

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003132.D
 Acq On : 15 Nov 2015 14:58
 Operator : UM/IZ
 Sample : G4401-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC792

Manual Integrations
 APPROVED

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 11/16/2015 3:29:30 PM

Quant Time: Nov 16 03:11:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	119820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	532813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	301640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	636842	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	620162	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	607808	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10814	4.25	ng/uL	0.00
5) Phenol-d5	6.90	99	228595	24.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	132812	23.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	197086	24.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	196906	25.78	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	96779	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	107293	32.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	189699	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	279473	29.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	650462	28.66	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	757414	26.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	109218	28.56	ng/ul	0.00
58) Fluorene-d10	15.39	176	549541	28.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	72380	24.54	ng/ul	0.00
71) Anthracene-d10	17.23	188	826696	29.28	ng/ul	0.00
79) Pyrene-d10	19.53	212	853463	27.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	896597	31.04	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.93	94	15744	1.61	ng/ul	94
45) Dimethylphthalate	13.85	163	423189	18.30	ng/ul	99
70) Phenanthrene	17.18	178	290252	8.05	ng/ul	99
72) Anthracene	17.27	178	124415	3.53	ng/ul	99
77) Fluoranthene	19.20	202	639521	17.54	ng/ul	95
80) Pyrene	19.56	202	505112	12.45	ng/ul#	94
83) Benzo(a)anthracene	21.32	228	280057	8.22	ng/ul	93
85) Chrysene	21.37	228	217424	6.45	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	252424	7.21	ng/ul	97
89) Benzo(k)fluoranthene	22.95	252	95799m	2.93	ng/ul	
91) Benzo(a)pyrene	23.49	252	218621m	6.60	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.87	276	111797	3.07	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.87	278	30559m	1.06	ng/ul	
94) Benzo(g,h,i)perylene	26.57	276	96951	2.96	ng/ul#	93

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

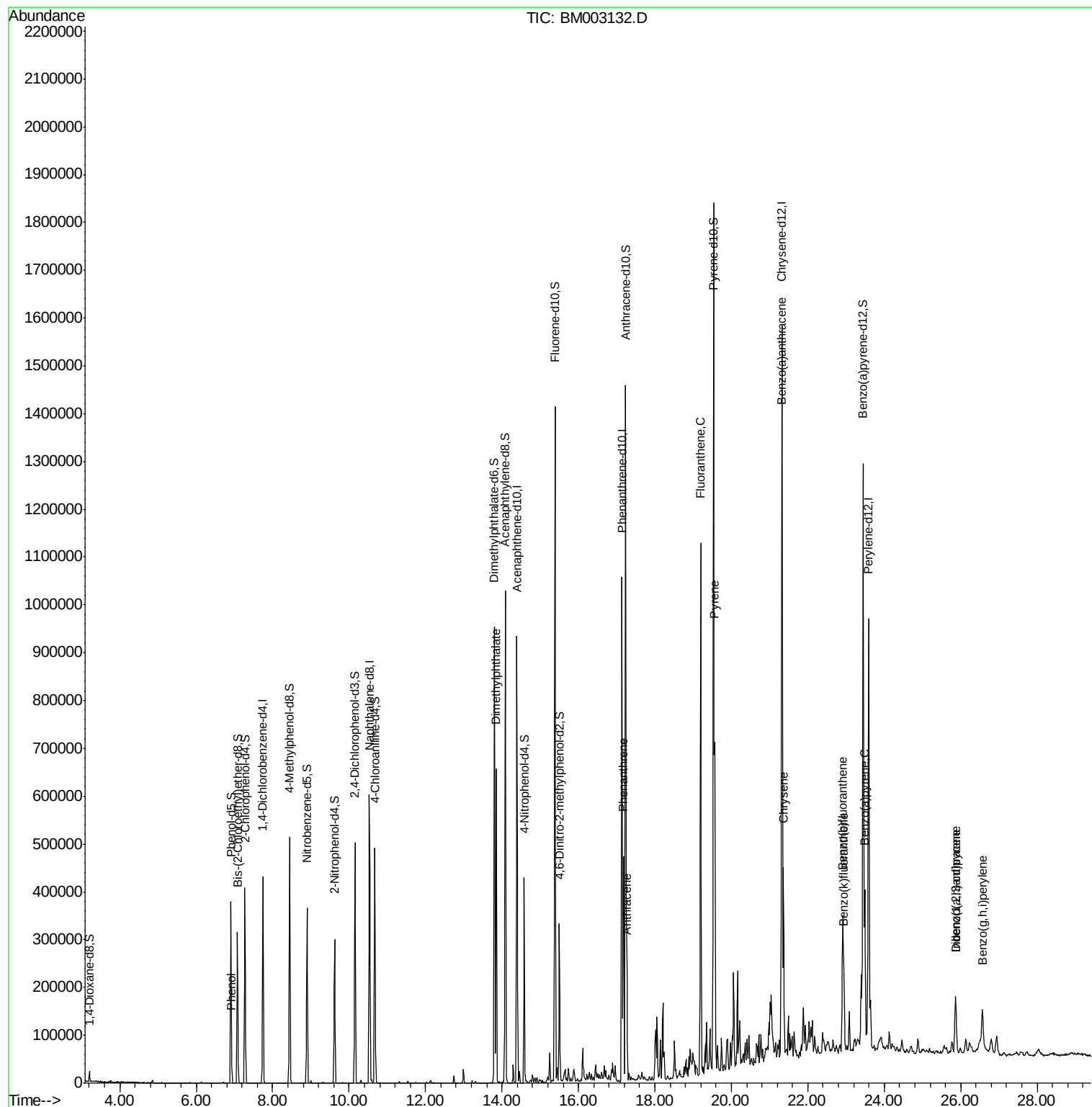
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003132.D
Acq On : 15 Nov 2015 14:58
Operator : UM/IZ
Sample : G4401-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

