

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008367.D
 Acq On : 16 Dec 2016 05:40
 Operator : UM/SJ
 Sample : H6039-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T3

Manual Integrations
 APPROVED

sohil
 12/16/2016 6:22:34 PM

Quant Time: Dec 16 12:23:13 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	145497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	780200	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.33	164	420219	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.07	188	854479	20.00	ng/ul	0.01
75) Chrysene-d12	21.26	240	1024966	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	999509	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.88	99	97463	8.64	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.02	67	191362	29.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	235826	27.77	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	185321	21.20	ng/ul	0.05
19) Nitrobenzene-d5	8.84	128	156292	27.72	ng/ul	0.02
22) 2-Nitrophenol-d4	9.55	143	171219	27.40	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	297242	25.96	ng/ul	0.04
29) 4-Chloroaniline-d4	10.60	131	361726	27.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1063415m	38.07	ng/ul	0.06
46) Acenaphthylene-d8	14.02	160	1320384	40.00	ng/ul	0.02
51) 4-Nitrophenol-d4	14.64	143	107941m	26.23	ng/ul	0.09
57) Fluorene-d10	15.32	176	1479409	60.93	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.49	200	156551	30.78	ng/ul	0.02
70) Anthracene-d10	17.17	188	1412293	37.94	ng/ul	0.01
76) Pyrene-d10	19.46	212	1593902	40.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1543760	36.78	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.91	94	783243	66.83	ng/ul	96
11) 2-Methylphenol	8.16	108	3876142	451.86	ng/ul	99
16) 4-Methylphenol	8.51	108	5760944	619.26	ng/ul	89
24) 2,4-Dimethylphenol	9.72	107	10765094m	754.19	ng/ul	
28) Naphthalene	10.50	128	1733185	46.93	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	1715862	64.30	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	391786	13.98	ng/ul#	91
49) Acenaphthene	14.39	153	91598m	3.97	ng/ul	
53) Dibenzofuran	14.73	168	164544	4.89	ng/ul#	82
58) Fluorene	15.37	166	142182	5.14	ng/ul#	89
84) Di-n-octyl phthalate	22.09	149	568631m	11.86	ng/ul	

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

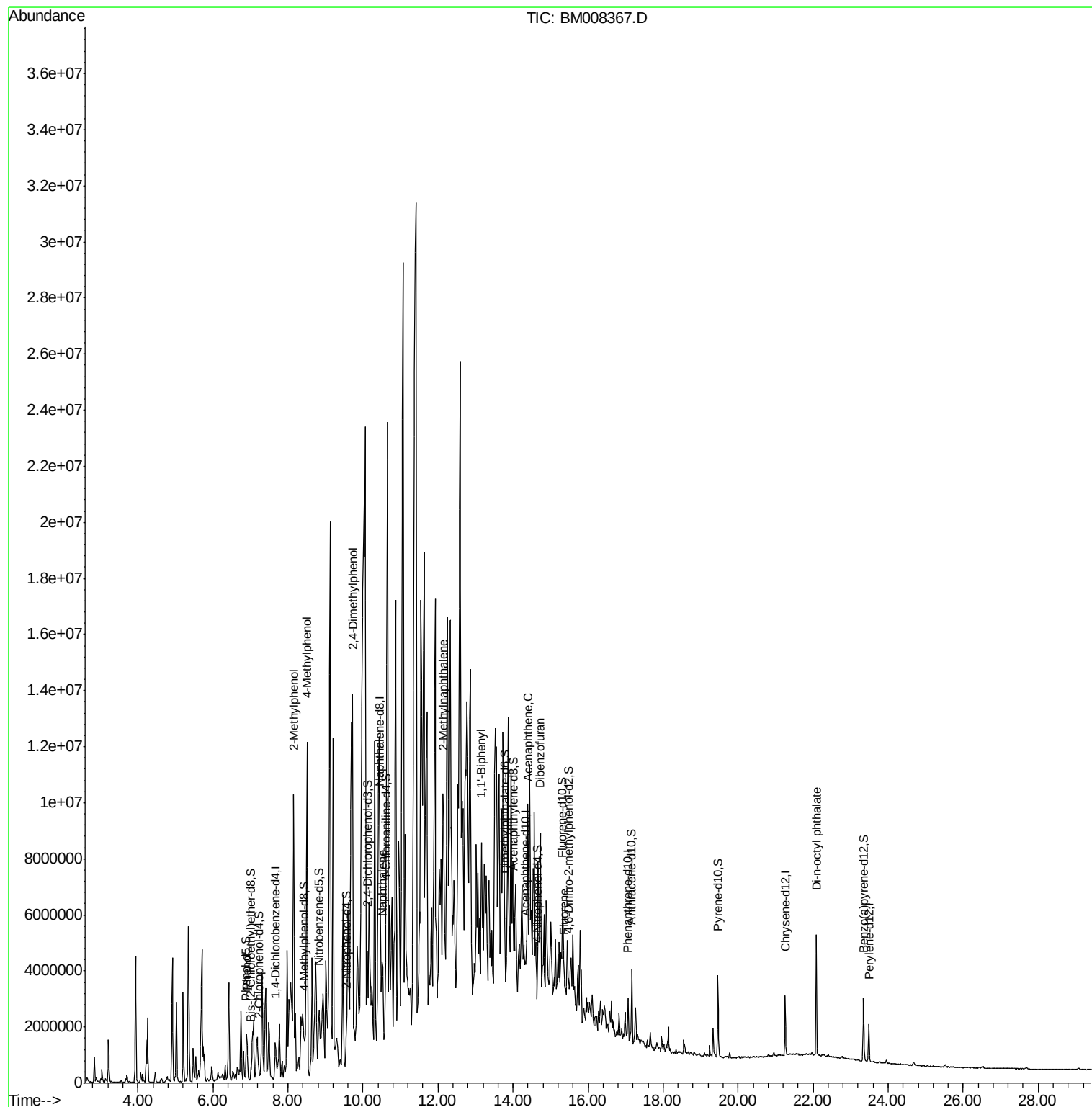
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008367.D
Acq On : 16 Dec 2016 05:40
Operator : UM/SJ
Sample : H6039-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

