

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005452.D
 Acq On : 14 May 2016 06:21
 Operator : UM/SJ
 Sample : H2834-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4002MS

Manual Integrations
 APPROVED

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Quant Time: May 16 04:27:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	56135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	261561	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	169167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	411145	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	570201	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	566295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1504	1.26	ng/uL	0.00
5) Phenol-d5	6.93	99	29335	5.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	79841	27.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	86476	22.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	54253	12.89	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	54532	29.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	61154	28.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	100469	25.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	8692	1.84	ng/ul	0.03
43) Dimethylphthalate-d6	13.80	166	401936	29.64	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	469919	29.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	9655m	3.90	ng/ul	0.02
57) Fluorene-d10	15.39	176	345481	29.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	54354	23.50	ng/ul	0.00
70) Anthracene-d10	17.24	188	571164	31.43	ng/ul	0.00
76) Pyrene-d10	19.54	212	720107	27.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	779805	31.11	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.96	94	33172	6.30	ng/ul	97
10) 2-Chlorophenol	7.32	128	88910	22.60	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	97977	30.08	ng/ul	98
33) 4-Chloro-3-methylphenol	11.84	107	117083	24.26	ng/ul	100
49) Acenaphthene	14.46	153	333704	30.09	ng/ul	98
52) 4-Nitrophenol	14.66	109	9689m	4.71	ng/ul	
54) 2,4-Dinitrotoluene	14.77	165	127484	32.00	ng/ul	99
68) Pentachlorophenol	16.80	266	52638	21.43	ng/ul	99
77) Pyrene	19.57	202	926016	28.00	ng/ul	97

