

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071116\
 Data File : BM006402.D
 Acq On : 11 Jul 2016 19:24
 Operator : UM/SJ
 Sample : H3914-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TS1MS

Manual Integrations

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Quant Time: Jul 12 01:22:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 12 00:59:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	115771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	477527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	273042	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	641348	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	795359	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	849884	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1523	0.56	ng/uL	0.01
5) Phenol-d5	6.81	99	71710	6.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	183468	28.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	196008	23.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	130423	14.87	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	117495	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	130833	30.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	220339	28.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2320	0.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.69	166	783636	34.39	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	955606	33.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	29483	6.83	ng/ul	0.00
57) Fluorene-d10	15.28	176	677605	34.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	118018	31.41	ng/ul	0.00
70) Anthracene-d10	17.13	188	1113856	36.40	ng/ul	0.00
76) Pyrene-d10	19.43	212	1305558	34.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1478736	37.45	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.84	94	67158	5.96	ng/ul	97
10) 2-Chlorophenol	7.20	128	171167	19.93	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	172574	22.60	ng/ul	96
33) 4-Chloro-3-methylphenol	11.71	107	204586	21.67	ng/ul	96
49) Acenaphthene	14.34	153	539932	28.70	ng/ul	98
52) 4-Nitrophenol	14.52	109	28380m	6.54	ng/ul	
54) 2,4-Dinitrotoluene	14.66	165	205565	29.31	ng/ul	95
68) Pentachlorophenol	16.69	266	119295	28.32	ng/ul	98
77) Pyrene	19.46	202	1438685	28.84	ng/ul#	94

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

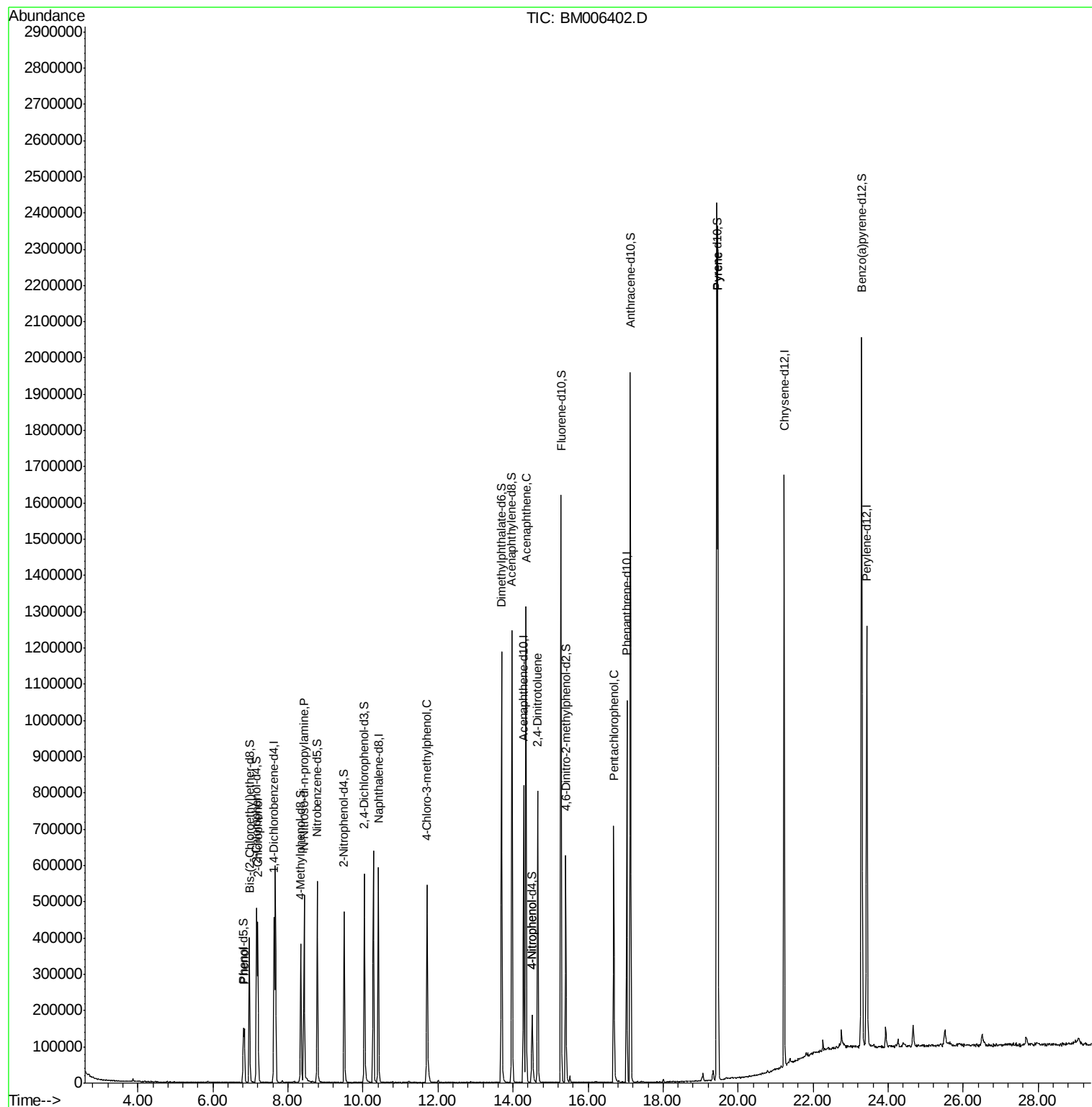
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071116\
Data File : BM006402.D
Acq On : 11 Jul 2016 19:24
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ALS Vial : 7 Sample Multiplier: 1