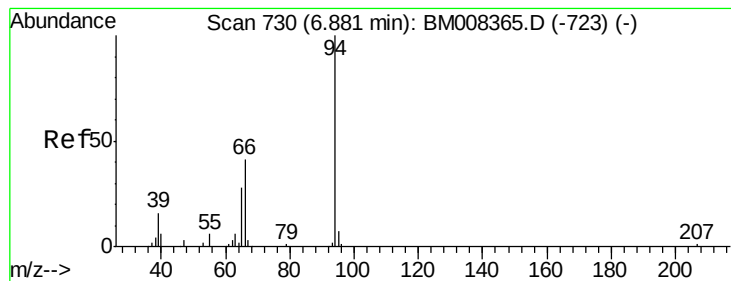
Instrument :
BNA_M
ClientSampleId :
DA8T3

Manual Integrations
APPROVED

sohil
12/16/2016 6:22:34 PM

Quant Time: Dec 16 12:23:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration





#6

Phenol

Concen: 66.83 ng/ul

RT: 6.91 min Scan# 735

Delta R.T. 0.03 min

Lab File: BM008367.D

Acq: 16 Dec 2016 05:40

Instrument :

BNA_M

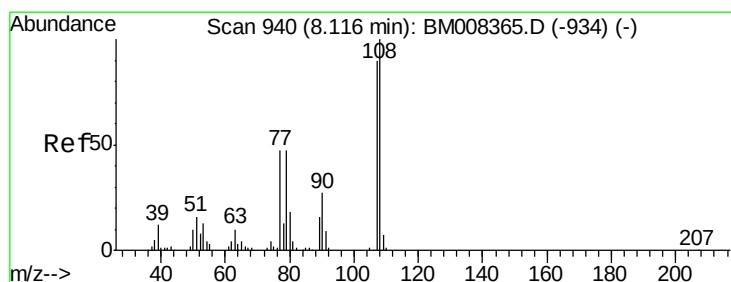
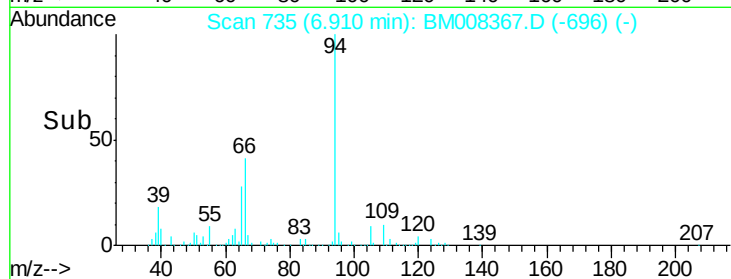
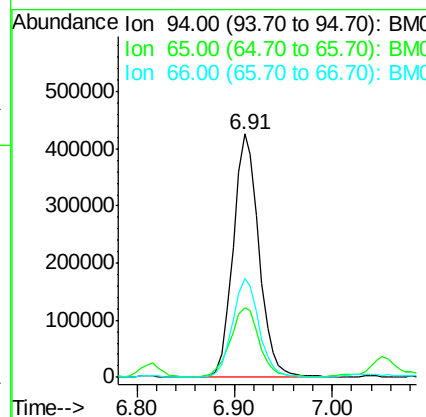
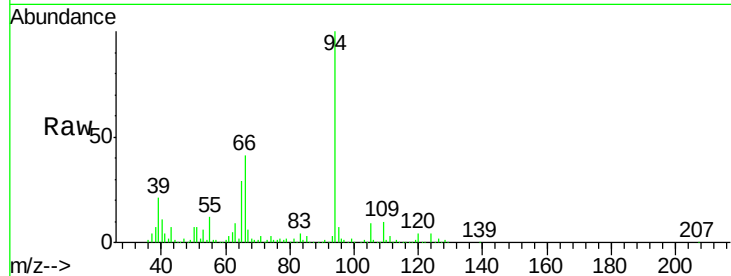
ClientSampled :

