

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005390.D
 Acq On : 11 May 2016 17:02
 Operator : UM/SJ
 Sample : H2834-14MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:05:27 PM

Quant Time: May 12 04:02:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	84875	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	406811	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	248333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	558908	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	467170	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	368904	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	6435	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	162034	21.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	92585	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	125209	21.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	136159	21.40	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	65816	22.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	76605	23.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	134324	21.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	68684	9.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	463202	23.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	542958	23.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	54223m	14.92	ng/ul	0.00
57) Fluorene-d10	15.40	176	382188	22.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	52998	16.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	569051	23.03	ng/ul	0.00
76) Pyrene-d10	19.55	212	601960	27.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	378372	23.17	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.96	94	169115	21.26	ng/ul	99
10) 2-Chlorophenol	7.32	128	123753	20.81	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	124244	25.23	ng/ul	97
33) 4-Chloro-3-methylphenol	11.83	107	168186	22.41	ng/ul	98
44) Dimethylphthalate	13.86	163	150195	7.55	ng/ul	99
49) Acenaphthene	14.47	153	362970	22.30	ng/ul	99
52) 4-Nitrophenol	14.63	109	51679	17.11	ng/ul	95
54) 2,4-Dinitrotoluene	14.77	165	133898	22.89	ng/ul	96
68) Pentachlorophenol	16.80	266	76203	22.82	ng/ul	96
77) Pyrene	19.58	202	768580	28.36	ng/ul	97

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

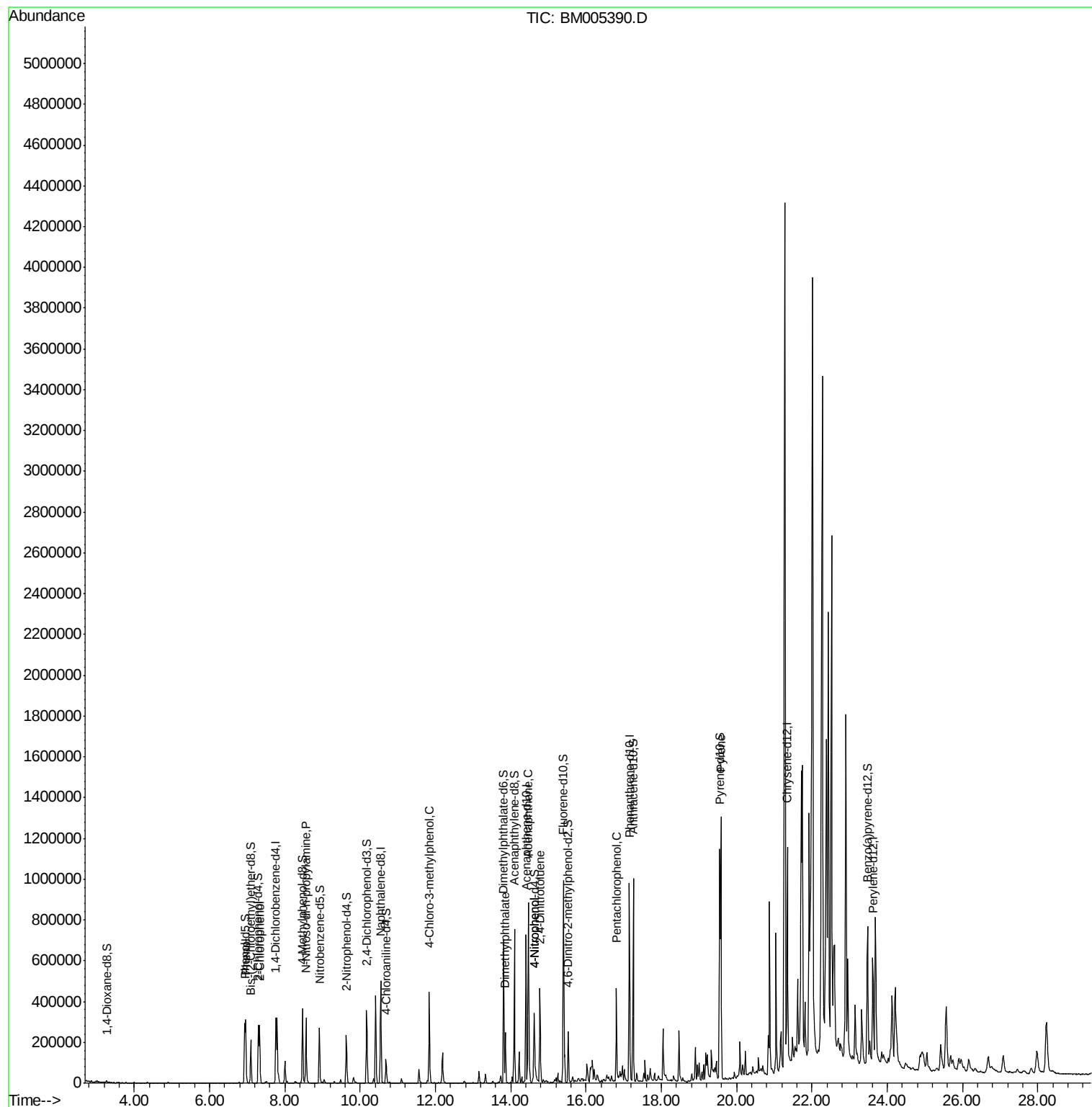
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005390.D
Acq On : 11 May 2016 17:02
Operator : UM/SJ
Sample : H2834-14MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

