

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004538.D
 Acq On : 03 Mar 2016 18:25
 Operator : SJ/UM
 Sample : H1584-14MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0075MSD

Manual Integrations
 APPROVED

UMANGI
 3/4/2016 4:20:59 PM

Quant Time: Mar 04 04:25:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 13:26:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	19042	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	81060	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	46309	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	105301	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	119808	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	116298	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.79	99	8322	5.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	21006	27.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	30306	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	15582	11.52	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	18099	29.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	19965	28.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	31551	25.15	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.67	166	115933	30.10	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	137159	29.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	1847m	3.25	ng/ul	0.04
58) Fluorene-d10	15.26	176	101342	30.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	16581	24.25	ng/ul	0.00
71) Anthracene-d10	17.11	188	159452	30.95	ng/ul	0.00
79) Pyrene-d10	19.42	212	177518	27.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	183740	29.70	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.82	94	8806	5.43	ng/ul	95
10) 2-Chlorophenol	7.16	128	30469	21.33	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	25076	25.14	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	30551	21.05	ng/ul	97
50) Acenaphthene	14.32	153	100363	29.35	ng/ul	98
53) 4-Nitrophenol	14.56	109	927	2.37	ng/ul	96
55) 2,4-Dinitrotoluene	14.66	165	34261	28.87	ng/ul	89
69) Pentachlorophenol	16.68	266	19512	34.98	ng/ul	98
80) Pyrene	19.45	202	232403	26.73	ng/ul	100

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

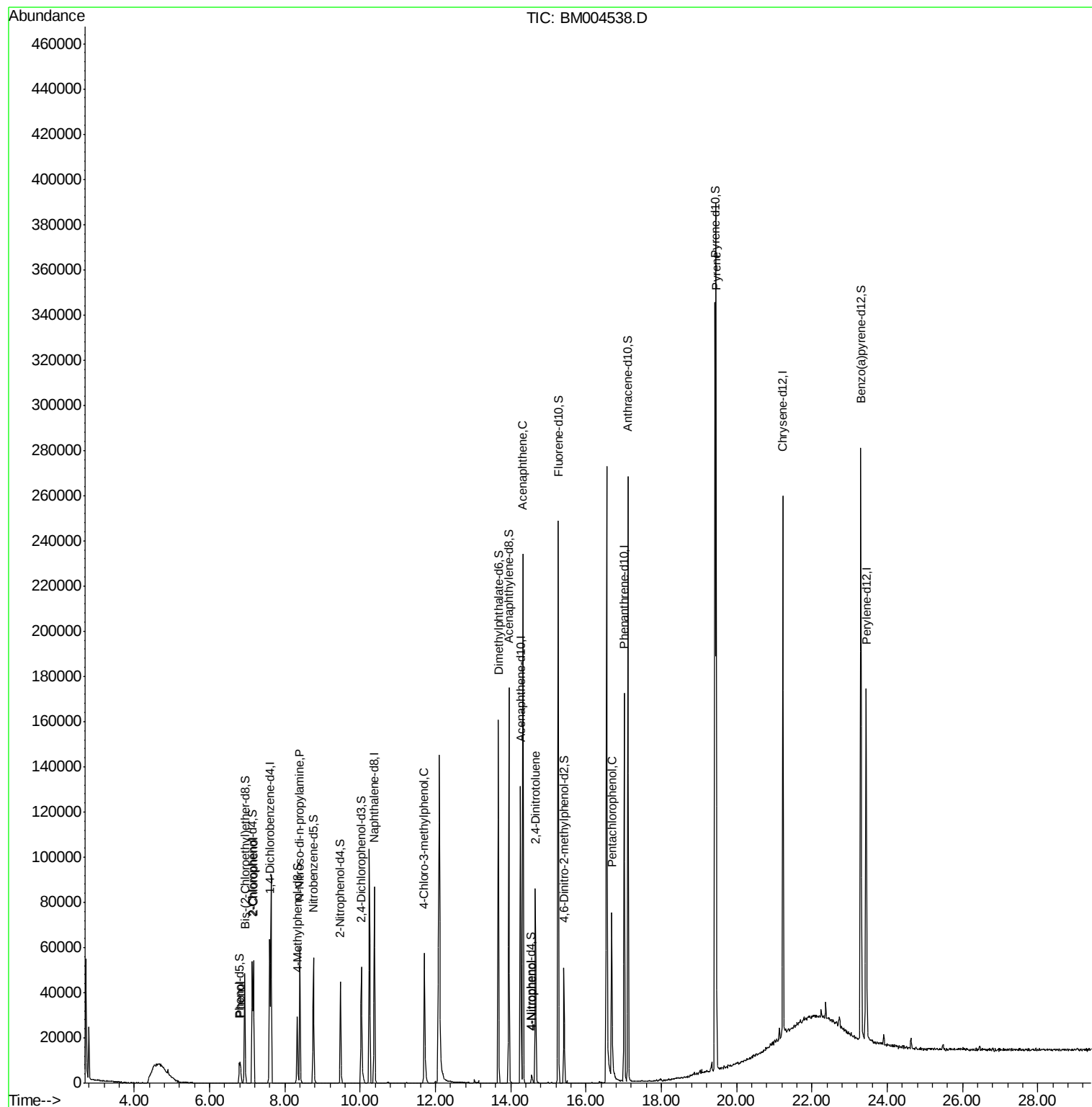
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004538.D
Acq On : 03 Mar 2016 18:25
Operator : SJ/UM
Sample : H1584-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

