

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008144.D
 Acq On : 01 Dec 2016 19:05
 Operator : UM/SJ
 Sample : H5730-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MS

Manual Integrations
 APPROVED

sohil
 12/2/2016 4:19:44 PM

Quant Time: Dec 02 03:34:54 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 03:12:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	180830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	699400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	423469	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	775749	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	910270	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	928527	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12659	3.46	ng/uL	0.00
5) Phenol-d5	6.88	99	234967	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	146844	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	190308	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	162734	15.53	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	93616	18.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	101812	17.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	172909	16.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	184101	18.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	539172	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	631587	18.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	54512m	12.93	ng/ul	0.00
57) Fluorene-d10	15.33	176	458042	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	58486	12.70	ng/ul	0.00
70) Anthracene-d10	17.18	188	618729	18.54	ng/ul	0.00
76) Pyrene-d10	19.48	212	713809	19.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	719453	18.60	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	292634	21.14	ng/ul	97
10) 2-Chlorophenol	7.26	128	194424	18.20	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	166344	18.91	ng/ul	98
33) 4-Chloro-3-methylphenol	11.78	107	175820	16.08	ng/ul	99
44) Dimethylphthalate	13.80	163	81742	3.05	ng/ul	100
49) Acenaphthene	14.40	153	446493	19.32	ng/ul	97
52) 4-Nitrophenol	14.59	109	48713	12.29	ng/ul	93
54) 2,4-Dinitrotoluene	14.73	165	139684	18.47	ng/ul#	82
68) Pentachlorophenol	16.74	266	89753	16.30	ng/ul	97
77) Pyrene	19.52	202	950246	20.29	ng/ul	97

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

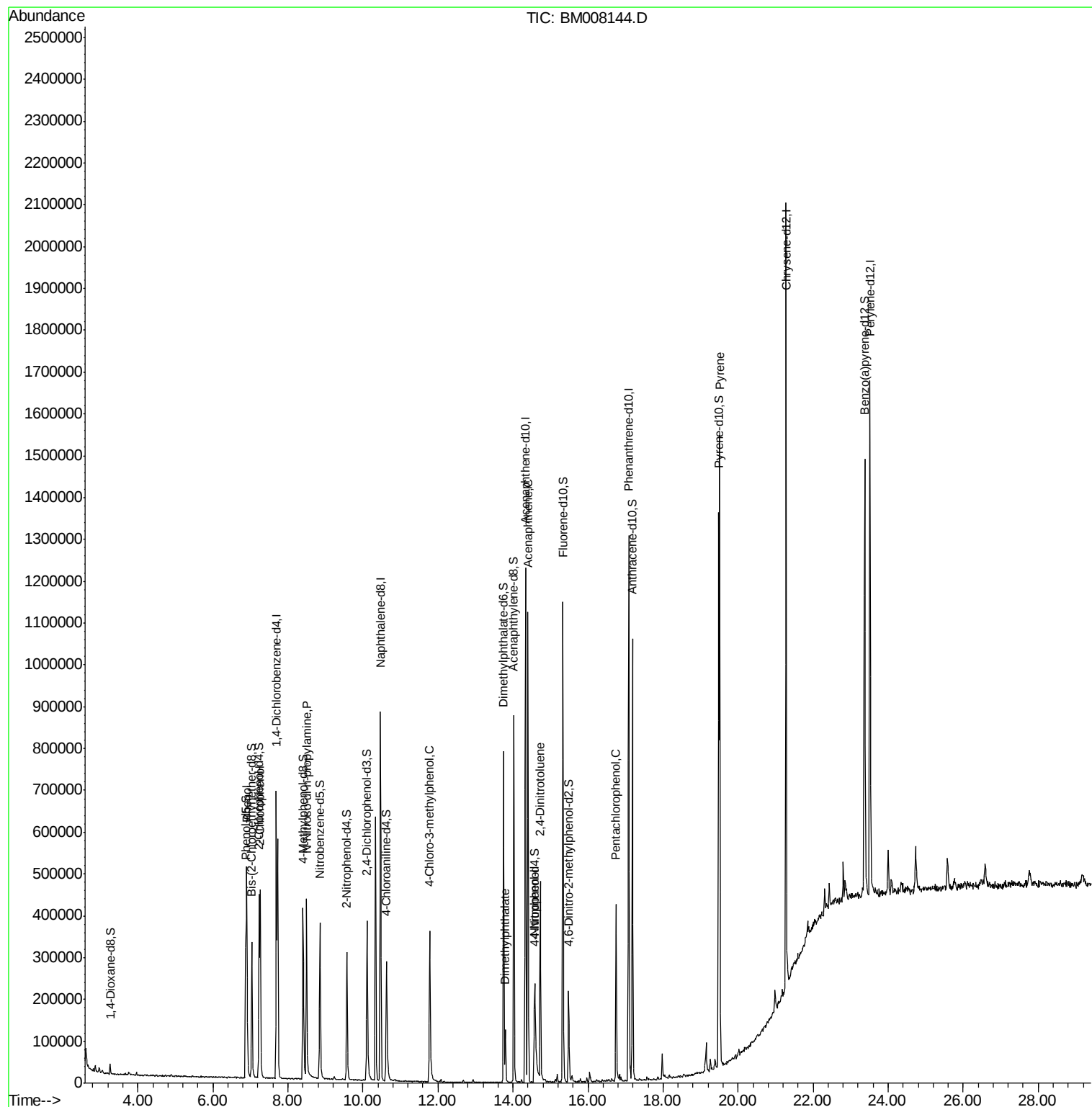
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008144.D
Acq On : 01 Dec 2016 19:05
Operator : UM/SJ
Sample : H5730-10MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

