

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005486.D
 Acq On : 19 May 2016 01:10
 Operator : UM/SJ
 Sample : H2890-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY5

Quant Time: May 19 01:47:20 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	7.83	152	23307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	120833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	85058	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	242874	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	429424	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	531811	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	2497	4.12	ng/uL	0.00
5) Phenol-d5	6.99	99	64286	28.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	38133	31.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	48007	27.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	56179	29.46	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	24825	28.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	27181	28.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	55667	29.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	90434	41.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	237944	34.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	269401	32.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	43783	30.52	ng/ul	0.00
57) Fluorene-d10	15.46	176	215847	34.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	30292	23.66	ng/ul	0.00
70) Anthracene-d10	17.30	188	389648	34.88	ng/ul	0.00
76) Pyrene-d10	19.59	212	546148	31.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	852837	35.87	ng/ul	-0.01

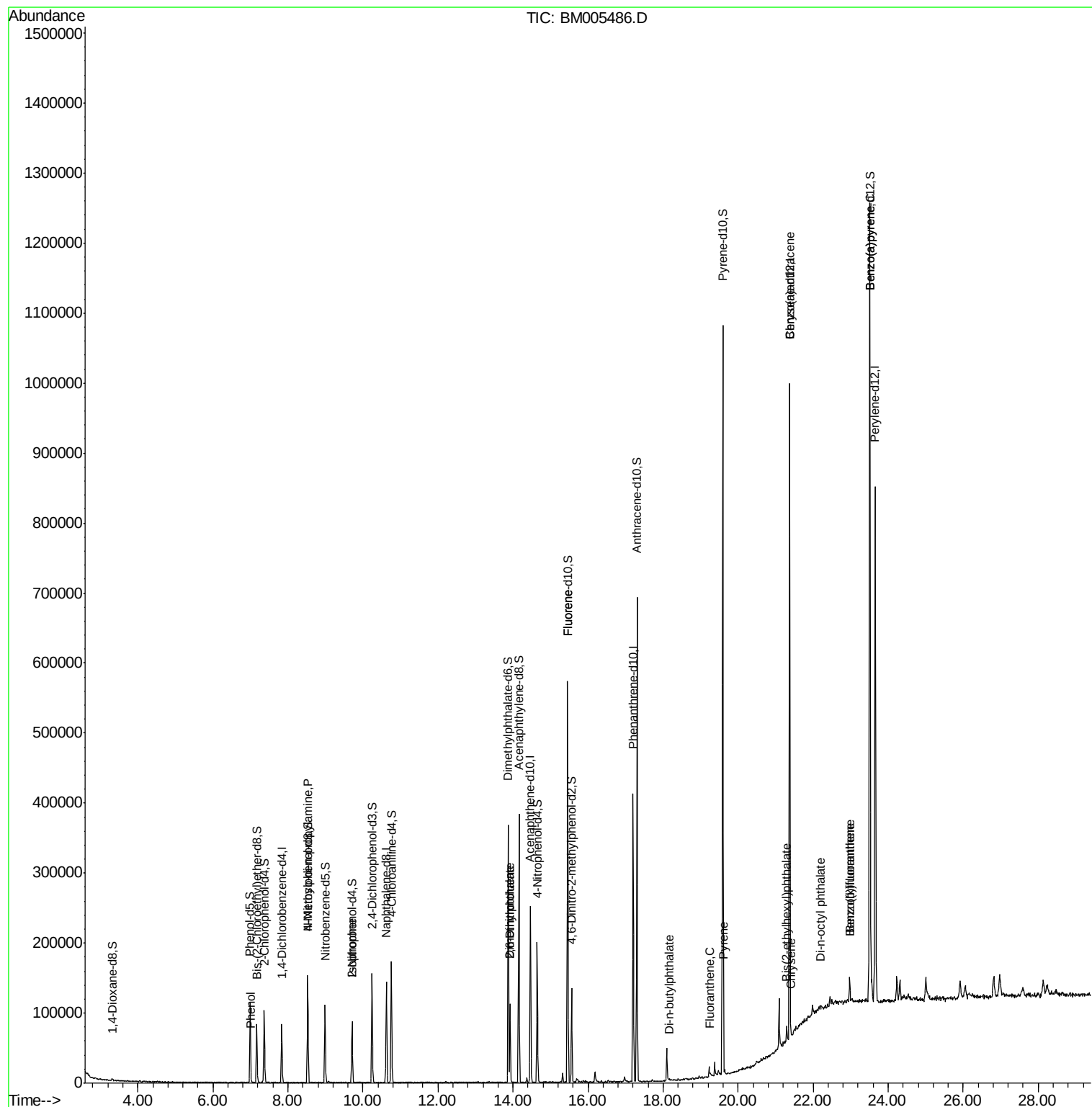
Target Compounds				Qvalue		
6) Phenol	7.02	94	1142	0.49	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.53	70	1460	0.90	ng/ul#	1
21) Isophorone	9.70	82	2632	0.59	ng/ul#	67
44) Dimethylphthalate	13.92	163	70673	9.91	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	463	0.34	ng/ul#	26
58) Fluorene	15.45	166	426	0.06	ng/ul#	9
73) Di-n-butylphthalate	18.17	149	490	0.03	ng/ul#	78
74) Fluoranthene	19.25	202	286	0.02	ng/ul#	72
77) Pyrene	19.62	202	445	0.02	ng/ul#	69
80) Benzo(a)anthracene	21.37	228	1369	0.05	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	7012	0.48	ng/ul#	93
82) Chrysene	21.41	228	552	0.02	ng/ul#	50
84) Di-n-octyl phthalate	22.19	149	347	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	257	0.01	ng/ul#	1
86) Benzo(k)fluoranthene	22.99	252	220	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.51	252	2858	0.09	ng/ul#	64

