

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
 Data File : BM004252.D
 Acq On : 13 Feb 2016 06:15
 Operator : SJ/IZ
 Sample : H1414-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QD7

Quant Time: Feb 15 01:11:57 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 13 05:01:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	36099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	163574	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	91347	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	183279	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	154860	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	153068	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	1913	2.67	ng/uL	0.00
5) Phenol-d5	6.83	99	46233	15.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	25005	15.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	42610	16.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	41760	16.91	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	20623	16.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	23856	16.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	40737	16.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	19604	6.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	131791	17.34	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	161076	17.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	14510	11.80	ng/ul	0.01
58) Fluorene-d10	15.30	176	110733	17.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	15112	13.54	ng/ul	0.00
71) Anthracene-d10	17.16	188	152682	17.04	ng/ul	0.00
79) Pyrene-d10	19.46	212	143518	17.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	138238	16.92	ng/ul	0.00

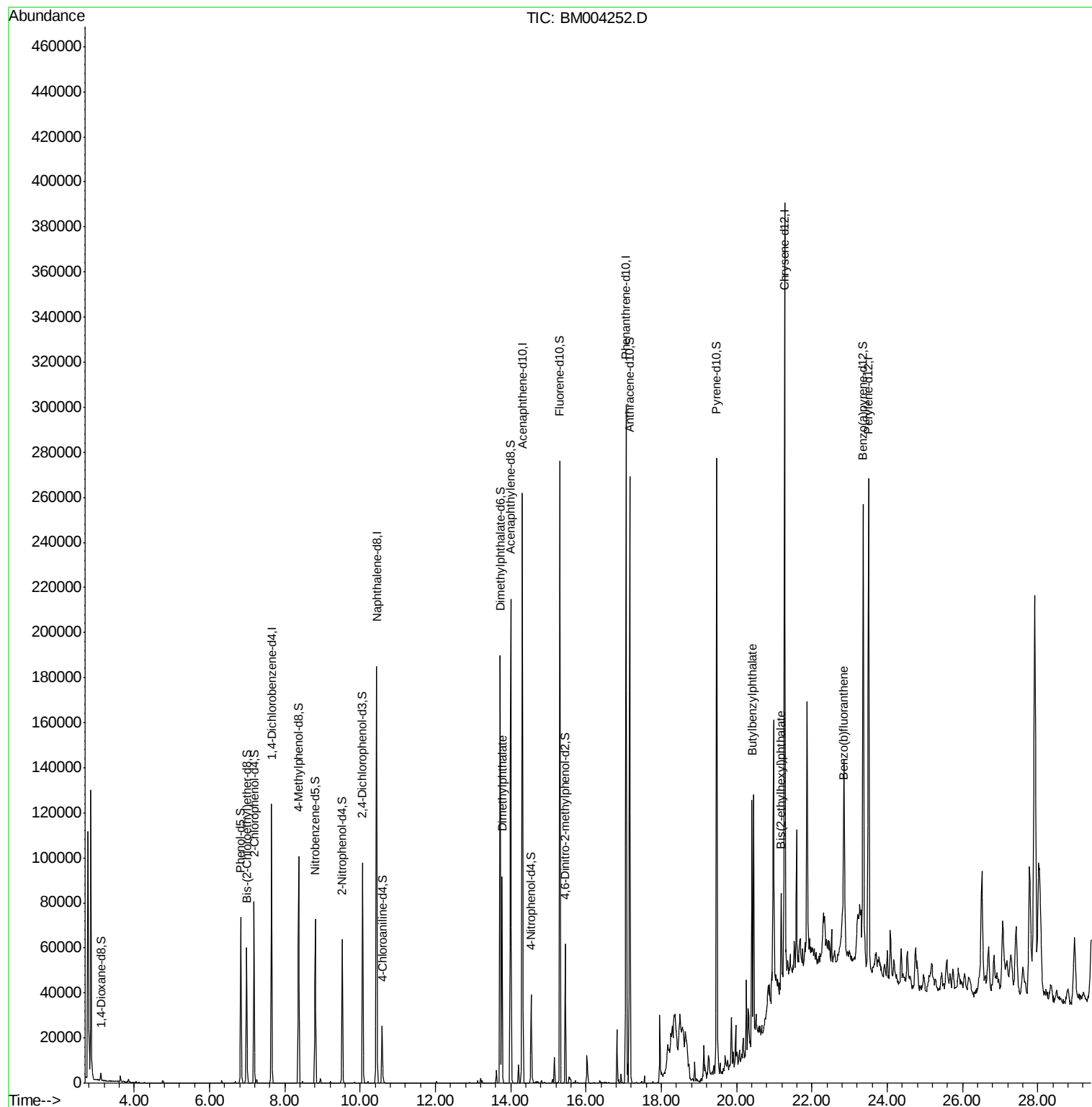
Target Compounds						Ovalue
45) Dimethylphthalate	13.76	163	61780	7.78	ng/ul	99
81) Butylbenzylphthalate	20.40	149	33132	7.39	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	14025	2.14	ng/ul#	96
88) Benzo(b)fluoranthene	22.83	252	16998	1.68	ng/ul#	86

