

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001454.D
 Acq On : 29 May 2015 21:32
 Operator : TP/IZ
 Sample : G2411-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB5

Manual Integrations
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 6/1/2015 4:26:45 PM

Quant Time: May 30 04:05:38 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	151261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	649336	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	385371	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	785936	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	693778	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	626558	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	11522	3.80	ng/uL	0.00
5) Phenol-d5	6.58	99	299910	26.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	189859	27.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	255439	27.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	242790	25.71	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	120781	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	142837	29.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	266992	27.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	132199	11.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	787755	29.15	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	1088739	29.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	132852	24.11	ng/ul	0.00
57) Fluorene-d10	15.07	176	755877	28.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	110076	22.76	ng/ul	0.00
70) Anthracene-d10	16.92	188	1039892	28.70	ng/ul	0.00
76) Pyrene-d10	19.23	212	1033715	34.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	831489	30.01	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.53	163	414416	13.59	ng/ul	100
69) Phenanthrene	16.86	178	147337	3.37	ng/ul	98
74) Fluoranthene	18.89	202	386815	7.30	ng/ul	99
77) Pyrene	19.25	202	312580	7.54	ng/ul	98
80) Benzo(a)anthracene	21.01	228	98479	2.43	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	154411	5.97	ng/ul	99
82) Chrysene	21.06	228	150085	3.93	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	173683	4.53	ng/ul#	92
86) Benzo(k)fluoranthene	22.53	252	60108m	1.64	ng/ul	
88) Benzo(a)pyrene	23.03	252	102672	2.85	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	74795	1.97	ng/ul	97
91) Benzo(g,h,i)perylene	25.80	276	75025	2.40	ng/ul	95

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

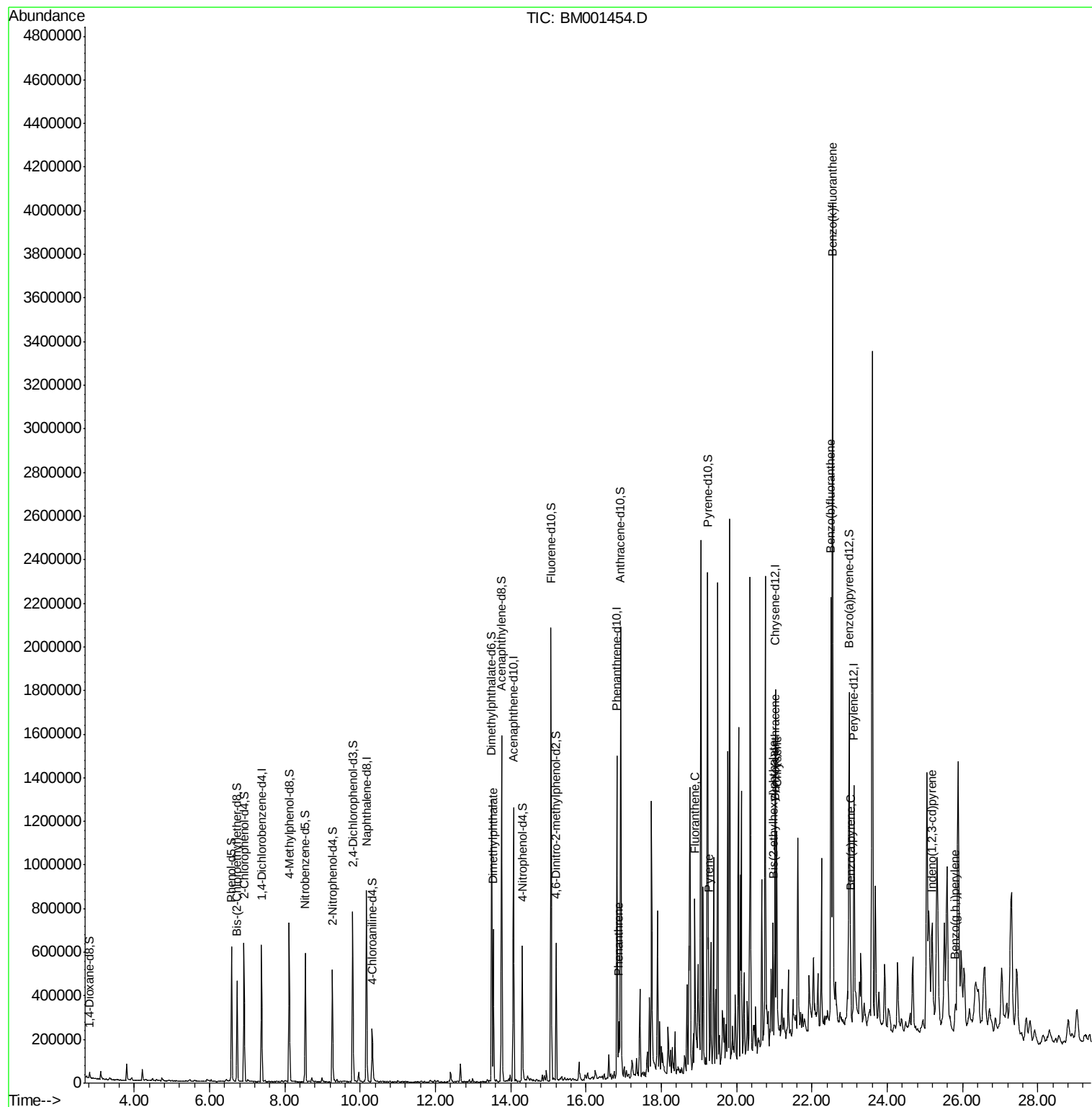
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

