

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010296.D
 Acq On : 28 May 2017 03:32
 Operator : SJ/MA
 Sample : I3162-15MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSF0MS

Manual Integrations
 APPROVED

mohammad
 5/30/2017 4:41:27 PM

Quant Time: May 30 16:23:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:28:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	401001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1440703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	839459	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1944272	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2692304	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2811206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	37760	3.86	ng/uL	0.00
5) Phenol-d5	7.12	99	668802	22.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	387044	22.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	565721	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	550244	22.44	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	259906	24.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	306759	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	587107	23.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	277088	11.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1803259	25.85	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	2136032	26.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	232869	22.32	ng/ul	0.00
57) Fluorene-d10	15.55	176	1544828	25.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	298032	21.64	ng/ul	0.00
70) Anthracene-d10	17.40	188	2373013m	25.08	ng/ul	0.00
76) Pyrene-d10	19.69	212	3002938	26.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	3322796	25.39	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.14	94	713673	22.91	ng/ul	96
10) 2-Chlorophenol	7.50	128	556448	22.89	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.73	70	477347	23.87	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.03	107	609723	25.74	ng/ul	97
44) Dimethylphthalate	14.02	163	612115	8.92	ng/ul	98
49) Acenaphthene	14.63	153	1464998	26.27	ng/ul	99
52) 4-Nitrophenol	14.82	109	338081	23.64	ng/ul	95
54) 2,4-Dinitrotoluene	14.94	165	489049	26.49	ng/ul	95
68) Pentachlorophenol	16.95	266	389484	24.42	ng/ul	97
77) Pyrene	19.72	202	3770673	27.18	ng/ul	99

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

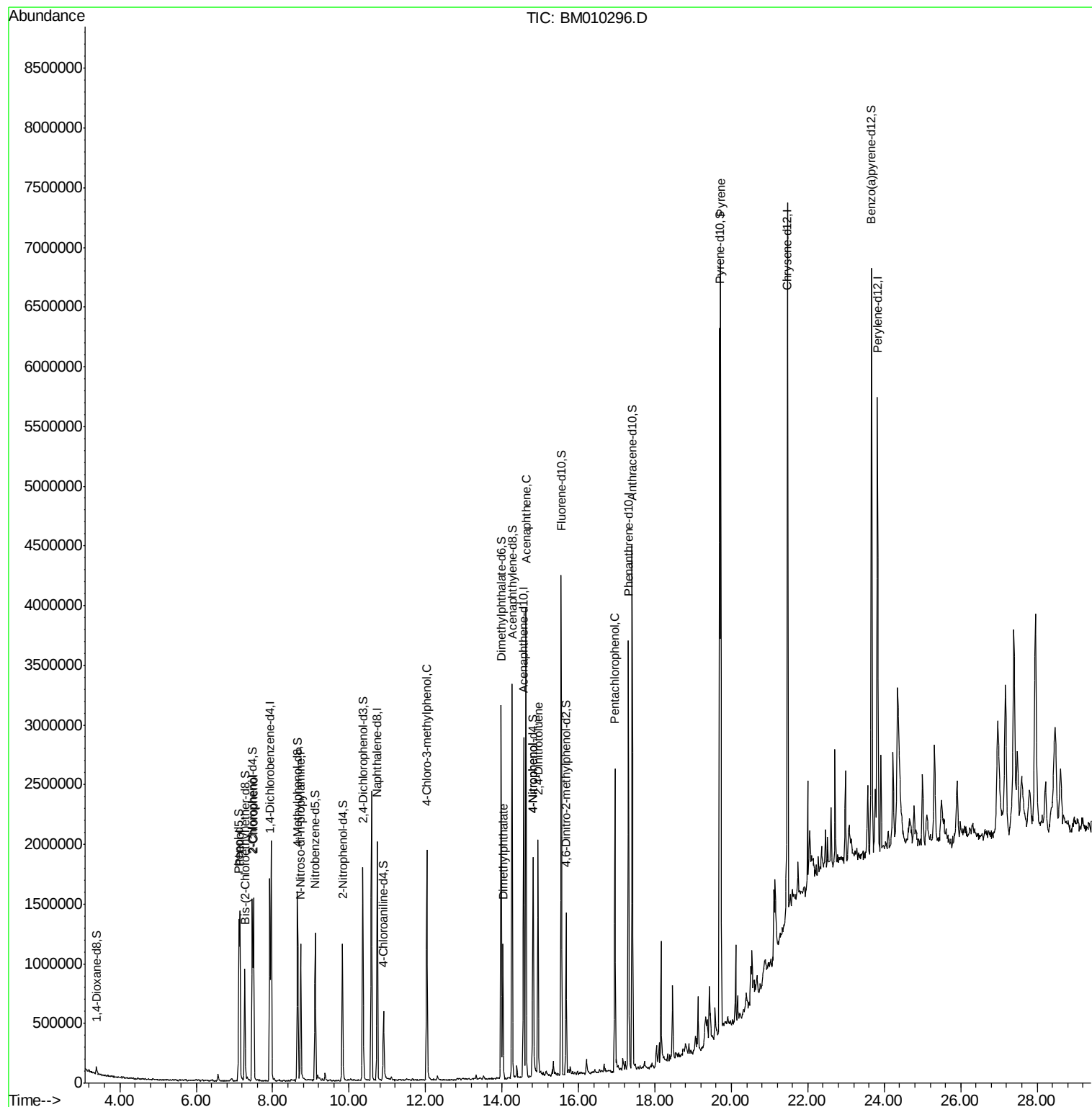
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010296.D
Acq On : 28 May 2017 03:32
Operator : SJ/MA
Sample : I3162-15MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