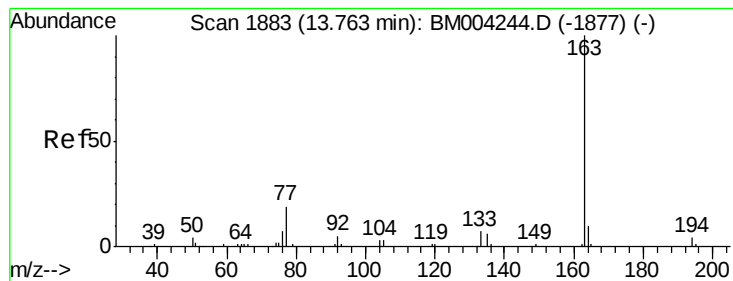
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.78 ng/ul

RT: 13.76 min Scan# 1883

Delta R.T. 0.00 min

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Acq: 13 Feb 2016 06:15

Instrument :

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ClientSampleId :

D9QD7

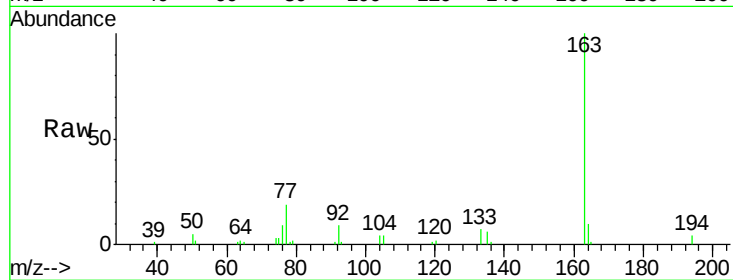
Tot Ion:163 Resp: 61780

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

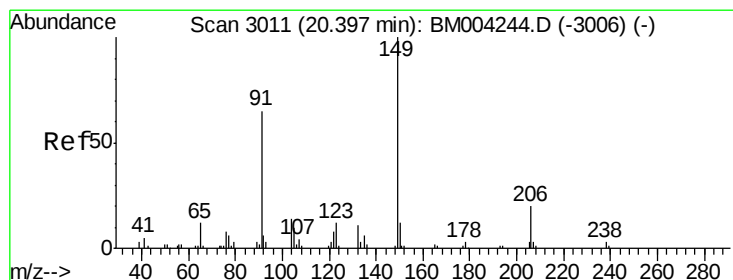
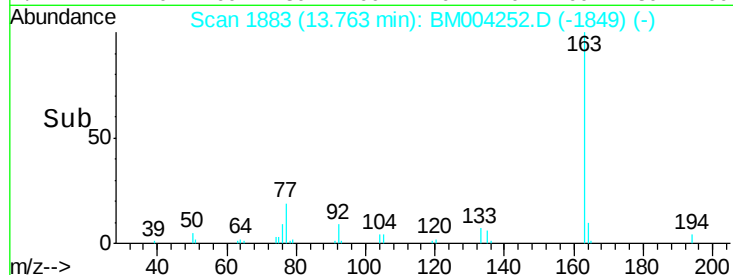
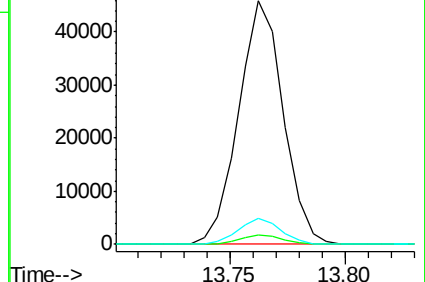
164 10.5 7.8 11.8



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



#81

Butylbenzylphthalate

Concen: 7.39 ng/ul

RT: 20.40 min Scan# 3011

Delta R.T. 0.00 min

Lab File: BM004252.D

Acq: 13 Feb 2016 06:15

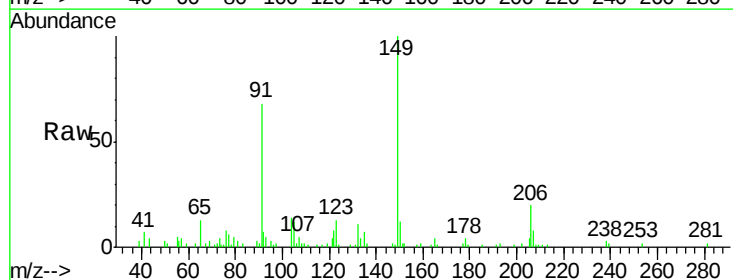
Tgt Ion:149 Resp: 33132

Ion Ratio Lower Upper

149 100

91 67.6 53.4 80.2

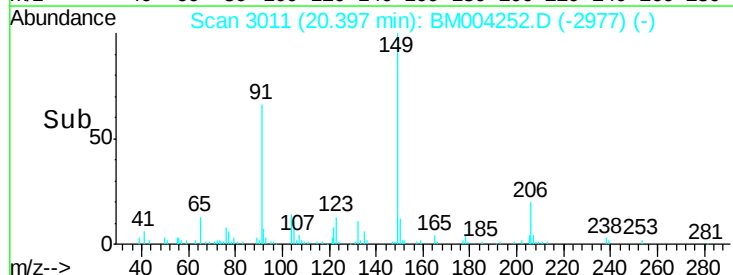
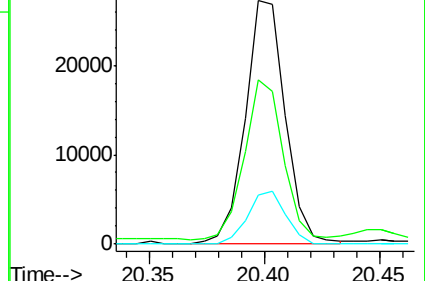
206 19.9 16.6 24.8

