

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005520.D
 Acq On : 20 May 2016 04:35
 Operator : UM/SJ
 Sample : H2890-08 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT4

Quant Time: May 20 06:43:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	71719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	401263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	281893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	737226	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1118075	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	1222181	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	16000	2.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	8856	2.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	11908	2.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	14445	2.46	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	5788	2.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	6709	2.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	15101	2.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	12852	1.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	56265	2.43	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	68171	2.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	9005	1.89	ng/ul	0.02
57) Fluorene-d10	15.46	176	67598	3.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	5232	1.35	ng/ul	0.00
70) Anthracene-d10	17.30	188	95924	2.83	ng/ul	0.00
76) Pyrene-d10	19.60	212	122845	2.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	150892	2.76	ng/ul	0.01

Target Compounds

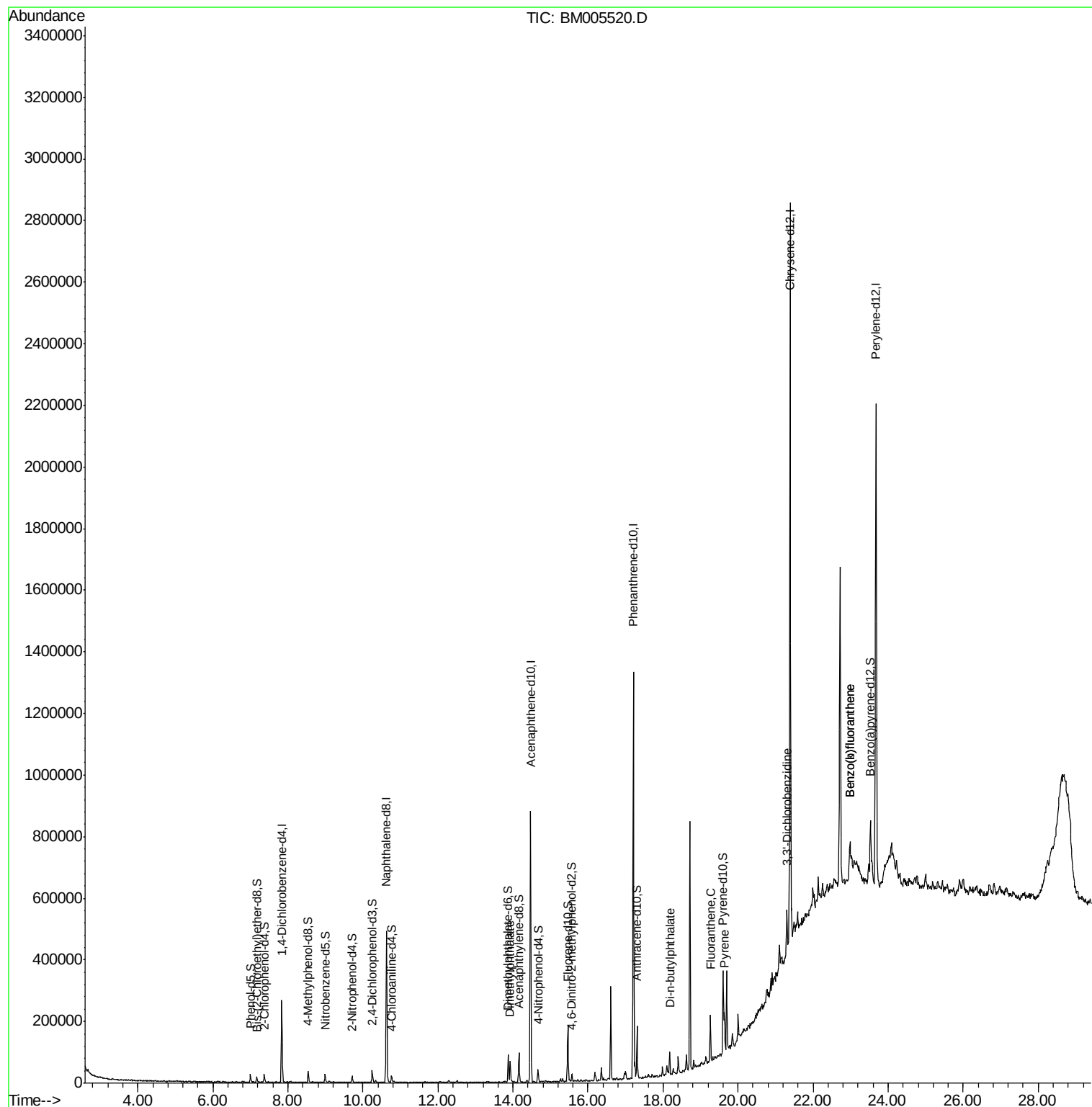
						Qvalue
44) Dimethylphthalate	13.93	163	44983	1.90	ng/ul	98
73) Di-n-butylphthalate	18.18	149	51660	1.11	ng/ul	99
74) Fluoranthene	19.26	202	81071	1.65	ng/ul#	96
77) Pyrene	19.63	202	69931	1.17	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	22380	1.05	ng/ul	95
85) Benzo(b)fluoranthene	22.99	252	84375	1.21	ng/ul#	90
86) Benzo(k)fluoranthene	22.99	252	84375	1.24	ng/ul#	89