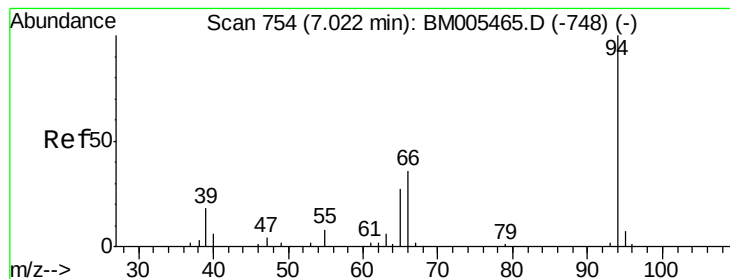
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 0.49 ng/ul

RT: 7.02 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Instrument :

BNA_M

ClientSampled :

D9WY5

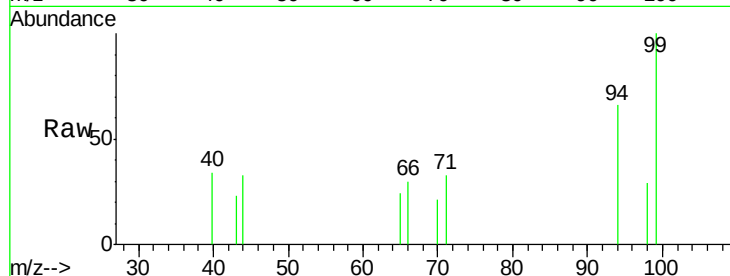
Tgt Ion: 94 Resp: 1142

Ion Ratio Lower Upper

94 100

65 36.7 22.7 34.1#

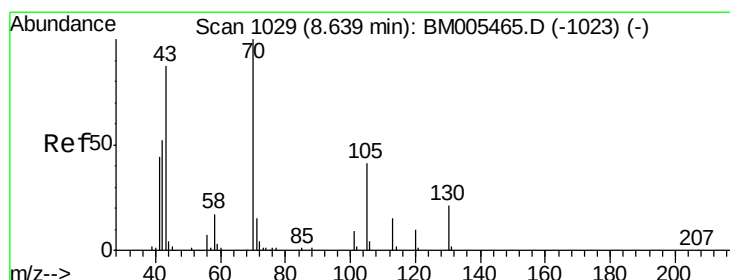
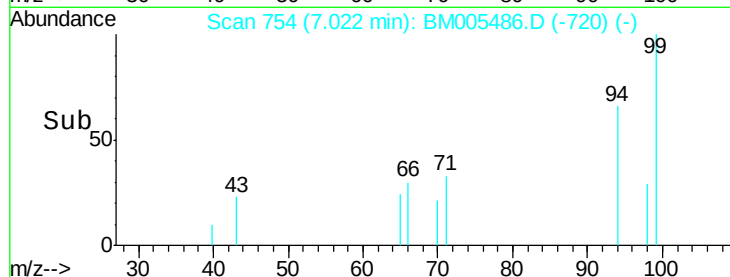
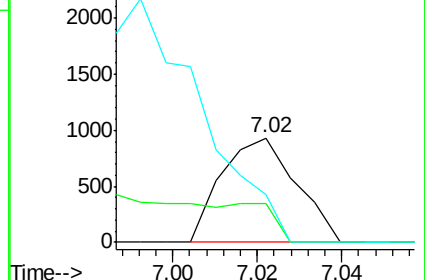
66 45.5 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005486.D (-720) (-)

Ion 65.00 (64.70 to 65.70): BM005486.D (-720) (-)

Ion 66.00 (65.70 to 66.70): BM005486.D (-720) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.90 ng/ul

RT: 8.53 min Scan# 1010

Delta R.T. -0.11 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Tgt Ion: 70 Resp: 1460

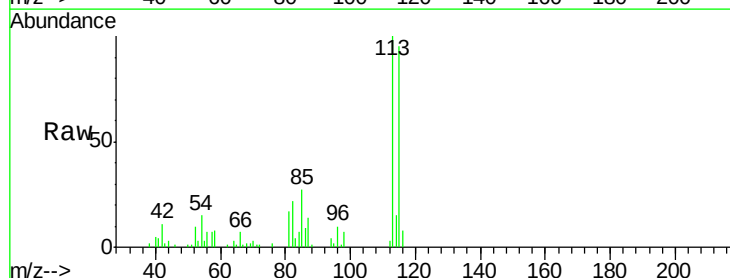
Ion Ratio Lower Upper

70 100

42 324.0 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

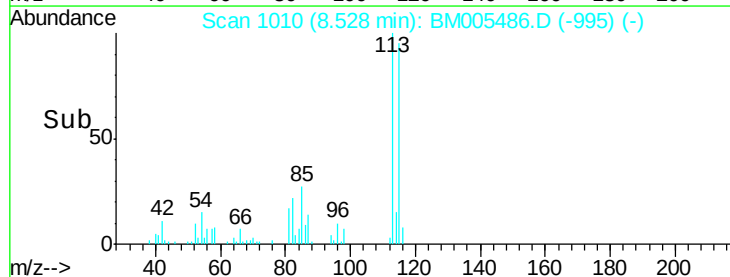
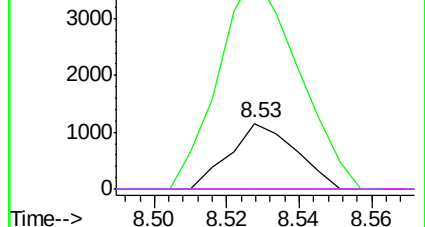


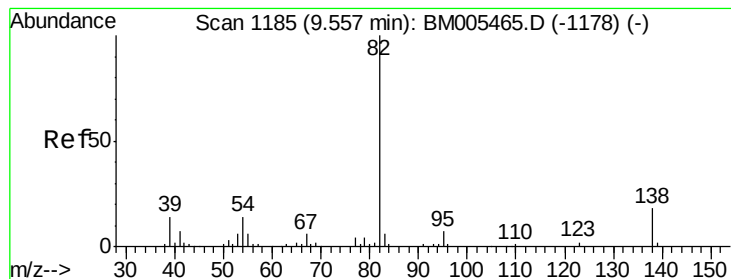
Abundance Ion 70.00 (69.70 to 70.70): BM005486.D (-995) (-)

Ion 42.00 (41.70 to 42.70): BM005486.D (-995) (-)

Ion 101.00 (100.70 to 101.70): BM005486.D (-995) (-)