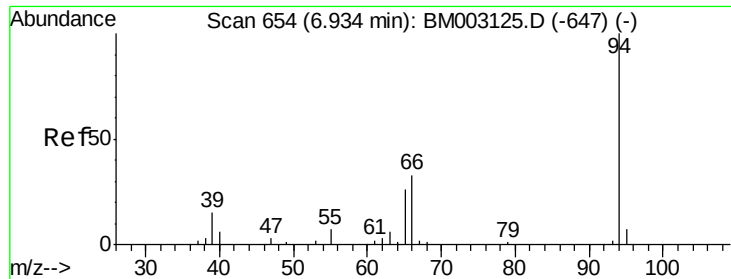
Instrument :
BNA_M
ClientSampleId :
BC792

Manual Integrations
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11/16/2015 3:29:30 PM

Quant Time: Nov 16 03:11:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.61 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003132.D

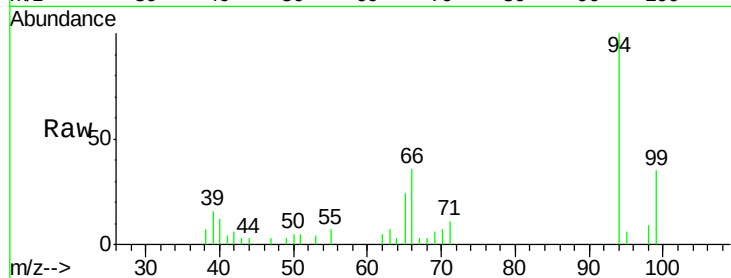
Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampleId :

BC792



Tgt Ion: 94 Resp: 15744

Ion Ratio Lower Upper

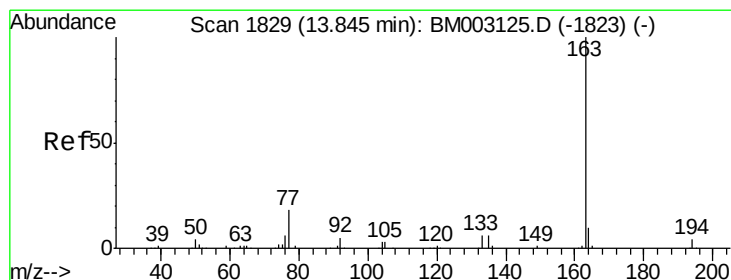
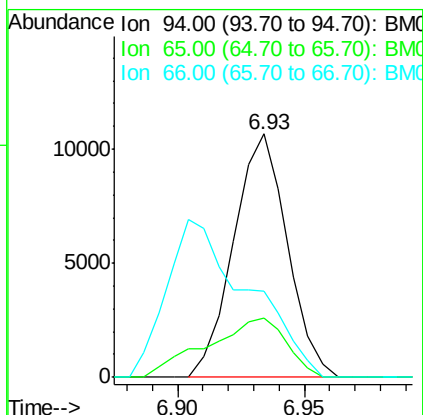
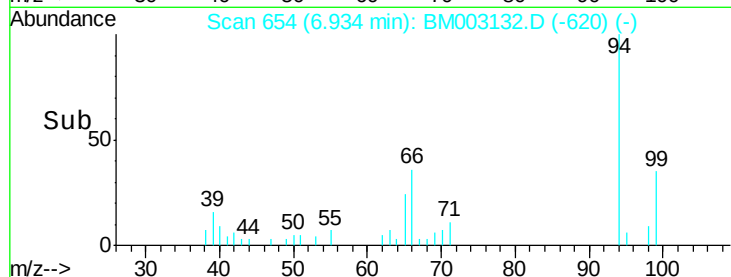
94 100

65 24.2 18.7 28.1

66 35.5 24.2 36.2

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#45

Dimethylphthalate

Concen: 18.30 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

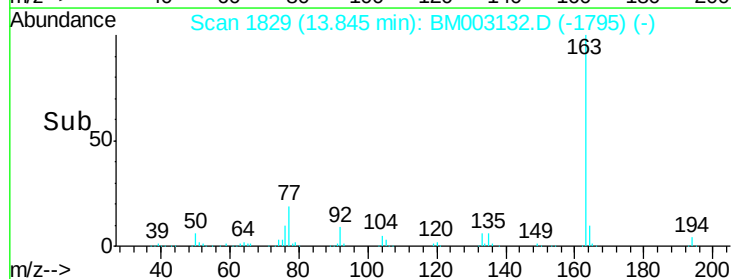
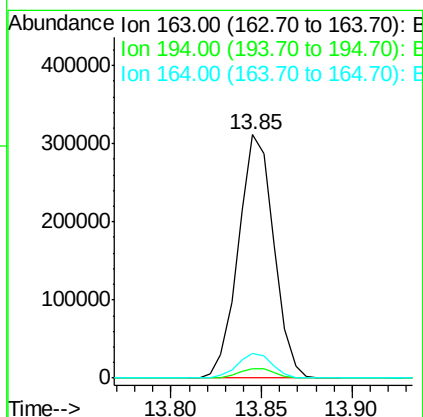
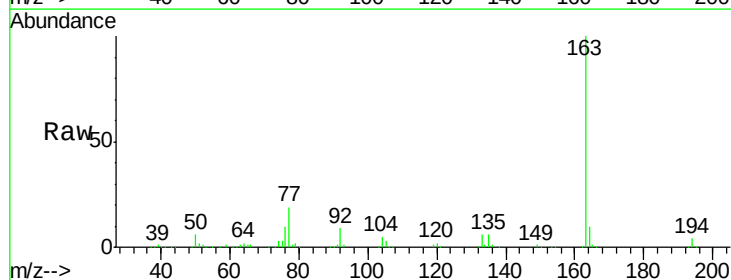
Tgt Ion: 163 Resp: 423189

