

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022616\
 Data File : BM004445.D
 Acq On : 27 Feb 2016 02:40
 Operator : SJ/UM
 Sample : H1564-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R40

Quant Time: Feb 27 04:34:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 27 00:43:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	24810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	102161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	54522	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	117303	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	128750	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	129001	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	1322	2.81	ng/uL	0.00
5) Phenol-d5	6.80	99	28131	13.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	15616	14.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	27345	15.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	20050	10.79	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	12712	16.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	13479	15.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	23065	14.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	32225	16.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	75875	16.23	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	95279	17.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	3571	4.75	ng/ul	0.02
58) Fluorene-d10	15.27	176	66220	16.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	3038	4.22	ng/ul	0.01
71) Anthracene-d10	17.13	188	99977	17.39	ng/ul	0.00
79) Pyrene-d10	19.44	212	114013	18.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	120304	17.77	ng/ul	0.00

Target Compounds

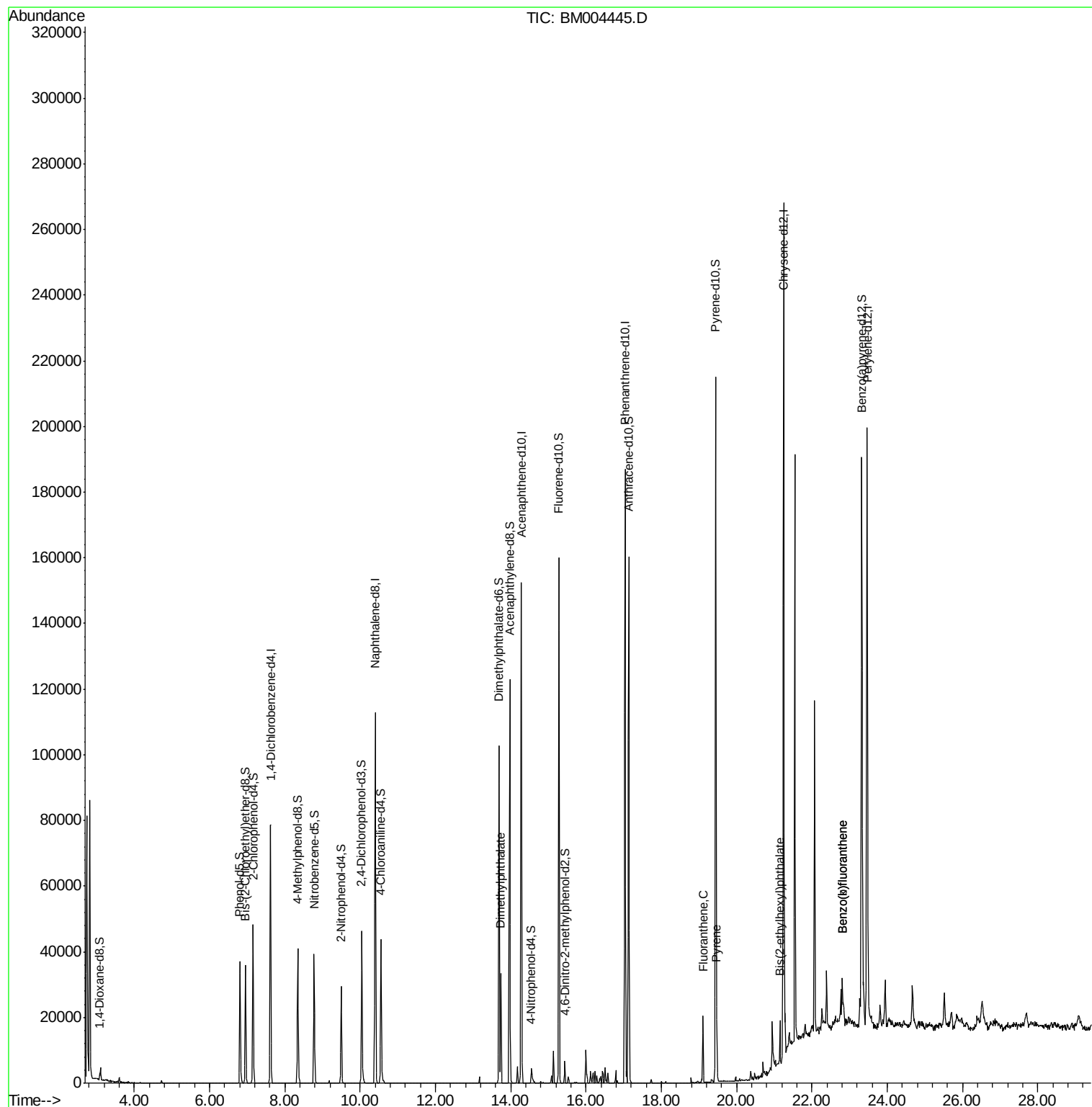
						Qvalue
45) Dimethylphthalate	13.73	163	25916	5.31	ng/ul	99
77) Fluoranthene	19.10	202	13963	1.75	ng/ul	99
80) Pyrene	19.47	202	12653	1.50	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	5710	1.04	ng/ul#	92
88) Benzo(b)fluoranthene	22.80	252	11448	1.31	ng/ul#	91
89) Benzo(k)fluoranthene	22.80	252	11448	1.39	ng/ul#	90