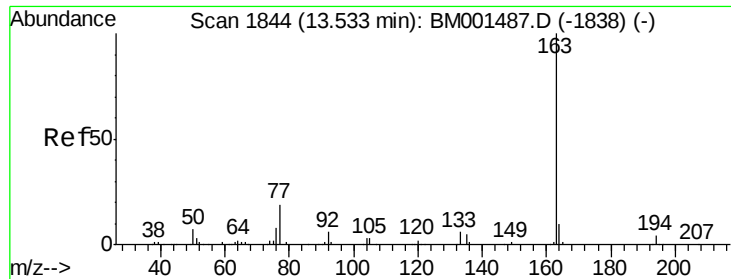
Instrument :
BNA_M
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Quant Time: May 30 04:05:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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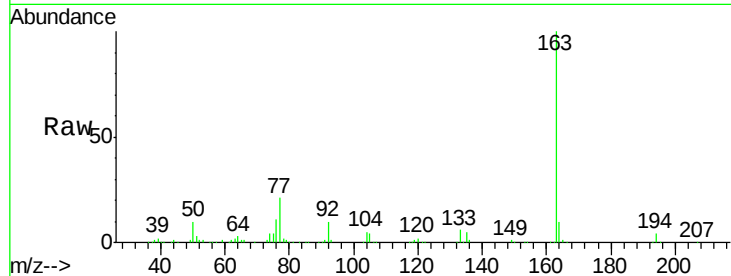
#44
Dimethylphthalate
Concen: 13.59 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001454.D
Acq: 29 May 2015 21:32

Instrument :
BNA_M
ClientSampleId :
BCRB5

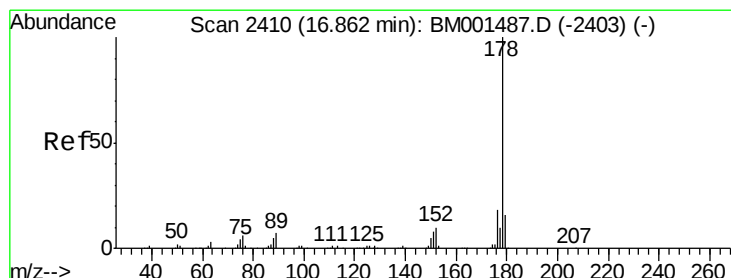
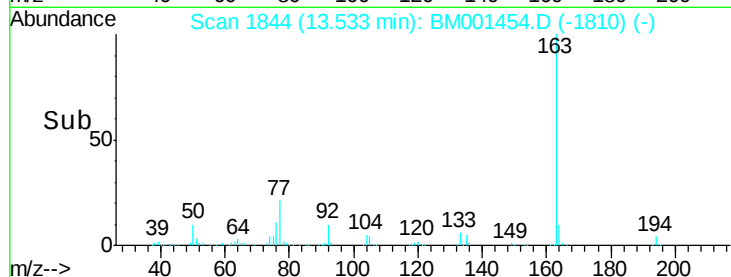
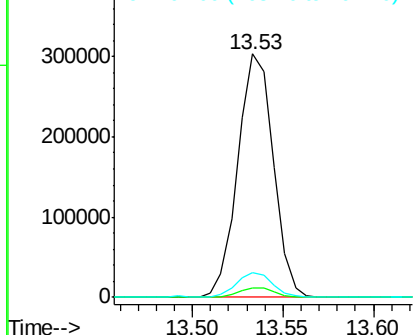
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	414416		
194	4.1	3.0	4.6	
164	10.2	8.2	12.4	

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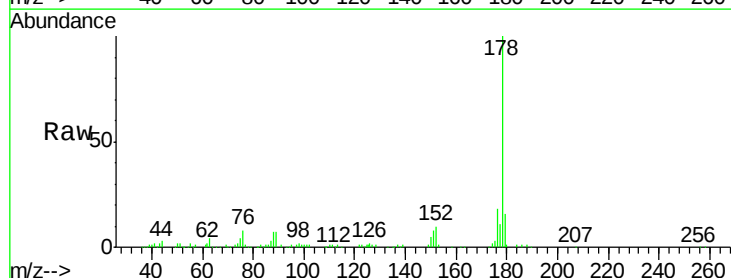


