

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005485.D
 Acq On : 19 May 2016 00:34
 Operator : UM/SJ
 Sample : H2841-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WX6

Quant Time: May 19 01:47:08 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	19740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	97792	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	69743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	201830	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	360145	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	446331	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1220	2.38	ng/uL	0.00
5) Phenol-d5	6.99	99	32326	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	19993	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	25780	17.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	27957	17.31	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	12080	17.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	12940	16.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	26936	17.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	24266	13.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	120492	21.02	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	132164	19.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	19929	16.94	ng/ul	0.00
57) Fluorene-d10	15.46	176	111304	22.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	13535	12.72	ng/ul	0.00
70) Anthracene-d10	17.30	188	198076	21.34	ng/ul	0.00
76) Pyrene-d10	19.59	212	280873	19.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	436025	21.85	ng/ul	-0.01

Target Compounds

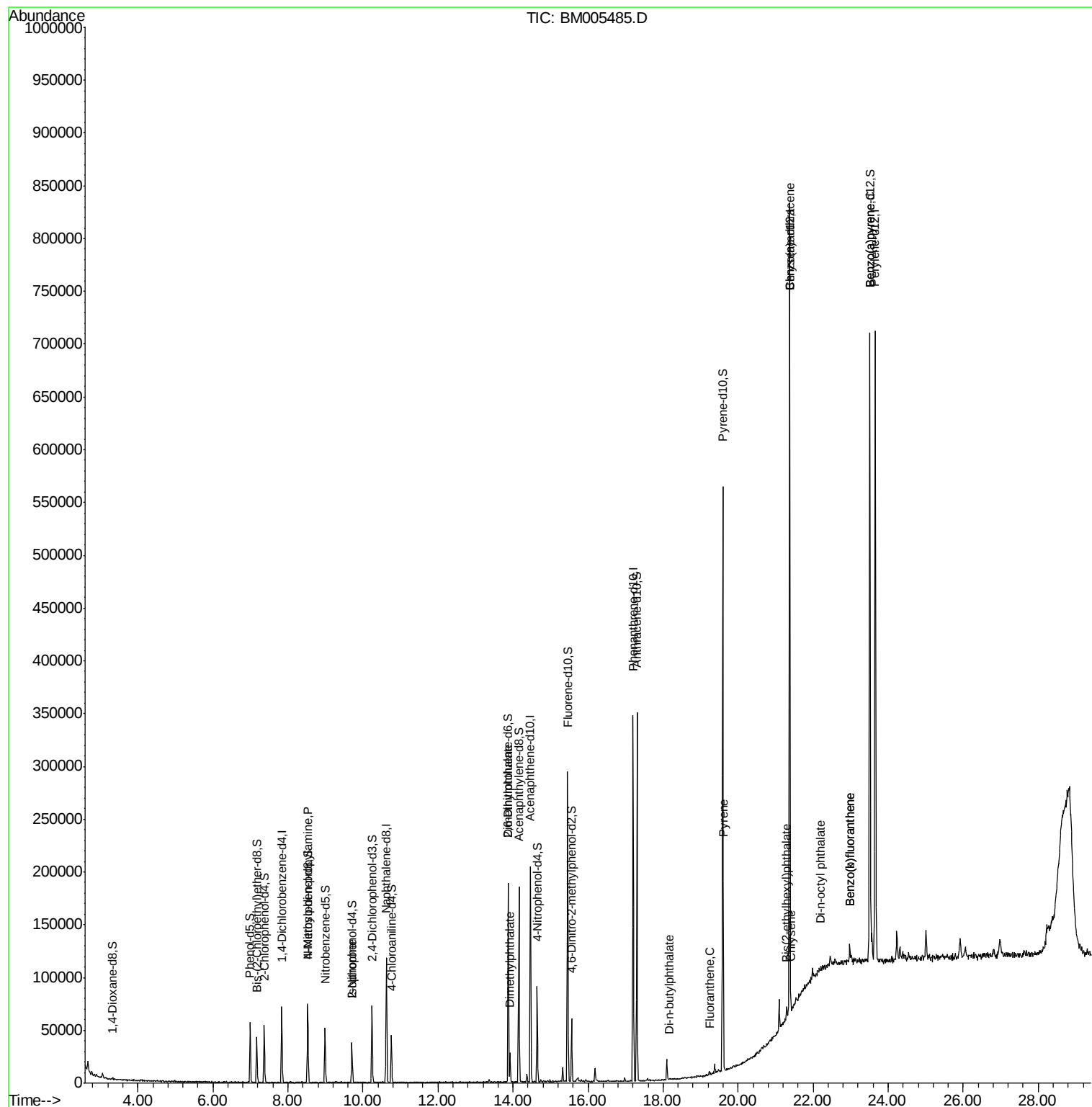
					Qvalue
15) N-Nitroso-di-n-propylamine	8.53	70	620	0.45 ng/ul#	1
21) Isophorone	9.70	82	1126	0.31 ng/ul#	67
44) Dimethylphthalate	13.92	163	19039	3.26 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	438	0.39 ng/ul#	26
73) Di-n-butylphthalate	18.17	149	718	0.06 ng/ul#	78
74) Fluoranthene	19.26	202	331	0.02 ng/ul#	72
77) Pyrene	19.61	202	106	0.01 ng/ul#	69
80) Benzo(a)anthracene	21.38	228	1302	0.06 ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	3714	0.30 ng/ul#	94
82) Chrysene	21.41	228	461	0.02 ng/ul#	50
84) Di-n-octyl phthalate	22.19	149	98	0.00 ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	228	0.01 ng/ul#	60
86) Benzo(k)fluoranthene	22.97	252	228	0.01 ng/ul#	60
88) Benzo(a)pyrene	23.51	252	1646	0.06 ng/ul#	34