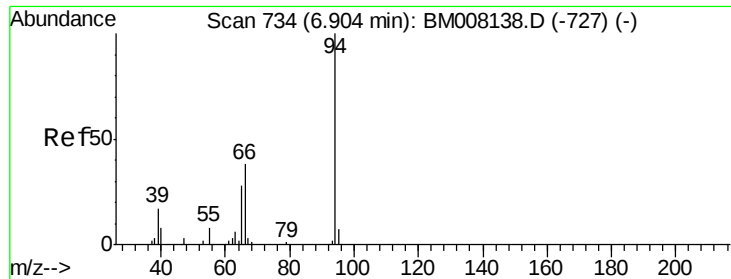
Instrument :
BNA_M
ClientSampleId :
A4WH6MS

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:44 PM

Quant Time: Dec 02 03:34:54 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 03:12:28 2016
Response via : Initial Calibration





#6

Phenol

Concen: 21.14 ng/ul

RT: 6.90 min Scan# 734

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Instrument :

BNA_M

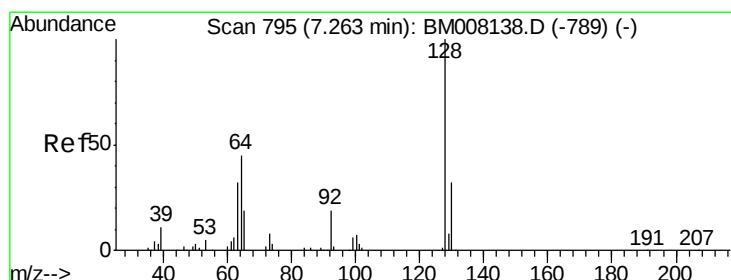
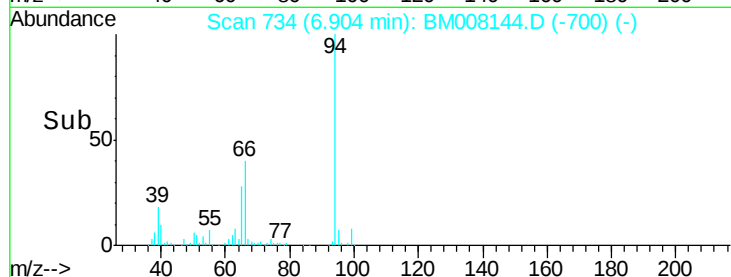
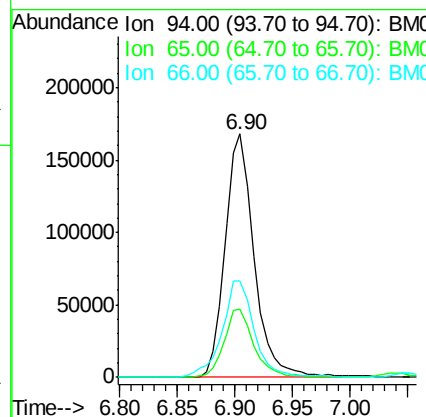
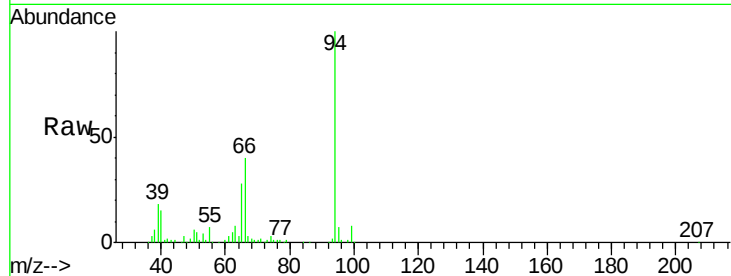
ClientSampleId :