DA8T3

Tgt Ion:	94	Resp:	783243
Ion Ratio	Lower	Upper	
94	100		
65	28.8	22.6	34.0
66	40.7	35.8	53.8

Manual Integrations
APPROVED

sohil
12/16/2016 6:22:34 PM



#11

2-Methylphenol

Concen: 451.86 ng/ul

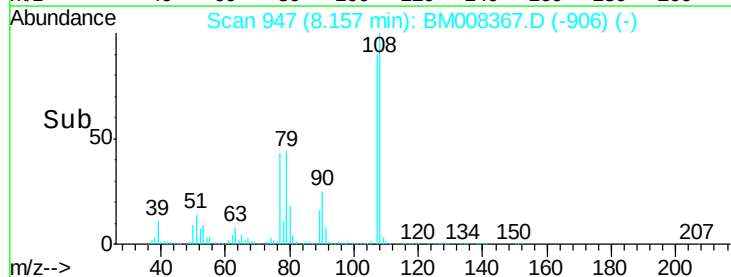
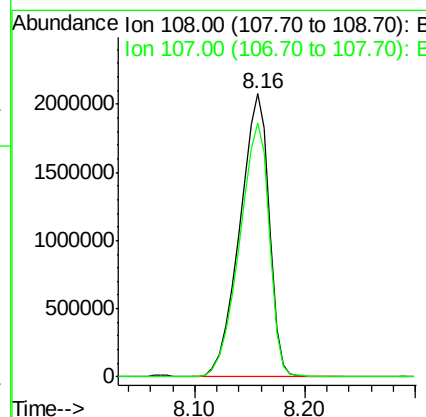
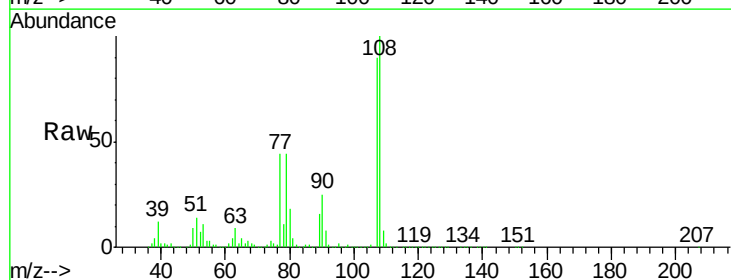
RT: 8.16 min Scan# 947

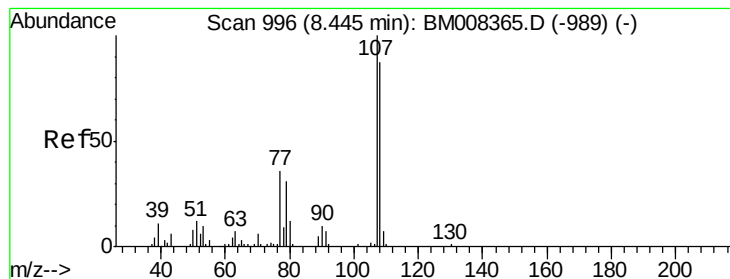
Delta R.T. 0.04 min

Lab File: BM008367.D

Acq: 16 Dec 2016 05:40

Tgt Ion:	108	Resp:	3876142
Ion Ratio	Lower	Upper	
108	100		
107	89.7	70.8	106.2





#16

4-Methylphenol

Concen: 619.26 ng/ul

RT: 8.51 min Scan# 1007

Delta R.T. 0.06 min

Lab File: BM008367.D

Acq: 16 Dec 2016 05:40

Instrument :

BNA_M

ClientSampleID :

