

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005481.D
 Acq On : 18 May 2016 22:09
 Operator : UM/SJ
 Sample : H2841-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS9

Quant Time: May 19 01:45:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 14:47:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	25226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	125615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	90987	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	257056	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	443121	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	540864	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1792	2.73	ng/uL	0.00
5) Phenol-d5	6.99	99	42112	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	25367	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	32535	17.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33424	16.19	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	16074	17.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	17424	17.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	35517	18.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	43279	19.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	150485	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	169215	19.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	25225	16.44	ng/ul	0.00
57) Fluorene-d10	15.46	176	138593	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	17985	13.27	ng/ul	0.00
70) Anthracene-d10	17.30	188	243076	20.56	ng/ul	0.00
76) Pyrene-d10	19.59	212	354849	19.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	523171	21.64	ng/ul	0.00

Target Compounds

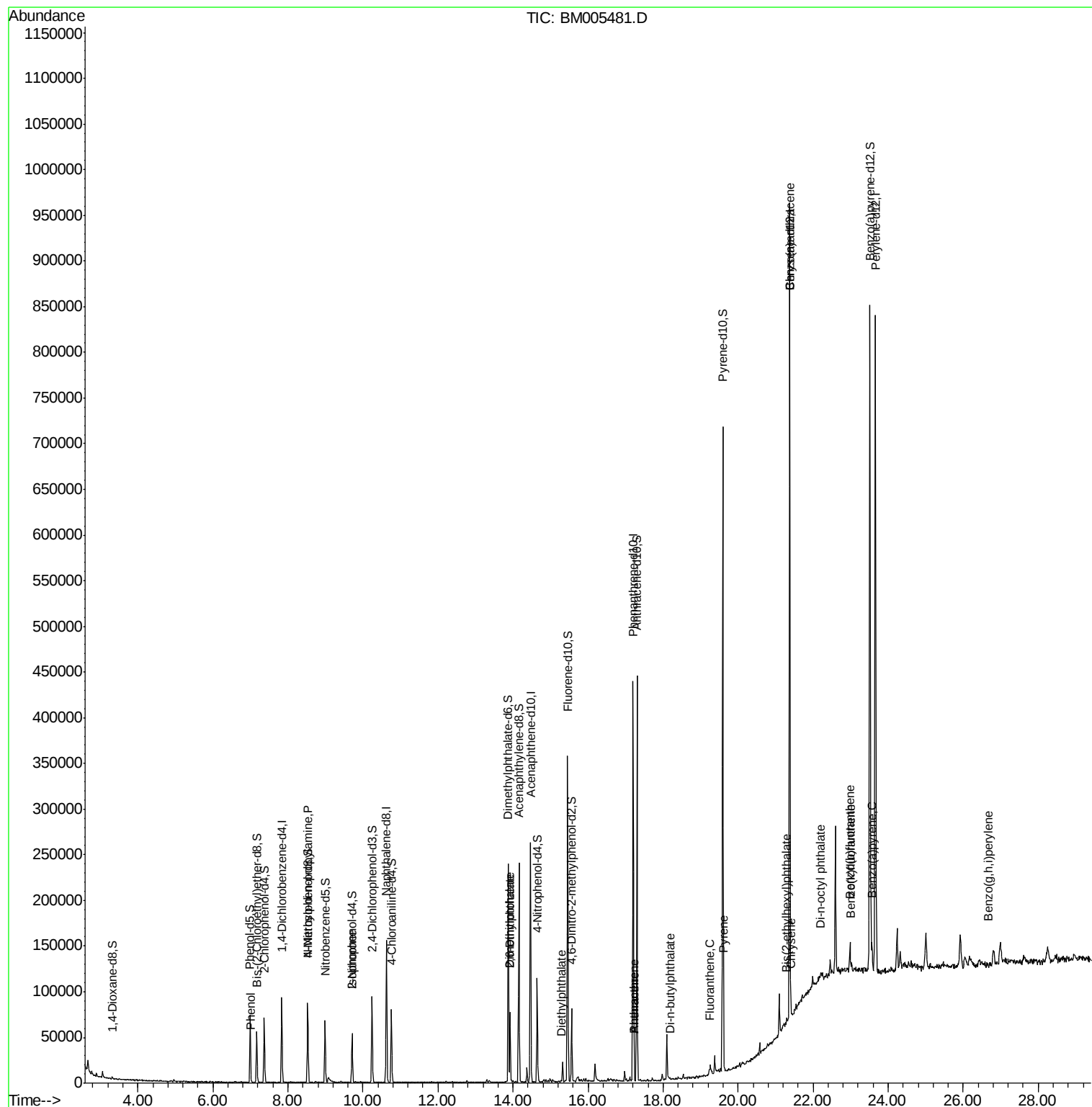
						Qvalue
6) Phenol	7.02	94	1147	0.45	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.53	70	814	0.46	ng/ul#	1
21) Isophorone	9.71	82	1431	0.31	ng/ul#	67
44) Dimethylphthalate	13.92	163	47887	6.28	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	433	0.29	ng/ul#	26
56) Diethylphthalate	15.29	149	214	0.03	ng/ul#	59
69) Phenanthrene	17.24	178	1174	0.08	ng/ul#	60
71) Anthracene	17.24	178	1174	0.08	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	789	0.05	ng/ul#	78
74) Fluoranthene	19.26	202	1932	0.11	ng/ul#	67
77) Pyrene	19.62	202	2358	0.10	ng/ul#	67
80) Benzo(a)anthracene	21.37	228	2275	0.09	ng/ul#	60
81) Bis(2-ethylhexyl)phthalate	21.30	149	2487	0.16	ng/ul#	88
82) Chrysene	21.42	228	1306	0.05	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	583	0.02	ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	1770	0.06	ng/ul#	42
86) Benzo(k)fluoranthene	23.01	252	816	0.03	ng/ul#	29
88) Benzo(a)pyrene	23.56	252	1346	0.04	ng/ul#	12
91) Benzo(g,h,i)perylene	26.67	276	222	0.01	ng/ul#	52

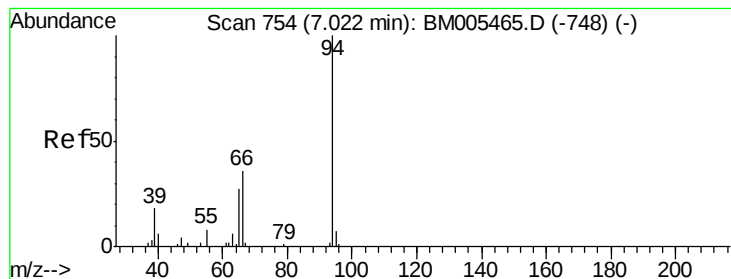
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration





#6

Phenol

Concen: 0.45 ng/ul

RT: 7.02 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampleId :

D9WS9

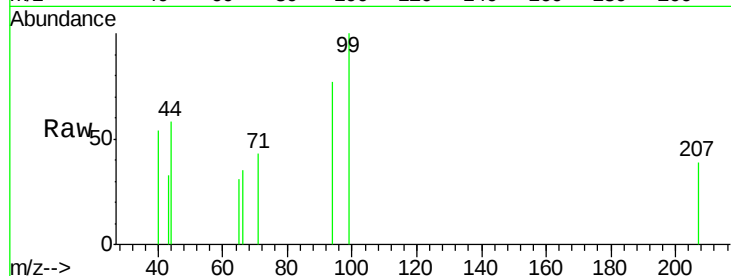
Tgt Ion: 94 Resp: 1147

Ion Ratio Lower Upper

94 100

65 40.5 22.7 34.1#

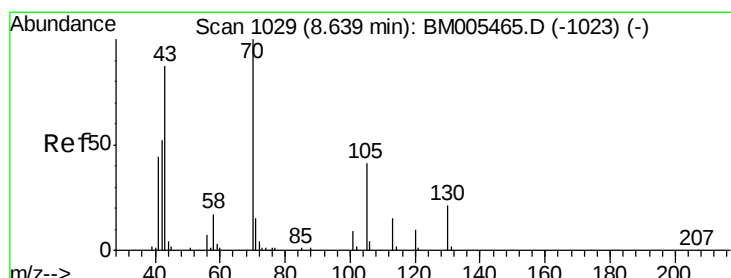
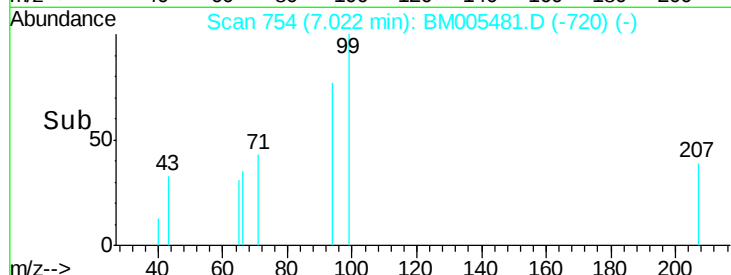
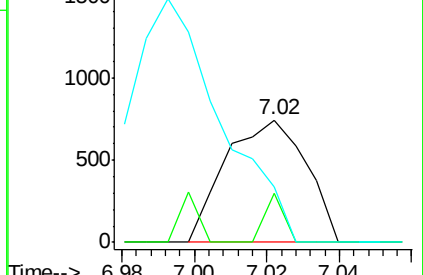
66 45.4 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005481.D (-720) (-)

Ion 65.00 (64.70 to 65.70): BM005481.D (-720) (-)

Ion 66.00 (65.70 to 66.70): BM005481.D (-720) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.46 ng/ul

RT: 8.53 min Scan# 1010

Delta R.T. -0.11 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Tgt Ion: 70 Resp: 814

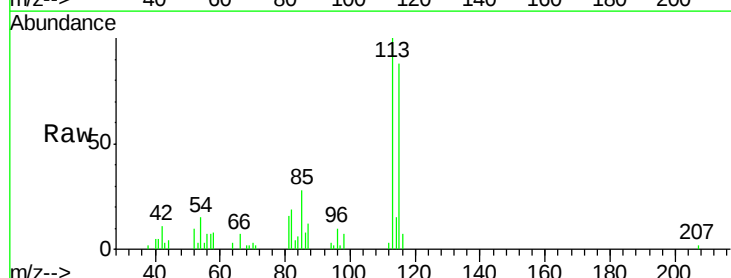
Ion Ratio Lower Upper

70 100

42 401.1 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

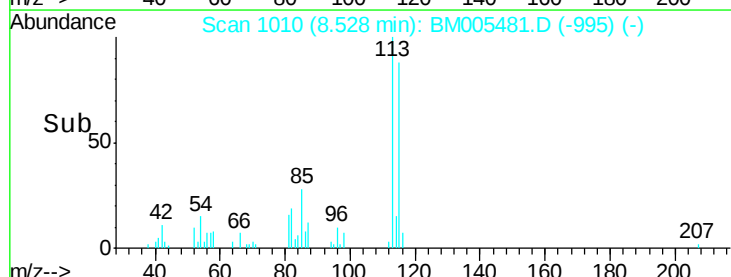
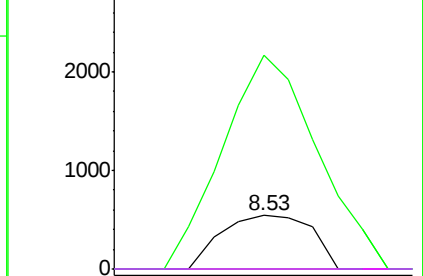


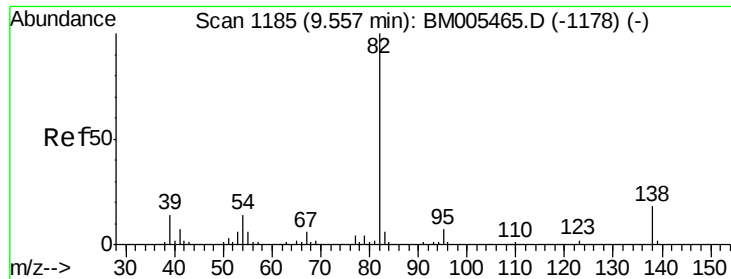
Abundance Ion 70.00 (69.70 to 70.70): BM005481.D (-995) (-)

Ion 42.00 (41.70 to 42.70): BM005481.D (-995) (-)

Ion 101.00 (100.70 to 101.70): BM005481.D (-995) (-)

Ion 130.00 (129.70 to 130.70): BM005481.D (-995) (-)





#21

Isophorone

Concen: 0.31 ng/ul

RT: 9.71 min Scan# 1211

Delta R.T. 0.15 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampleId :

D9WS9

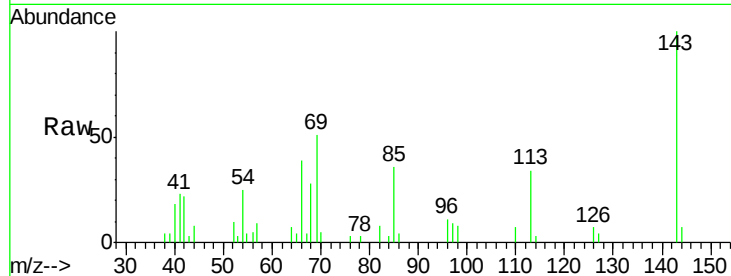
Tgt Ion: 82 Resp: 1431

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

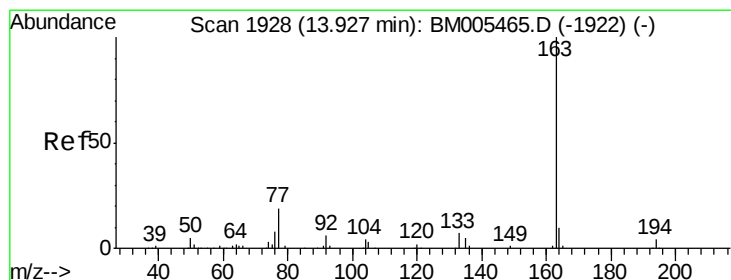
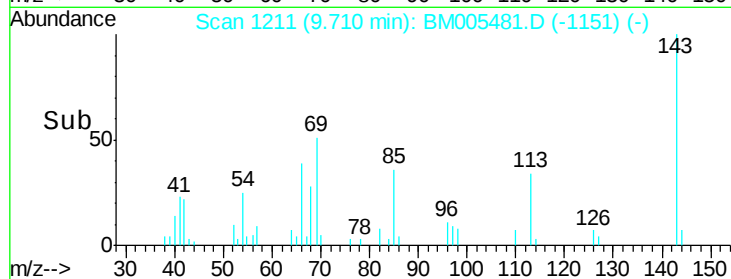
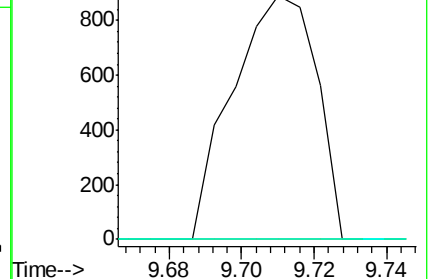
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BM005481.D (-1151) (-)

