

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
 Data File : BM003095.D
 Acq On : 11 Nov 2015 21:12
 Operator : UM/IZ
 Sample : G4322-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HS0

Manual Integrations
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 11/13/2015 6:31:19 PM

Quant Time: Nov 13 12:11:02 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	119817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	549648	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	316974	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	650509	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	606239	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	595671	20.00	ng/ul	0.00

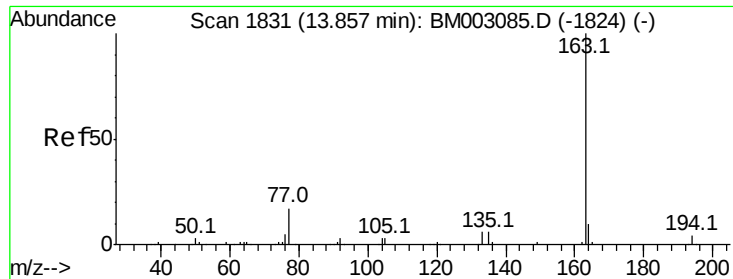
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	5776	2.27	ng/uL	0.00
5) Phenol-d5	6.91	99	121705	12.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	73832	13.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	107385	13.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	108178	14.17	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	52548	15.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	55204	16.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	103109	13.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	144622	14.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	352939	14.80	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	391141	12.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	41626	10.36	ng/ul	0.00
58) Fluorene-d10	15.39	176	276599	13.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	33329	11.06	ng/ul	0.00
71) Anthracene-d10	17.24	188	364057	12.62	ng/ul	0.00
79) Pyrene-d10	19.54	212	333048	11.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	284827	10.06	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	13.85	163	184865	7.61	ng/ul	100
70) Phenanthrene	17.19	178	242160	6.57	ng/ul	99
72) Anthracene	17.27	178	58374	1.62	ng/ul	100
77) Fluoranthene	19.20	202	278272	7.47	ng/ul	95
80) Pyrene	19.57	202	249824	6.30	ng/ul#	92
83) Benzo(a)anthracene	21.32	228	117710	3.54	ng/ul	98
85) Chrysene	21.37	228	102278	3.10	ng/ul	96
88) Benzo(b)fluoranthene	22.92	252	114284	3.33	ng/ul	95
89) Benzo(k)fluoranthene	22.96	252	42097m	1.31	ng/ul	
91) Benzo(a)pyrene	23.50	252	85872	2.64	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.88	276	50794	1.42	ng/ul#	87
94) Benzo(g,h,i)perylene	26.58	276	39155	1.22	ng/ul	95

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



#45

Dimethylphthalate

Concen: 7.61 ng/ul

RT: 13.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM003095.D

Acq: 11 Nov 2015 21:12

Instrument :

BNA_M

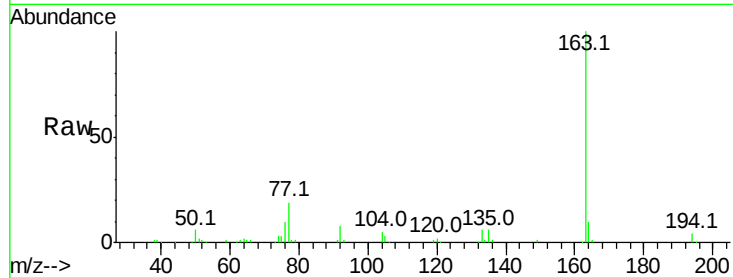
ClientSampleId :