DA8T3

Tgt Ion:108 Resp: 5760944

Ion Ratio Lower Upper

108 100

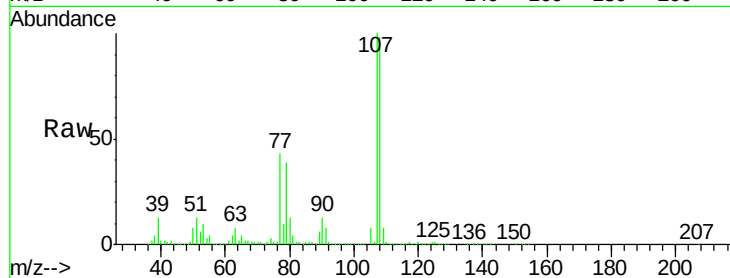
107 101.8 90.6 135.8

Manual Integrations

APPROVED

sohil

12/16/2016 6:22:34 PM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

3000000

2500000

2000000

1500000

1000000

500000

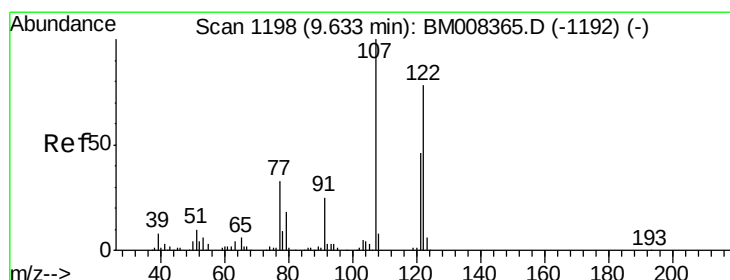
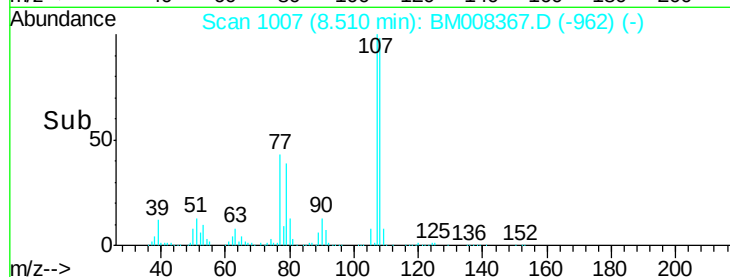
0