Ion 130.00 (129.70 to 130.70): BM005486.D (-995) (-)





#21

Isophorone

Concen: 0.59 ng/ul

RT: 9.70 min Scan# 1210

Delta R.T. 0.15 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Instrument :

BNA_M

ClientSampleId :

D9WY5

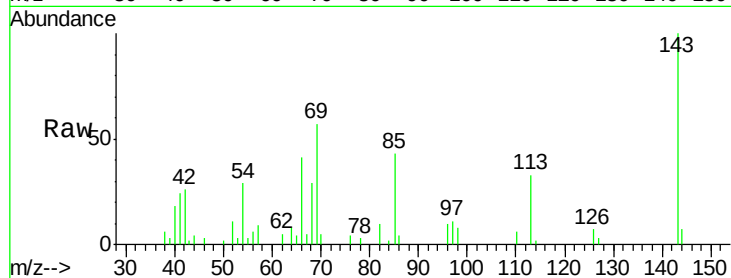
Tgt Ion: 82 Resp: 2632

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.2#

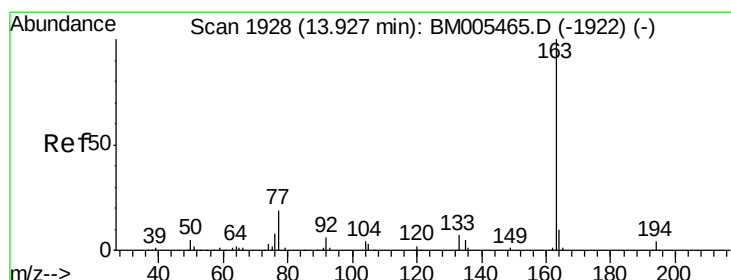
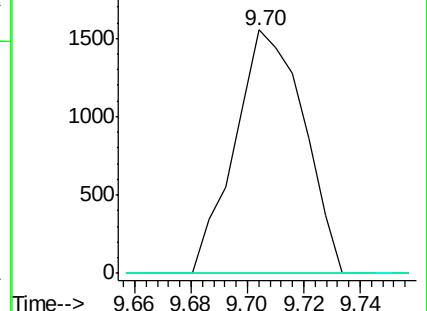
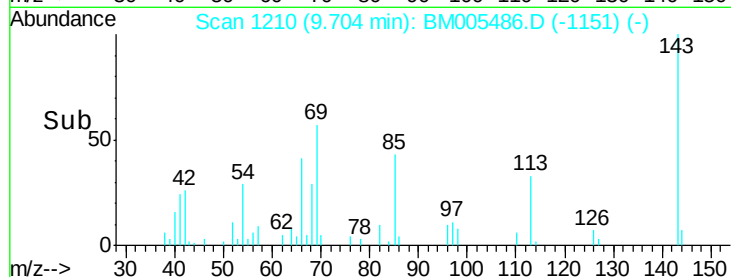


Abundance Ion 82.00 (81.70 to 82.70): BM005465.D (-1178) (-)

Ion 95.00 (94.70 to 95.70): BM005465.D (-1178) (-)

Ion 138.00 (137.70 to 138.70): BM005465.D (-1178) (-)

Time-->



#44

Dimethylphthalate

Concen: 9.91 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

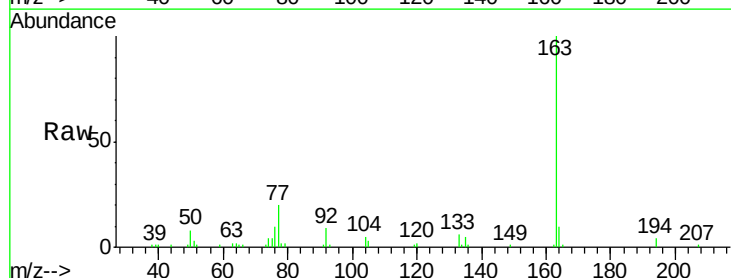
Tgt Ion: 163 Resp: 70673

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.5 7.9 11.9

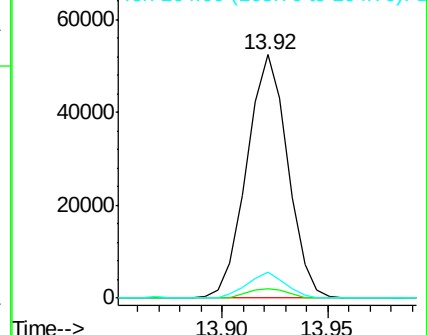
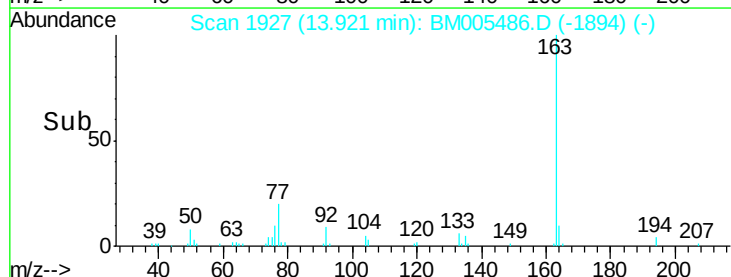


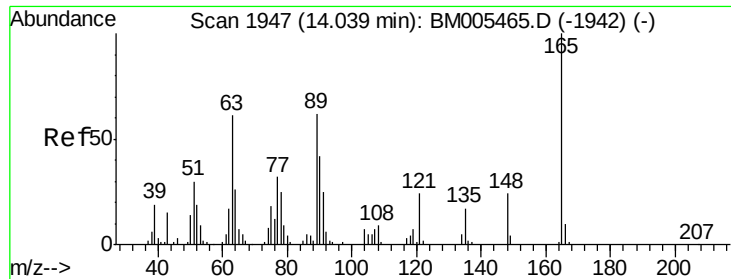
Abundance Ion 163.00 (162.70 to 163.70): BM005465.D (-1922) (-)

Ion 194.00 (193.70 to 194.70): BM005465.D (-1922) (-)

Ion 164.00 (163.70 to 164.70): BM005465.D (-1922) (-)

