

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002788.D
 Acq On : 30 Sep 2015 18:58
 Operator : UM/IZ
 Sample : G3838-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MX7

Manual Integrations
 APPROVED

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 10/1/2015 4:09:19 PM

Quant Time: Oct 01 07:32:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	99215	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	411350	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	196681	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	380598	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	360559	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	375321	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	9717	4.55	ng/uL	0.00
5) Phenol-d5	7.82	99	196701	26.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	112617	26.63	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	183784	26.26	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	158807	25.62	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	85203	27.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	90702	27.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	147368	25.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	205159	29.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.68	166	407013	27.51	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	540690	27.38	ng/ul	0.00
52) 4-Nitrophenol-d4	15.47	143	66558	25.33	ng/ul	0.00
58) Fluorene-d10	16.27	176	348913	26.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	29250	15.76	ng/ul	0.00
71) Anthracene-d10	18.11	188	498386	27.44	ng/ul	0.00
79) Pyrene-d10	20.34	212	477137	28.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.53	264	532872	27.75	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.72	163	200883	13.35	ng/ul	100
77) Fluoranthene	20.01	202	30793	1.35	ng/ul	99
80) Pyrene	20.37	202	31667	1.38	ng/ul	99
83) Benzo(a)anthracene	22.08	228	25607	1.19	ng/ul	96
85) Chrysene	22.14	228	29319m	1.45	ng/ul	
88) Benzo(b)fluoranthene	23.90	252	41618	1.85	ng/ul#	84
91) Benzo(a)pyrene	24.58	252	31234	1.44	ng/ul#	83
94) Benzo(a,h,i)perylene	28.27	276	24527	1.15	ng/ul#	84