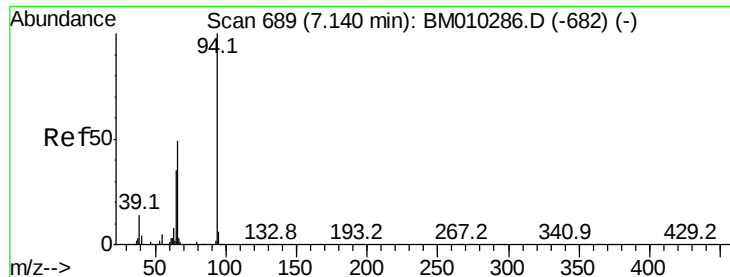
Instrument :
BNA_M
ClientSampleId :
JHSF0MS

Manual Integrations
APPROVED

mohammad
5/30/2017 4:41:27 PM

Quant Time: May 30 16:23:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 30 15:28:56 2017
Response via : Initial Calibration





#6

Phenol

Concen: 22.91 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Instrument :

BNA_M

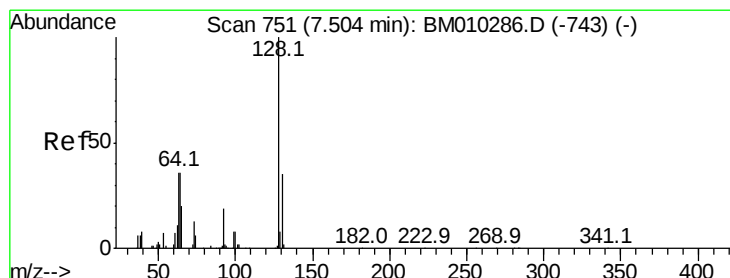
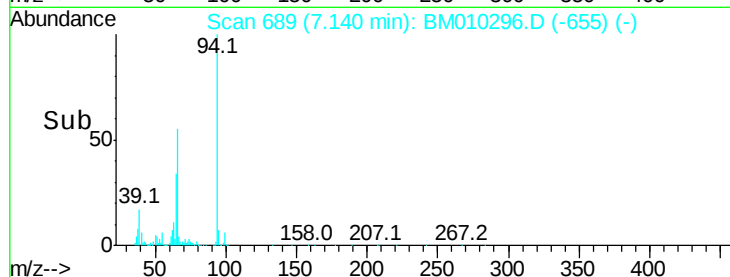
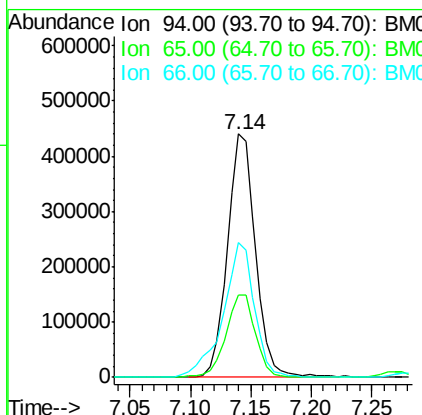
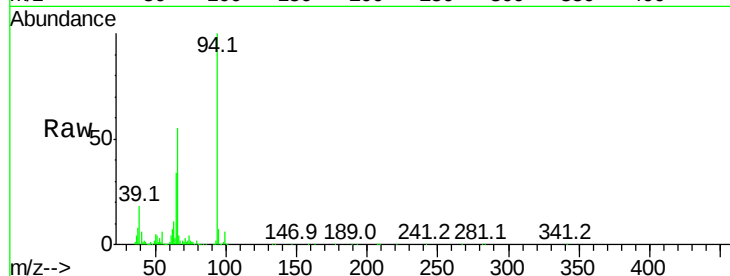
ClientSampleId :

