

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003126.D
 Acq On : 15 Nov 2015 11:23
 Operator : UM/IZ
 Sample : G4401-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC784

Manual Integrations
 APPROVED

mmdadoda
 11/16/2015 3:29:12 PM

Quant Time: Nov 16 13:25:43 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	110416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	503101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	287942	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	619236	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	632208	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	616899	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10494	4.48	ng/uL	0.00
5) Phenol-d5	6.90	99	219524	25.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	126012	24.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	186545	25.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	187371	26.62	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	87590	28.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	96478	31.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	179109	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	263257	29.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	625930	28.90	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	686146	25.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	99272	27.19	ng/ul	0.00
58) Fluorene-d10	15.39	176	507197	27.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	76001	26.50	ng/ul	0.00
71) Anthracene-d10	17.23	188	776604	28.29	ng/ul	0.00
79) Pyrene-d10	19.53	212	819800	26.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	862178	29.41	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.93	94	12441	1.38	ng/ul#	91
45) Dimethylphthalate	13.85	163	503379	22.80	ng/ul	99
70) Phenanthrene	17.17	178	48627	1.39	ng/ul	98
77) Fluoranthene	19.20	202	157372m	4.44	ng/ul	
80) Pyrene	19.56	202	140222	3.39	ng/ul#	91
83) Benzo(a)anthracene	21.32	228	90847	2.62	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.24	149	30900	1.62	ng/ul	99
85) Chrysene	21.36	228	78287	2.28	ng/ul	94
88) Benzo(b)fluoranthene	22.91	252	82172m	2.31	ng/ul	
89) Benzo(k)fluoranthene	22.95	252	40831m	1.23	ng/ul	
91) Benzo(a)pyrene	23.49	252	73795	2.19	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.87	276	37466	1.01	ng/ul#	87

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

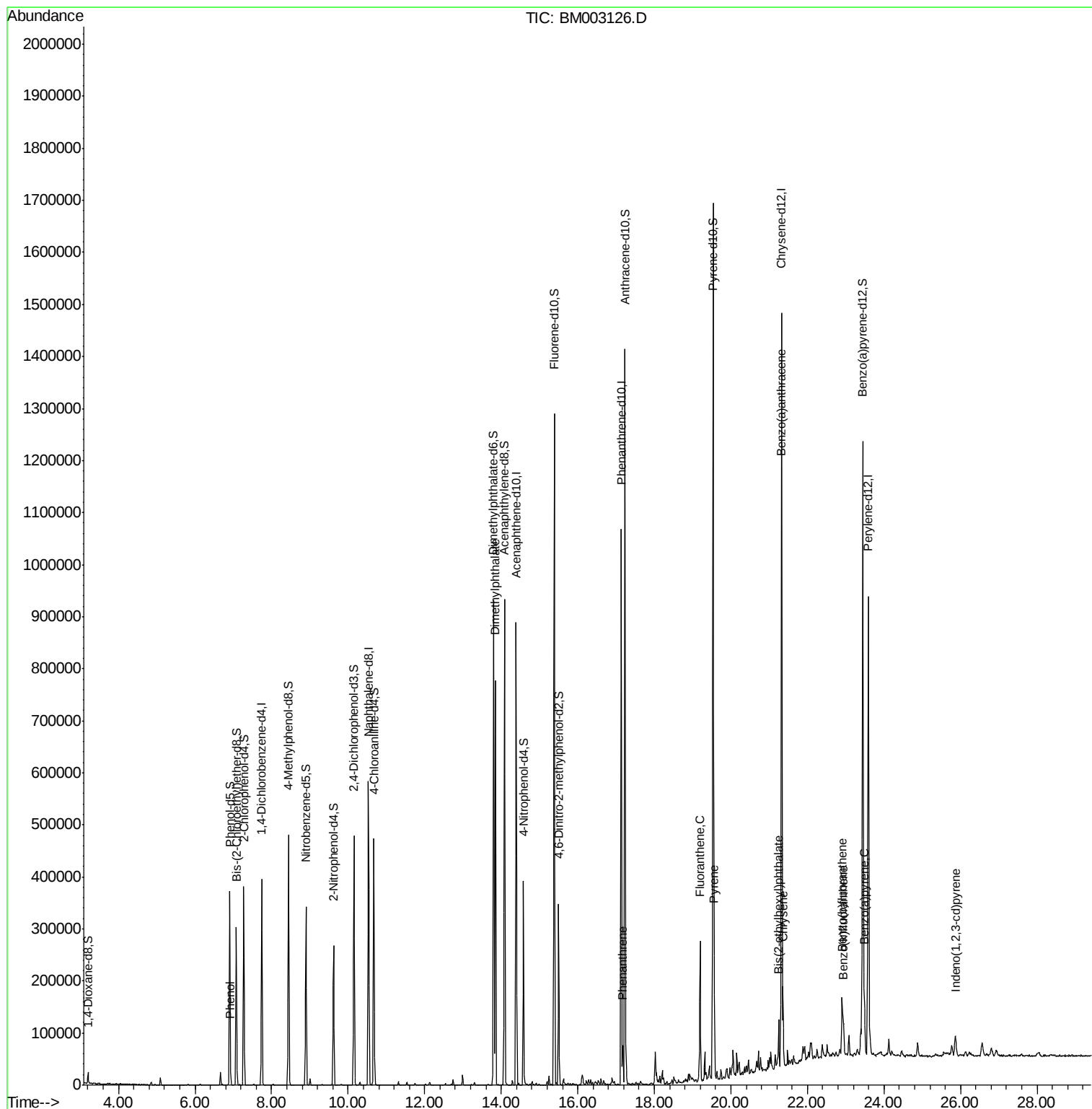
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003126.D
Acq On : 15 Nov 2015 11:23
Operator : UM/IZ
Sample : G4401-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