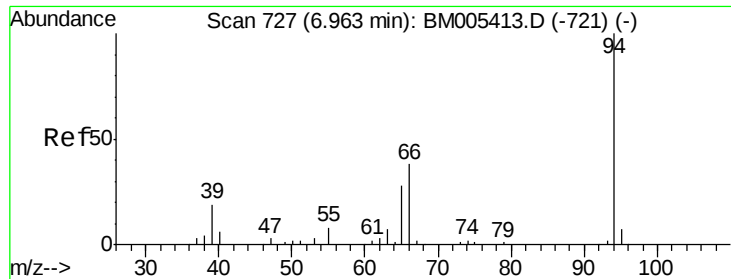
Instrument :
BNA_M
ClientSampleId :
H4061MS

Manual Integrations
APPROVED

sohil
5/12/2016 7:05:27 PM

Quant Time: May 12 04:02:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 02:20:05 2016
Response via : Initial Calibration





#6

Phenol

Concen: 21.26 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

Instrument :

BNA_M

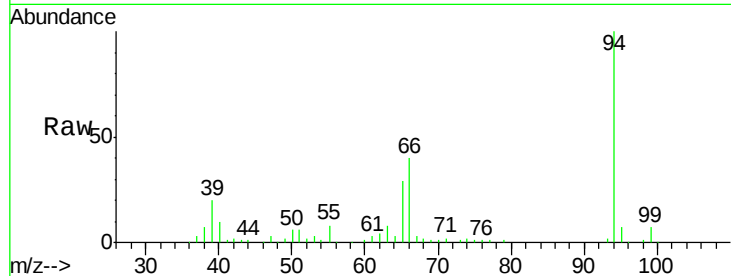
ClientSampleId :

H4061MS

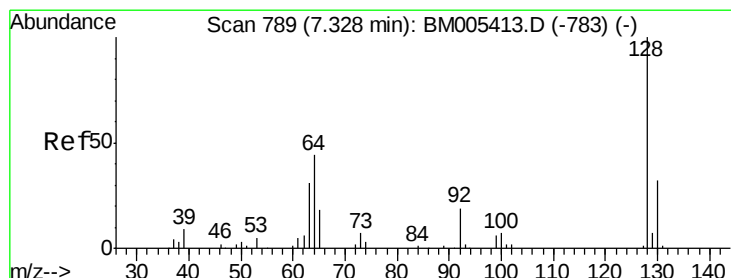
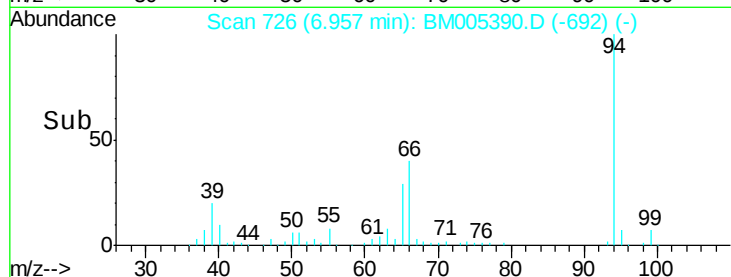
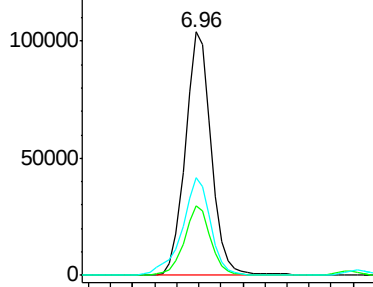
Tgt Ion:	94	Resp:	169115
Ion	Ratio	Lower	Upper
94	100		
65	28.6	22.7	34.1
66	40.2	31.7	47.5