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

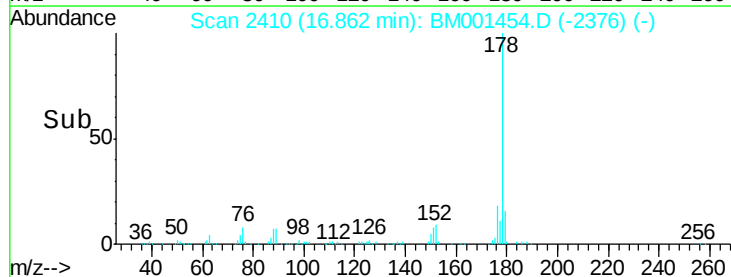
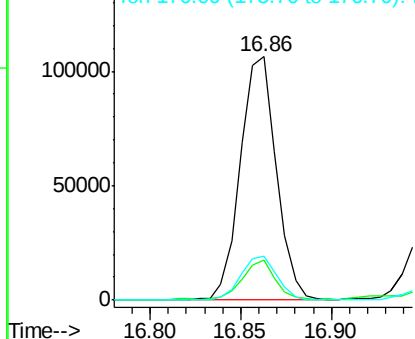


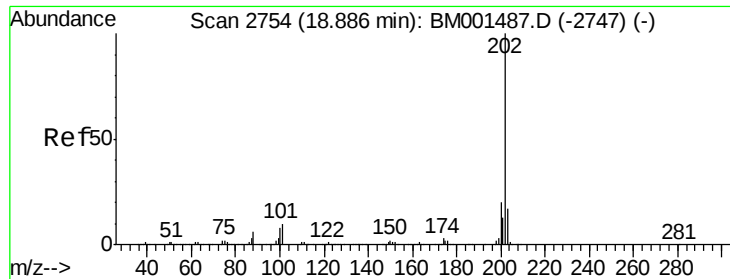
#69
Phenanthrene
Concen: 3.37 ng/ul
RT: 16.86 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BM001454.D
Acq: 29 May 2015 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	147337		
179	16.2	11.9	17.9	
176	18.2	15.0	22.4	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 7.30 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BM001454.D

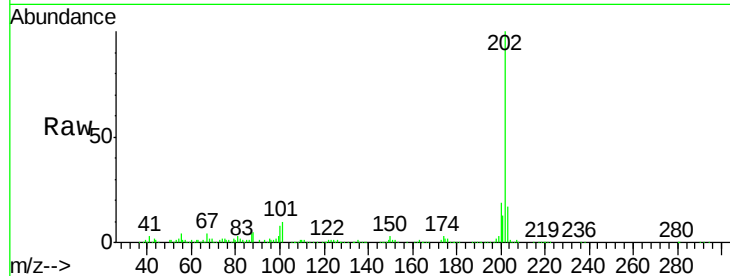
Acq: 29 May 2015 21:32

Instrument :

BNA_M

ClientSampleId :

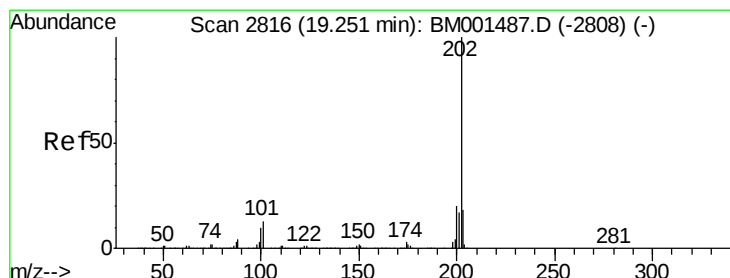
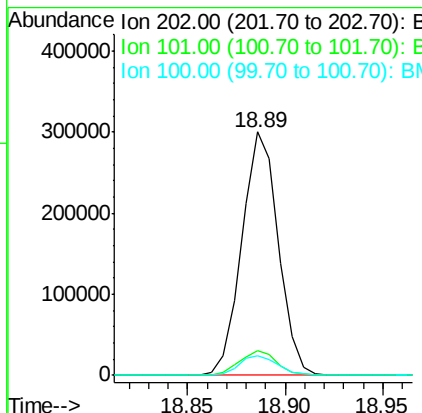
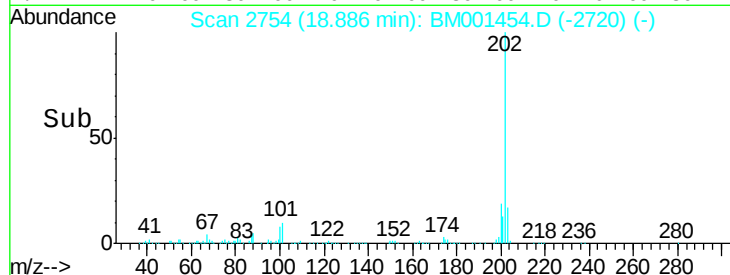
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	386815		
101	10.3	8.6	12.8	
100	8.1	6.5	9.7	