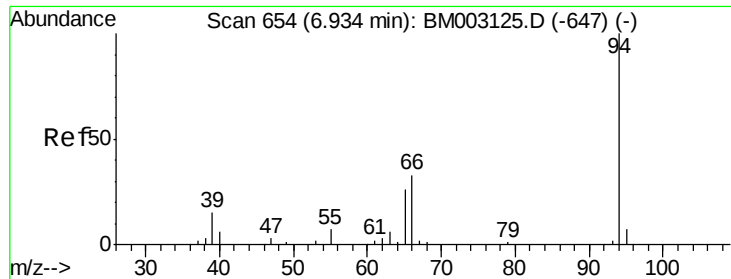
Instrument :
BNA_M
ClientSampleId :
BC784

Manual Integrations
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Quant Time: Nov 16 13:25:43 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: 1.38 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003126.D

Acq: 15 Nov 2015 11:23

Instrument :

BNA_M

ClientSampleId :

BC784

Tgt Ion: 94 Resp: 12441

Ion Ratio Lower Upper

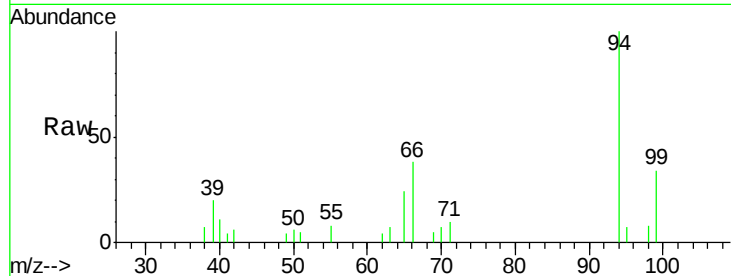
94 100

65 24.1 18.7 28.1

66 37.9 24.2 36.2#

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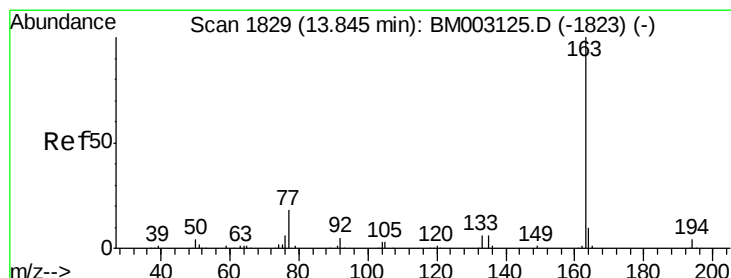
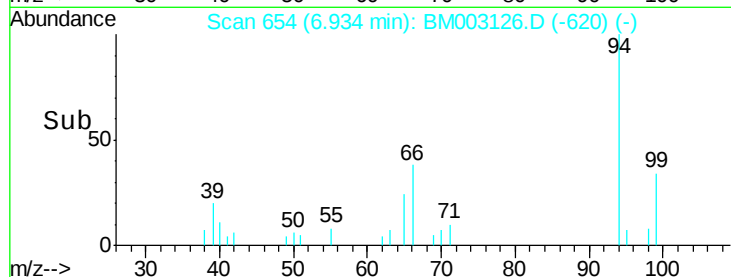
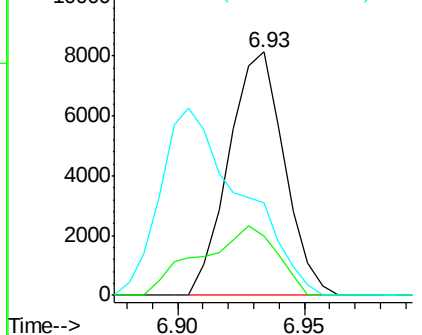
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Abundance Ion 94.00 (93.70 to 94.70): BM003125.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM003125.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM003125.D (-647) (-)



