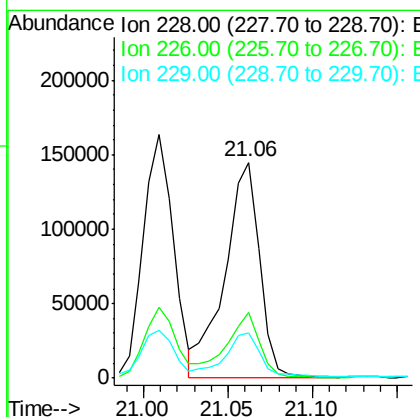
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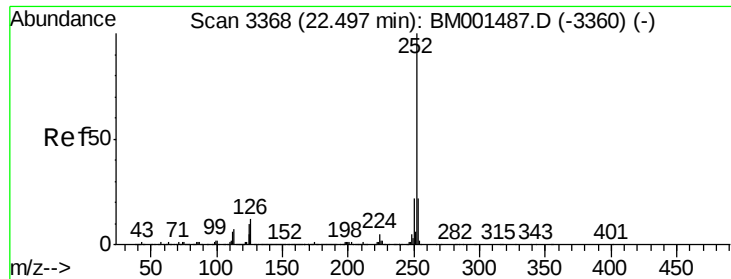
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#82
 Chrysene
 Concen: 4.94 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.01 min
 Lab File: BM001480.D
 Acq: 30 May 2015 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	23.0	34.4
229	21.2	15.7	23.5





#85

Benzo(b)fluoranthene

Concen: 6.18 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BM001480.D

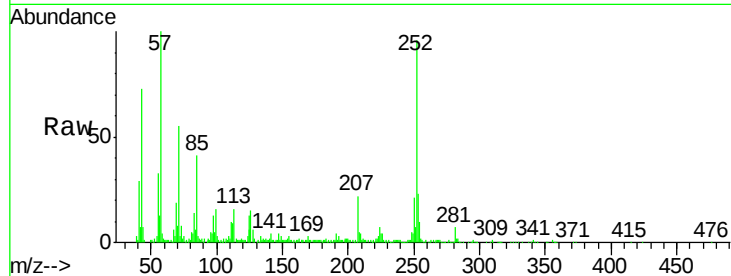
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Instrument :

BNA_M

ClientSampleId :

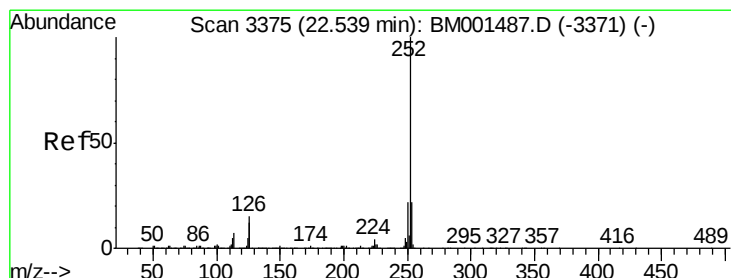
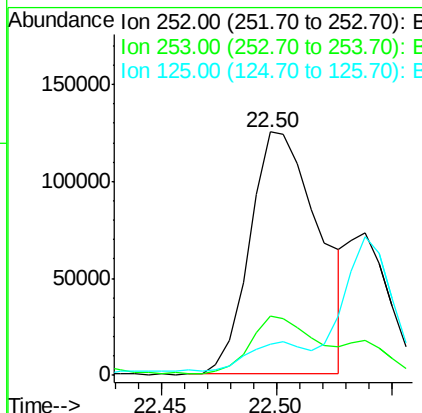
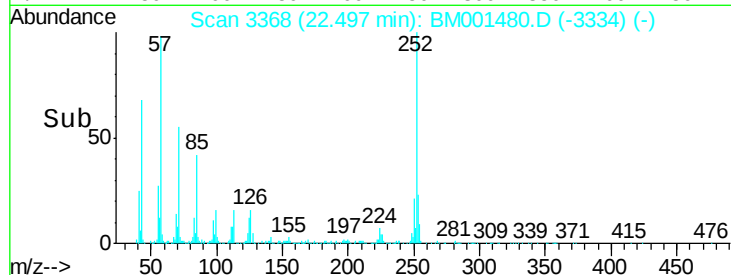
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	259008		
253	24.4	18.0	27.0	
125	13.0	8.6	12.8#	