Ion 95.00 (94.70 to 95.70): BM005481.D (-1151) (-)

Ion 138.00 (137.70 to 138.70): BM005481.D (-1151) (-)



#44

Dimethylphthalate

Concen: 6.28 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

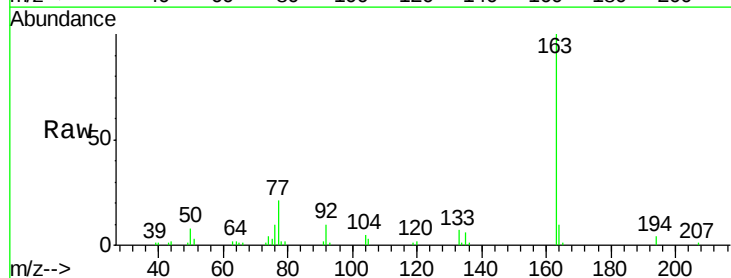
Tgt Ion: 163 Resp: 47887

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

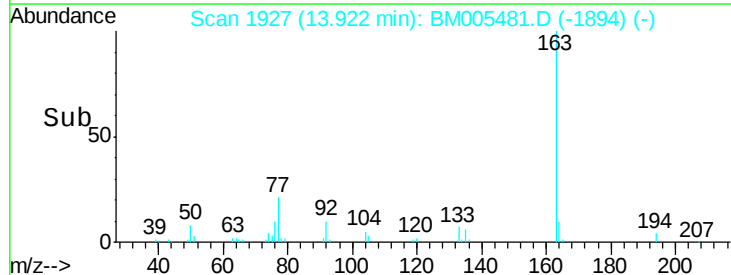
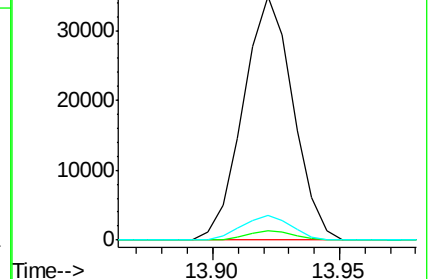
164 10.2 7.9 11.9

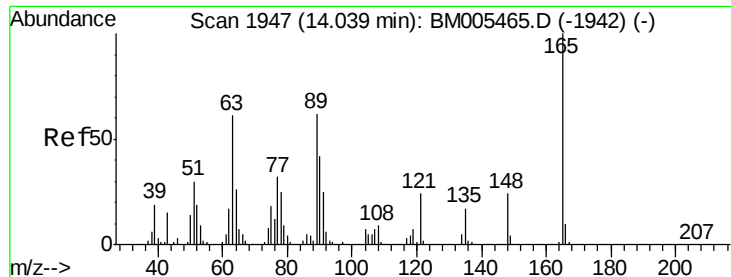


Abundance Ion 163.00 (162.70 to 163.70): BM005481.D (-1894) (-)

Ion 194.00 (193.70 to 194.70): BM005481.D (-1894) (-)

Ion 164.00 (163.70 to 164.70): BM005481.D (-1894) (-)

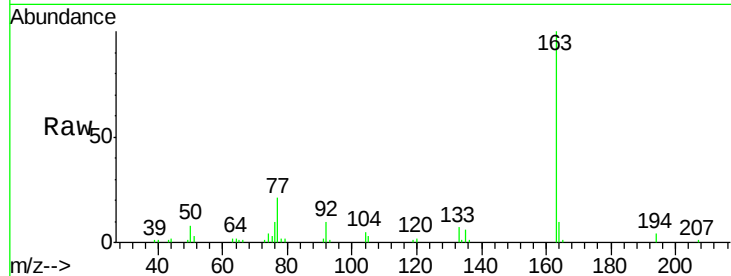




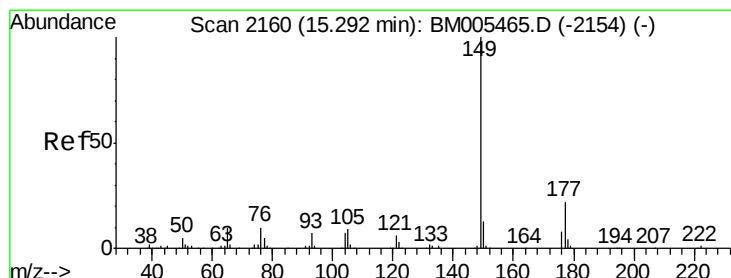
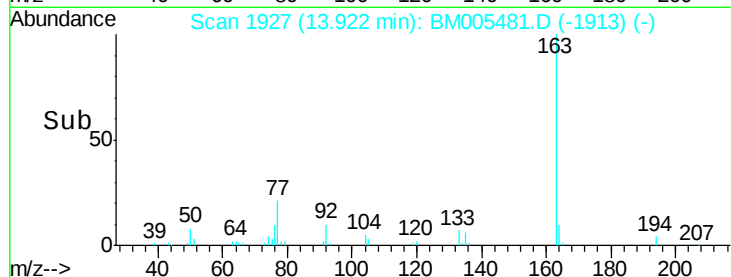
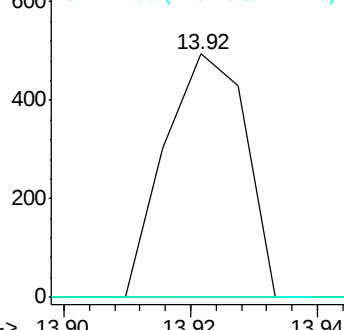
#45
 2,6-Dinitrotoluene
 Concen: 0.29 ng/ul
 RT: 13.92 min Scan# 1927
 Delta R.T. -0.12 min
 Lab File: BM005481.D
 Acq: 18 May 2016 22:09

Instrument :
 BNA_M
 ClientSampleId :
 D9WS9

Tgt Ion:165 Resp: 433
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 0.0 21.0 31.4#