A4HS0

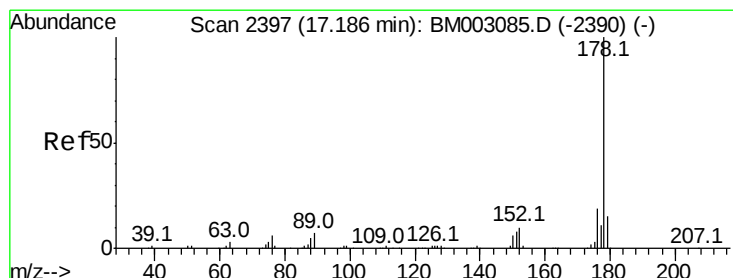
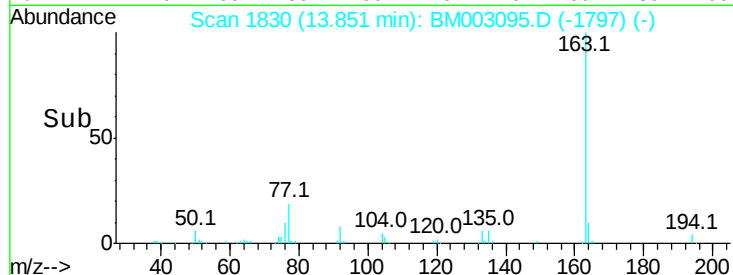
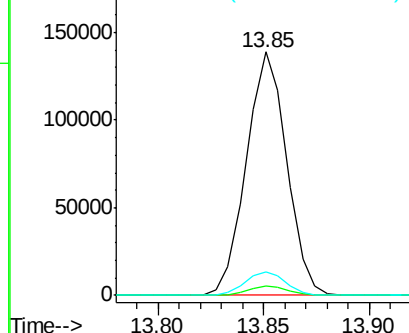
Tot Ion:	163	Resp:	184865
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.8	7.8	11.8

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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



#70

Phenanthrene

Concen: 6.57 ng/ul

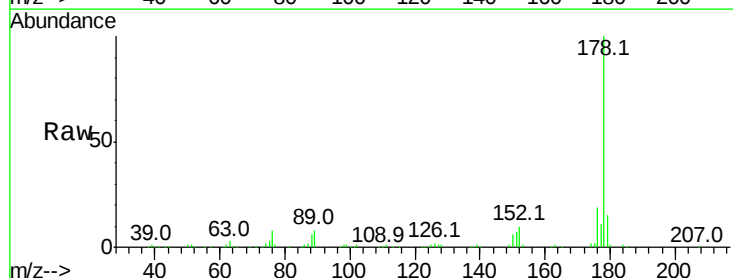
RT: 17.19 min Scan# 2397

Delta R.T. -0.00 min

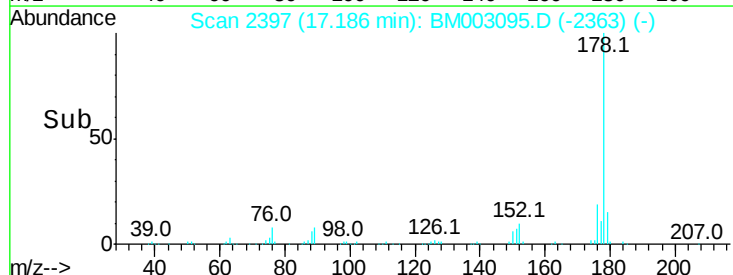
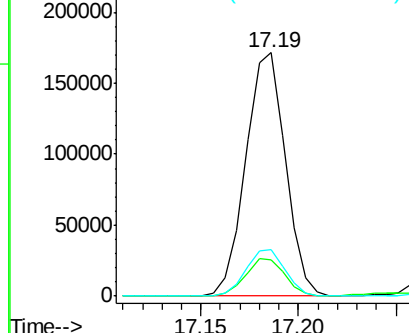
Lab File: BM003095.D

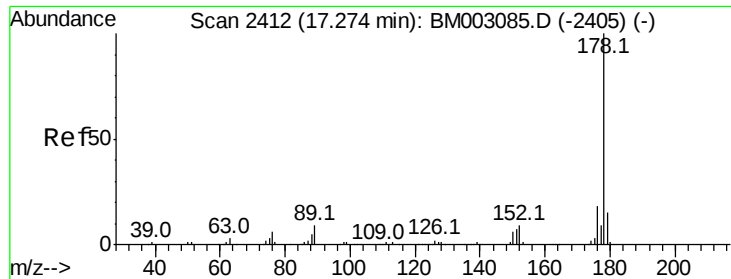
Acq: 11 Nov 2015 21:12

Tgt Ion:	178	Resp:	242160
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.4
176	19.1	14.7	22.1



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





#72

Anthracene

Concen: 1.62 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM003095.D

Acq: 11 Nov 2015 21:12

Instrument :

BNA_M

ClientSampleId :