JHSF0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		713673		
65	34.0	28.2	42.4		
66	55.3	47.2	70.8		

Manual Integrations
APPROVED

mohammad
5/30/2017 4:41:27 PM



#10

2-Chlorophenol

Concen: 22.89 ng/ul

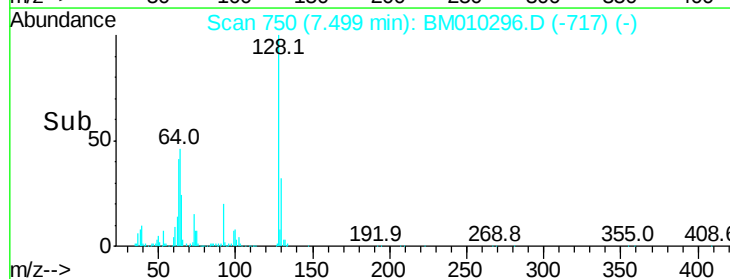
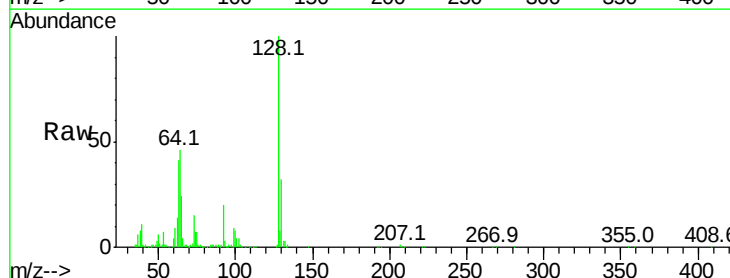
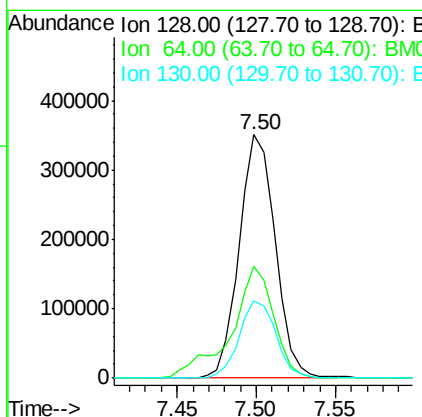
RT: 7.50 min Scan# 750

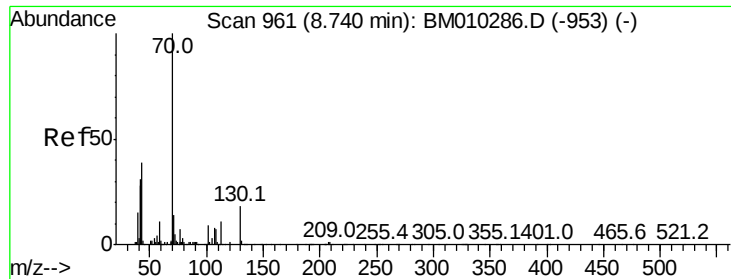
Delta R.T. -0.01 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		556448		
64	45.8	38.0	57.0		
130	31.7	24.4	36.6		





#15

N-Nitroso-di-n-propylamine

Concen: 23.87 ng/ul

RT: 8.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Instrument :