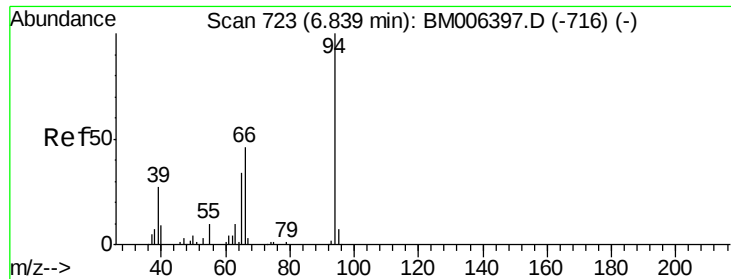
Instrument :
BNA_M
ClientSampleId :
A4TS1MS

Manual Integrations

Quant Time: Jul 12 01:22:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 12 00:59:35 2016
Response via : Initial Calibration

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#6

Phenol

Concen: 5.96 ng/ul

RT: 6.84 min Scan# 723

Delta R.T. 0.00 min

Lab File: BM006402.D

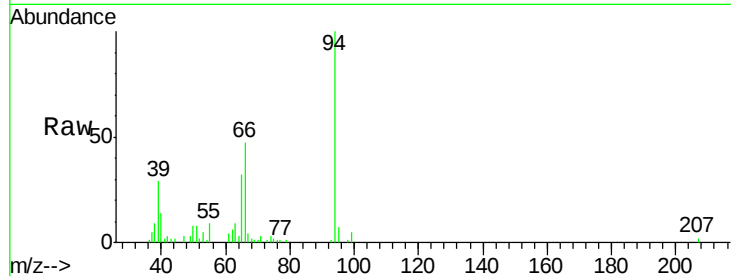
Acq: 11 Jul 2016 19:24

Instrument :

BNA_M

ClientSampleId :