#45

Dimethylphthalate

Concen: 22.80 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003126.D

Acq: 15 Nov 2015 11:23

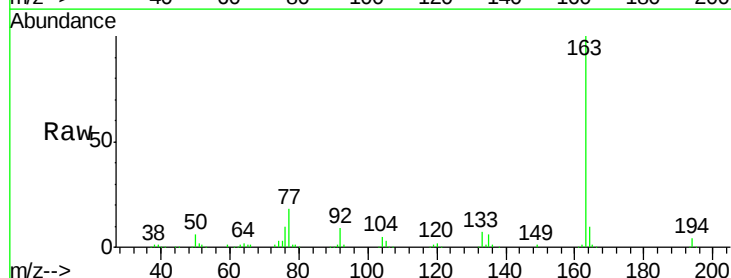
Tgt Ion: 163 Resp: 503379

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

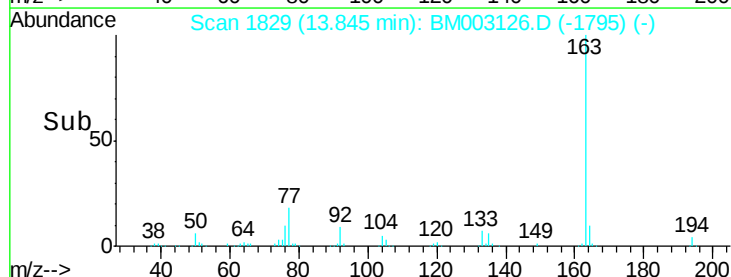
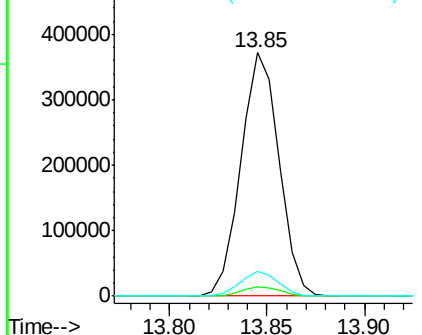
164 10.0 7.8 11.8

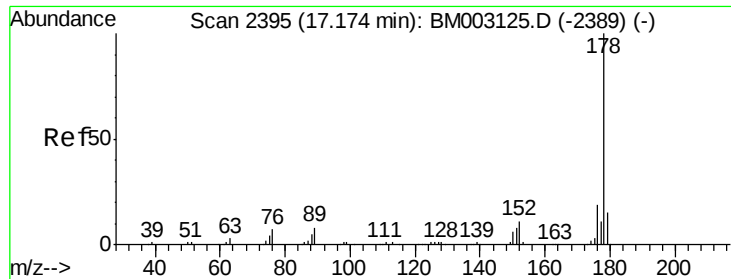


Abundance Ion 163.00 (162.70 to 163.70): BM003125.D (-1823) (-)

Ion 194.00 (193.70 to 194.70): BM003125.D (-1823) (-)

Ion 164.00 (163.70 to 164.70): BM003125.D (-1823) (-)





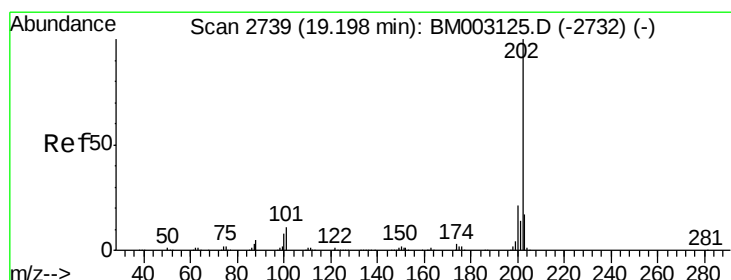
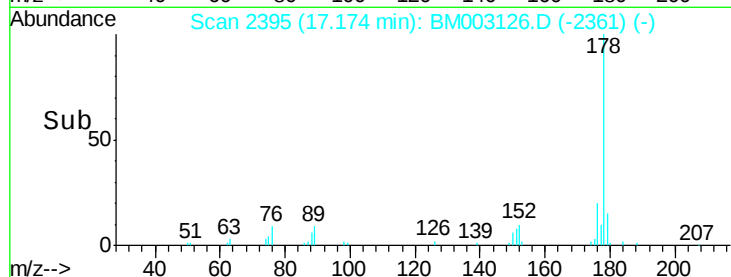
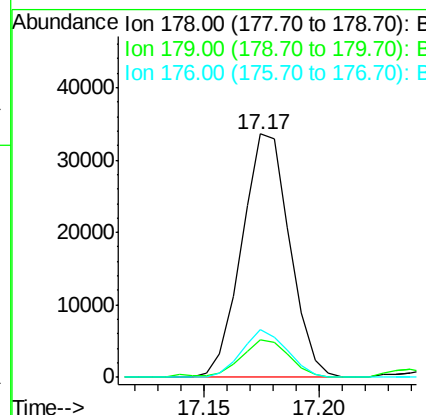
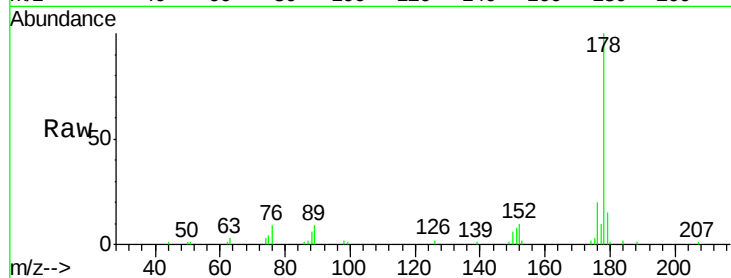
#70
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.17 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Instrument :
BNA_M
ClientSampleId :
BC784