Manual Integrations
APPROVED

sohil
5/12/2016 7:05:27 PM



Abundance Ion 94.00 (93.70 to 94.70): BM005413.D (-721) (-)



#10

2-Chlorophenol

Concen: 20.81 ng/ul

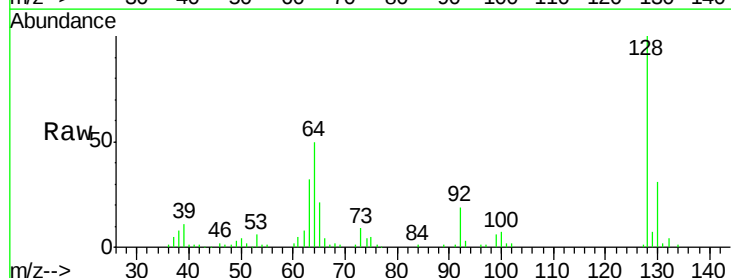
RT: 7.32 min Scan# 788

Delta R.T. -0.01 min

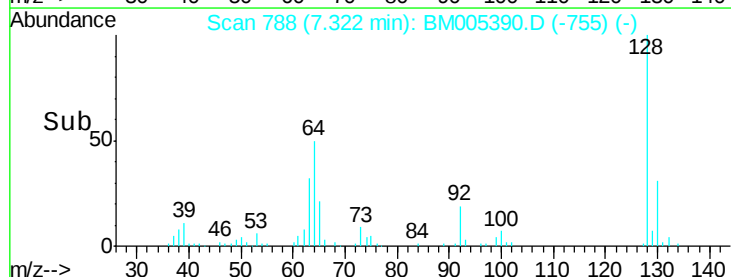
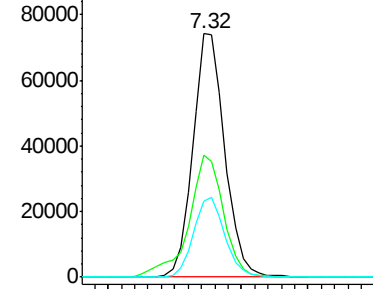
Lab File: BM005390.D

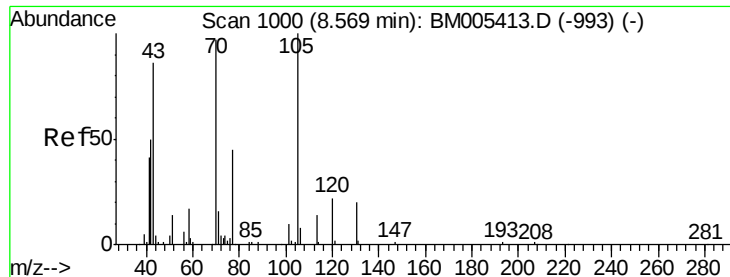
Acq: 11 May 2016 17:02

Tgt Ion:	128	Resp:	123753
Ion	Ratio	Lower	Upper
128	100		
64	49.9	37.8	56.8
130	31.3	24.9	37.3



Abundance Ion 128.00 (127.70 to 128.70): BM005413.D (-783) (-)