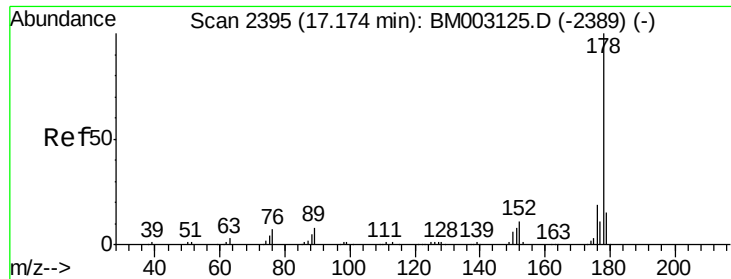
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.0 7.8 11.8





#70

Phenanthrene

Concen: 8.05 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

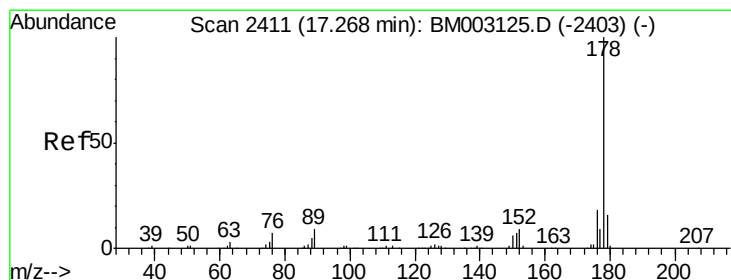
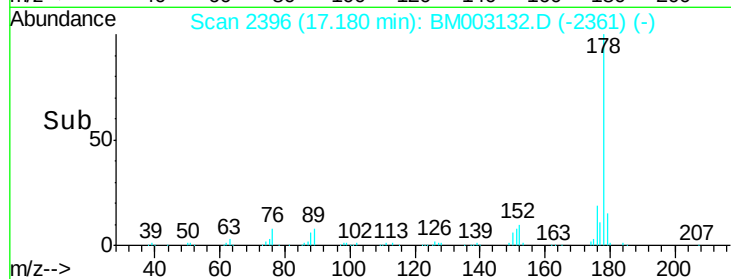
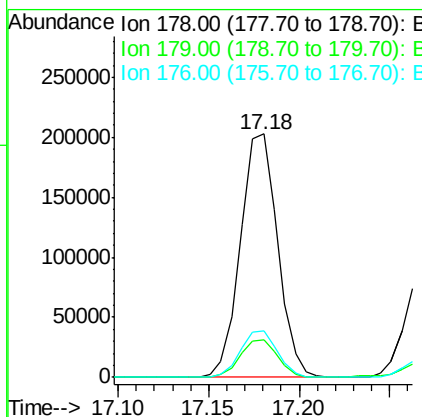
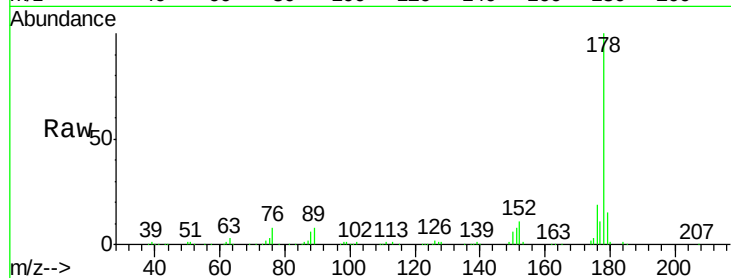
ClientSampleId :

BC792

Tgt Ion:	178	Resp:	290252
Ion Ratio		Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.1	14.7	22.1

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#72

Anthracene

Concen: 3.53 ng/ul

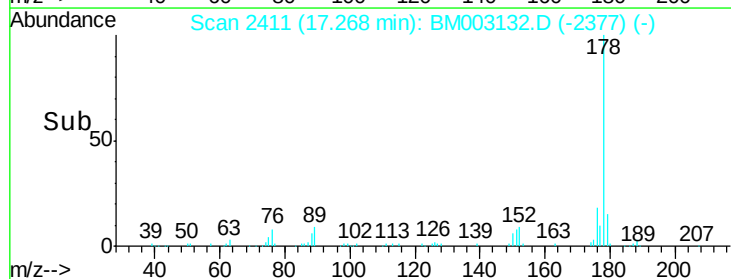
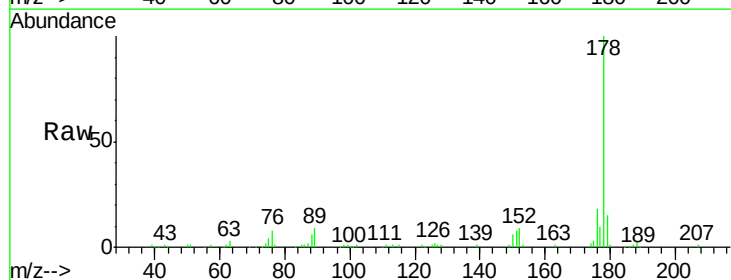
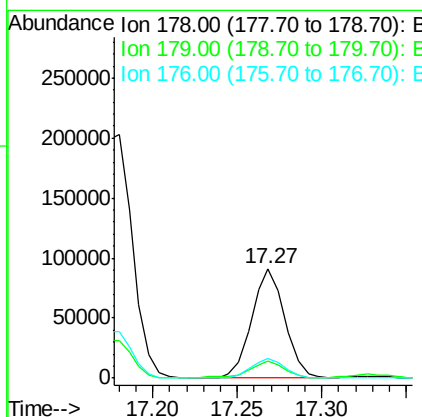
RT: 17.27 min Scan# 2411

