

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003673.D
 Acq On : 21 Dec 2015 02:25
 Operator : UM/SJ
 Sample : G4867-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA5

Manual Integrations
 APPROVED

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 12/22/2015 12:19:58 PM

Quant Time: Dec 21 05:10:22 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	20647	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	103212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	67538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	170302	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	229881	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	224969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	270	0.70	ng/uL	0.00
5) Phenol-d5	6.87	99	12558	7.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	29075	31.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	38673	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	27171	18.03	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	24552	32.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	27897	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	50376	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	640	0.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	190720	34.17	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	224849	35.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	6979	6.42	ng/ul	0.00
58) Fluorene-d10	15.34	176	167957	36.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29330	30.56	ng/ul	0.00
71) Anthracene-d10	17.20	188	281265	36.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	343565	34.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	401841	35.96	ng/ul	0.00

Target Compounds

						Ovalue
48) Acenaphthylene	14.07	152	30504	4.39	ng/ul	99
77) Fluoranthene	19.16	202	12317	1.14	ng/ul	98
80) Pyrene	19.53	202	37873	2.86	ng/ul	99
88) Benzo(b)fluoranthene	22.87	252	29414m	2.17	ng/ul	
91) Benzo(a)pyrene	23.44	252	40796	3.14	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	23812	1.71	ng/ul	97
94) Benzo(g,h,i)perylene	26.50	276	27451	2.39	ng/ul	99

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

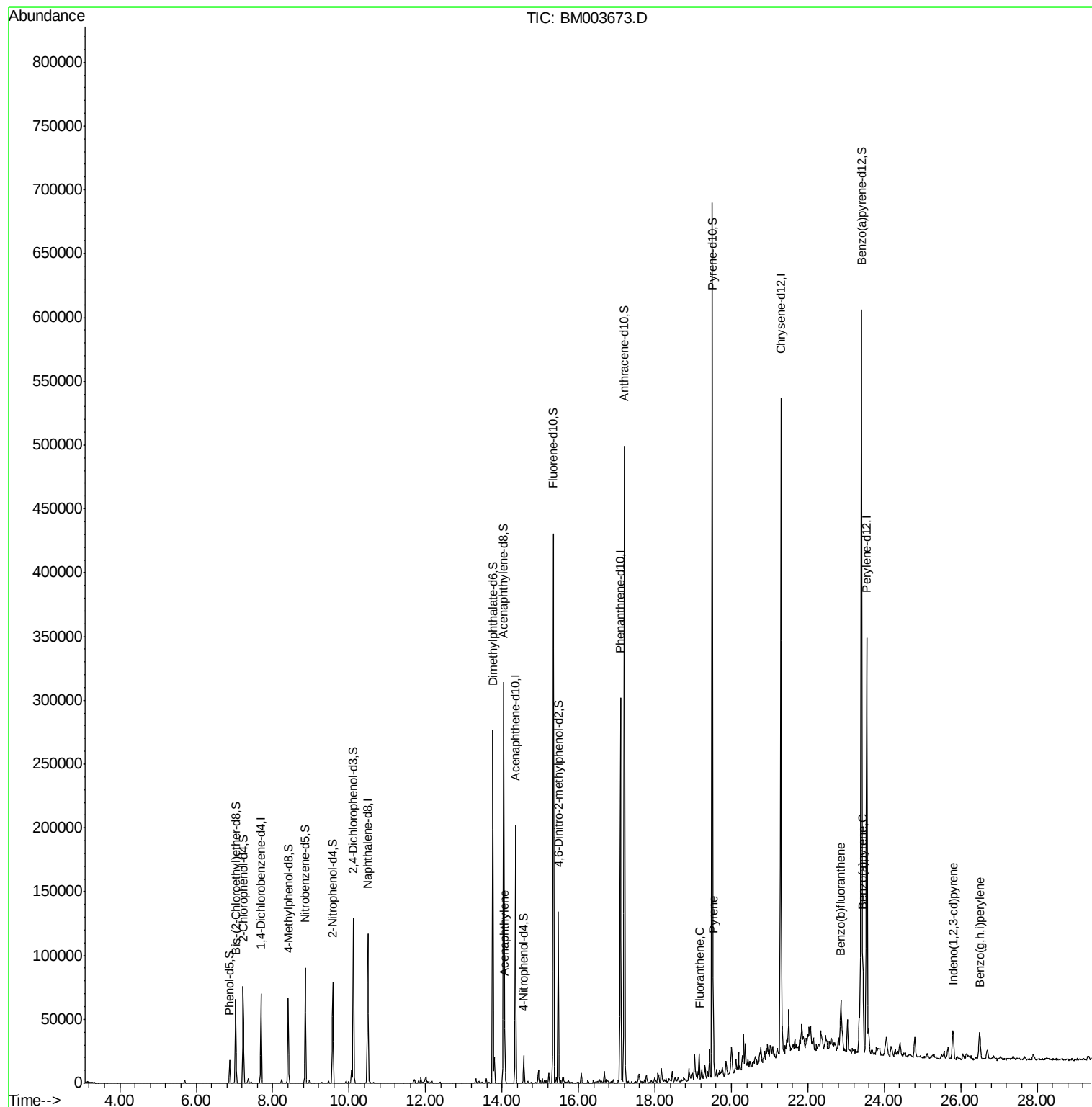
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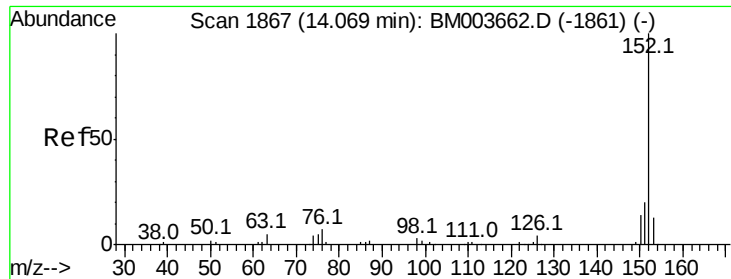
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#48