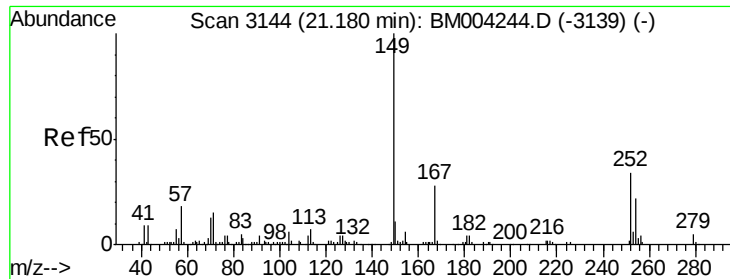


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.14 ng/ul

RT: 21.18 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BM004252.D

Acq: 13 Feb 2016 06:15

Instrument :

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ClientSampleId :

D9QD7

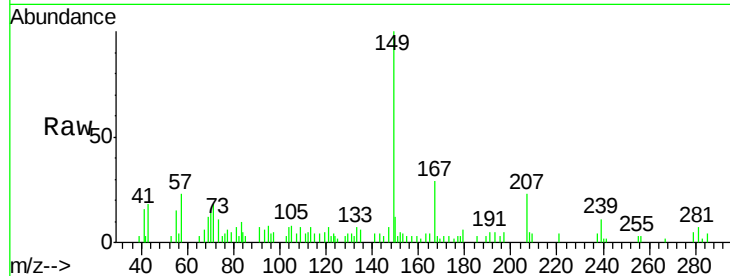
Tot Ion:149 Resp: 14025

Ion Ratio Lower Upper

149 100

167 29.2 21.6 32.4

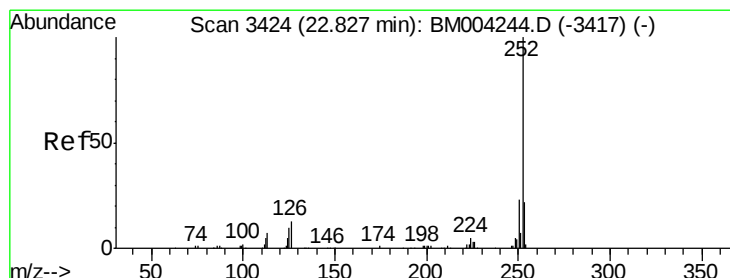
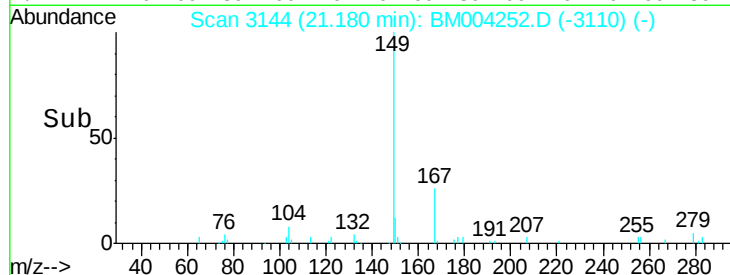
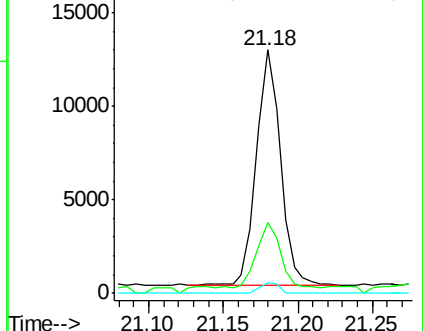
279 4.6 3.0 4.4#



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: 1.68 ng/ul

RT: 22.83 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BM004252.D

Acq: 13 Feb 2016 06:15

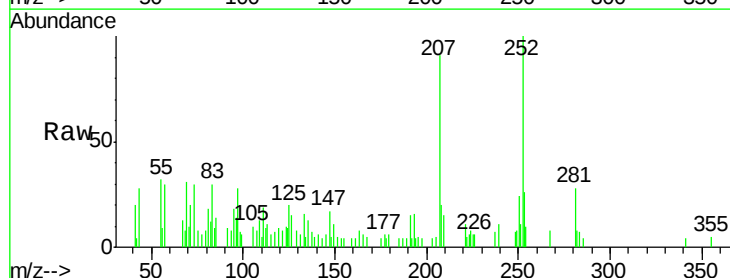
Tgt Ion:252 Resp: 16998

Ion Ratio Lower Upper

252 100

253 25.6 17.5 26.3

125 20.3 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

