

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005482.D
 Acq On : 18 May 2016 22:45
 Operator : UM/SJ
 Sample : H2841-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WX4

Quant Time: May 19 01:46:12 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	29967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	149037	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	104759	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	285083	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	457721	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	536138	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	3017	3.88	ng/uL	0.00
5) Phenol-d5	6.99	99	81383	28.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	49721	31.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	63828	28.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	70782	28.87	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	32454	30.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	34747	29.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	69568	29.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	57276	21.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	292701	33.99	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	334500	32.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	55128	31.20	ng/ul	0.00
57) Fluorene-d10	15.46	176	261069	34.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	38146	25.38	ng/ul	0.00
70) Anthracene-d10	17.30	188	451133	34.41	ng/ul	0.00
76) Pyrene-d10	19.59	212	612106	33.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	871278	36.35	ng/ul	0.00

Target Compounds

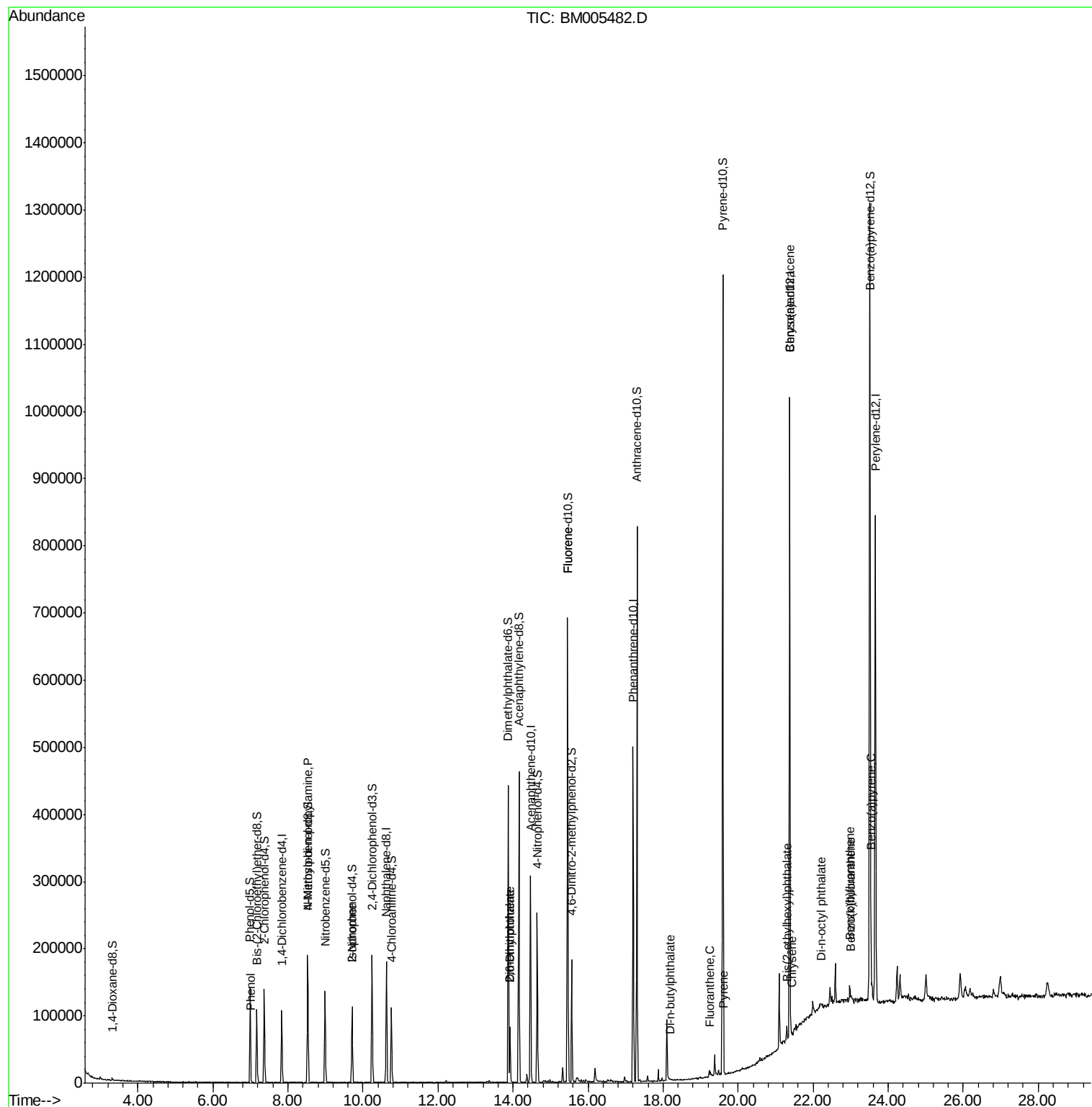
						Qvalue
6) Phenol	7.02	94	122	0.04	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.53	70	1685	0.81	ng/ul#	1
21) Isophorone	9.71	82	3207	0.59	ng/ul#	67
44) Dimethylphthalate	13.92	163	51437	5.86	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	439	0.26	ng/ul#	26
58) Fluorene	15.46	166	411	0.05	ng/ul#	9
73) Di-n-butylphthalate	18.18	149	754	0.04	ng/ul#	78
74) Fluoranthene	19.26	202	301	0.02	ng/ul#	72
77) Pyrene	19.62	202	433	0.02	ng/ul#	69
80) Benzo(a)anthracene	21.38	228	1645	0.06	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	7493	0.48	ng/ul#	94
82) Chrysene	21.42	228	617	0.02	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	174	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.99	252	219	0.01	ng/ul#	1
86) Benzo(k)fluoranthene	23.00	252	114	0.00	ng/ul#	60
88) Benzo(a)pyrene	23.54	252	110	0.00	ng/ul#	1