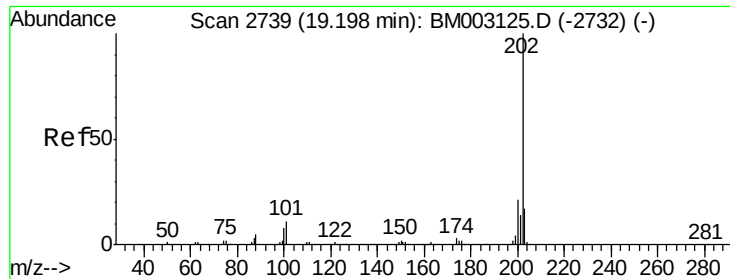
Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Tgt Ion:	178	Resp:	124415
Ion Ratio		Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.3	14.4	21.6





#77

Fluoranthene

Concen: 17.54 ng/ul

RT: 19.20 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BM003132.D

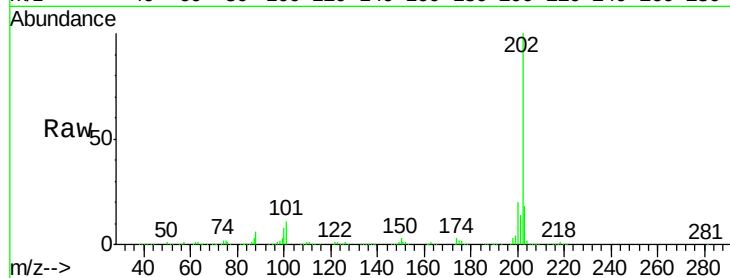
Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampleId :

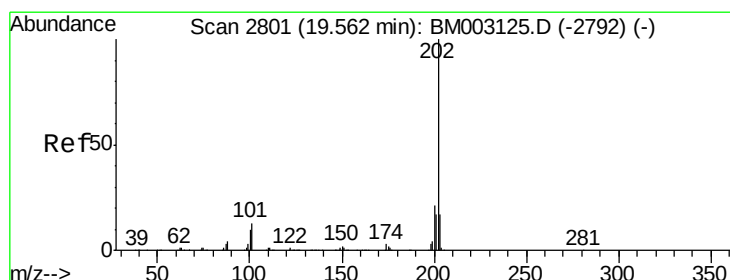
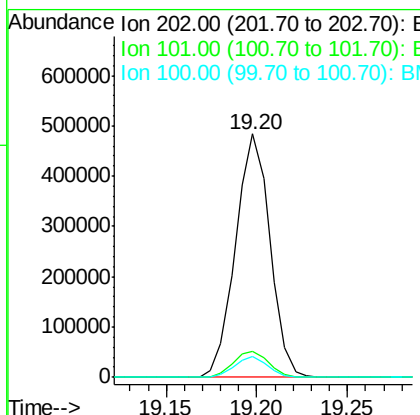
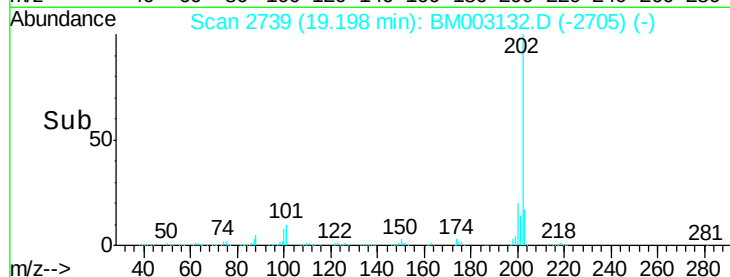
BC792



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		639521		
101	10.7	10.4	15.6		
100	8.5	7.8	11.6		

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#80

Pyrene

Concen: 12.45 ng/ul

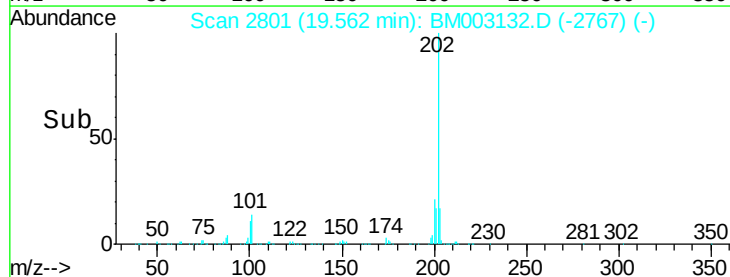
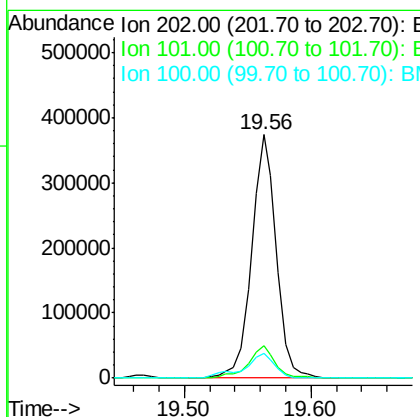
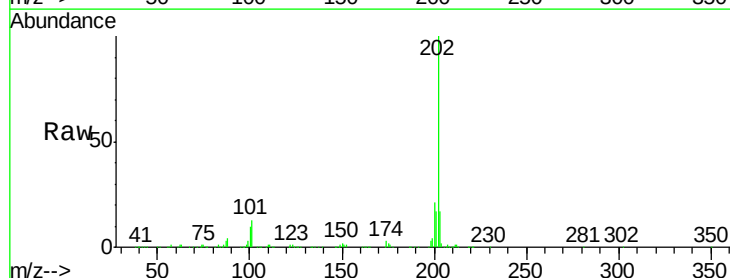
RT: 19.56 min Scan# 2801