BNA_M

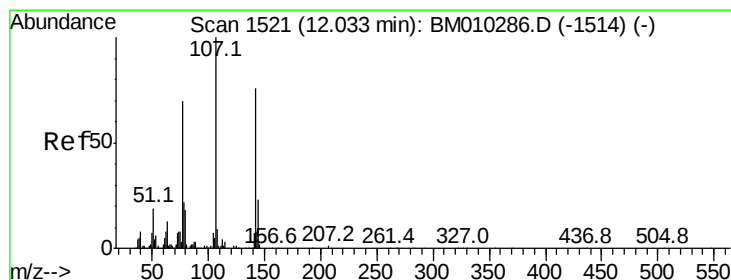
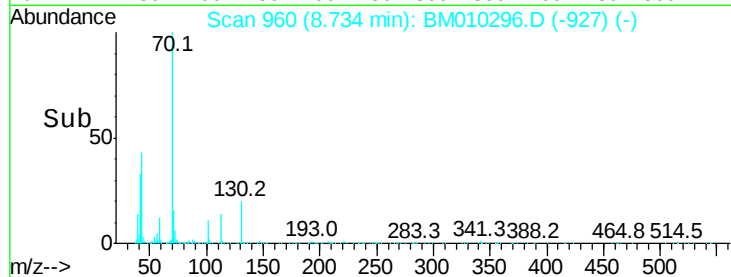
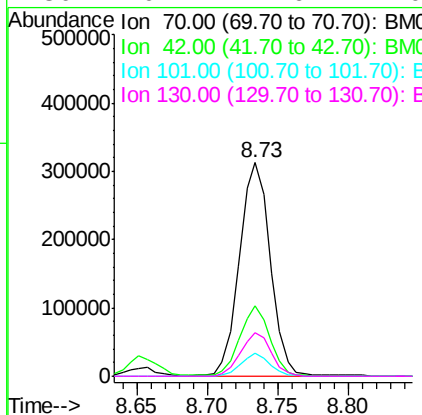
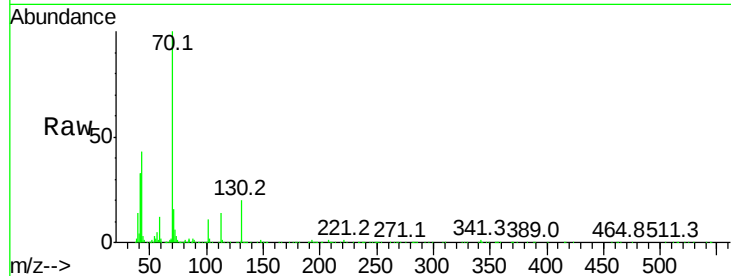
ClientSampleId :

JHSF0MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.1	41.1	61.7#
101	10.9	6.7	10.1#
130	20.4	14.6	22.0

Manual Integrations
APPROVED

mohammad
5/30/2017 4:41:27 PM



#33

4-Chloro-3-methylphenol

Concen: 25.74 ng/ul

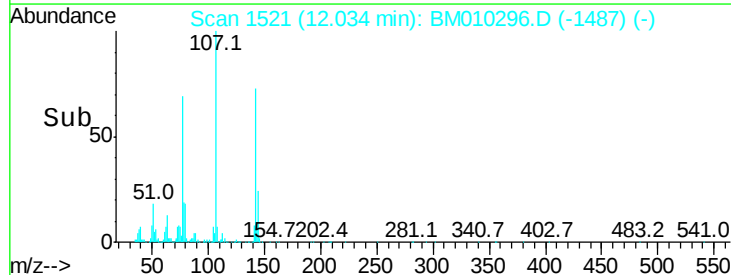
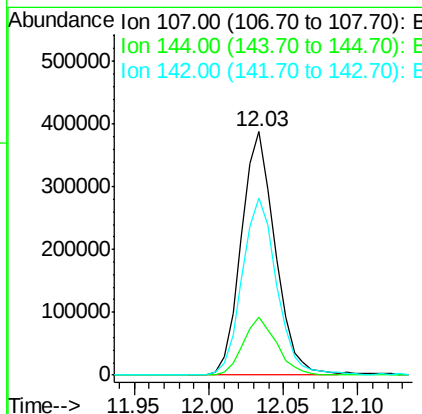
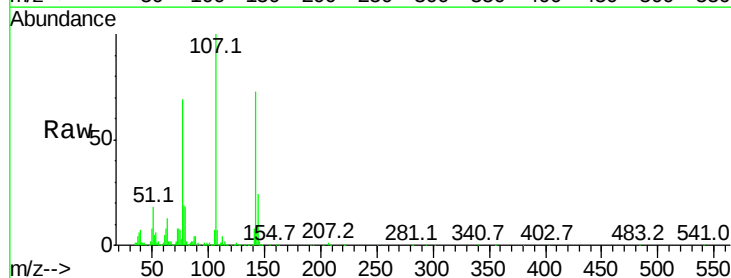
RT: 12.03 min Scan# 1521