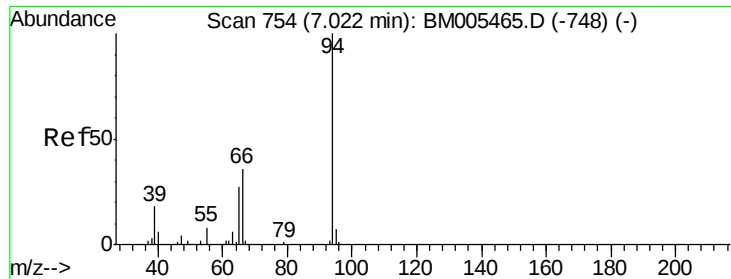
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 0.04 ng/ul

RT: 7.02 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

Instrument :

BNA_M

ClientSampleId :

D9WX4

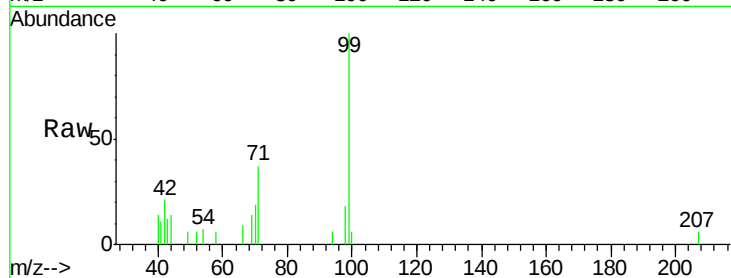
Tgt Ion: 94 Resp: 122

Ion Ratio Lower Upper

94 100

65 0.0 22.7 34.1#

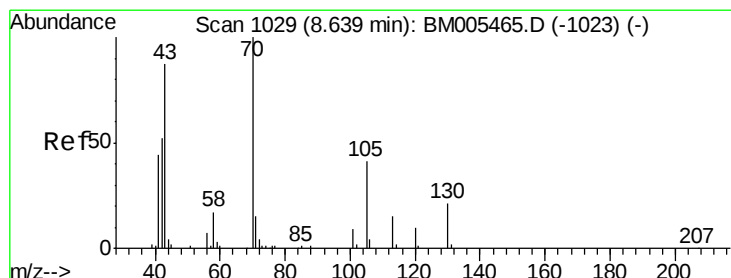
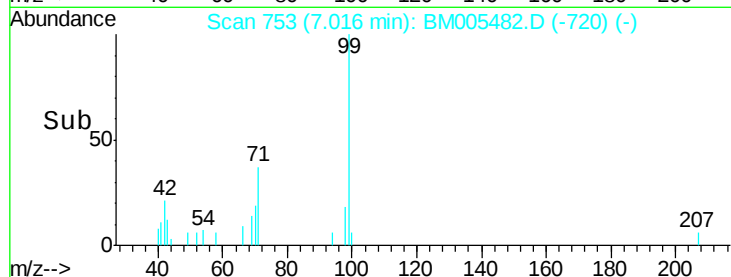
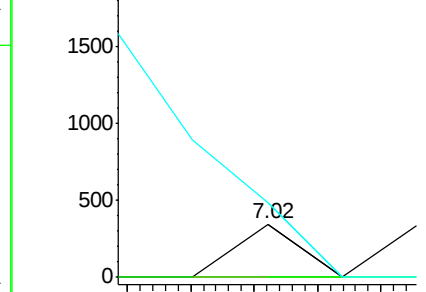
66 140.9 31.7 47.5#



Abundance Ion 94.00 (93.70 to 94.70): BM005465.D (-748) (-)

Ion 65.00 (64.70 to 65.70): BM005465.D (-748) (-)

Ion 66.00 (65.70 to 66.70): BM005465.D (-748) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.81 ng/ul

RT: 8.53 min Scan# 1010

Delta R.T. -0.11 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

Tgt Ion: 70 Resp: 1685

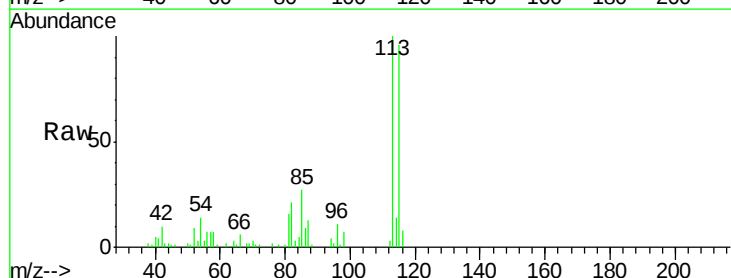
Ion Ratio Lower Upper

70 100

42 356.4 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

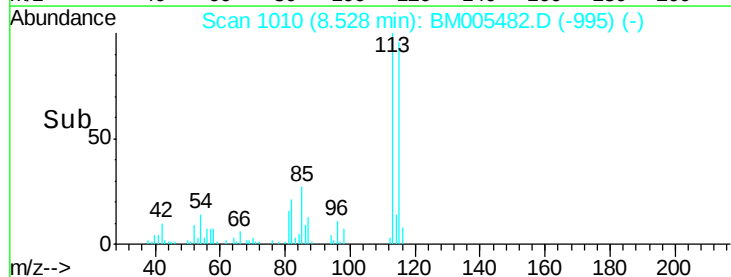
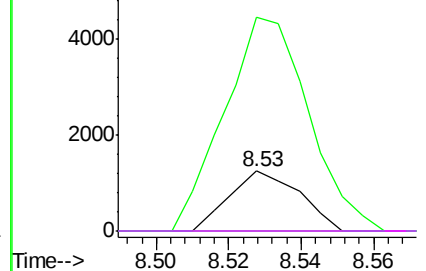


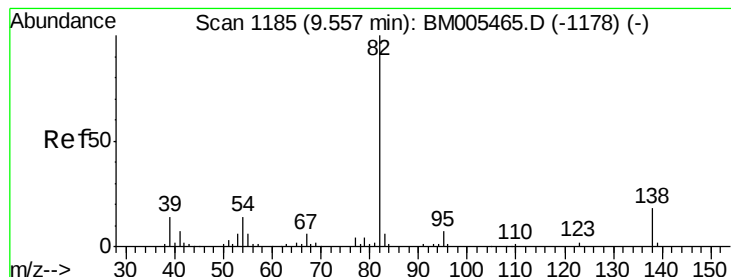
Abundance Ion 70.00 (69.70 to 70.70): BM005465.D (-1023) (-)

