

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022516\
 Data File : BM004415.D
 Acq On : 26 Feb 2016 01:10
 Operator : SJ/UM
 Sample : H1572-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S47-0003

Quant Time: Feb 26 03:56:34 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 03:49:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	24474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	110725	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	62290	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	130701	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	133475	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	132207	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.08	96	1364	2.94	ng/uL	0.00
5) Phenol-d5	6.80	99	32162	15.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	17558	16.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	29442	16.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	27785	15.15	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	14125	16.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	16060	16.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	28567	16.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	35615	16.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	96501	18.06	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	116841	18.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	9170	10.68	ng/ul	0.01
58) Fluorene-d10	15.27	176	83175	18.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	9078	11.31	ng/ul	0.00
71) Anthracene-d10	17.13	188	123454	19.28	ng/ul	0.00
79) Pyrene-d10	19.44	212	135385	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	136954	19.74	ng/ul	0.00

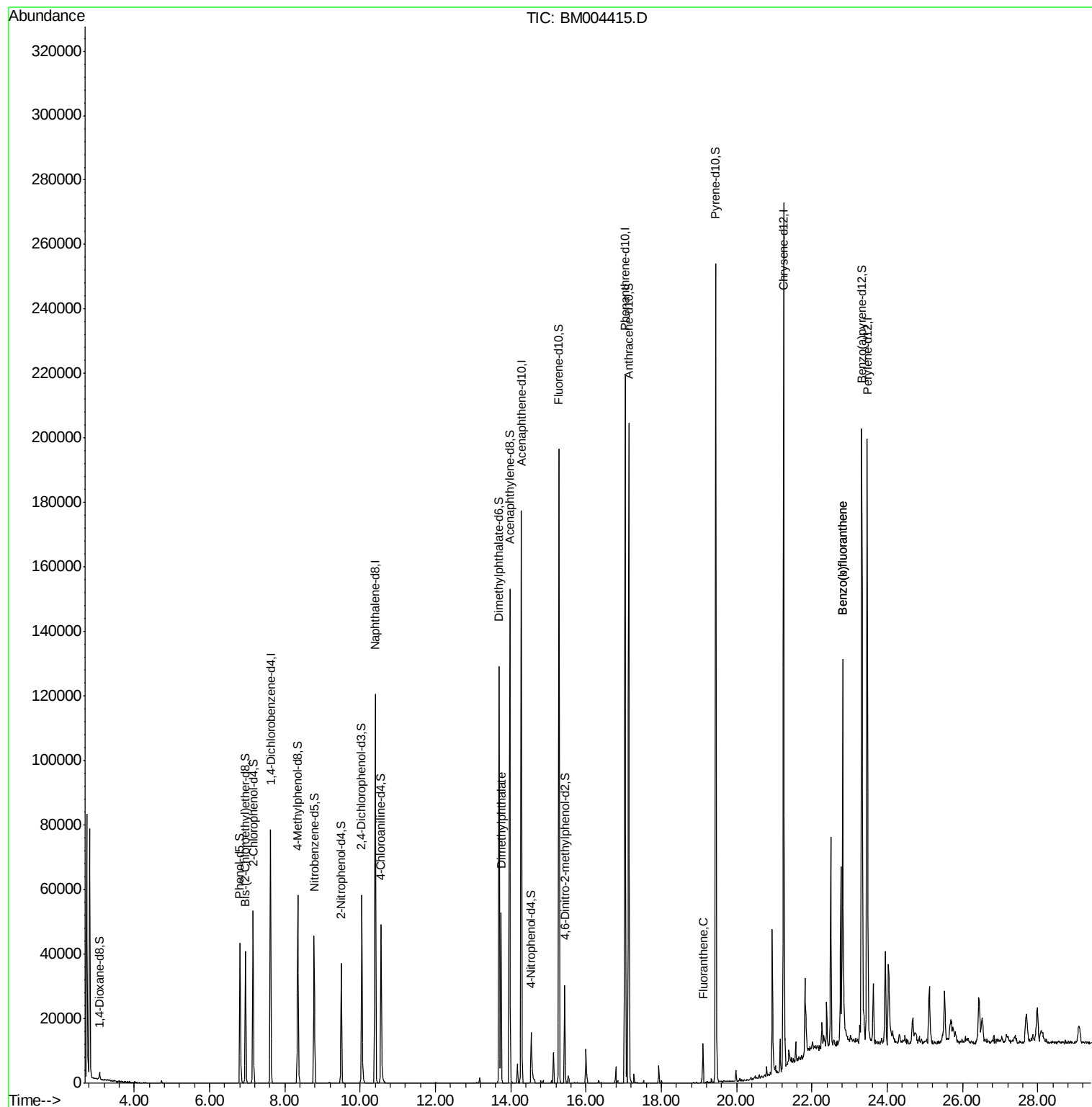
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.74	163	40503	7.27	ng/ul	99
77) Fluoranthene	19.10	202	9405	1.06	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	9795	1.10	ng/ul#	45
89) Benzo(k)fluoranthene	22.80	252	9795	1.16	ng/ul#	45