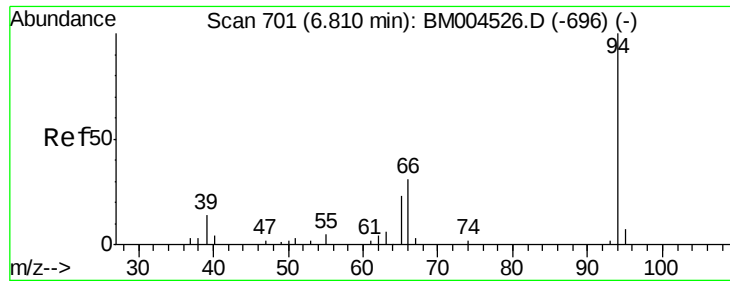
Instrument :
BNA_M
ClientSampleId :
H0075MSD

Manual Integrations
APPROVED

UMANGI
3/4/2016 4:20:59 PM

Quant Time: Mar 04 04:25:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 03 13:26:11 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.43 ng/ul

RT: 6.82 min Scan# 702

Delta R.T. 0.01 min

Lab File: BM004538.D

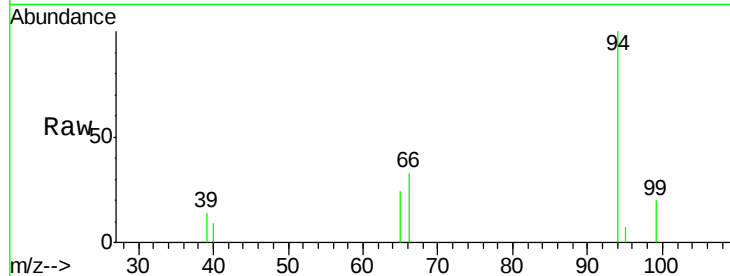
Acq: 03 Mar 2016 18:25

Instrument :

BNA_M

ClientSampleId :

