

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020476.D
 Acq On : 22 May 2019 01:00
 Operator : JU/SJ
 Sample : K2788-22MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51B1MS

Quant Time: May 22 04:58:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	57118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	208236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	124869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	314350	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	359366	20.00	ng/ul	-0.01
85) Perylene-d12	23.59	264	422281	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7588	4.90	ng/uL	0.00
5) Phenol-d5	6.89	99	111933	24.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	69412	23.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	88895	26.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	78580	23.68	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	36352	26.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	39717	26.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	80820	25.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	90623	27.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	246097	27.39	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	307156	27.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	18207	13.96	ng/ul	0.00
57) Fluorene-d10	15.37	176	223357	27.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	23626	13.19	ng/ul	0.00
70) Anthracene-d10	17.22	188	366619	27.19	ng/ul	0.00
78) Pyrene-d10	19.52	212	462429	26.71	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.44	264	510395	26.60	ng/ul	-0.02

Target Compounds

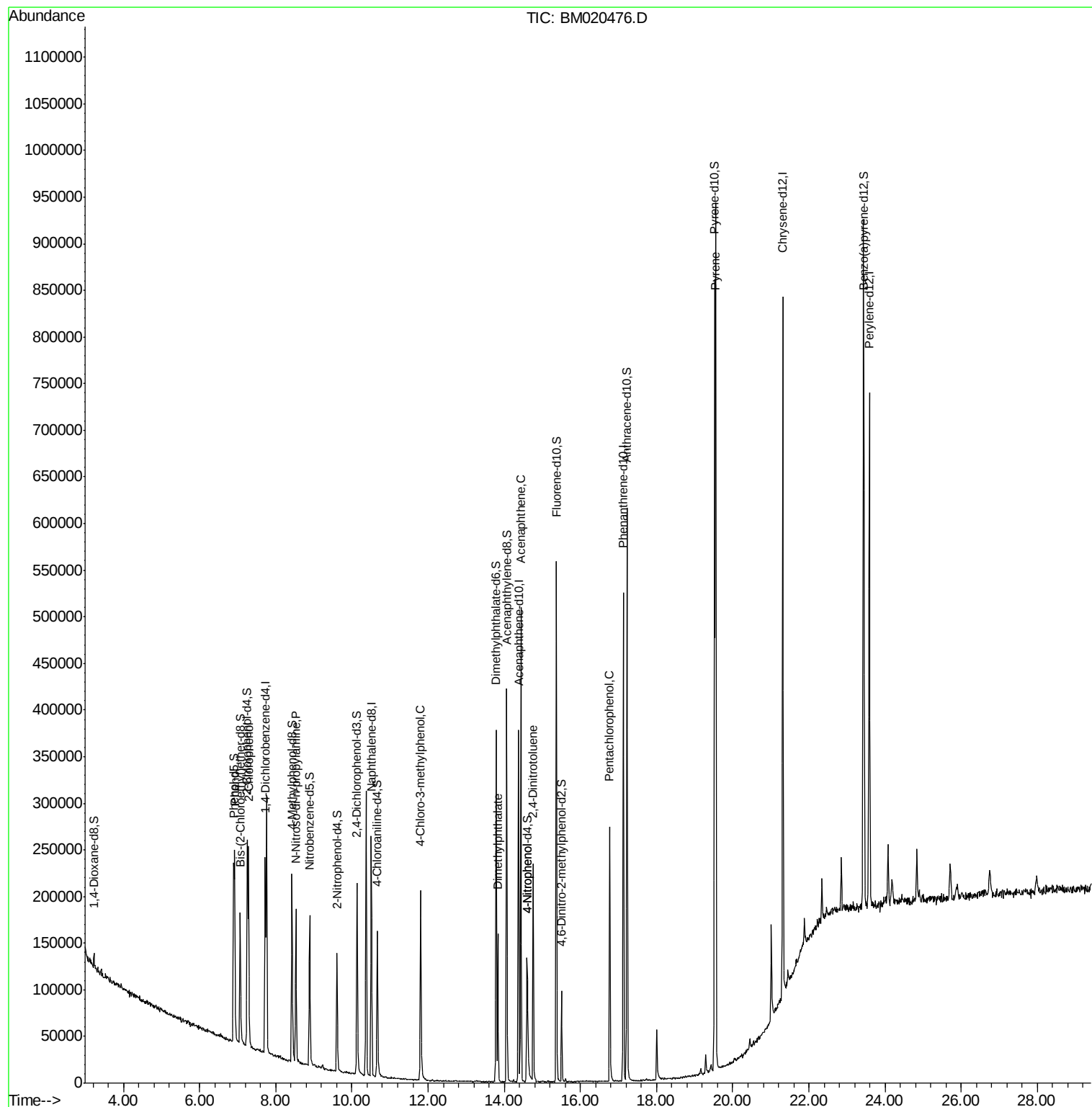
					Ovalue
6) Phenol	6.92	94	117592	24.532	ng/ul 97
10) 2-Chlorophenol	7.28	128	86393	25.332	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	78451	24.266	ng/ul 99
33) 4-Chloro-3-methylphenol	11.80	107	80522	25.916	ng/ul 98
44) Dimethylphthalate	13.83	163	99590	11.206	ng/ul 98
49) Acenaphthene	14.44	153	196142	26.923	ng/ul 98
52) 4-Nitrophenol	14.60	109	24029	17.621	ng/ul 97
54) 2,4-Dinitrotoluene	14.76	165	61173	25.768	ng/ul 99
68) Pentachlorophenol	16.77	266	55972	23.930	ng/ul 99
79) Pyrene	19.55	202	566955	26.285	ng/ul 98