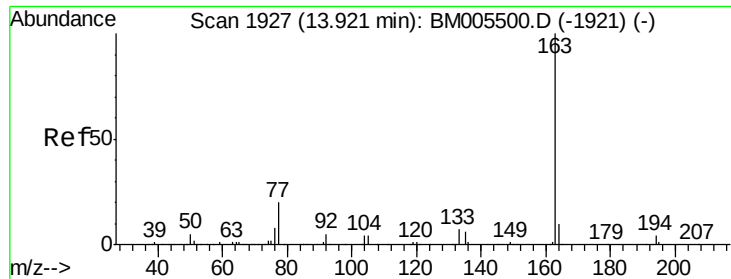
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.90 ng/ul

RT: 13.93 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BM005520.D

Acq: 20 May 2016 04:35

Instrument :

BNA_M

ClientSampleId :

D9WT4

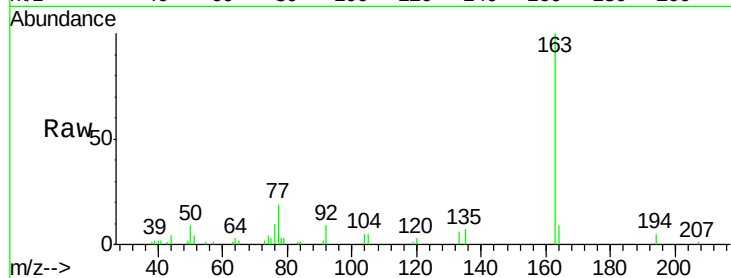
Tgt Ion:163 Resp: 44983

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

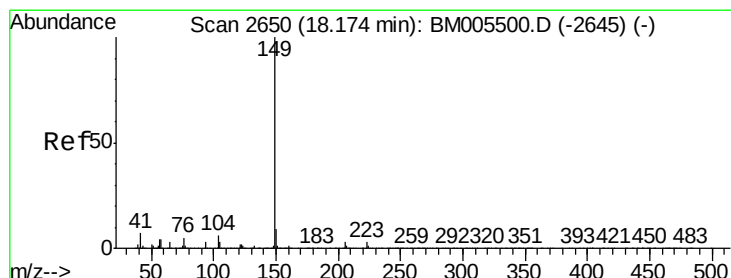
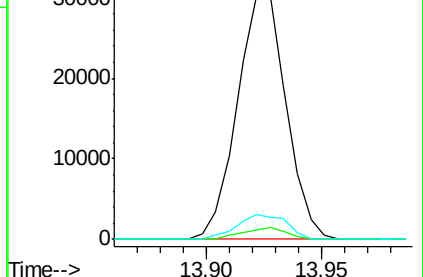
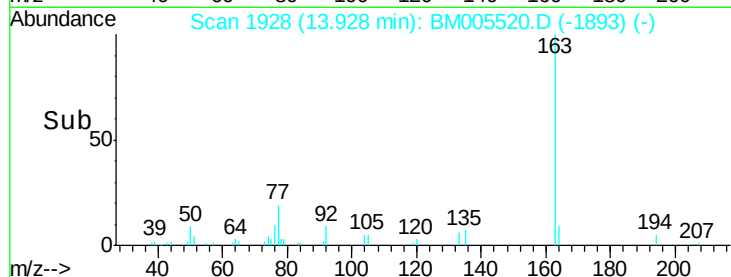
164 9.3 7.9 11.9



