

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005478.D
 Acq On : 18 May 2016 20:19
 Operator : UM/SJ
 Sample : H2841-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS6

Quant Time: May 19 01:45:20 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	7.84	152	21377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	105951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	71903	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	199456	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	354627	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	454696	20.00	ng/ul	0.00

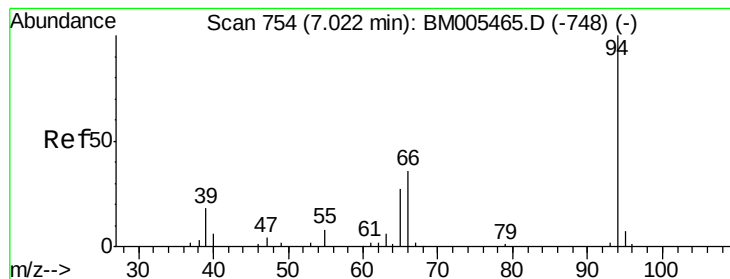
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1557	2.80	ng/uL	0.00
5) Phenol-d5	6.99	99	41024	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	24894	22.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	32261	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	30430	17.40	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	15343	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	16376	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	34312	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	31509	16.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	135430	22.91	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	159561	22.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	24408	20.13	ng/ul	0.00
57) Fluorene-d10	15.46	176	127993	24.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	16216	15.42	ng/ul	0.00
70) Anthracene-d10	17.30	188	217147	23.67	ng/ul	0.00
76) Pyrene-d10	19.59	212	311050	21.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	498510	24.52	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.02	94	368	0.17	ng/ul#	30
15) N-Nitroso-di-n-propylamine	8.53	70	613	0.41	ng/ul#	1
21) Isophorone	9.71	82	1485	0.38	ng/ul#	67
44) Dimethylphthalate	13.92	163	28588	4.74	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	671	0.58	ng/ul#	26
69) Phenanthrene	17.26	178	365	0.03	ng/ul#	60
71) Anthracene	17.26	178	365	0.03	ng/ul#	60
73) Di-n-butylphthalate	18.17	149	817	0.06	ng/ul#	78
74) Fluoranthene	19.26	202	724	0.05	ng/ul#	72
77) Pyrene	19.62	202	881	0.05	ng/ul#	69
78) Butylbenzylphthalate	20.64	149	1572	0.19	ng/ul#	63
80) Benzo(a)anthracene	21.38	228	1539	0.07	ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.30	149	2064	0.17	ng/ul#	97
82) Chrysene	21.41	228	703	0.04	ng/ul#	50
84) Di-n-octyl phthalate	22.19	149	157	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	1338	0.05	ng/ul#	2
86) Benzo(k)fluoranthene	23.03	252	411	0.02	ng/ul#	1
88) Benzo(a)pyrene	23.56	252	432	0.02	ng/ul#	1

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



#6

Phenol

Concen: 0.17 ng/ul

RT: 7.02 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

Instrument :

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ClientSampleId :

D9WS6

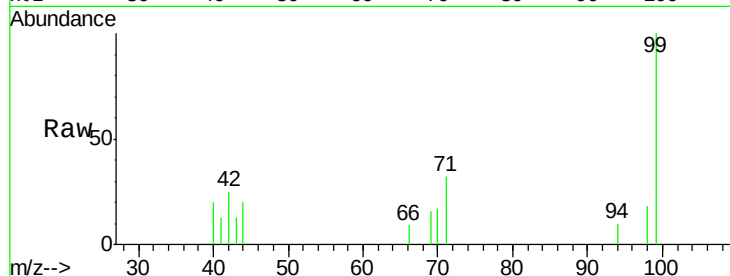
Tgt Ion: 94 Resp: 368

Ion Ratio Lower Upper

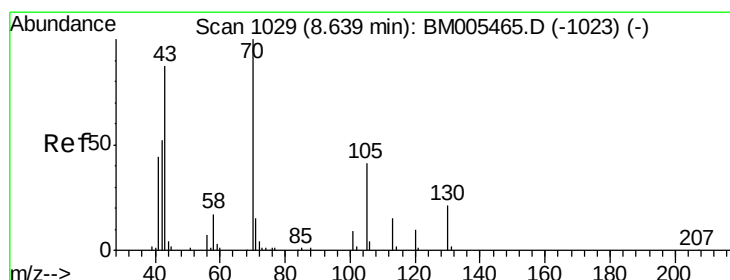
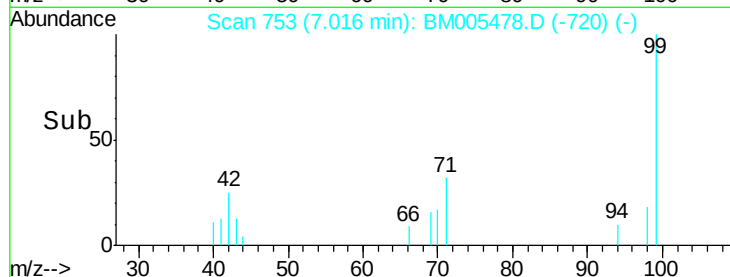
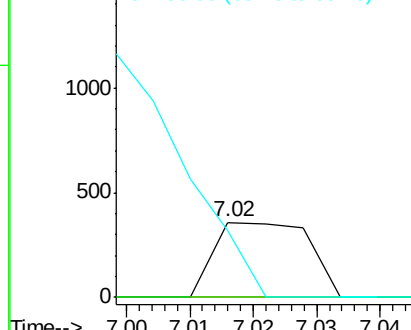
94 100

65 0.0 22.7 34.1#

66 90.2 31.7 47.5#



Abundance Ion 94.00 (93.70 to 94.70): BMC
Ion 65.00 (64.70 to 65.70): BMC
Ion 66.00 (65.70 to 66.70): BMC



