

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
 Data File : BM004853.D
 Acq On : 01 Apr 2016 23:03
 Operator : UM/SJ
 Sample : PB89384BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK84

Quant Time: Apr 02 00:56:42 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 02 00:53:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	44011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	210812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	134929	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	322203	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	390975	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	407940	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	7045	6.48	ng/uL	0.00
5) Phenol-d5	6.99	99	131531	33.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	82951	39.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	107438	36.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	109964	33.48	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	56048	37.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	63232	38.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	105867	34.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	3604	0.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	418844	39.35	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	472888	37.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	71971	34.20	ng/ul	0.00
58) Fluorene-d10	15.46	176	351933	38.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	64524	33.42	ng/ul	0.00
71) Anthracene-d10	17.30	188	559256	38.79	ng/ul	0.00
79) Pyrene-d10	19.60	212	647966	38.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	757201	41.90	ng/ul	0.00

Target Compounds

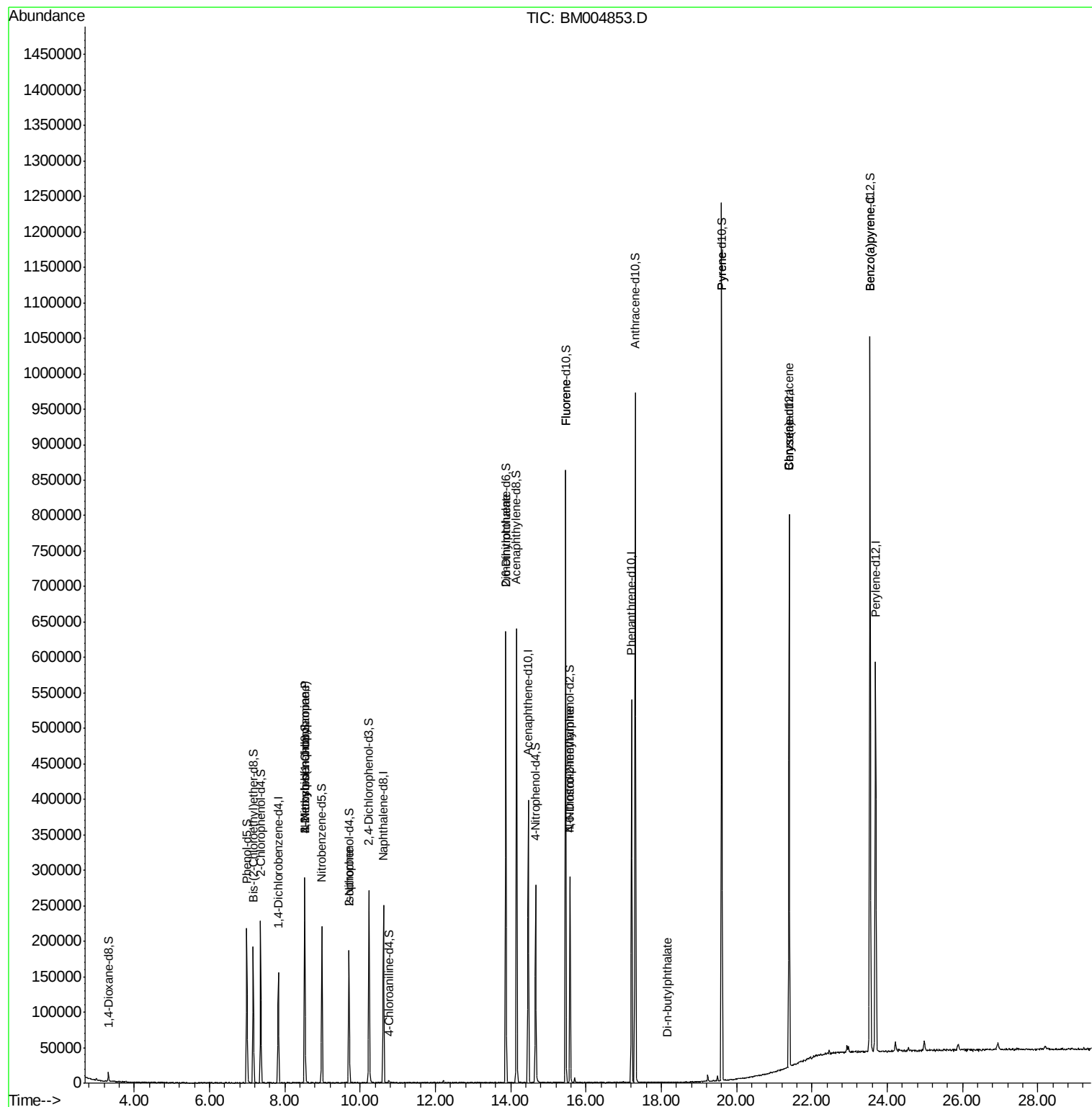
						Ovalue
12) 2,2'-oxybis(1-Chloropropan	8.53	45	582	0.15	ng/ul#	59
15) N-Nitroso-di-n-propylamine	8.52	70	2450	0.97	ng/ul#	1
21) Isophorone	9.70	82	5165	0.72	ng/ul#	64
46) 2,6-Dinitrotoluene	13.87	165	2933	1.39	ng/ul#	42
59) Fluorene	15.46	166	645	0.06	ng/ul#	9
65) N-Nitrosodiphenylamine	15.57	169	382	0.04	ng/ul#	1
76) Di-n-butylphthalate	18.17	149	464	0.02	ng/ul#	78
80) Pyrene	19.60	202	660	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.39	228	839	0.04	ng/ul#	52
85) Chrysene	21.39	228	839	0.04	ng/ul#	50
91) Benzo(a)pyrene	23.54	252	2327	0.10	ng/ul#	70