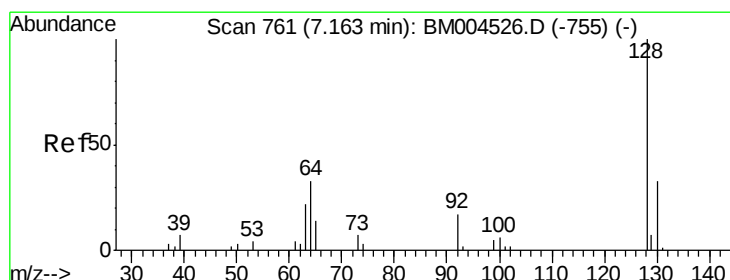
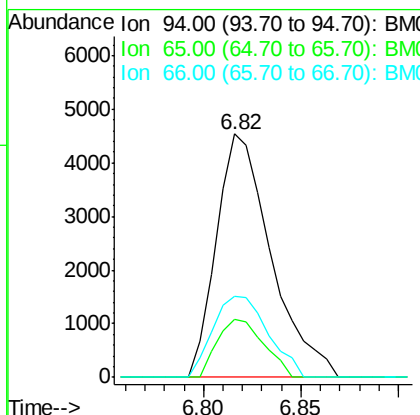
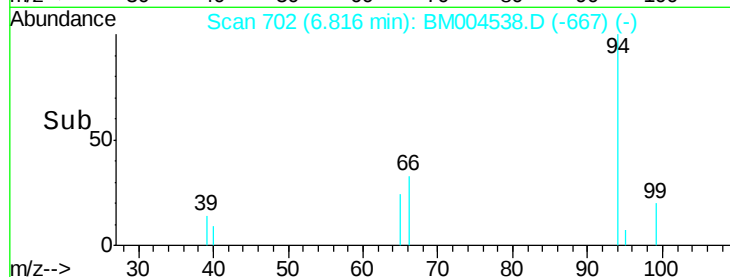
H0075MSD



Tgt Ion:	94	Resp:	8806
Ion	Ratio	Lower	Upper
94	100		
65	23.9	21.0	31.6
66	33.4	29.3	43.9

Manual Integrations
APPROVED

UMANGI
3/4/2016 4:20:59 PM



#10

2-Chlorophenol

Concen: 21.33 ng/ul

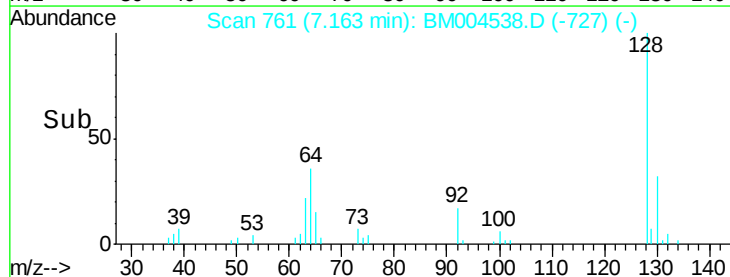
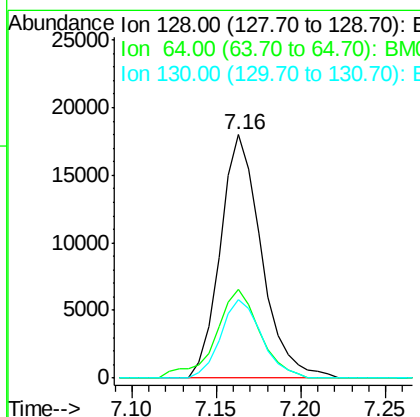
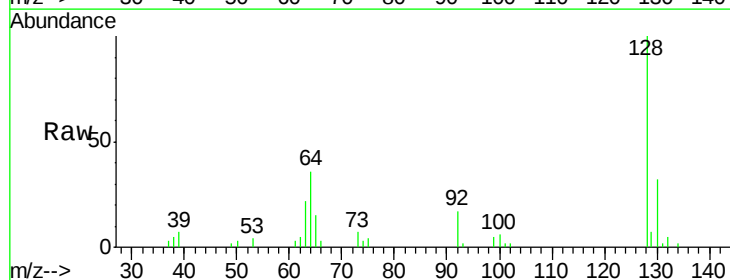
RT: 7.16 min Scan# 761