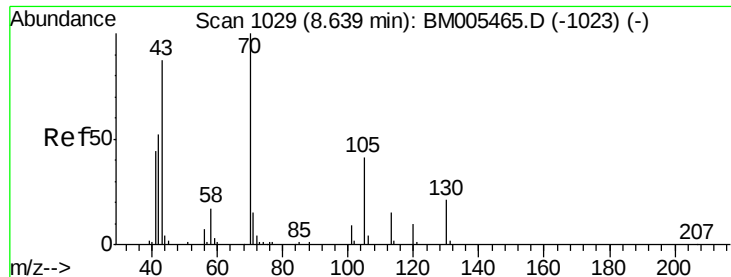
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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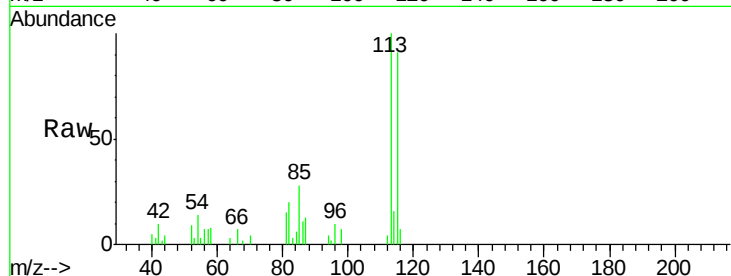




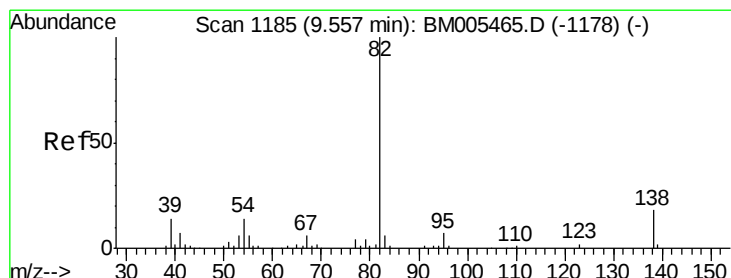
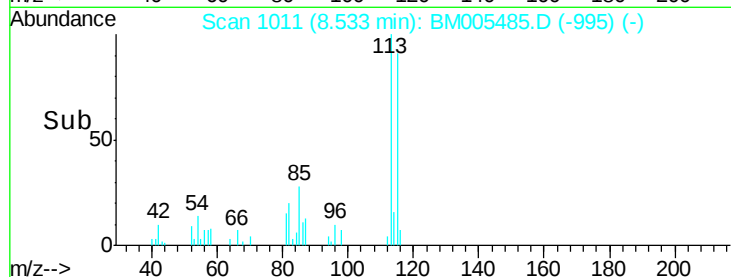
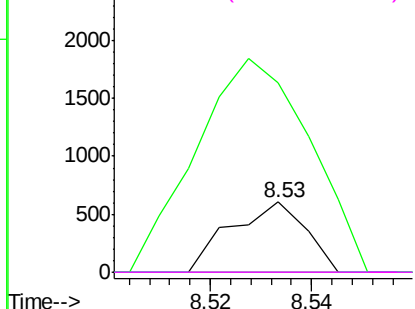
#15
N-Nitroso-di-n-propylamine
Concen: 0.45 ng/ul
RT: 8.53 min Scan# 1011
Delta R.T. -0.11 min
Lab File: BM005485.D
Acq: 19 May 2016 00:34

Instrument :
BNA_M
ClientSampleId :
D9WX6

Tgt Ion: 70 Resp: 620
Ion Ratio Lower Upper
70 100
42 268.5 42.8 64.2#
101 0.0 7.8 11.6#
130 0.0 15.7 23.5#

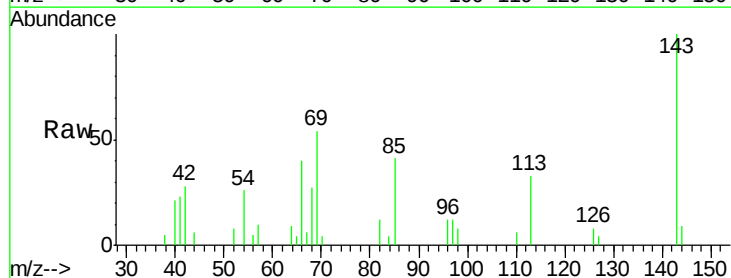


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

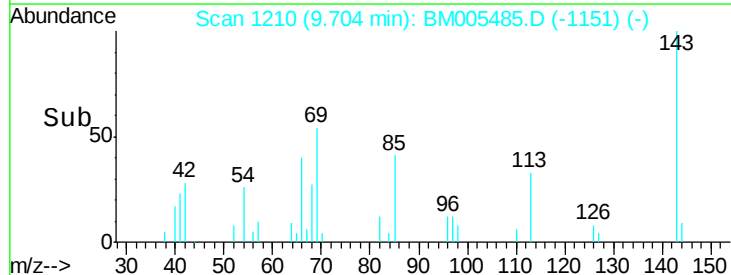
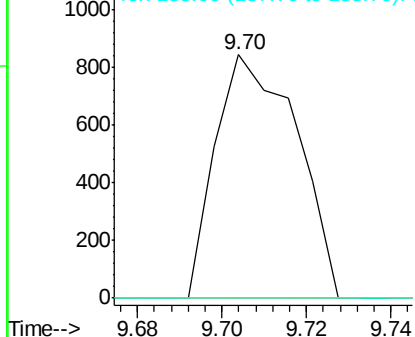