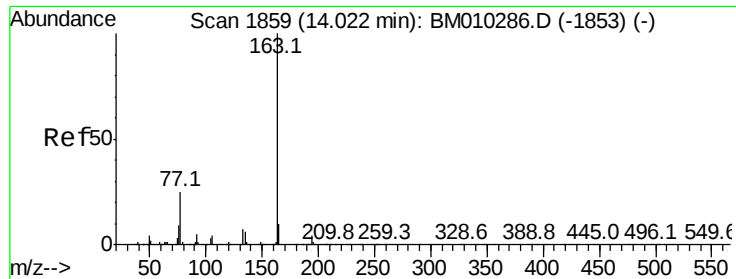
Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.4	30.6
142	72.8	60.5	90.7





#44

Dimethylphthalate

Concen: 8.92 ng/ul

RT: 14.02 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Instrument :

BNA_M

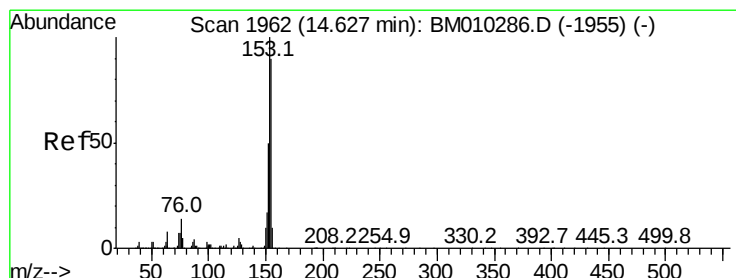
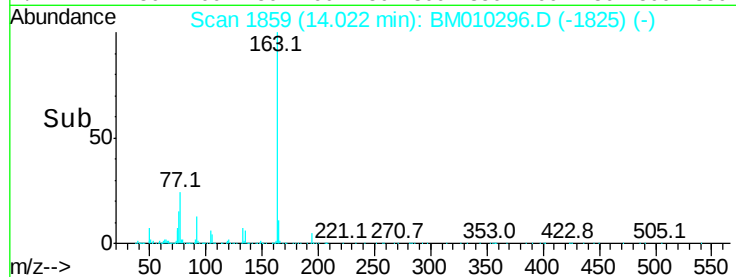
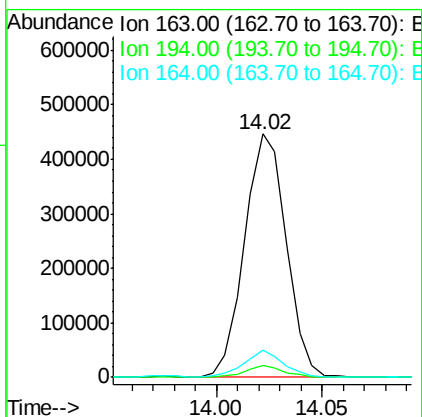
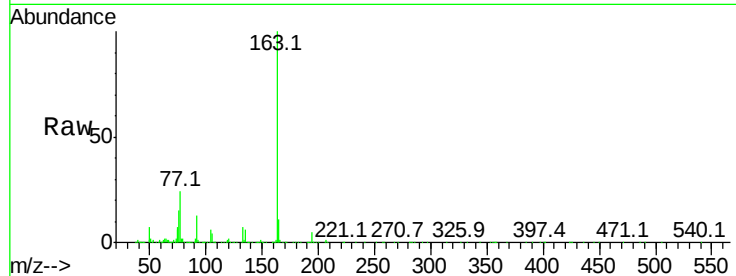
ClientSampleId :