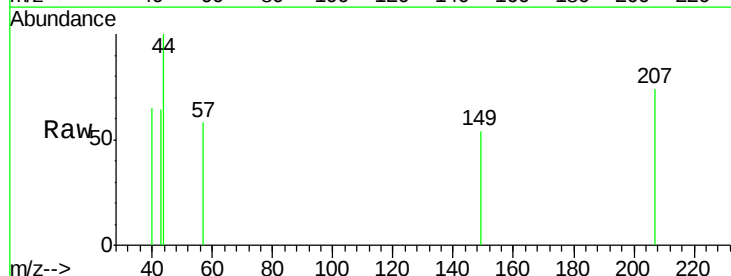


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

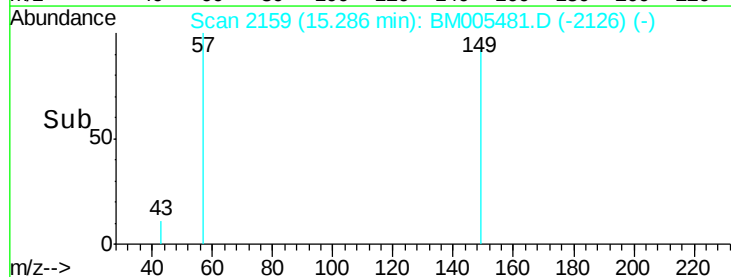
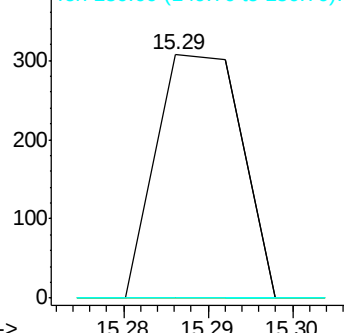


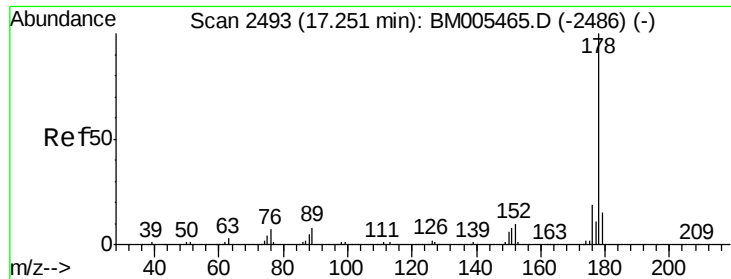
#56
 Diethylphthalate
 Concen: 0.03 ng/ul
 RT: 15.29 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM005481.D
 Acq: 18 May 2016 22:09

Tgt Ion:149 Resp: 214
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.6 26.4#
 150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#69

Phenanthrene

Concen: 0.08 ng/ul

RT: 17.24 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampleId :

D9WS9

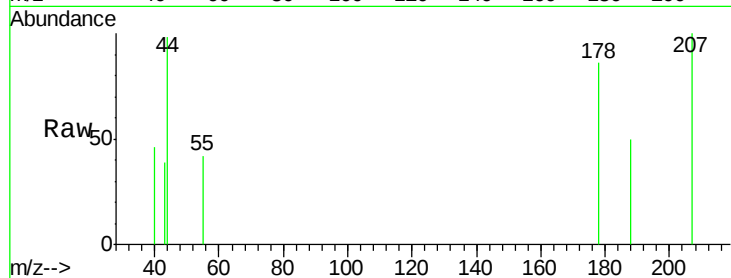
Tgt Ion:178 Resp: 1174

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

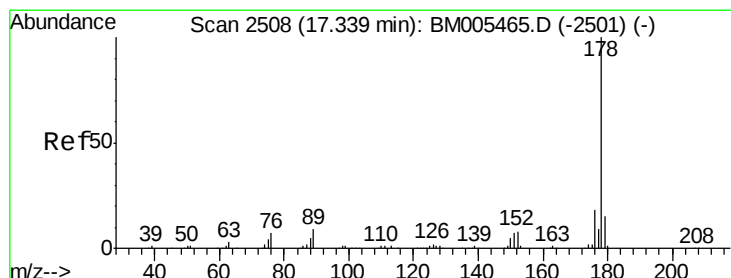
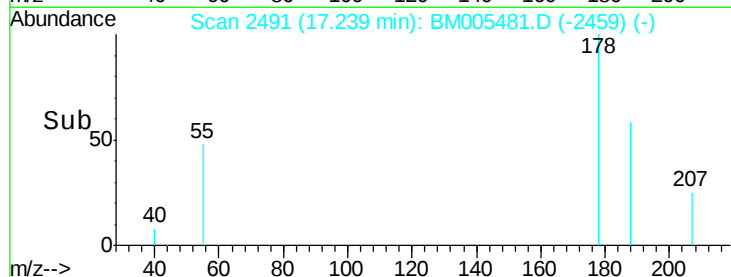
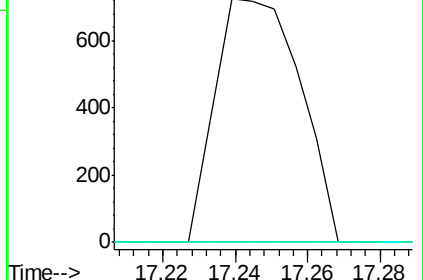
176 0.0 15.2 22.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.08 ng/ul

RT: 17.24 min Scan# 2491

Delta R.T. -0.10 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

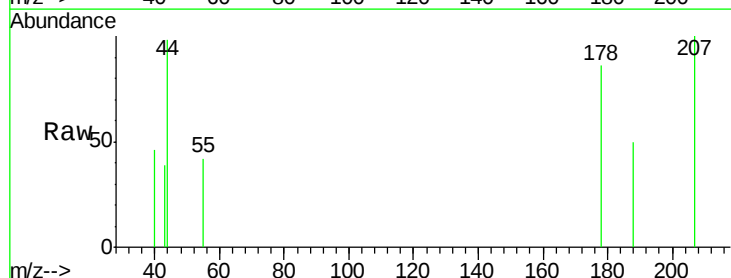
Tgt Ion:178 Resp: 1174

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

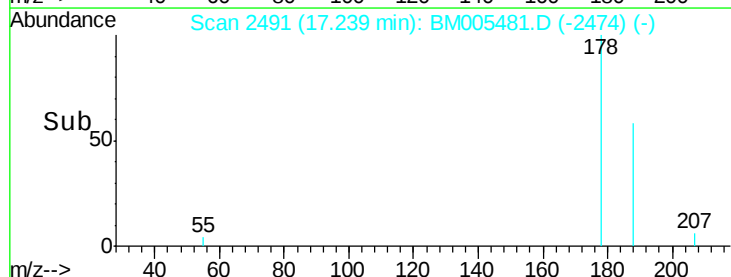
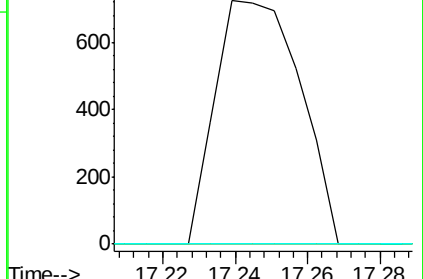
176 0.0 15.1 22.7#

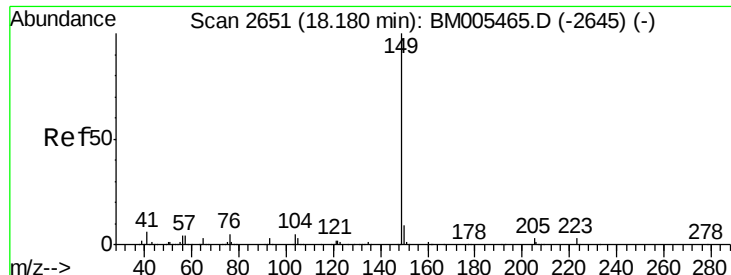


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 0.05 ng/ul

RT: 18.17 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampled :