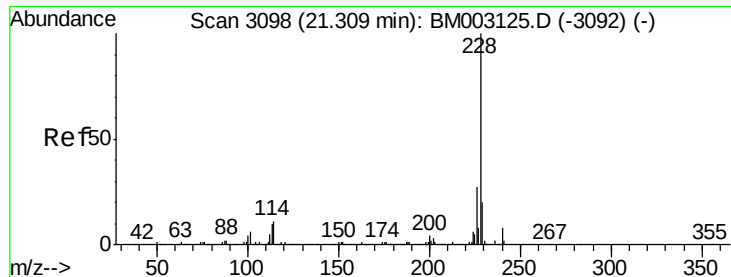
Delta R.T. 0.00 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		505112		
101	13.4	12.6	18.8		
100	10.4	10.6	15.8		





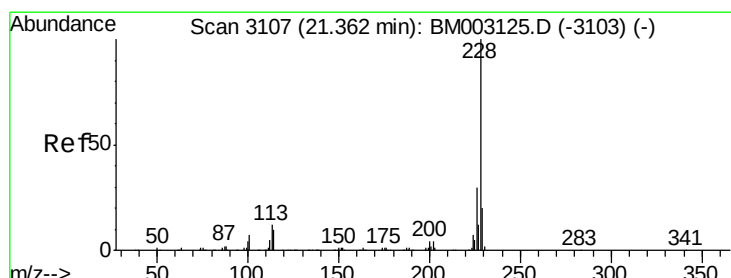
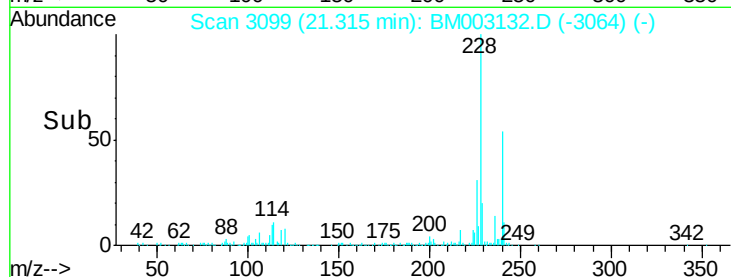
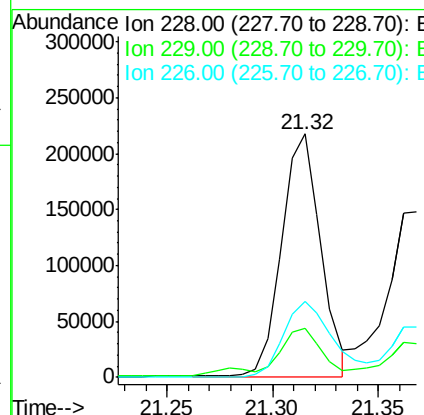
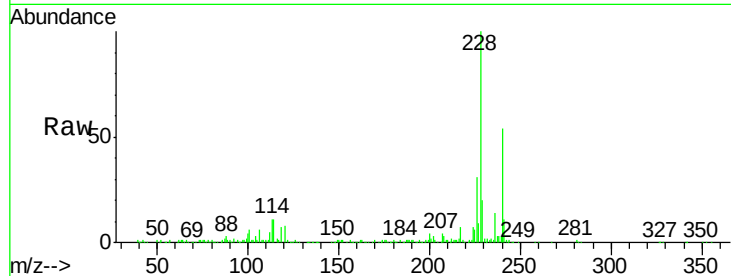
#83
Benzo(a)anthracene
Concen: 8.22 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Instrument :
BNA_M
ClientSampled :
BC792