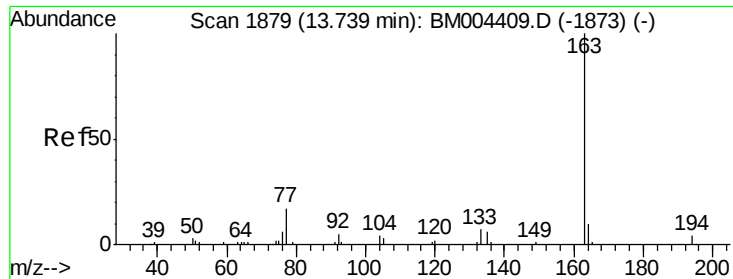
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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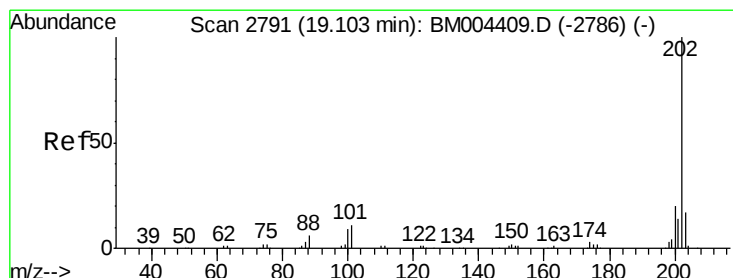
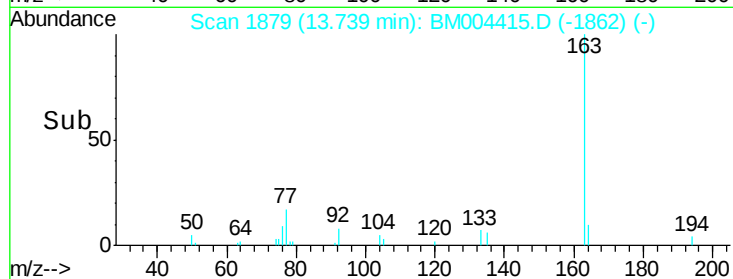
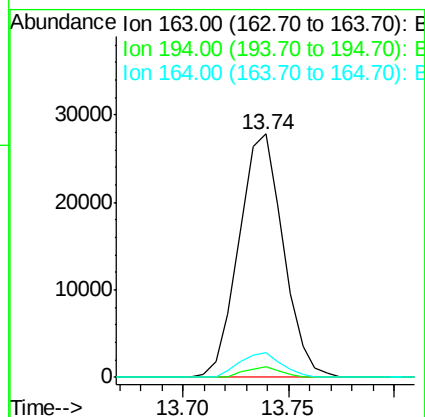
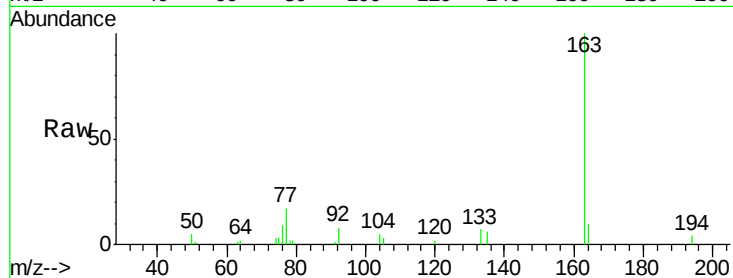




#45
Dimethylphthalate
Concen: 7.27 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BM004415.D
Acq: 26 Feb 2016 01:10

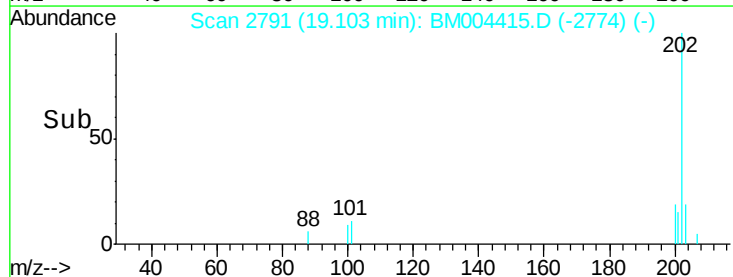
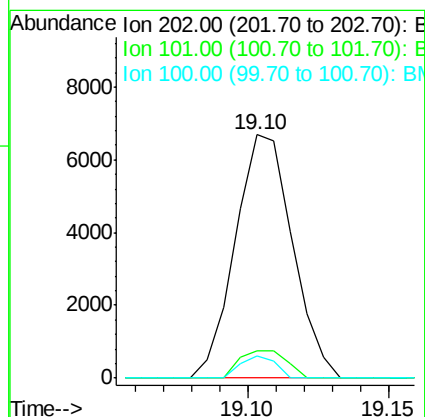
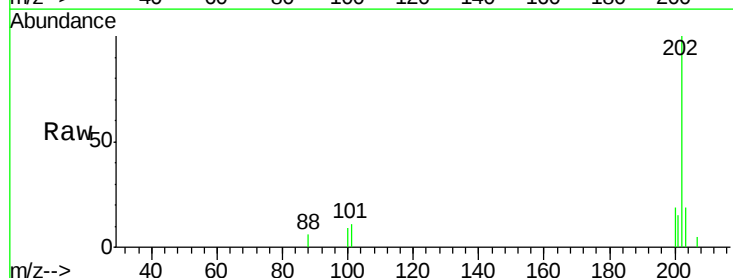
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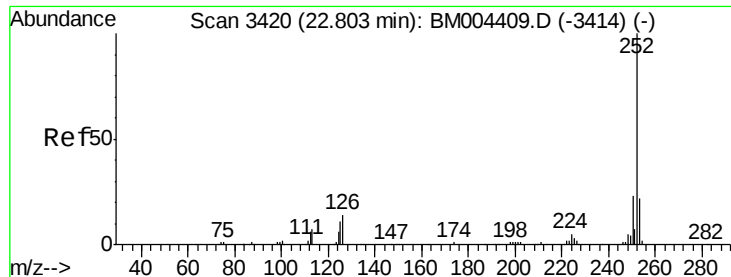
Tgt Ion:163 Resp: 40503
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.1 7.8 11.8