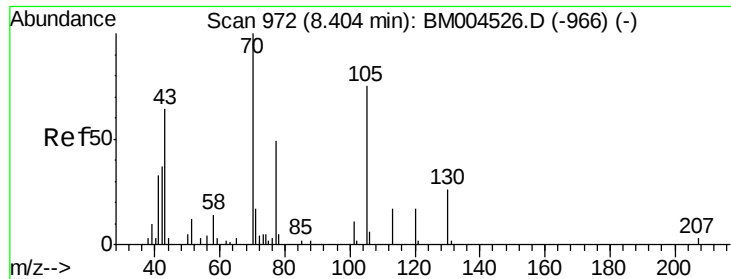
Delta R.T. 0.00 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

Tgt Ion:	128	Resp:	30469
Ion	Ratio	Lower	Upper
128	100		
64	36.3	31.9	47.9
130	32.1	25.6	38.4





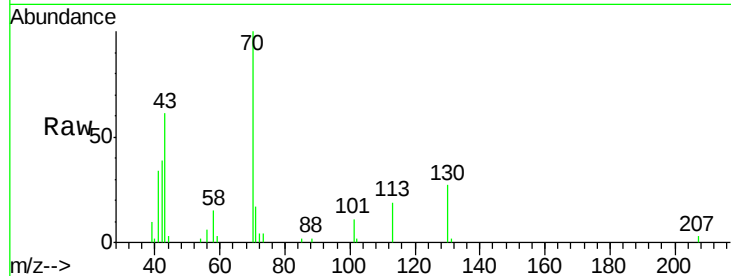
#15
N-Nitroso-di-n-propylamine
Concen: 25.14 ng/ul
RT: 8.40 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM004538.D
Acq: 03 Mar 2016 18:25

Instrument :
BNA_M
ClientSampleId :
H0075MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.0	35.4	53.0
101	11.4	8.4	12.6
130	26.9	18.2	27.4

Manual Integrations
APPROVED

UMANGI
3/4/2016 4:20:59 PM



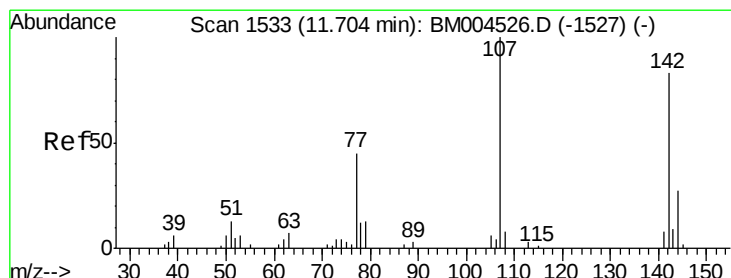
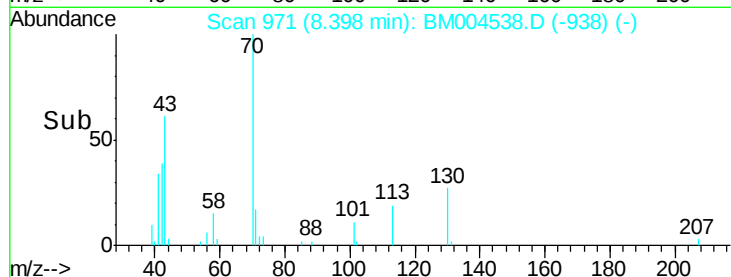
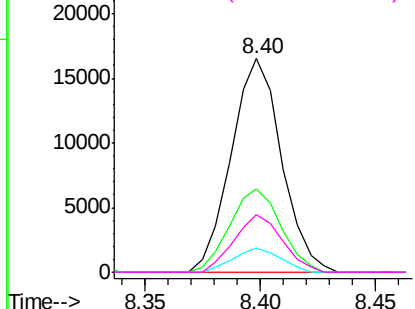
Abundance

Ion 70.00 (69.70 to 70.70): BM004526.D (-966) (-)

Ion 42.00 (41.70 to 42.70): BM004526.D (-966) (-)