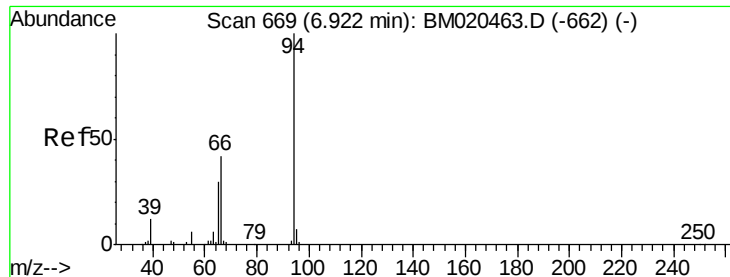
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration





#6

Phenol

Concen: 24.532 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

Instrument :

BNA_M

ClientSampleId :

A51B1MS

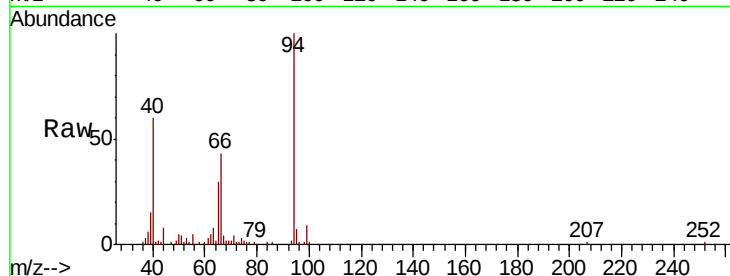
Tot Ion: 94 Resp: 117592

Ion Ratio Lower Upper

94 100

65 30.2 25.4 38.0

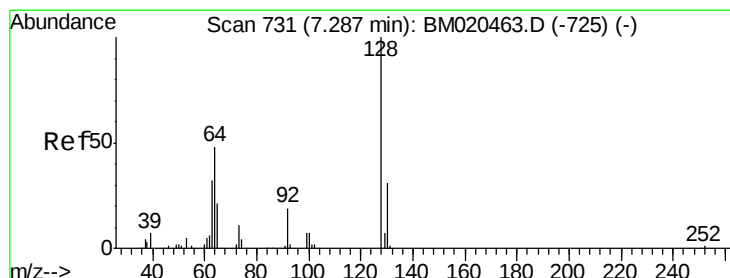
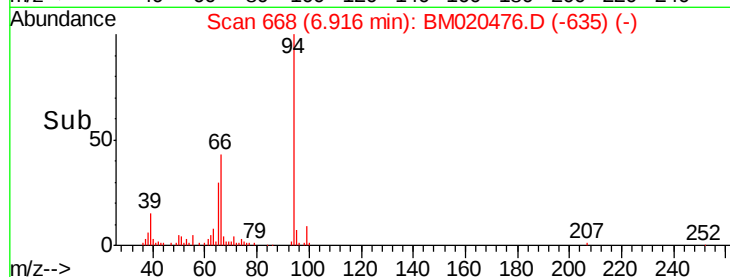
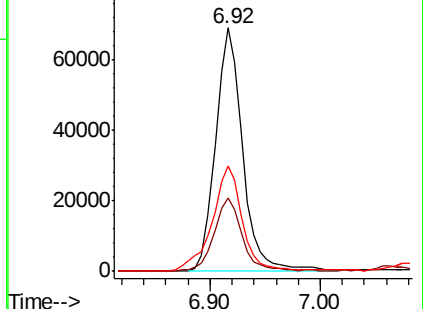
66 43.5 36.5 54.7