A4TS1MS



Tgt Ion: 94 Resp: 67158

Ion Ratio Lower Upper

94 100

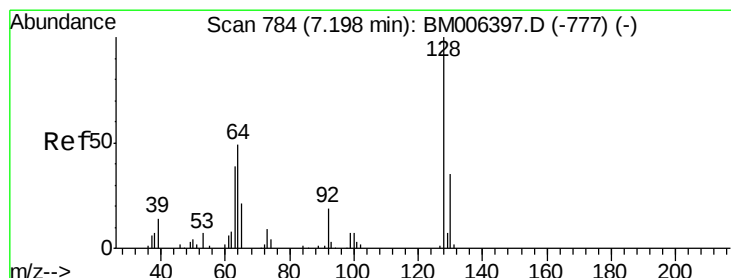
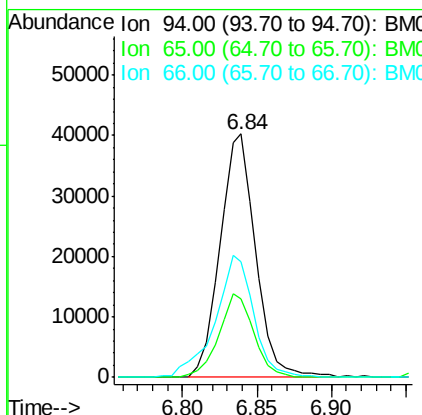
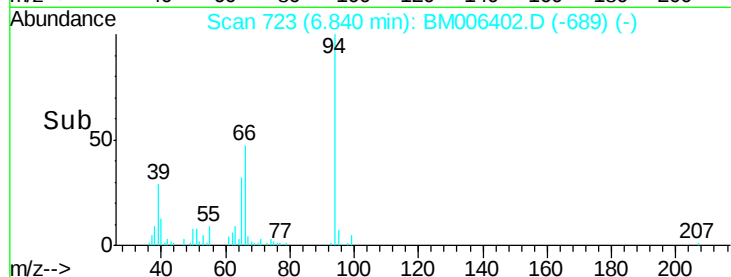
65 32.3 25.8 38.8

66 47.5 35.7 53.5

Manual Integrations

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#10

2-Chlorophenol

Concen: 19.93 ng/ul

RT: 7.20 min Scan# 784

Delta R.T. 0.00 min

Lab File: BM006402.D

Acq: 11 Jul 2016 19:24

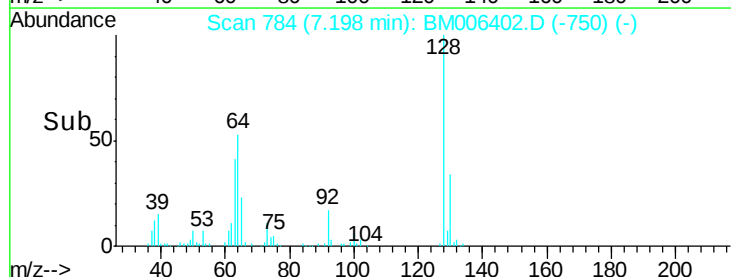
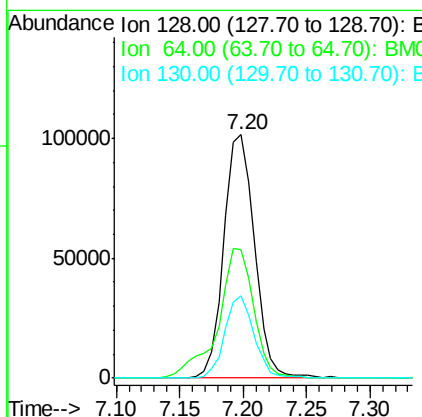
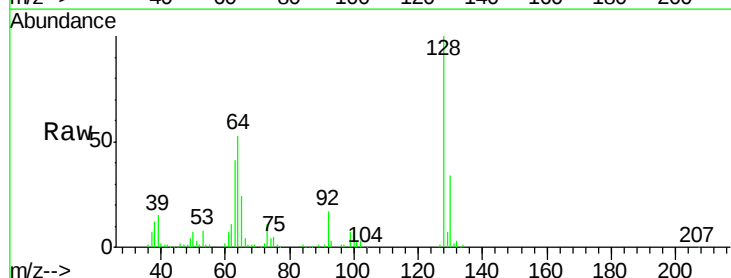
Tgt Ion: 128 Resp: 171167