A4WH6MS

Tot Ion:	94	Resp:	292634
Ion Ratio	Lower	Upper	
94	100		
65	28.2	23.1	34.7
66	39.8	33.7	50.5

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:44 PM



#10

2-Chlorophenol

Concen: 18.20 ng/ul

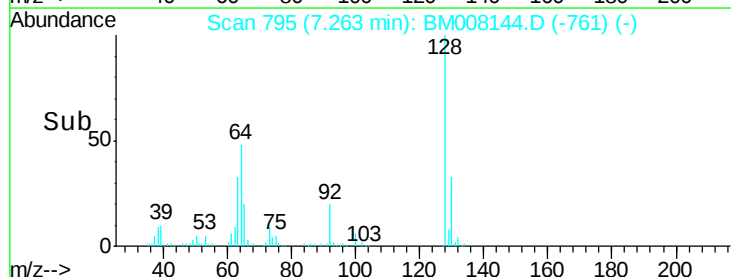
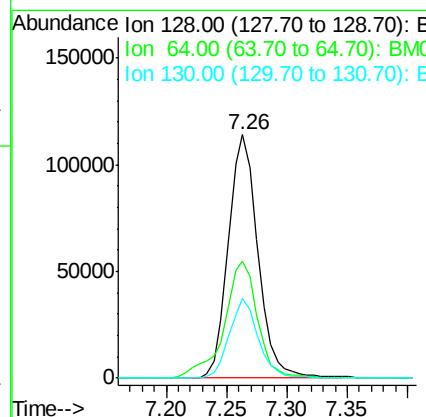
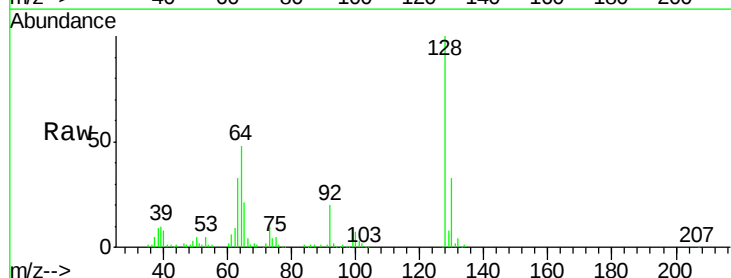
RT: 7.26 min Scan# 795