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

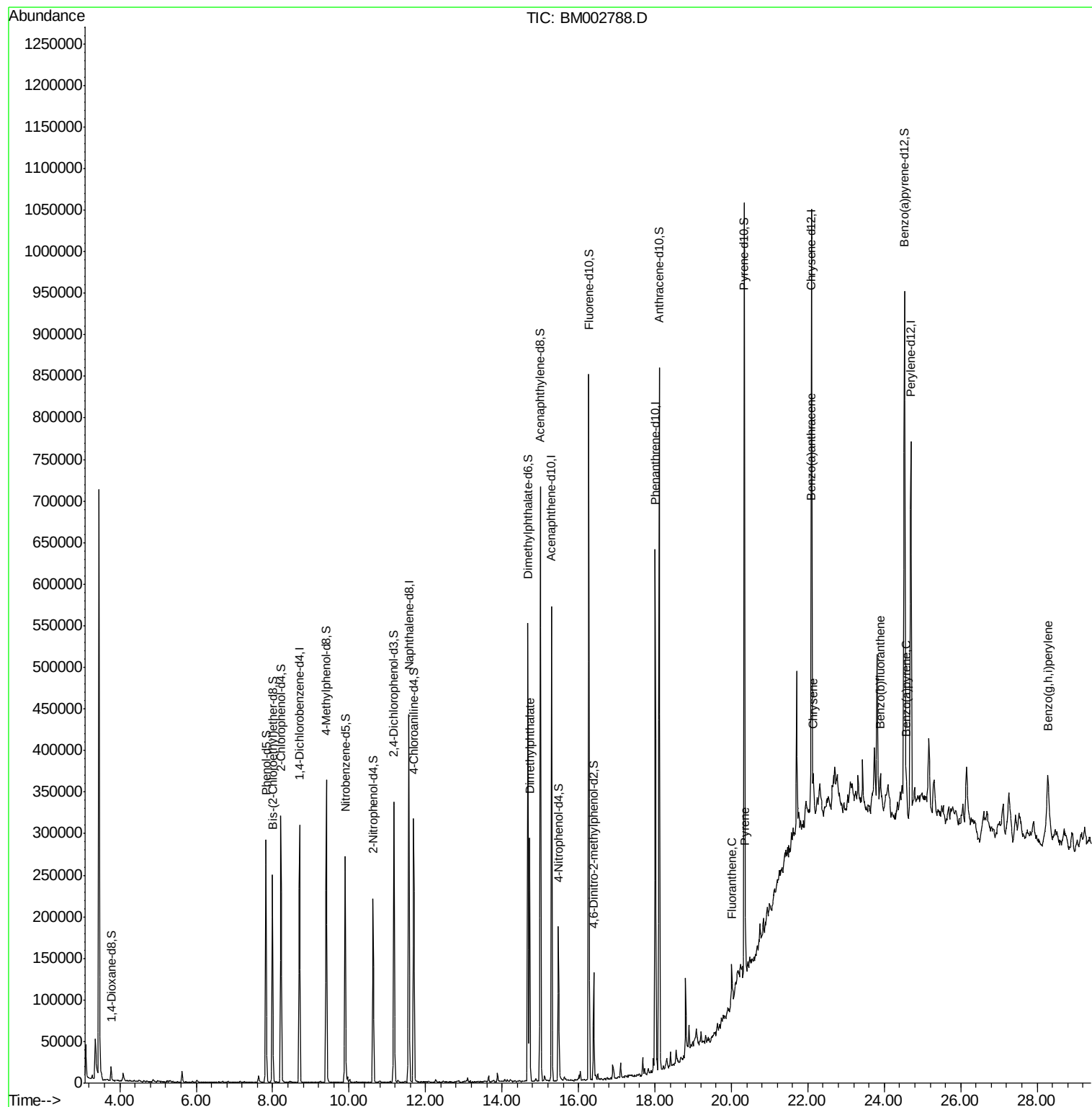
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
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Acq On : 30 Sep 2015 18:58
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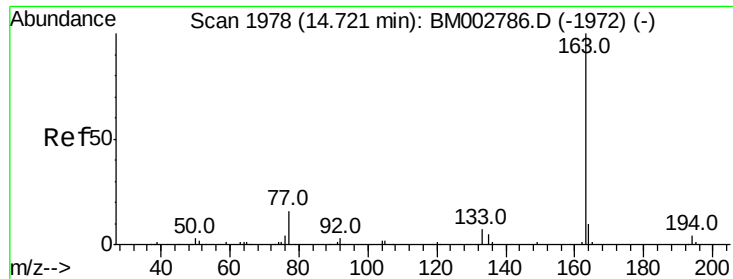
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
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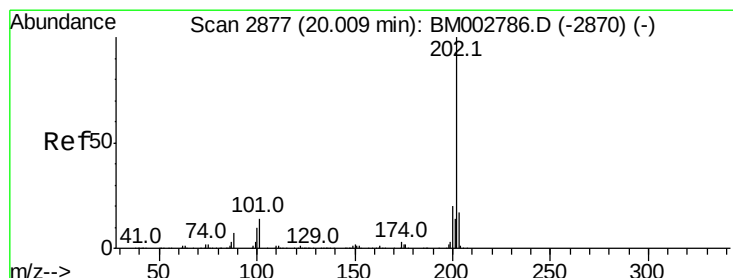
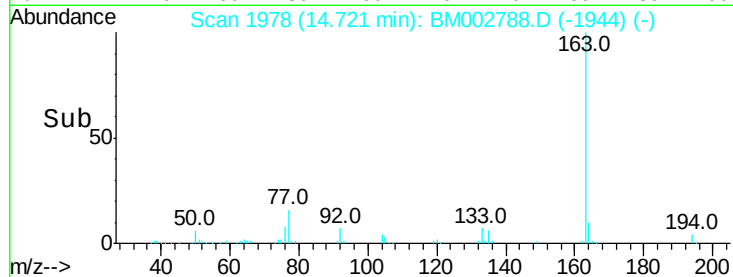
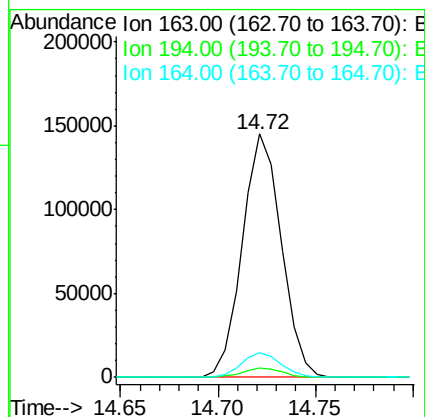
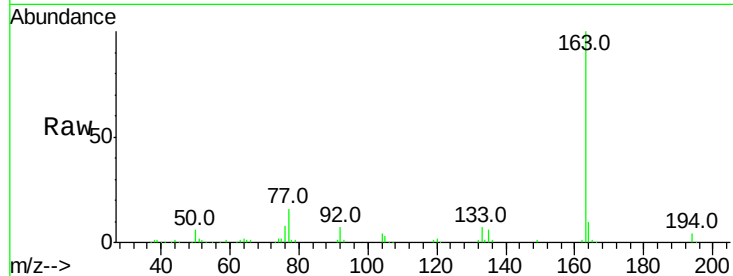
#45
Dimethylphthalate
Concen: 13.35 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM002788.D
Acq: 30 Sep 2015 18:58