Abundance Ion 94.00 (93.70 to 94.70): BM020476.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM020476.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM020476.D (-662) (-)



#10

2-Chlorophenol

Concen: 25.332 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

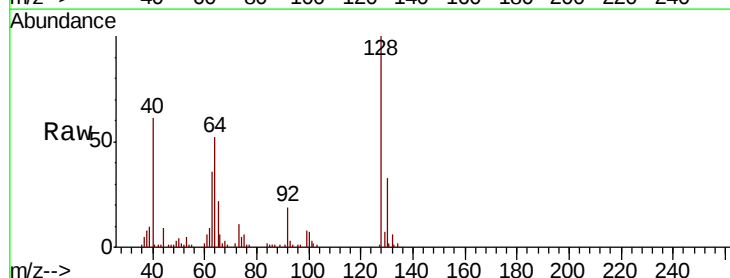
Tgt Ion: 128 Resp: 86393

Ion Ratio Lower Upper

128 100

64 51.8 40.6 60.8

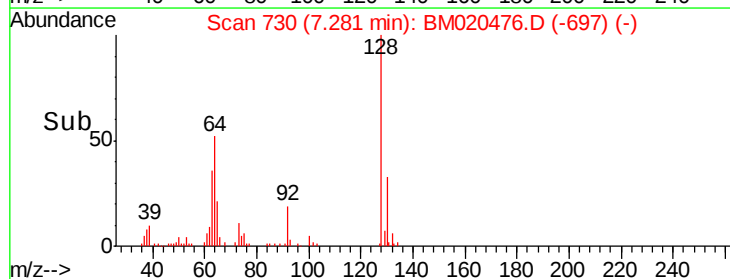
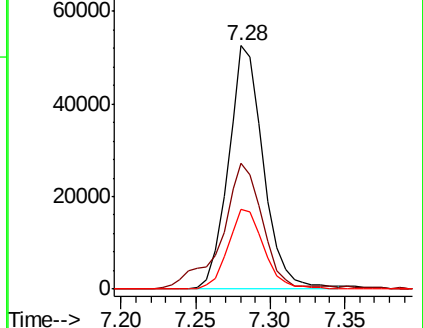
130 32.7 25.1 37.7

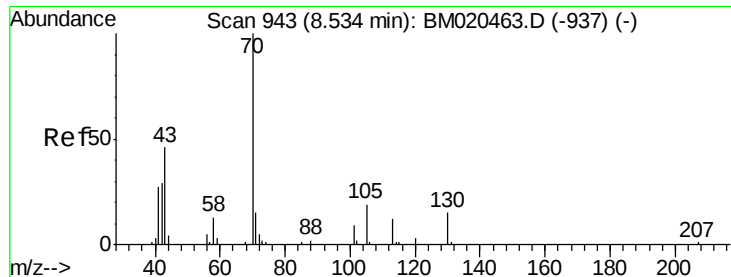


Abundance Ion 128.00 (127.70 to 128.70): BM020476.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM020476.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM020476.D (-697) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 24.266 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

Instrument :

BNA_M

ClientSampleId :