Ion 42.00 (41.70 to 42.70): BM005465.D (-1023) (-)

Ion 101.00 (100.70 to 101.70): BM005465.D (-1023) (-)

Ion 130.00 (129.70 to 130.70): BM005465.D (-1023) (-)





#21

Isophorone

Concen: 0.59 ng/ul

RT: 9.71 min Scan# 1211

Delta R.T. 0.15 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

Instrument :

BNA_M

ClientSampleId :

D9WX4

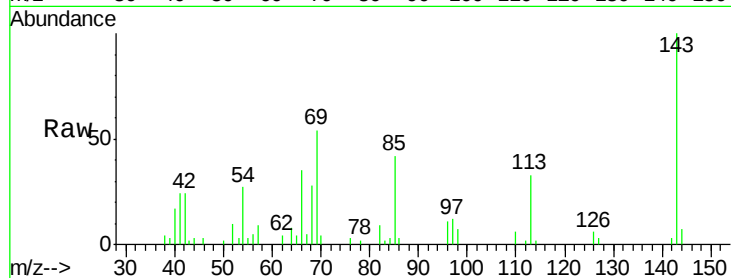
Tgt Ion: 82 Resp: 3207

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

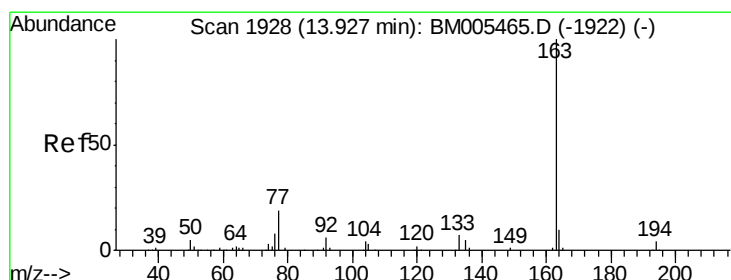
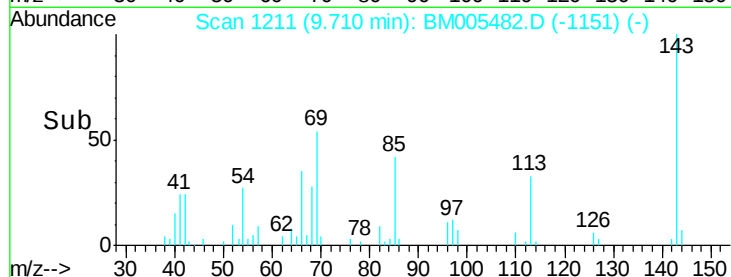
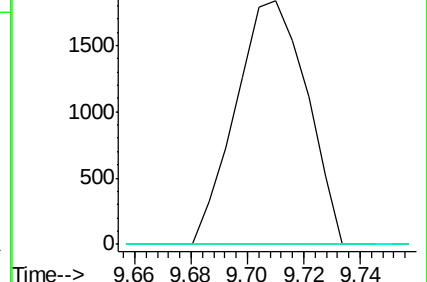
138 0.0 13.4 20.2#



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) (-)



#44

Dimethylphthalate

Concen: 5.86 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

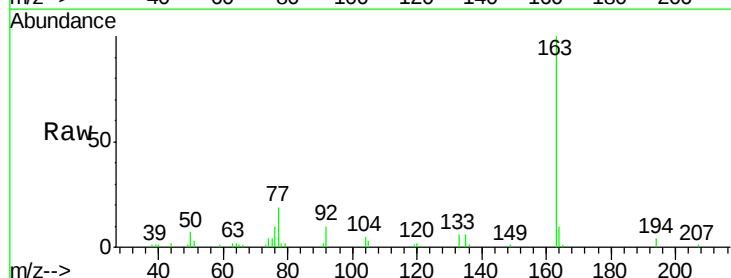
Tgt Ion: 163 Resp: 51437

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

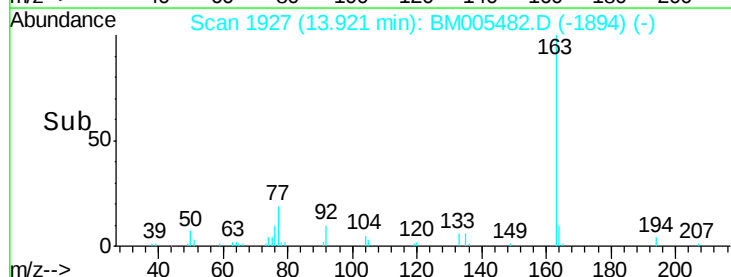
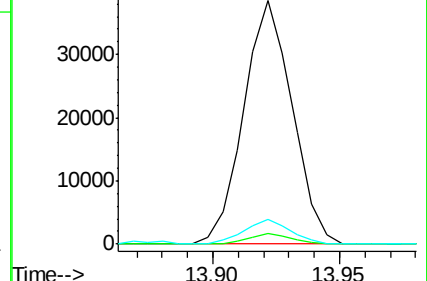
164 10.0 7.9 11.9

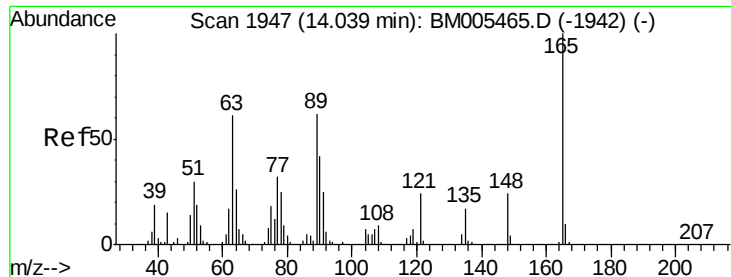


Abundance Ion 163.00 (162.70 to 163.70): BM005465.D (-1922) (-)