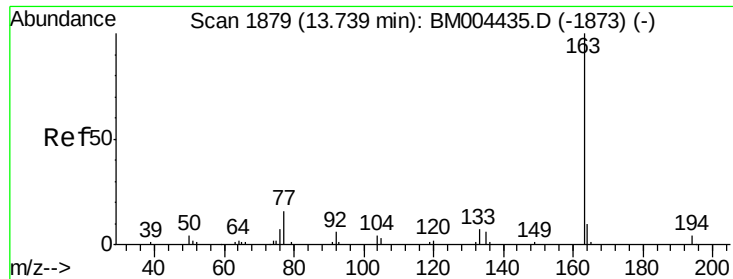
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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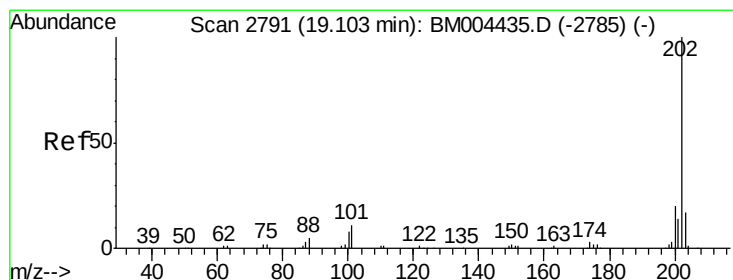
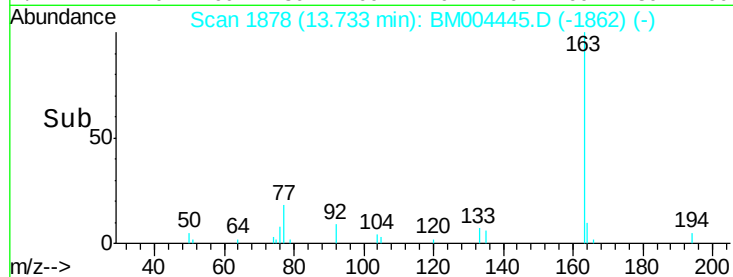
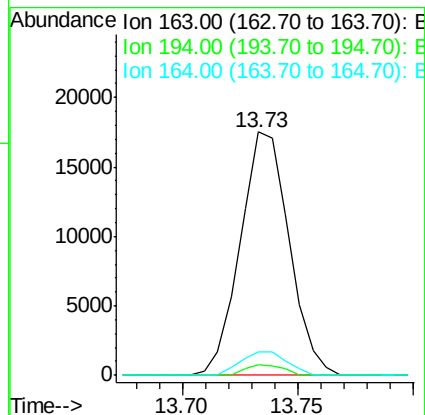
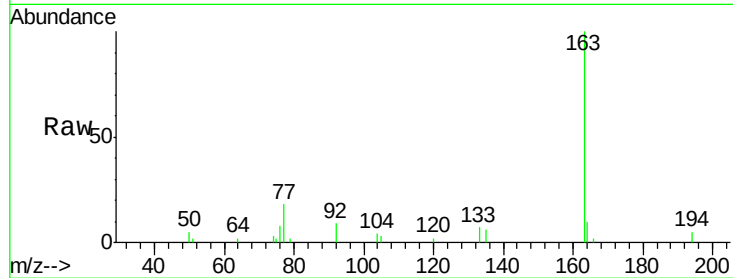