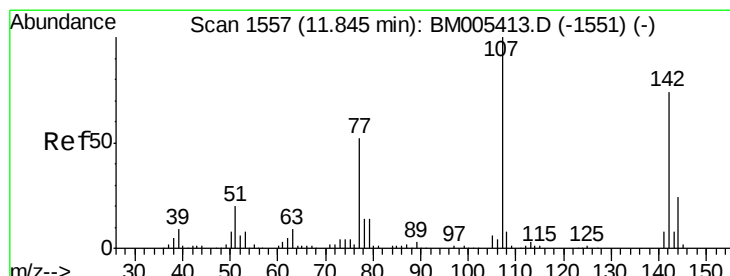
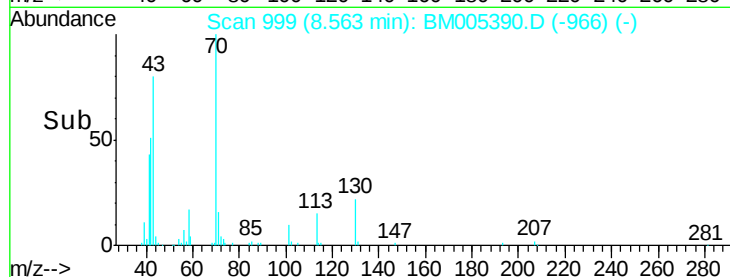
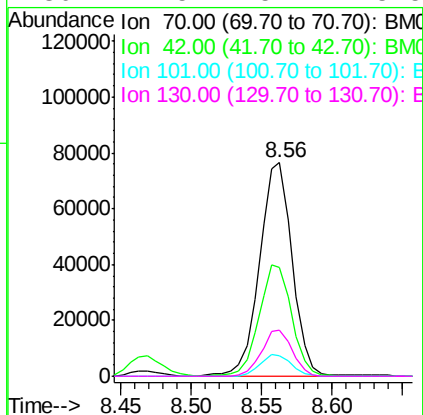
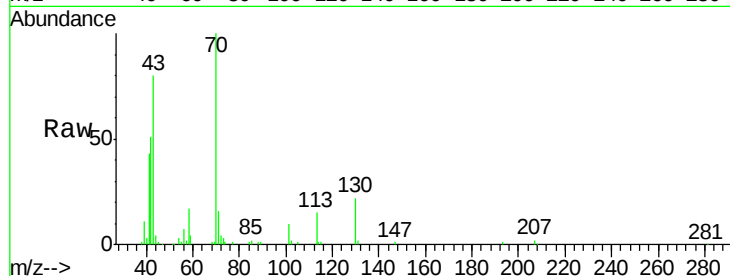
#15
N-Nitroso-di-n-propylamine
Concen: 25.23 ng/ul
RT: 8.56 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM005390.D
Acq: 11 May 2016 17:02

Instrument :
BNA_M
ClientSampleId :
H4061MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.8	64.2
101	9.7	7.8	11.6
130	21.5	15.7	23.5

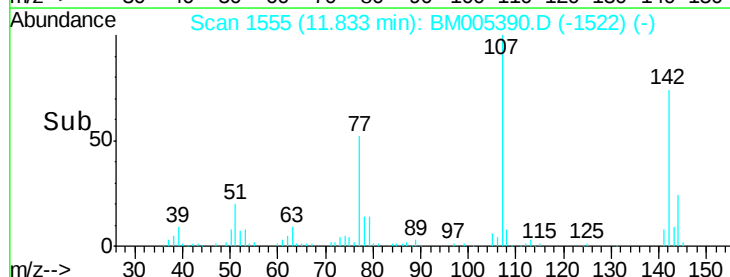
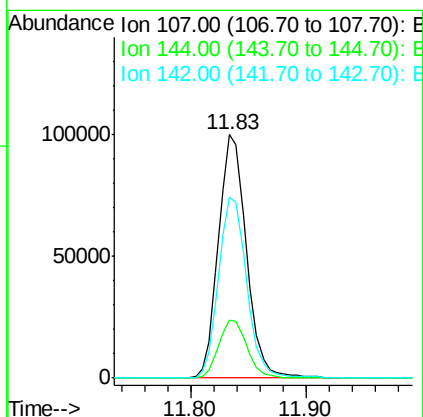
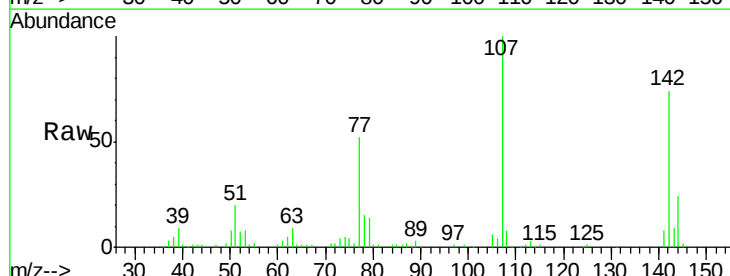
Manual Integrations
APPROVED