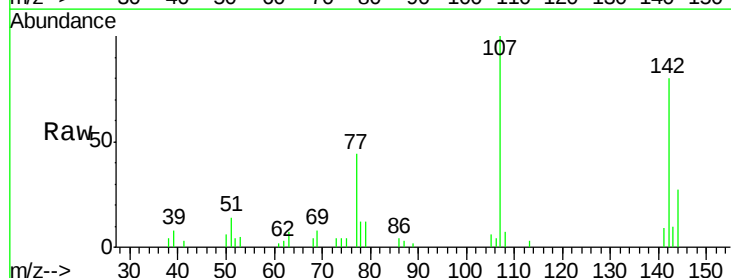
Ion 101.00 (100.70 to 101.70): BM004526.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM004526.D (-966) (-)



#33
4-Chloro-3-methylphenol
Concen: 21.05 ng/ul
RT: 11.70 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BM004538.D
Acq: 03 Mar 2016 18:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.4	30.6
142	80.1	62.5	93.7

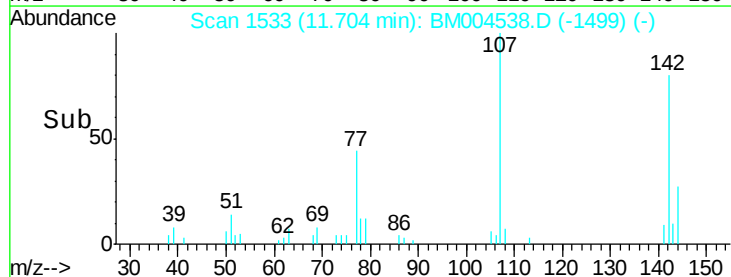
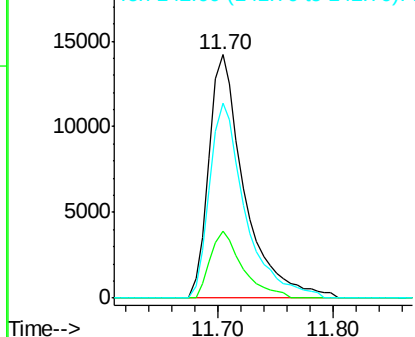


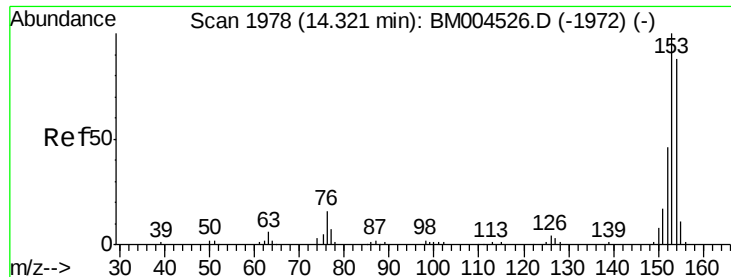
Abundance

Ion 107.00 (106.70 to 107.70): BM004526.D (-1527) (-)

Ion 144.00 (143.70 to 144.70): BM004526.D (-1527) (-)

Ion 142.00 (141.70 to 142.70): BM004526.D (-1527) (-)





#50

Acenaphthene

Concen: 29.35 ng/ul

RT: 14.32 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM004538.D

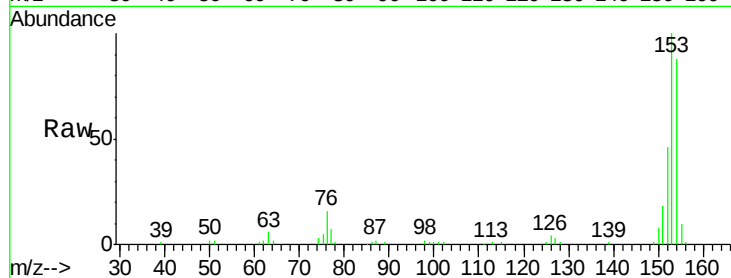
Acq: 03 Mar 2016 18:25

Instrument :

BNA_M

ClientSampleId :