#45
Dimethylphthalate
Concen: 5.31 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM004445.D
Acq: 27 Feb 2016 02:40

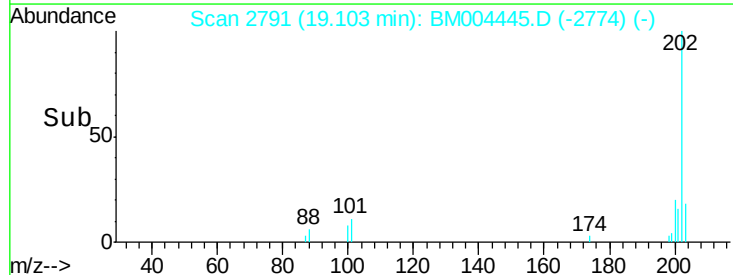
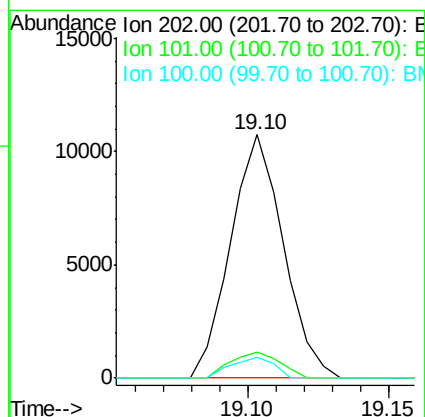
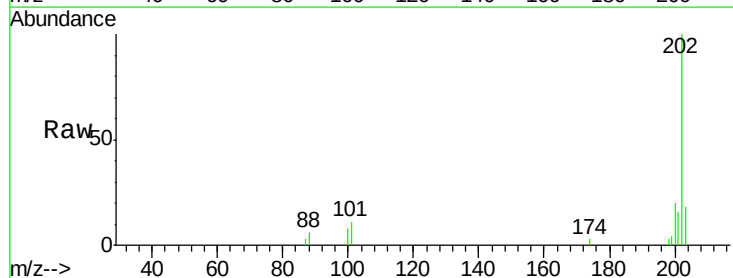
Instrument :
BNA_M
ClientSampleId :
D9R40

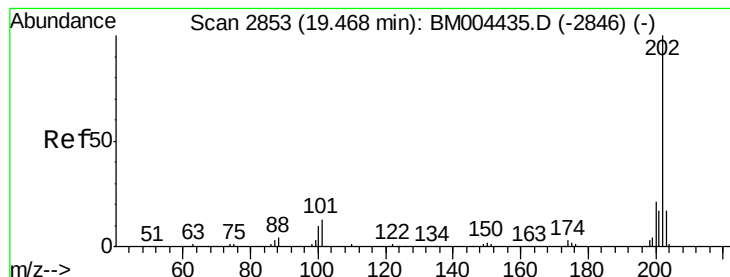
Tgt Ion:163 Resp: 25916
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 9.8 7.8 11.8



#77
Fluoranthene
Concen: 1.75 ng/ul
RT: 19.10 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004445.D
Acq: 27 Feb 2016 02:40

Tgt Ion:202 Resp: 13963
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.5 6.6 9.8





#80

Pyrene

Concen: 1.50 ng/ul

RT: 19.47 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM004445.D

Acq: 27 Feb 2016 02:40

Instrument :

BNA_M

ClientSampleId :