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#77

Pyrene

Concen: 7.54 ng/ul

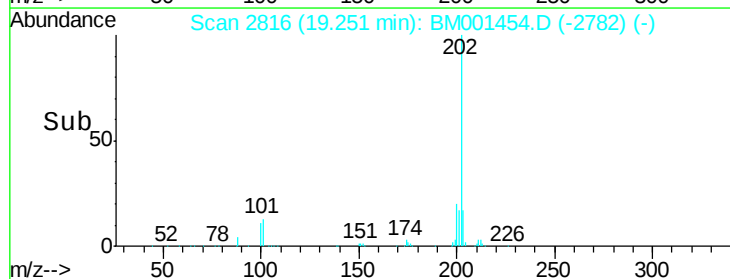
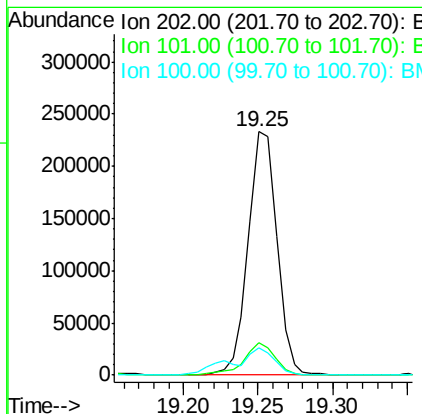
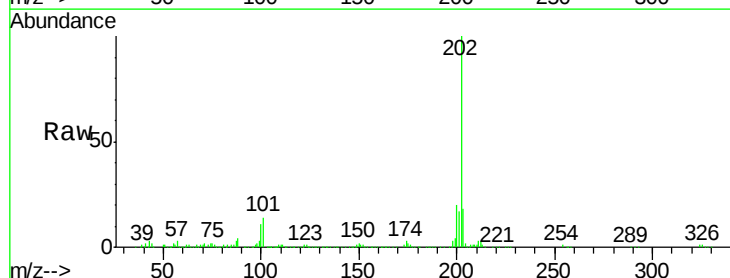
RT: 19.25 min Scan# 2816

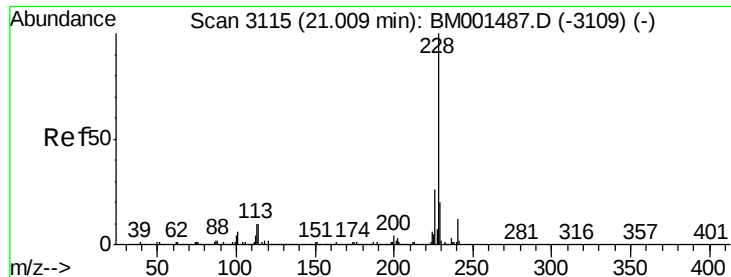
Delta R.T. 0.00 min

Lab File: BM001454.D

Acq: 29 May 2015 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	312580		
101	13.6	10.3	15.5	
100	11.3	8.6	12.8	





#80

Benzo(a)anthracene

Concen: 2.43 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001454.D

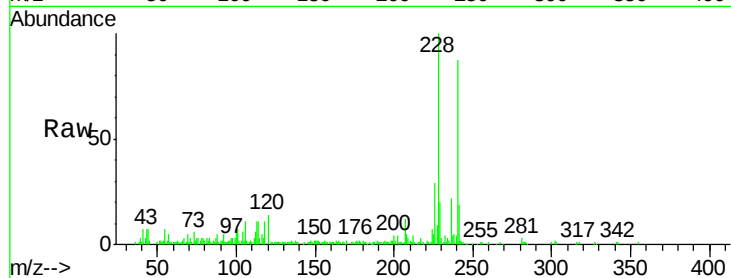
Acq: 29 May 2015 21:32

Instrument :

BNA_M

ClientSampleId :

BCRB5



Tgt Ion:228 Resp: 98479

Ion Ratio Lower Upper

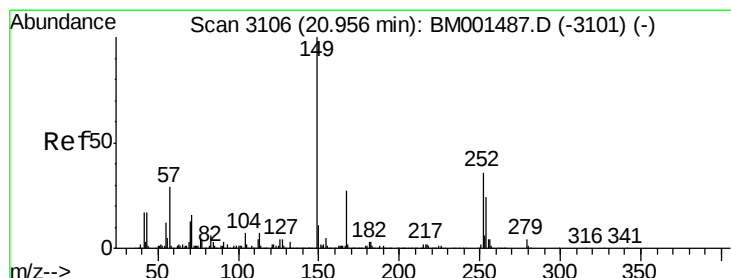
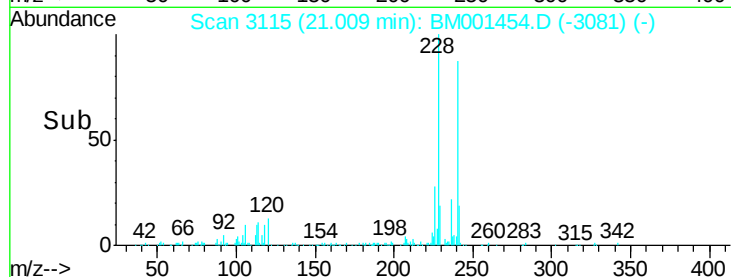
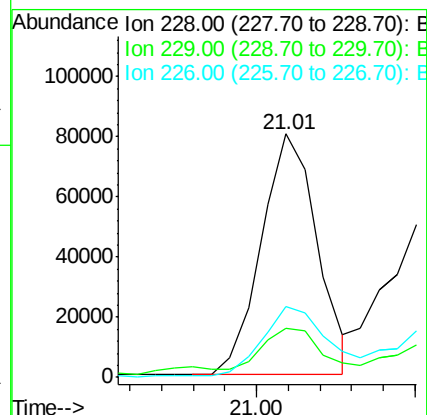
228 100