Instrument :
BNA_M
ClientSampleId :
E5MX7

Tot Ion:	163	Resp:	200883
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.3	8.1	12.1

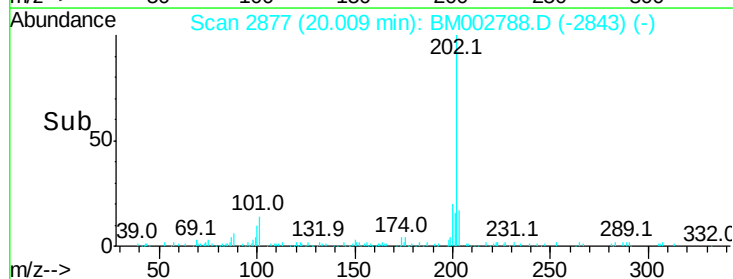
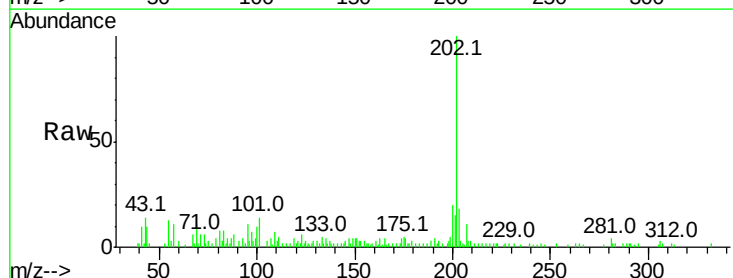
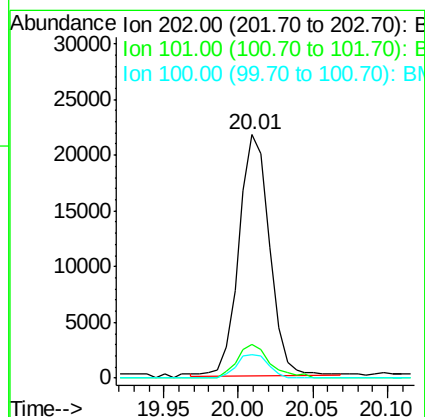
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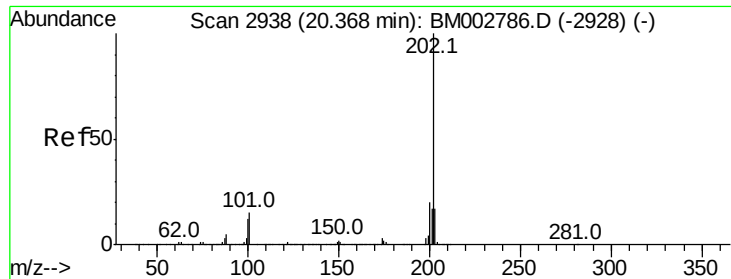
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#77
Fluoranthene
Concen: 1.35 ng/ul
RT: 20.01 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BM002788.D
Acq: 30 Sep 2015 18:58