#15

N-Nitroso-di-n-propylamine

Concen: 0.41 ng/ul

RT: 8.53 min Scan# 1011

Delta R.T. -0.11 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

Tgt Ion: 70 Resp: 613

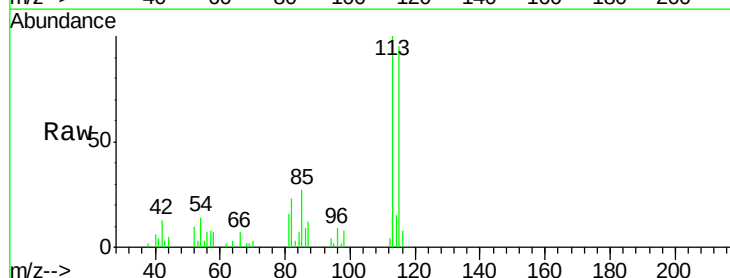
Ion Ratio Lower Upper

70 100

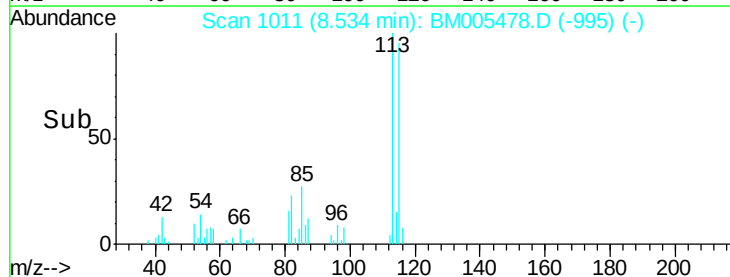
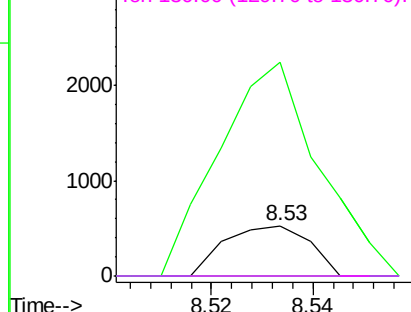
42 422.8 42.8 64.2#

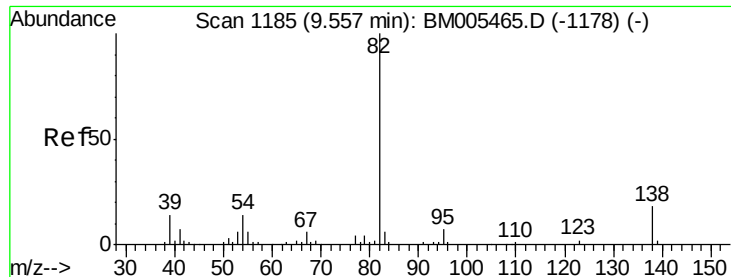
101 0.0 7.8 11.6#

130 0.0 15.7 23.5#



Abundance Ion 70.00 (69.70 to 70.70): BMC
Ion 42.00 (41.70 to 42.70): BMC
Ion 101.00 (100.70 to 101.70): BMC
Ion 130.00 (129.70 to 130.70): BMC





#21

Isophorone

Concen: 0.38 ng/ul

RT: 9.71 min Scan# 1211

Delta R.T. 0.15 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

Instrument :

BNA_M

ClientSampleId :

D9WS6

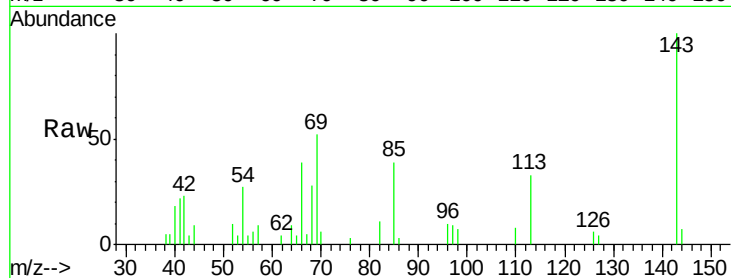
Tgt Ion: 82 Resp: 1485

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

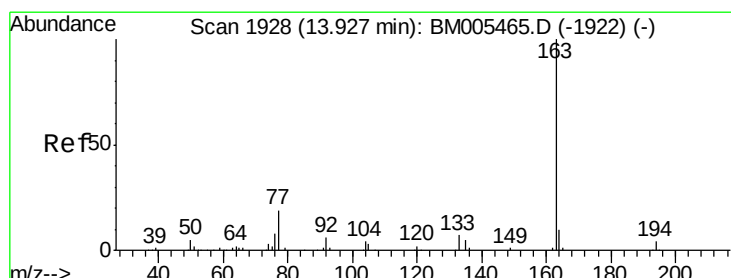
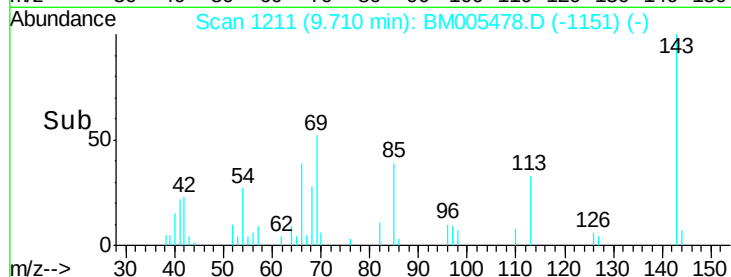
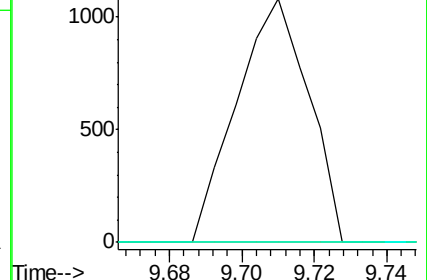
138 0.0 13.4 20.2#



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: 4.74 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

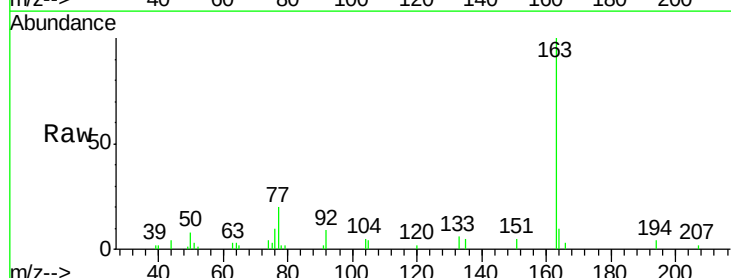
Tgt Ion: 163 Resp: 28588

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

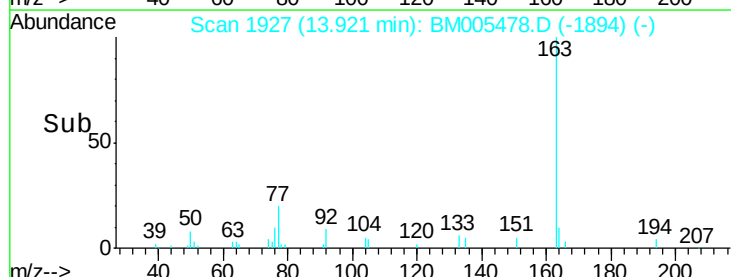
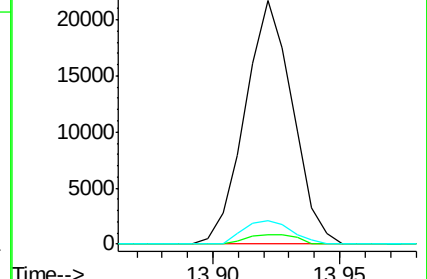
164 9.6 7.9 11.9