A4HS0

Tot Ion:178 Resp: 58374

Ion Ratio Lower Upper

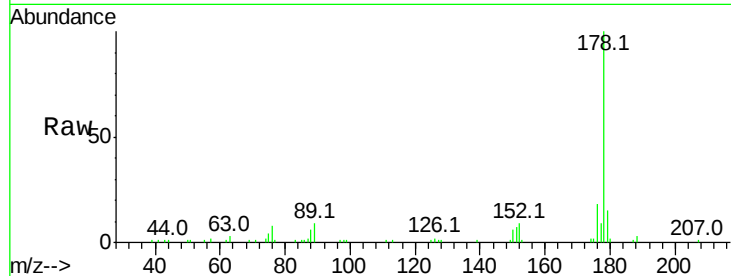
178 100

179 15.4 12.3 18.5

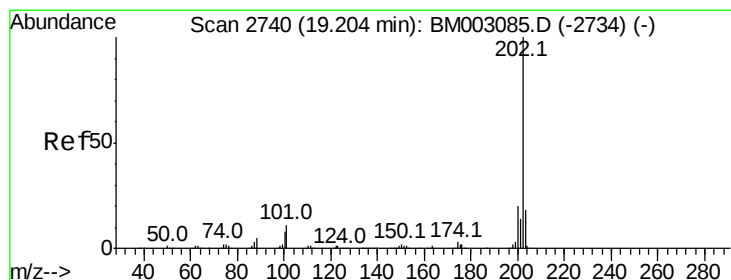
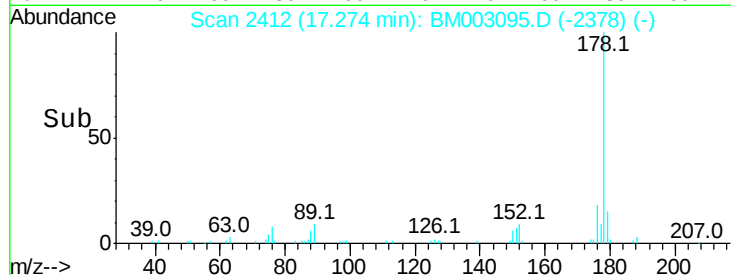
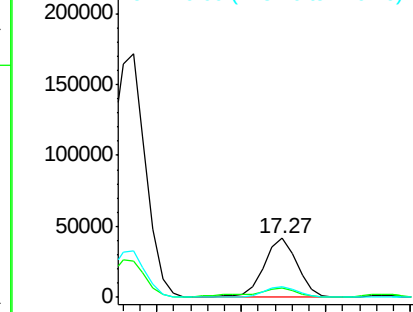
176 17.8 14.4 21.6

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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



#77

Fluoranthene

Concen: 7.47 ng/ul

RT: 19.20 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM003095.D

Acq: 11 Nov 2015 21:12

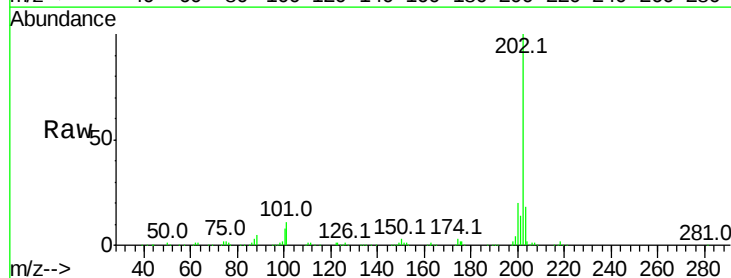
Tgt Ion:202 Resp: 278272

Ion Ratio Lower Upper

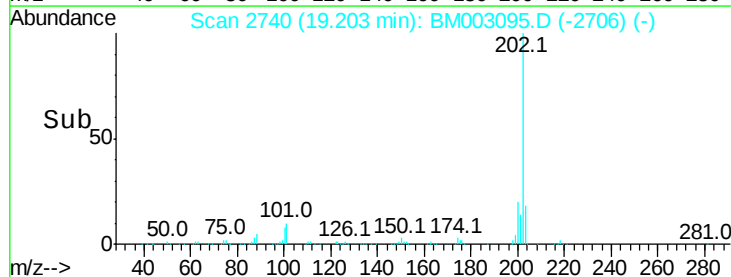
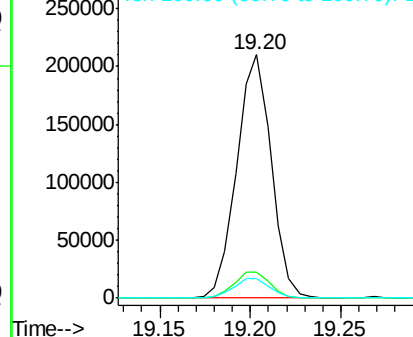
202 100

