

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006423.D
 Acq On : 14 Jul 2016 22:22
 Operator : UM/SJ
 Sample : H3990-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ72

Quant Time: Jul 15 05:11:22 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 04:34:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	107456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	452146	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	284836	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	707655	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	913208	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	970535	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.14	96	4771	1.87	ng/uL	0.00
5) Phenol-d5	6.80	99	235122	26.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	148058	27.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	189557	26.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	185352	26.49	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	92581	27.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104153	26.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	185377	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	239661	31.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	659998	28.31	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	774311	26.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	95285	23.53	ng/ul	0.00
57) Fluorene-d10	15.27	176	572962	27.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	84667	20.68	ng/ul	0.00
70) Anthracene-d10	17.12	188	924938	27.65	ng/ul	0.00
76) Pyrene-d10	19.42	212	1126489	27.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1298485	29.26	ng/ul	0.00

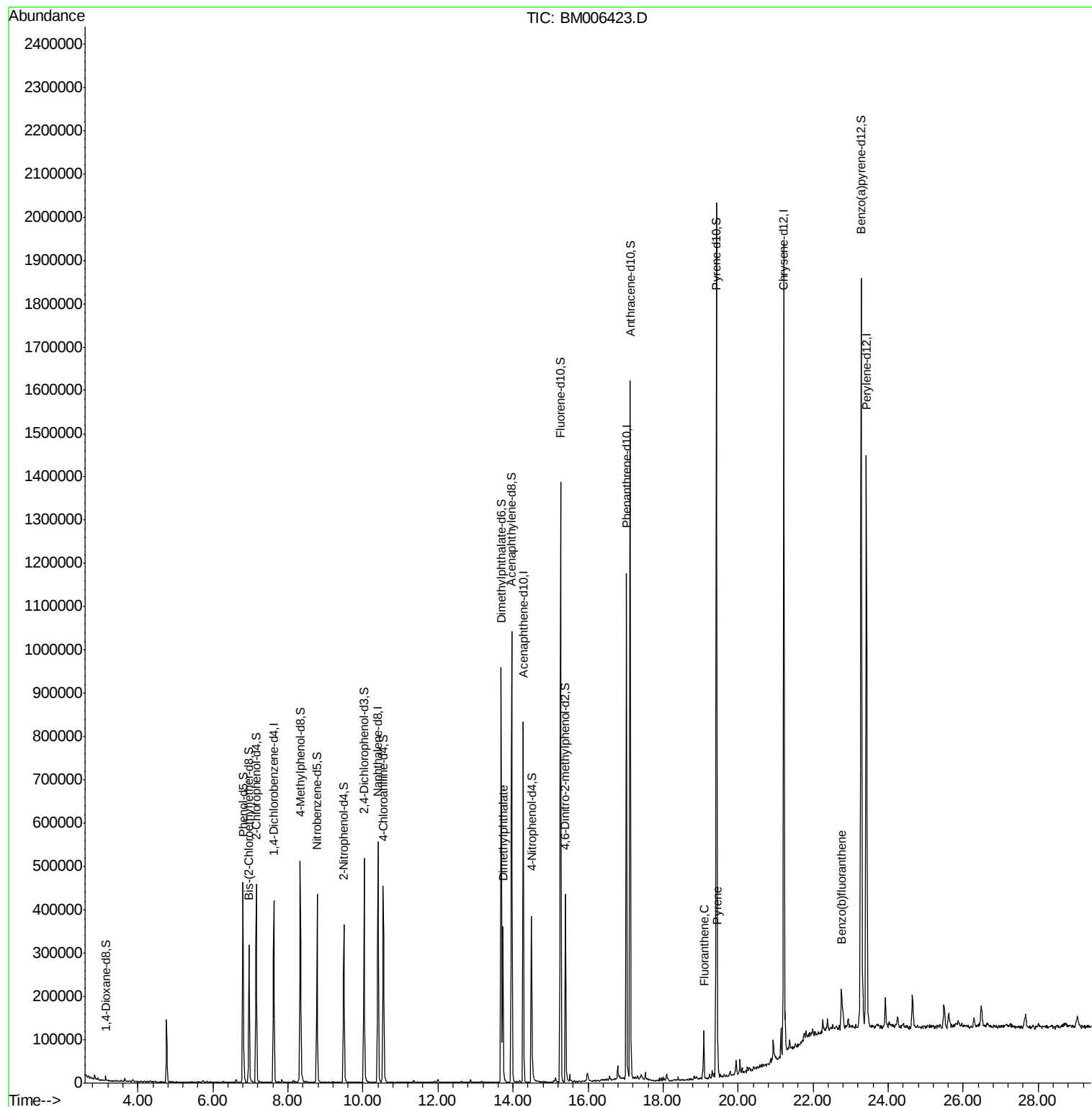
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.73	163	228442	9.66	ng/ul	98
74) Fluoranthene	19.09	202	66136	1.46	ng/ul	98
77) Pyrene	19.45	202	63882	1.17	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	65938	1.14	ng/ul	96