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.6	23.4
226	31.4	21.0	31.6

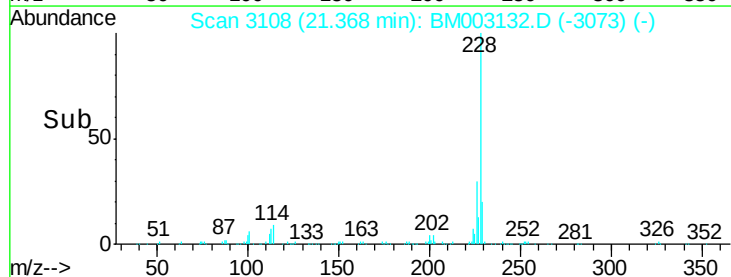
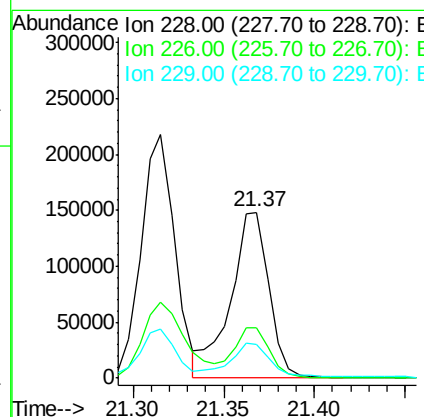
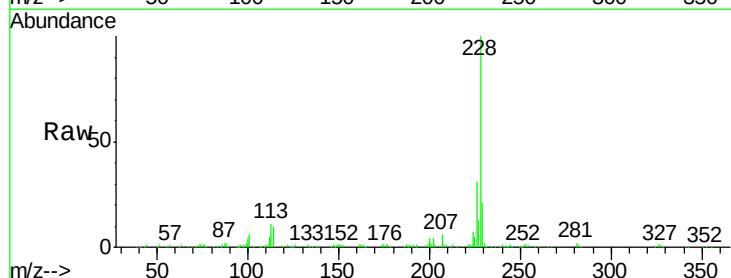
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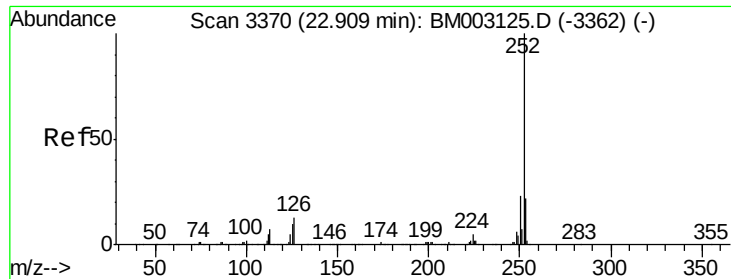
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#85
Chrysene
Concen: 6.45 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	23.3	34.9
229	20.6	15.8	23.6





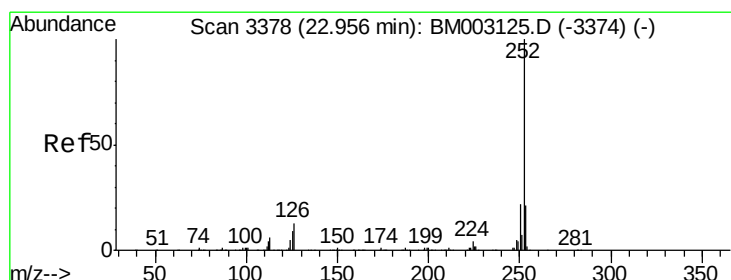
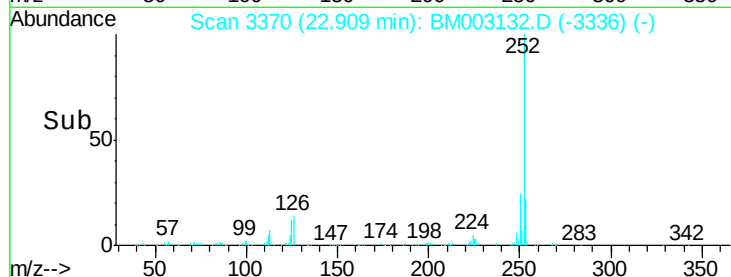
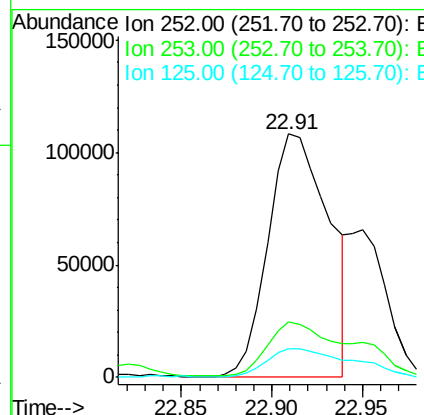
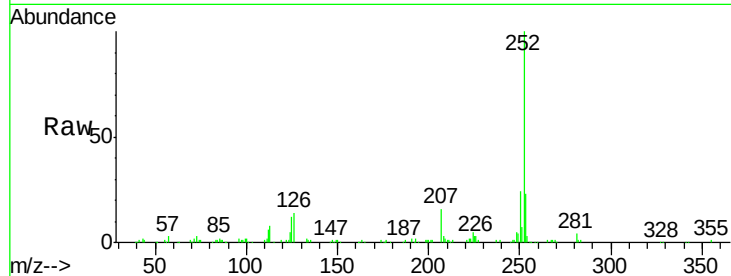
#88
Benzo(b)fluoranthene
Concen: 7.21 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Instrument :
BNA_M
ClientSampled :
BC792

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	252424		
253	22.5	17.4	26.2	
125	11.7	10.7	16.1	