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.6	14.7	22.1

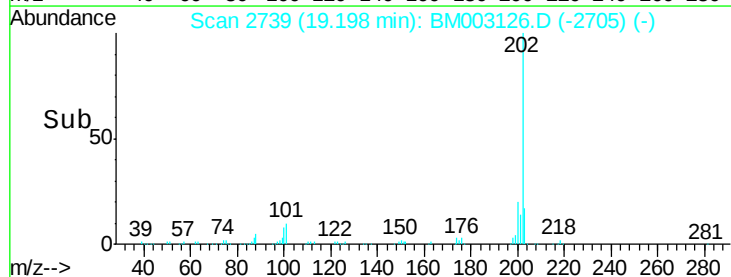
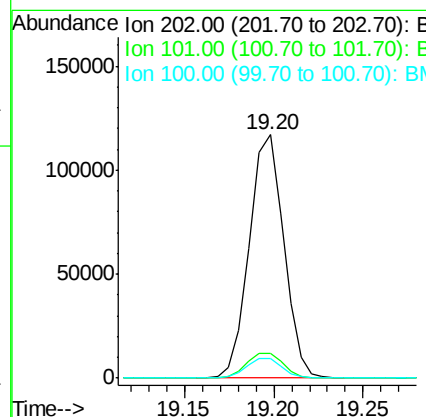
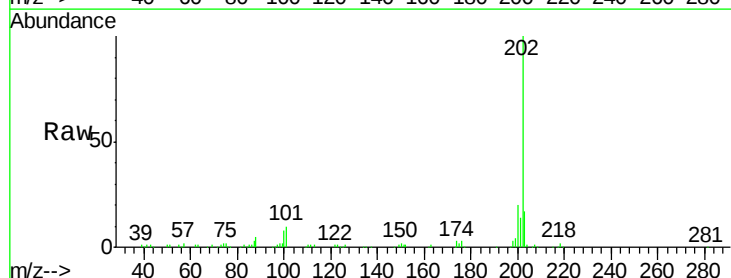
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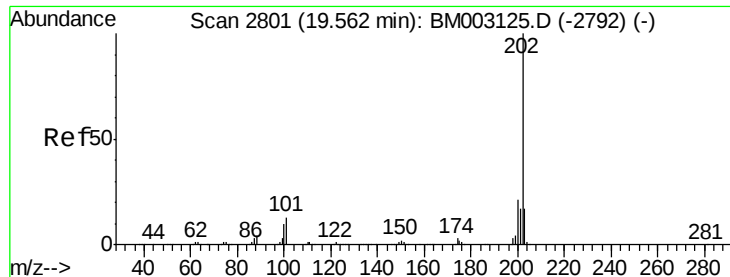
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#77
Fluoranthene
Concen: 4.44 ng/ul m
RT: 19.20 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	10.4	15.6#
100	8.1	7.8	11.6