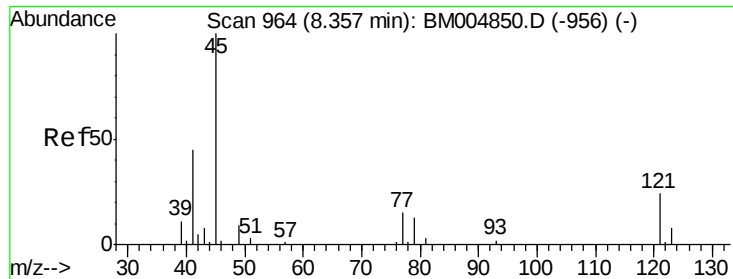
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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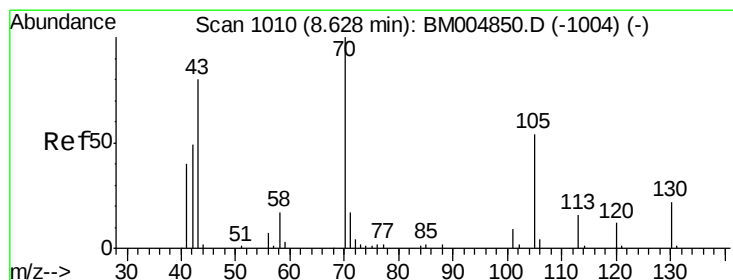
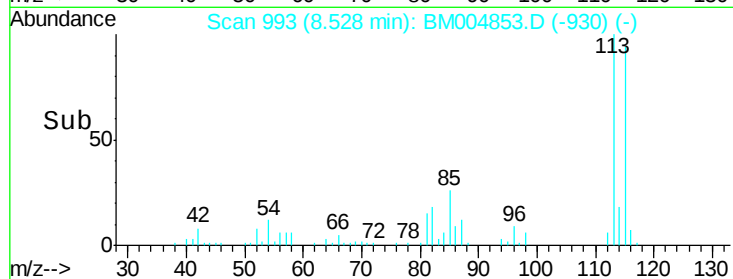
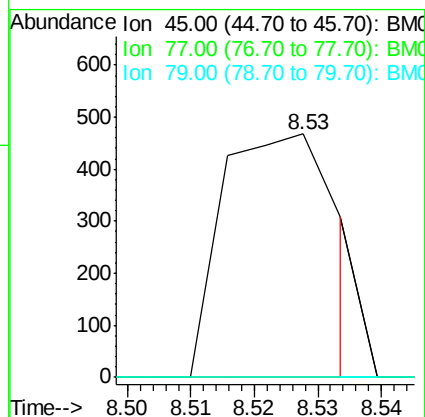
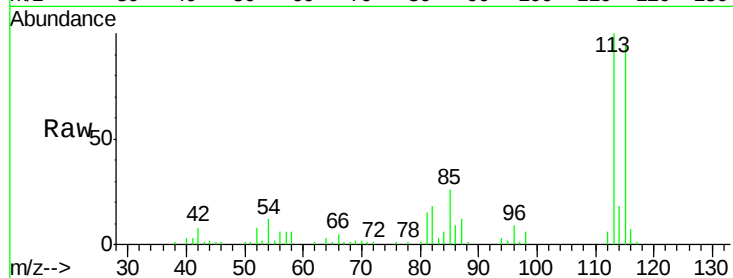