JHSF0MS

Tot Ion:	163	Resp:	612115
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	11.1	8.2	12.4

Manual Integrations
APPROVED

mohammad
5/30/2017 4:41:27 PM



#49

Acenaphthene

Concen: 26.27 ng/ul

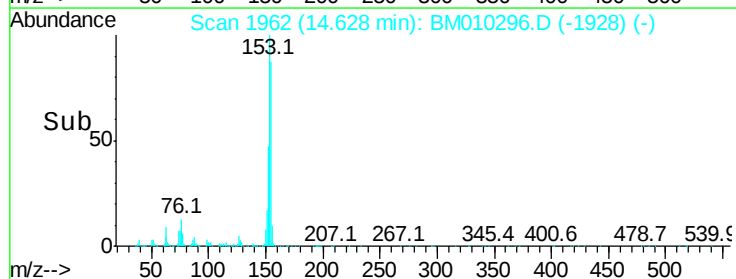
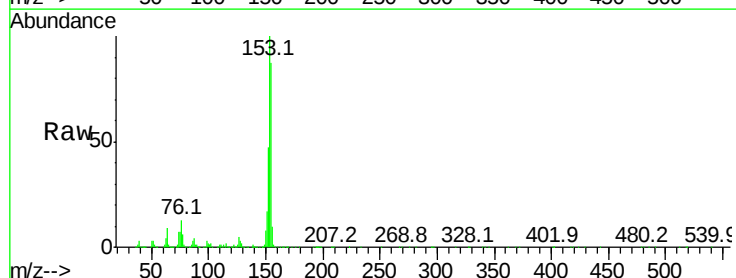
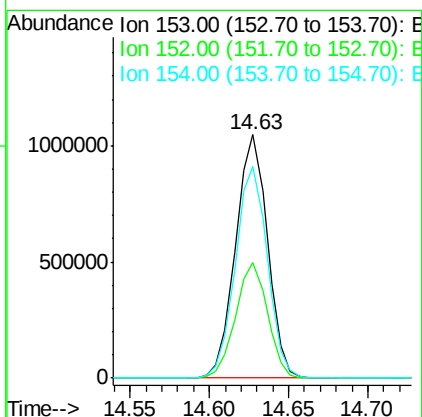
RT: 14.63 min Scan# 1962

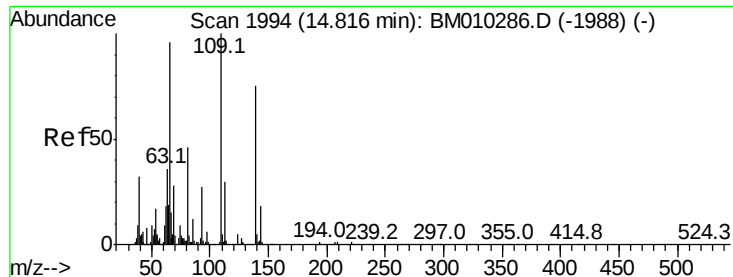
Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Tgt Ion:	153	Resp:	1464998
Ion Ratio	Lower	Upper	
153	100		
152	47.4	37.6	56.4
154	87.0	70.4	105.6





#52

4-Nitrophenol

Concen: 23.64 ng/ul

RT: 14.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Instrument :