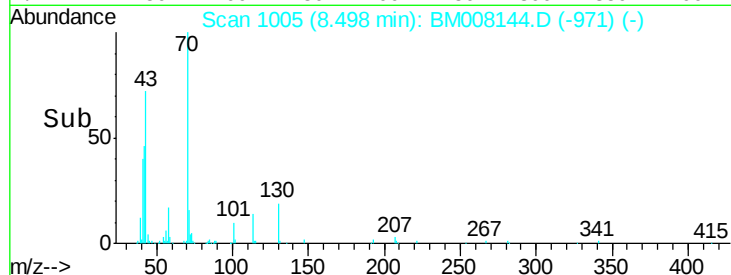
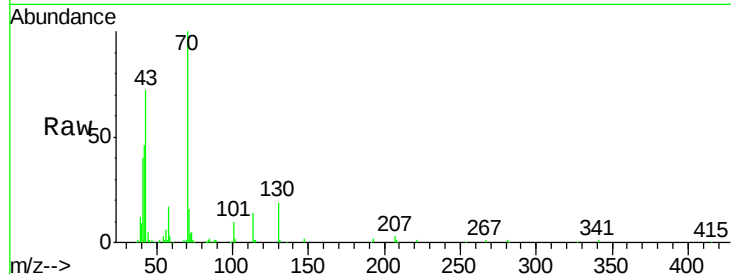
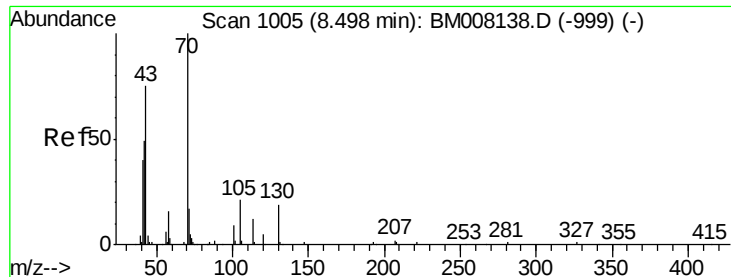
Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Tgt Ion:	128	Resp:	194424
Ion Ratio	Lower	Upper	
128	100		
64	48.1	38.7	58.1
130	32.8	26.9	40.3





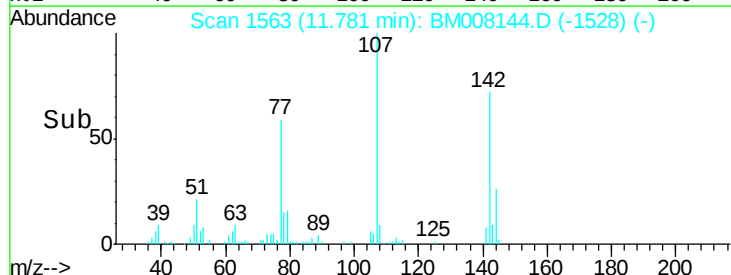
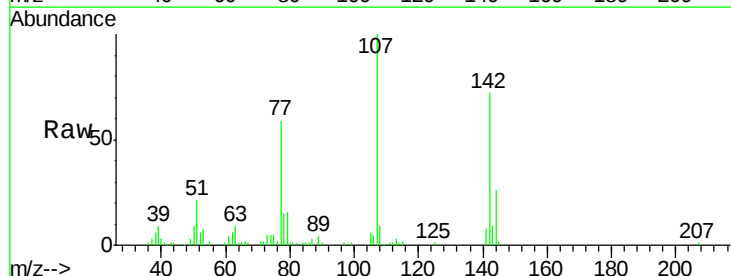
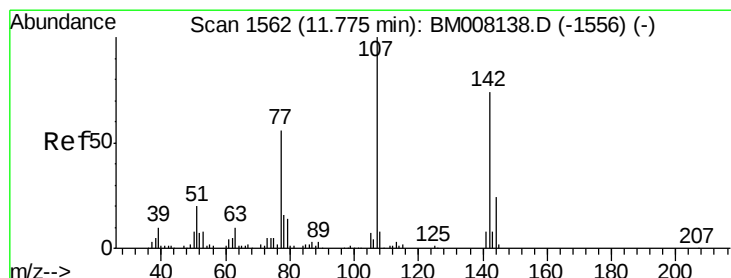
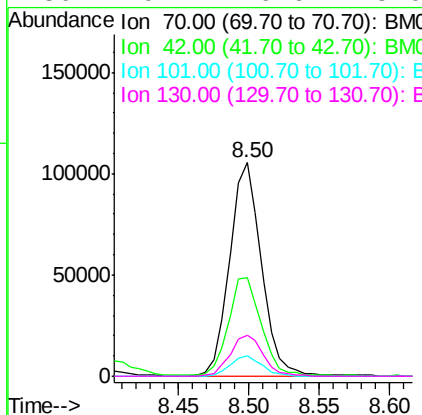
#15
N-Nitroso-di-n-propylamine
Concen: 18.91 ng/ul
RT: 8.50 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BM008144.D
Acq: 01 Dec 2016 19:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		166344		
42	46.3	37.5	56.3		
101	9.6	7.8	11.8		
130	19.2	16.6	25.0		