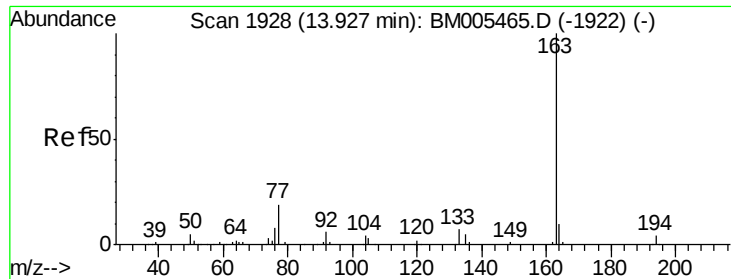
#21
Isophorone
Concen: 0.31 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. 0.15 min
Lab File: BM005485.D
Acq: 19 May 2016 00:34

Tgt Ion: 82 Resp: 1126
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): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

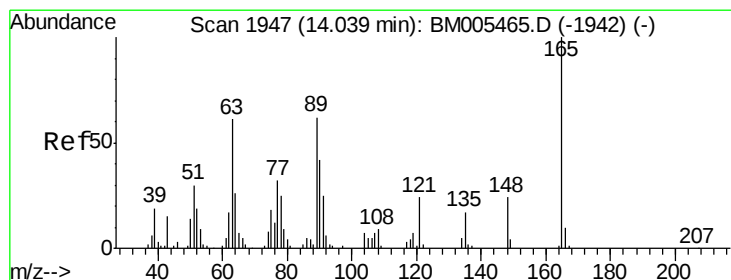
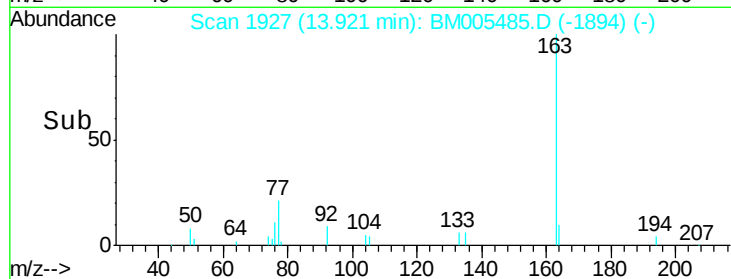
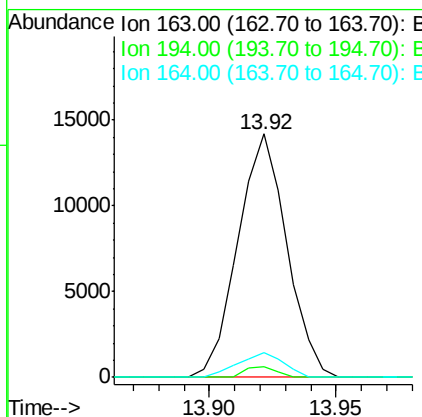
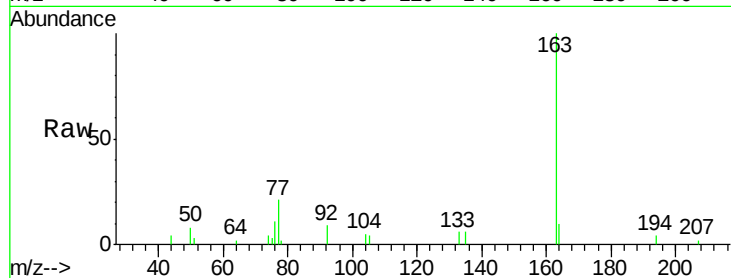




#44
Dimethylphthalate
Concen: 3.26 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM005485.D
Acq: 19 May 2016 00:34

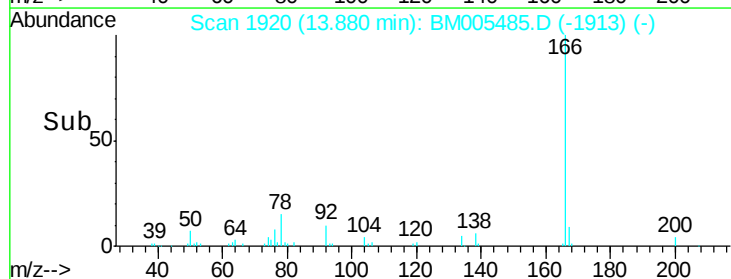
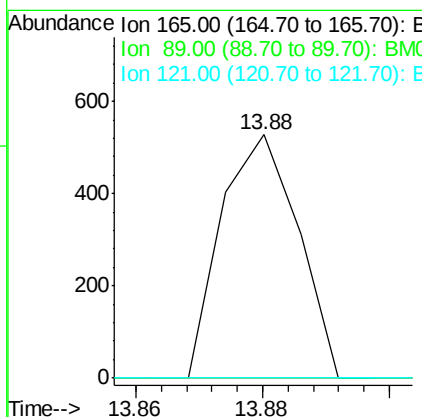
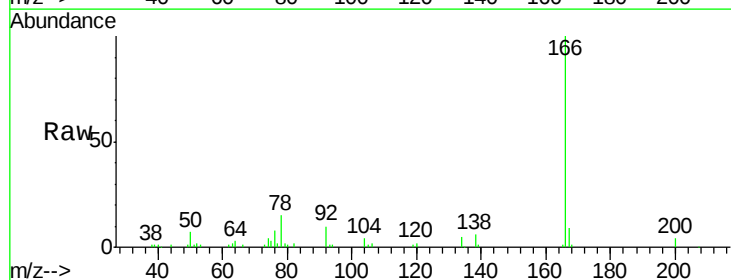
Instrument :
BNA_M
ClientSampleId :
D9WX6