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.15 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. 0.17 min
Lab File: BM004853.D
Acq: 01 Apr 2016 23:03

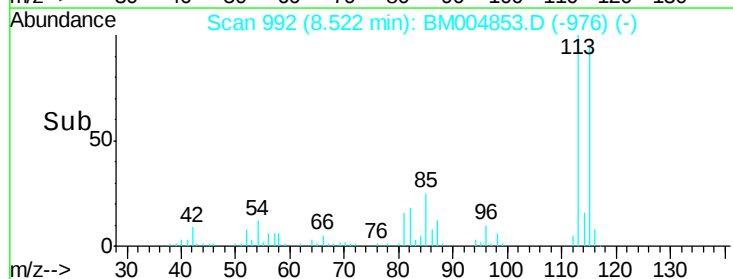
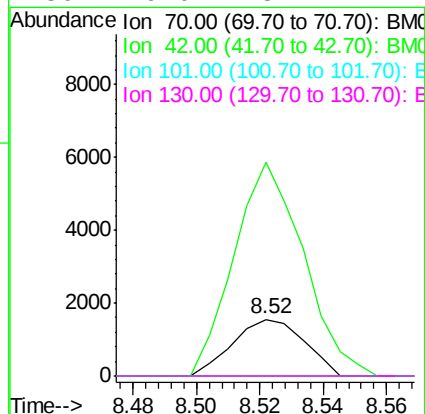
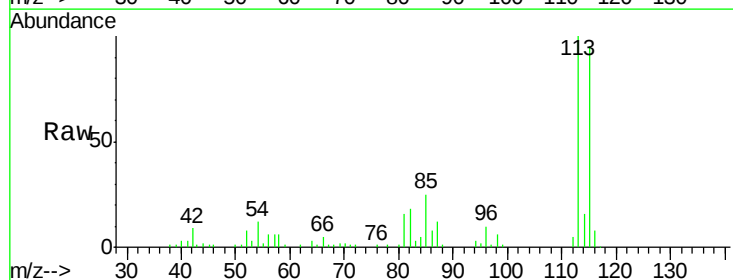
Instrument :
BNA_M
ClientSampleId :
SBLK84

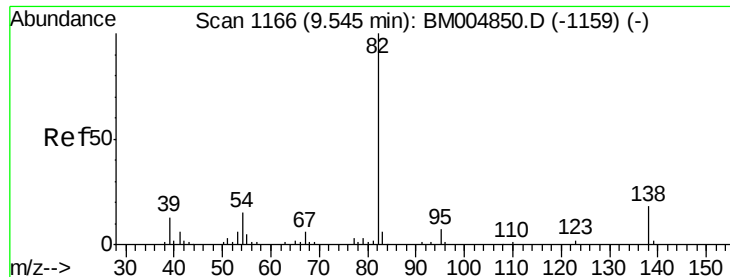
Tot Ion: 45 Resp: 582
Ion Ratio Lower Upper
45 100
77 0.0 15.9 23.9#
79 0.0 12.5 18.7#



#15
N-Nitroso-di-n-propylamine
Concen: 0.97 ng/ul
RT: 8.52 min Scan# 992
Delta R.T. -0.11 min
Lab File: BM004853.D
Acq: 01 Apr 2016 23:03

Tgt Ion: 70 Resp: 2450
Ion Ratio Lower Upper
70 100
42 378.3 35.4 53.0#
101 0.0 8.4 12.6#
130 0.0 18.2 27.4#





#21

Isophorone

Concen: 0.72 ng/ul

RT: 9.70 min Scan# 1192

Delta R.T. 0.15 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

Instrument :

BNA_M

ClientSampleId :