BNA_M

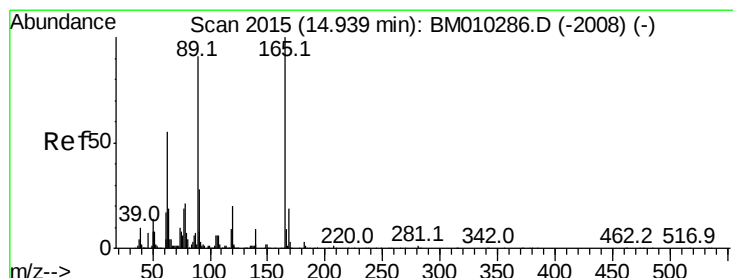
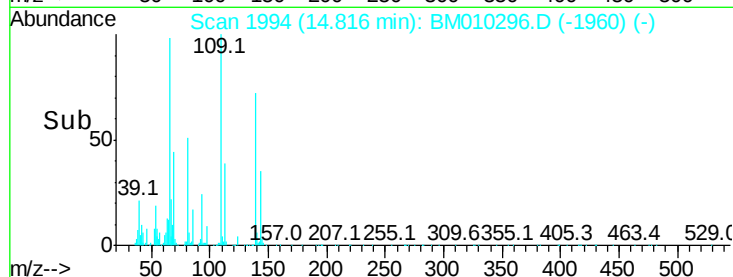
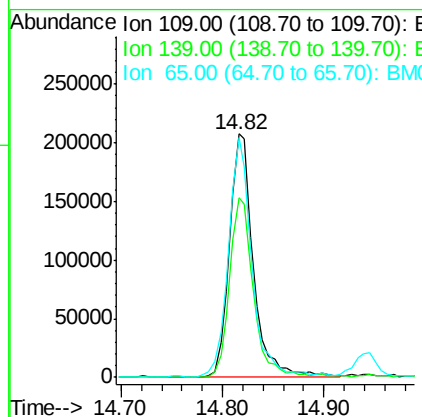
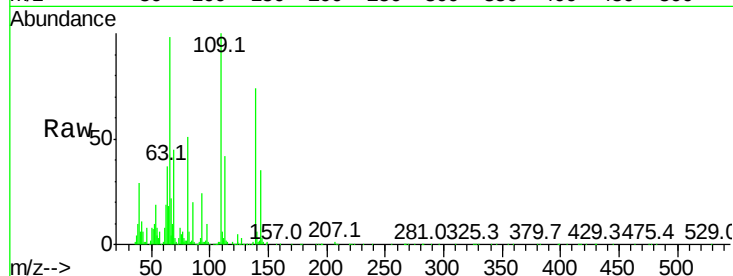
ClientSampleId :

JHSF0MS

Tot Ion:	109	Resp:	338081
Ion Ratio	Lower	Upper	
109	100		
139	73.8	66.6	100.0
65	98.4	78.3	117.5

Manual Integrations
APPROVED

mohammad
5/30/2017 4:41:27 PM



#54

2,4-Dinitrotoluene

Concen: 26.49 ng/ul

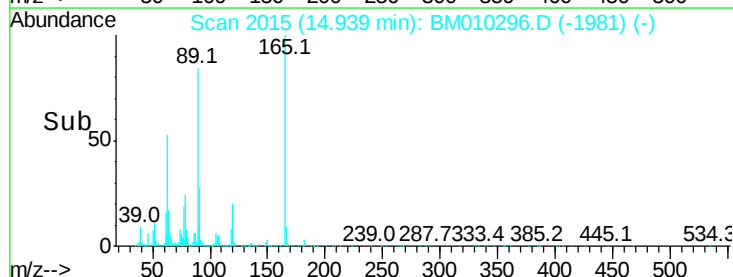
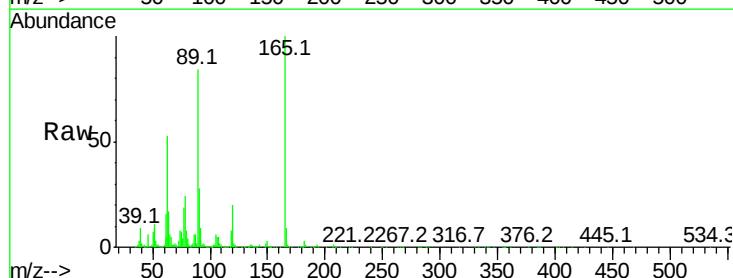
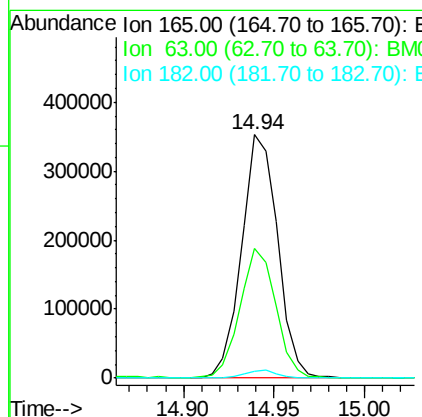
RT: 14.94 min Scan# 1515