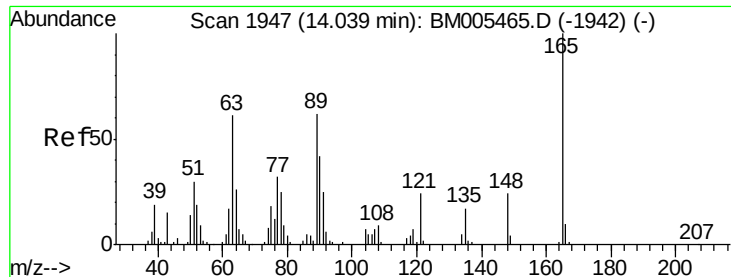


Abundance Ion 163.00 (162.70 to 163.70): BM005465.D (-1922) (-)

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: 0.58 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.16 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

Instrument :

BNA_M

ClientSampleId :

D9WS6

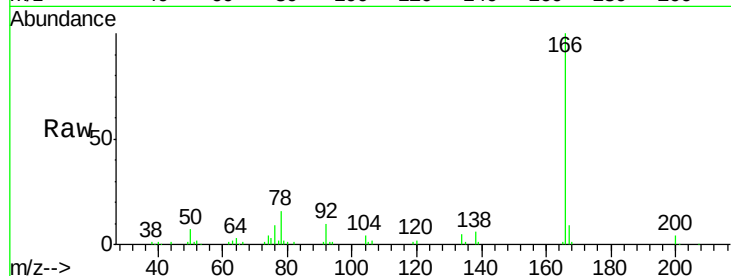
Tgt Ion:165 Resp: 671

Ion Ratio Lower Upper

165 100

89 0.0 52.2 78.4#

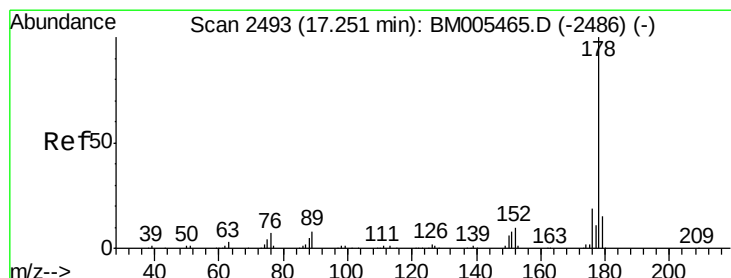
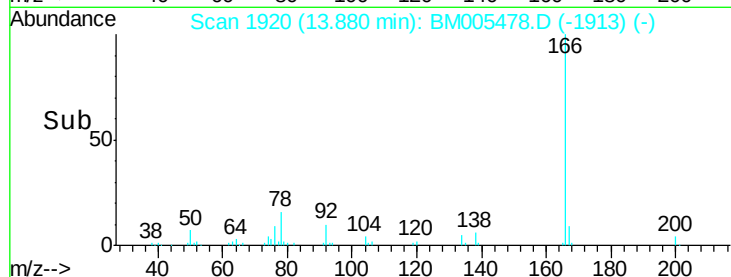
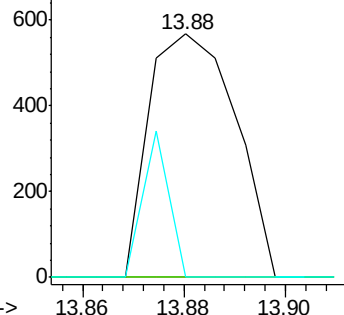
121 0.0 21.0 31.4#



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



#69

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.26 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

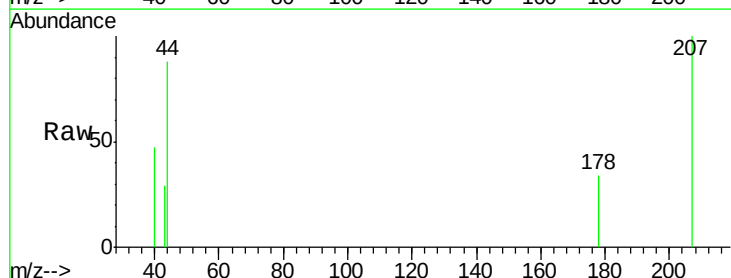
Tgt Ion:178 Resp: 365

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

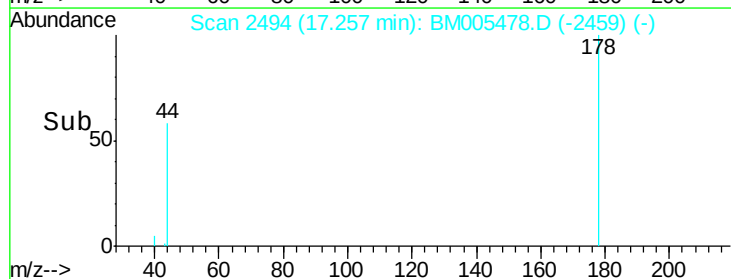
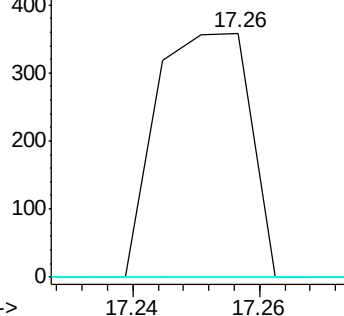
176 0.0 15.2 22.8#