8.40

8.51

8.60

Time-->



#24

2,4-Dimethylphenol

Concen: 754.19 ng/ul m

RT: 9.72 min Scan# 1213

Delta R.T. 0.09 min

Lab File: BM008367.D

Acq: 16 Dec 2016 05:40

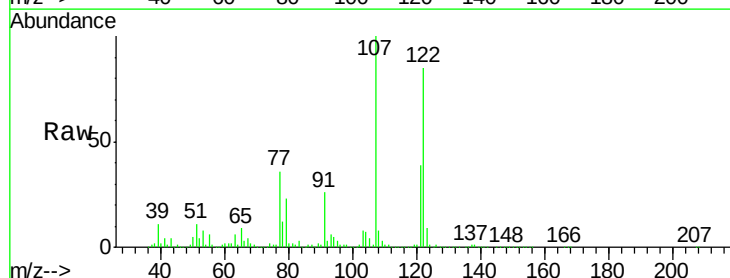
Tgt Ion:107 Resp:10765094

Ion Ratio Lower Upper

107 100

121 38.6 37.3 55.9

122 84.9 58.2 87.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

3000000

2000000

1000000

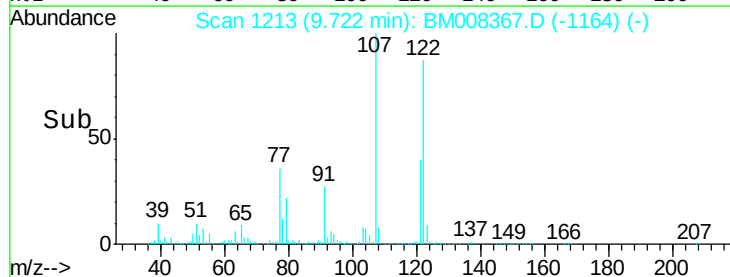
0

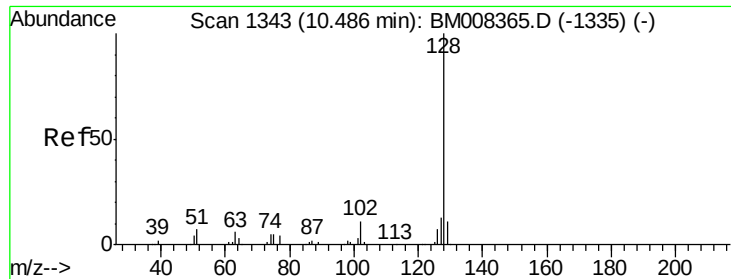
9.60

9.72

9.80

Time-->





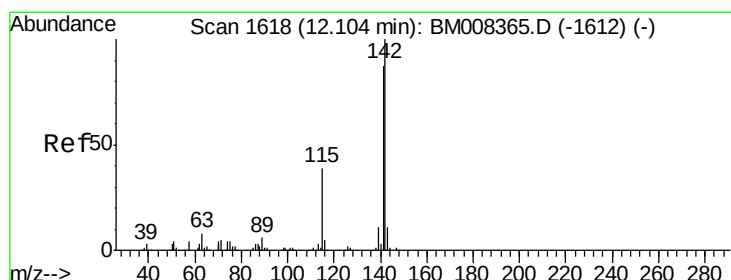
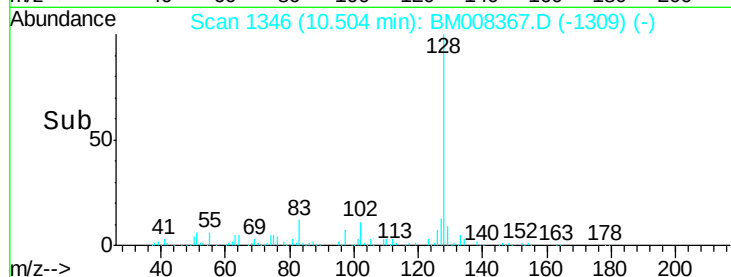
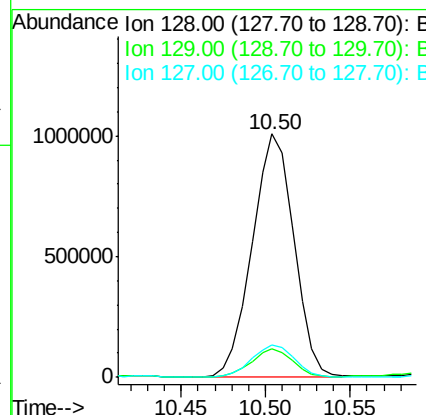
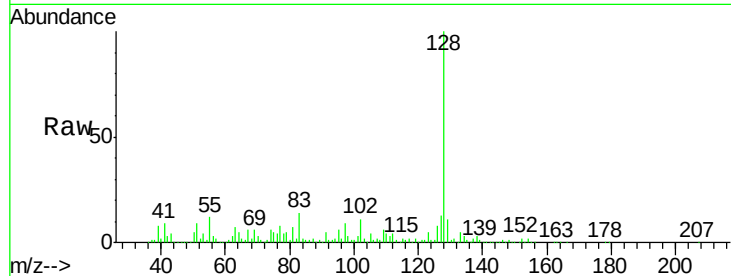
#28
Naphthalene
Concen: 46.93 ng/ul
RT: 10.50 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BM008367.D
Acq: 16 Dec 2016 05:40

Instrument :
BNA_M
ClientSampleId :
DA8T3

Tgt Ion:128 Resp: 1733185
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.4 10.4 15.6

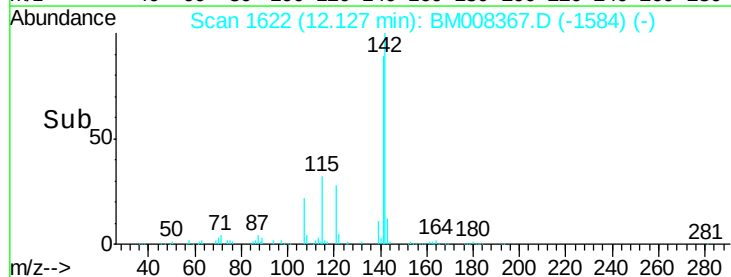
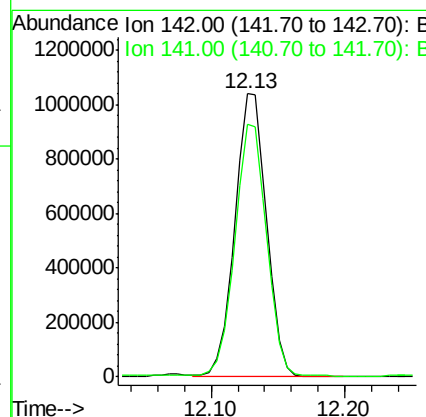
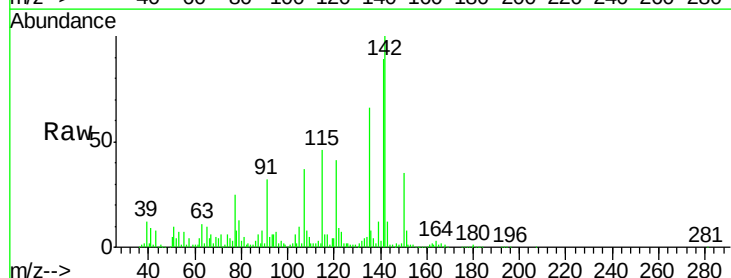
Manual Integrations
APPROVED