Instrument :
BNA_M
ClientSampleId :
A4WH6MS

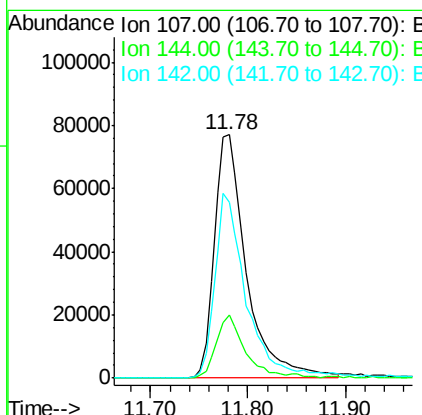
Manual Integrations
APPROVED

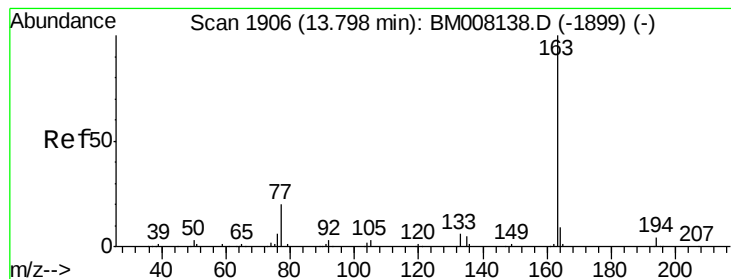
sohil
12/2/2016 4:19:44 PM



#33
4-Chloro-3-methylphenol
Concen: 16.08 ng/ul
RT: 11.78 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BM008144.D
Acq: 01 Dec 2016 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		175820		
144	25.8	19.4	29.2		
142	72.4	58.0	87.0		





#44

Dimethylphthalate

Concen: 3.05 ng/ul

RT: 13.80 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Instrument :

BNA_M

ClientSampleId :

A4WH6MS

Tot Ion:163 Resp: 81742

Ion Ratio Lower Upper

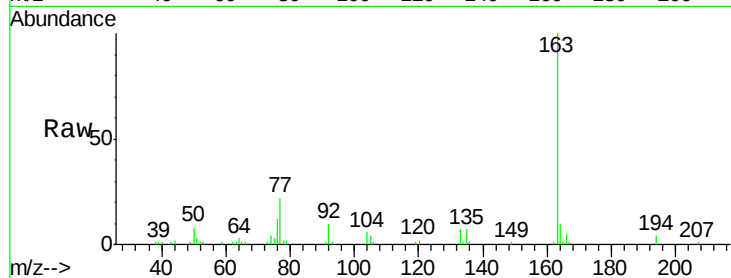
163 100

194 4.4 3.4 5.0

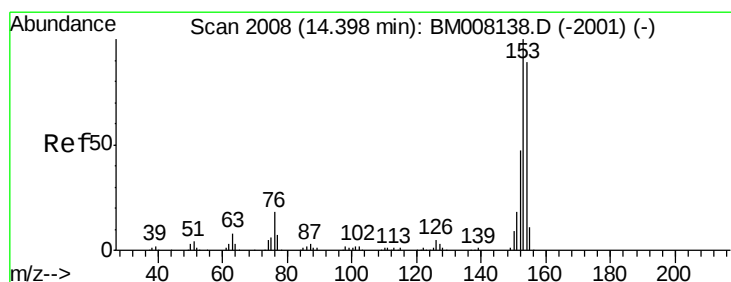
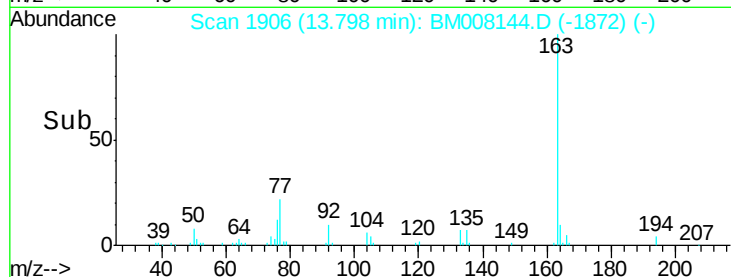
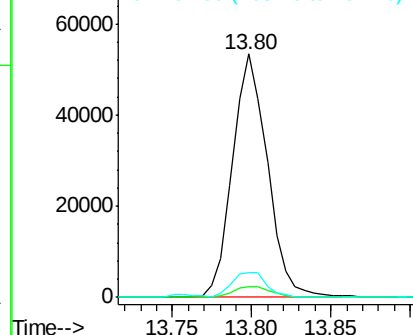
164 10.3 8.2 12.4