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

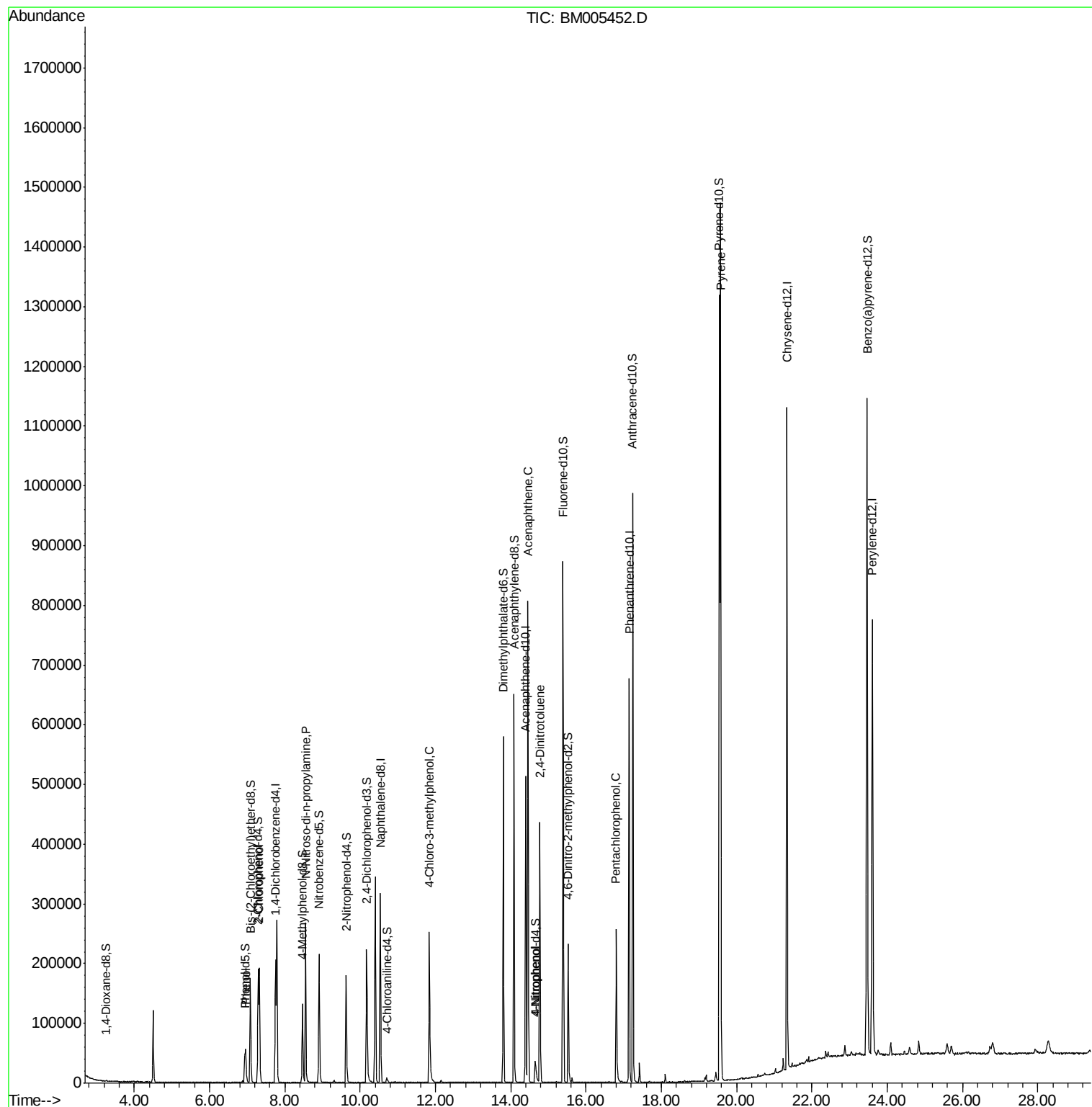
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005452.D
Acq On : 14 May 2016 06:21
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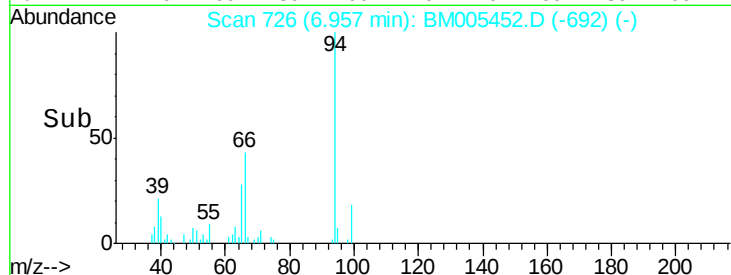
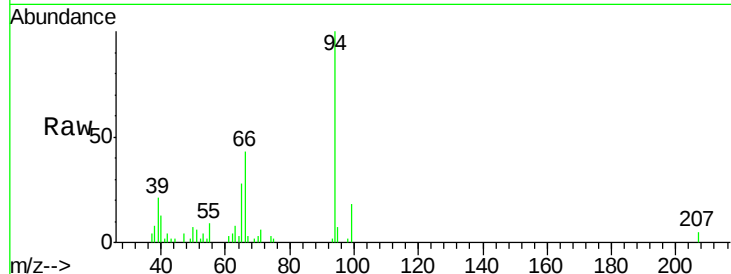
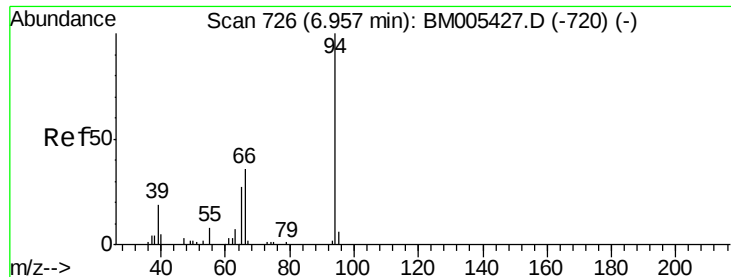
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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
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#6