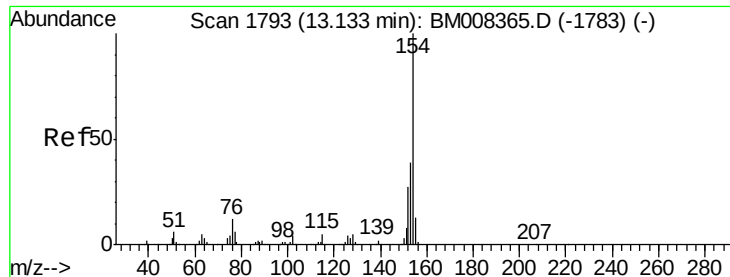
sohil
12/16/2016 6:22:34 PM



#34
2-Methylnaphthalene
Concen: 64.30 ng/ul
RT: 12.13 min Scan# 1622
Delta R.T. 0.02 min
Lab File: BM008367.D
Acq: 16 Dec 2016 05:40

Tgt Ion:142 Resp: 1715862
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7





#40

1,1'-Biphenyl

Concen: 13.98 ng/ul

RT: 13.15 min Scan# 1796

Delta R.T. 0.02 min

Lab File: BM008367.D

Acq: 16 Dec 2016 05:40

Instrument :

BNA_M

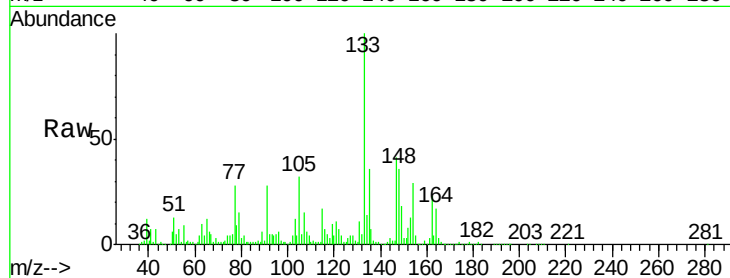
ClientSampled :

DA8T3

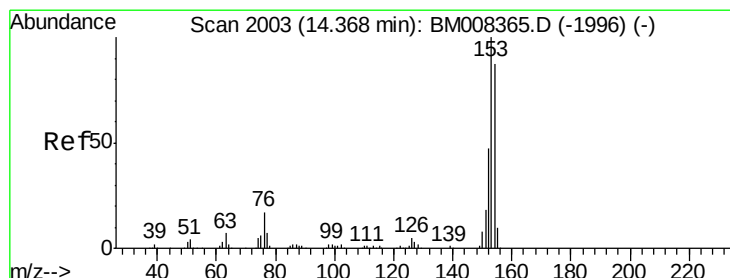
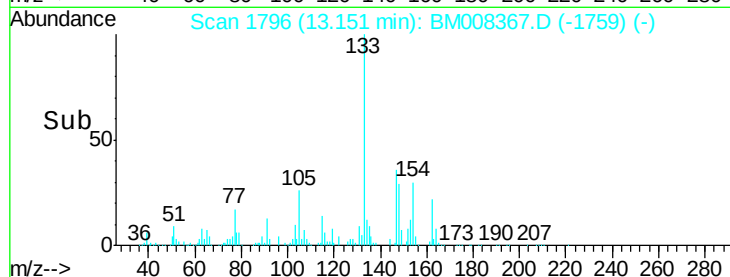
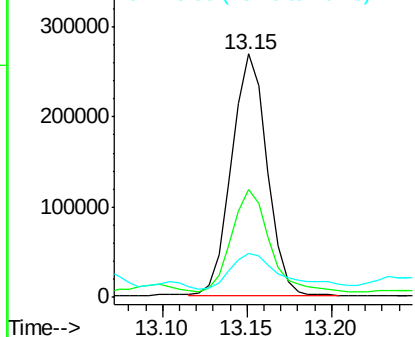
Tgt Ion:	154	Resp:	391786
Ion Ratio	Lower	Upper	
154	100		
153	44.5	32.0	48.0
76	18.1	9.4	14.0

Manual Integrations
APPROVED

sohil
12/16/2016 6:22:34 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#49