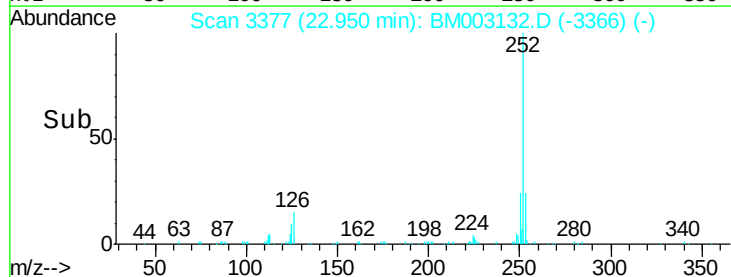
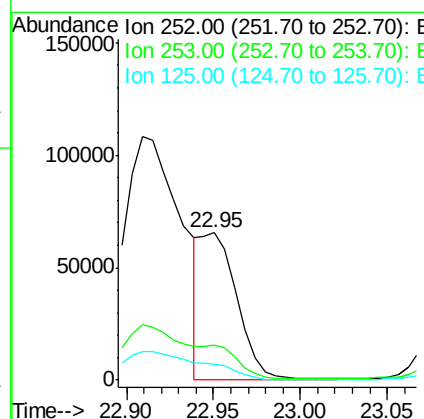
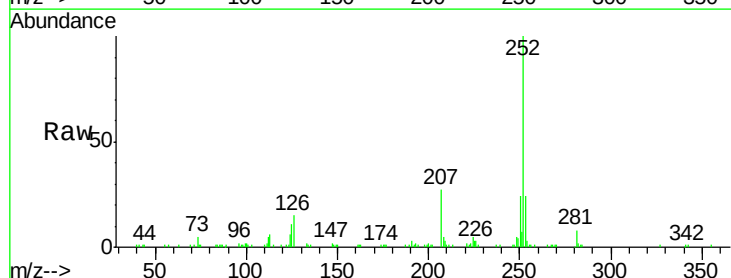
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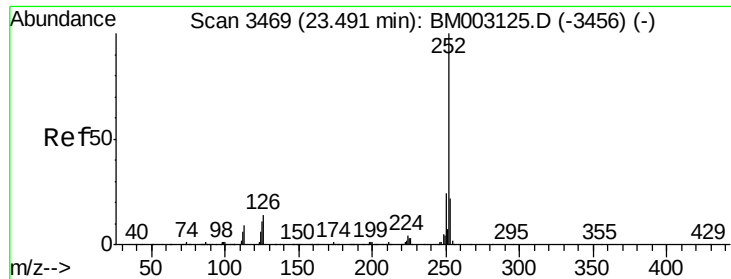
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#89
Benzo(k)fluoranthene
Concen: 2.93 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	95799		
253	24.2	17.4	26.0	
125	11.0	11.1	16.7#	





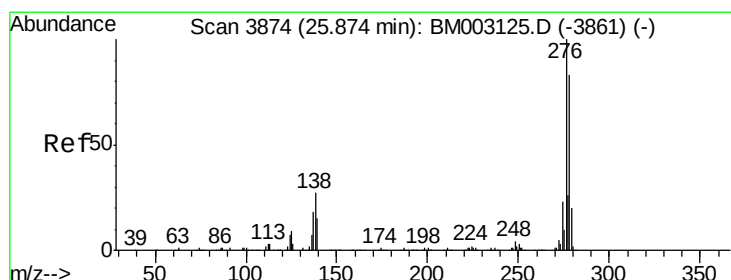
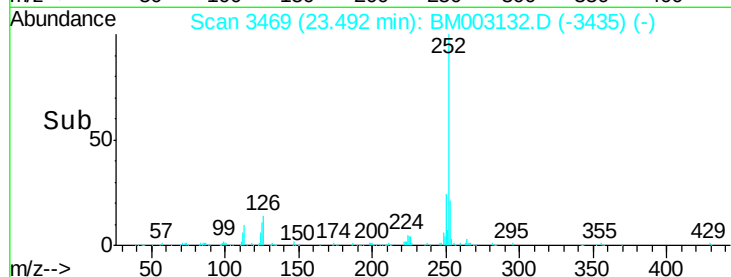
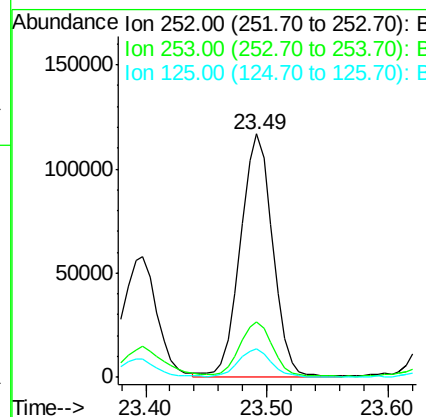
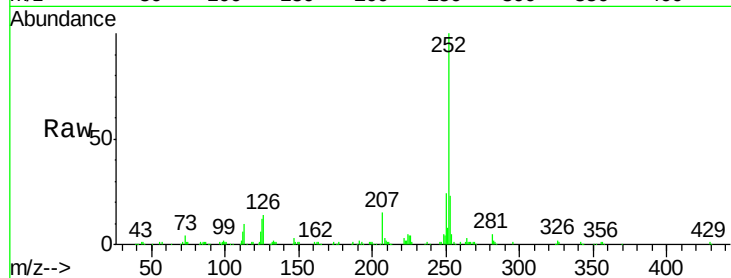
#91
Benzo(a)pyrene
Concen: 6.60 ng/ul m
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Instrument :
BNA_M
ClientSampleId :
BC792

