

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005477.D
 Acq On : 18 May 2016 19:43
 Operator : UM/SJ
 Sample : H2841-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS5

Quant Time: May 19 01:45:08 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	33291	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	166957	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	114045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	313197	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	505653	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	598929	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1318	1.52	ng/uL	0.00
5) Phenol-d5	6.99	99	37293	11.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	23840	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	28862	11.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	31855	11.69	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	14208	11.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	15328	11.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	32032	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	32330	10.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	138005	14.72	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	155119	14.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	21517	11.19	ng/ul	0.00
57) Fluorene-d10	15.46	176	130023	15.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	16161	9.79	ng/ul	0.00
70) Anthracene-d10	17.30	188	217655	15.11	ng/ul	0.00
76) Pyrene-d10	19.59	212	310387	15.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	434038	16.21	ng/ul	0.00

Target Compounds

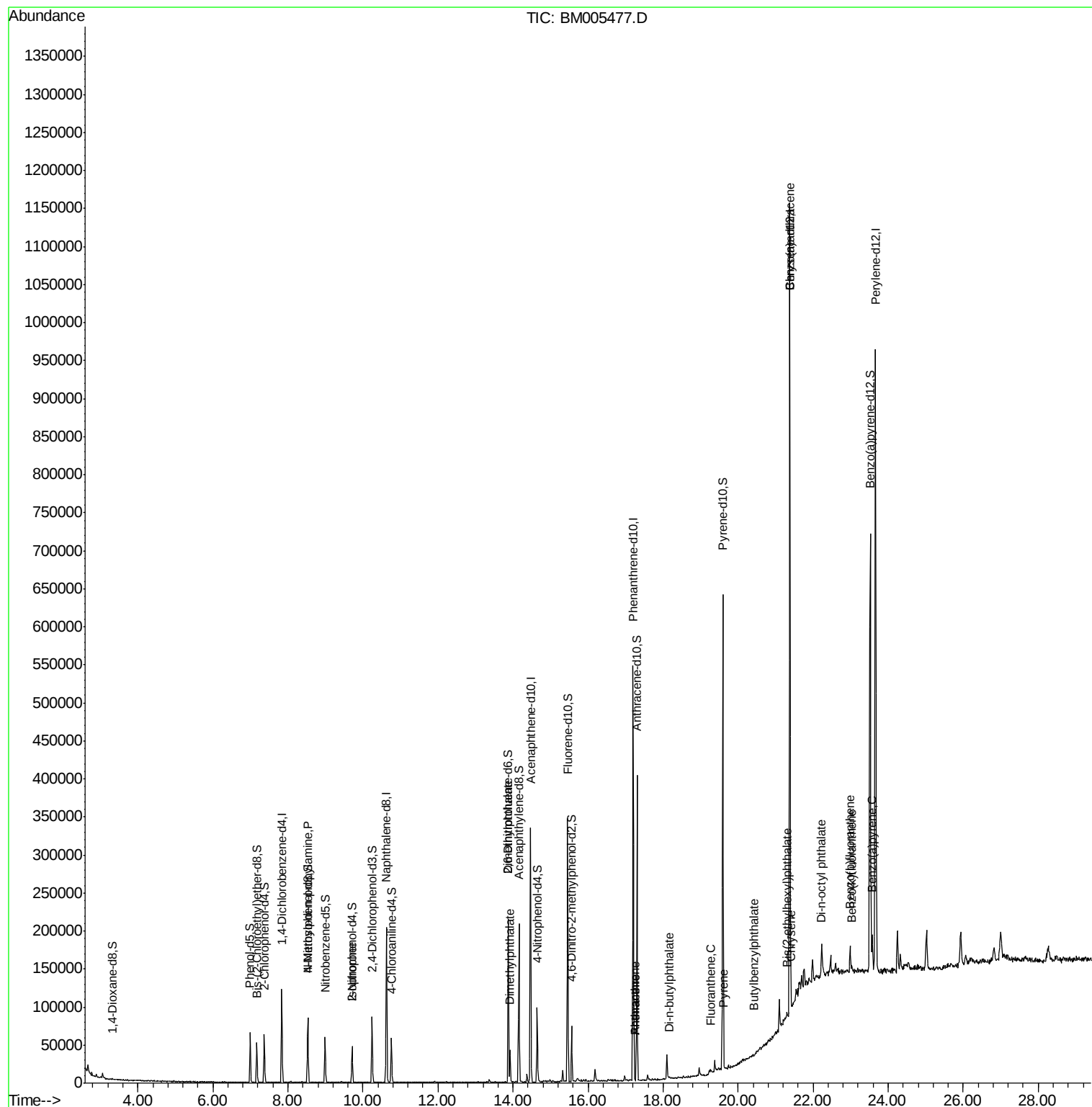
						Qvalue
15) N-Nitroso-di-n-propylamine	8.53	70	638	0.28	ng/ul#	1
21) Isophorone	9.71	82	1187	0.19	ng/ul#	67
44) Dimethylphthalate	13.92	163	27779	2.91	ng/ul	98
45) 2,6-Dinitrotoluene	13.88	165	637	0.35	ng/ul#	26
69) Phenanthrene	17.25	178	528	0.03	ng/ul#	60
71) Anthracene	17.25	178	528	0.03	ng/ul#	60
73) Di-n-butylphthalate	18.18	149	1263	0.06	ng/ul#	78
74) Fluoranthene	19.26	202	662	0.03	ng/ul#	72
77) Pyrene	19.62	202	1272	0.05	ng/ul#	69
78) Butylbenzylphthalate	20.43	149	222	0.02	ng/ul#	22
80) Benzo(a)anthracene	21.38	228	1756	0.06	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	1743	0.10	ng/ul#	84
82) Chrysene	21.42	228	609	0.02	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	121	0.00	ng/ul#	1
85) Benzo(b)fluoranthene	22.97	252	1091	0.03	ng/ul#	1
86) Benzo(k)fluoranthene	23.01	252	151	0.00	ng/ul#	1
88) Benzo(a)pyrene	23.56	252	156	0.00	ng/ul#	1