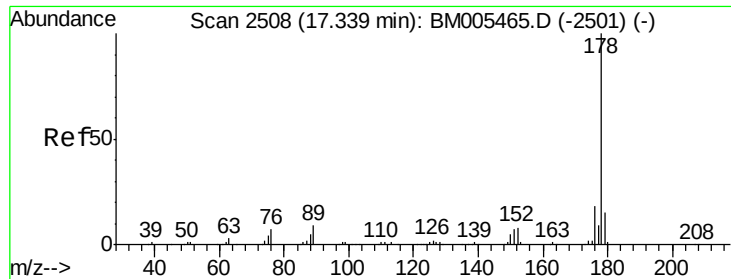


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 0.03 ng/ul

RT: 17.26 min Scan# 2494

Delta R.T. -0.08 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

Instrument :

BNA_M

ClientSampleId :

D9WS6

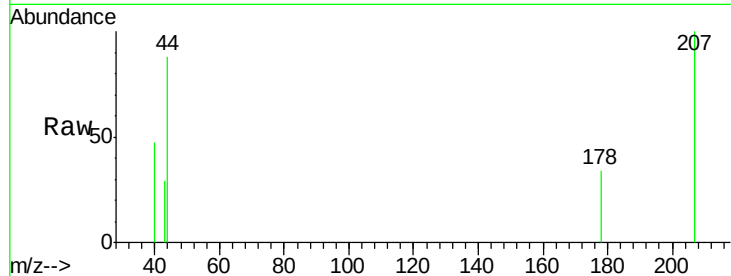
Tgt Ion:178 Resp: 365

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

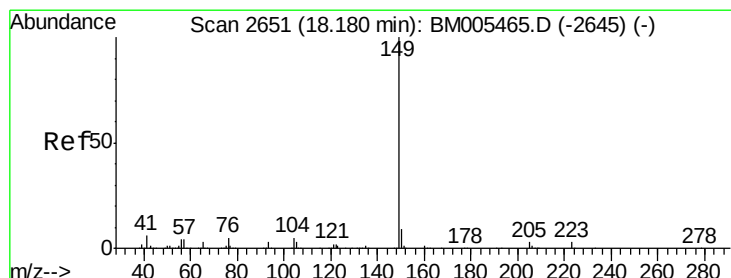
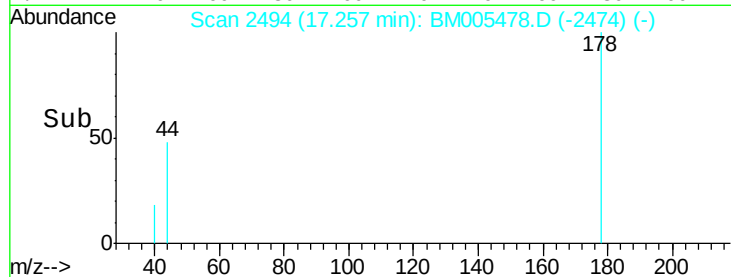
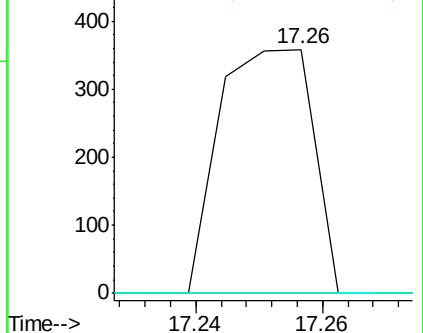
176 0.0 15.1 22.7#



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: 0.06 ng/ul

RT: 18.17 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

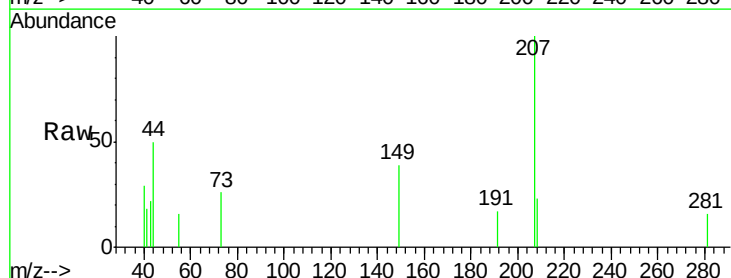
Tgt Ion:149 Resp: 817

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

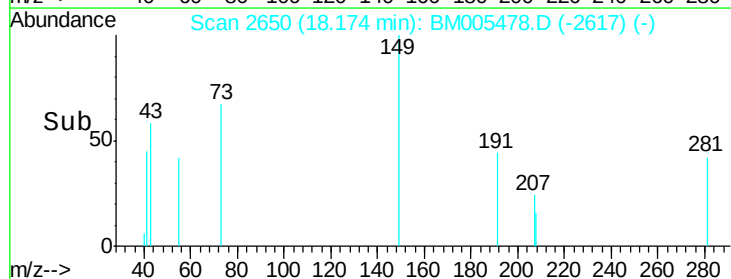
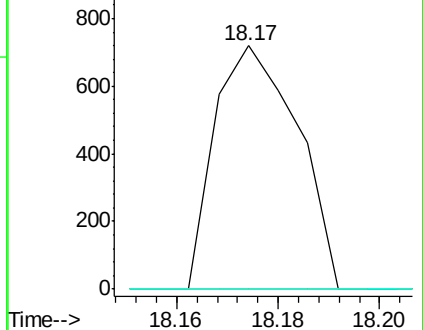
104 0.0 4.1 6.1#

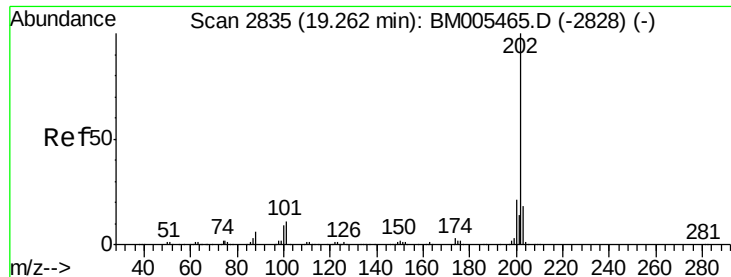


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.05 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

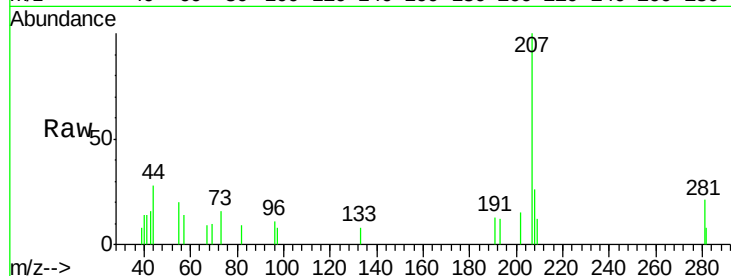
Instrument :