229 20.1 15.8 23.8

226 29.0 20.6 30.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 5.97 ng/ul

RT: 20.96 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BM001454.D

Acq: 29 May 2015 21:32

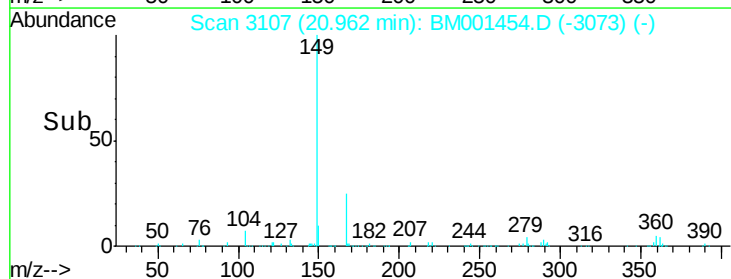
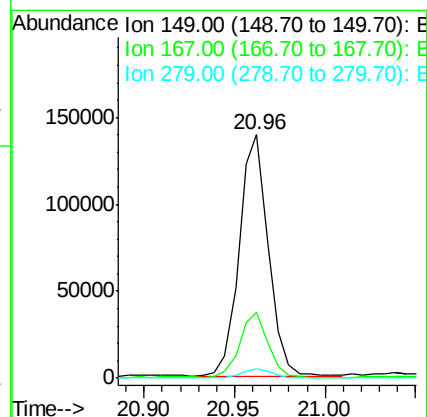
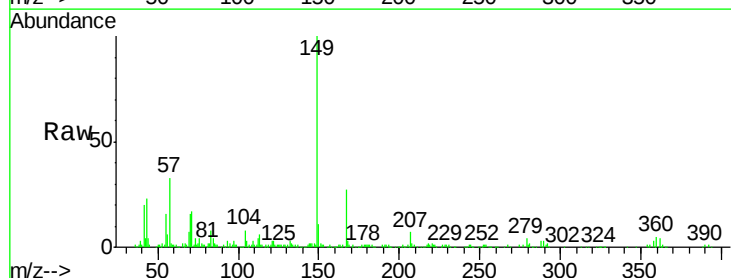
Tgt Ion:149 Resp: 154411

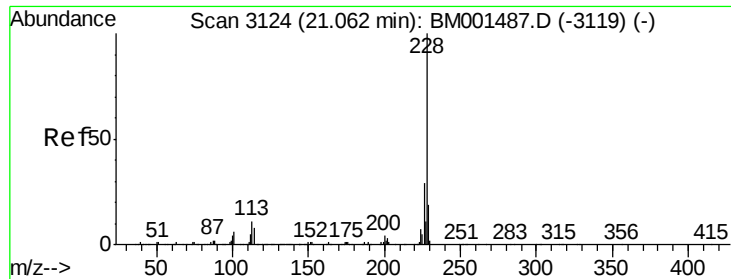
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 3.8 3.1 4.7