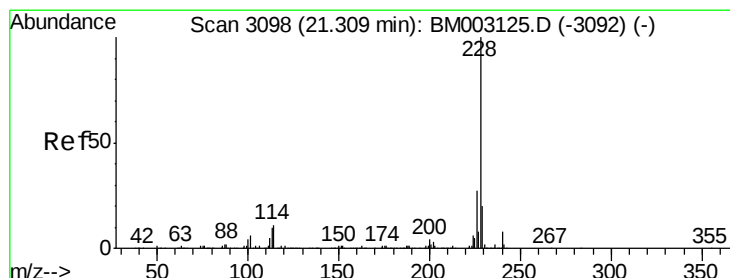
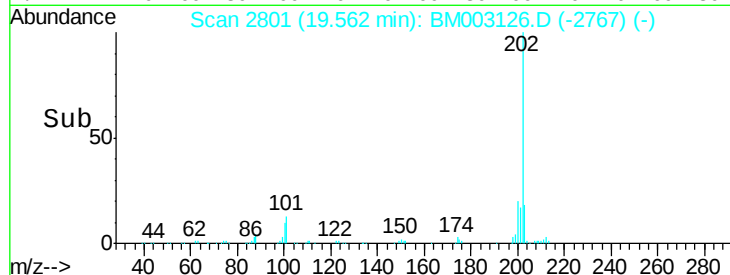
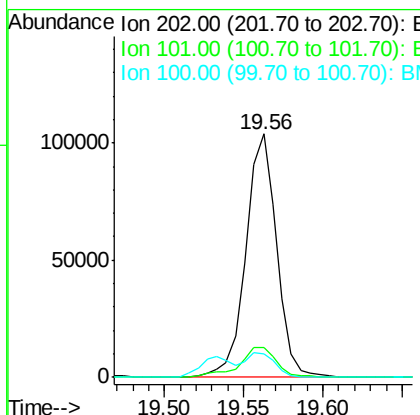
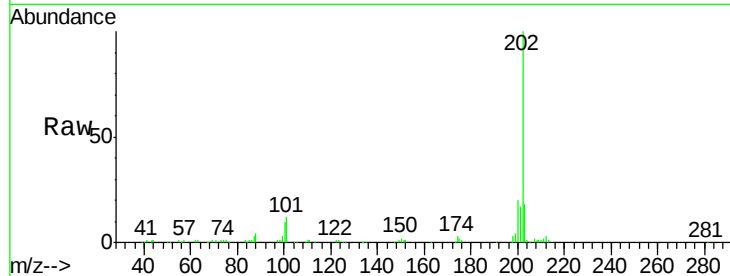
#80
Pyrene
Concen: 3.39 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Instrument :
BNA_M
ClientSampleId :
BC784

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	12.6	18.8#
100	9.6	10.6	15.8#

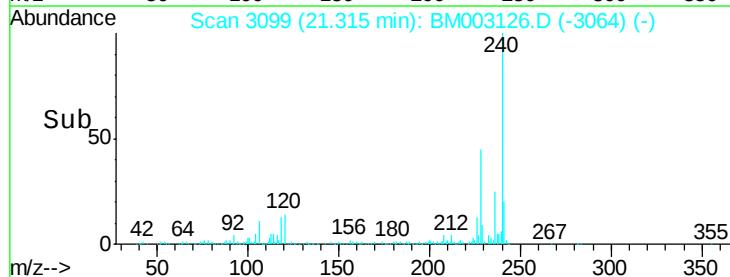
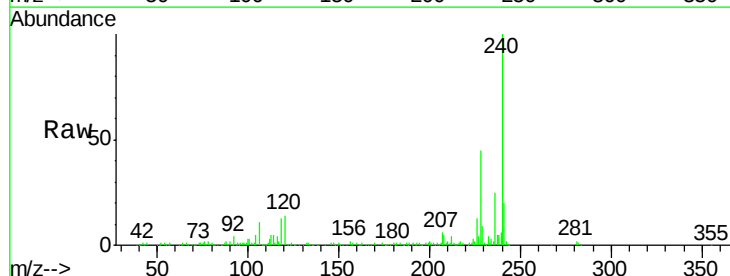
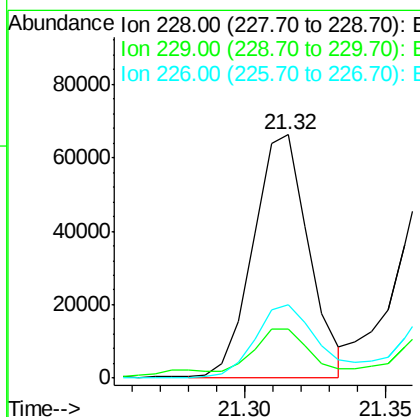
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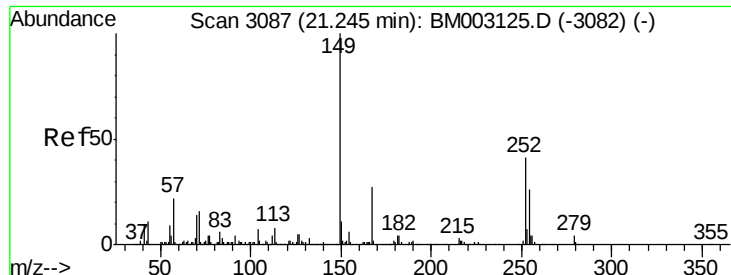
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#83
Benzo(a)anthracene
Concen: 2.62 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	15.6	23.4
226	30.2	21.0	31.6