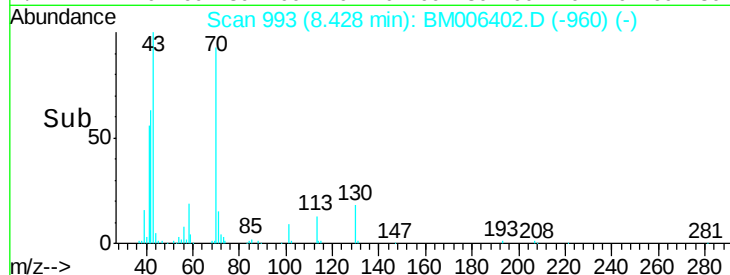
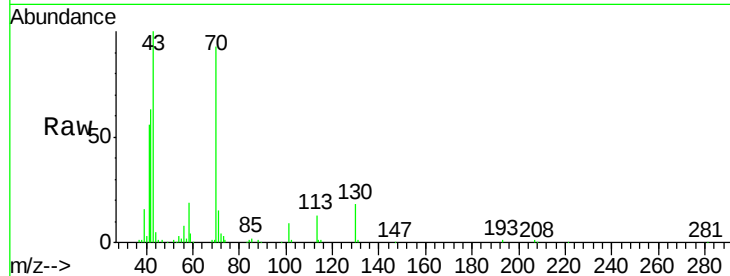
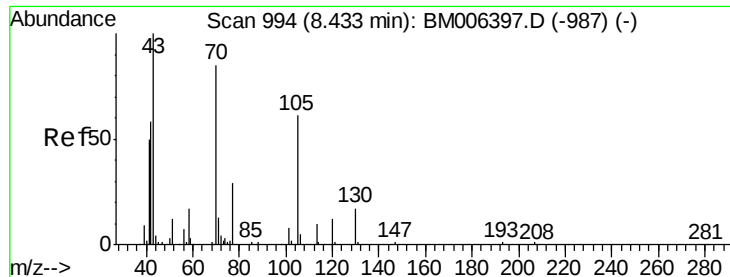
Ion Ratio Lower Upper