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:44 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: 19.32 ng/ul

RT: 14.40 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

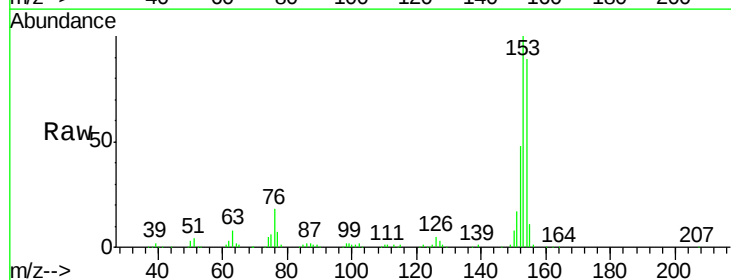
Tgt Ion:153 Resp: 446493

Ion Ratio Lower Upper

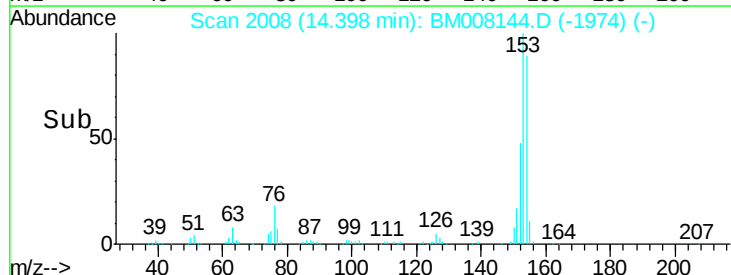
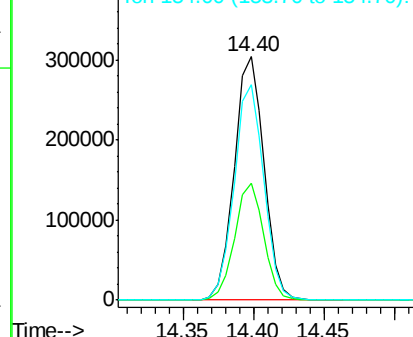
153 100