A51B1MS

Tot Ion: 70 Resp: 78451

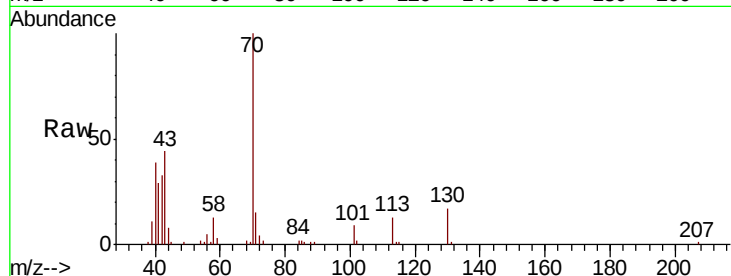
Ion Ratio Lower Upper

70 100

42 32.7 26.5 39.7

101 9.2 7.2 10.8

130 17.5 12.9 19.3

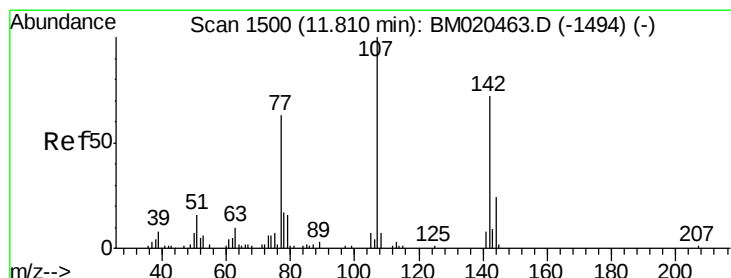
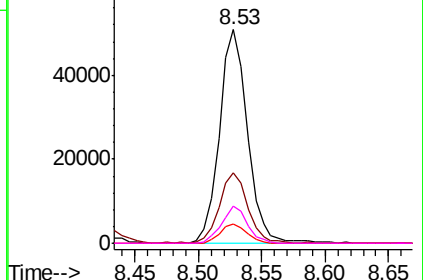
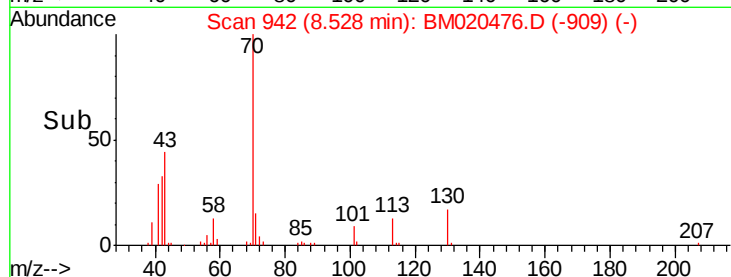


Abundance Ion 70.00 (69.70 to 70.70): BM020463.D (-937) (-)

Ion 42.00 (41.70 to 42.70): BM020463.D (-937) (-)

Ion 101.00 (100.70 to 101.70): BM020463.D (-937) (-)

Ion 130.00 (129.70 to 130.70): BM020463.D (-937) (-)