128 100

64 52.5 42.6 63.8

130 33.7 25.6 38.4





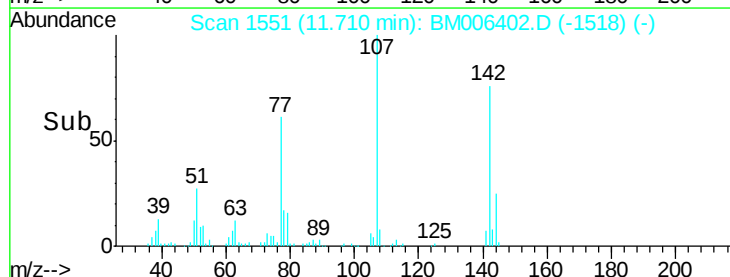
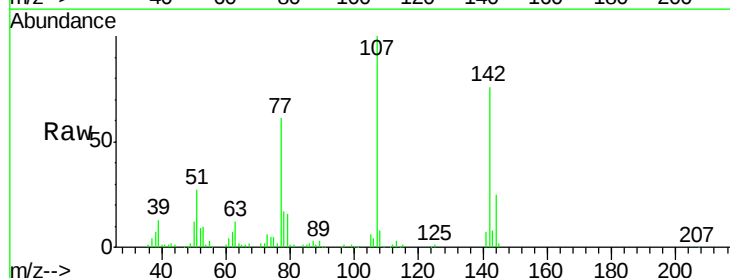
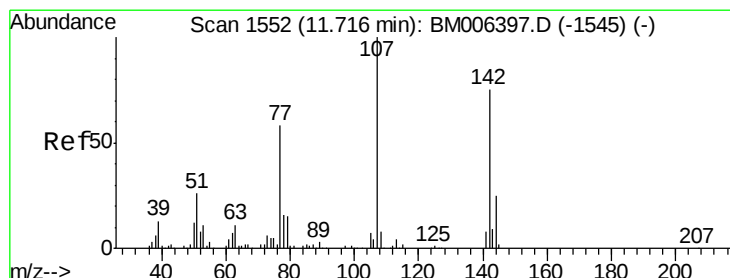
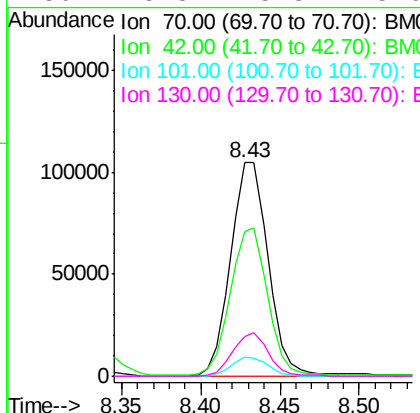
#15
N-Nitroso-di-n-propylamine
Concen: 22.60 ng/ul
RT: 8.43 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM006402.D
Acq: 11 Jul 2016 19:24

Instrument :
BNA_M
ClientSampleId :
A4TS1MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.6	50.6	75.8
101	9.1	7.9	11.9
130	18.8	15.8	23.6

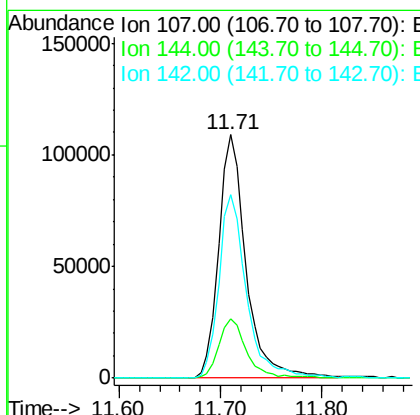
Manual Integrations

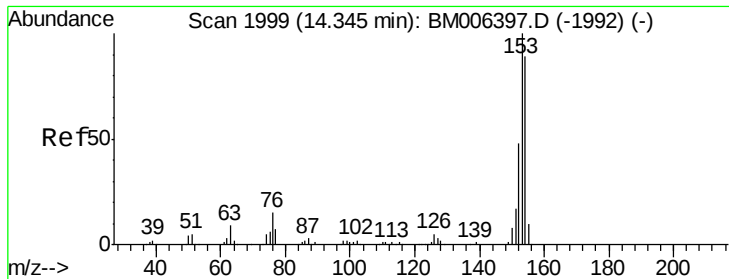
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#33
4-Chloro-3-methylphenol
Concen: 21.67 ng/ul
RT: 11.71 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM006402.D
Acq: 11 Jul 2016 19:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.2	30.4
142	75.5	63.4	95.2





#49

Acenaphthene

Concen: 28.70 ng/ul

RT: 14.34 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BM006402.D

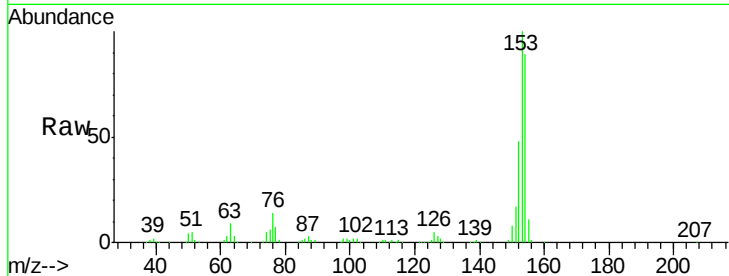
Acq: 11 Jul 2016 19:24

Instrument :