Acenaphthylene

Concen: 4.39 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM003673.D

Acq: 21 Dec 2015 02:25

Instrument :

BNA_M

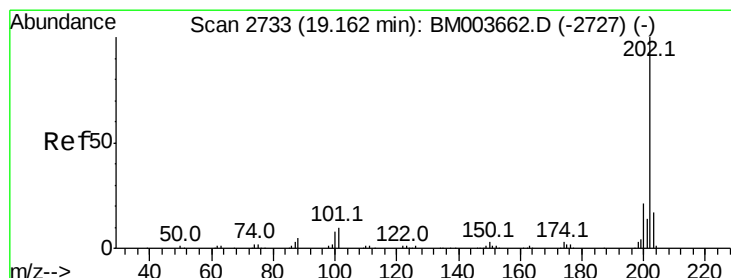
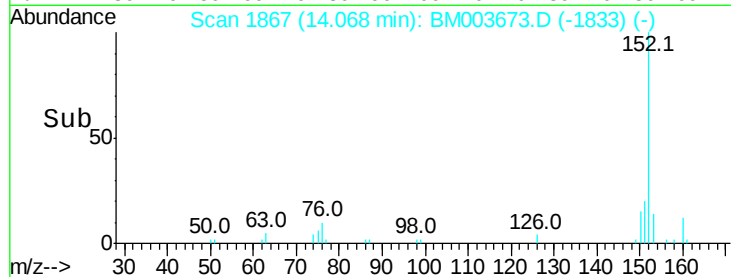
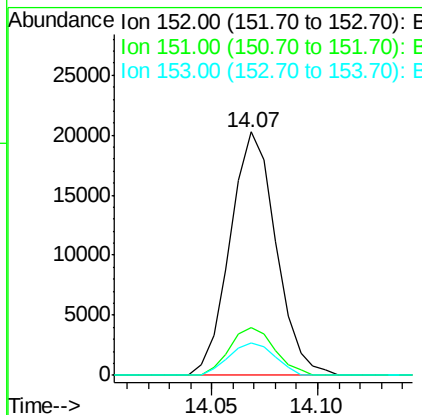
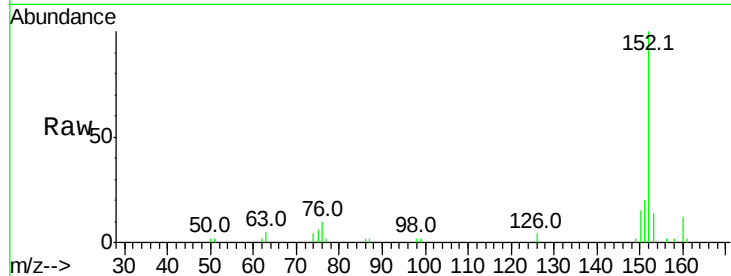
ClientSampled :