Phenol

Concen: 6.30 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005452.D

Acq: 14 May 2016 06:21

Instrument :

BNA_M

ClientSampleId :

H4002MS

Tgt Ion: 94 Resp: 33172

Ion Ratio Lower Upper

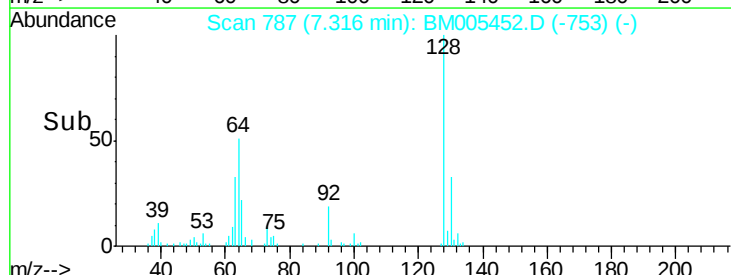
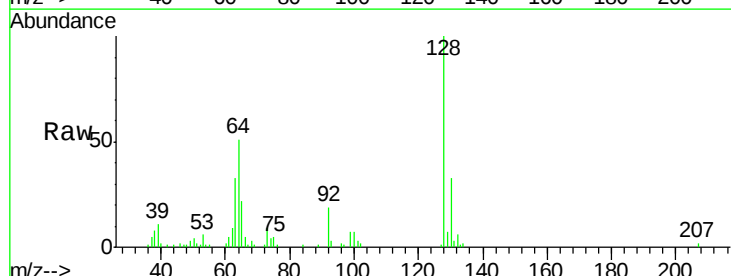
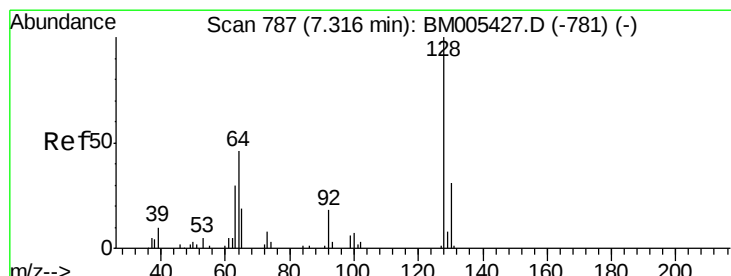
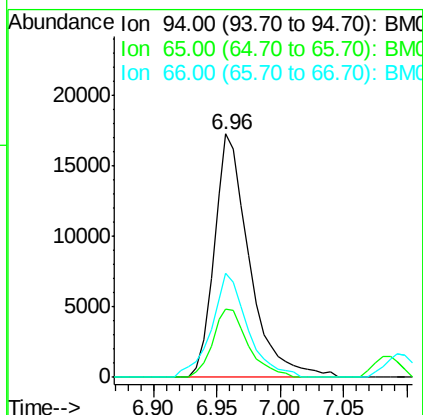
94 100