BNA_M

ClientSampled :

D9WS6

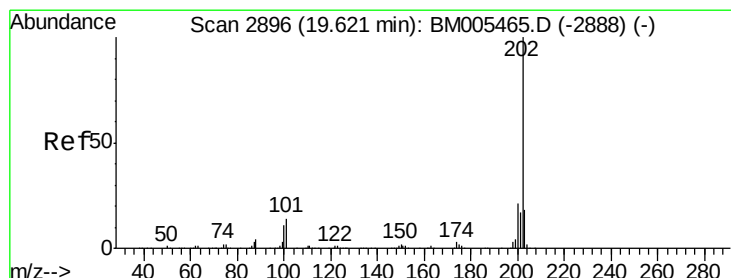
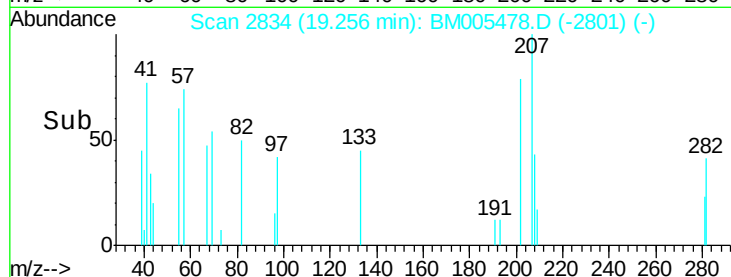
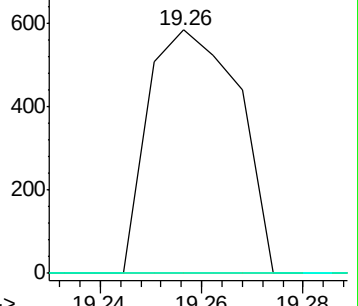
Tgt Ion:	202	Resp:	724
Ion Ratio	Lower	Upper	
202	100		
101	0.0	9.2	13.8#
100	0.0	7.1	10.7#



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: 0.05 ng/ul

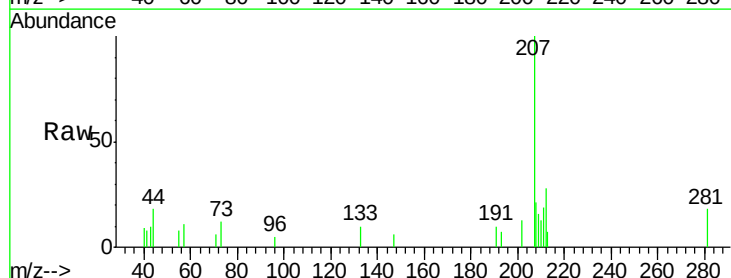
RT: 19.62 min Scan# 2896

Delta R.T. 0.00 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

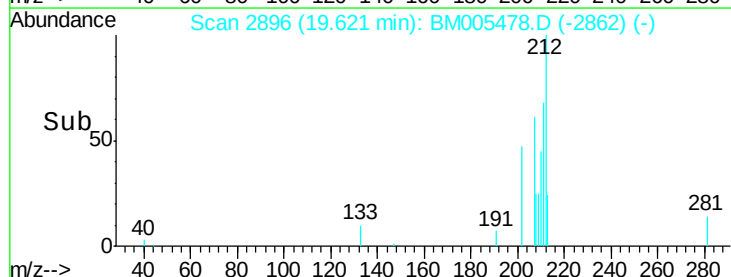
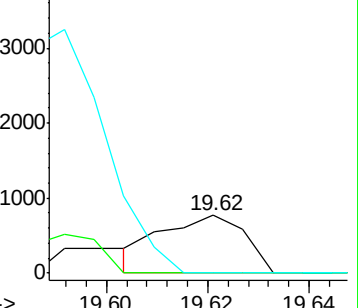
Tgt Ion:	202	Resp:	881
Ion Ratio	Lower	Upper	
202	100		
101	0.0	10.8	16.2#
100	0.0	8.4	12.6#

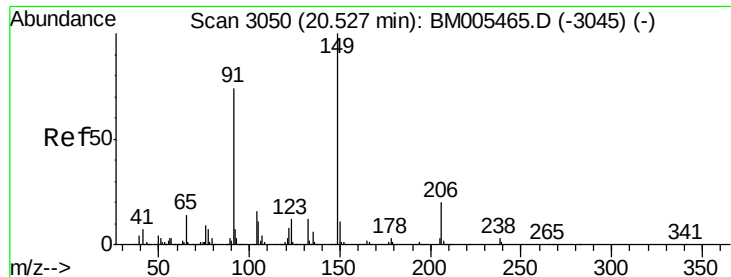


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

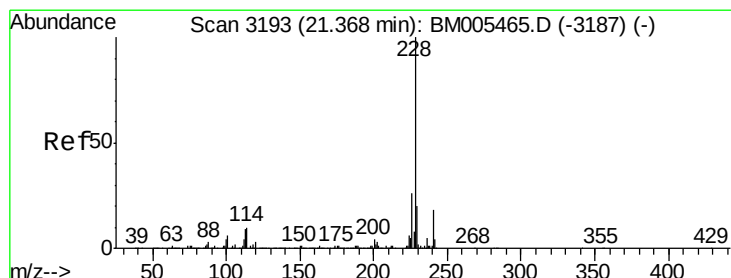
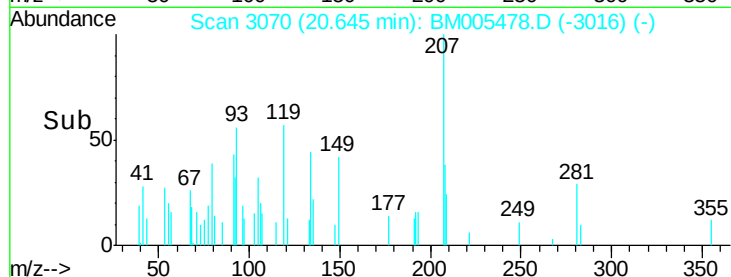
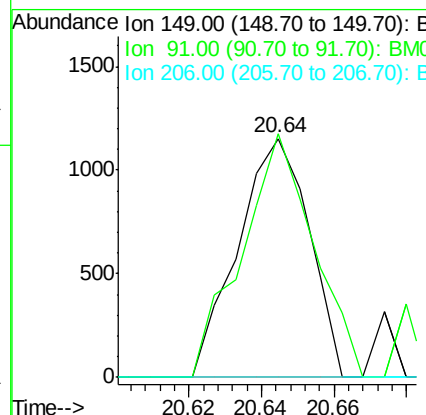
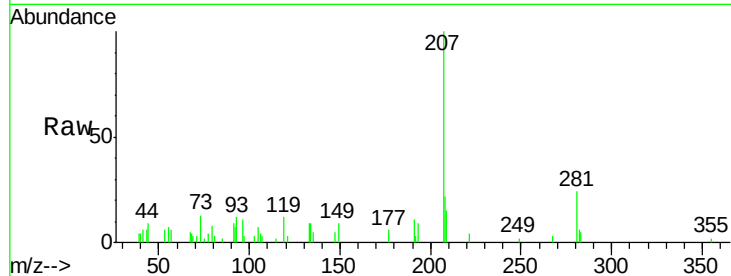