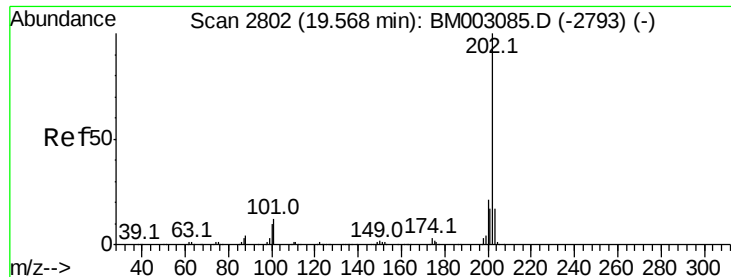
101 10.7 10.4 15.6

100 8.1 7.8 11.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





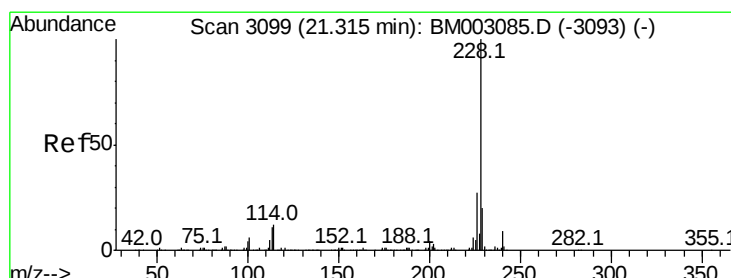
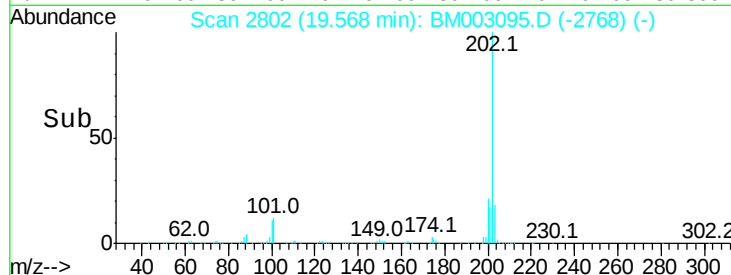
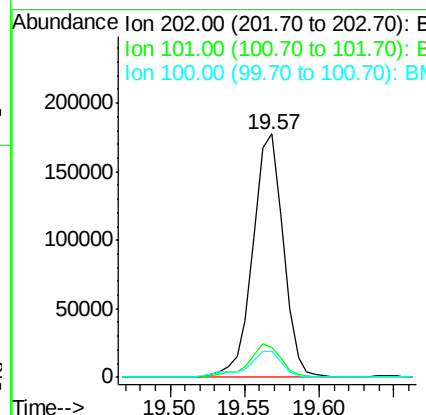
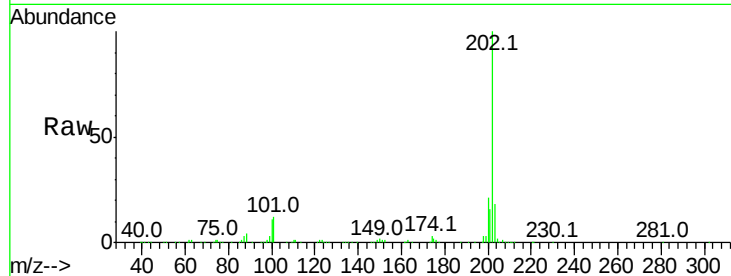
#80
Pvrene
Concen: 6.30 ng/ul
RT: 19.57 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM003095.D
Acq: 11 Nov 2015 21:12

Instrument :
BNA_M
ClientSampleId :
A4HS0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	12.6	18.8#
100	10.5	10.6	15.8#