D9WS9

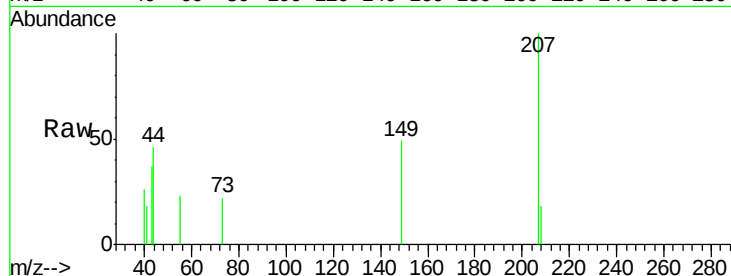
Tgt Ion:149 Resp: 789

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

104 0.0 4.1 6.1#

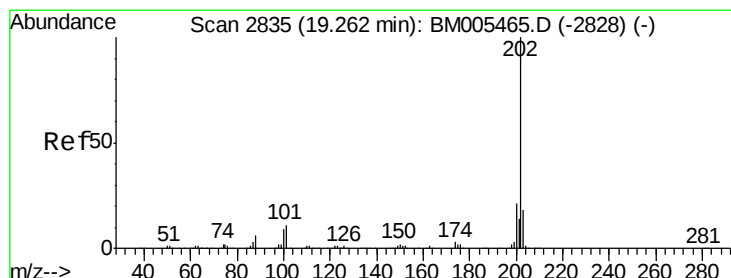
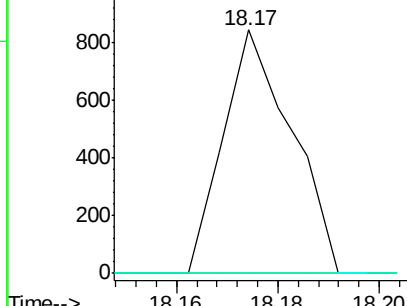
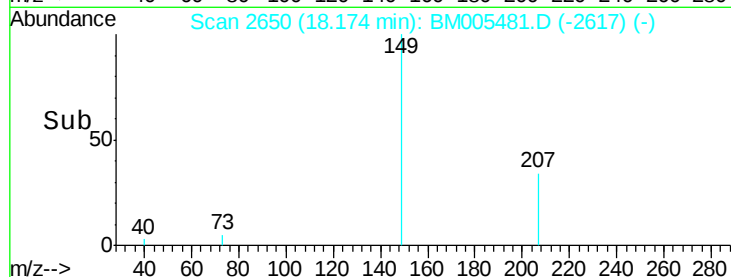


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 0.11 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

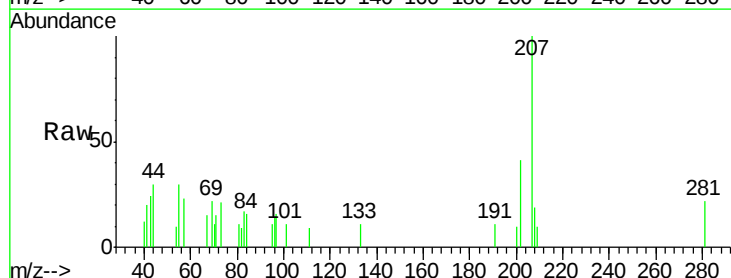
Tgt Ion:202 Resp: 1932

Ion Ratio Lower Upper

202 100

101 26.9 9.2 13.8#

100 0.0 7.1 10.7#

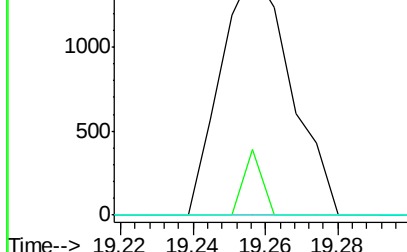
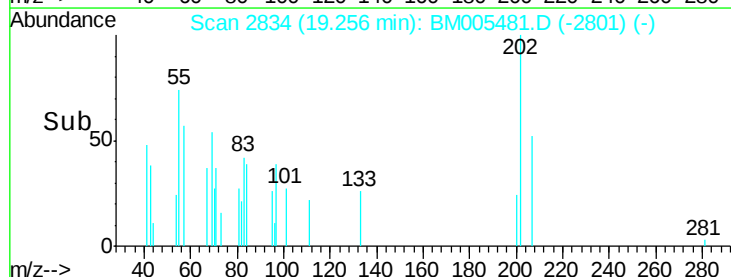


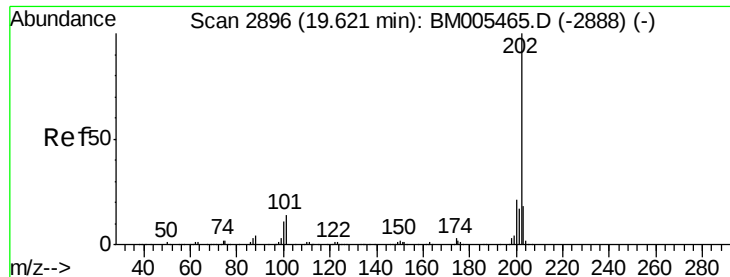
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->

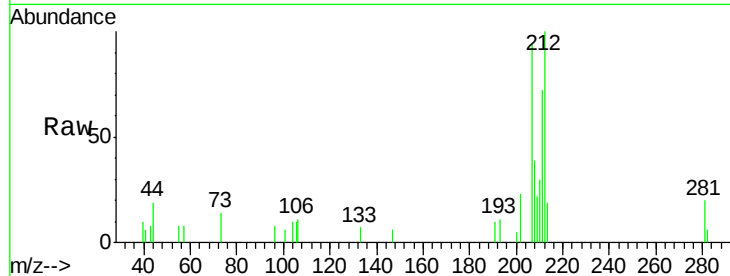




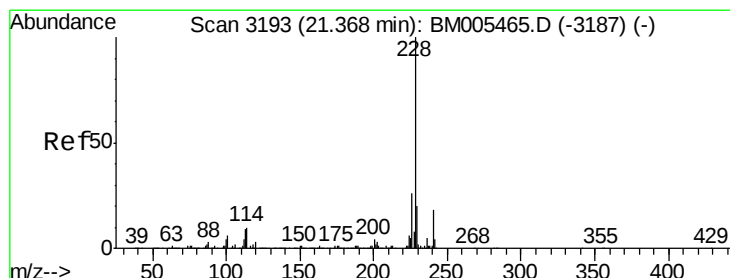
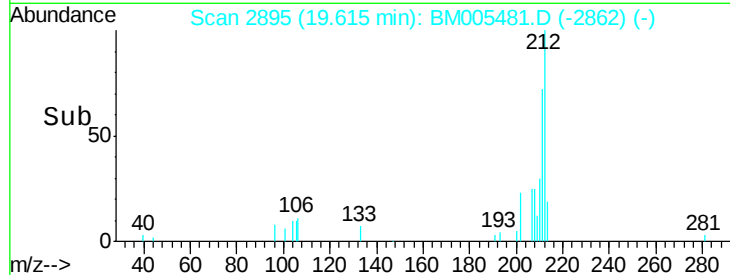
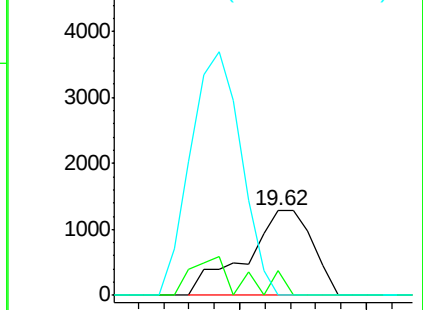
#77
 Pyrene
 Concen: 0.10 ng/ul
 RT: 19.62 min Scan# 2895
 Delta R.T. -0.01 min
 Lab File: BM005481.D
 Acq: 18 May 2016 22:09