#78
 Butylbenzylphthalate
 Concen: 0.19 ng/ul
 RT: 20.64 min Scan# 3070
 Delta R.T. 0.12 min
 Lab File: BM005478.D
 Acq: 18 May 2016 20:19

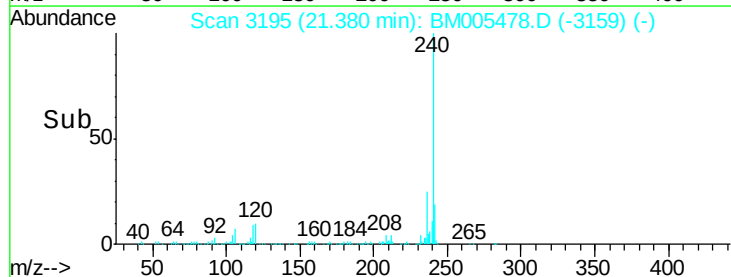
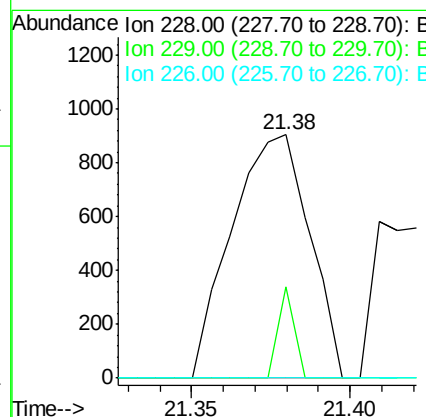
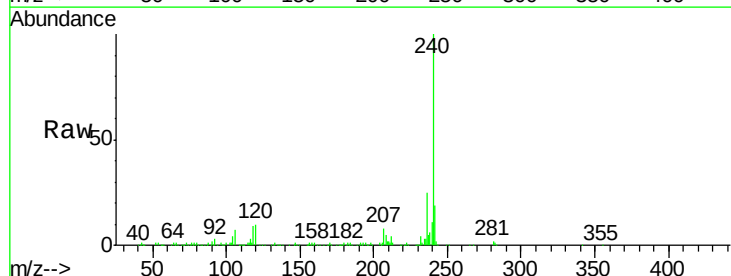
Instrument :
 BNA_M
 ClientSampleId :
 D9WS6

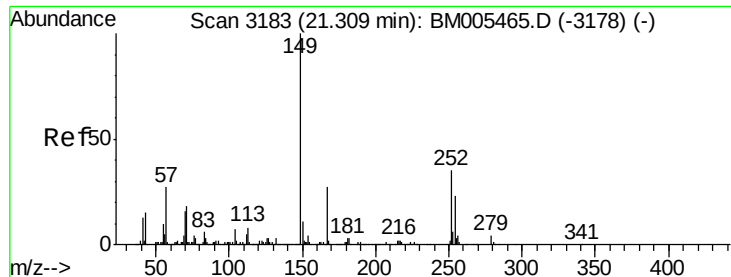
Tgt Ion:149 Resp: 1572
 Ion Ratio Lower Upper
 149 100
 91 101.9 58.4 87.6#
 206 0.0 17.3 25.9#



#80
 Benzo(a)anthracene
 Concen: 0.07 ng/ul
 RT: 21.38 min Scan# 3195
 Delta R.T. 0.01 min
 Lab File: BM005478.D
 Acq: 18 May 2016 20:19

Tgt Ion:228 Resp: 1539
 Ion Ratio Lower Upper
 228 100
 229 37.4 15.5 23.3#
 226 0.0 21.8 32.8#

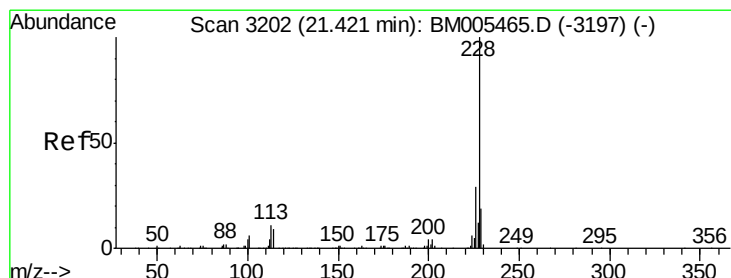
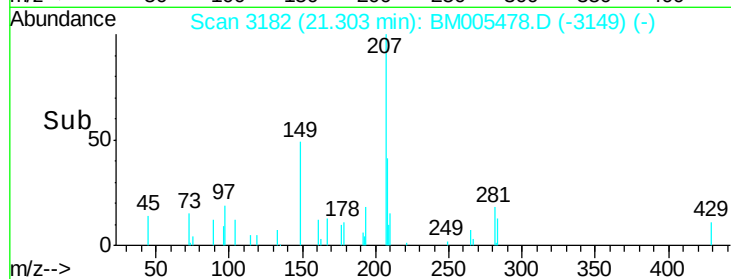
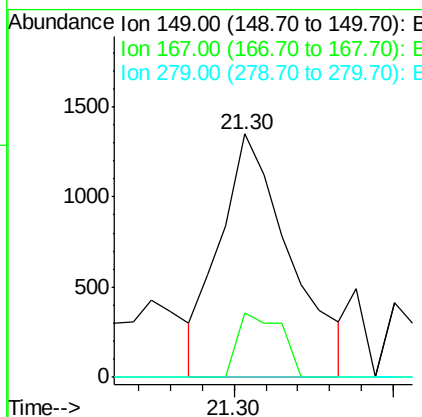
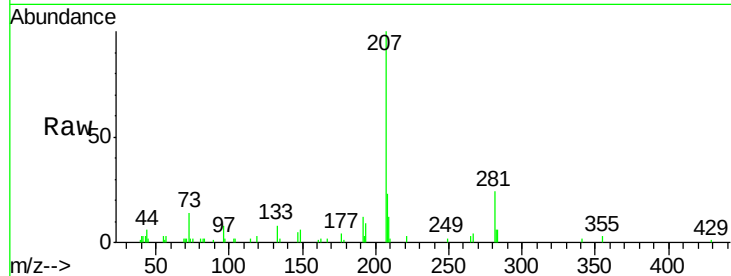