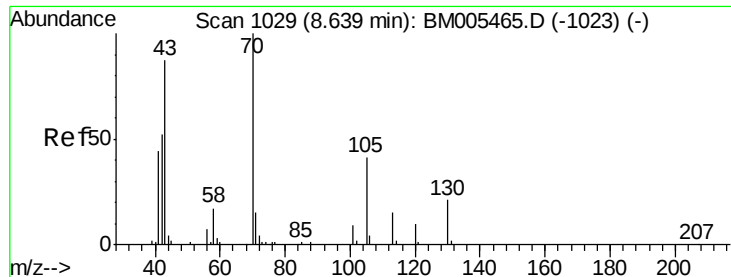
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 0.28 ng/ul

RT: 8.53 min Scan# 1011

Delta R.T. -0.11 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

Instrument :

BNA_M

ClientSampled :

D9WS5

Tgt Ion: 70 Resp: 638

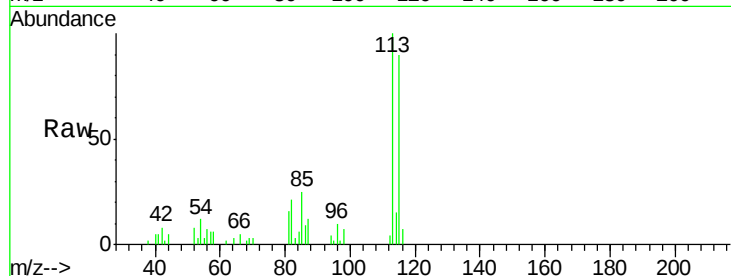
Ion Ratio Lower Upper

70 100

42 297.9 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

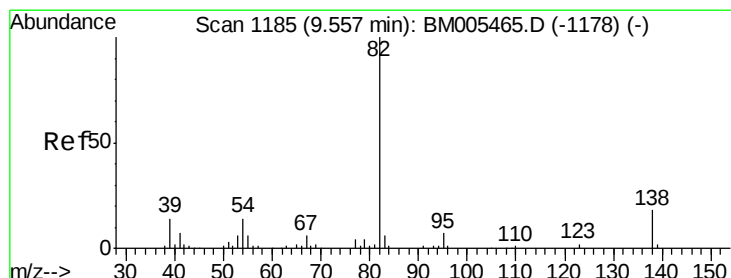
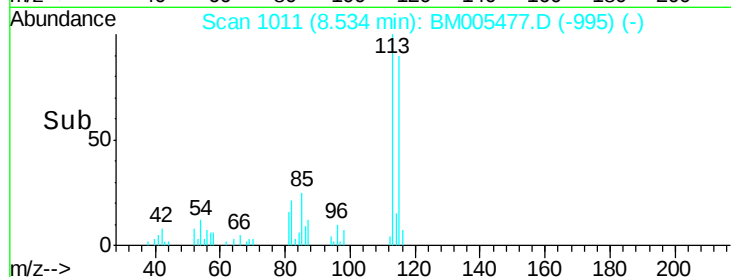
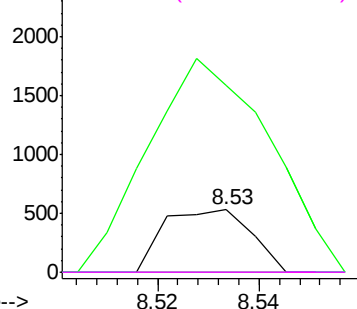


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 0.19 ng/ul

RT: 9.71 min Scan# 1211

Delta R.T. 0.15 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

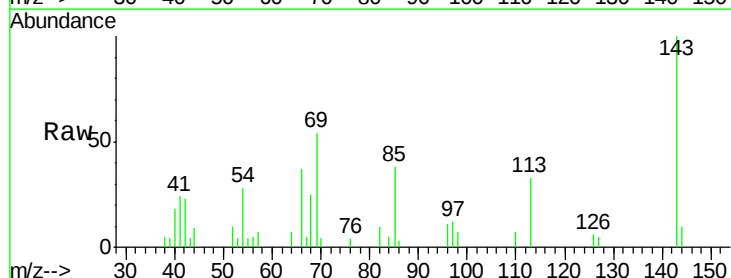
Tgt Ion: 82 Resp: 1187

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

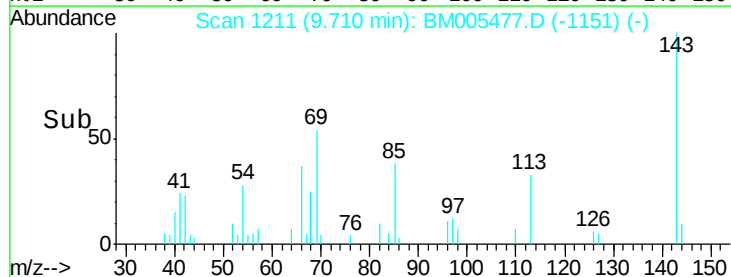
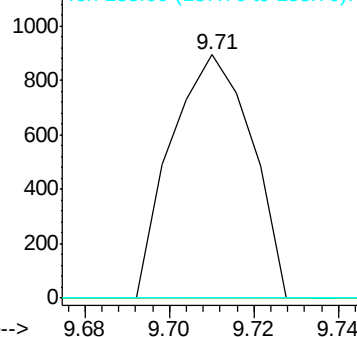
138 0.0 13.4 20.2#