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



#73

Di-n-butylphthalate

Concen: 1.11 ng/ul

RT: 18.18 min Scan# 2651

Delta R.T. 0.01 min

Lab File: BM005520.D

Acq: 20 May 2016 04:35

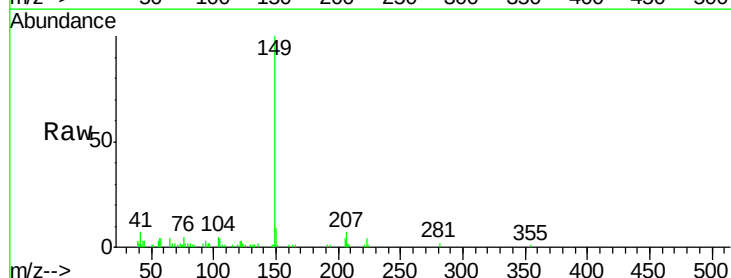
Tgt Ion:149 Resp: 51660

Ion Ratio Lower Upper

149 100

150 8.7 7.3 10.9

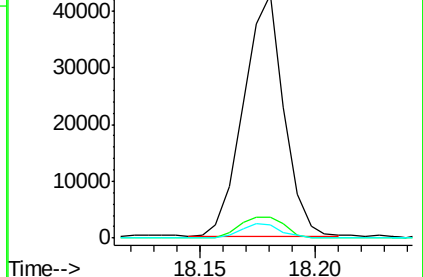
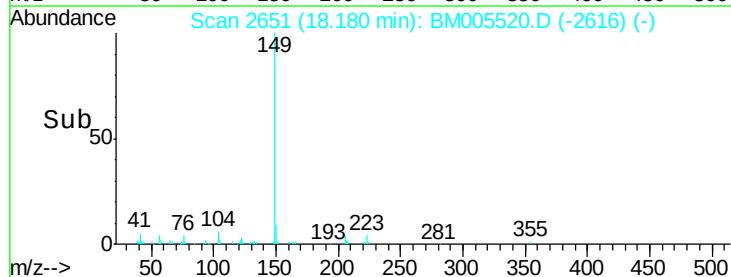
104 5.4 4.1 6.1

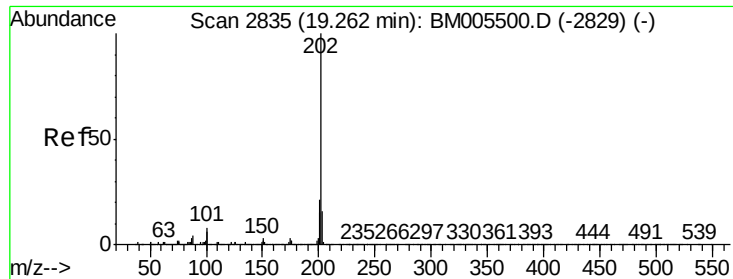


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 1.65 ng/ul

RT: 19.26 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BM005520.D

Acq: 20 May 2016 04:35

Instrument :

BNA_M

ClientSampleId :