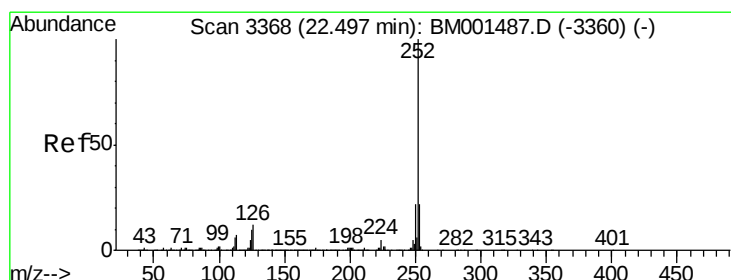
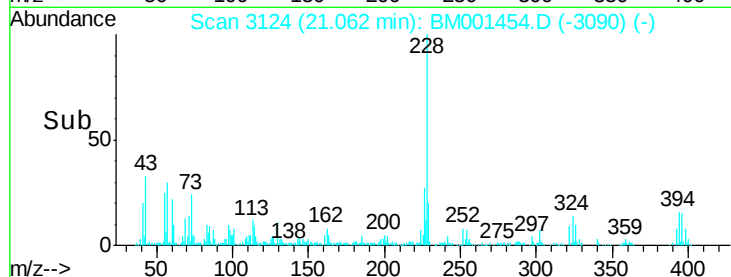
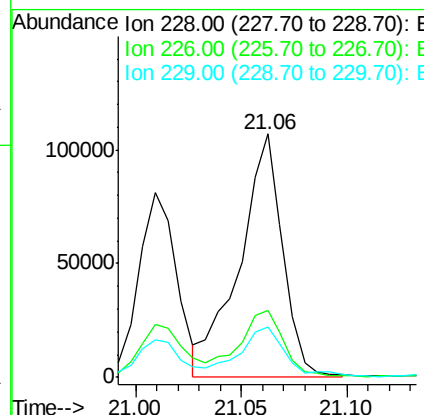
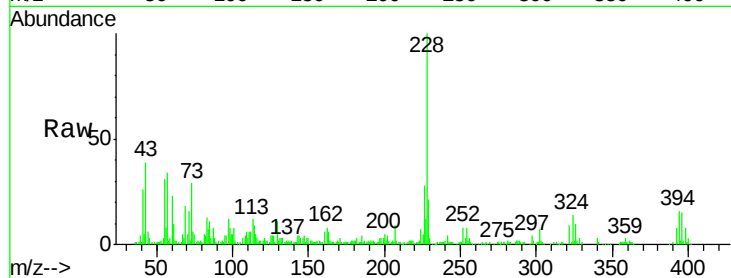
#82
Chrysene
Concen: 3.93 ng/ul
RT: 21.06 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM001454.D
Acq: 29 May 2015 21:32

Instrument :
BNA_M
ClientSampleId :
BCRB5

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	150085		
226	27.5	23.0	34.4	
229	20.8	15.7	23.5	

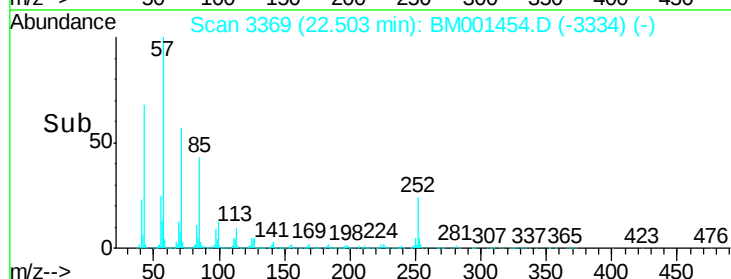
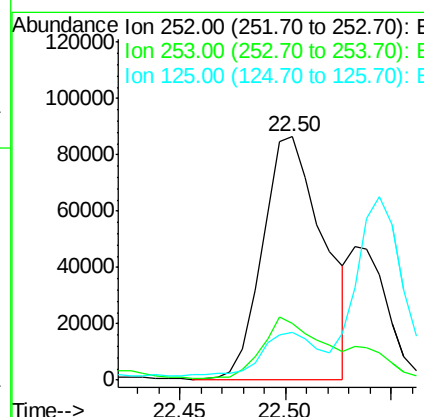
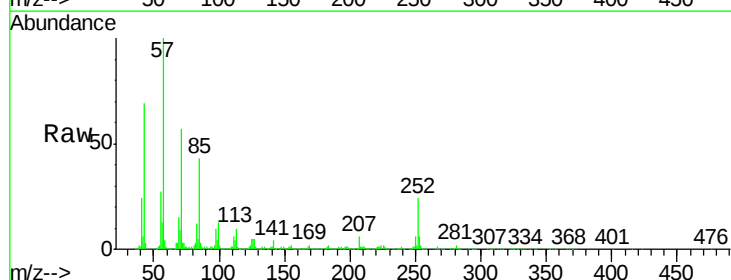
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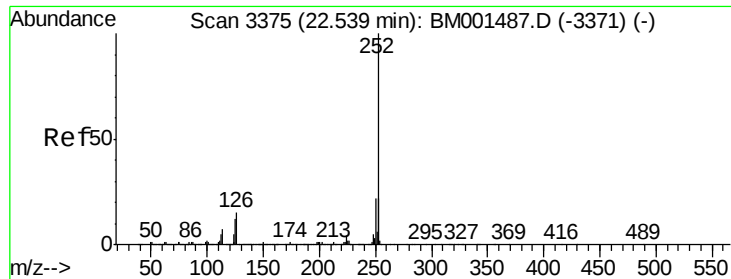
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#85
Benzo(b)fluoranthene
Concen: 4.53 ng/ul
RT: 22.50 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM001454.D
Acq: 29 May 2015 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	173683		
253	23.1	18.0	27.0	
125	19.4	8.6	12.8	