65 28.1 22.7 34.1

66 42.8 31.7 47.5

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#10

2-Chlorophenol

Concen: 22.60 ng/ul

RT: 7.32 min Scan# 787

Delta R.T. -0.00 min

Lab File: BM005452.D

Acq: 14 May 2016 06:21

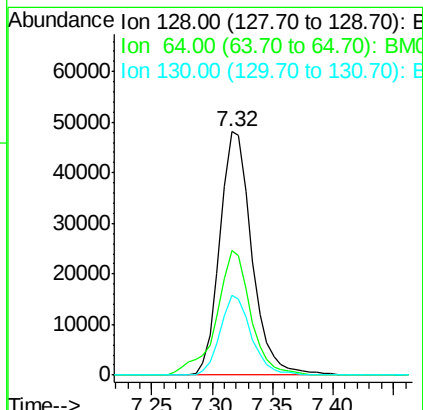
Tgt Ion: 128 Resp: 88910

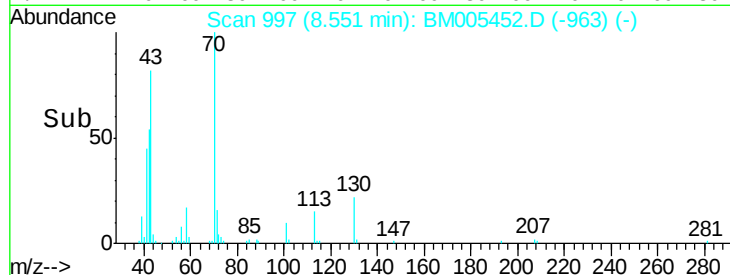
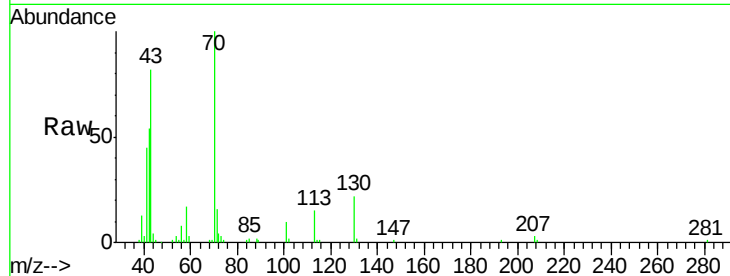
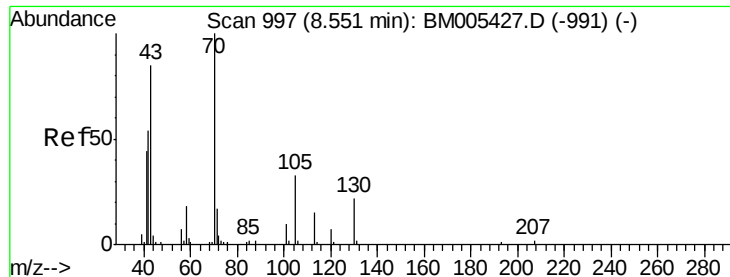
Ion Ratio Lower Upper

128 100

64 51.2 37.8 56.8

130 32.7 24.9 37.3





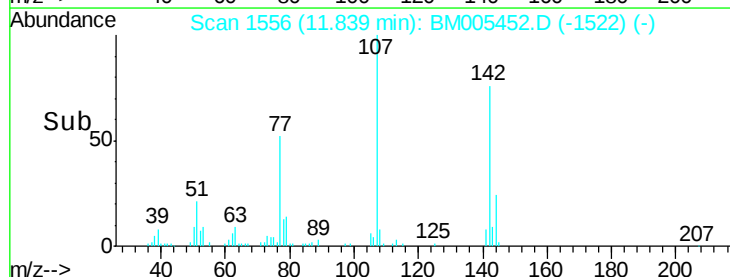
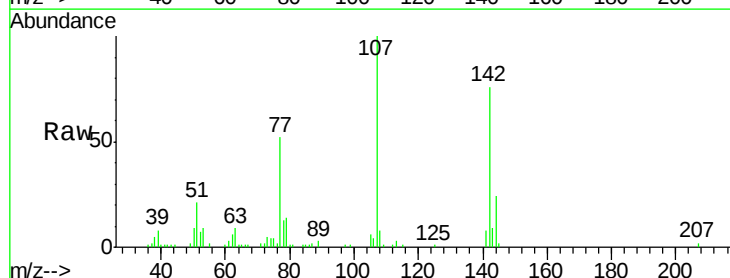
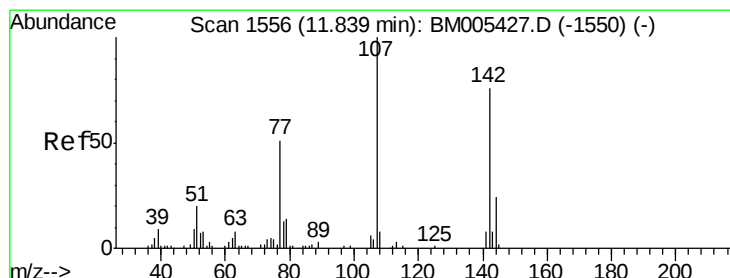
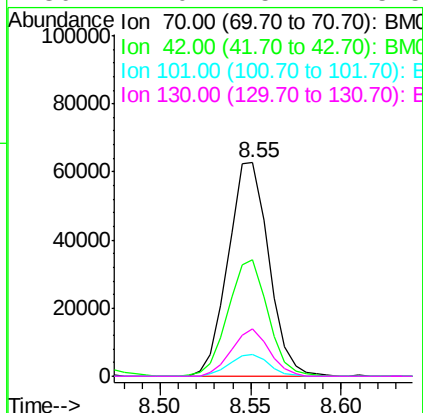
#15
N-Nitroso-di-n-propylamine
Concen: 30.08 ng/ul
RT: 8.55 min Scan# 997
Delta R.T. -0.00 min
Lab File: BM005452.D
Acq: 14 May 2016 06:21