SBLK84

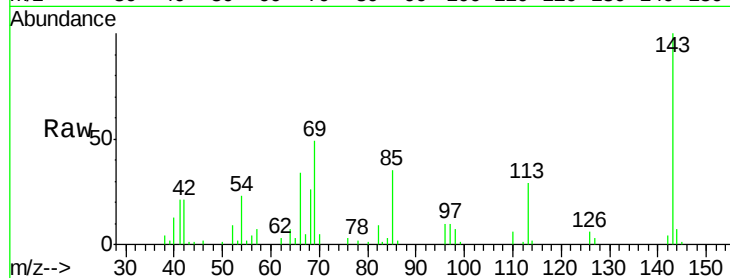
Tot Ion: 82 Resp: 5165

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

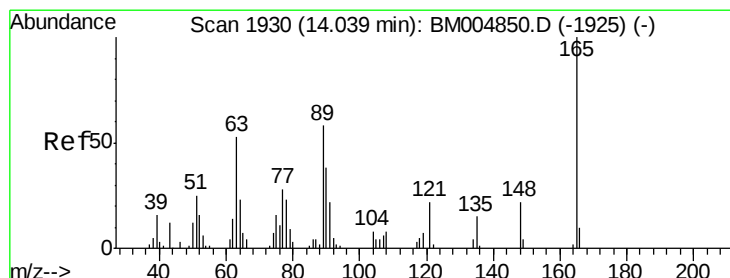
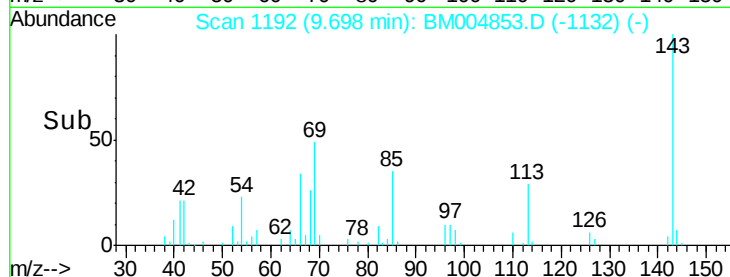
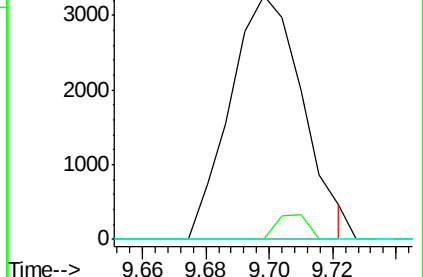
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BM004850.D (-1159) (-)

Ion 95.00 (94.70 to 95.70): BM004850.D (-1159) (-)

Ion 138.00 (137.70 to 138.70): BM004850.D (-1159) (-)



#46

2,6-Dinitrotoluene

Concen: 1.39 ng/ul

RT: 13.87 min Scan# 1901

Delta R.T. -0.17 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

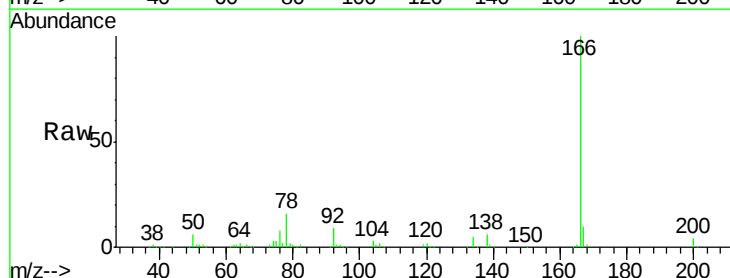
Tgt Ion: 165 Resp: 2933

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

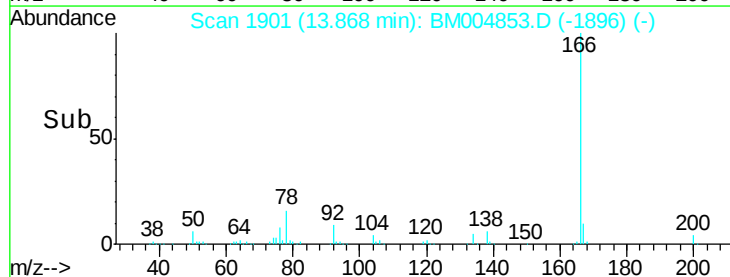
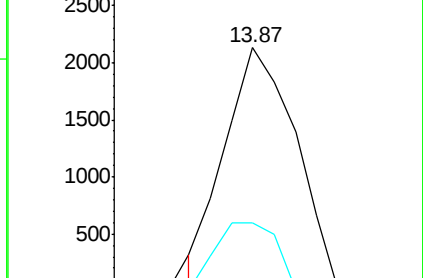
121 28.1 16.6 24.8#

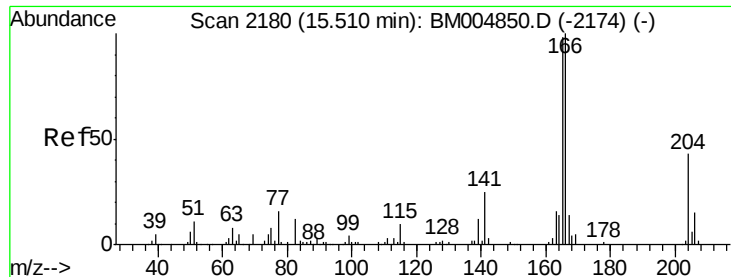


Abundance Ion 165.00 (164.70 to 165.70): BM004850.D (-1925) (-)