G9DA5

Tot Ion:	152	Resp:	30504
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.7	23.5
153	13.5	10.5	15.7

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#77

Fluoranthene

Concen: 1.14 ng/ul

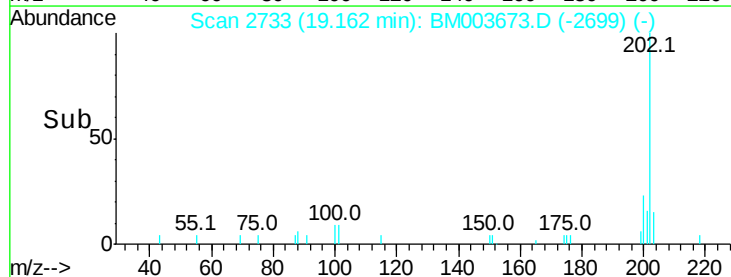
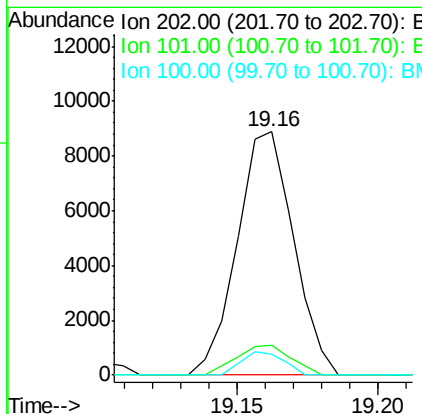
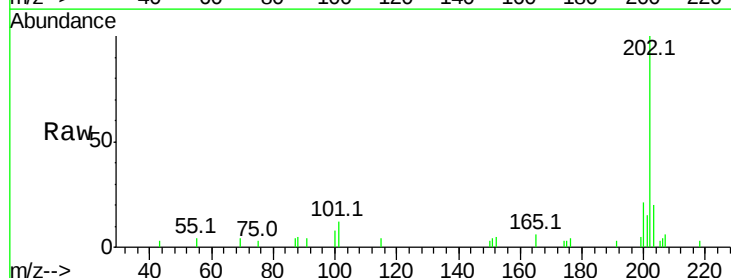
RT: 19.16 min Scan# 2733

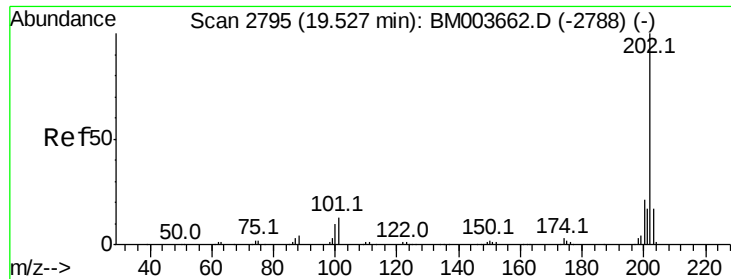
Delta R.T. -0.00 min

Lab File: BM003673.D

Acq: 21 Dec 2015 02:25

Tgt Ion:	202	Resp:	12317
Ion Ratio	Lower	Upper	
202	100		
101	12.3	8.8	13.2
100	8.5	6.6	9.8