#77
Fluoranthene
Concen: 1.06 ng/ul
RT: 19.10 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM004415.D
Acq: 26 Feb 2016 01:10

Tgt Ion:202 Resp: 9405
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 9.3 6.6 9.8





#88

Benzo(b)fluoranthene

Concen: 1.10 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.00 min

Lab File: BM004415.D

Acq: 26 Feb 2016 01:10

Instrument :

BNA_M

ClientSampleId :

0311-S47-0003

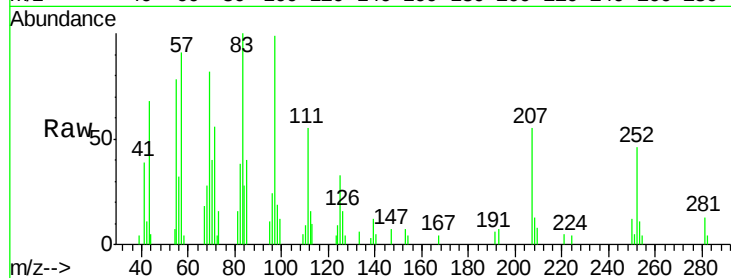
Tgt Ion:252 Resp: 9795

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

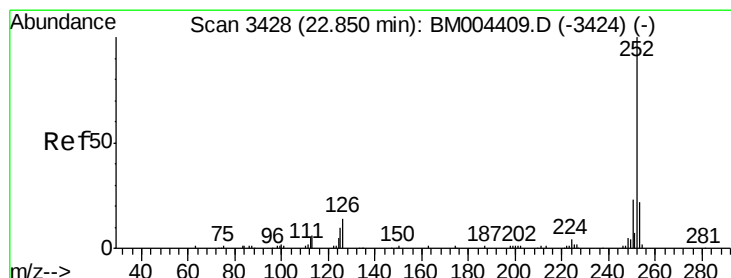
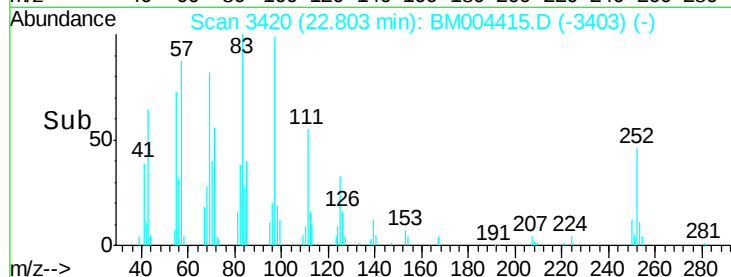
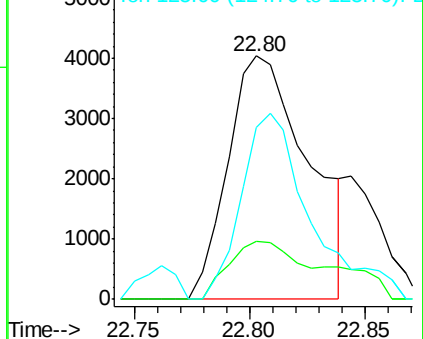
125 70.9 8.5 12.7#



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



#89

Benzo(k)fluoranthene

Concen: 1.16 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.05 min

Lab File: BM004415.D

Acq: 26 Feb 2016 01:10

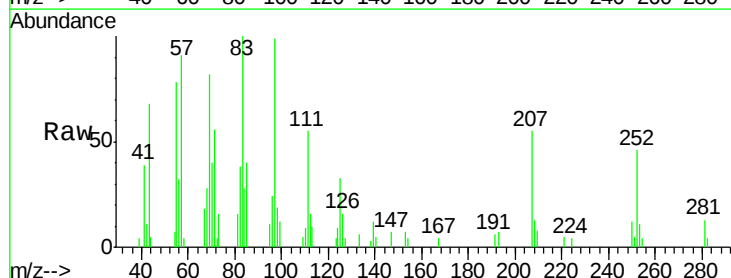
Tgt Ion:252 Resp: 9795

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 70.9 8.2 12.2#



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