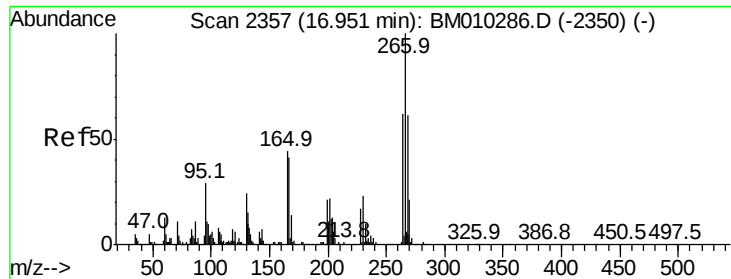
Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Tgt Ion:	165	Resp:	489049
Ion Ratio	Lower	Upper	
165	100		
63	53.3	45.8	68.8
182	2.8	2.6	4.0





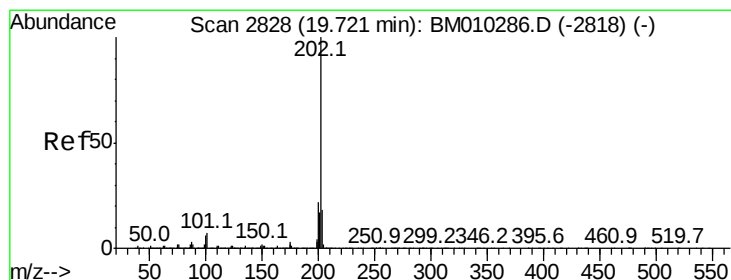
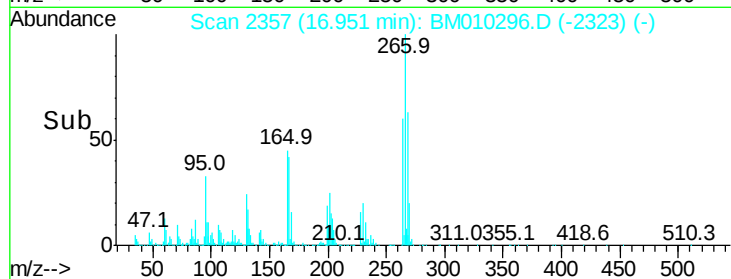
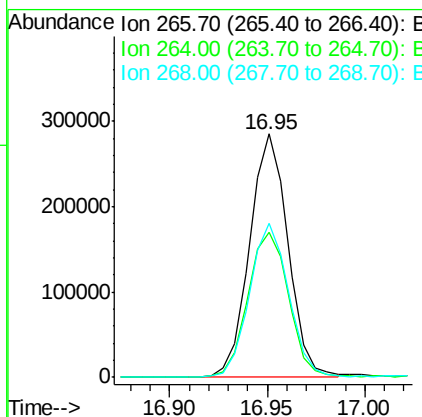
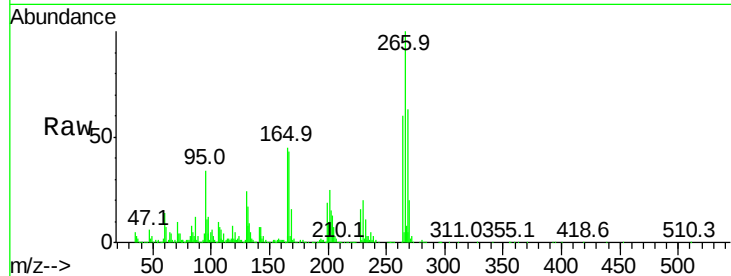
#68
 Pentachlorophenol
 Concen: 24.42 ng/ul
 RT: 16.95 min Scan# 2357
 Delta R.T. 0.00 min
 Lab File: BM010296.D
 Acq: 28 May 2017 03:32

Instrument :
 BNA_M
 ClientSampleId :
 JHSF0MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.7	49.3	73.9
268	63.1	52.6	78.8

Manual Integrations
 APPROVED

mohammad
 5/30/2017 4:41:27 PM



#77
 Pyrene
 Concen: 27.18 ng/ul
 RT: 19.72 min Scan# 2828
 Delta R.T. 0.00 min
 Lab File: BM010296.D
 Acq: 28 May 2017 03:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.1	7.7
100	5.8	4.9	7.3