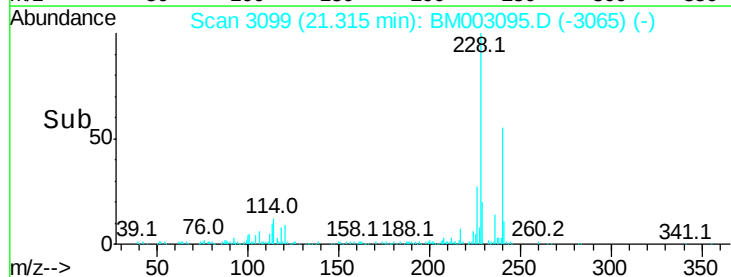
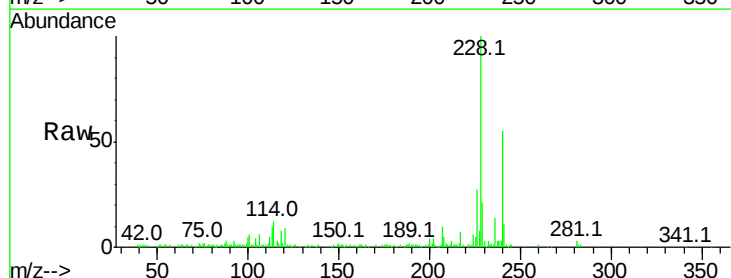
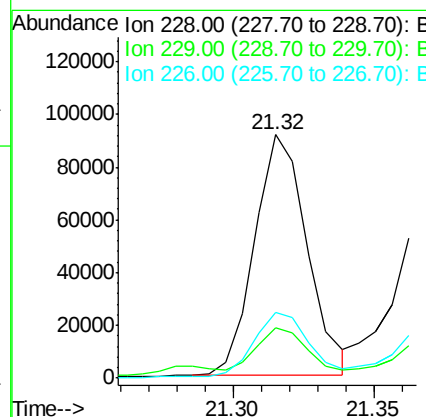
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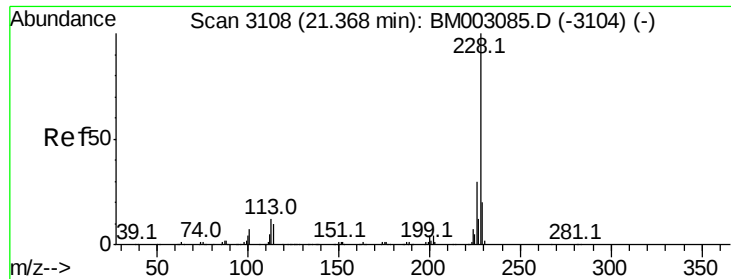
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#83
Benzo(a)anthracene
Concen: 3.54 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM003095.D
Acq: 11 Nov 2015 21:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.1	21.0	31.6





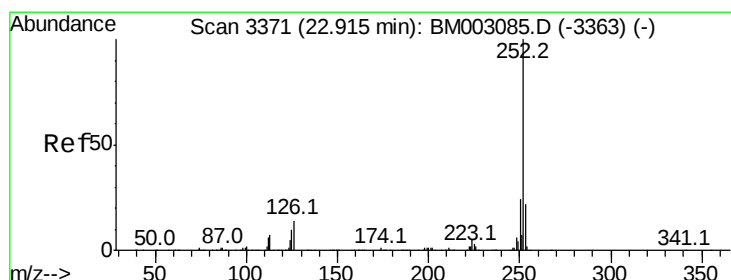
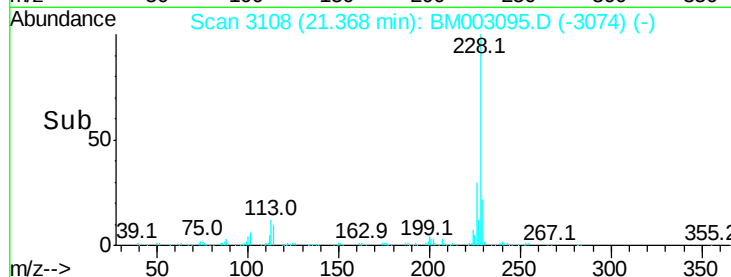
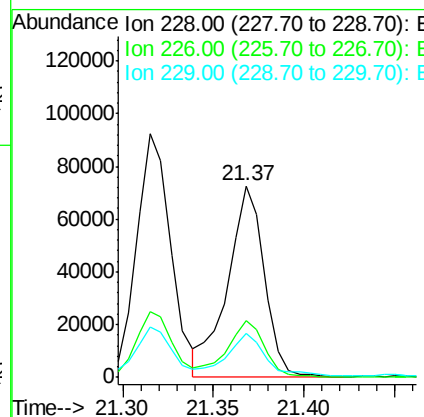
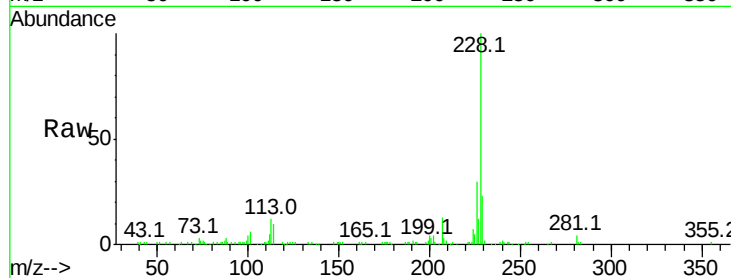
#85
Chrysene
Concen: 3.10 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM003095.D
Acq: 11 Nov 2015 21:12