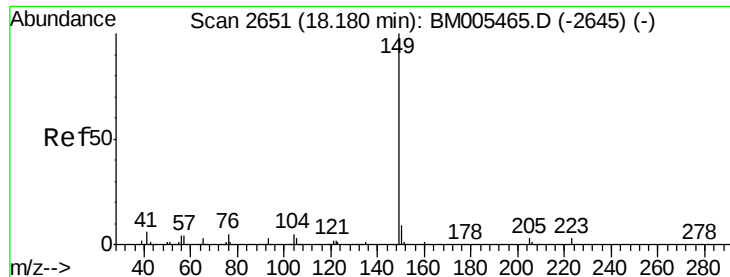
Tgt Ion:163 Resp: 19039
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 7.9 11.9



#45
2,6-Dinitrotoluene
Concen: 0.39 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. -0.16 min
Lab File: BM005485.D
Acq: 19 May 2016 00:34

Tgt Ion:165 Resp: 438
Ion Ratio Lower Upper
165 100
89 0.0 52.2 78.4#
121 0.0 21.0 31.4#





#73

Di-n-butylphthalate

Concen: 0.06 ng/ul

RT: 18.17 min Scan# 2650

Delta R.T. -0.01 min

Lab File: BM005485.D

Acq: 19 May 2016 00:34

Instrument :

BNA_M

ClientSampleId :

D9WX6

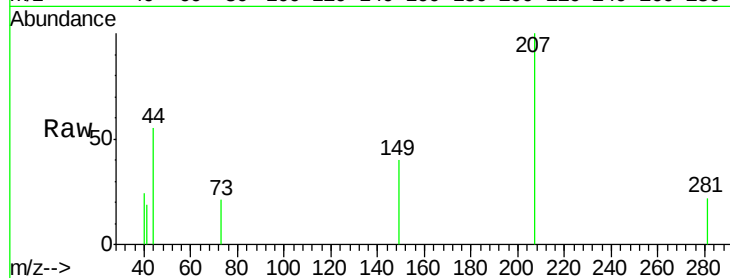
Tgt Ion:149 Resp: 718

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

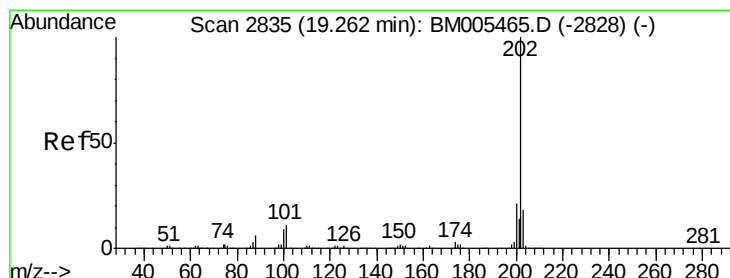
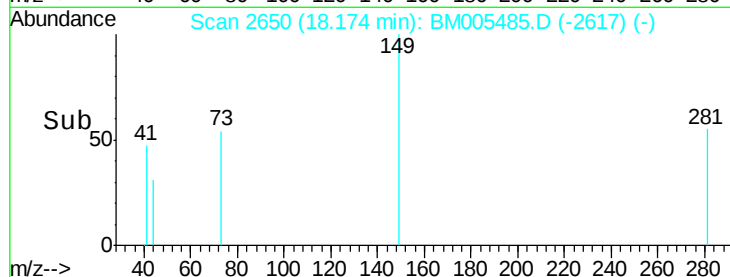
400

200

0

18.16 18.18 18.20

Time-->



#74

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.26 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM005485.D