Time-->

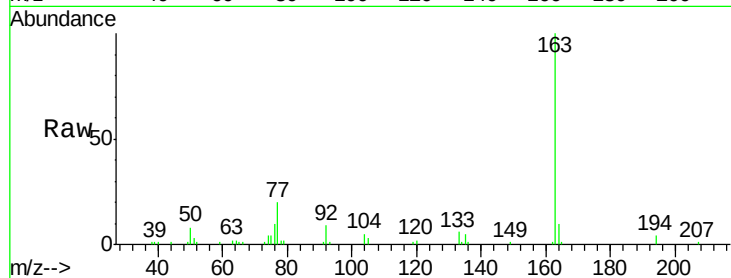




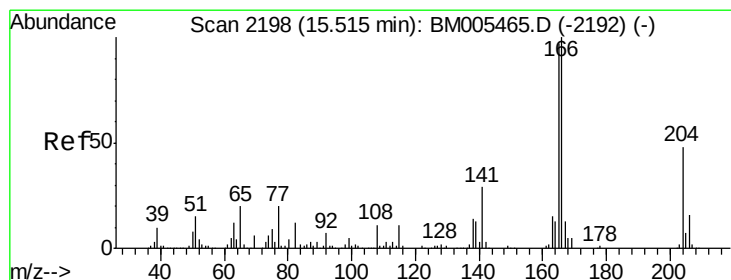
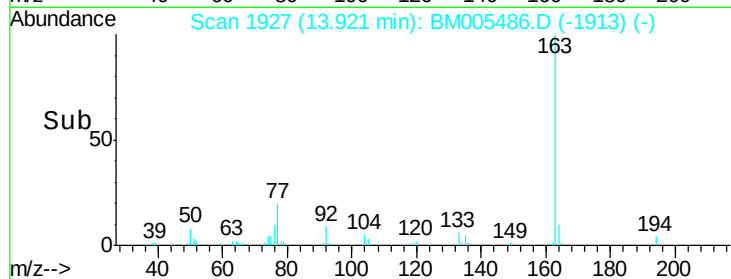
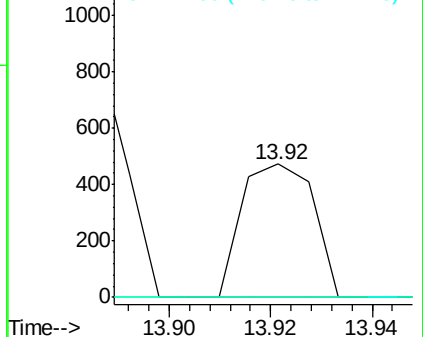
#45
 2,6-Dinitrotoluene
 Concen: 0.34 ng/ul
 RT: 13.92 min Scan# 1927
 Delta R.T. -0.12 min
 Lab File: BM005486.D
 Acq: 19 May 2016 01:10

Instrument :
 BNA_M
 ClientSampleId :
 D9WY5

Tgt Ion:165 Resp: 463
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 0.0 21.0 31.4#

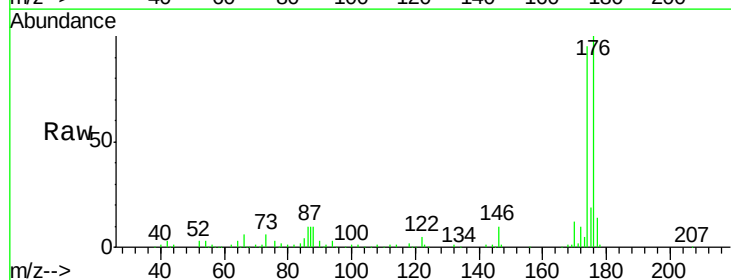


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM005465.D (-1942) (-)
 Ion 121.00 (120.70 to 121.70): E

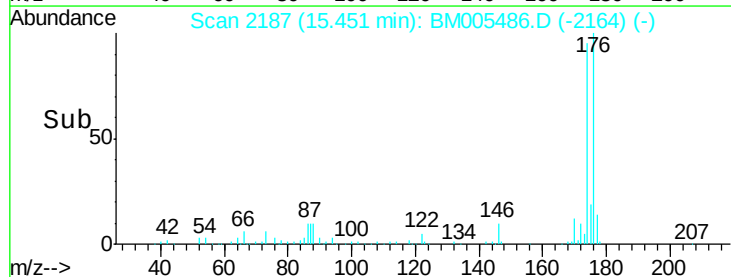
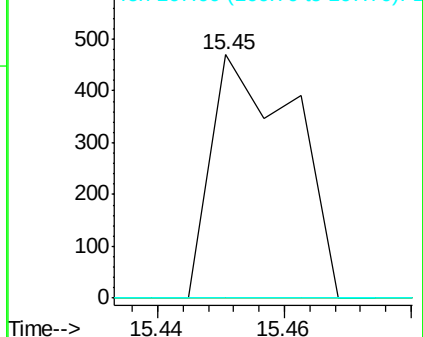


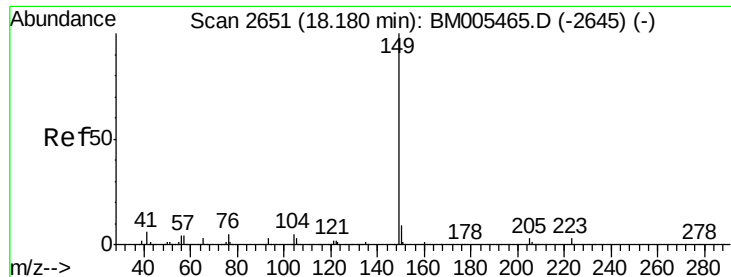
#58
 Fluorene
 Concen: 0.06 ng/ul
 RT: 15.45 min Scan# 2187
 Delta R.T. -0.06 min
 Lab File: BM005486.D
 Acq: 19 May 2016 01:10

Tgt Ion:166 Resp: 426
 Ion Ratio Lower Upper
 166 100
 165 0.0 77.9 116.9#
 167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.03 ng/ul

RT: 18.17 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Instrument :

BNA_M

ClientSampleId :