D9R40

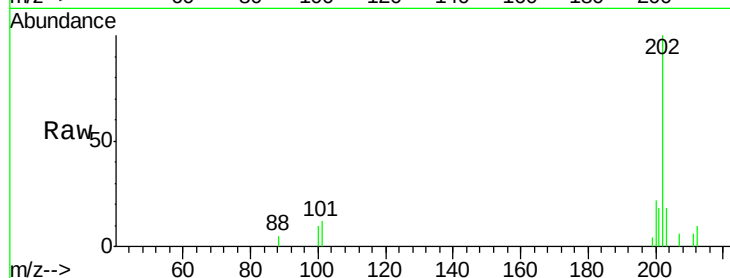
Tgt Ion: 202 Resp: 12653

Ion Ratio Lower Upper

202 100

101 12.5 10.2 15.2

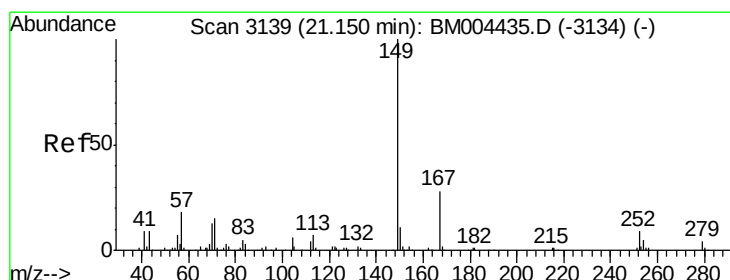
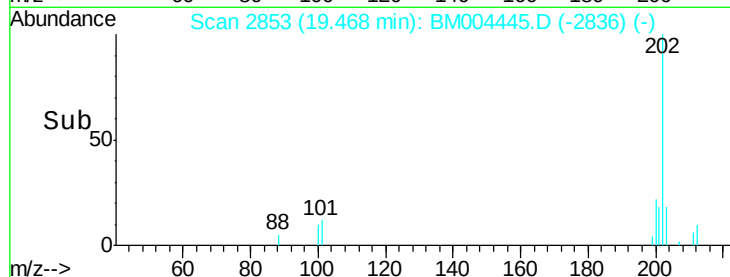
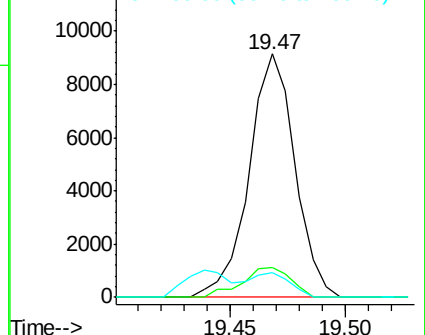
100 10.2 8.5 12.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.04 ng/ul

RT: 21.15 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BM004445.D

Acq: 27 Feb 2016 02:40

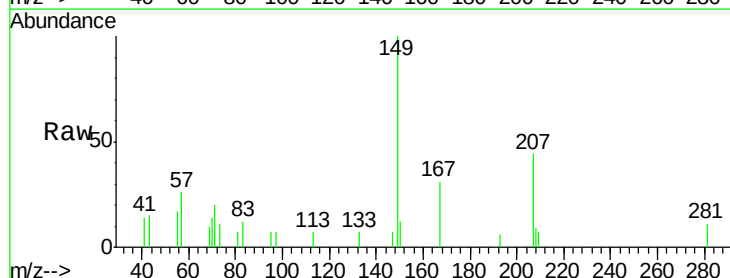
Tgt Ion: 149 Resp: 5710

Ion Ratio Lower Upper

149 100

167 30.6 21.6 32.4

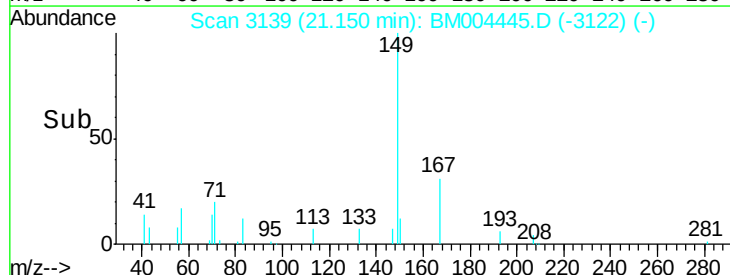
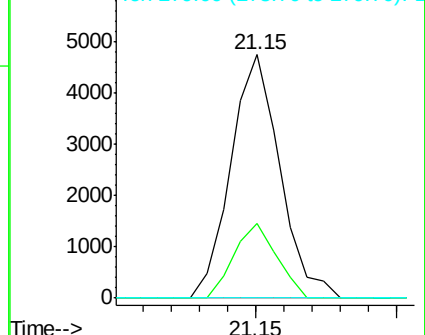
279 0.0 3.0 4.4#