Ion 89.00 (88.70 to 89.70): BM004850.D (-1925) (-)

Ion 121.00 (120.70 to 121.70): BM004850.D (-1925) (-)





#59

Fluorene

Concen: 0.06 ng/ul

RT: 15.46 min Scan# 2171

Delta R.T. -0.05 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

Instrument :

BNA_M

ClientSampleId :

SBLK84

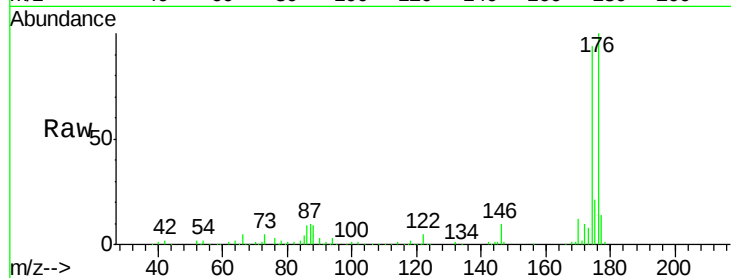
Tot Ion:166 Resp: 645

Ion Ratio Lower Upper

166 100

165 0.0 78.5 117.7#

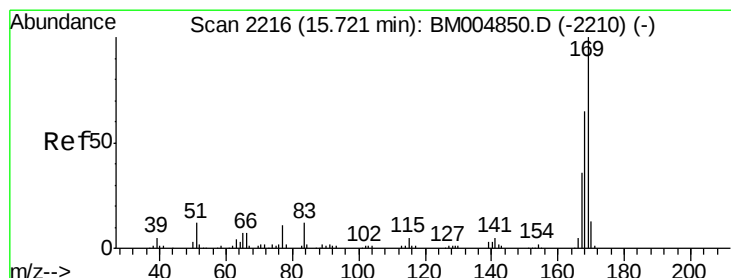
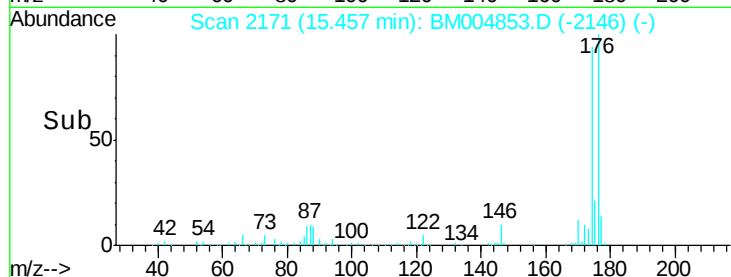
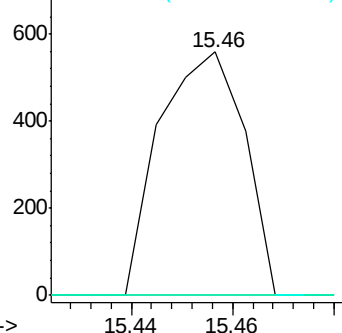
167 0.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#65

N-Nitrosodiphenylamine

Concen: 0.04 ng/ul

RT: 15.57 min Scan# 2190

Delta R.T. -0.15 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

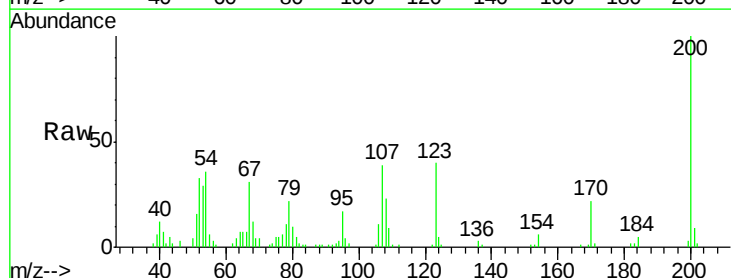
Tgt Ion:169 Resp: 382

Ion Ratio Lower Upper

169 100

168 0.0 53.8 80.8#

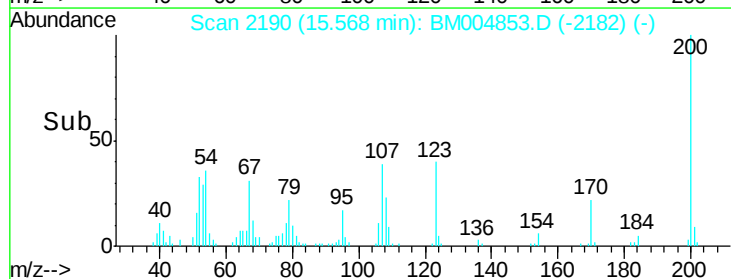
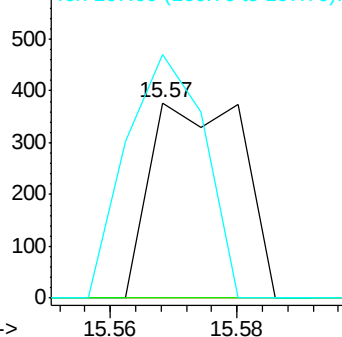
167 124.7 29.3 43.9#