D9WY5

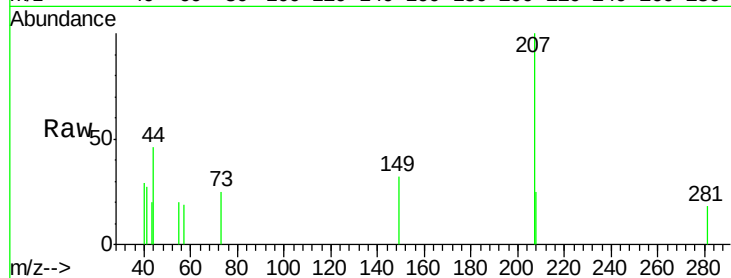
Tgt Ion:149 Resp: 490

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

18.17

600

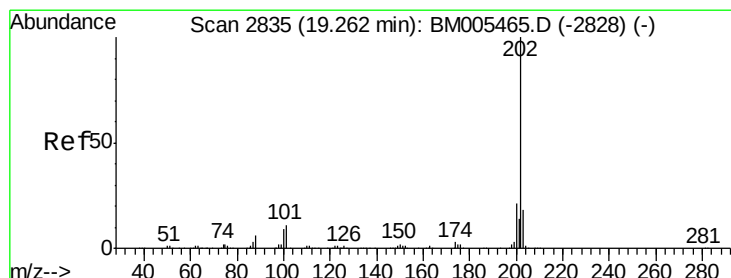
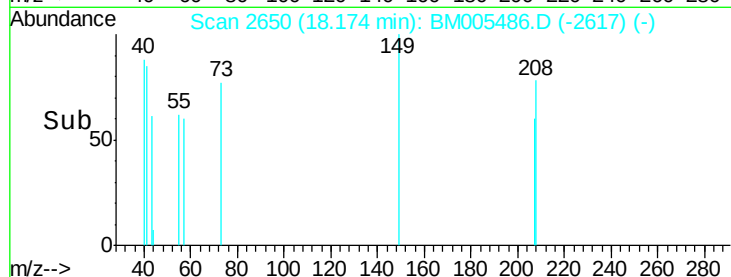
400

200

0

18.16 18.18

Time-->



#74

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.25 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

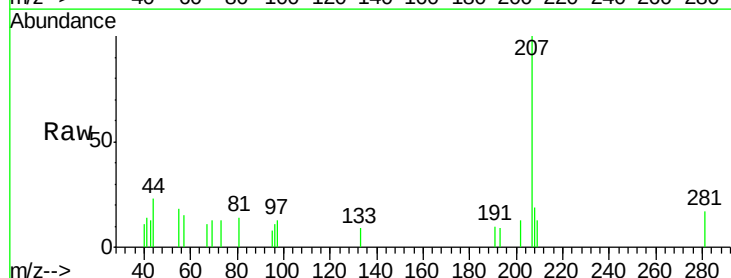
Tgt Ion:202 Resp: 286

Ion Ratio Lower Upper

202 100

101 0.0 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): B

19.25

600

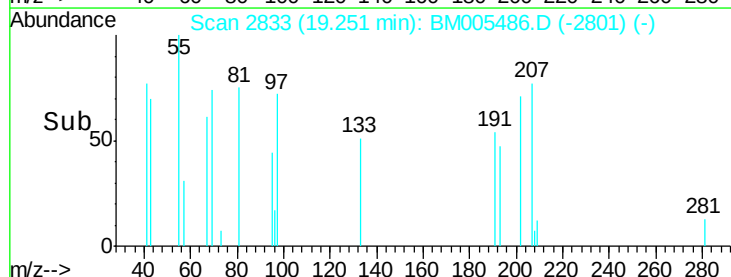
400

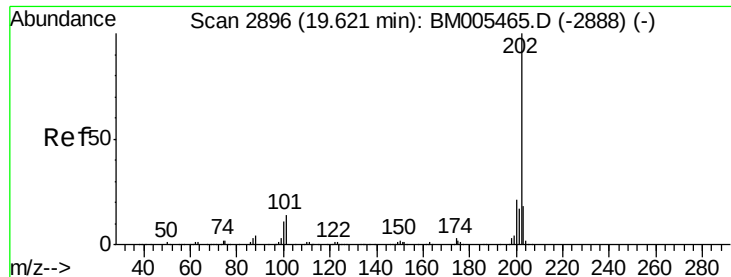
200

0

19.24 19.25 19.26

Time-->





#77

Pyrene

Concen: 0.02 ng/ul

RT: 19.62 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Instrument :

BNA_M

ClientSampleId :