#33

4-Chloro-3-methylphenol

Concen: 25.916 ng/ul

RT: 11.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

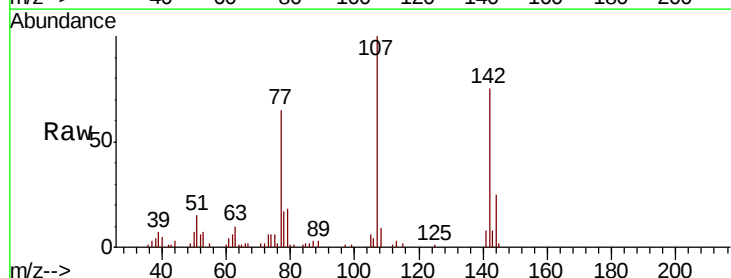
Tgt Ion:107 Resp: 80522

Ion Ratio Lower Upper

107 100

144 24.6 21.2 31.8

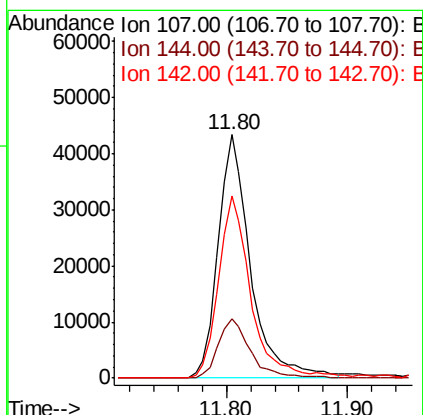
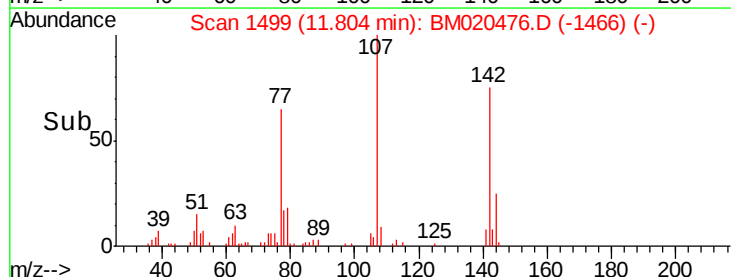
142 75.0 61.3 91.9

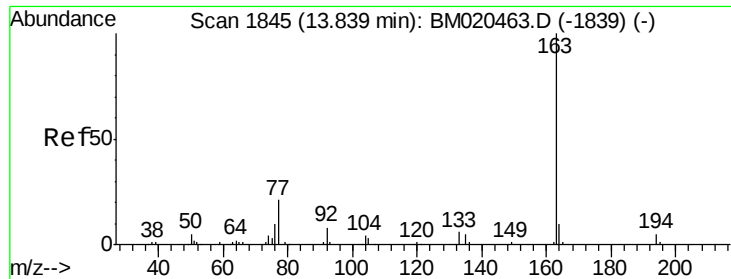


Abundance Ion 107.00 (106.70 to 107.70): BM020463.D (-1494) (-)

Ion 144.00 (143.70 to 144.70): BM020463.D (-1494) (-)

Ion 142.00 (141.70 to 142.70): BM020463.D (-1494) (-)





#44

Dimethylphthalate

Concen: 11.206 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

Instrument :

BNA_M

ClientSampleId :

A51B1MS

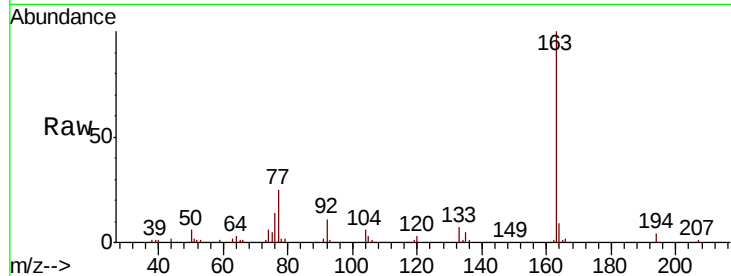
Tot Ion:163 Resp: 99590

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

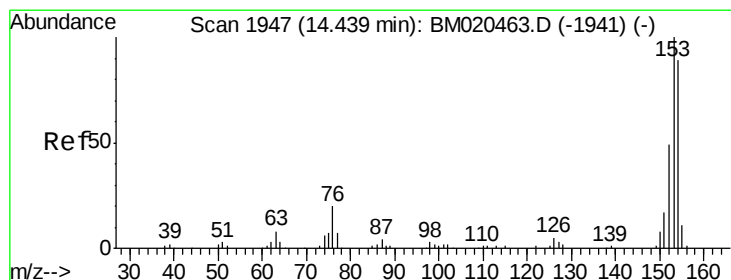
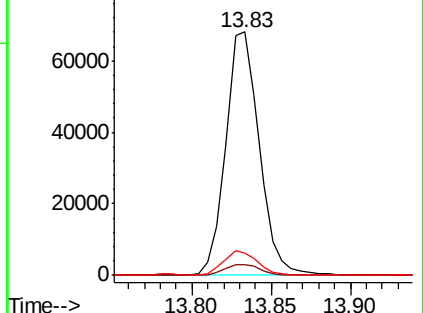
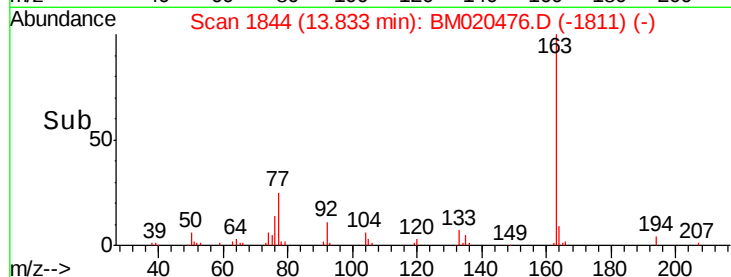
164 9.2 8.0 12.0