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.17 ng/ul
 RT: 21.30 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BM005478.D
 Acq: 18 May 2016 20:19

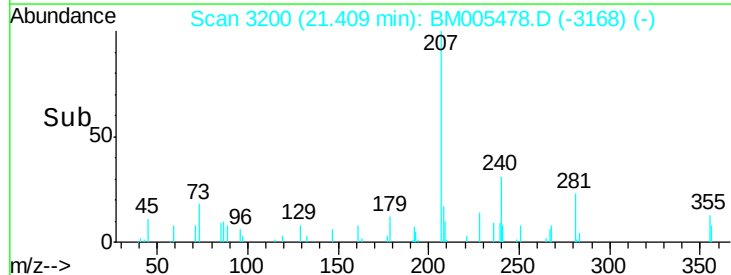
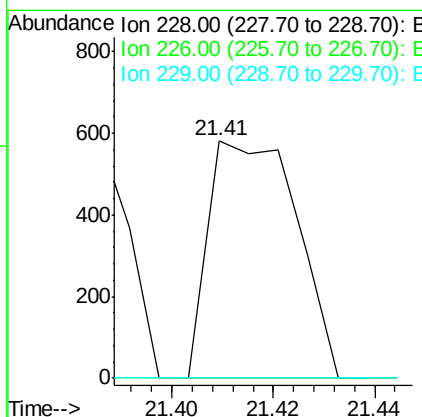
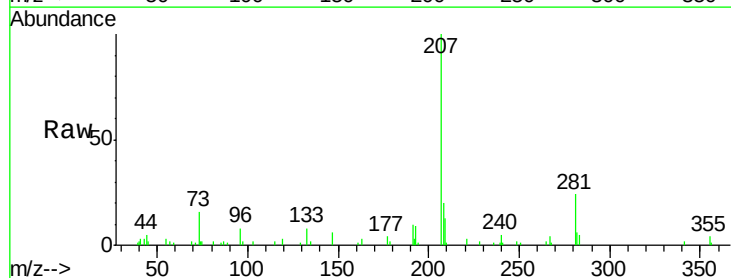
Instrument :
 BNA_M
 ClientSampleId :
 D9WS6

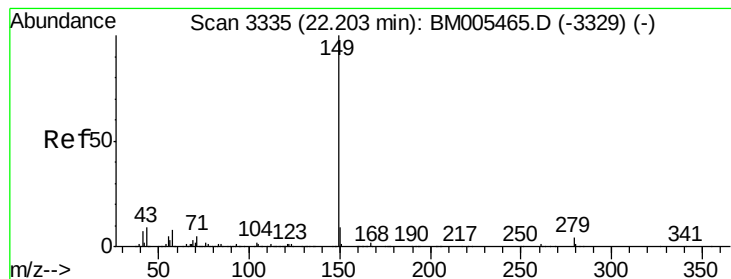
Tgt Ion:149 Resp: 2064
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.9 32.9
 279 0.0 3.0 4.4#



#82
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.41 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BM005478.D
 Acq: 18 May 2016 20:19

Tgt Ion:228 Resp: 703
 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: 0.01 ng/ul

RT: 22.19 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

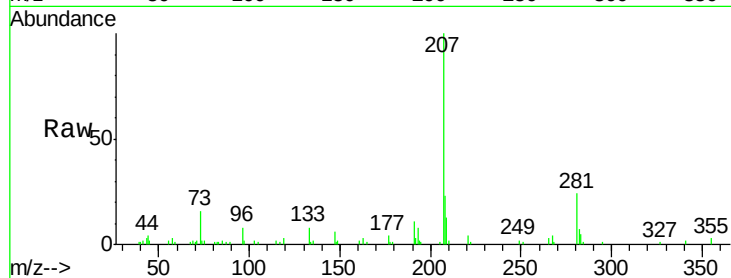
Instrument :

BNA_M

ClientSampleId :

D9WS6

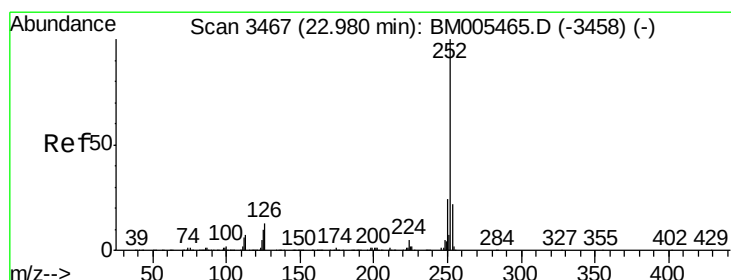
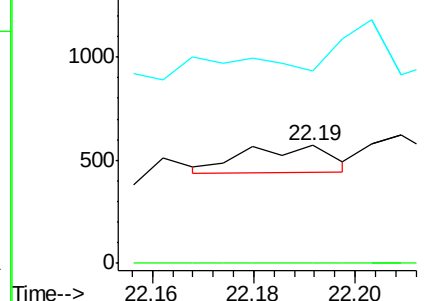
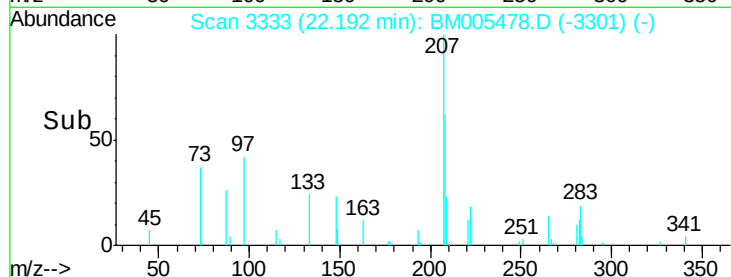
Tgt Ion:	149	Resp:	157
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.3	1.9#
43	163.3	7.4	11.0#