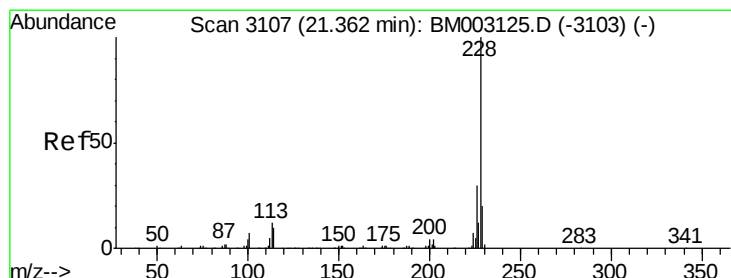
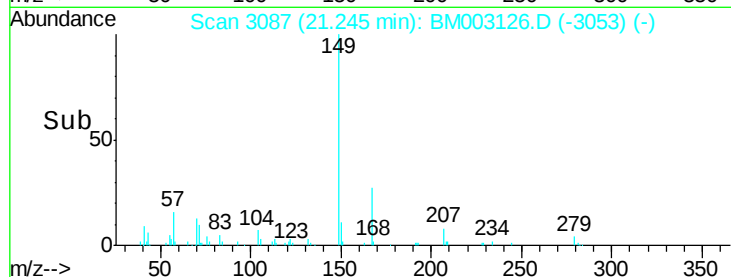
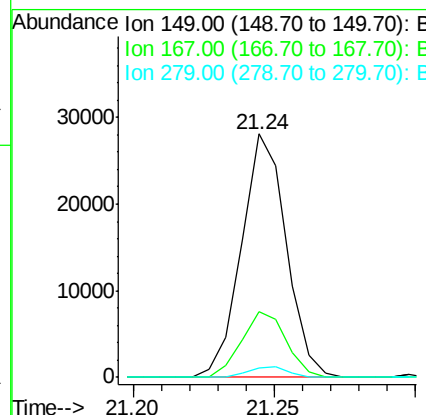
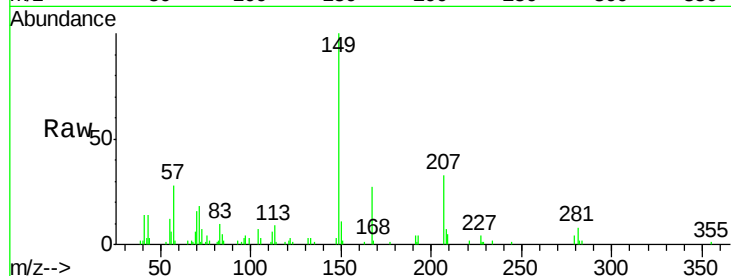
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.62 ng/ul
 RT: 21.24 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

Instrument :
 BNA_M
 ClientSampleId :
 BC784

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	30900		
167	26.9	22.0	33.0	
279	3.9	3.2	4.8	

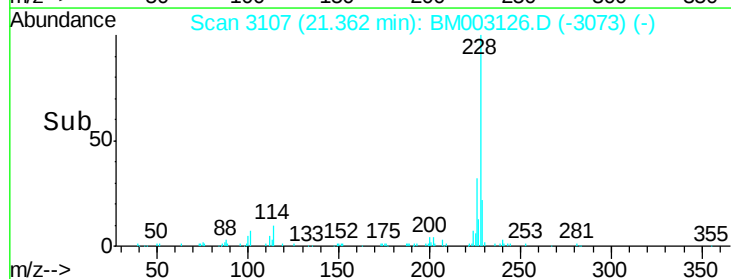
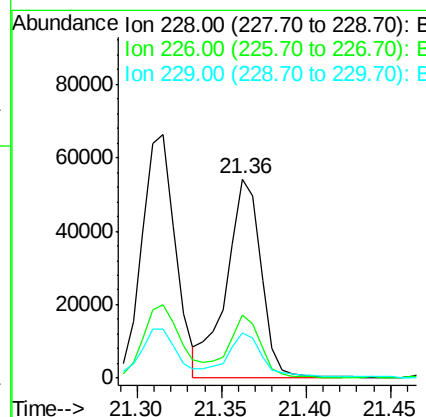
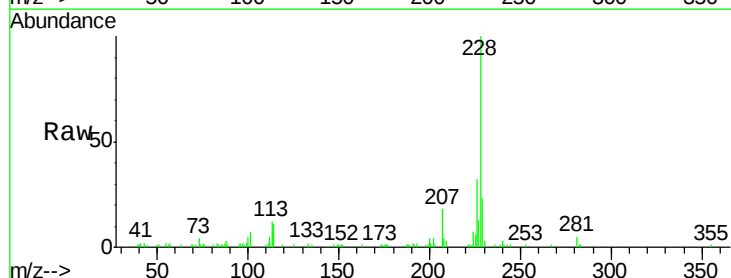
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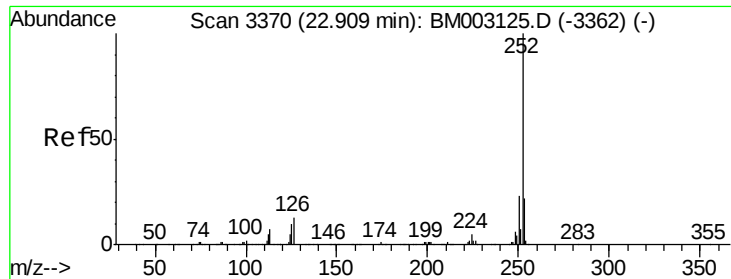
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#85
 Chrysene
 Concen: 2.28 ng/ul
 RT: 21.36 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	78287		
226	31.8	23.3	34.9	
229	22.8	15.8	23.6	