BNA_M

ClientSampleId :

A4TS1MS



Tgt Ion:153 Resp: 539932

Ion Ratio Lower Upper

153 100

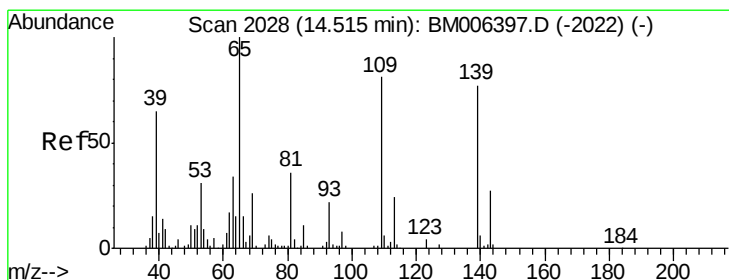
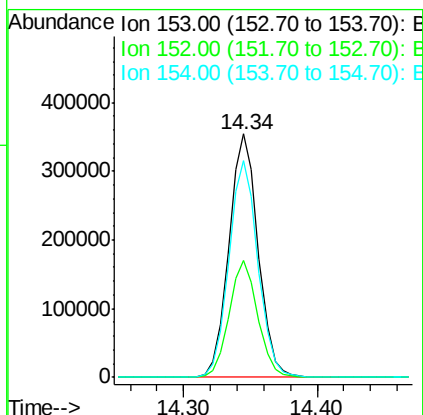
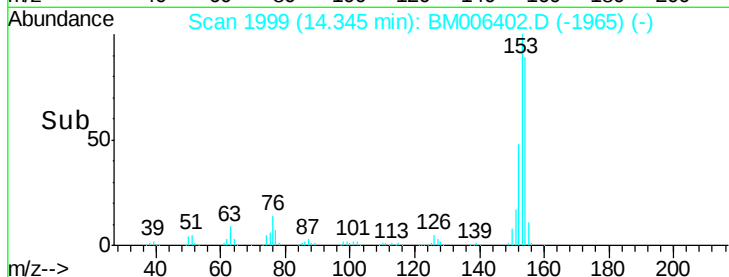
152 48.1 37.7 56.5

154 88.9 70.0 105.0

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#52

4-Nitrophenol

Concen: 6.54 ng/ul m

RT: 14.52 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BM006402.D

Acq: 11 Jul 2016 19:24

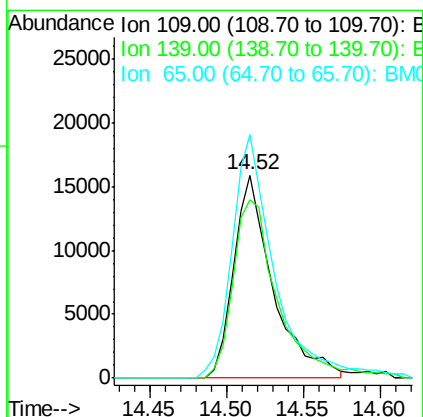
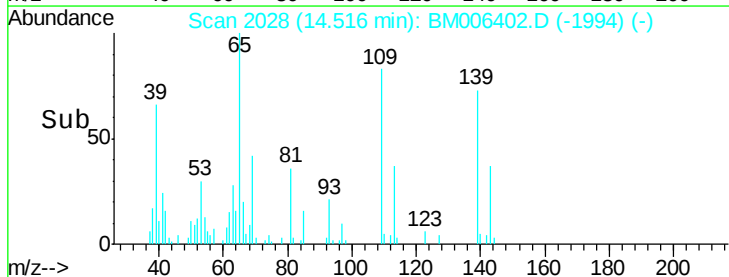
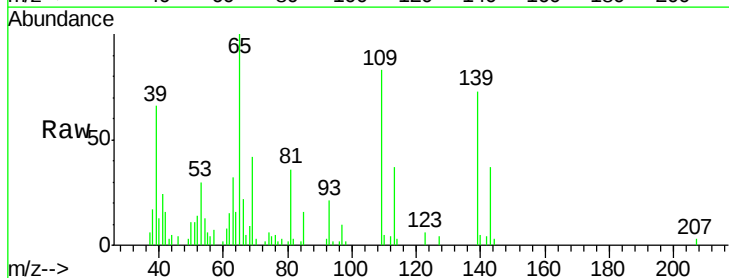
Tgt Ion:109 Resp: 28380