D9WY5

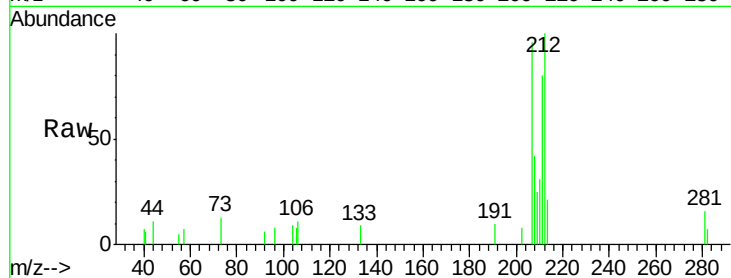
Tgt Ion:202 Resp: 445

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

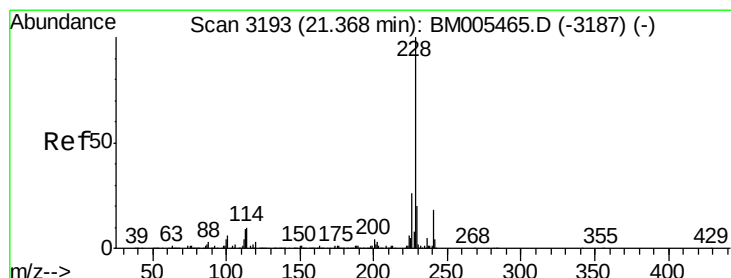
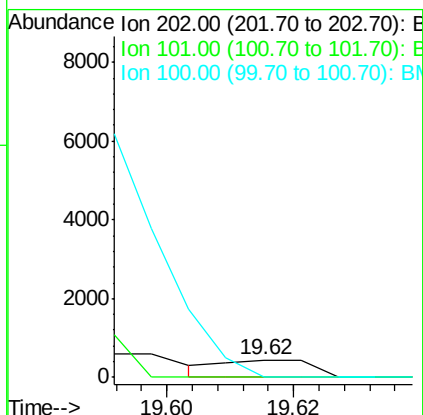
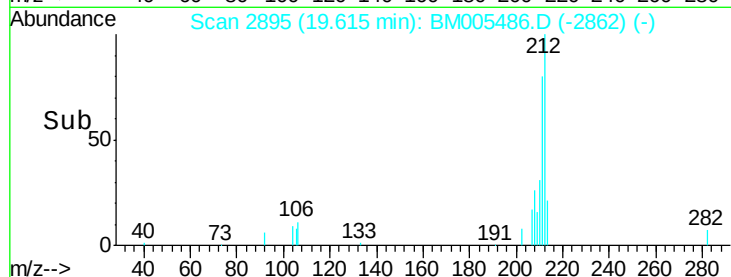
100 0.0 8.4 12.6#



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: 0.05 ng/ul

RT: 21.37 min Scan# 3194

Delta R.T. 0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

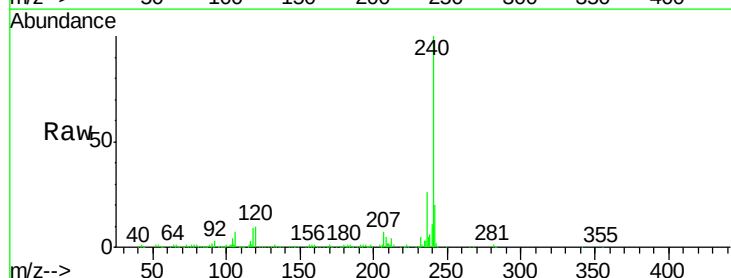
Tgt Ion:228 Resp: 1369

Ion Ratio Lower Upper

228 100

229 0.0 15.5 23.3#

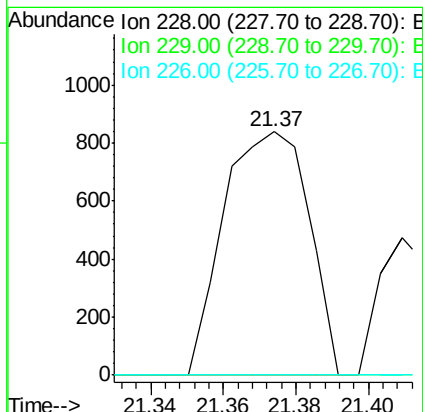
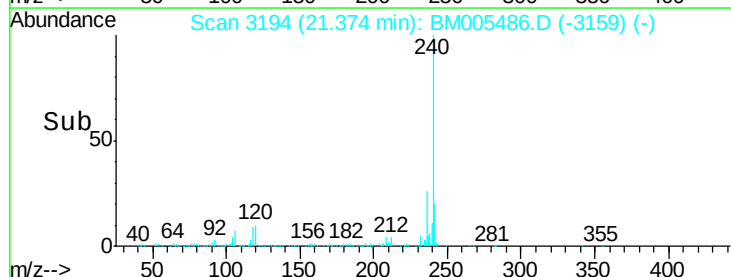
226 0.0 21.8 32.8#

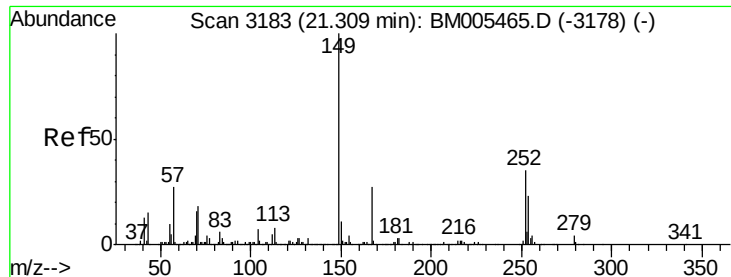


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

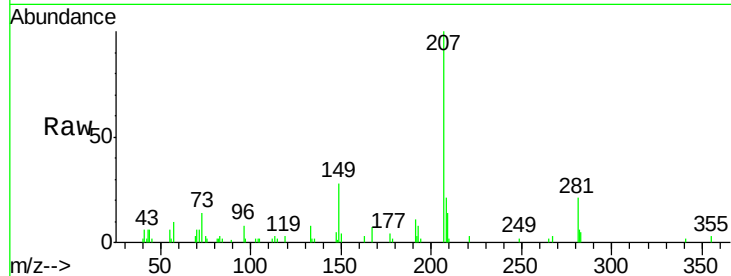




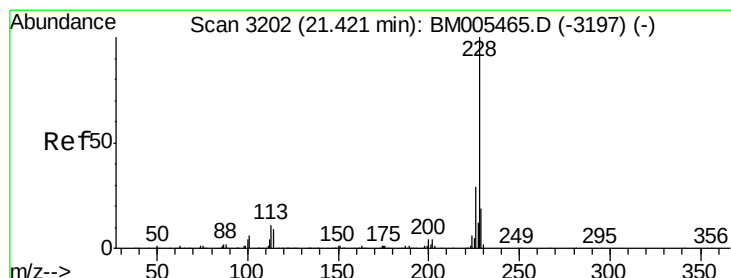
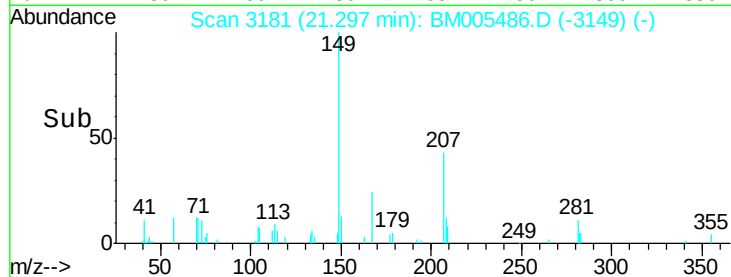
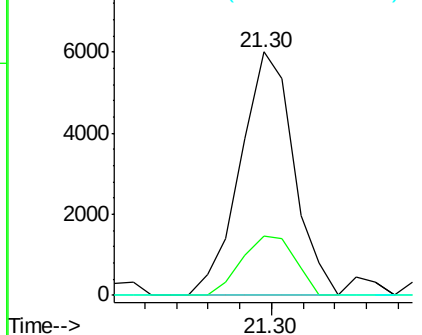
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.48 ng/ul
 RT: 21.30 min Scan# 3181
 Delta R.T. -0.01 min
 Lab File: BM005486.D
 Acq: 19 May 2016 01:10