Acq: 19 May 2016 00:34

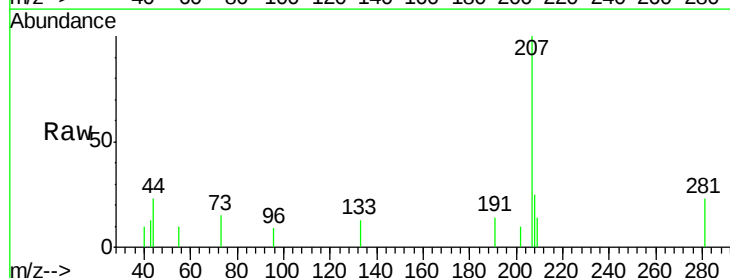
Tgt Ion:202 Resp: 331

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): E

19.26

400

300

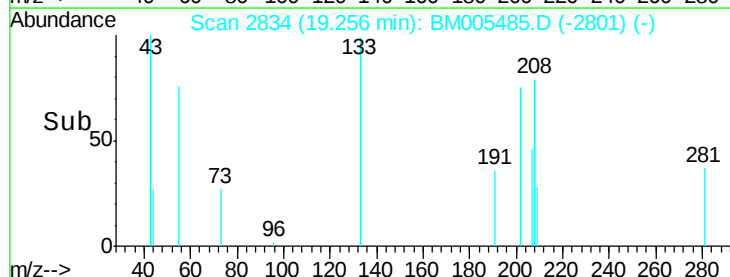
200

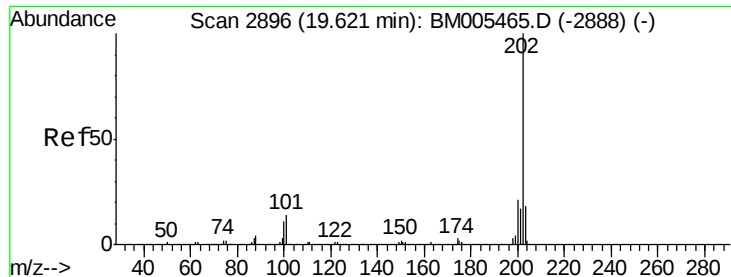
100

0

19.24 19.26

Time-->

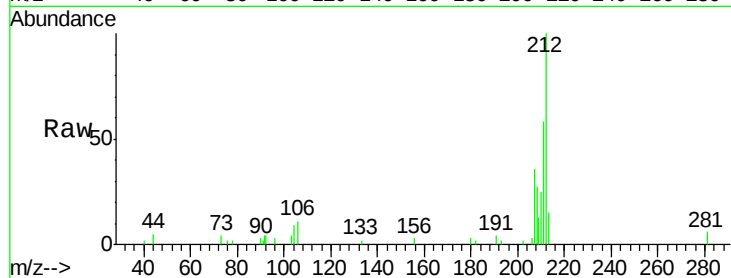




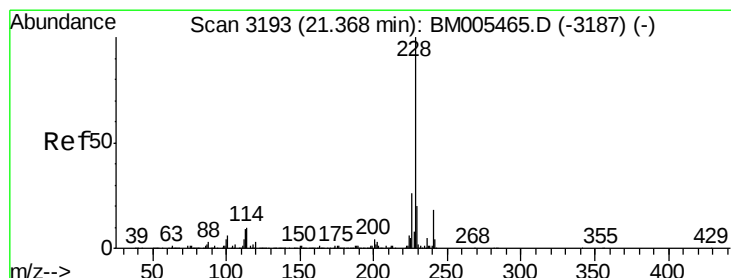
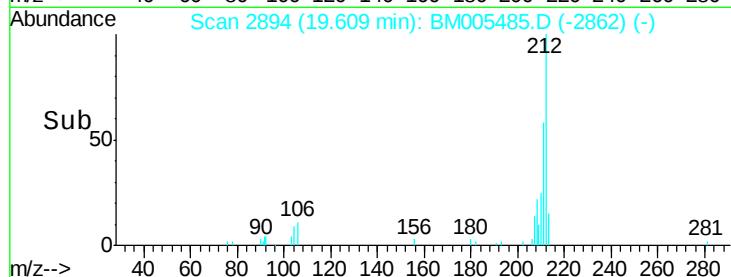
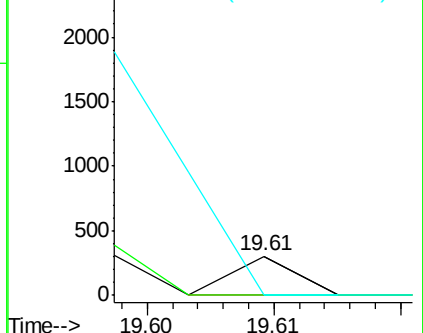
#77
 Pyrene
 Concen: 0.01 ng/ul
 RT: 19.61 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BM005485.D
 Acq: 19 May 2016 00:34

Instrument :
 BNA_M
 ClientSampleId :
 D9WX6

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

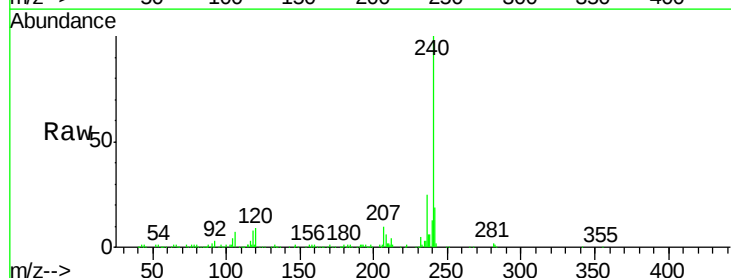


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

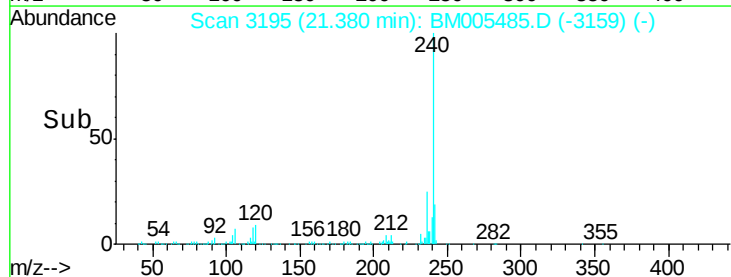
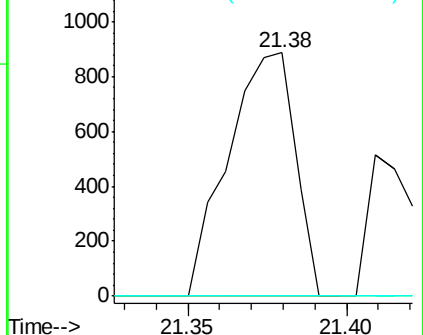