#86

Benzo(k)fluoranthene

Concen: 1.64 ng/ul m

RT: 22.53 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM001454.D

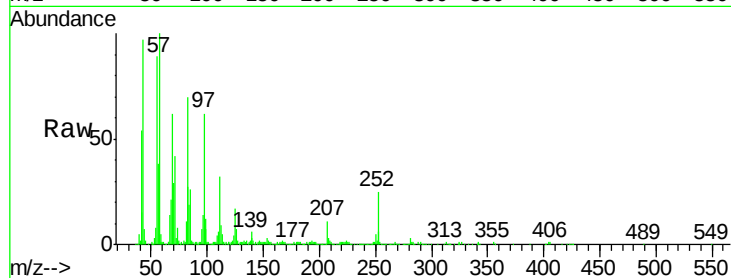
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Instrument :

BNA_M

ClientSampleId :

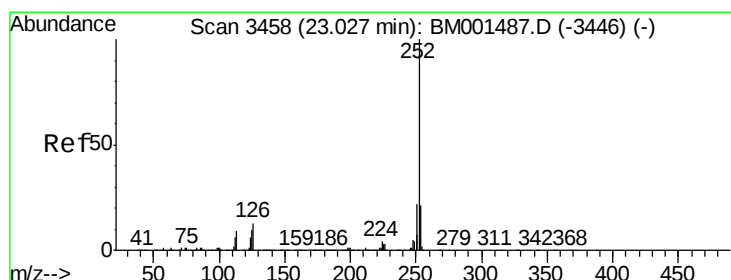
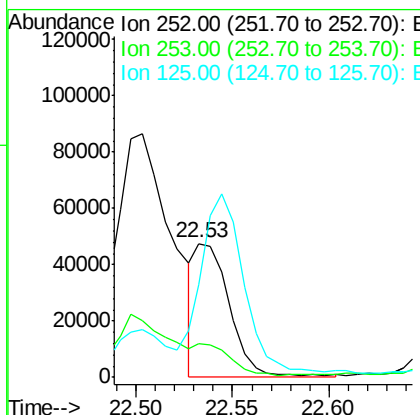
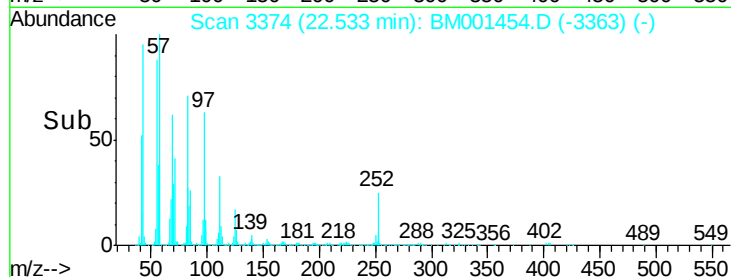
BCRB5



Tgt Ion:	252	Resp:	60108
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.4	26.0
125	68.7	8.6	13.0#

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#88

Benzo(a)pyrene

Concen: 2.85 ng/ul

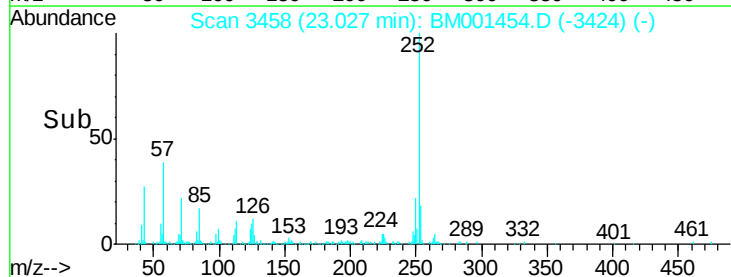
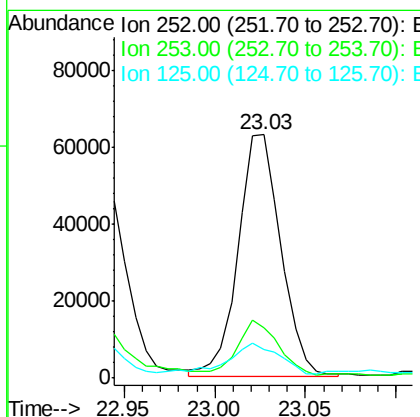
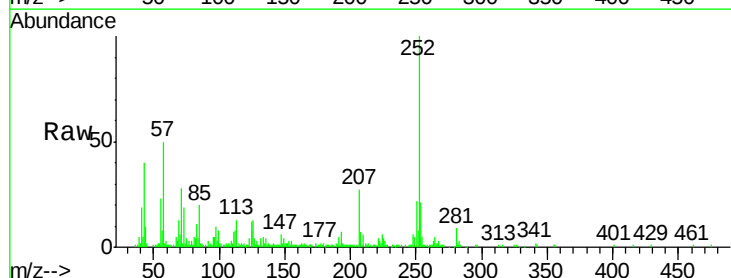
RT: 23.03 min Scan# 3458