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

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

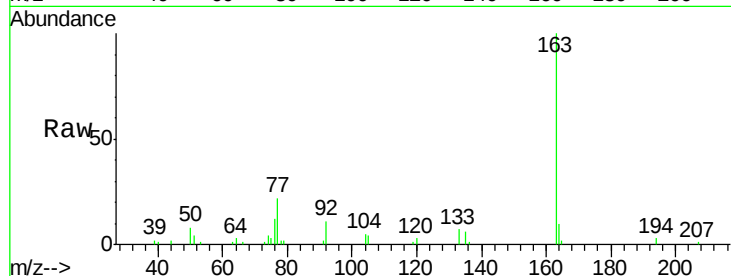




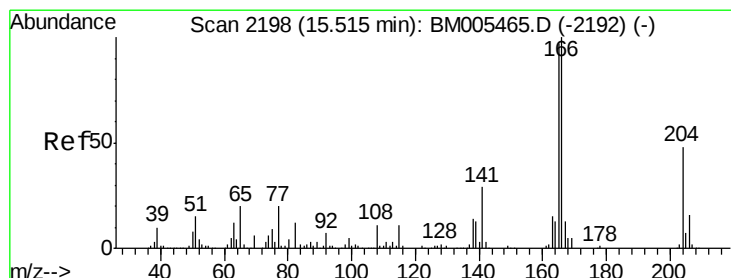
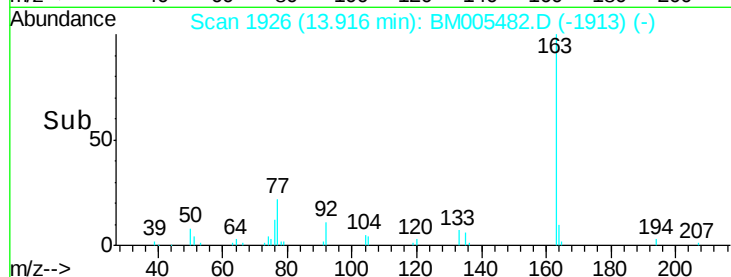
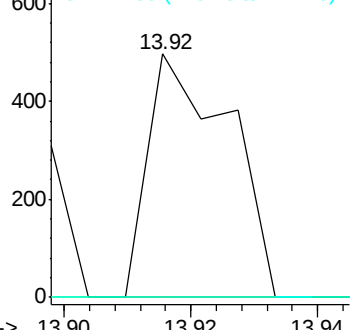
#45
 2,6-Dinitrotoluene
 Concen: 0.26 ng/ul
 RT: 13.92 min Scan# 1926
 Delta R.T. -0.12 min
 Lab File: BM005482.D
 Acq: 18 May 2016 22:45

Instrument :
 BNA_M
 ClientSampleId :
 D9WX4

Tgt Ion:165 Resp: 439
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 0.0 21.0 31.4#

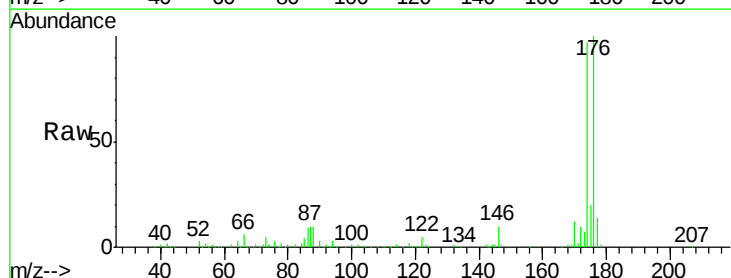


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

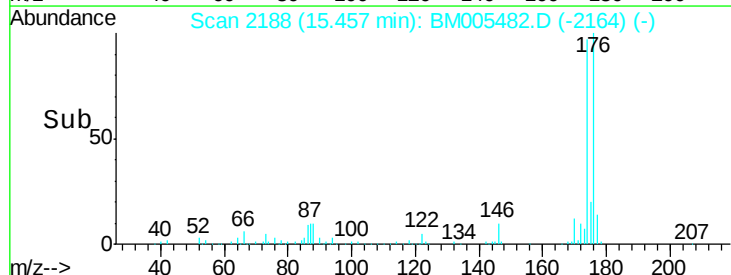
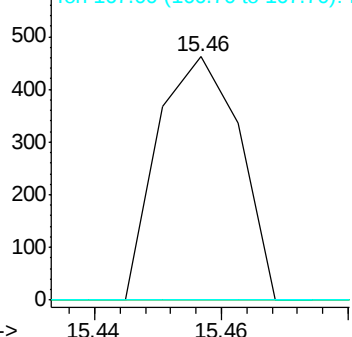


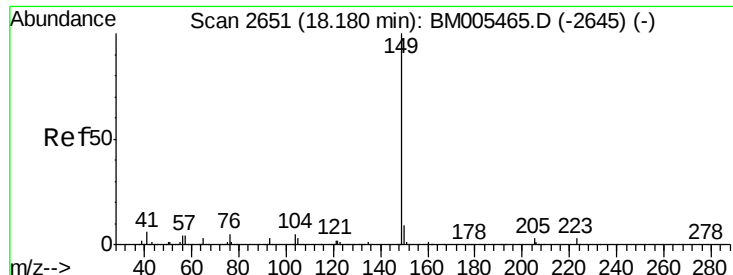
#58
 Fluorene
 Concen: 0.05 ng/ul
 RT: 15.46 min Scan# 2188
 Delta R.T. -0.06 min
 Lab File: BM005482.D
 Acq: 18 May 2016 22:45

Tgt Ion:166 Resp: 411
 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: 0.04 ng/ul

RT: 18.18 min Scan# 2651

Delta R.T. 0.00 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

Instrument :

BNA_M

ClientSampleId :