Instrument :
 BNA_M
 ClientSampleId :
 D9WY5

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.1	21.9	32.9
279	0.0	3.0	4.4#

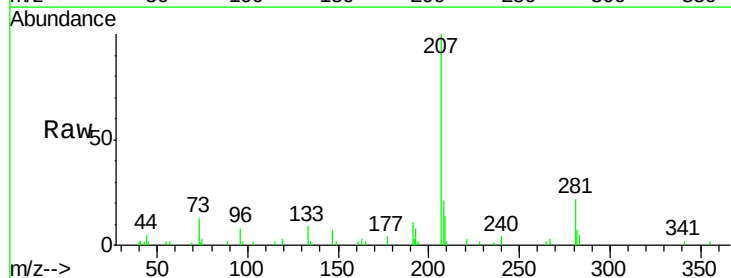


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

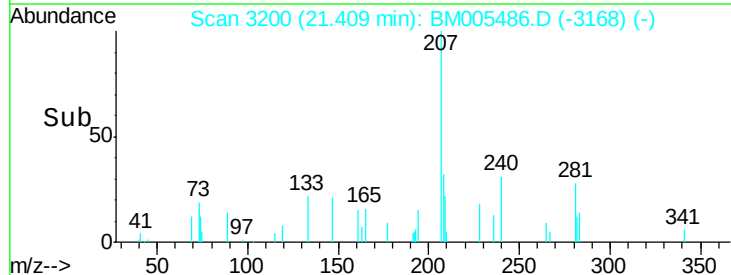
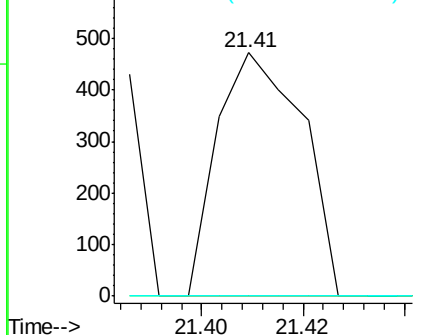


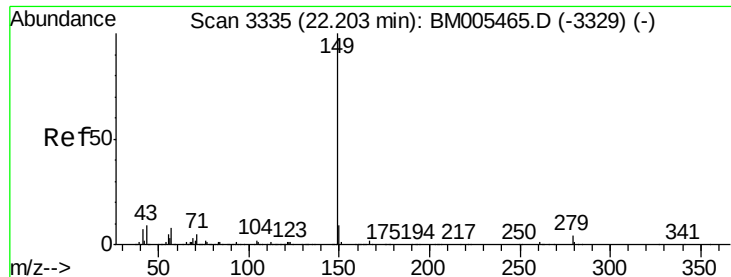
#82
 Chrysene
 Concen: 0.02 ng/ul
 RT: 21.41 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BM005486.D
 Acq: 19 May 2016 01:10

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



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





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.19 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Instrument :

BNA_M

ClientSampleId :

D9WY5

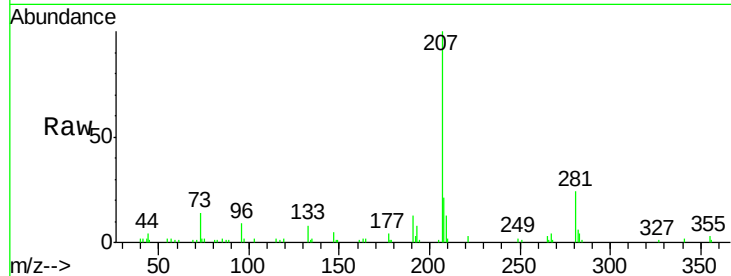
Tgt Ion:149 Resp: 347

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

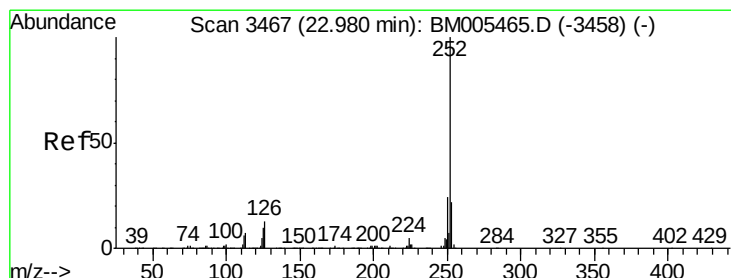
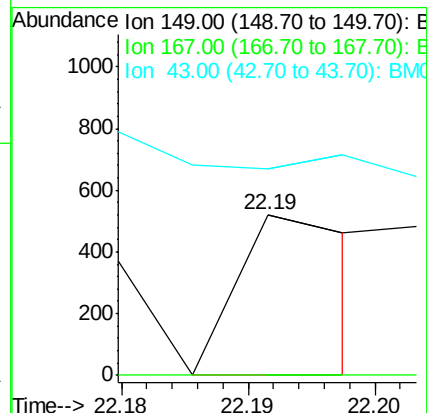
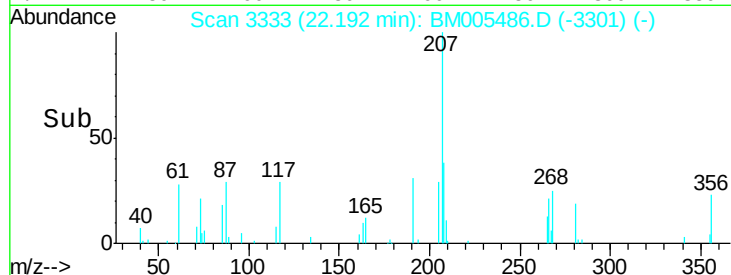
43 128.4 7.4 11.0#