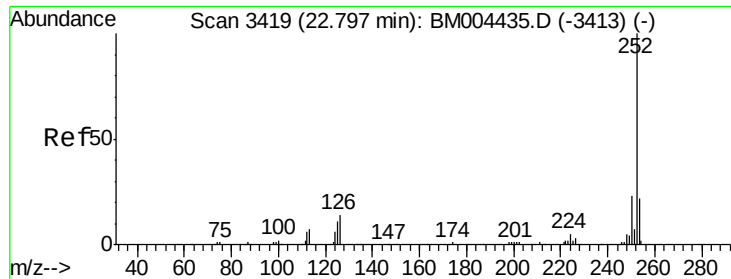


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

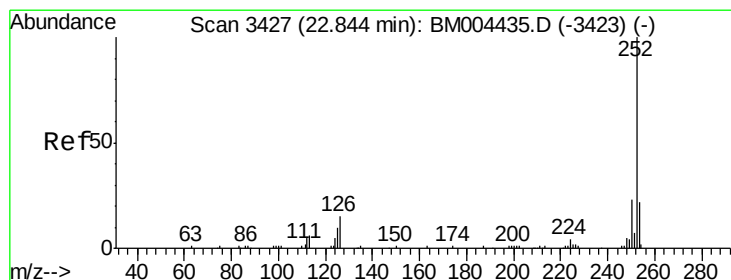
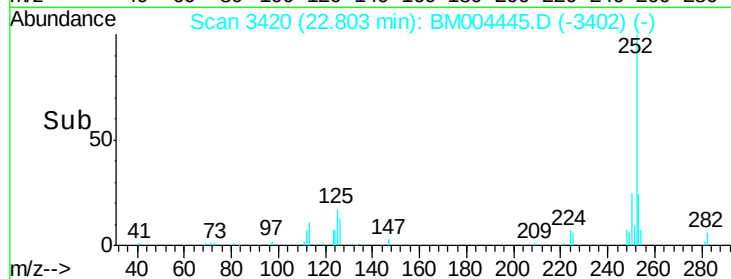
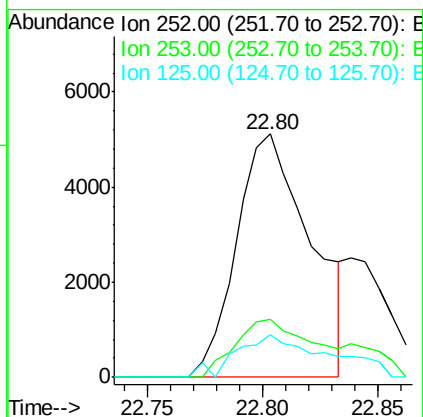
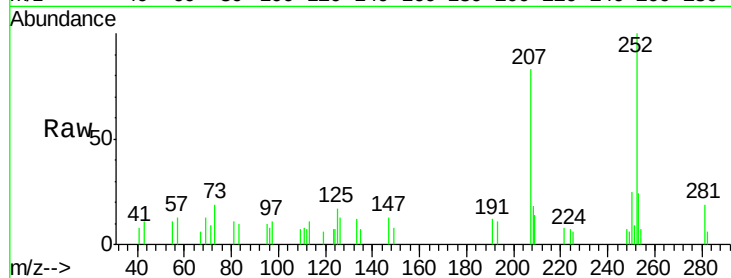




#88
Benzo(b)fluoranthene
Concen: 1.31 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. 0.01 min
Lab File: BM004445.D
Acq: 27 Feb 2016 02:40

Instrument :
BNA_M
ClientSampleId :
D9R40

Tgt Ion:252 Resp: 11448
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 17.5 8.5 12.7#



#89
Benzo(k)fluoranthene
Concen: 1.39 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.04 min
Lab File: BM004445.D
Acq: 27 Feb 2016 02:40

Tgt Ion:252 Resp: 11448
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 17.5 8.2 12.2#