D9WX4

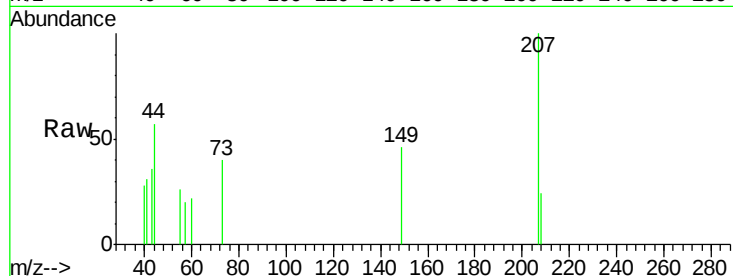
Tgt Ion:149 Resp: 754

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

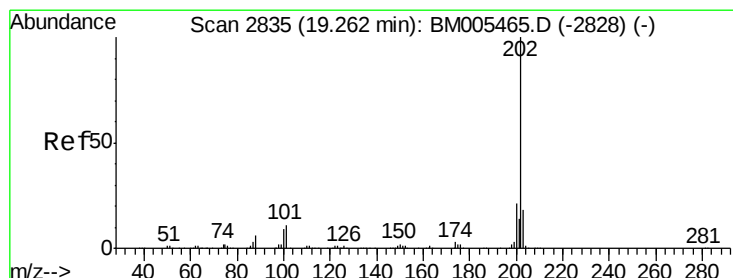
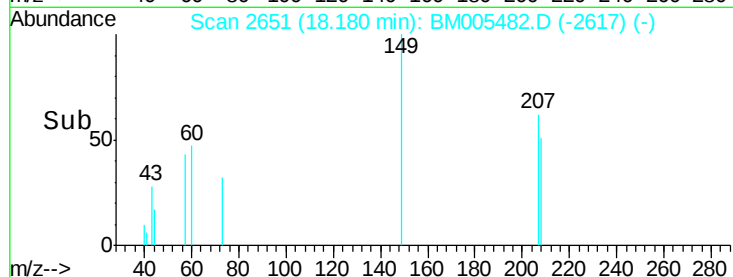
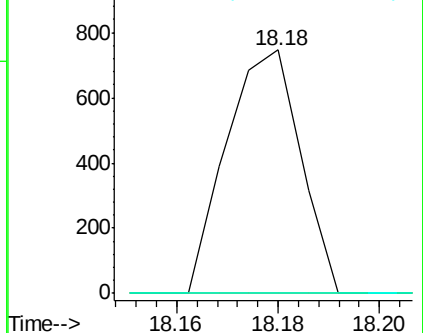
104 0.0 4.1 6.1#



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



#74

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

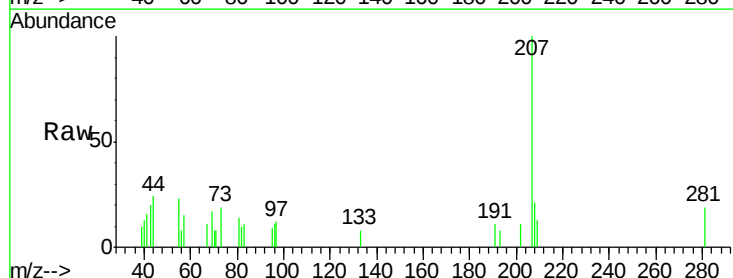
Tgt Ion:202 Resp: 301

Ion Ratio Lower Upper

202 100

101 0.0 9.2 13.8#

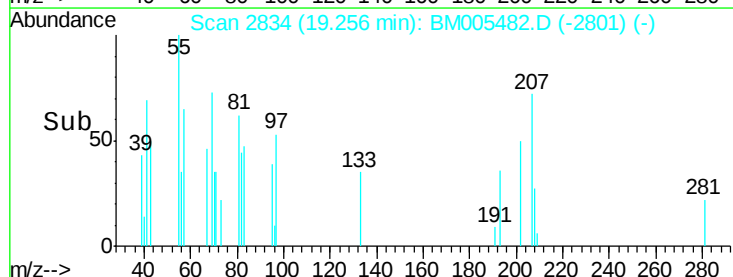
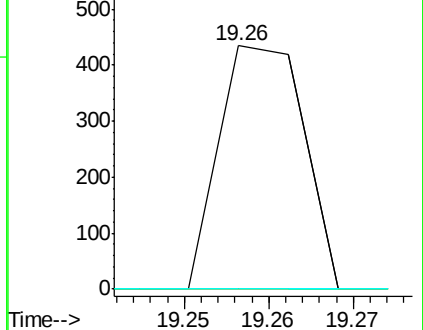
100 0.0 7.1 10.7#

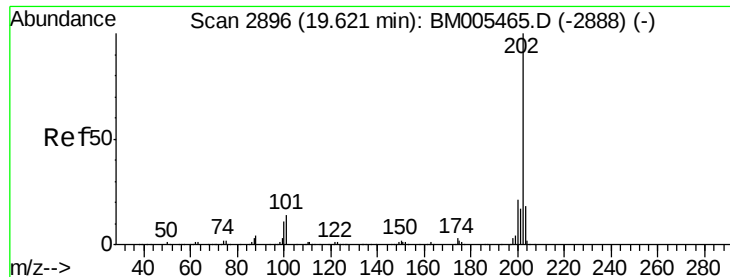


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 0.02 ng/ul

RT: 19.62 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

Instrument :

BNA_M

ClientSampleId :