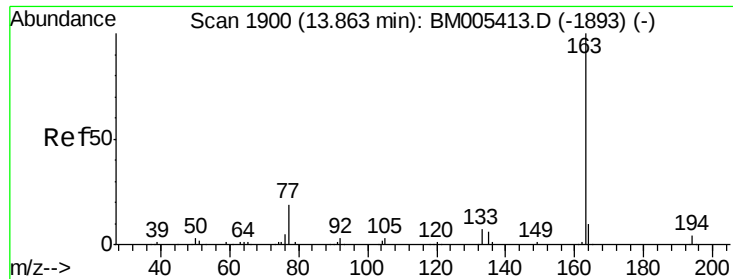
sohil
5/12/2016 7:05:27 PM



#33
4-Chloro-3-methylphenol
Concen: 22.41 ng/ul
RT: 11.83 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BM005390.D
Acq: 11 May 2016 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	74.1	60.8	91.2





#44

Dimethylphthalate

Concen: 7.55 ng/ul

RT: 13.86 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

Instrument :

BNA_M

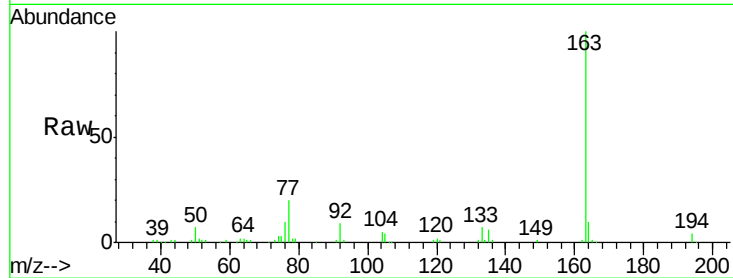
ClientSampleId :

H4061MS

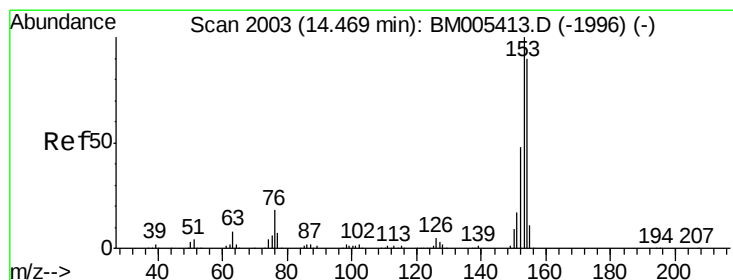
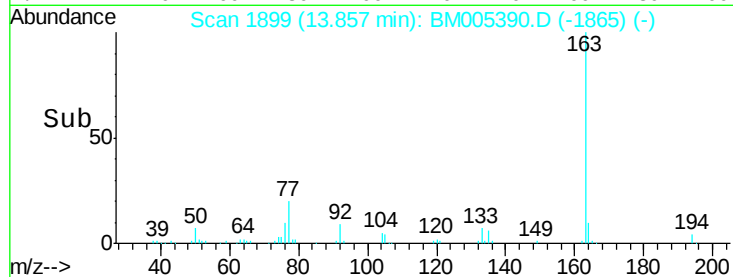
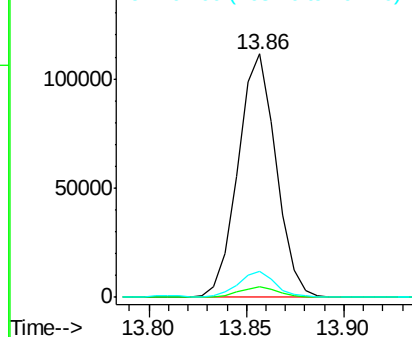
Tgt Ion:	163	Resp:	150195
Ion Ratio		Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	7.9	11.9