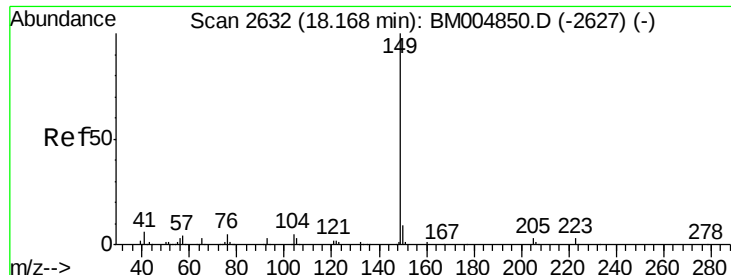


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

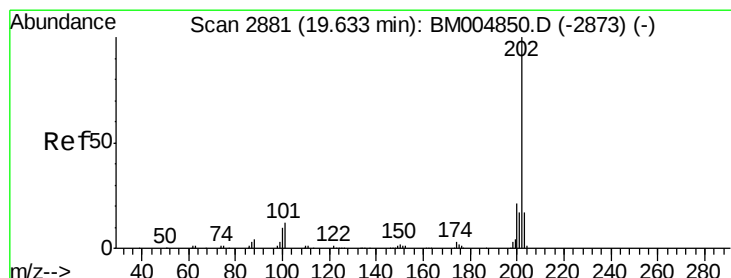
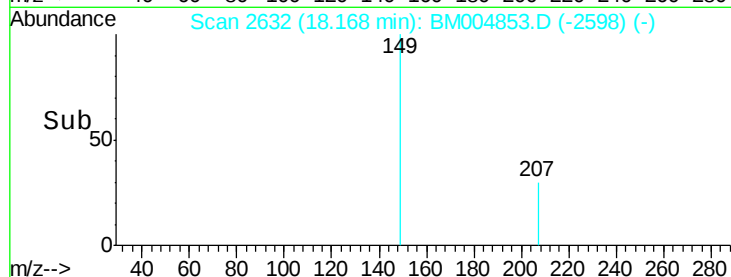
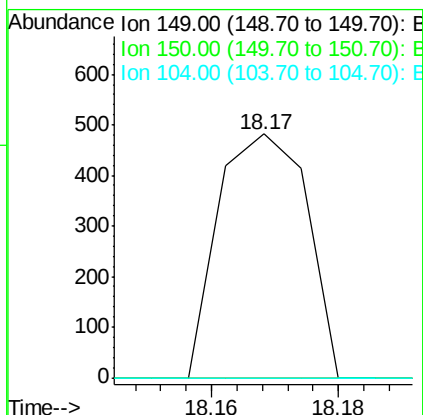
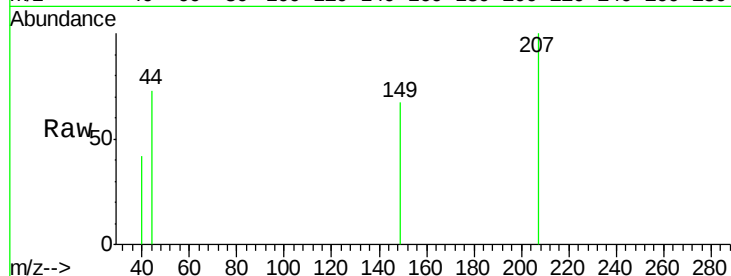




#76
Di-n-butylphthalate
Concen: 0.02 ng/ul
RT: 18.17 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BM004853.D
Acq: 01 Apr 2016 23:03