Instrument :
BNA_M
ClientSampleId :
H4002MS

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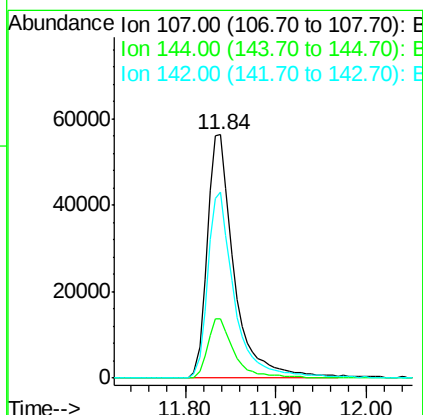
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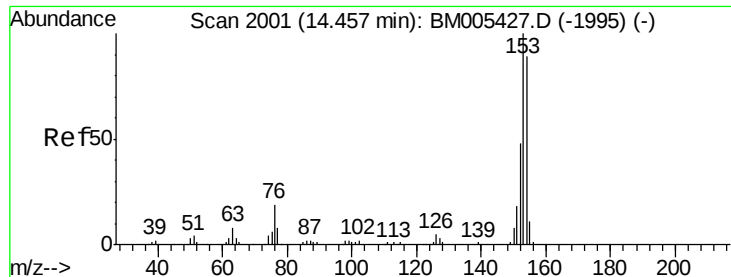
Tgt Ion:	70	Resp:	97977
Ion Ratio	Lower	Upper	
70	100		
42	54.4	42.8	64.2
101	10.5	7.8	11.6
130	22.0	15.7	23.5



#33
4-Chloro-3-methylphenol
Concen: 24.26 ng/ul
RT: 11.84 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BM005452.D
Acq: 14 May 2016 06:21

Tgt Ion:	107	Resp:	117083
Ion Ratio	Lower	Upper	
107	100		
144	24.5	19.3	28.9
142	76.3	60.8	91.2





#49

Acenaphthene

Concen: 30.09 ng/ul

RT: 14.46 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BM005452.D

Acq: 14 May 2016 06:21

Instrument :