Manual Integrations
APPROVED

sohil
5/12/2016 7:05:27 PM



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



#49

Acenaphthene

Concen: 22.30 ng/ul

RT: 14.47 min Scan# 2003

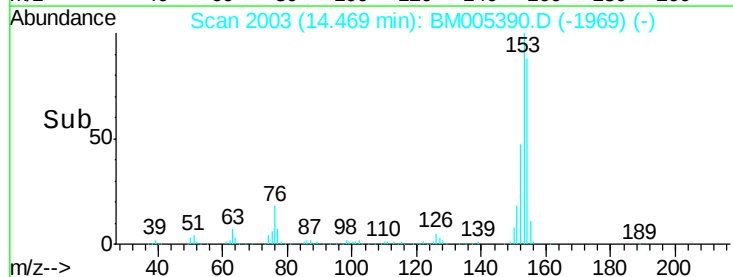
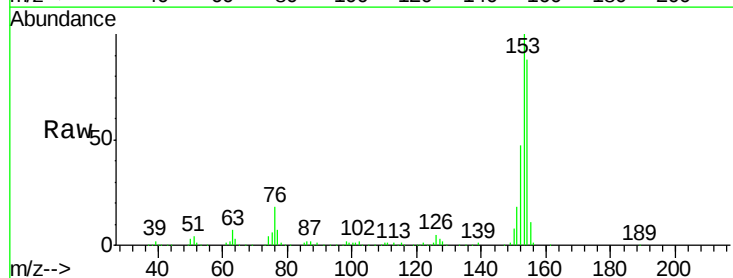
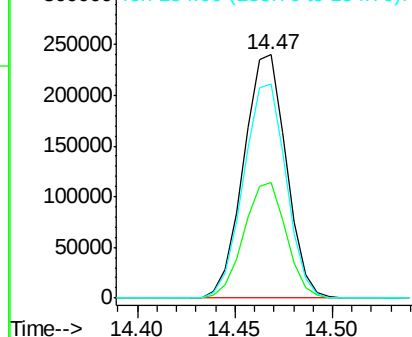
Delta R.T. 0.00 min

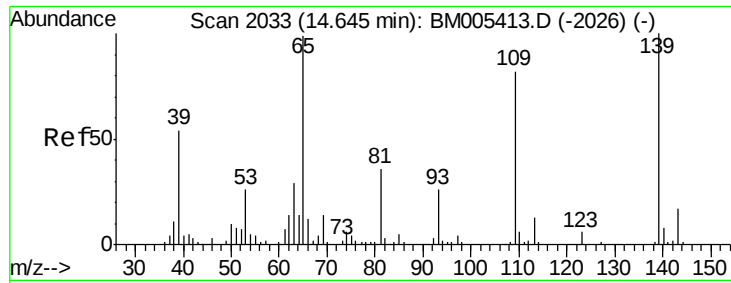
Lab File: BM005390.D

Acq: 11 May 2016 17:02

Tgt Ion:	153	Resp:	362970
Ion Ratio		Lower	Upper
153	100		
152	47.4	38.9	58.3
154	87.9	70.3	105.5