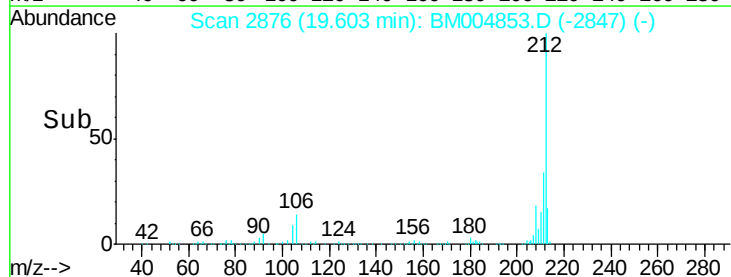
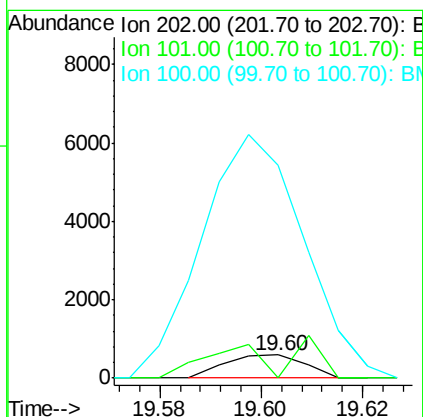
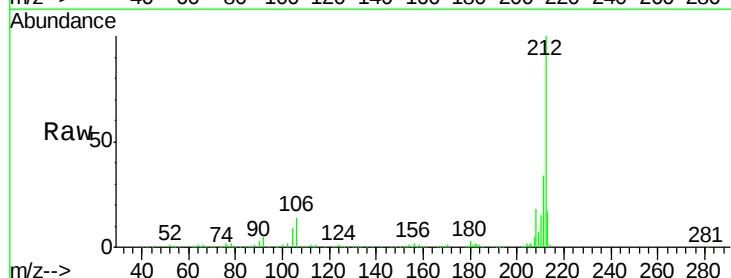
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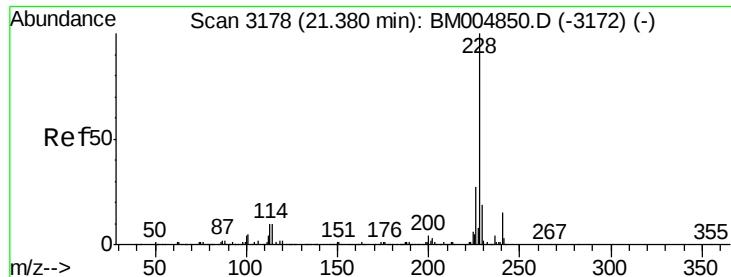
Tot Ion:149 Resp: 464
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.0 6.0#



#80
Pyrene
Concen: 0.03 ng/ul
RT: 19.60 min Scan# 2876
Delta R.T. -0.03 min
Lab File: BM004853.D
Acq: 01 Apr 2016 23:03

Tgt Ion:202 Resp: 660
Ion Ratio Lower Upper
202 100
101 0.0 10.2 15.2#
100 913.8 8.5 12.7#





#83

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.39 min Scan# 3180

Delta R.T. 0.01 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

Instrument :

BNA_M

ClientSampleId :

SBLK84

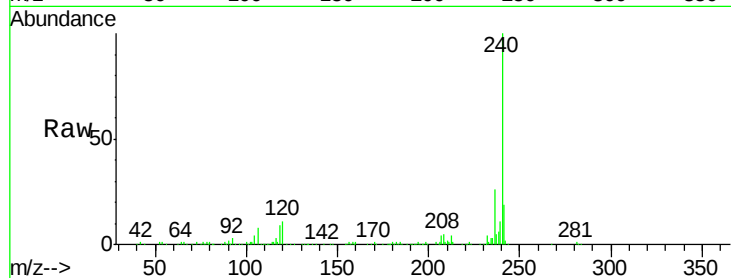
Tot Ion:228 Resp: 839

Ion Ratio Lower Upper

228 100

229 0.0 15.7 23.5#

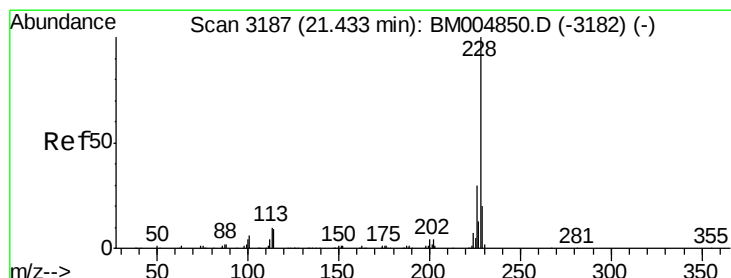
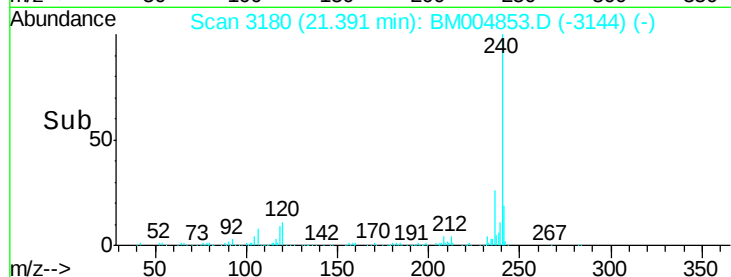
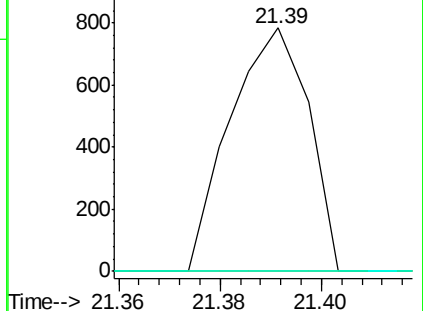
226 0.0 21.8 32.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 0.04 ng/ul