BNA_M

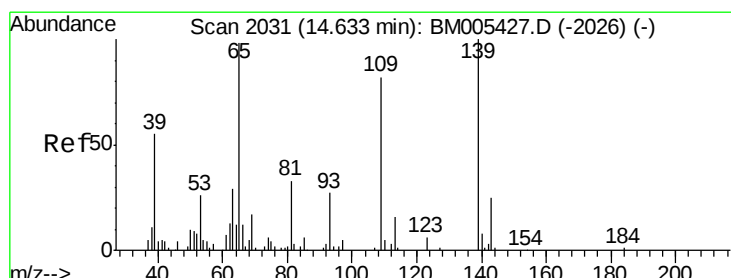
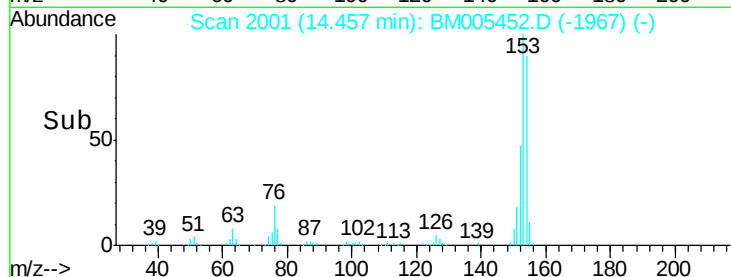
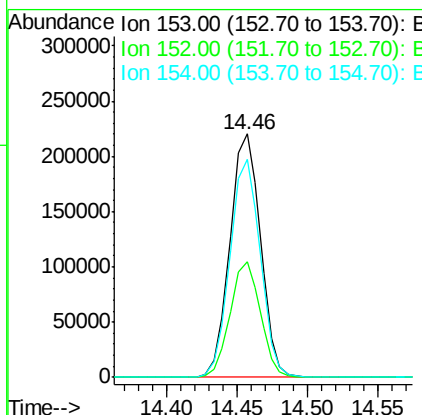
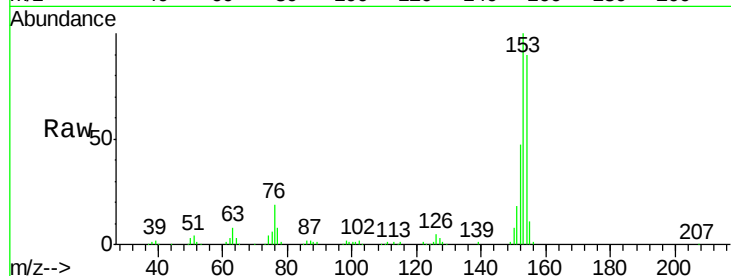
ClientSampleId :

H4002MS

Tgt Ion:	153	Resp:	333704
Ion Ratio	Lower	Upper	
153	100		
152	47.3	38.9	58.3
154	89.7	70.3	105.5

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#52

4-Nitrophenol

Concen: 4.71 ng/ul m

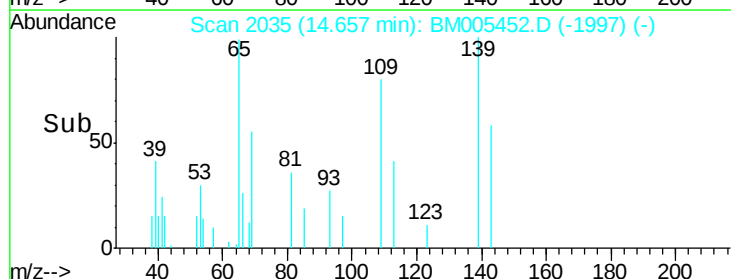
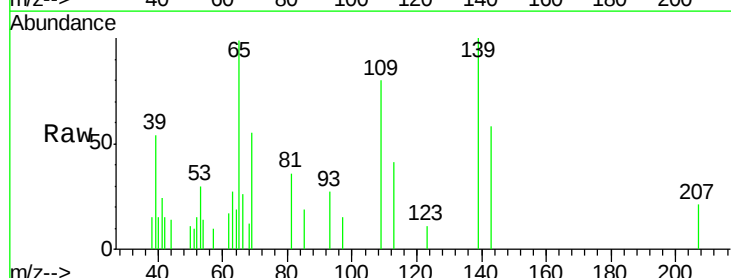
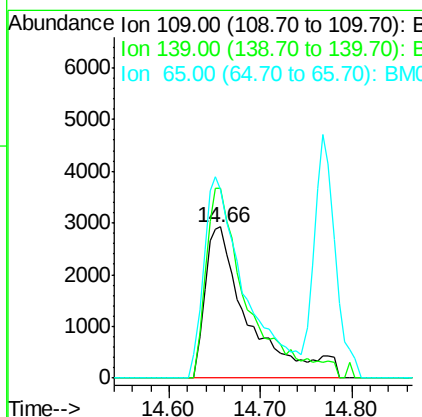
RT: 14.66 min Scan# 2035