Instrument :
BNA_M
ClientSampleId :
A4HS0

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	23.1	15.8	23.6

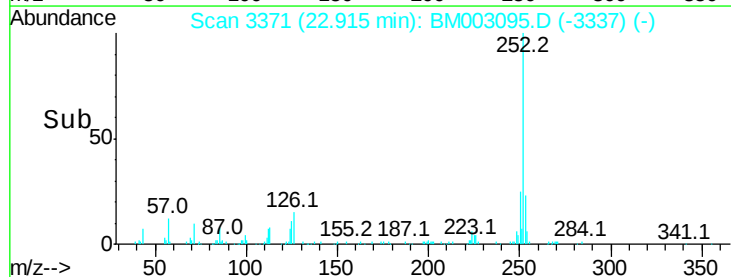
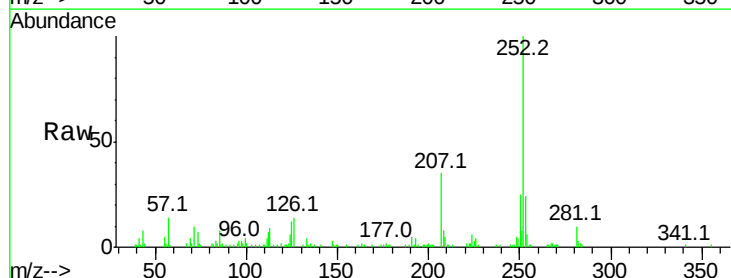
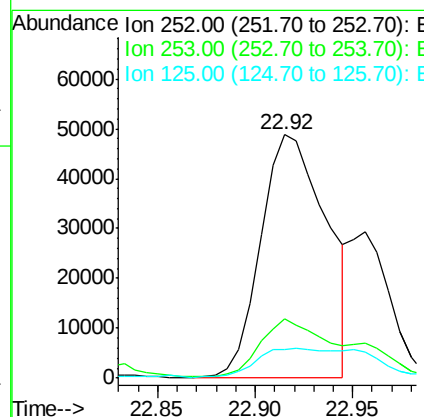
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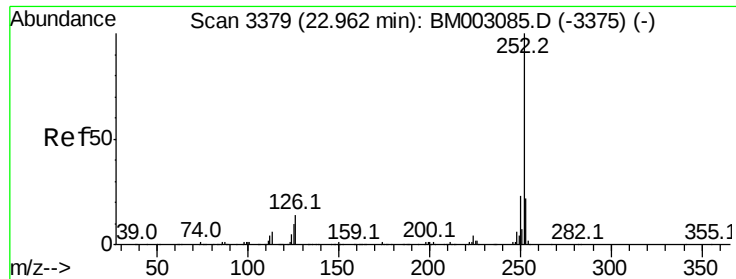
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#88
Benzo(b)fluoranthene
Concen: 3.33 ng/ul
RT: 22.92 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM003095.D
Acq: 11 Nov 2015 21:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	11.7	10.7	16.1