Instrument :
 BNA_M
 ClientSampleId :
 D9WS9

Tgt Ion:202 Resp: 2358
 Ion Ratio Lower Upper
 202 100
 101 28.5 10.8 16.2#
 100 0.0 8.4 12.6#

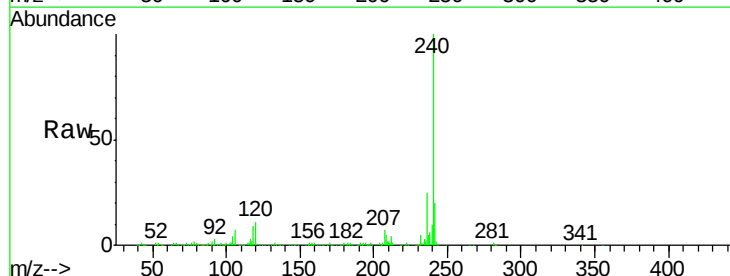


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

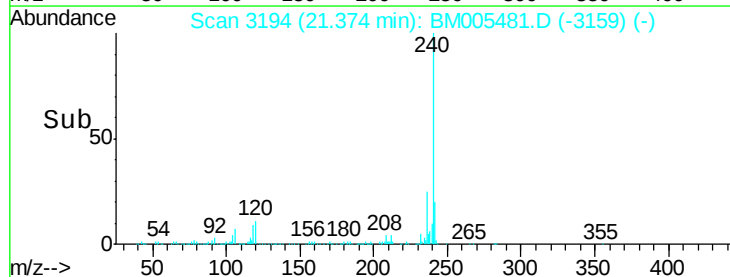
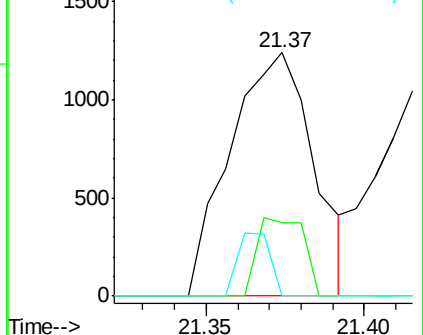


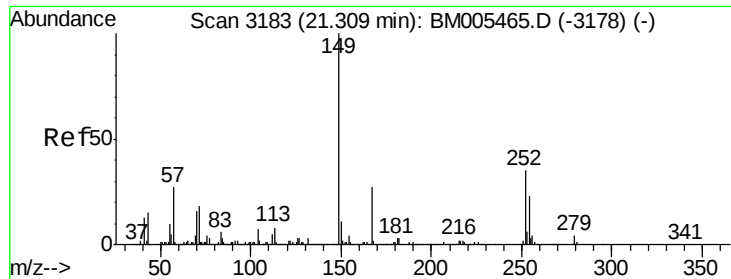
#80
 Benzo(a)anthracene
 Concen: 0.09 ng/ul
 RT: 21.37 min Scan# 3194
 Delta R.T. 0.01 min
 Lab File: BM005481.D
 Acq: 18 May 2016 22:09

Tgt Ion:228 Resp: 2275
 Ion Ratio Lower Upper
 228 100
 229 29.9 15.5 23.3#
 226 0.0 21.8 32.8#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

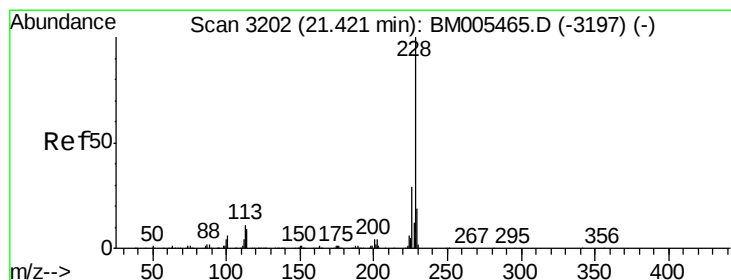
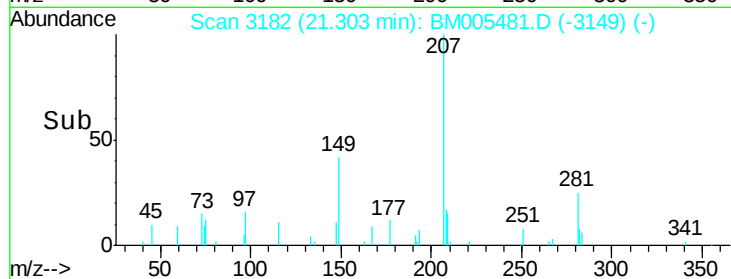
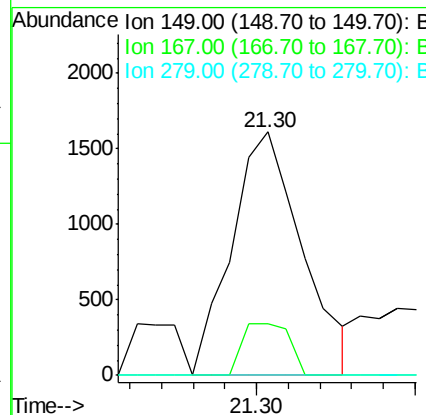
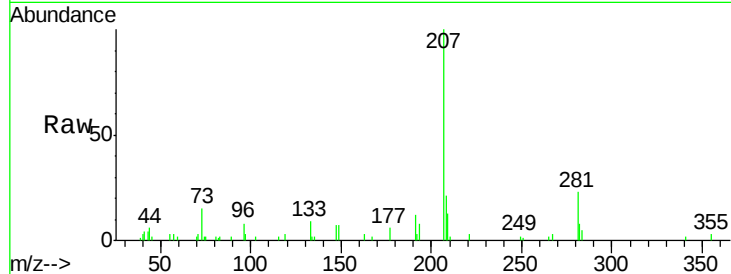




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng/ul
 RT: 21.30 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BM005481.D
 Acq: 18 May 2016 22:09