D9WT4

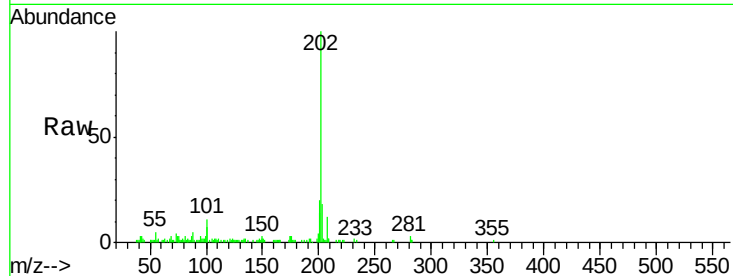
Tgt Ion:202 Resp: 81071

Ion Ratio Lower Upper

202 100

101 10.7 9.2 13.8

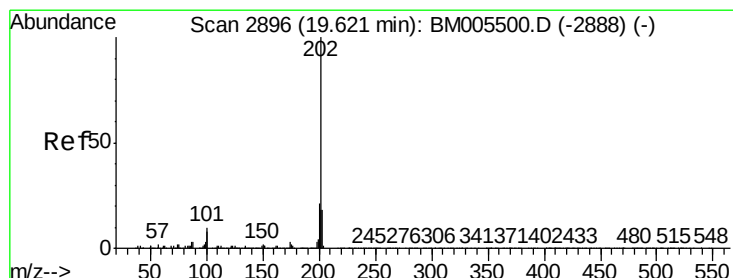
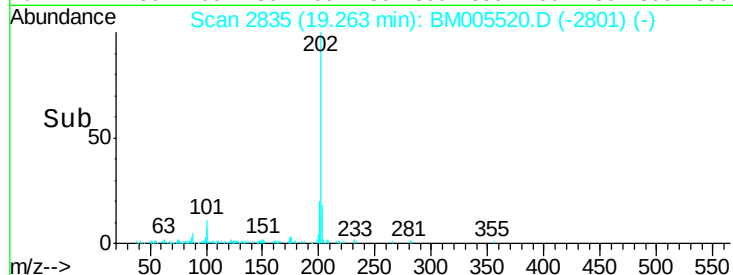
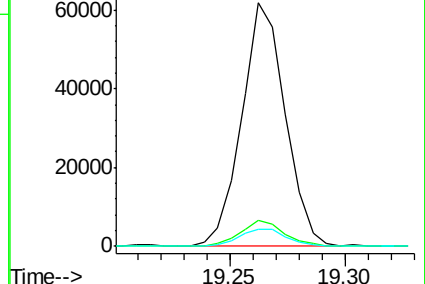
100 6.9 7.1 10.7#