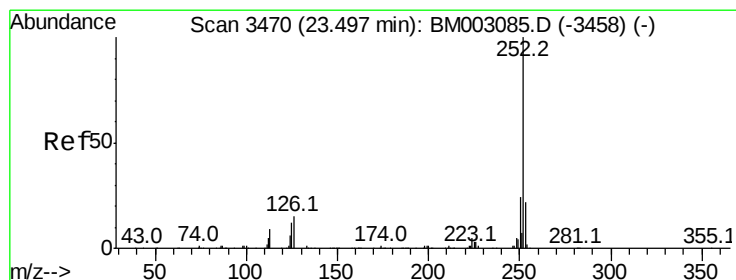
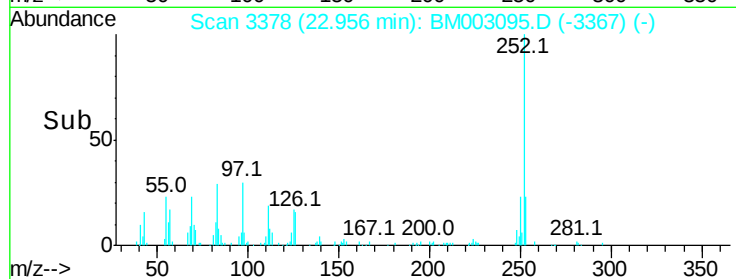
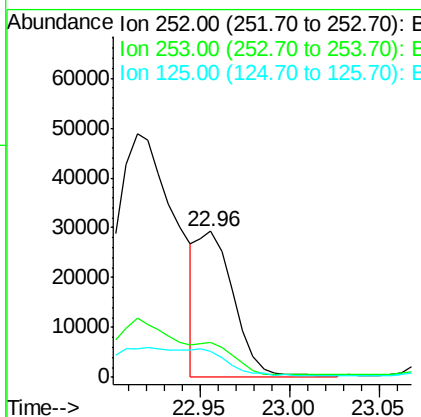
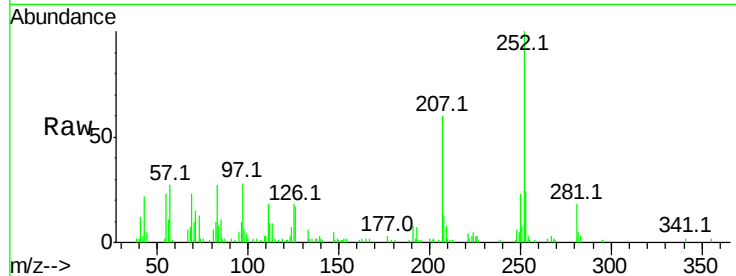
#89
Benzo(k)fluoranthene
Concen: 1.31 ng/ul m
RT: 22.96 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM003095.D
Acq: 11 Nov 2015 21:12

Instrument :
BNA_M
ClientSampleId :
A4HS0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	42097		
253	24.0		17.4	26.0
125	18.2		11.1	16.7#

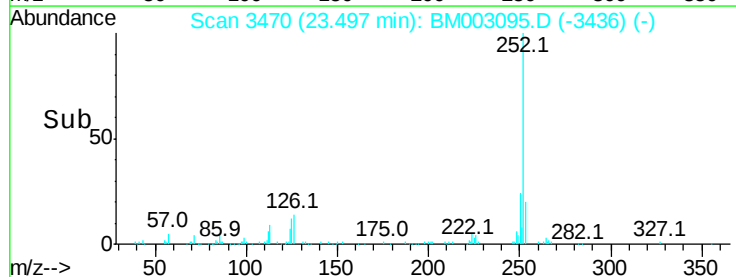
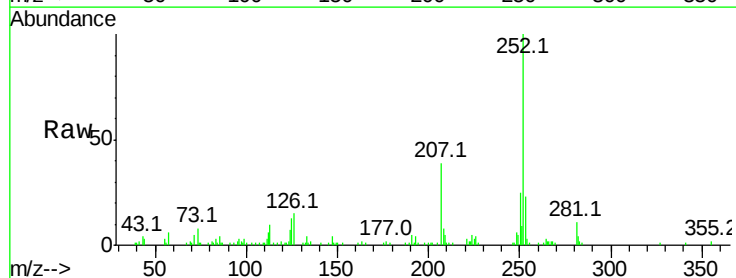
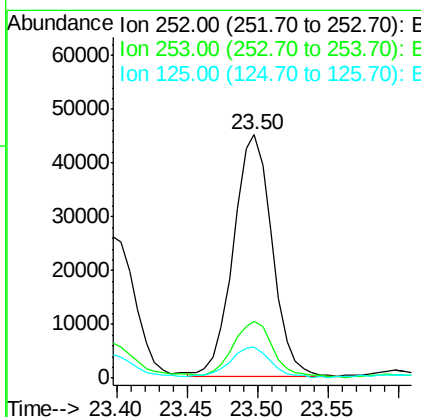
Manual Integrations
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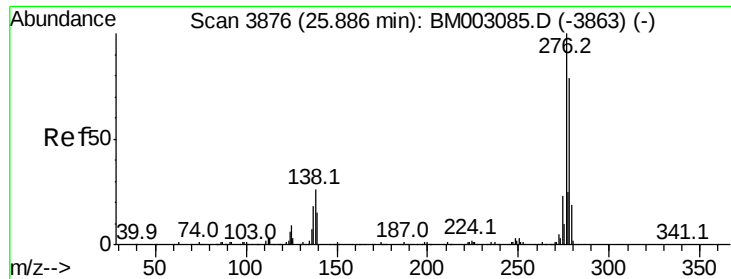
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#91
Benzo(a)pyrene
Concen: 2.64 ng/ul
RT: 23.50 min Scan# 3470
Delta R.T. -0.00 min
Lab File: BM003095.D
Acq: 11 Nov 2015 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	85872		
253	23.3		17.1	25.7
125	12.8		11.9	17.9