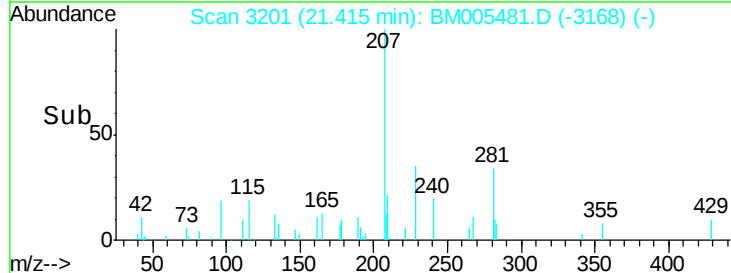
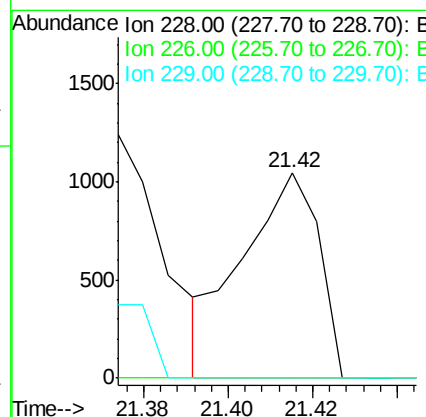
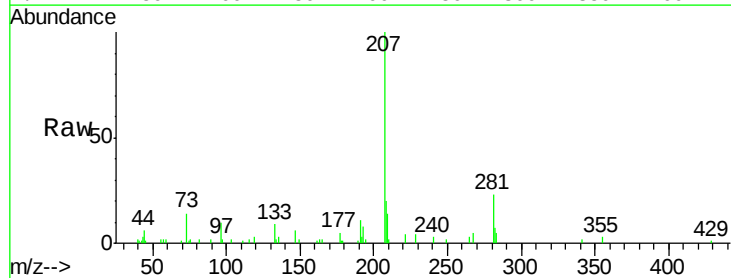
Instrument :
 BNA_M
 ClientSampleId :
 D9WS9

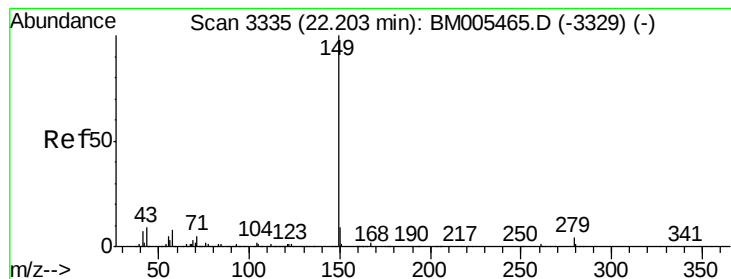
Tgt Ion:149 Resp: 2487
 Ion Ratio Lower Upper
 149 100
 167 21.1 21.9 32.9#
 279 0.0 3.0 4.4#



#82
 Chrysene
 Concen: 0.05 ng/ul
 RT: 21.42 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BM005481.D
 Acq: 18 May 2016 22:09

Tgt Ion:228 Resp: 1306
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.6 35.4#
 229 0.0 15.4 23.0#





#84

Di-n-octyl phthalate

Concen: 0.02 ng/ul

RT: 22.20 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampled :

D9WS9

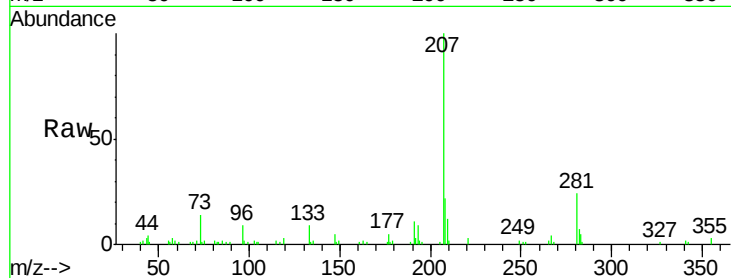
Tgt Ion:149 Resp: 583

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

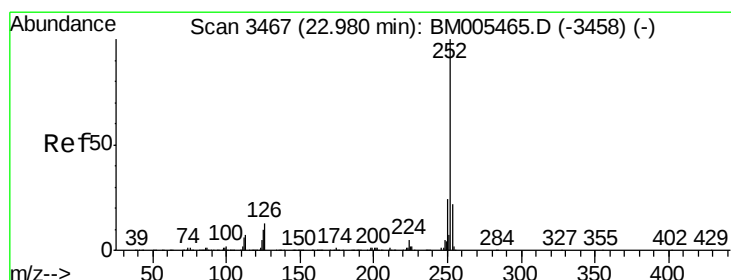
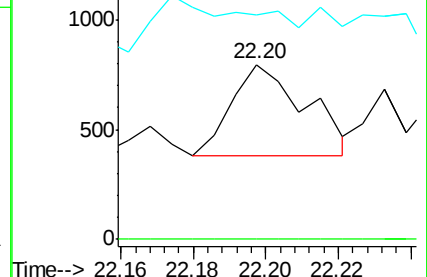
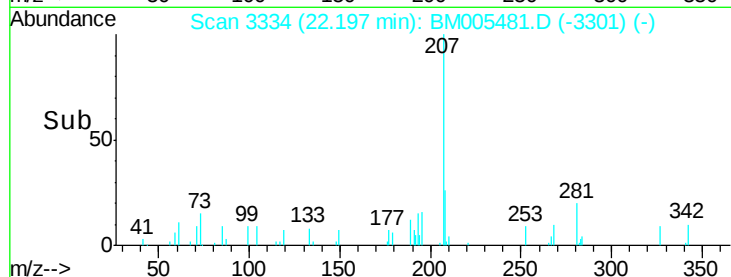
43 128.4 7.4 11.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Benzo(b)fluoranthene

Concen: 0.06 ng/ul

RT: 22.97 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

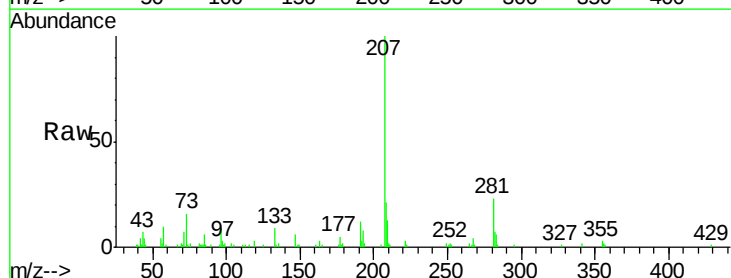
Tgt Ion:252 Resp: 1770

Ion Ratio Lower Upper

252 100

253 37.0 17.4 26.2#

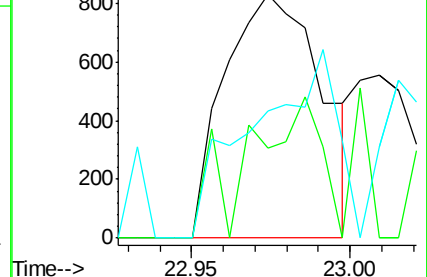
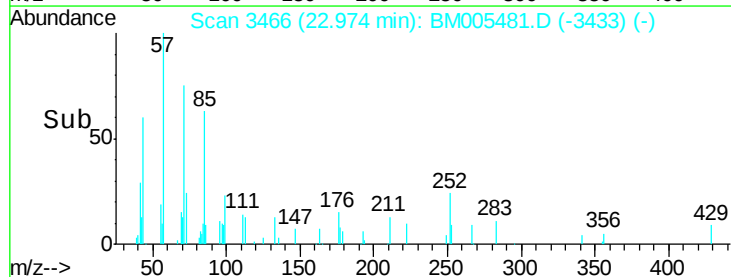
125 52.0 8.4 12.6#