D9WX4

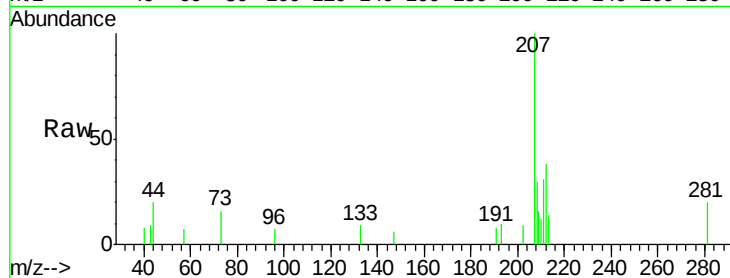
Tgt Ion:202 Resp: 433

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

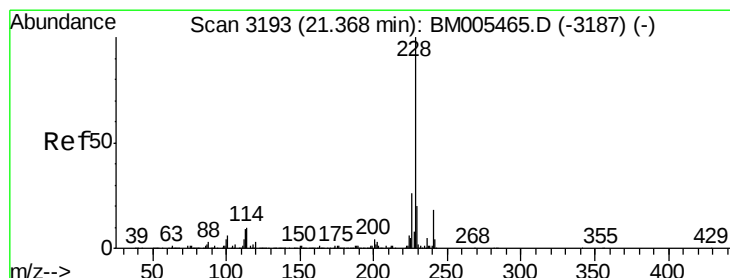
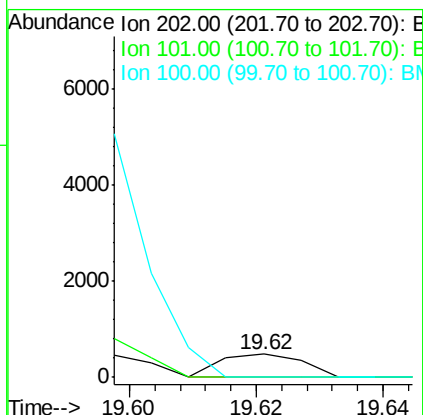
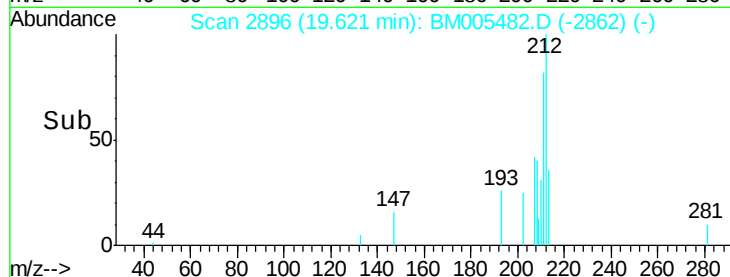
100 0.0 8.4 12.6#



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: 0.06 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

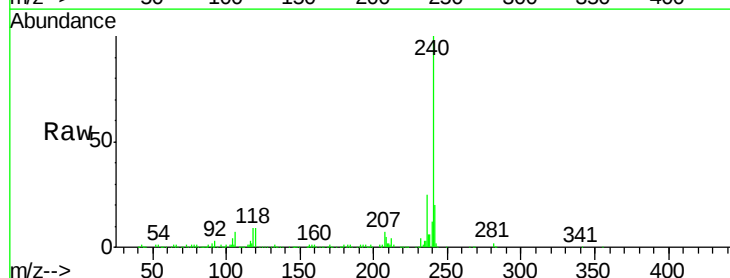
Tgt Ion:228 Resp: 1645

Ion Ratio Lower Upper

228 100

229 0.0 15.5 23.3#

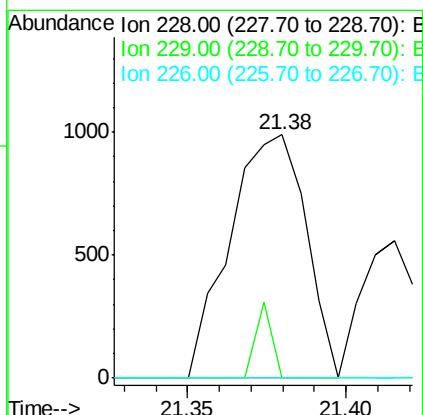
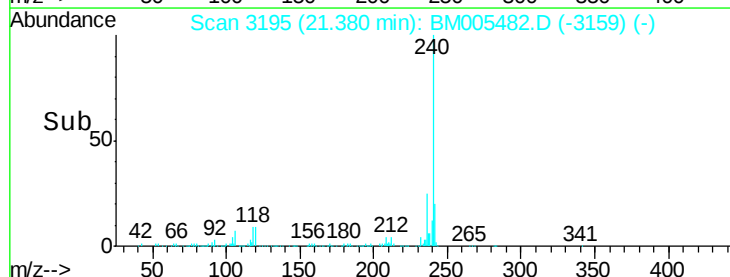
226 0.0 21.8 32.8#

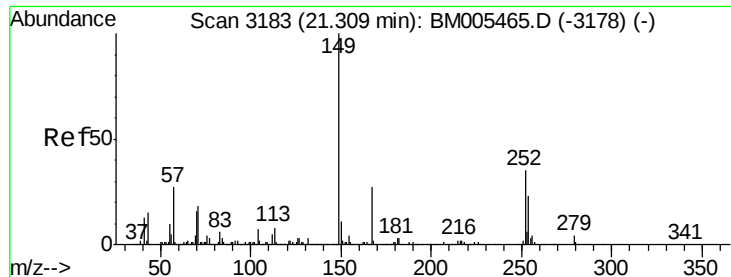


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

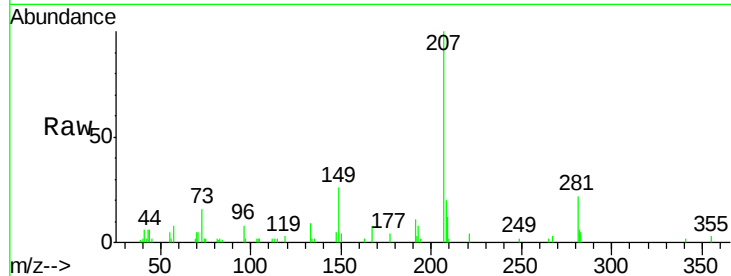




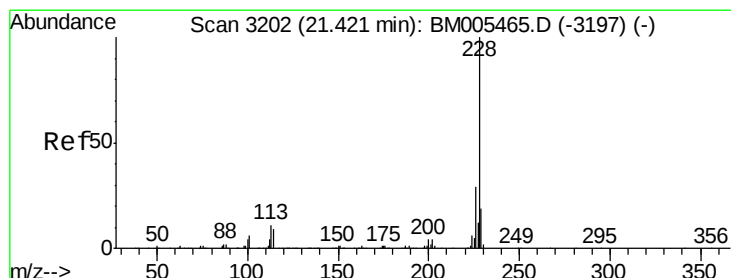
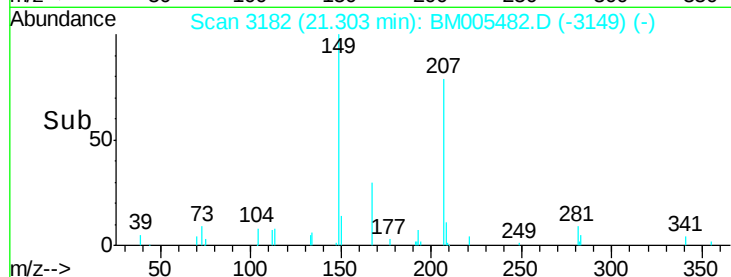
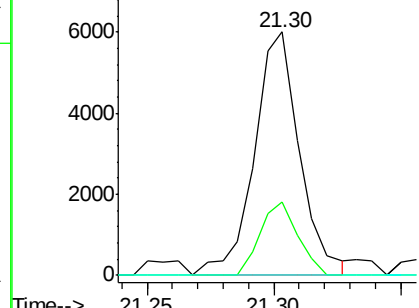
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.48 ng/ul
 RT: 21.30 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BM005482.D
 Acq: 18 May 2016 22:45