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





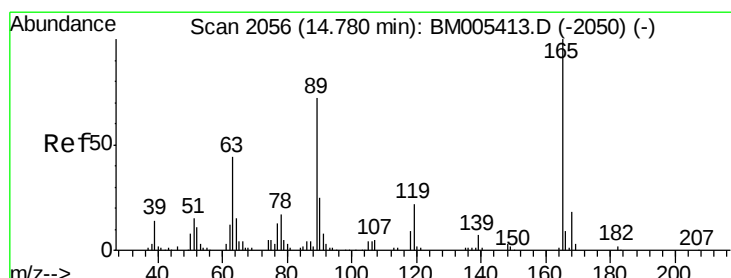
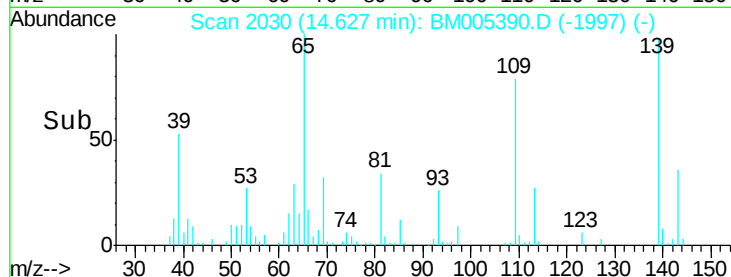
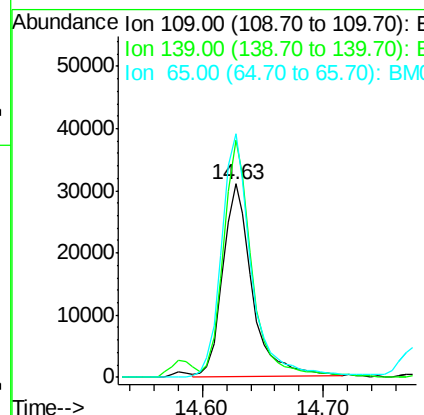
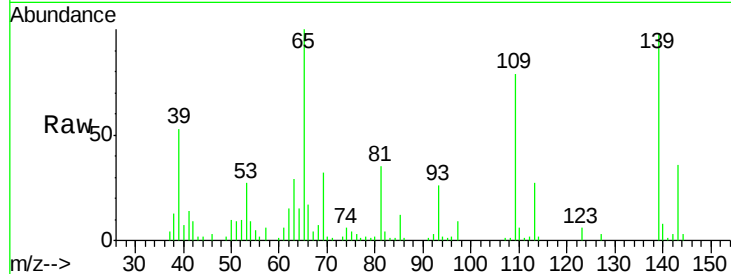
#52
4-Nitrophenol
Concen: 17.11 ng/ul
RT: 14.63 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM005390.D
Acq: 11 May 2016 17:02

Instrument :
BNA_M
ClientSampled :
H4061MS

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	51679		
139	122.8	103.6	155.4	
65	125.9	104.7	157.1	

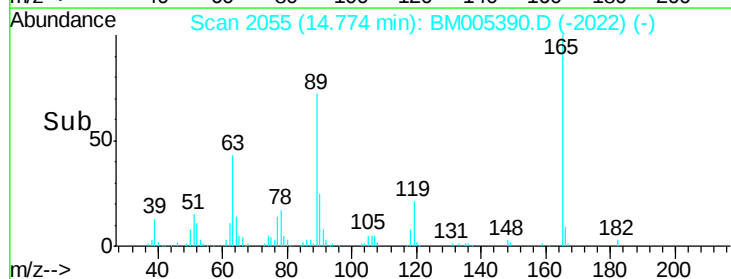
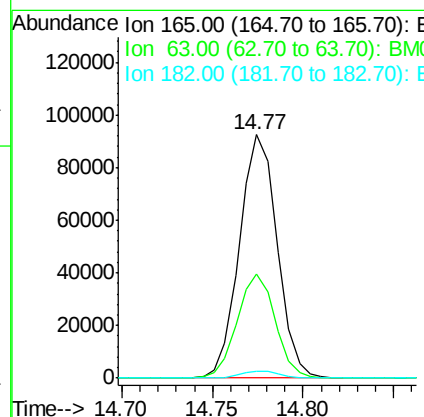
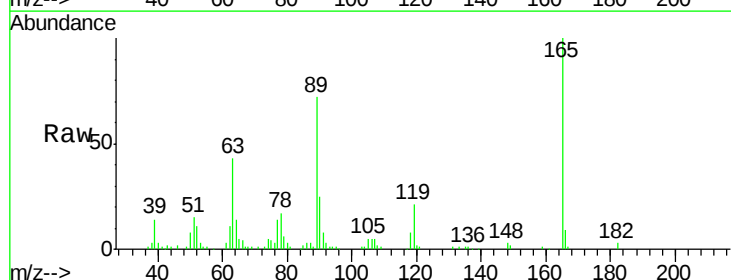
Manual Integrations
APPROVED