RT: 21.39 min Scan# 3180

Delta R.T. -0.04 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

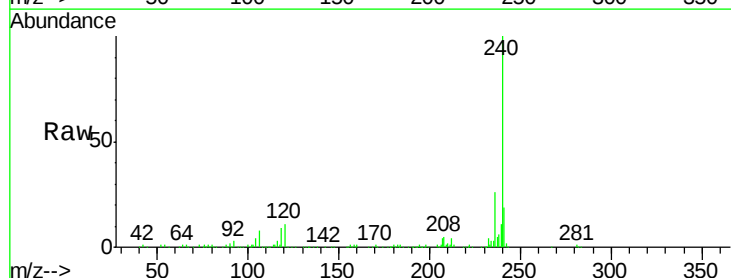
Tgt Ion:228 Resp: 839

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

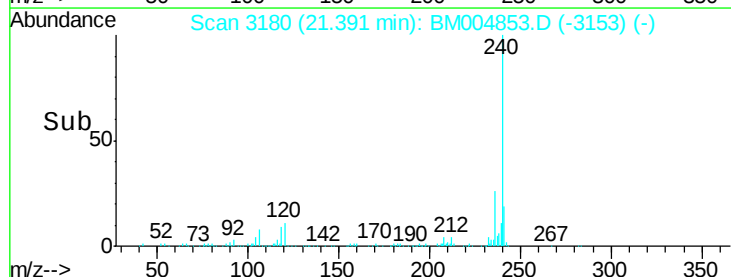
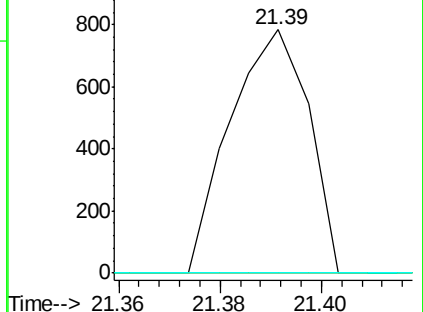
229 0.0 15.6 23.4#

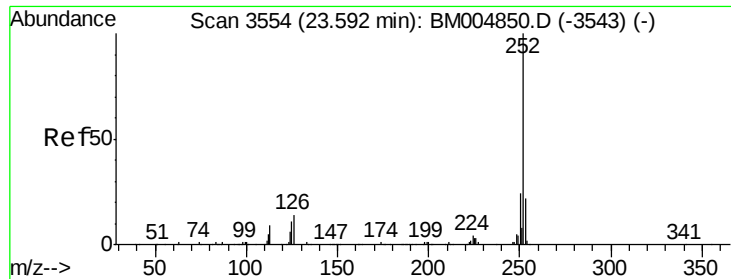


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.54 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BM004853.D

Acq: 01 Apr 2016 23:03

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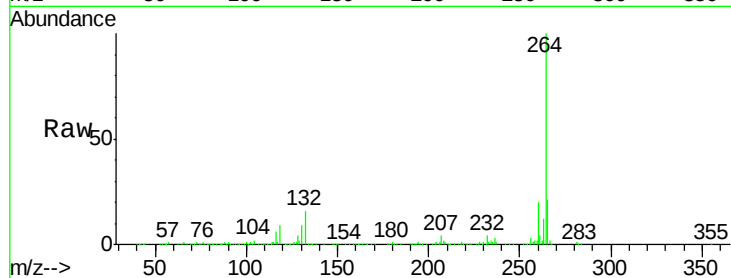
Tot Ion: 252 Resp: 2327

Ion Ratio Lower Upper

252 100

253 33.8 17.2 25.8#

125 25.1 9.0 13.6#



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