Tgt Ion:	202	Resp:	30793
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.0	16.4
100	9.9	8.3	12.5





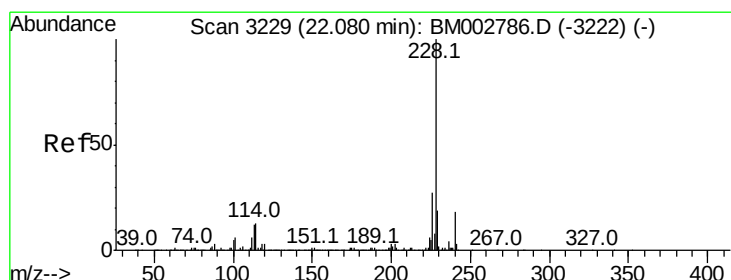
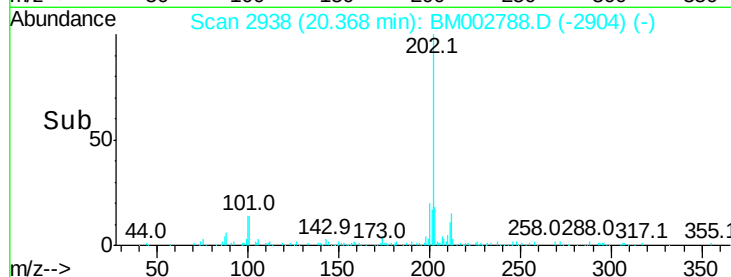
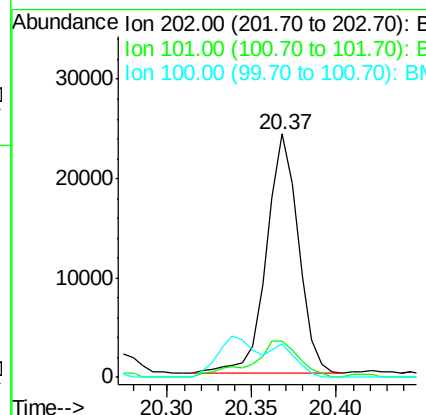
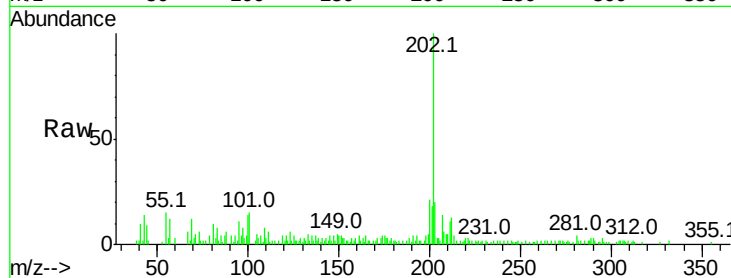
#80
Pvrene
Concen: 1.38 ng/ul
RT: 20.37 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BM002788.D
Acq: 30 Sep 2015 18:58

Instrument :
BNA_M
ClientSampleId :
E5MX7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	12.1	18.1
100	13.6	10.2	15.4