H0075MSD



Tgt Ion:153 Resp: 100363

Ion Ratio Lower Upper

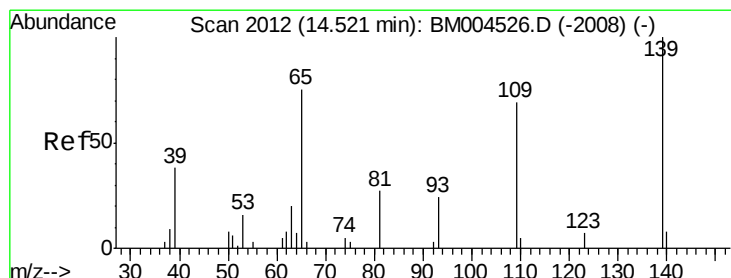
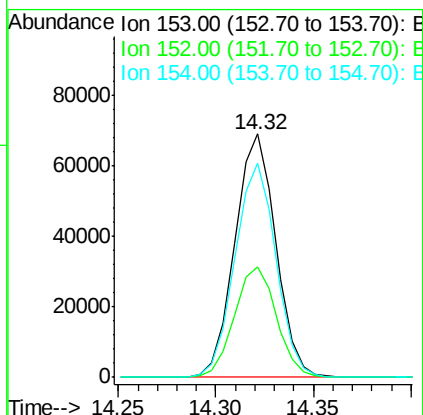
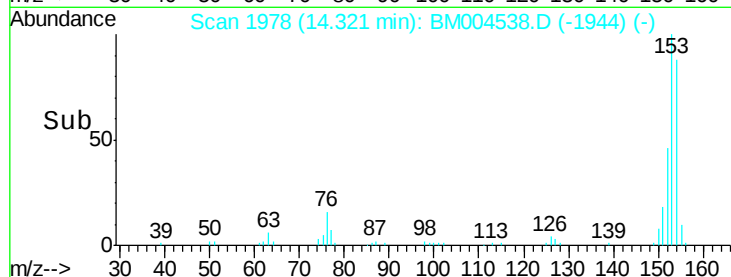
153 100

152 45.6 38.3 57.5

154 88.2 71.8 107.8

Manual Integrations
APPROVED

UMANGI
3/4/2016 4:20:59 PM



#53

4-Nitrophenol

Concen: 2.37 ng/ul

RT: 14.56 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BM004538.D

Acq: 03 Mar 2016 18:25

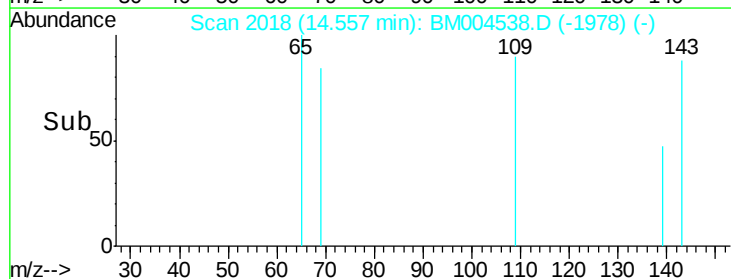
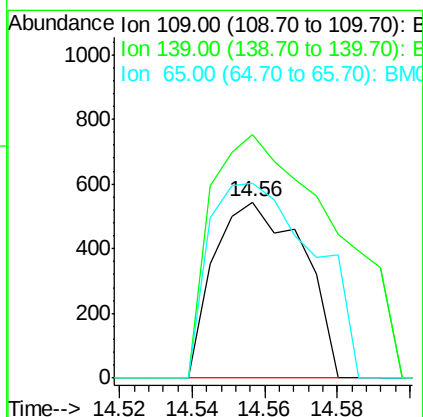
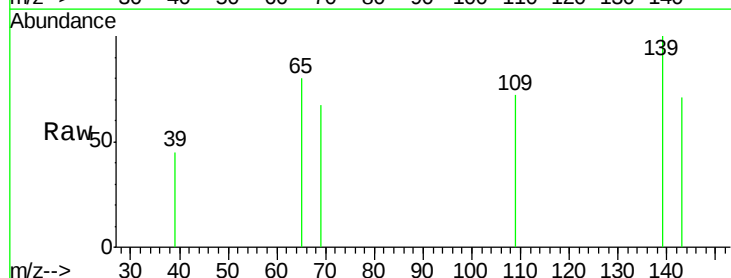
Tgt Ion:109 Resp: 927