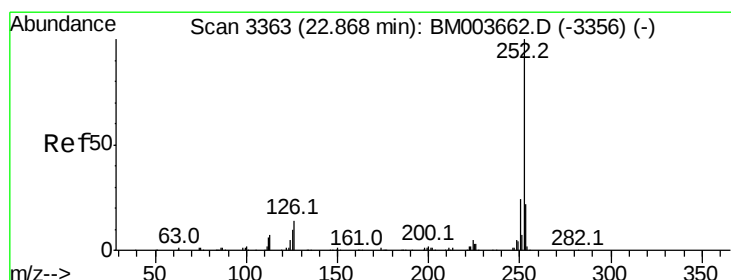
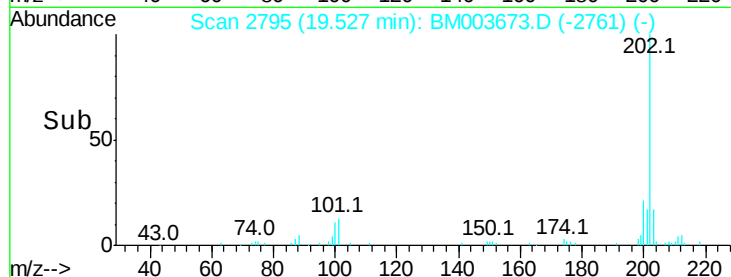
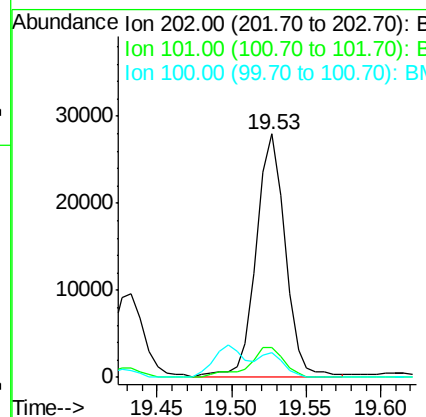
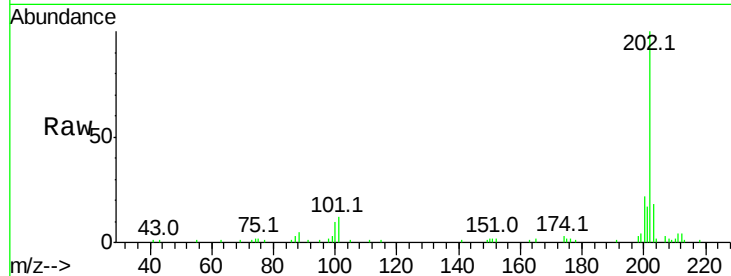
#80
Pvrene
Concen: 2.86 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Instrument :
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ClientSampleId :
G9DA5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	10.2	15.2
100	10.3	8.5	12.7

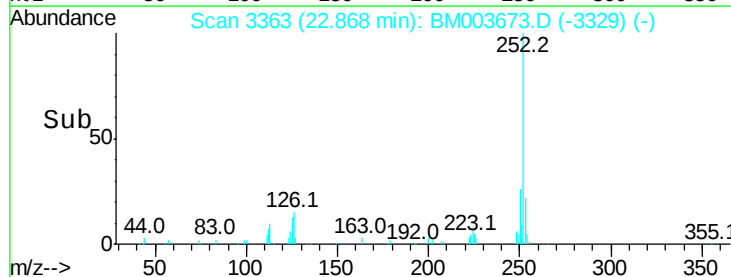
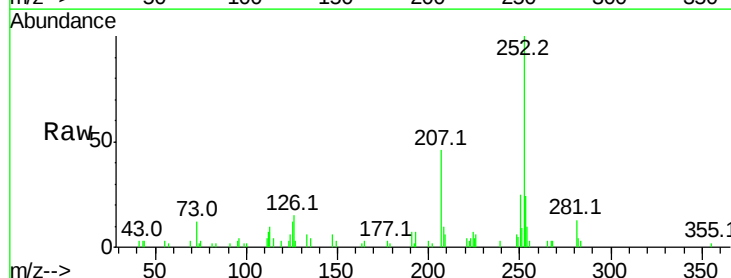
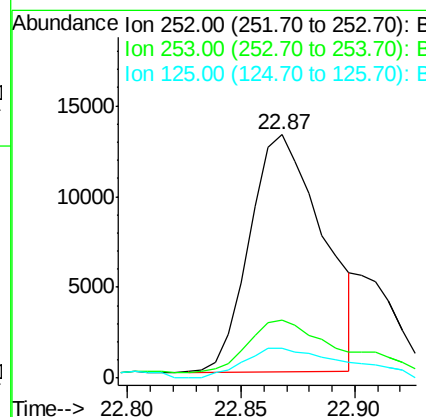
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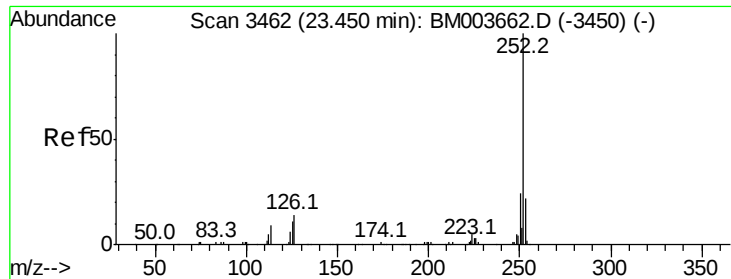
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#88
Benzo(b)fluoranthene
Concen: 2.17 ng/ul m
RT: 22.87 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.1	8.5	12.7