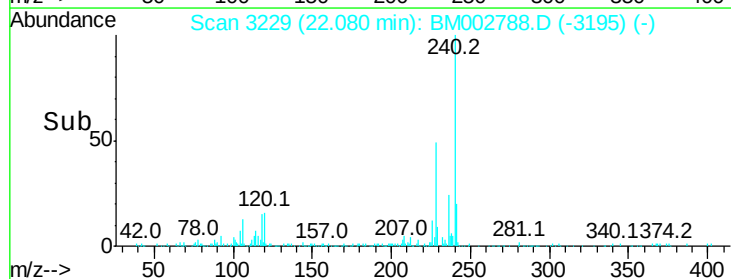
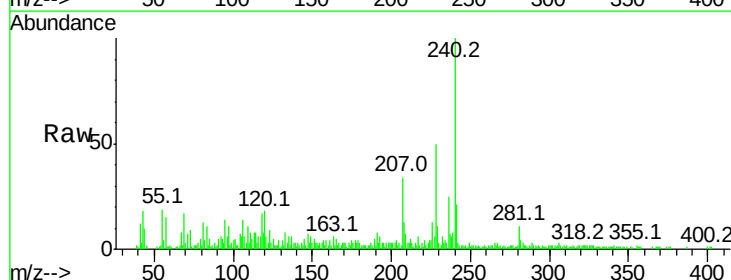
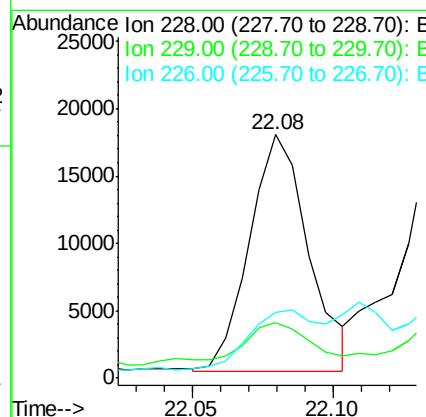
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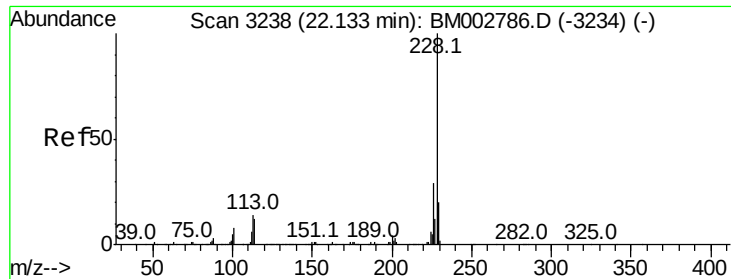
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#83
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 22.08 min Scan# 3229
Delta R.T. 0.00 min
Lab File: BM002788.D
Acq: 30 Sep 2015 18:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	16.1	24.1
226	27.1	20.9	31.3





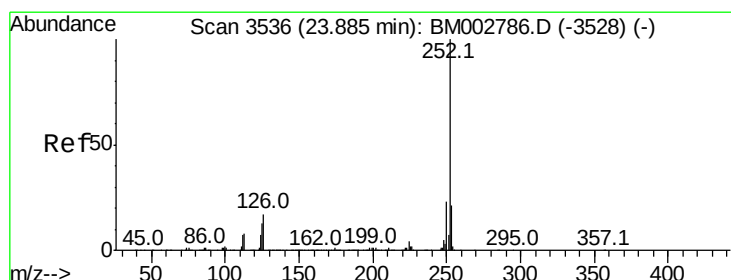
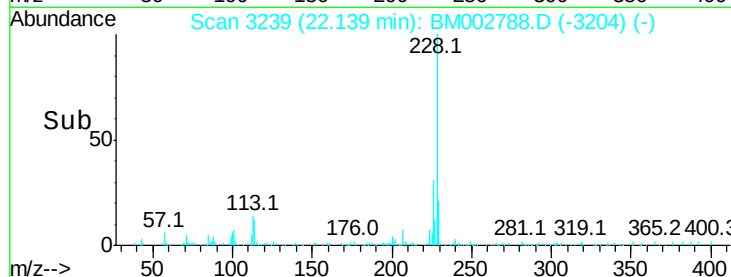
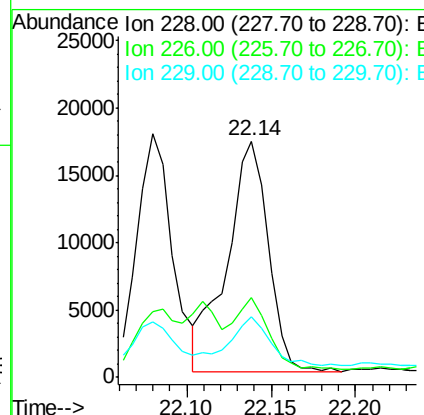
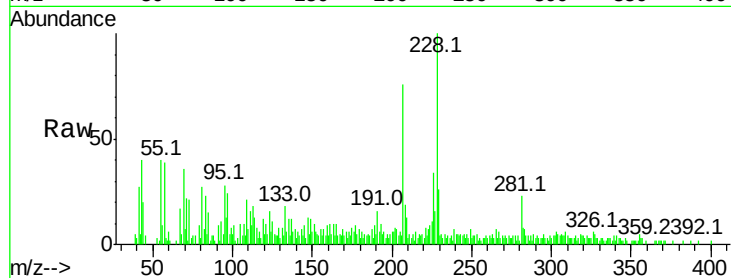
#85
Chrysene
Concen: 1.45 ng/ul m
RT: 22.14 min Scan# 3239
Delta R.T. 0.01 min
Lab File: BM002788.D
Acq: 30 Sep 2015 18:58