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: 26.923 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

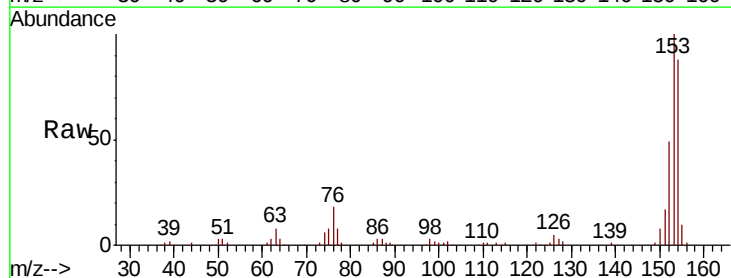
Tgt Ion:153 Resp: 196142

Ion Ratio Lower Upper

153 100

152 48.7 37.9 56.9

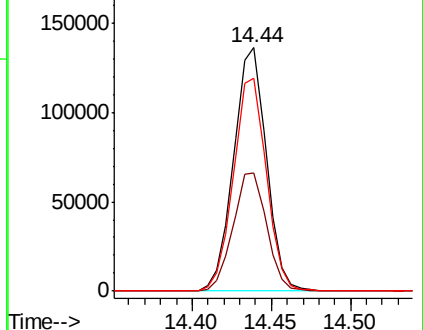
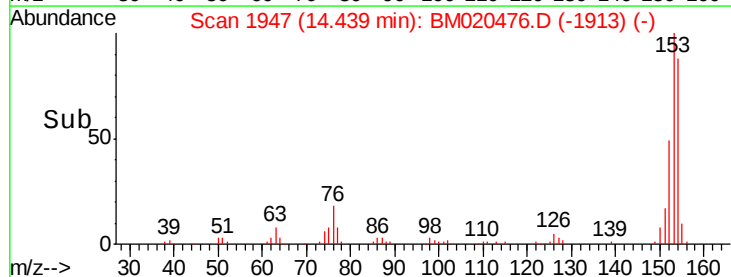
154 87.6 71.2 106.8

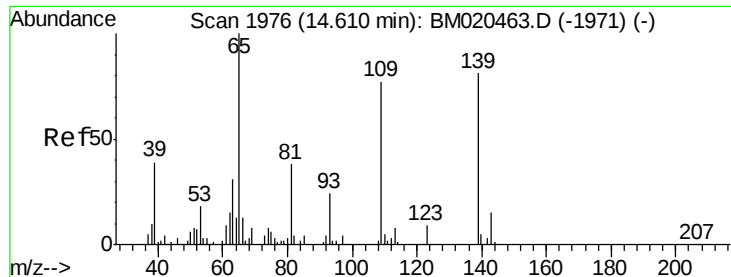


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.621 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

Instrument :

BNA_M

ClientSampleId :