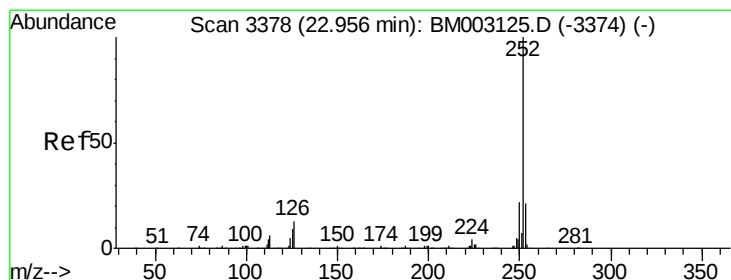
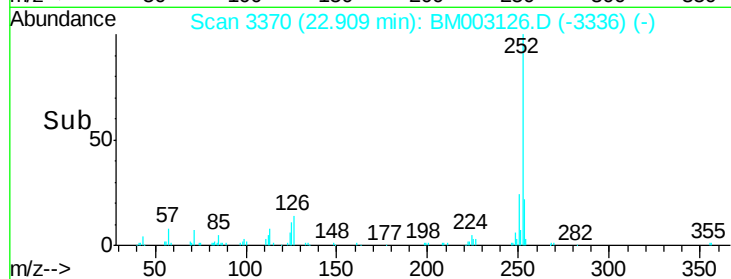
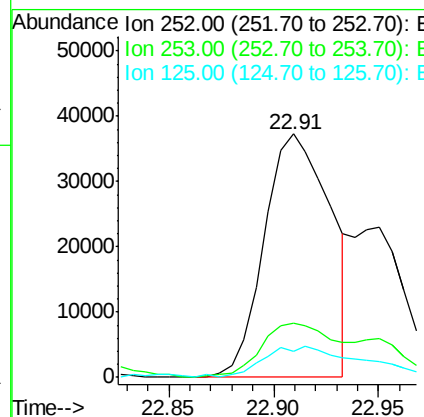
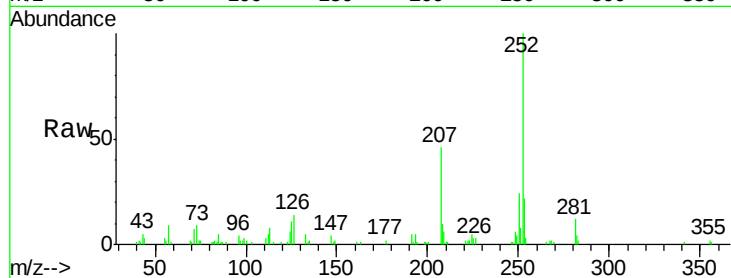
#88
Benzo(b)fluoranthene
Concen: 2.31 ng/ul m
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Instrument :
BNA_M
ClientSampleId :
BC784