Instrument :
BNA_M
ClientSampleId :
E5MX7

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.4	33.6#
229	25.6	15.4	23.2#

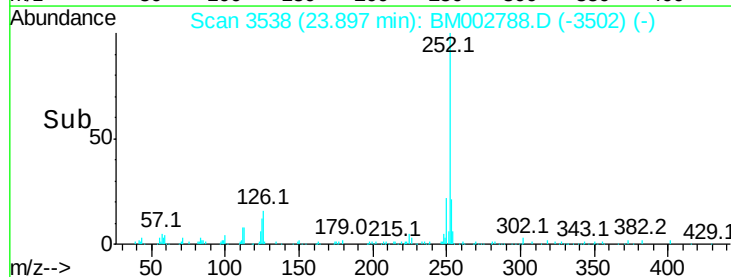
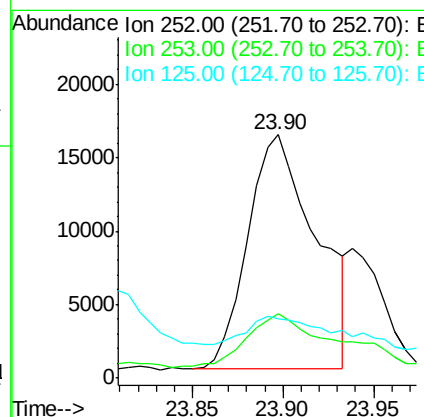
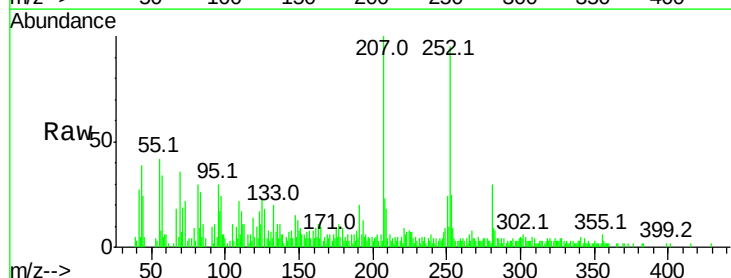
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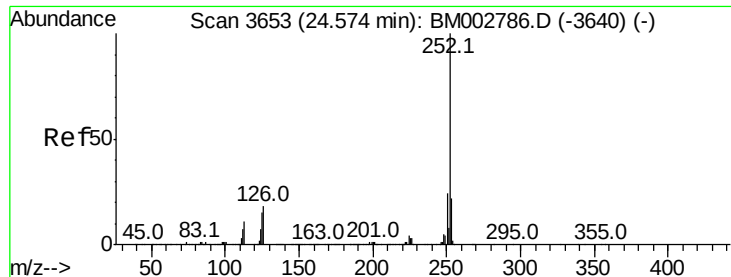
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#88
Benzo(b)fluoranthene
Concen: 1.85 ng/ul
RT: 23.90 min Scan# 3538
Delta R.T. 0.01 min
Lab File: BM002788.D
Acq: 30 Sep 2015 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.6	26.4
125	24.3	10.6	15.8#