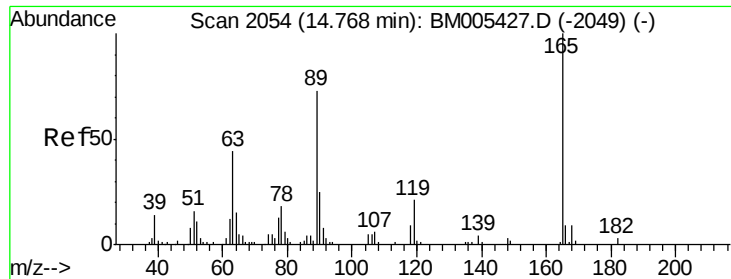
Delta R.T. 0.02 min

Lab File: BM005452.D

Acq: 14 May 2016 06:21

Tgt Ion:	109	Resp:	9689
Ion Ratio	Lower	Upper	
109	100		
139	125.3	103.6	155.4
65	124.4	104.7	157.1





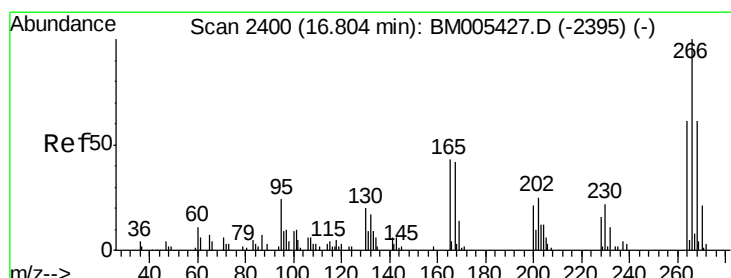
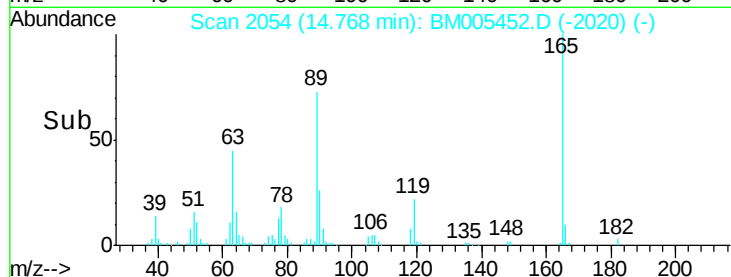
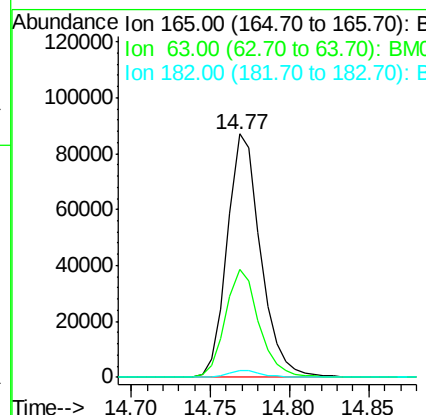
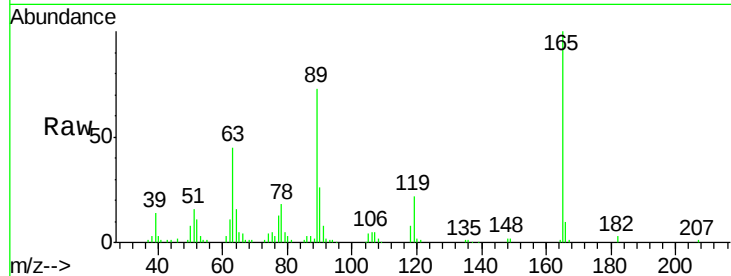
#54
 2,4-Dinitrotoluene
 Concen: 32.00 ng/ul
 RT: 14.77 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BM005452.D
 Acq: 14 May 2016 06:21