Acenaphthene

Concen: 3.97 ng/ul m

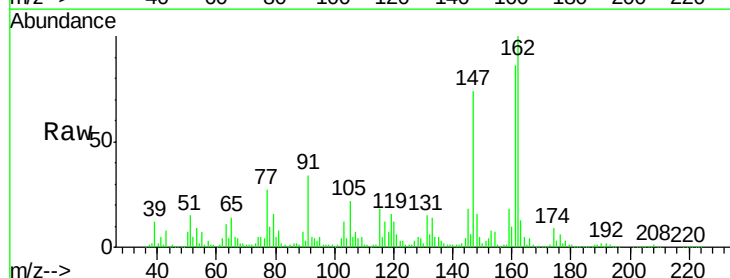
RT: 14.39 min Scan# 2006

Delta R.T. 0.02 min

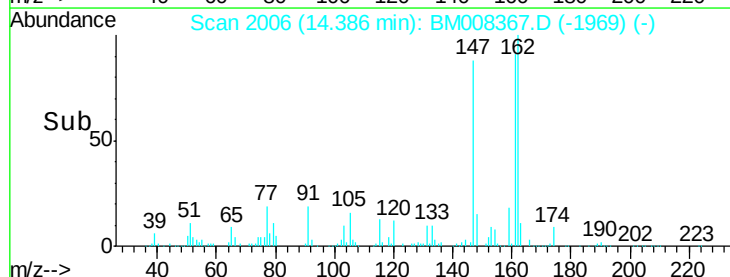
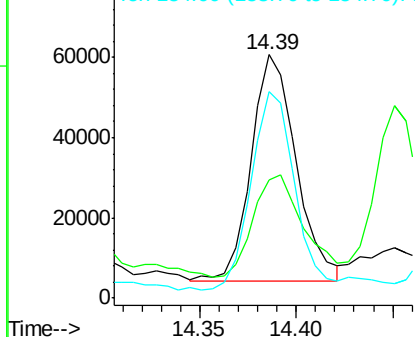
Lab File: BM008367.D

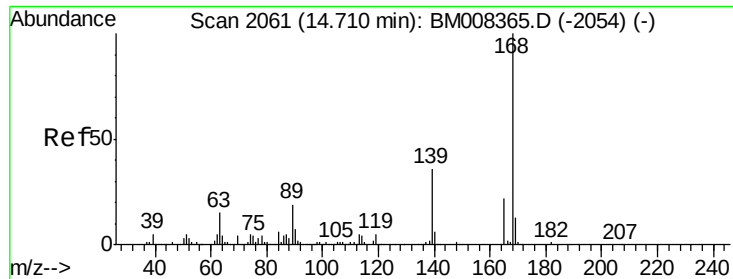
Acq: 16 Dec 2016 05:40

Tgt Ion:	153	Resp:	91598
Ion Ratio	Lower	Upper	
153	100		
152	48.7	36.6	54.8
154	84.8	71.4	107.2



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





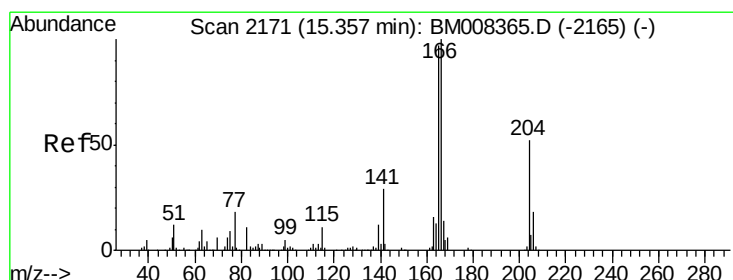
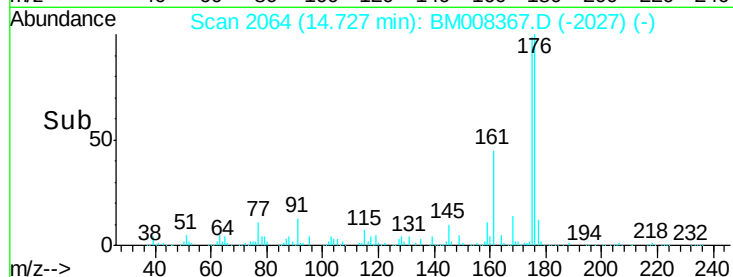
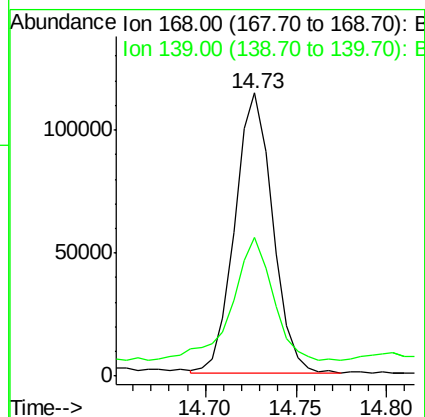
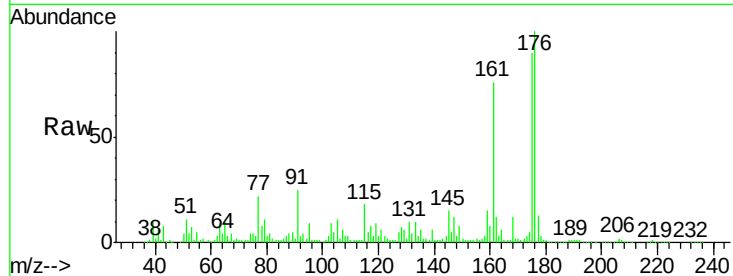
#53
Dibenzenofuran
Concen: 4.89 ng/ul
RT: 14.73 min Scan# 2064
Delta R.T. 0.02 min
Lab File: BM008367.D
Acq: 16 Dec 2016 05:40