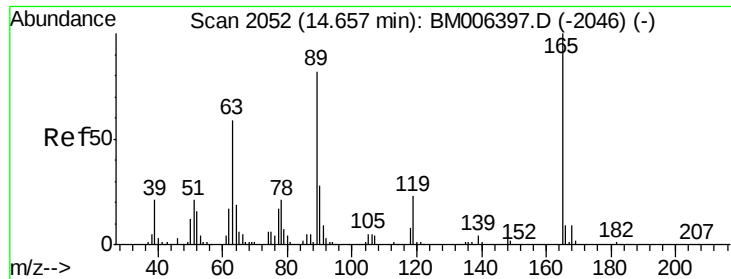
Ion Ratio Lower Upper

109 100

139 88.1 87.8 131.8

65 119.9 105.7 158.5





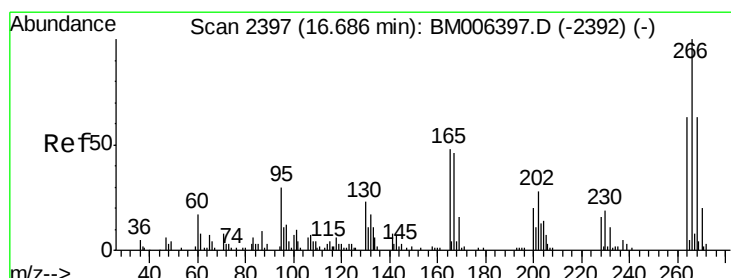
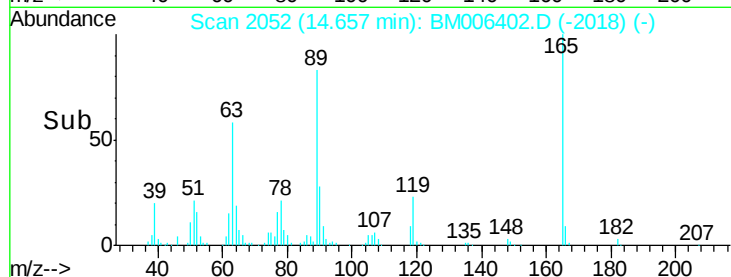
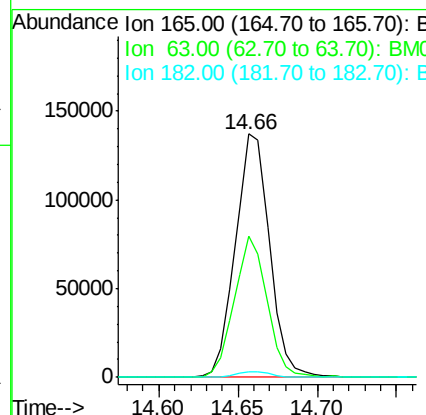
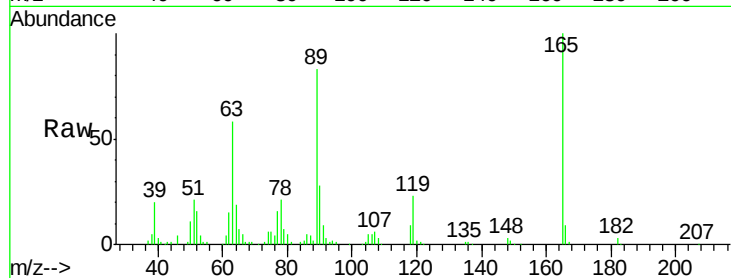
#54
 2,4-Dinitrotoluene
 Concen: 29.31 ng/ul
 RT: 14.66 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BM006402.D
 Acq: 11 Jul 2016 19:24