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.5	36.2	54.4
182	3.0	2.5	3.7

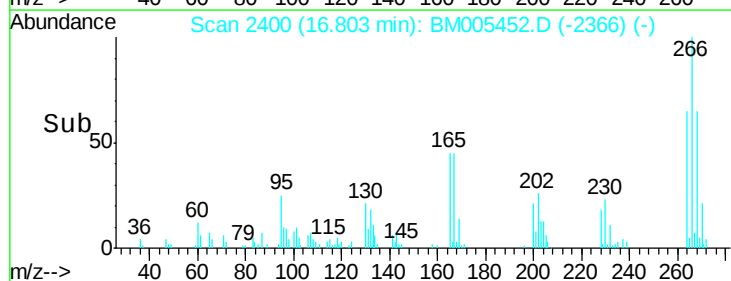
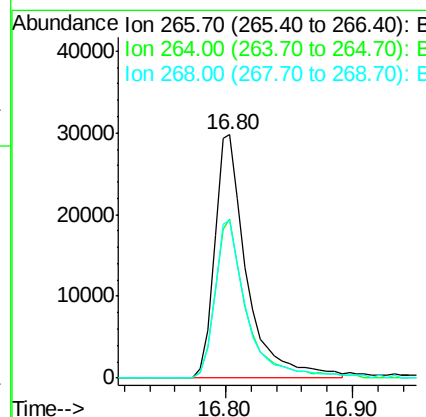
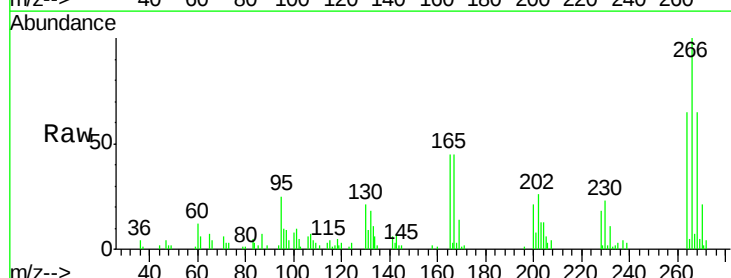
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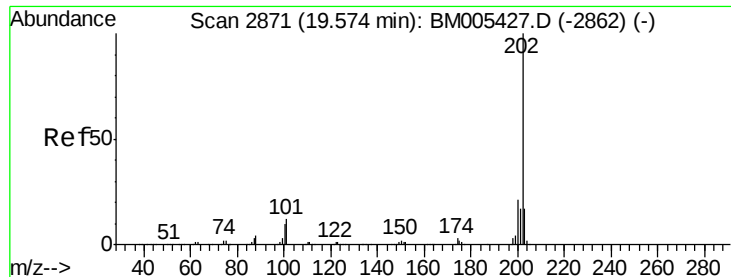
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#68
 Pentachlorophenol
 Concen: 21.43 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM005452.D
 Acq: 14 May 2016 06:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	52.0	78.0
268	64.9	53.0	79.6





#77
 Pyrene
 Concen: 28.00 ng/ul
 RT: 19.57 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BM005452.D
 Acq: 14 May 2016 06:21

Instrument :
 BNA_M
 ClientSampleId :
 H4002MS

Tgt	Ion	202	Resp:	926016
Ion	Ratio	Lower	Upper	
202	100			
101	11.7	10.8	16.2	
100	10.1	8.4	12.6	

Manual Integrations
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