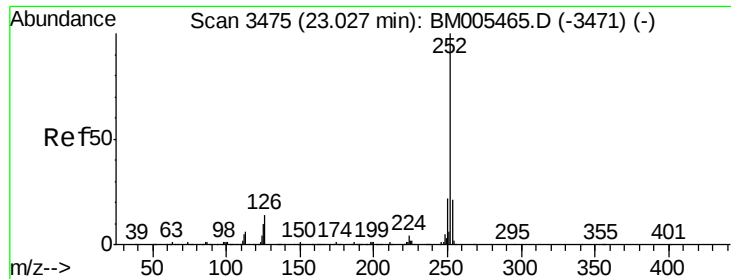


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 23.01 min Scan# 3472

Delta R.T. -0.02 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampleId :

D9WS9

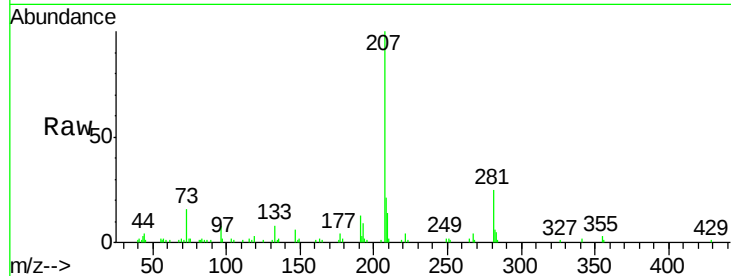
Tgt Ion:252 Resp: 816

Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

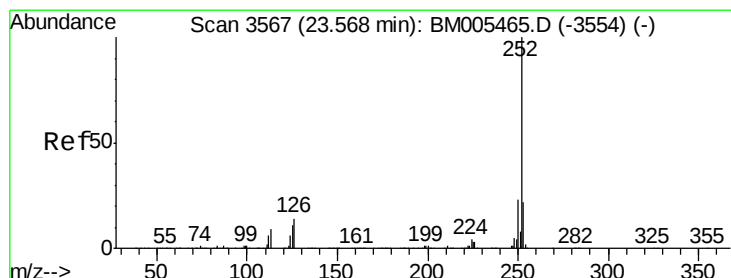
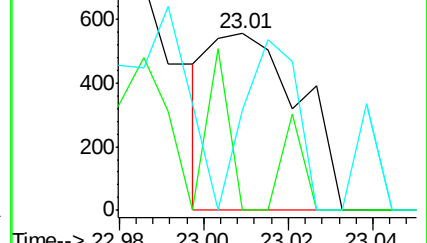
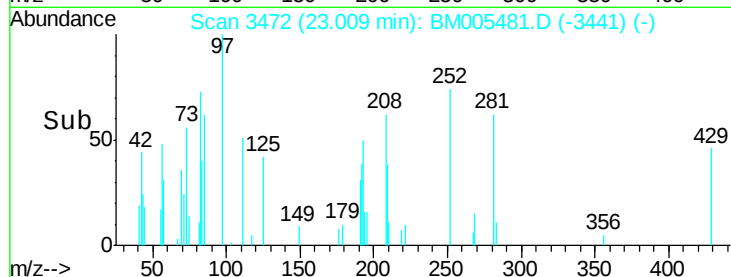
125 56.4 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.56 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

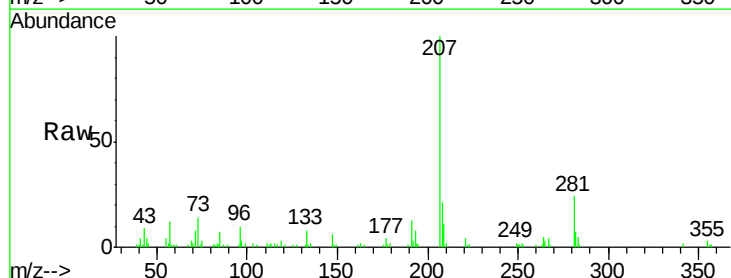
Tgt Ion:252 Resp: 1346

Ion Ratio Lower Upper

252 100

253 42.9 17.5 26.3#

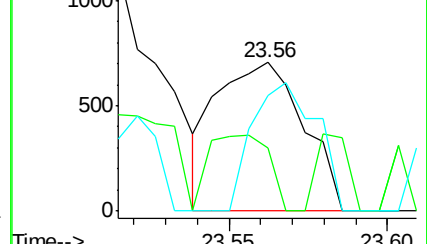
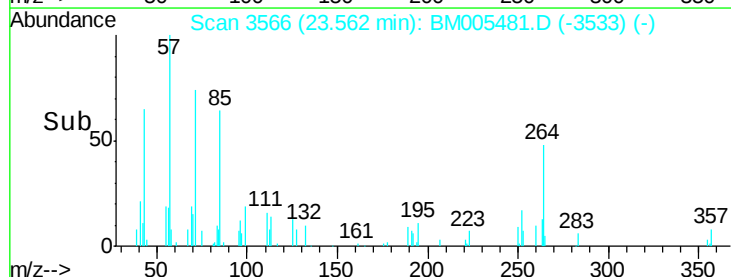
125 77.8 8.7 13.1#

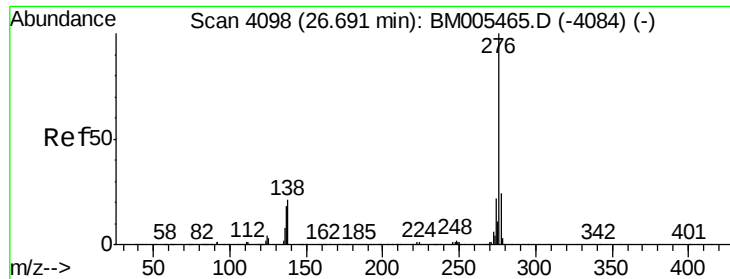


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.67 min Scan# 4095

Delta R.T. -0.02 min

Lab File: BM005481.D

Acq: 18 May 2016 22:09

Instrument :

BNA_M

ClientSampleId :

D9WS9

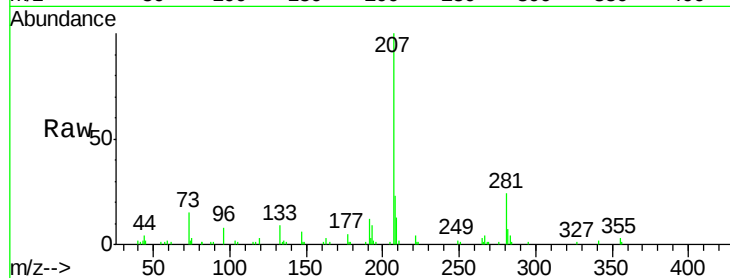
Tgt Ion: 276 Resp: 222

Ion Ratio Lower Upper

276 100

138 0.0 18.2 27.4#

277 0.0 19.4 29.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