#91

Benzo(a)pyrene

Concen: 3.14 ng/ul

RT: 23.44 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM003673.D

Acq: 21 Dec 2015 02:25

Instrument :

BNA_M

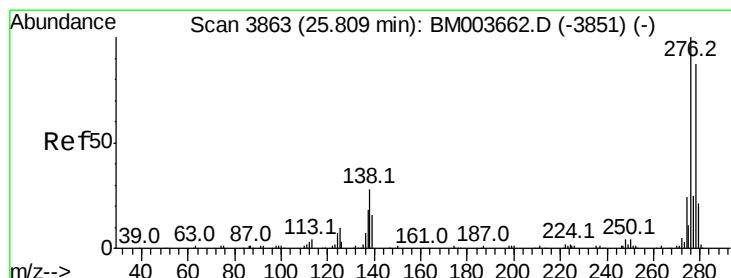
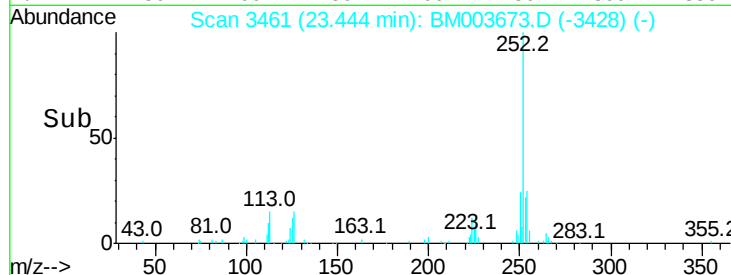
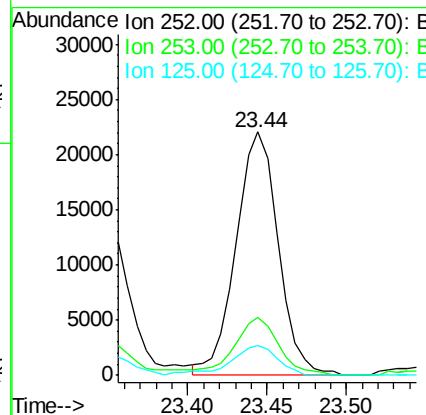
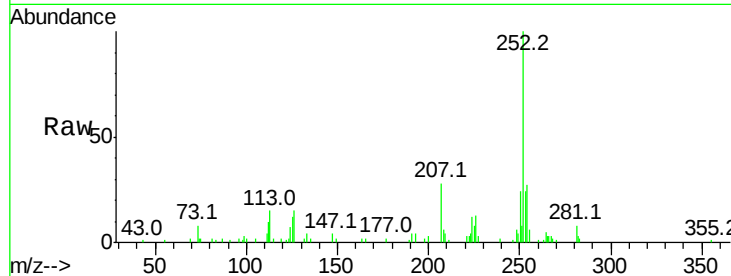
ClientSampleId :

G9DA5

Tot Ion:	252	Resp:	40796
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	12.2	9.0	13.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.71 ng/ul