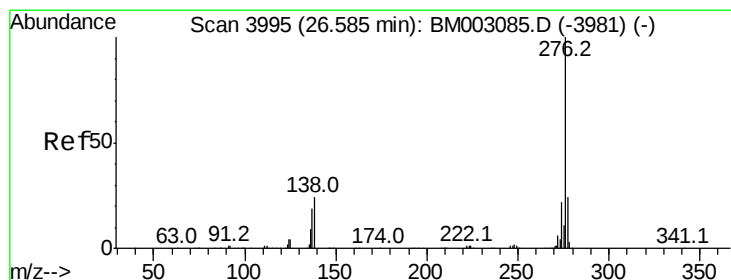
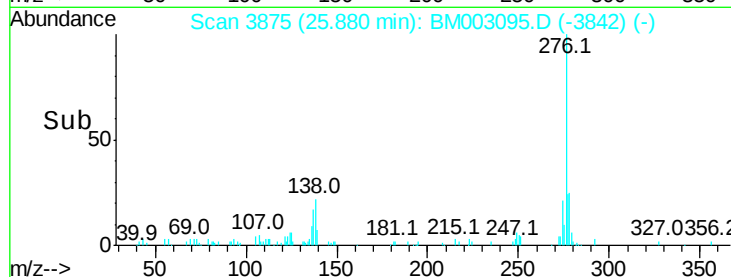
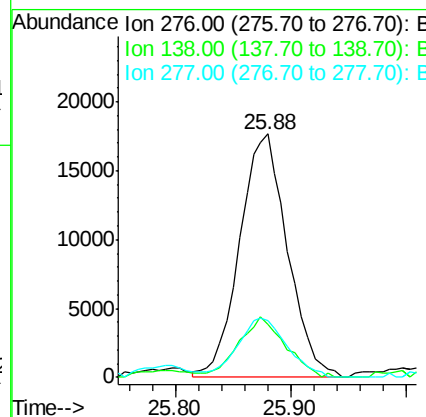
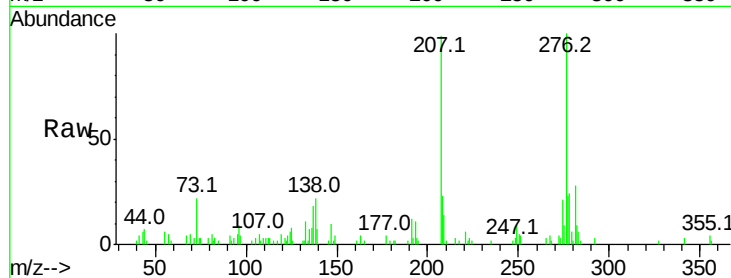
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.42 ng/ul
 RT: 25.88 min Scan# 3875
 Delta R.T. -0.01 min
 Lab File: BM003095.D
 Acq: 11 Nov 2015 21:12

Instrument :
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 A4HS0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	26.6	40.0#
277	23.3	20.2	30.4

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#94
 Benzo(g,h,i)perylene
 Concen: 1.22 ng/ul
 RT: 26.58 min Scan# 3994
 Delta R.T. -0.01 min
 Lab File: BM003095.D
 Acq: 11 Nov 2015 21:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.8	35.6
277	24.3	19.4	29.2