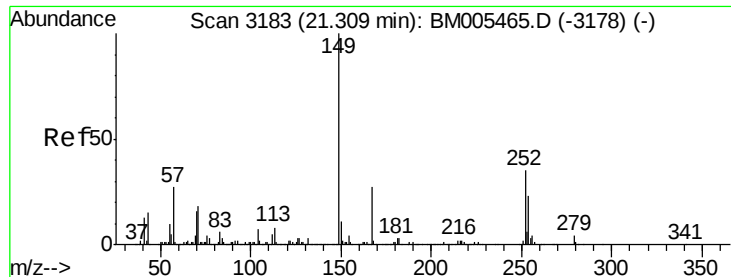
#80
 Benzo(a)anthracene
 Concen: 0.06 ng/ul
 RT: 21.38 min Scan# 3195
 Delta R.T. 0.01 min
 Lab File: BM005485.D
 Acq: 19 May 2016 00:34

Tgt 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

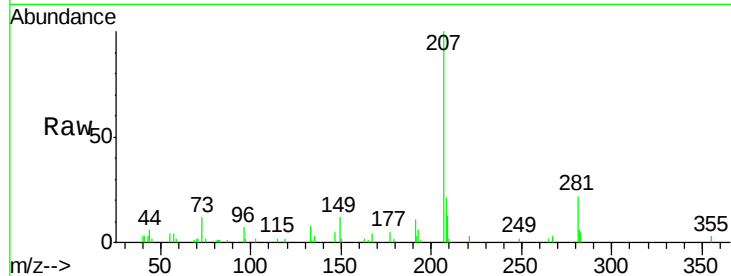




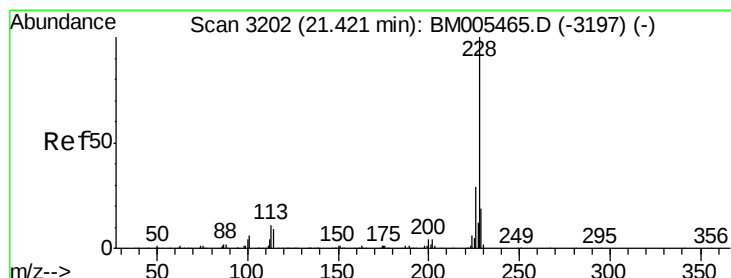
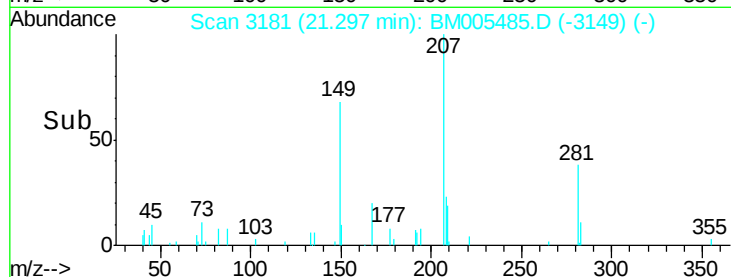
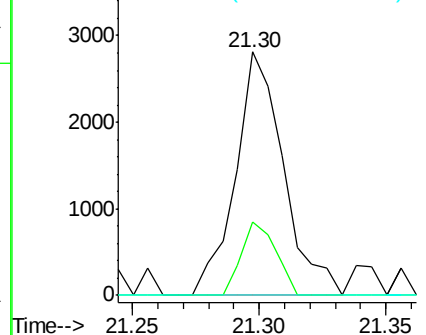
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng/ul
 RT: 21.30 min Scan# 3181
 Delta R.T. -0.01 min
 Lab File: BM005485.D
 Acq: 19 May 2016 00:34

Instrument :
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Tgt Ion:149 Resp: 3714
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.9 32.9
 279 0.0 3.0 4.4#