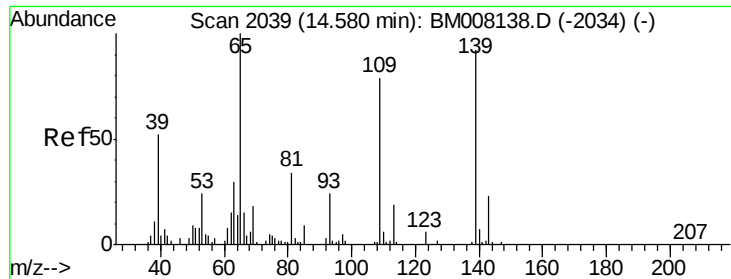
152 48.3 36.4 54.6

154 88.7 68.7 103.1



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





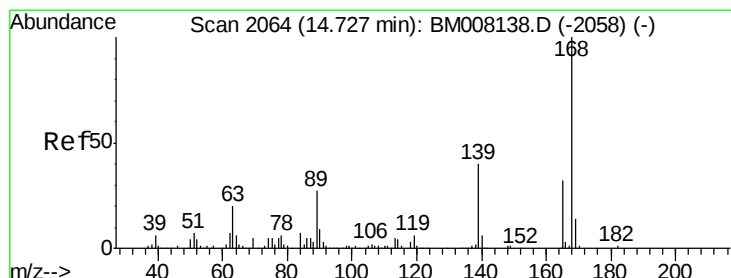
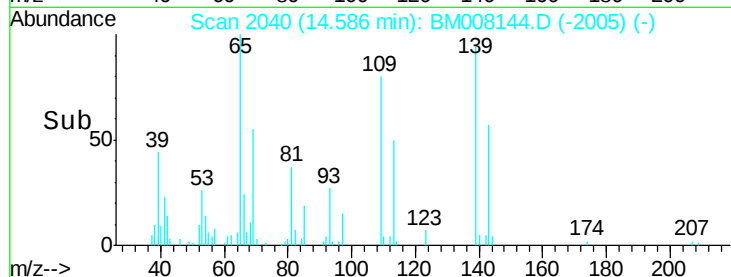
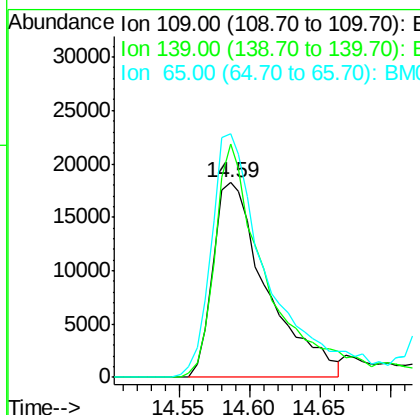
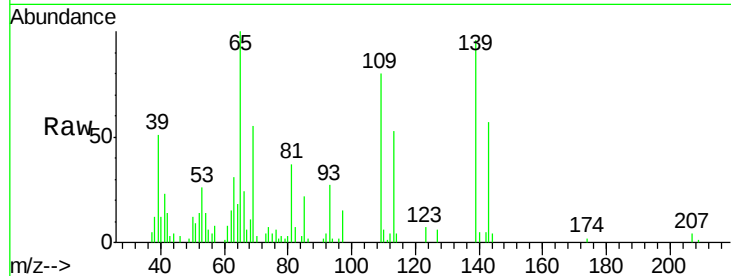
#52
4-Nitrophenol
Concen: 12.29 ng/ul
RT: 14.59 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BM008144.D
Acq: 01 Dec 2016 19:05

Instrument :
BNA_M
ClientSampleId :
A4WH6MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	48713		
139	120.1	85.4	128.2	
65	125.0	97.7	146.5	

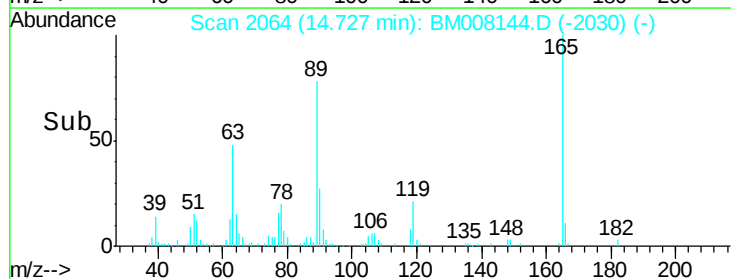
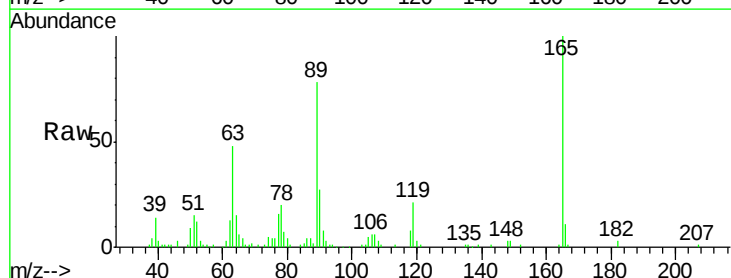
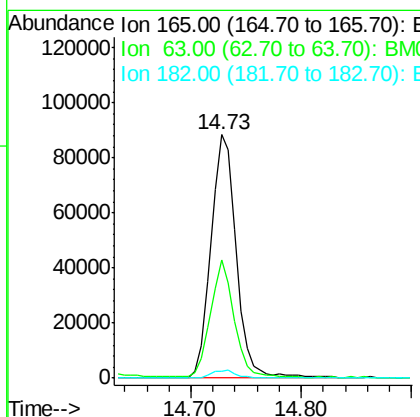
Manual Integrations
APPROVED