A51B1MS

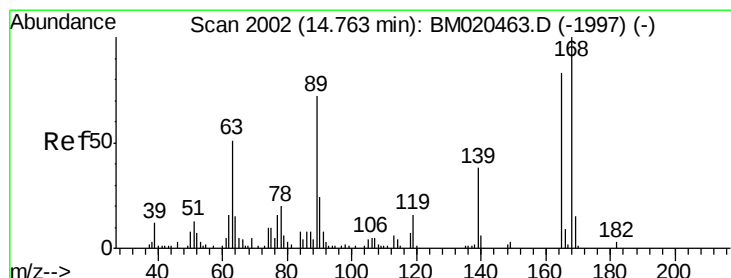
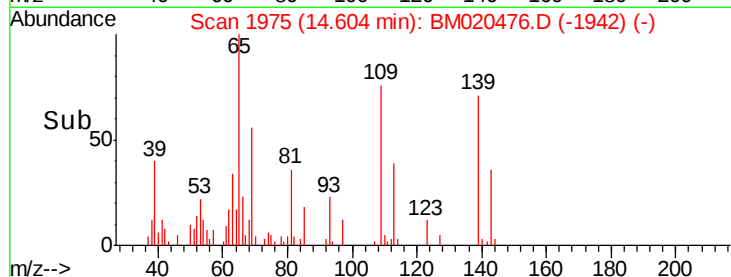
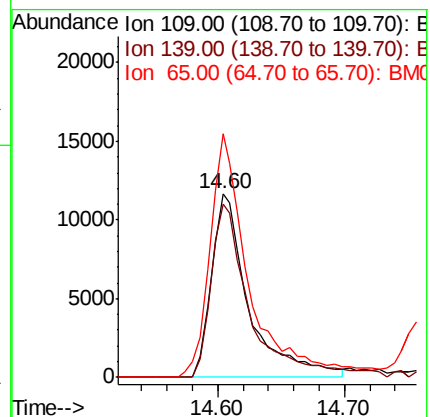
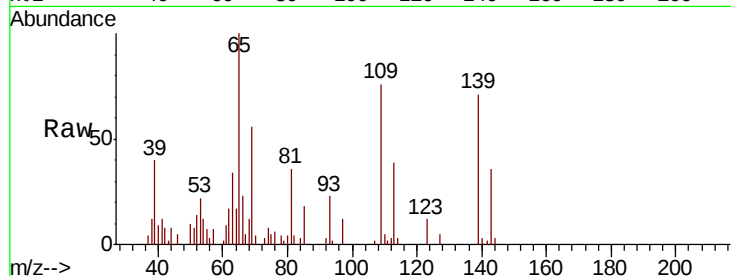
Tot Ion:109 Resp: 24029

Ion Ratio Lower Upper

109 100

139 94.5 78.2 117.2

65 132.4 109.4 164.0



#54

2,4-Dinitrotoluene

Concen: 25.768 ng/ul

RT: 14.76 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BM020476.D

Acq: 22 May 2019 01:00

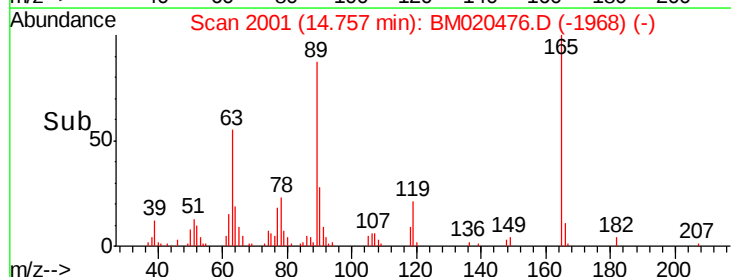
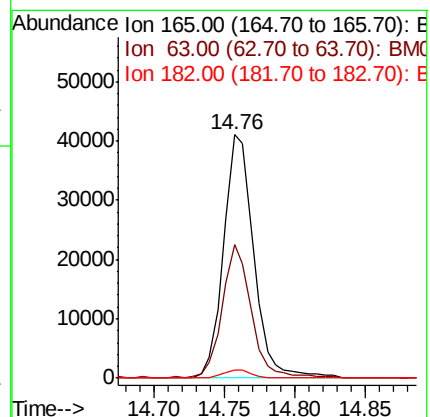
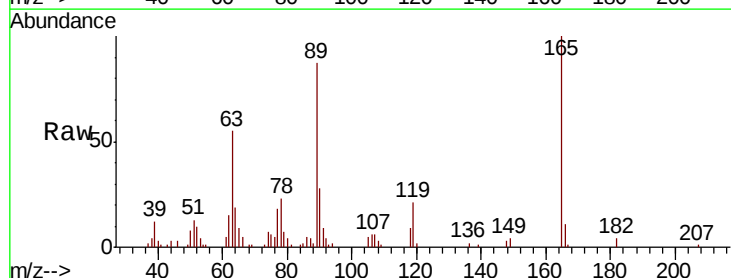
Tgt Ion:165 Resp: 61173