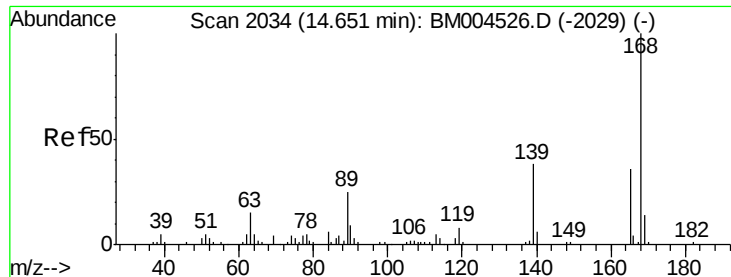
Ion Ratio Lower Upper

109 100

139 138.2 103.7 155.5

65 110.6 89.4 134.2





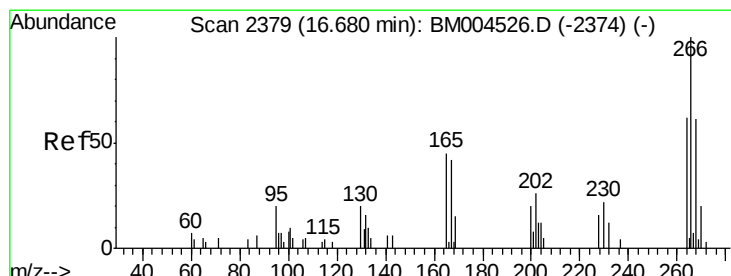
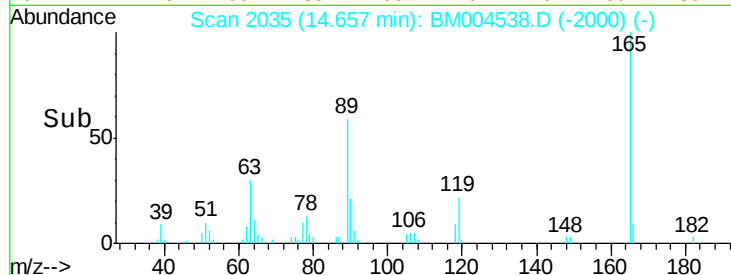
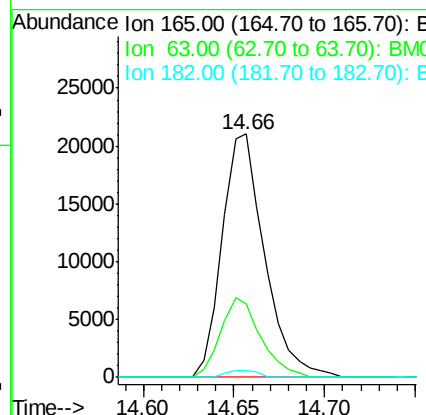
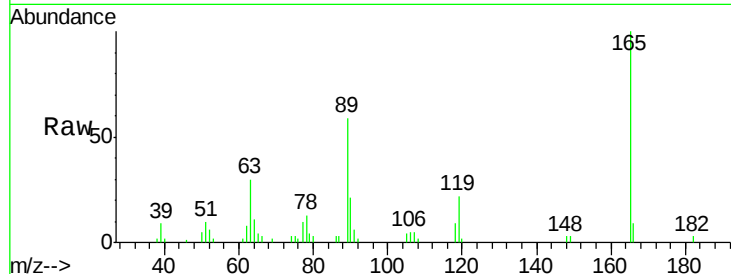
#55
 2,4-Dinitrotoluene
 Concen: 28.87 ng/ul
 RT: 14.66 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BM004538.D
 Acq: 03 Mar 2016 18:25

Instrument :
 BNA_M
 ClientSampleId :
 H0075MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	30.3	29.8	44.6
182	3.1	2.2	3.4