#91

Benzo(a)pyrene

Concen: 1.44 ng/ul

RT: 24.58 min Scan# 3654

Delta R.T. 0.01 min

Lab File: BM002788.D

Acq: 30 Sep 2015 18:58

Instrument :

BNA_M

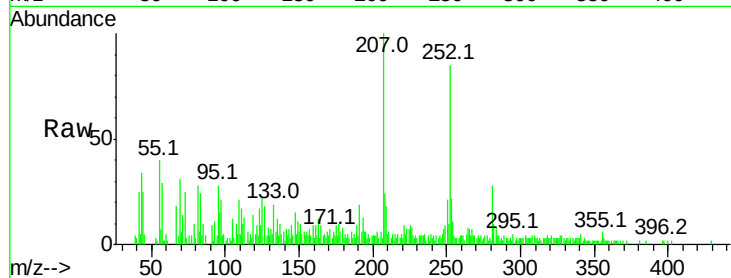
ClientSampleId :

E5MX7

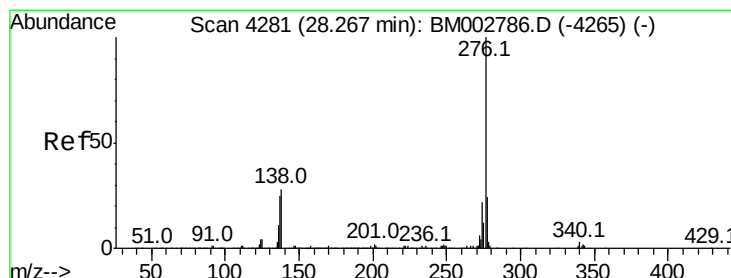
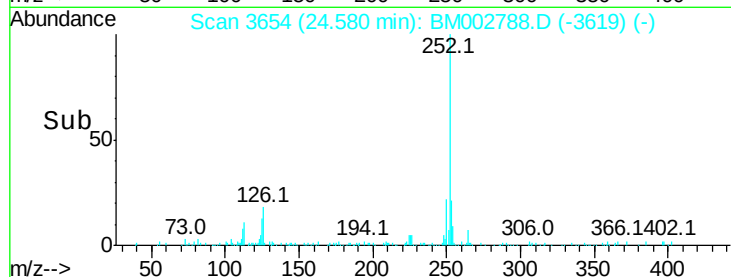
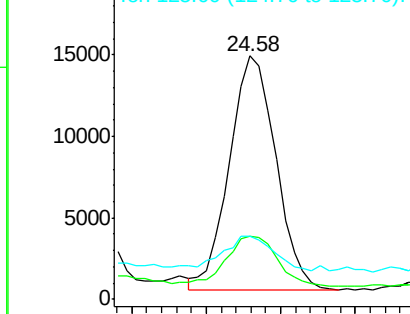
Tot Ion:	252	Resp:	31234
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.4	26.0#
125	26.0	11.4	17.2#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.15 ng/ul

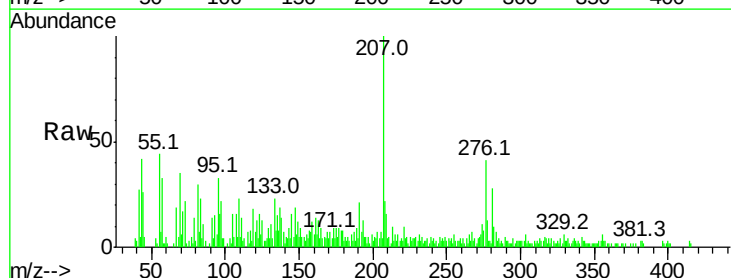
RT: 28.27 min Scan# 4282

Delta R.T. 0.01 min

Lab File: BM002788.D

Acq: 30 Sep 2015 18:58

Tgt Ion:	276	Resp:	24527
Ion Ratio	Lower	Upper	
276	100		
138	35.4	21.8	32.8#
277	31.8	18.9	28.3#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