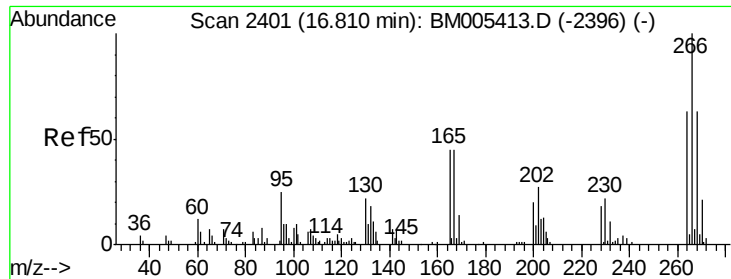
sohil
5/12/2016 7:05:27 PM



#54
2,4-Dinitrotoluene
Concen: 22.89 ng/ul
RT: 14.77 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BM005390.D
Acq: 11 May 2016 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133898		
63	42.7	36.2	54.4	
182	3.0	2.5	3.7	





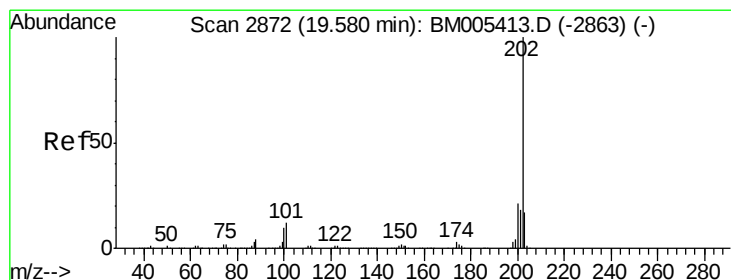
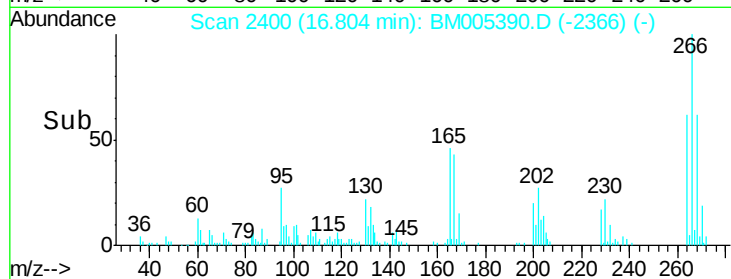
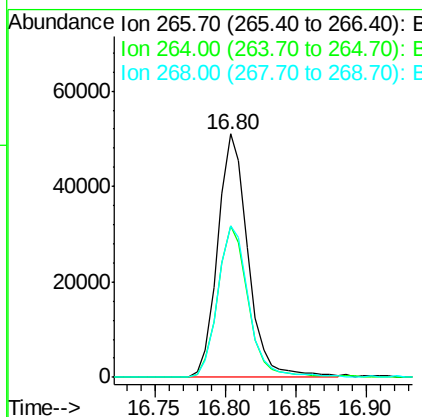
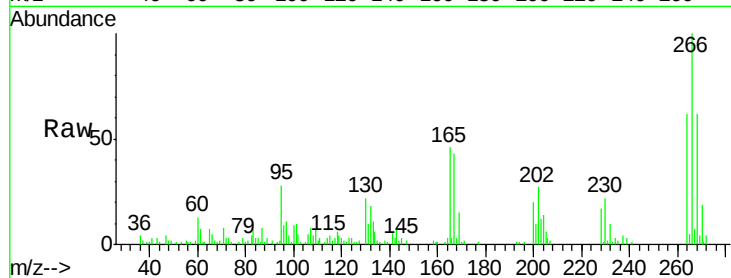
#68
 Pentachlorophenol
 Concen: 22.82 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	76203		
264	62.4	52.0	78.0	
268	62.2	53.0	79.6	

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:05:27 PM



#77
 Pyrene
 Concen: 28.36 ng/ul
 RT: 19.58 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	768580		
101	11.7	10.8	16.2	
100	9.7	8.4	12.6	