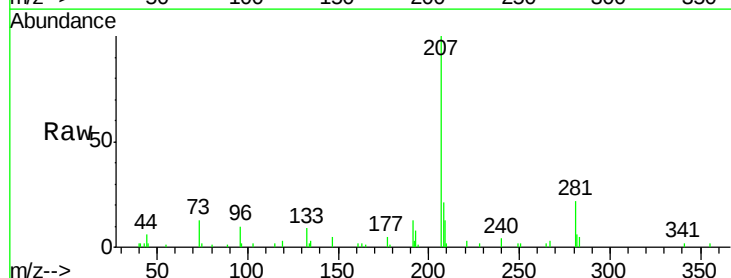


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

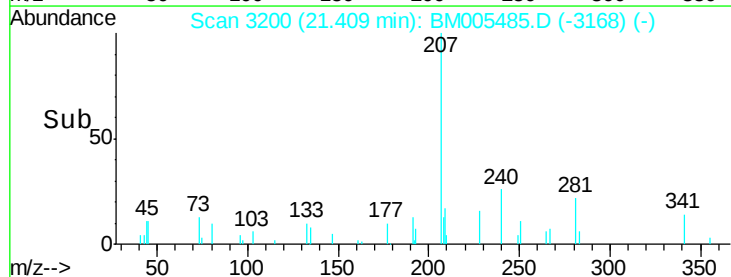
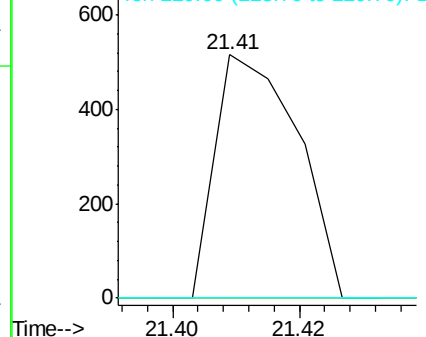


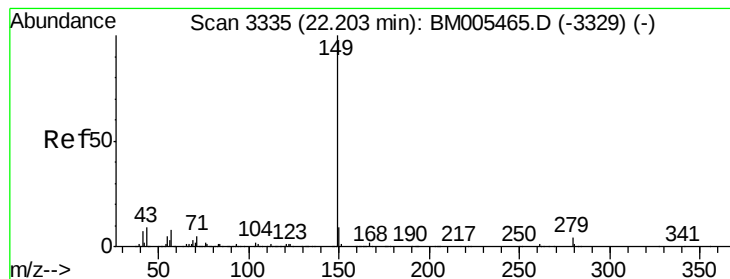
#82
 Chrysene
 Concen: 0.02 ng/ul
 RT: 21.41 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BM005485.D
 Acq: 19 May 2016 00:34

Tgt Ion:228 Resp: 461
 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: 0.00 ng/ul

RT: 22.19 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM005485.D

Acq: 19 May 2016 00:34

Instrument :

BNA_M

ClientSampleId :

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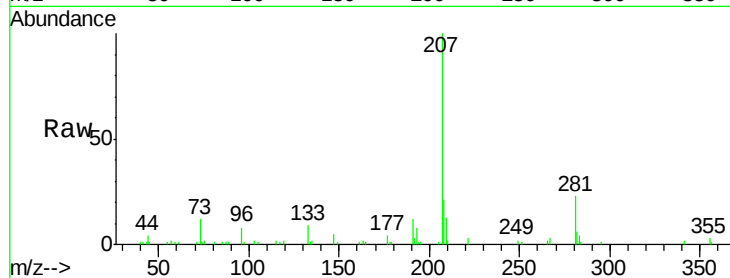
Tgt Ion:149 Resp: 98

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 102.1 7.4 11.0#

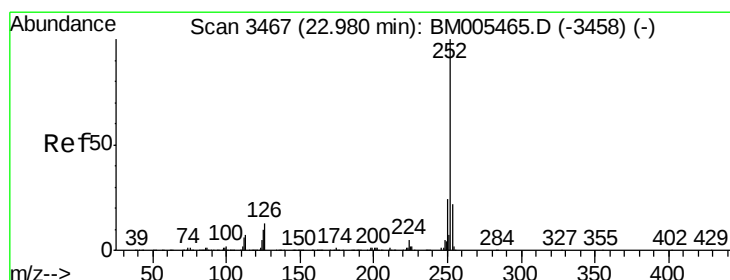
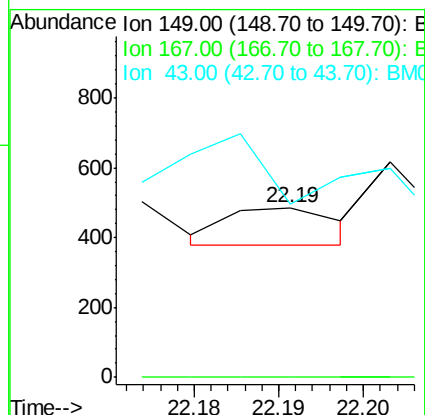
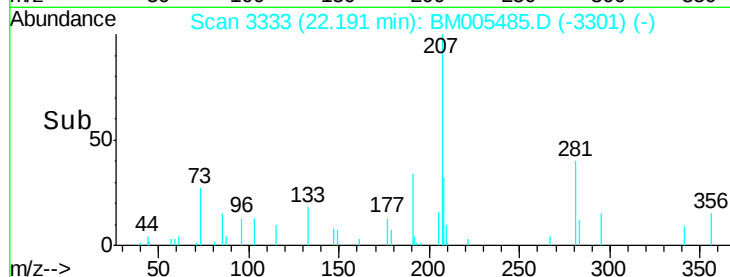


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

Time-->



#85

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.97 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM005485.D