Instrument :
 BNA_M
 ClientSampleId :
 D9WX4

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.9	32.9
279	0.0	3.0	4.4#

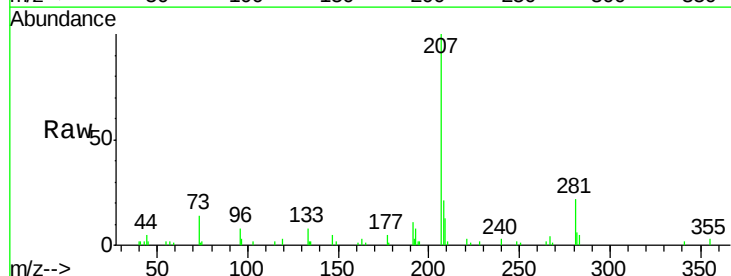


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

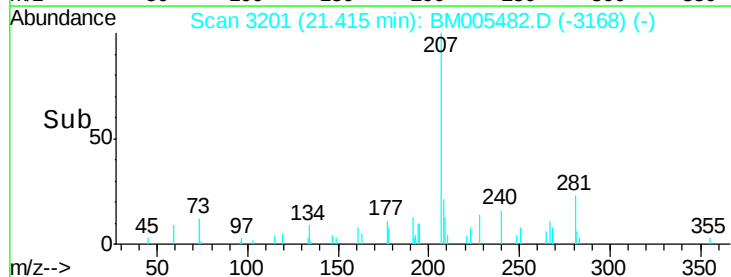
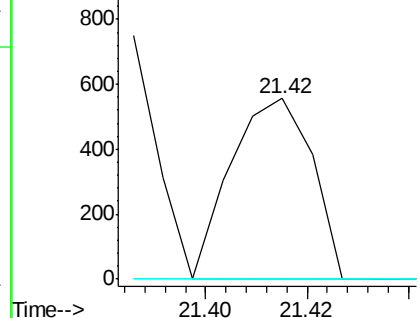


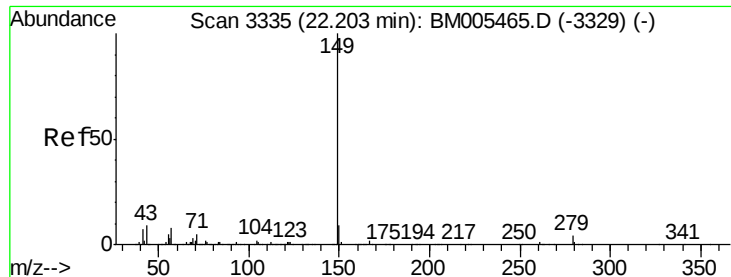
#82
 Chrysene
 Concen: 0.02 ng/ul
 RT: 21.42 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BM005482.D
 Acq: 18 May 2016 22:45

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: 22.20 min Scan# 3335

Delta R.T. 0.00 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

Instrument :

BNA_M

ClientSampleId :

D9WX4

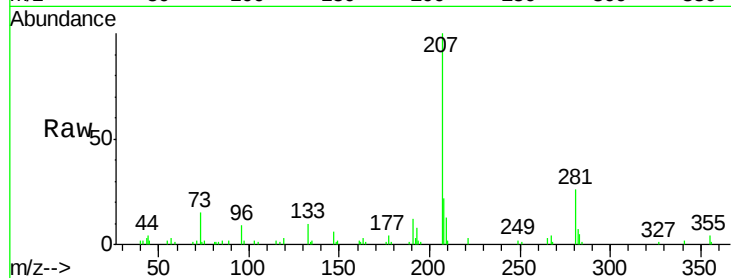
Tgt Ion:149 Resp: 174

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

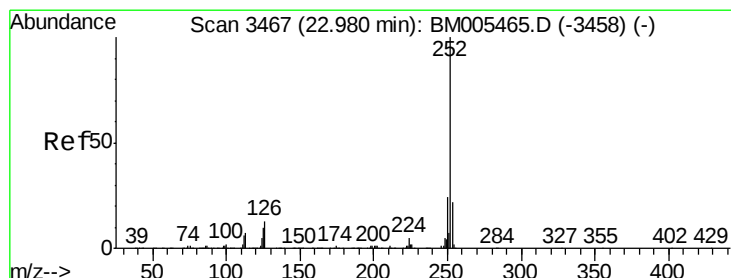
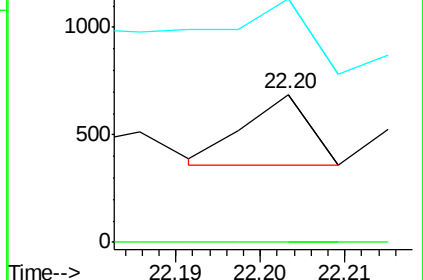
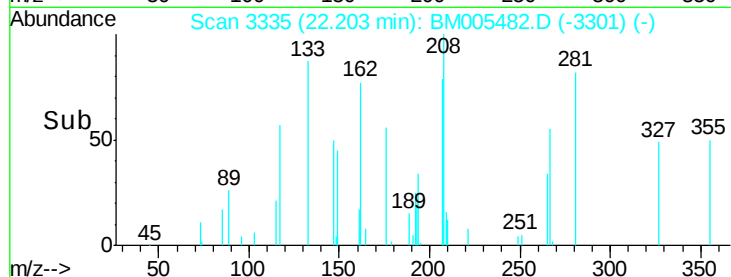
43 164.3 7.4 11.0#