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: 0.05 ng/ul

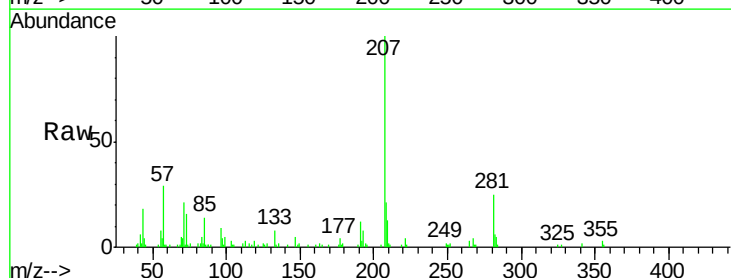
RT: 22.97 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM005478.D

Acq: 18 May 2016 20:19

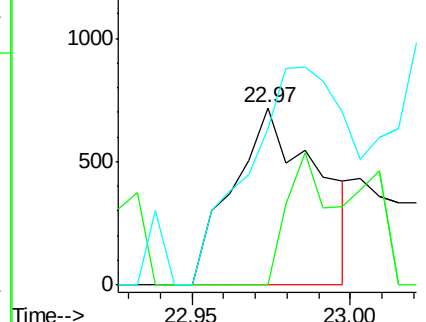
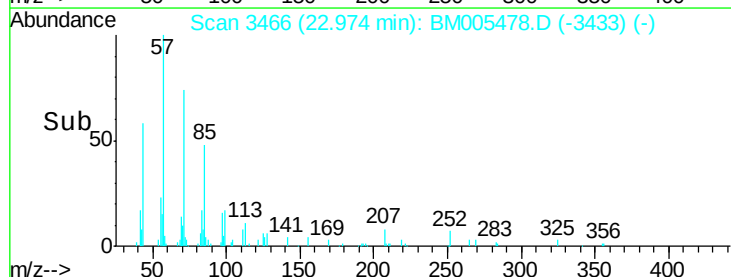
Tgt Ion:	252	Resp:	1338
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	88.0	8.4	12.6#

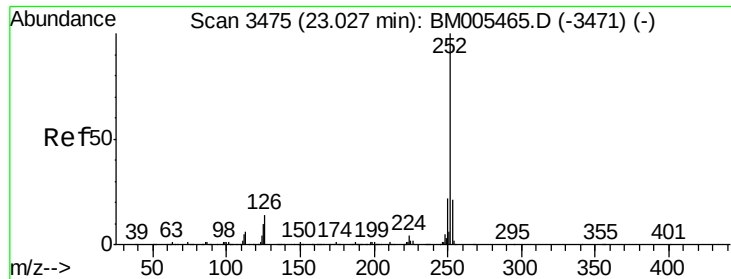


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

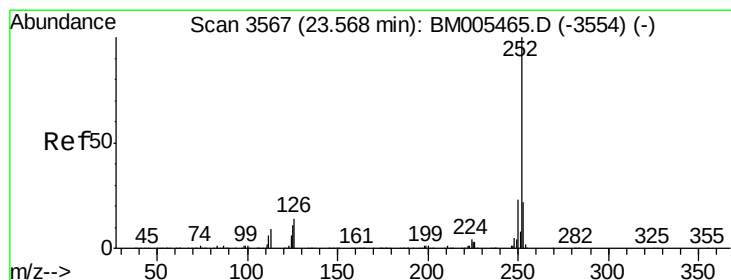
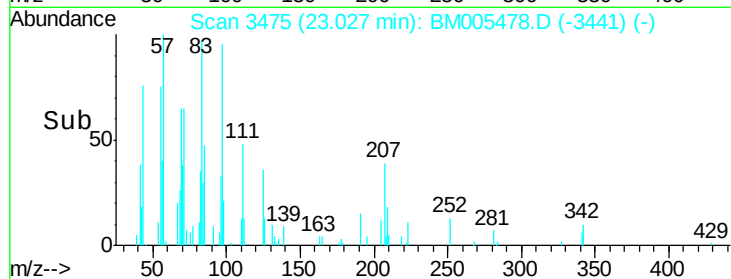
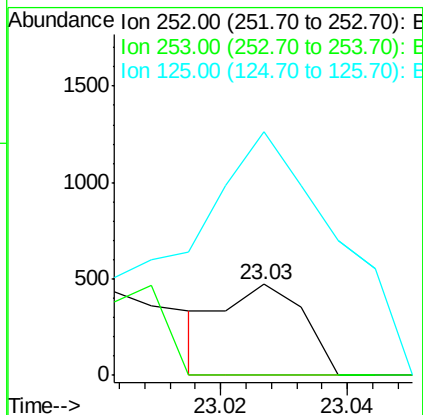
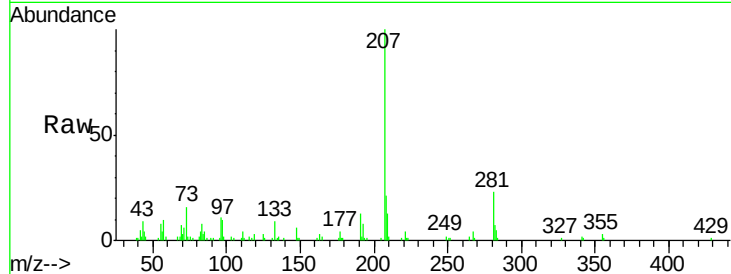




#86
Benzo(k)fluoranthene
Concen: 0.02 ng/ul
RT: 23.03 min Scan# 3475
Delta R.T. 0.00 min
Lab File: BM005478.D
Acq: 18 May 2016 20:19

Instrument :
BNA_M
ClientSampleId :
D9WS6

Tgt Ion:252 Resp: 411
Ion Ratio Lower Upper
252 100
253 0.0 17.3 25.9#
125 267.0 8.0 12.0#



#88
Benzo(a)pyrene
Concen: 0.02 ng/ul
RT: 23.56 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BM005478.D
Acq: 18 May 2016 20:19

Tgt Ion:252 Resp: 432
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 116.3 8.7 13.1#