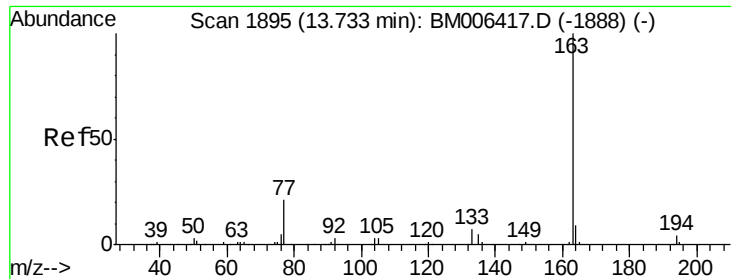
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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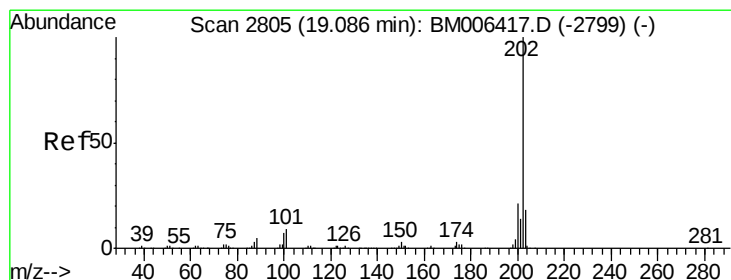
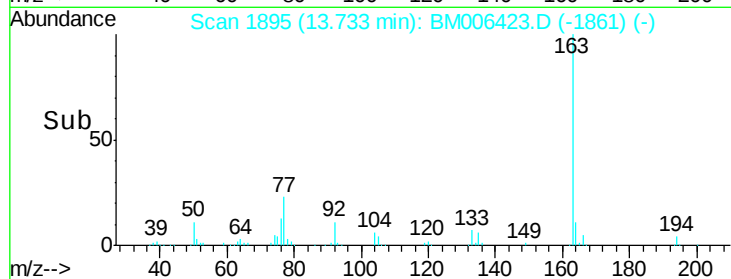
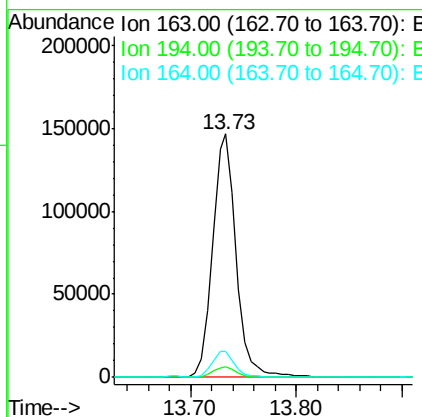
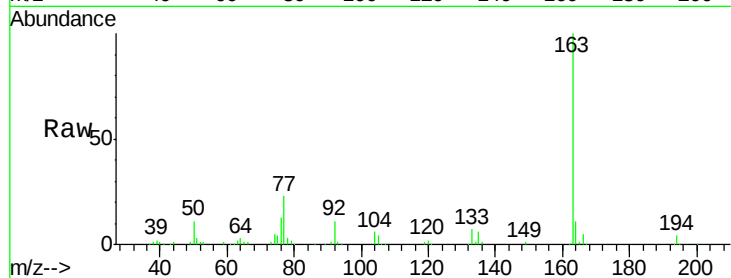




#44
Dimethylphthalate
Concen: 9.66 ng/ul
RT: 13.73 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BM006423.D
Acq: 14 Jul 2016 22:22

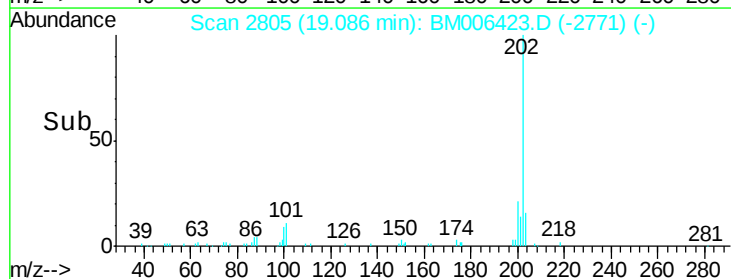
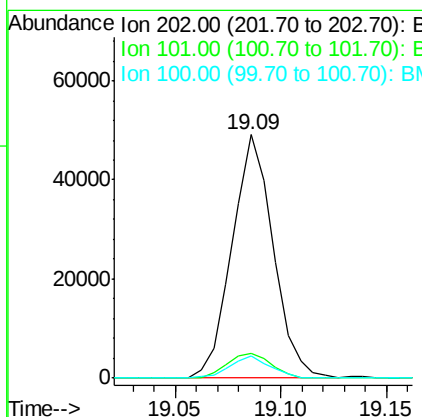
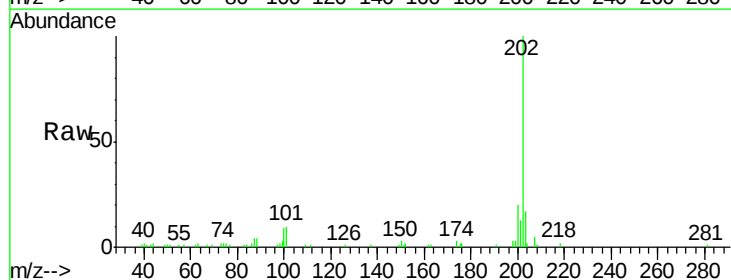
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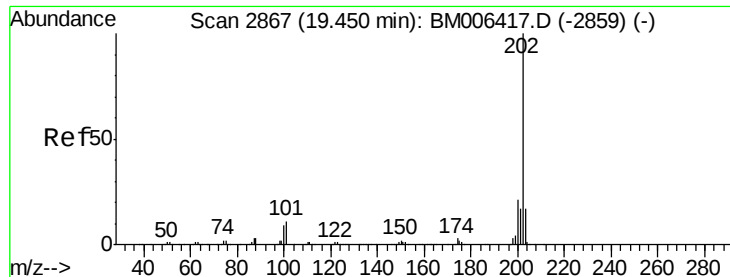
Tot Ion:163 Resp: 228442
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.6 7.8 11.8