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#86

Benzo(k)fluoranthene

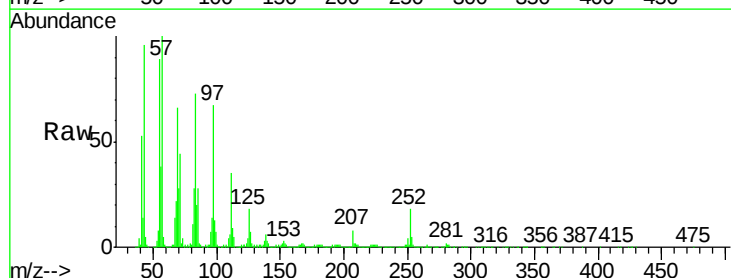
Concen: 2.29 ng/ul m

RT: 22.54 min Scan# 3375

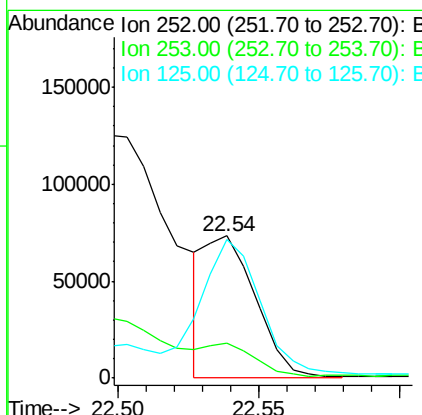
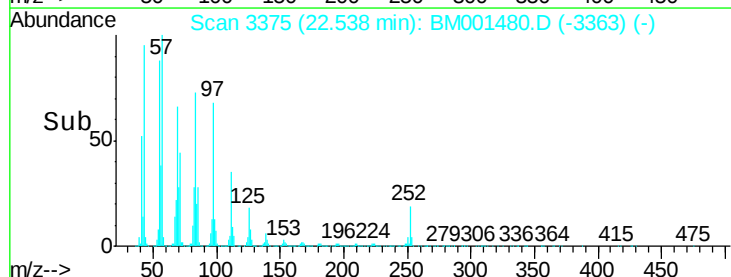
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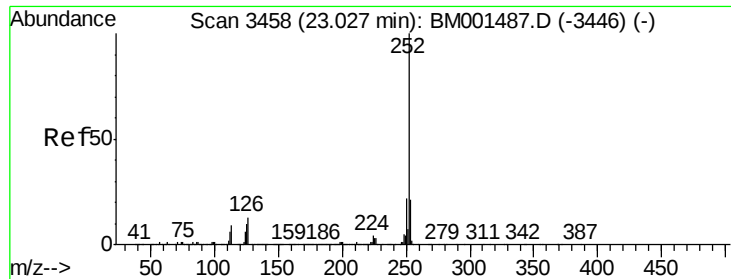
Lab File: BM001480.D

Acq: 30 May 2015 18:13



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	91808		
253	24.9	17.4	26.0	
125	97.7	8.6	13.0#	





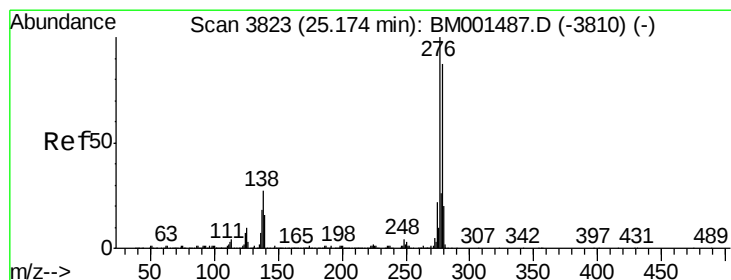
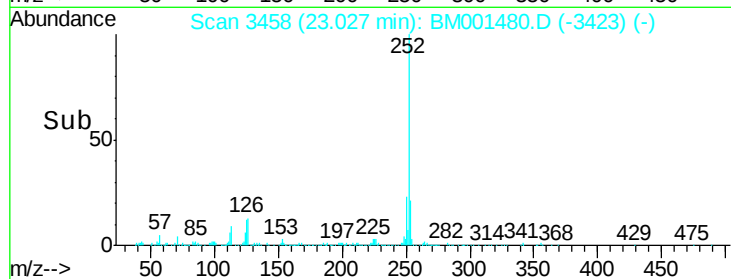
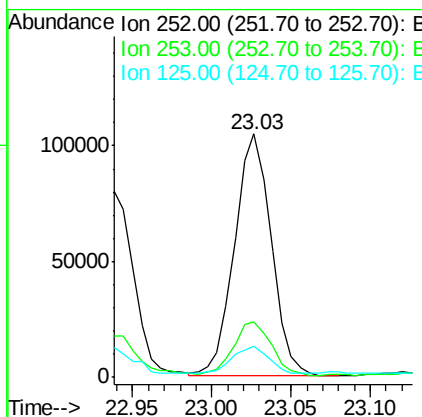
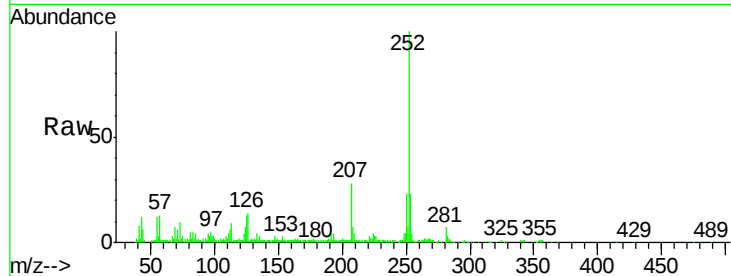
#88
Benzo(a)pyrene
Concen: 4.28 ng/ul
RT: 23.03 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM001480.D
Acq: 30 May 2015 18:13