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: 0.01 ng/ul

RT: 22.97 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

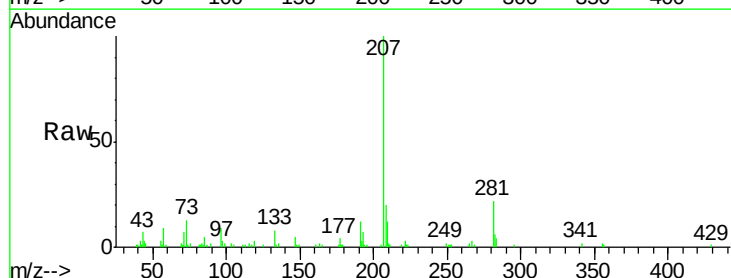
Tgt Ion:252 Resp: 257

Ion Ratio Lower Upper

252 100

253 79.9 17.4 26.2#

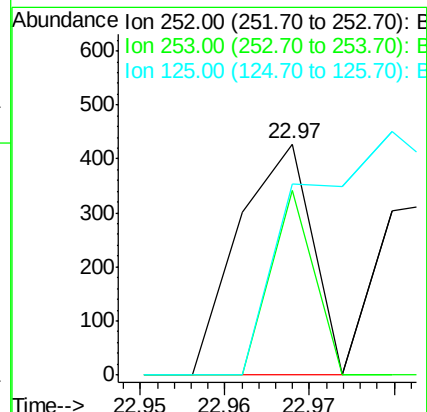
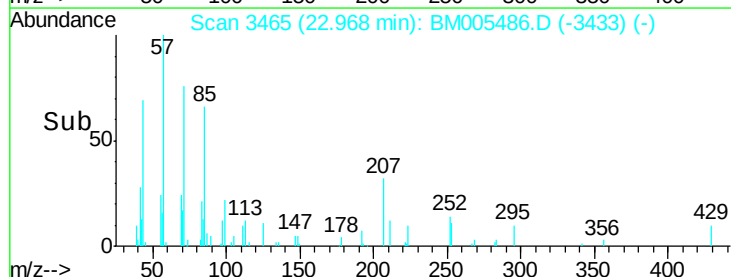
125 82.5 8.4 12.6#

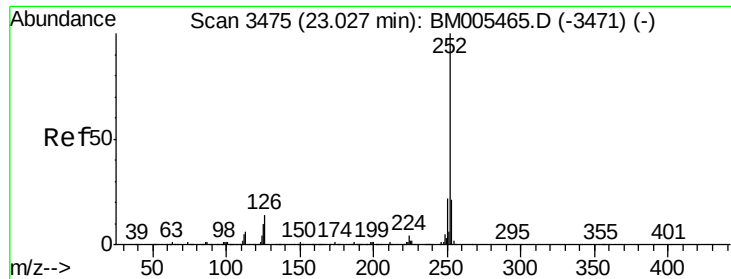


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. -0.04 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Instrument :

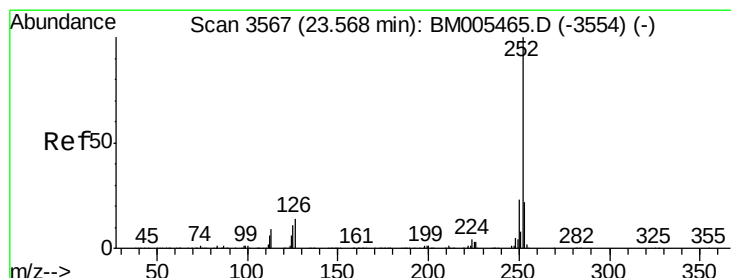
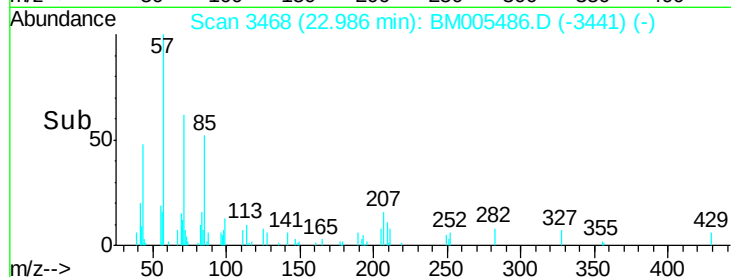
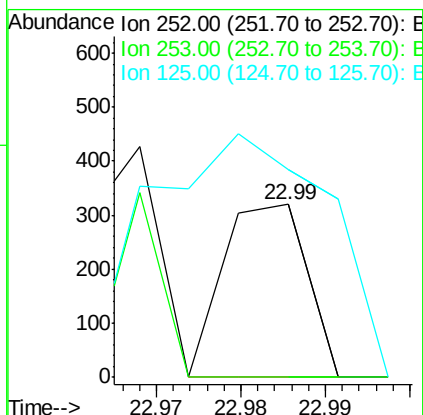
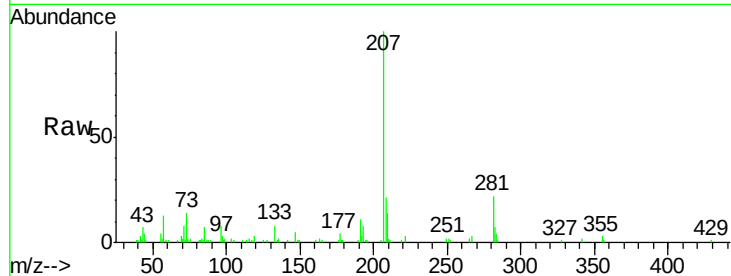
BNA_M

ClientSampled :

D9WY5

Tgt Ion:252 Resp: 220

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	120.0	8.0	12.0#



#88

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.51 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BM005486.D

Acq: 19 May 2016 01:10

Tgt Ion:252 Resp: 2858

Ion	Ratio	Lower	Upper
252	100		
253	36.4	17.5	26.3#
125	28.8	8.7	13.1#