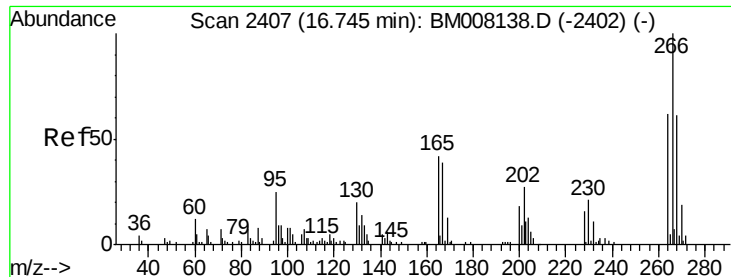
sohil
12/2/2016 4:19:44 PM



#54
2,4-Dinitrotoluene
Concen: 18.47 ng/ul
RT: 14.73 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BM008144.D
Acq: 01 Dec 2016 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	139684		
63	48.4	50.6	76.0#	
182	2.9	2.7	4.1	





#68

Pentachlorophenol

Concen: 16.30 ng/ul

RT: 16.74 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Instrument :

BNA_M

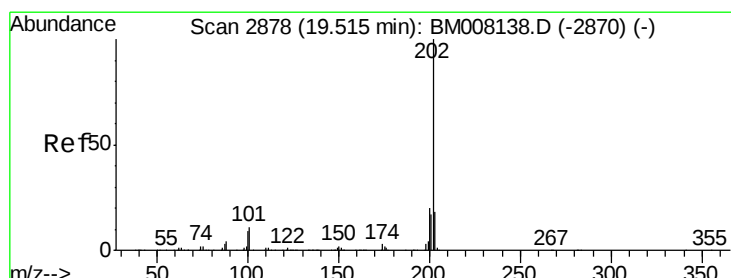
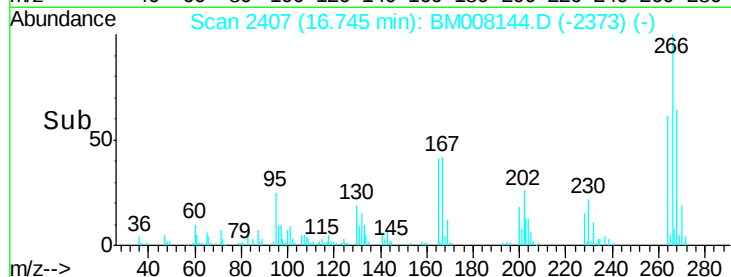
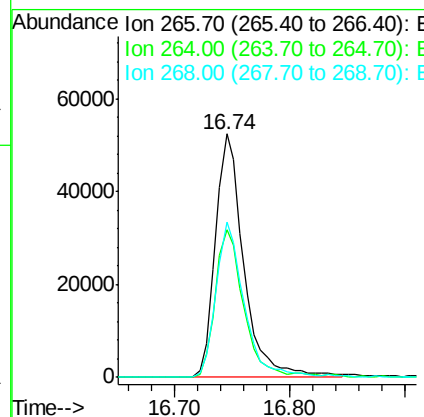
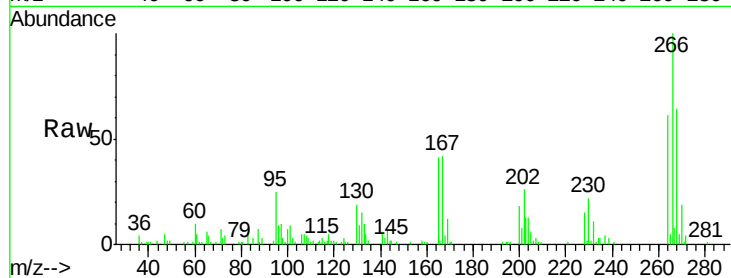
ClientSampleId :

A4WH6MS

Tot Ion:	266	Resp:	89753
Ion Ratio	Lower	Upper	
266	100		
264	60.7	50.6	75.8
268	63.6	49.1	73.7

Manual Integrations
APPROVED

sohil
12/2/2016 4:19:44 PM



#77

Pyrene

Concen: 20.29 ng/ul

RT: 19.52 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BM008144.D

Acq: 01 Dec 2016 19:05

Tgt Ion:	202	Resp:	950246
Ion Ratio	Lower	Upper	
202	100		
101	9.5	8.6	12.8
100	8.6	6.5	9.7