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.4	26.2
125	10.9	10.7	16.1

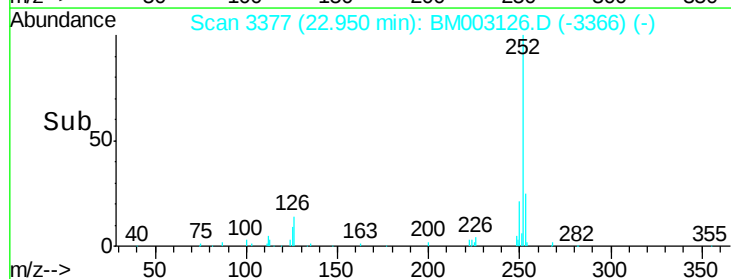
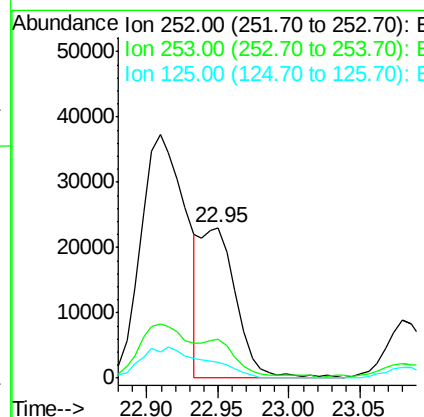
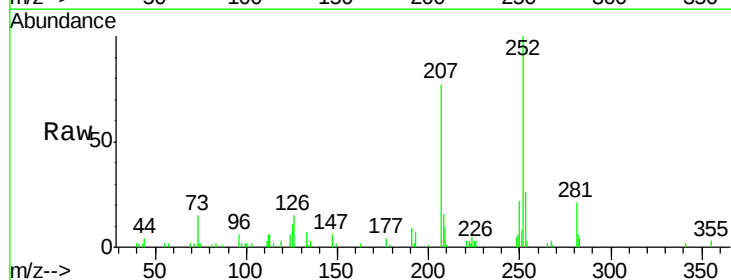
Manual Integrations
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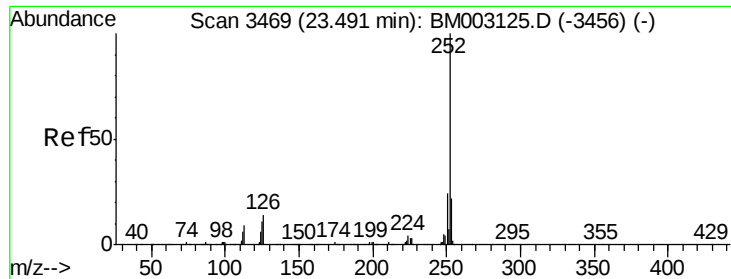
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#89
Benzo(k)fluoranthene
Concen: 1.23 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.0	17.4	26.0#
125	10.6	11.1	16.7#





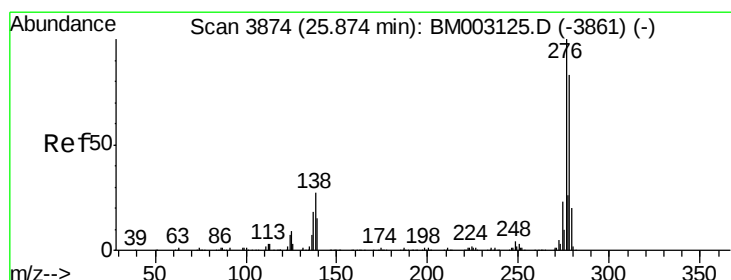
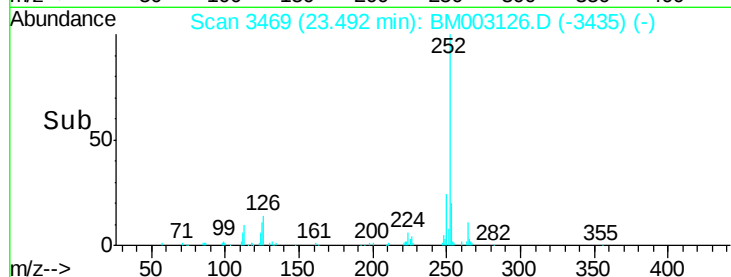
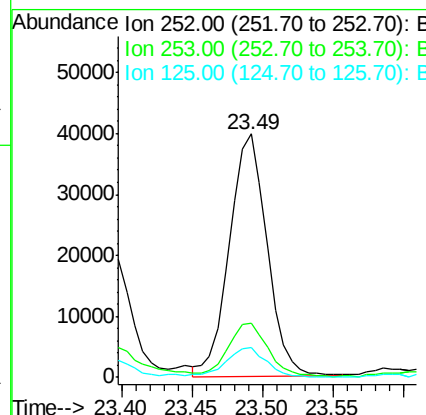
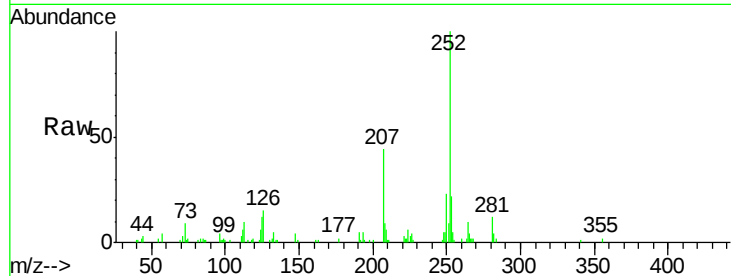
#91
Benzo(a)pyrene
Concen: 2.19 ng/ul
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Instrument :
BNA_M
ClientSampleId :
BC784

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.0	11.9	17.9

Manual Integrations
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng/ul
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	26.6	40.0#
277	25.4	20.2	30.4