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.7	11.9	17.9#

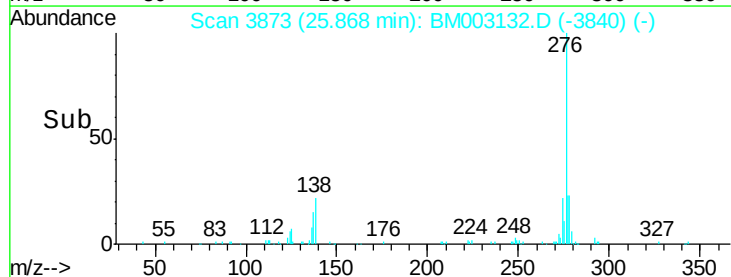
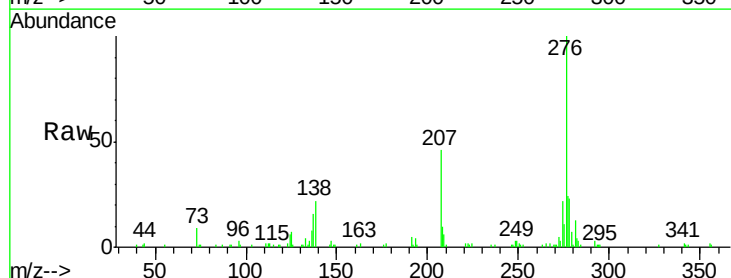
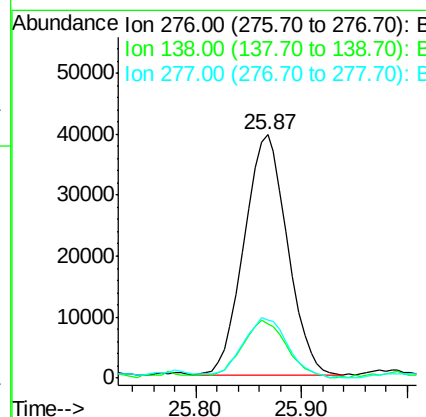
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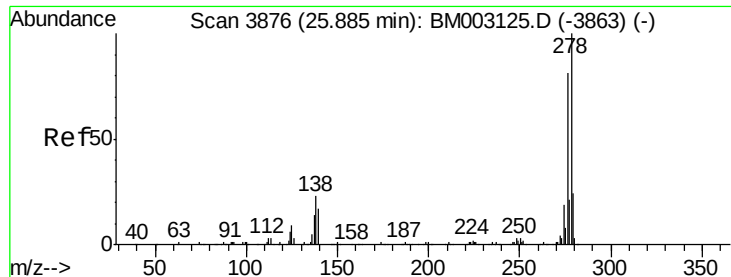
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11/16/2015 3:29:30 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.07 ng/ul
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM003132.D
Acq: 15 Nov 2015 14:58

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	22.2	26.6	40.0#
277	24.1	20.2	30.4





#93

Dibenzo(a,h)anthracene

Concen: 1.06 ng/ul m

RT: 25.87 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM003132.D

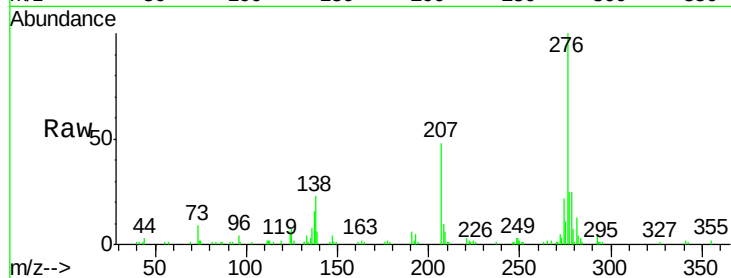
Acq: 15 Nov 2015 14:58

Instrument :

BNA_M

ClientSampleId :

BC792



Tgt Ion:278 Resp: 30559

Ion Ratio Lower Upper

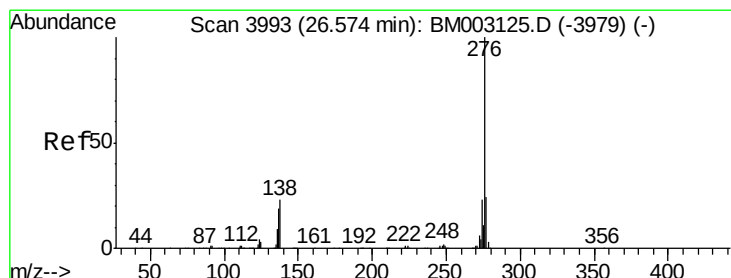
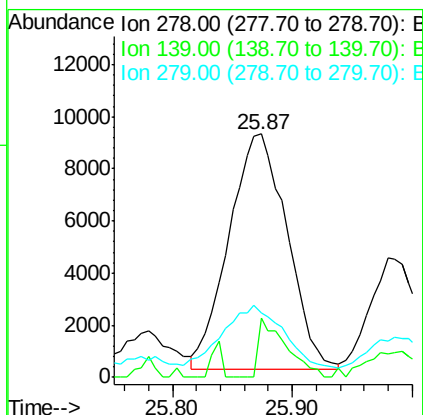
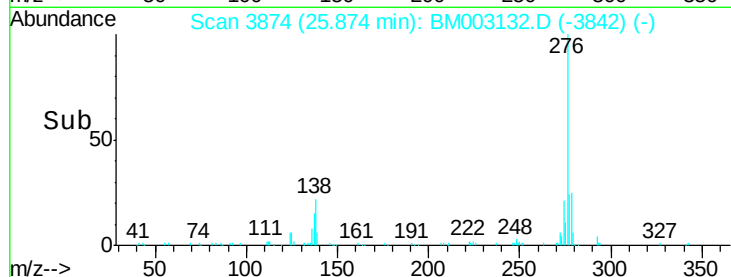
278 100

139 24.6 18.8 28.2

279 26.2 19.3 28.9

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 2.96 ng/ul

RT: 26.57 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BM003132.D

Acq: 15 Nov 2015 14:58

Tgt Ion:276 Resp: 96951

Ion Ratio Lower Upper

276 100

138 23.3 23.8 35.6#

277 24.4 19.4 29.2