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



#77

Pyrene

Concen: 1.17 ng/ul

RT: 19.63 min Scan# 2897

Delta R.T. 0.01 min

Lab File: BM005520.D

Acq: 20 May 2016 04:35

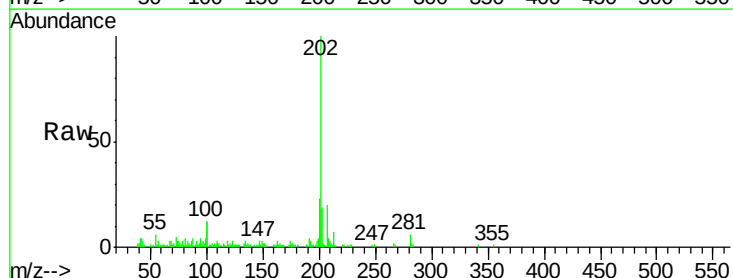
Tgt Ion:202 Resp: 69931

Ion Ratio Lower Upper

202 100

101 12.4 10.8 16.2

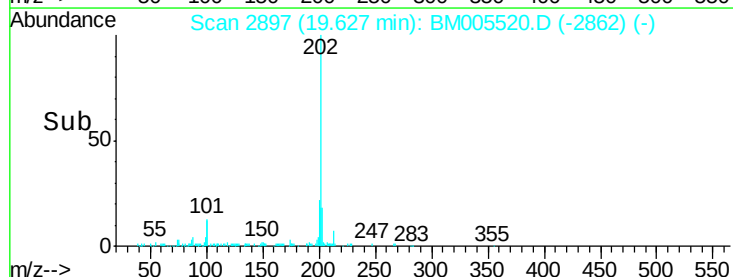
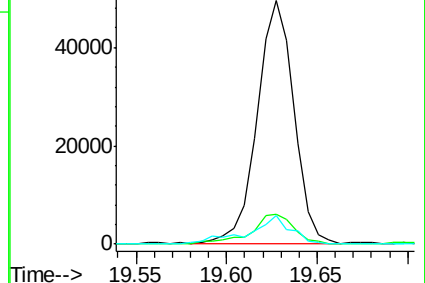
100 11.7 8.4 12.6

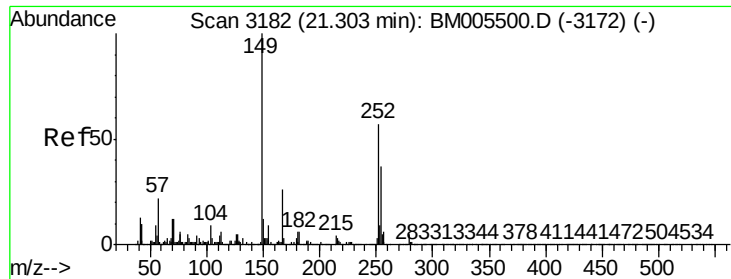


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

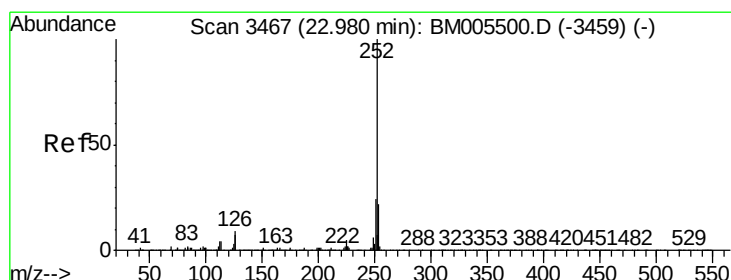
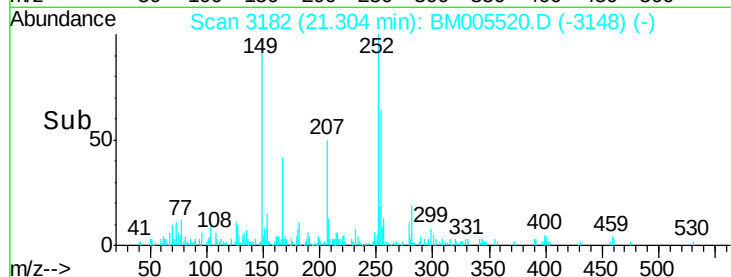
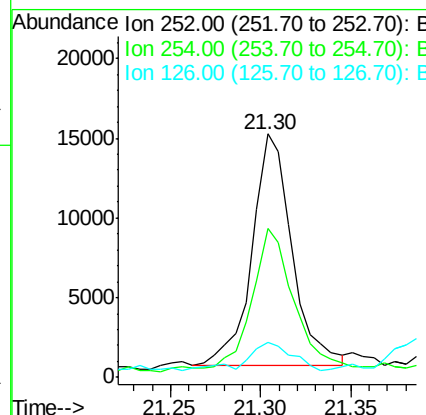
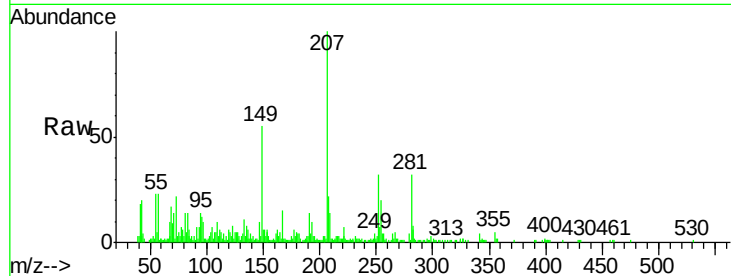