Instrument :
BNA_M
ClientSampled :
DA8T3

Tgt Ion:168 Resp: 164544
Ion Ratio Lower Upper
168 100
139 48.8 30.5 45.7#

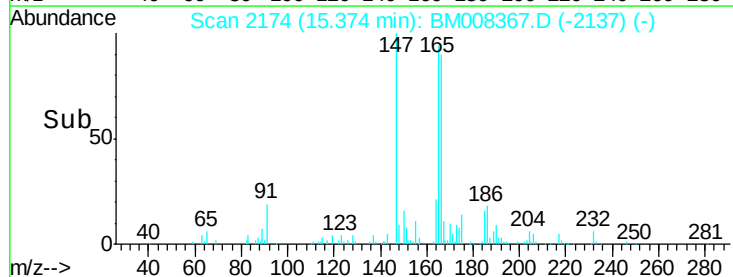
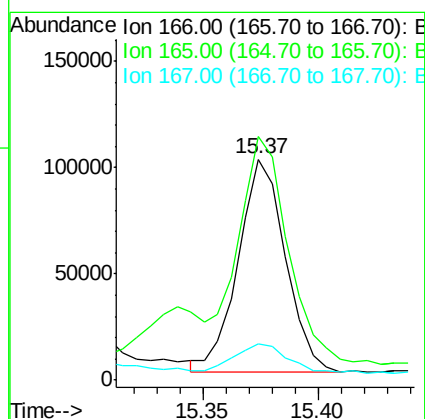
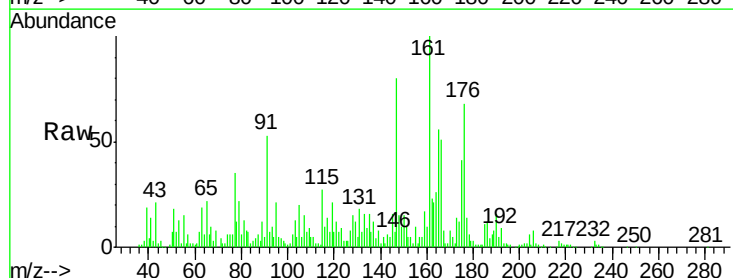
Manual Integrations
APPROVED

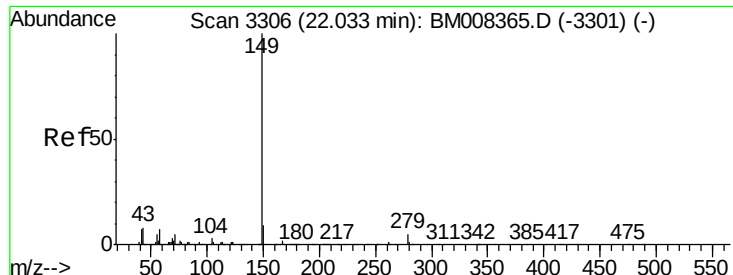
sohil
12/16/2016 6:22:34 PM



#58
Fluorene
Concen: 5.14 ng/ul
RT: 15.37 min Scan# 2174
Delta R.T. 0.02 min
Lab File: BM008367.D
Acq: 16 Dec 2016 05:40

Tgt Ion:166 Resp: 142182
Ion Ratio Lower Upper
166 100
165 110.2 79.3 118.9
167 16.5 10.7 16.1#





#84

Di-n-octyl phthalate

Concen: 11.86 ng/ul m

RT: 22.09 min Scan# 3315

Delta R.T. 0.05 min

Lab File: BM008367.D

Acq: 16 Dec 2016 05:40

Instrument :

BNA_M

ClientSampleId :

DA8T3

Tgt Ion:149 Resp: 568631

Ion Ratio Lower Upper

149 100

167 47.5 1.3 1.9#

43 19.2 6.7 10.1#

Manual Integrations
APPROVED

sohil
12/16/2016 6:22:34 PM