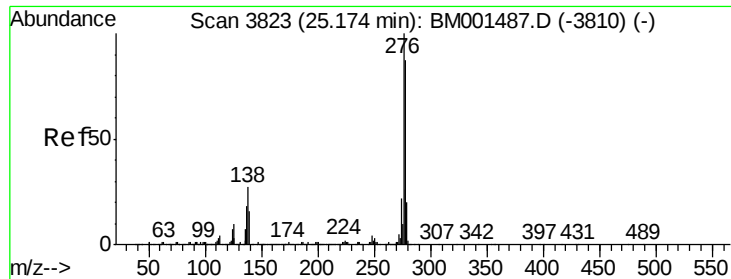
Delta R.T. 0.00 min

Lab File: BM001454.D

Acq: 29 May 2015 21:32

Tgt Ion:	252	Resp:	102672
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.0	25.4
125	11.8	8.8	13.2





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.97 ng/ul

RT: 25.17 min Scan# 3822

Delta R.T. 0.00 min

Lab File: BM001454.D

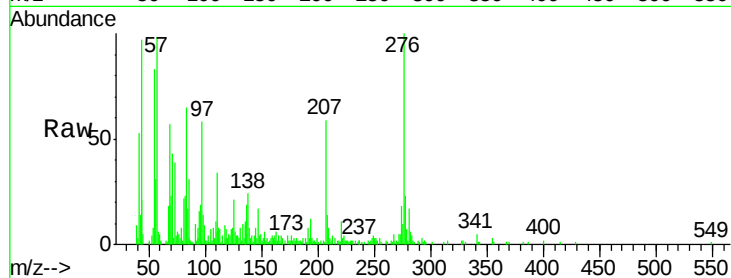
Acq: 29 May 2015 21:32

Instrument :

BNA_M

ClientSampleId :

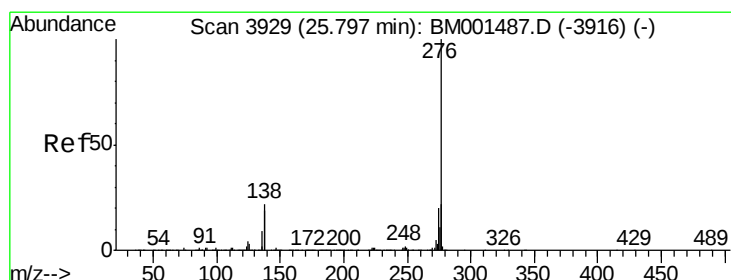
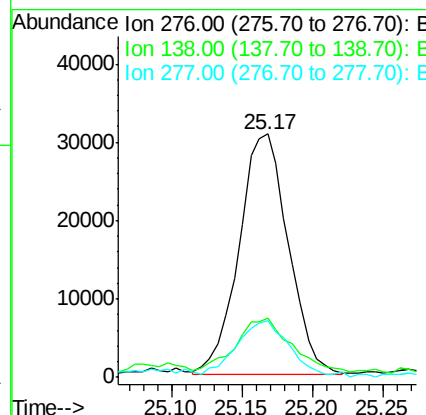
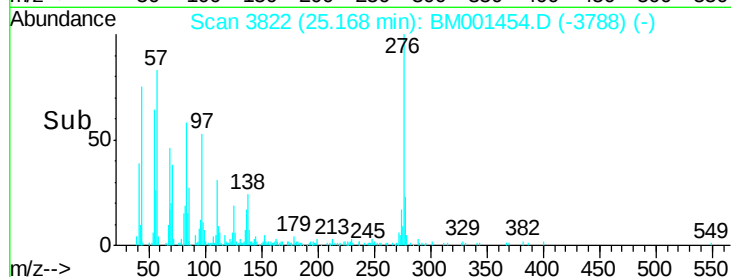
BCRB5



Tgt Ion:	276	Resp:	74795
Ion Ratio	Lower	Upper	
276	100		
138	24.2	20.6	31.0
277	23.0	19.2	28.8

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#91

Benzo(g,h,i)perylene

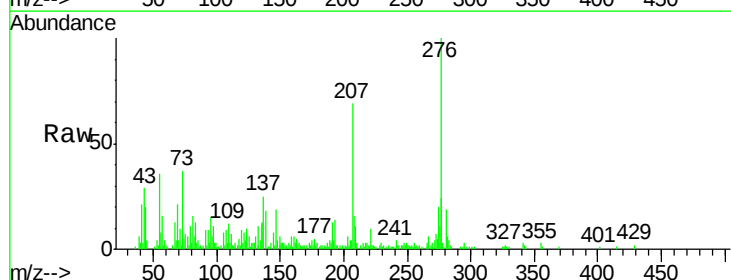
Concen: 2.40 ng/ul

RT: 25.80 min Scan# 3929

Delta R.T. 0.01 min

Lab File: BM001454.D

Acq: 29 May 2015 21:32



Tgt Ion:	276	Resp:	75025
Ion Ratio	Lower	Upper	
276	100		
138	18.1	17.9	26.9
277	24.4	19.7	29.5