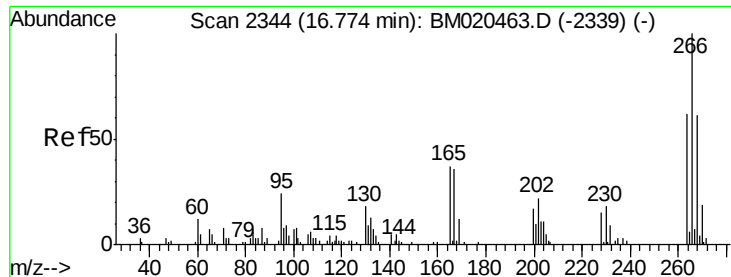
Ion Ratio Lower Upper

165 100

63 54.7 43.2 64.8

182 3.5 2.6 4.0

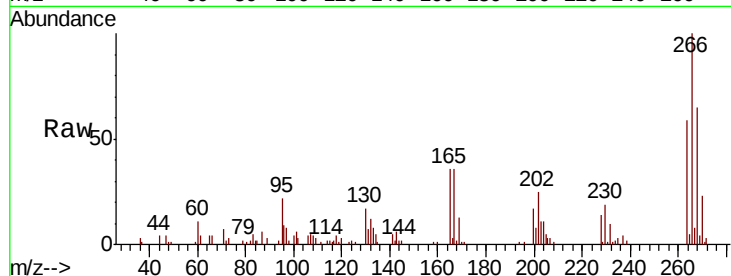




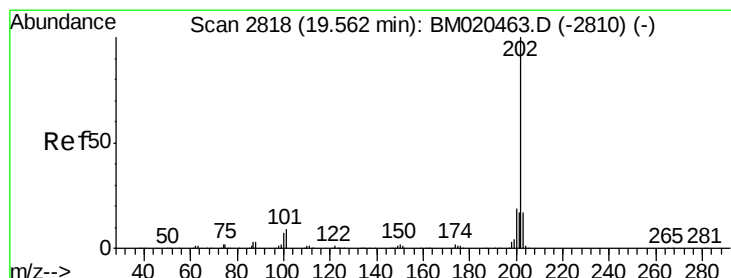
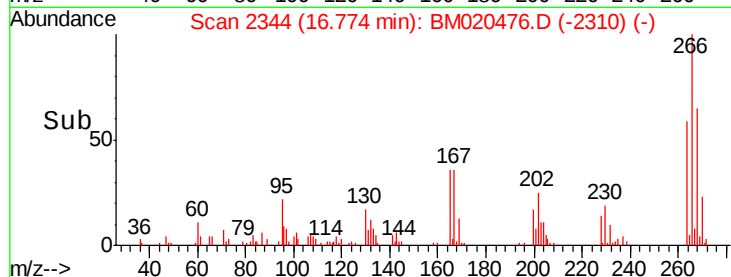
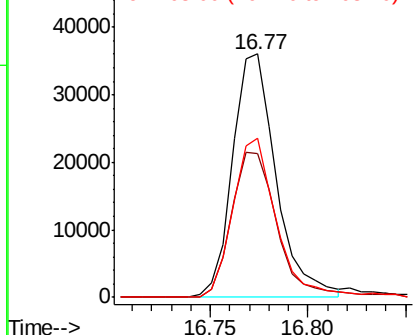
#68
 Pentachlorophenol
 Concen: 23.930 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BM020476.D
 Acq: 22 May 2019 01:00

Instrument :
 BNA_M
 ClientSampleId :
 A51B1MS

Tot Ion:266 Resp: 55972
 Ion Ratio Lower Upper
 266 100
 264 59.1 47.4 71.2
 268 65.4 51.2 76.8

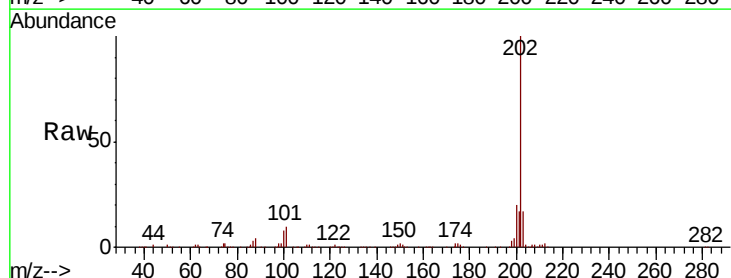


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 26.285 ng/ul
 RT: 19.55 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BM020476.D
 Acq: 22 May 2019 01:00

Tgt Ion:202 Resp: 566955
 Ion Ratio Lower Upper
 202 100
 101 9.7 7.1 10.7
 100 7.9 5.9 8.9



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): E