#79
 3,3'-Dichlorobenzidine
 Concen: 1.05 ng/ul
 RT: 21.30 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: BM005520.D
 Acq: 20 May 2016 04:35

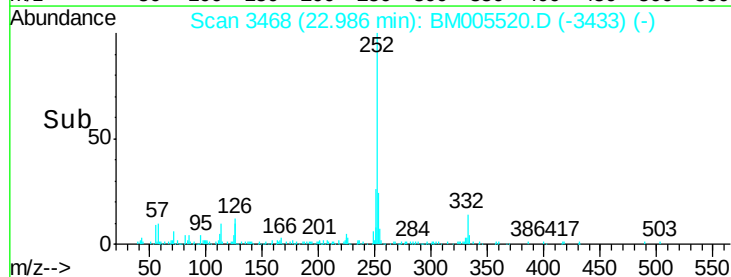
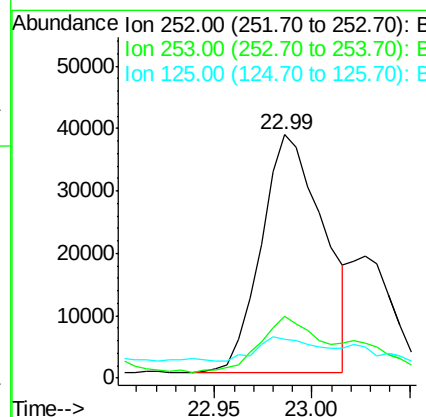
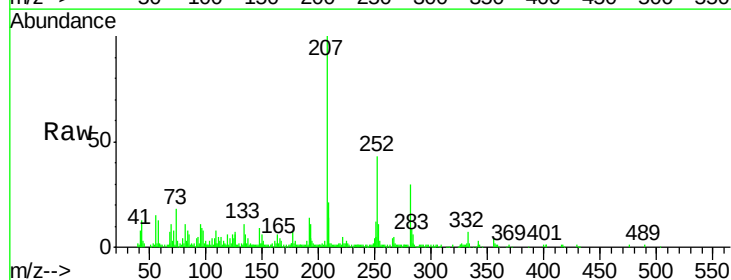
Instrument :
 BNA_M
 ClientSampleId :
 D9WT4

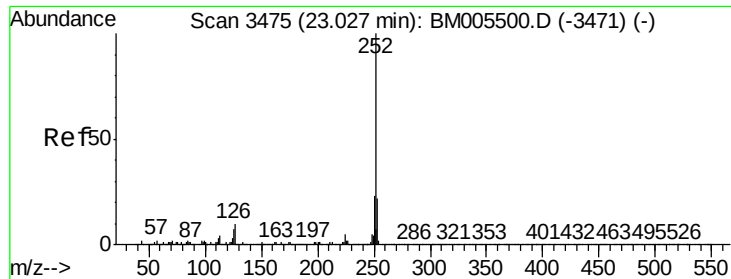
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.4	52.1	78.1
126	14.2	9.8	14.8



#85
 Benzo(b)fluoranthene
 Concen: 1.21 ng/ul
 RT: 22.99 min Scan# 3468
 Delta R.T. 0.01 min
 Lab File: BM005520.D
 Acq: 20 May 2016 04:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	16.2	8.4	12.6





#86

Benzo(k)fluoranthene

Concen: 1.24 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. -0.04 min

Lab File: BM005520.D

Acq: 20 May 2016 04:35

Instrument :

BNA_M

ClientSampleId :

D9WT4

Tgt Ion:252 Resp: 84375

Ion Ratio Lower Upper

252 100

253 25.2 17.3 25.9

125 16.2 8.0 12.0#