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: 22.99 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM005482.D

Acq: 18 May 2016 22:45

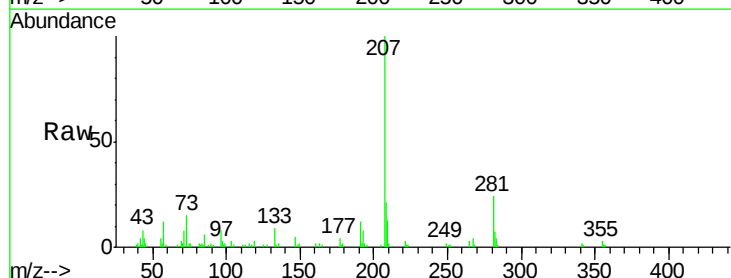
Tgt Ion:252 Resp: 219

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

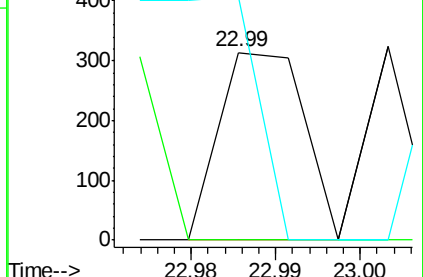
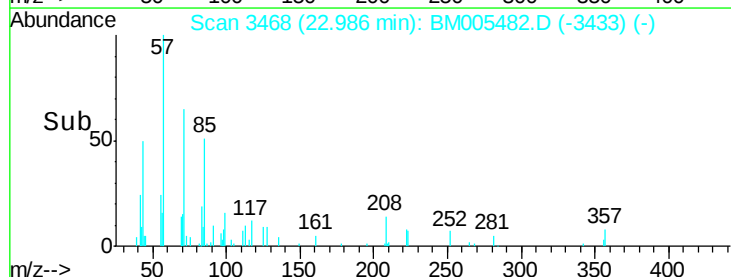
125 129.6 8.4 12.6#

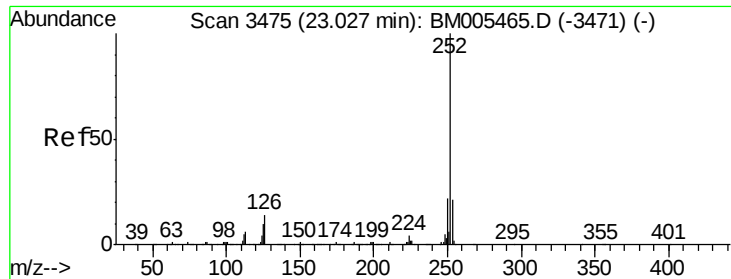


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

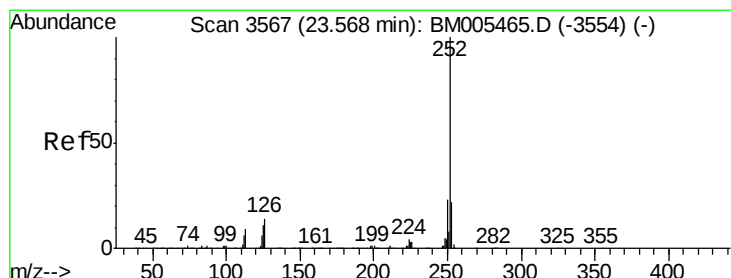
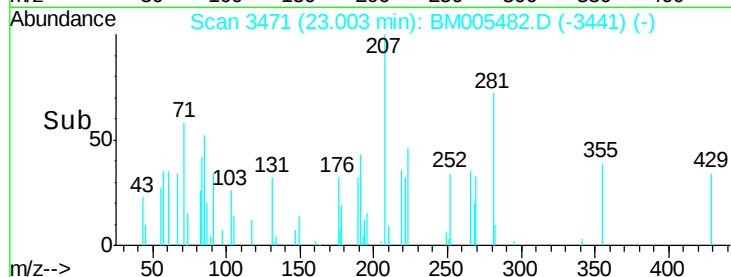
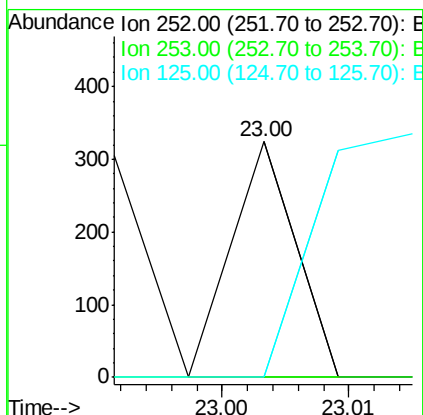
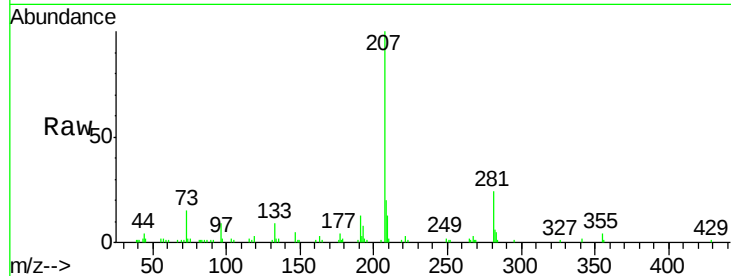




#86
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 23.00 min Scan# 3471
Delta R.T. -0.02 min
Lab File: BM005482.D
Acq: 18 May 2016 22:45

Instrument :
BNA_M
ClientSampleId :
D9WX4

Tgt Ion: 252 Resp: 114
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 0.0 8.0 12.0#



#88
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.54 min Scan# 3563
Delta R.T. -0.02 min
Lab File: BM005482.D
Acq: 18 May 2016 22:45

Tgt Ion: 252 Resp: 110
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 101.3 8.7 13.1#