Instrument :
 BNA_M
 ClientSampleId :
 A4TS1MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.2	43.7	65.5
182	2.5	2.1	3.1

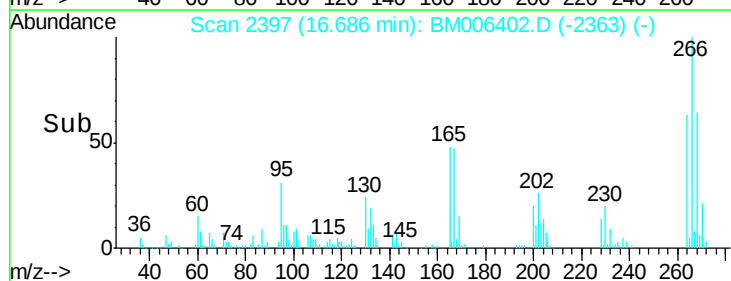
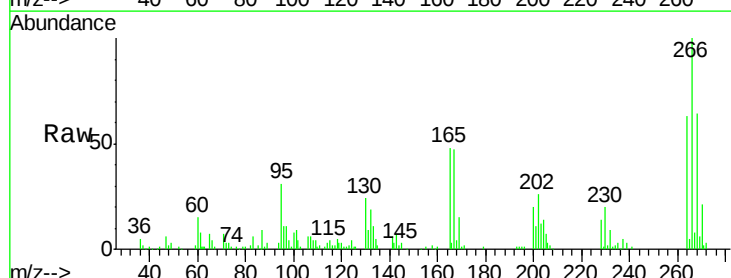
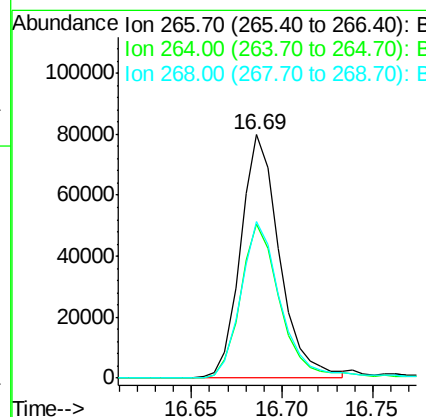
Manual Integrations

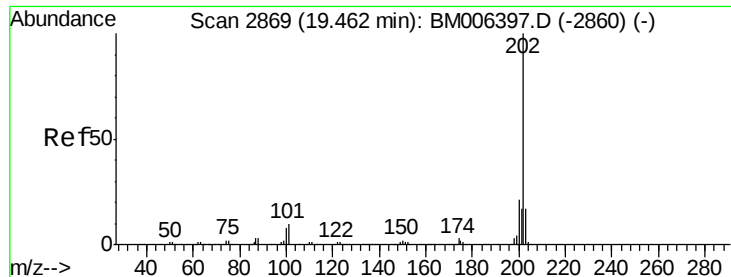
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#68
 Pentachlorophenol
 Concen: 28.32 ng/ul
 RT: 16.69 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM006402.D
 Acq: 11 Jul 2016 19:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	53.7	80.5
268	64.4	51.4	77.0





#77
 Pyrene
 Concen: 28.84 ng/ul
 RT: 19.46 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: BM006402.D
 Acq: 11 Jul 2016 19:24

Instrument :
 BNA_M
 ClientSampleId :
 A4TS1MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	10.0	15.0#
100	8.0	7.9	11.9

Manual Integrations

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