Instrument :
BNA_M
ClientSampleId :
BCRC4RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.9	17.0	25.4
125	12.8	8.8	13.2

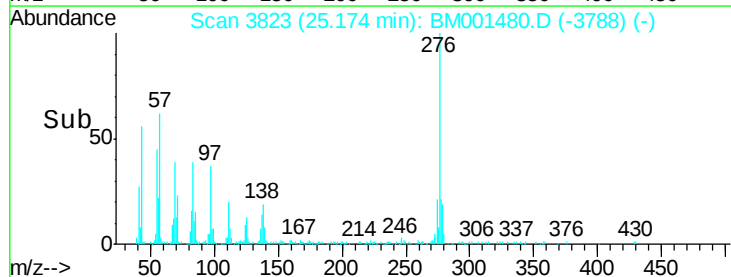
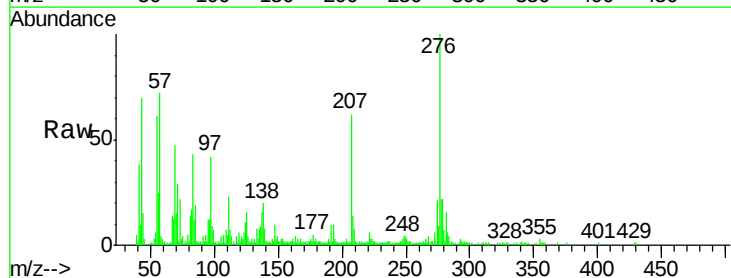
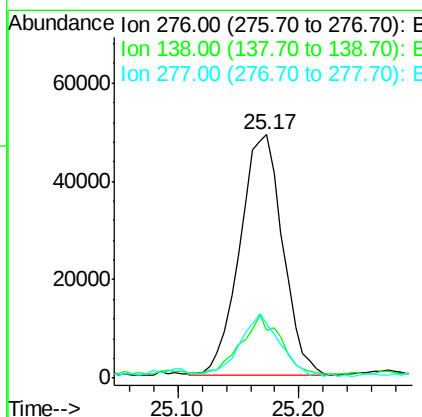
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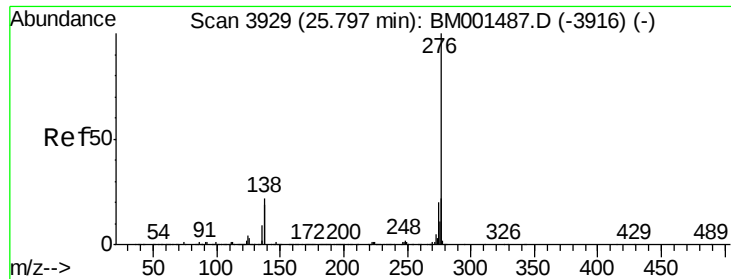
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.93 ng/ul
RT: 25.17 min Scan# 3823
Delta R.T. 0.01 min
Lab File: BM001480.D
Acq: 30 May 2015 18:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.8	20.6	31.0#
277	22.0	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 3.48 ng/ul
 RT: 25.80 min Scan# 3929
 Delta R.T. 0.01 min
 Lab File: BM001480.D
 Acq: 30 May 2015 18:13

Instrument :
 BNA_M
 ClientSampleId :
 BCRC4RE

Tgt	Ion	276	Resp	119055
	Ratio	100	Lower	Upper
	276	100		
	138	23.8	17.9	26.9
	277	21.9	19.7	29.5

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