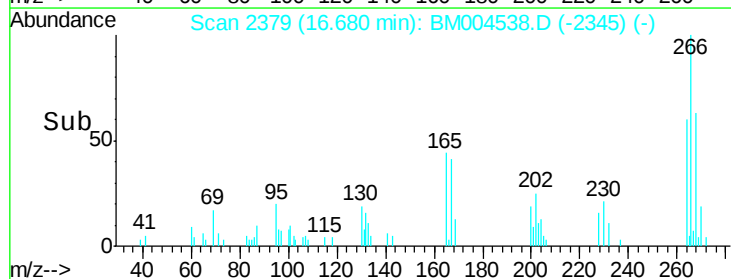
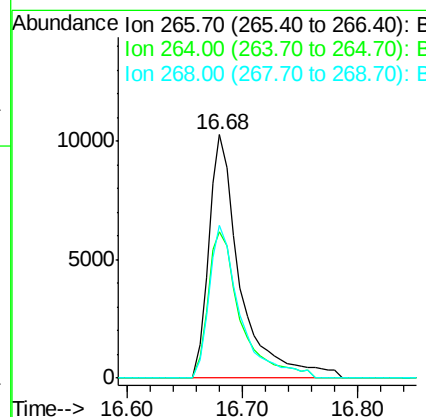
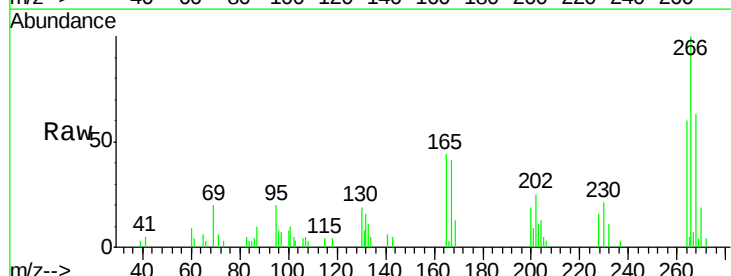
Manual Integrations
 APPROVED

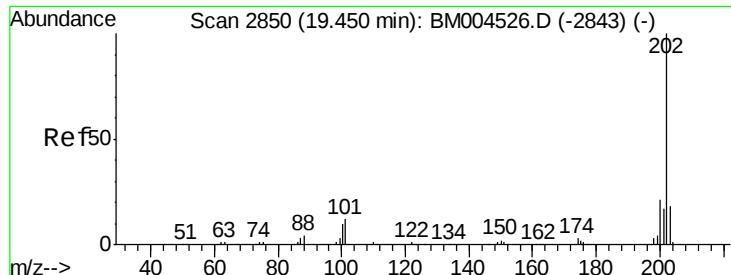
UMANGI
 3/4/2016 4:20:59 PM



#69
 Pentachlorophenol
 Concen: 34.98 ng/ul
 RT: 16.68 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM004538.D
 Acq: 03 Mar 2016 18:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	60.3	50.5	75.7
268	62.6	50.9	76.3





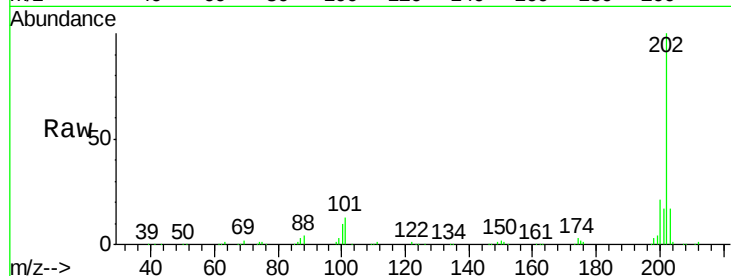
#80
 Pyrene
 Concen: 26.73 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BM004538.D
 Acq: 03 Mar 2016 18:25

Instrument :
 BNA_M
 ClientSampleId :
 H0075MSD

Tgt	Ion	202	Resp	232403
Ion	Ratio	Lower	Upper	
202	100			
101	12.6	10.2	15.2	
100	10.4	8.5	12.7	

Manual Integrations
 APPROVED

UMANGI
 3/4/2016 4:20:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