Acq: 19 May 2016 00:34

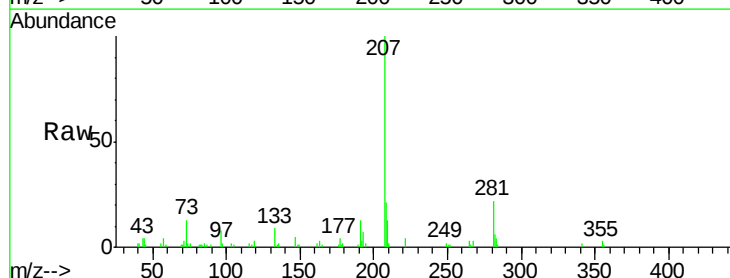
Tgt Ion:252 Resp: 228

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 8.4 12.6#

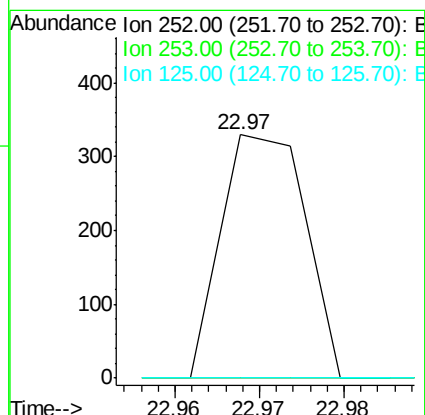
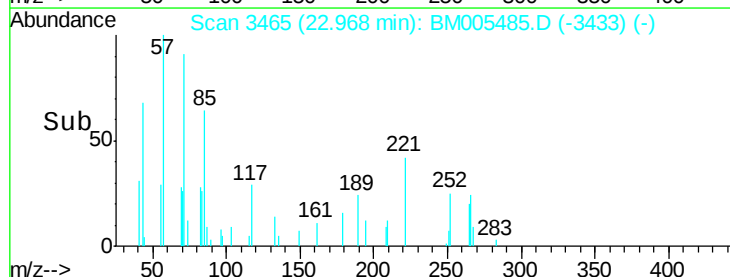


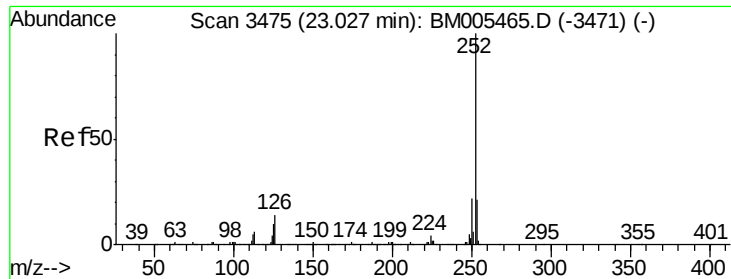
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->

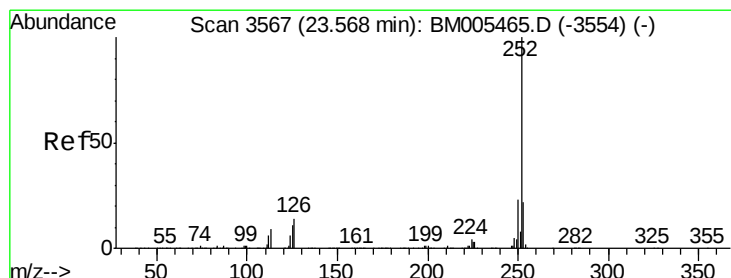
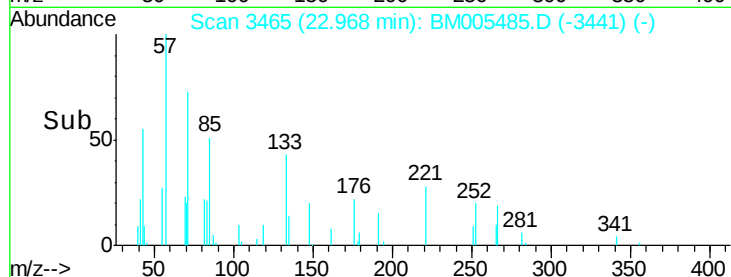
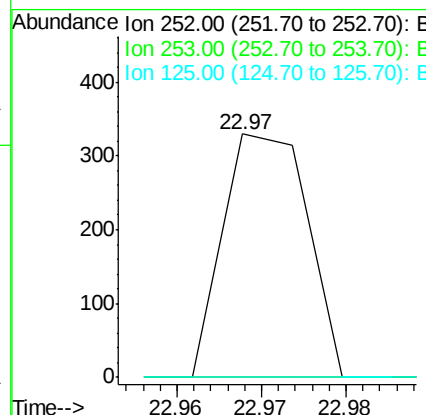
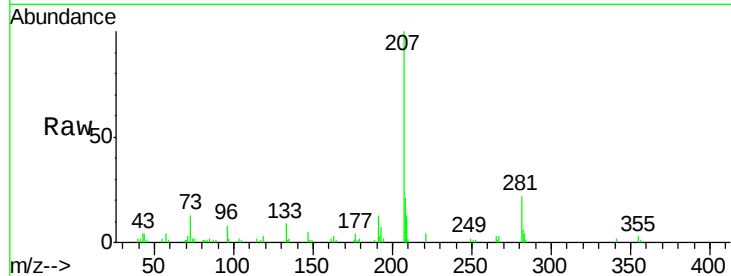




#86
Benzo(k)fluoranthene
Concen: 0.01 ng/u1
RT: 22.97 min Scan# 3465
Delta R.T. -0.06 min
Lab File: BM005485.D
Acq: 19 May 2016 00:34

Instrument :
BNA_M
ClientSampleId :
D9WX6

Tgt Ion:252 Resp: 228
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: 0.06 ng/u1
RT: 23.51 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BM005485.D
Acq: 19 May 2016 00:34

Tgt Ion:252 Resp: 1646
Ion Ratio Lower Upper
252 100
253 44.0 17.5 26.3#
125 50.8 8.7 13.1#