#74
Fluoranthene
Concen: 1.46 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006423.D
Acq: 14 Jul 2016 22:22

Tgt Ion:202 Resp: 66136
Ion Ratio Lower Upper
202 100
101 10.4 8.6 12.8
100 9.1 6.4 9.6





#77

Pvrene

Concen: 1.17 ng/ul

RT: 19.45 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

Instrument :

BNA_M

ClientSampleId :

BDJ72

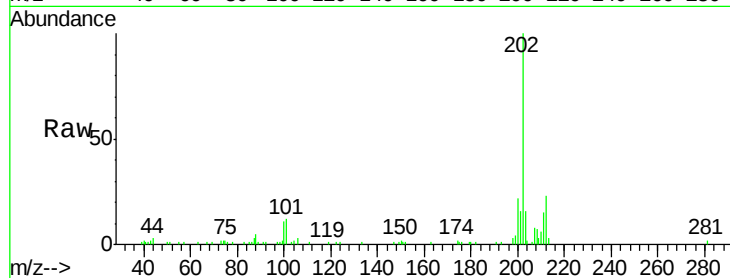
Tot Ion:202 Resp: 63882

Ion Ratio Lower Upper

202 100

101 12.0 10.0 15.0

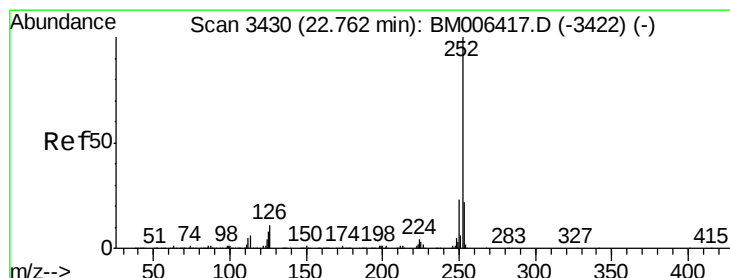
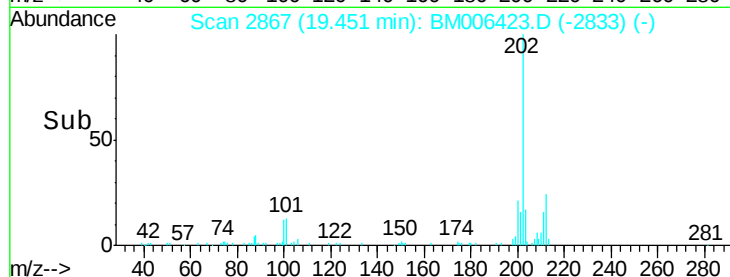
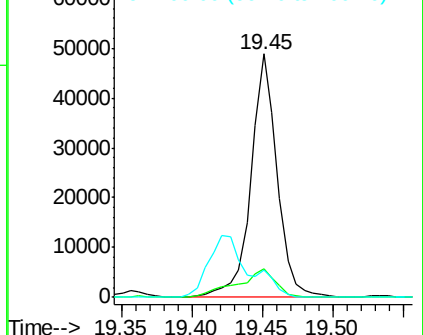
100 11.0 7.9 11.9



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



#85

Benzo(b)fluoranthene

Concen: 1.14 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BM006423.D

Acq: 14 Jul 2016 22:22

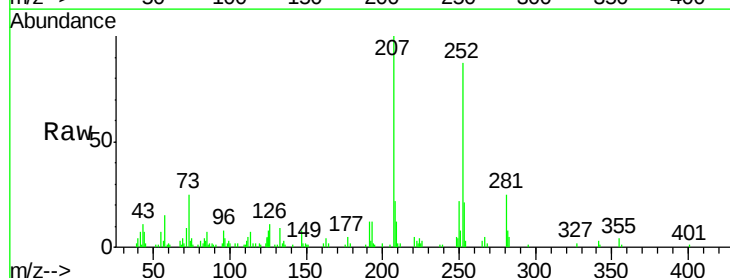
Tgt Ion:252 Resp: 65938

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 8.9 6.7 10.1



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