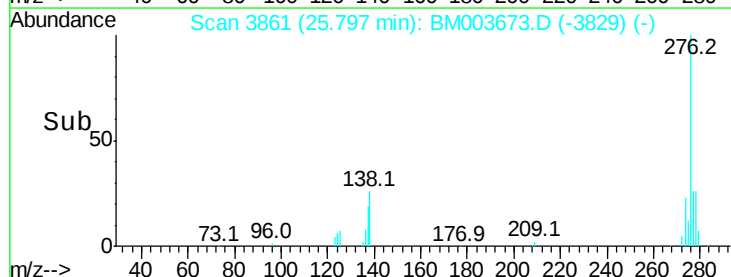
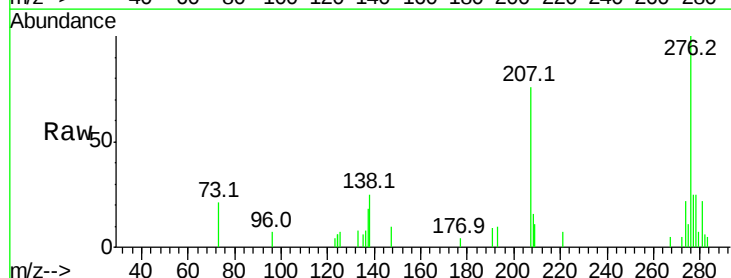
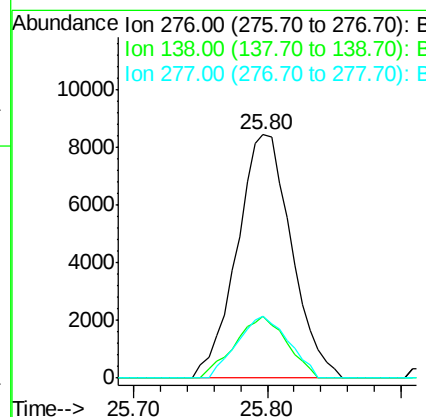
RT: 25.80 min Scan# 3861

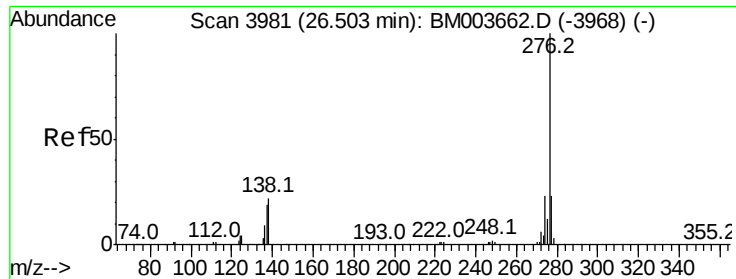
Delta R.T. -0.01 min

Lab File: BM003673.D

Acq: 21 Dec 2015 02:25

Tgt Ion:	276	Resp:	23812
Ion Ratio	Lower	Upper	
276	100		
138	25.2	22.3	33.5
277	25.4	20.2	30.2





#94

Benzo(a,h,i)perylene

Concen: 2.39 ng/ul

RT: 26.50 min Scan# 3980

Delta R.T. -0.01 min

Lab File: BM003673.D

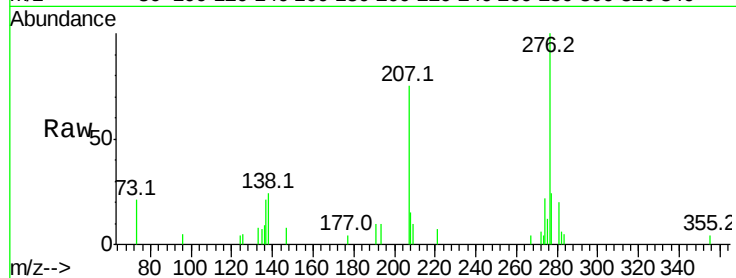
Acq: 21 Dec 2015 02:25

Instrument :

BNA_M

ClientSampleId :

G9DA5



Tot Ion:	276	Resp:	27451
Ion Ratio	Lower	Upper	
276	100		
138	24.2	18.9	28.3
277	24.3	19.2	28.8

Manual Integrations
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