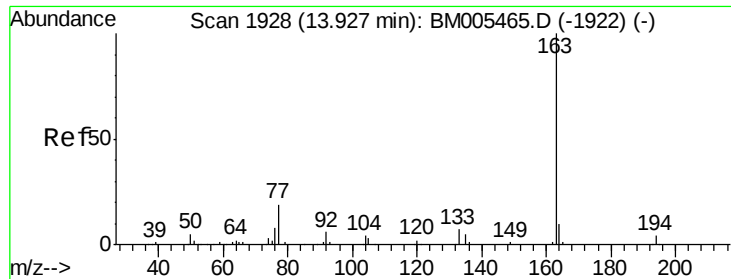


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

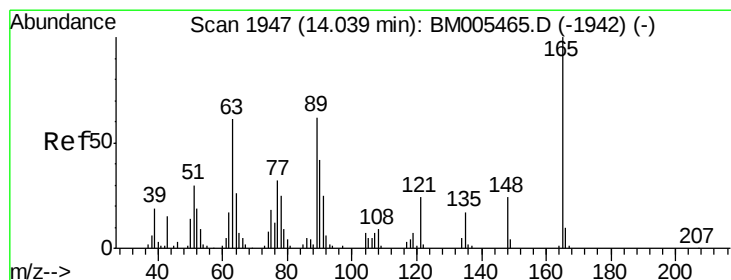
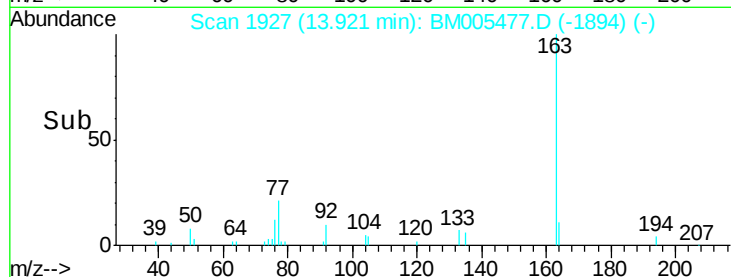
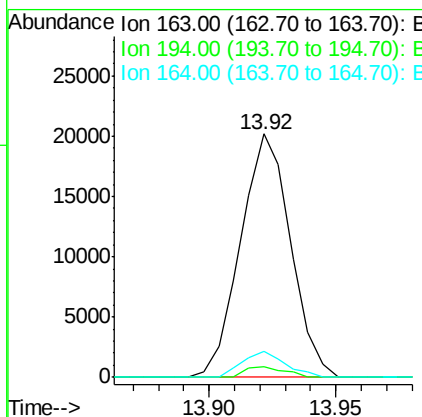
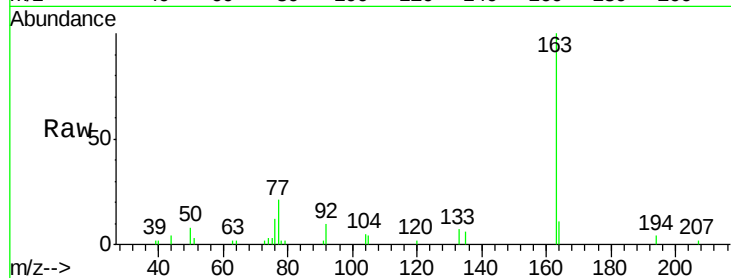




#44
Dimethylphthalate
Concen: 2.91 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM005477.D
Acq: 18 May 2016 19:43

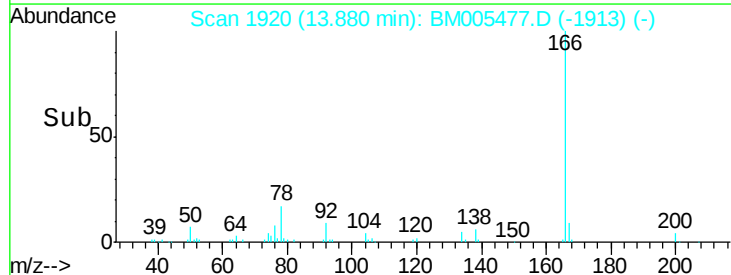
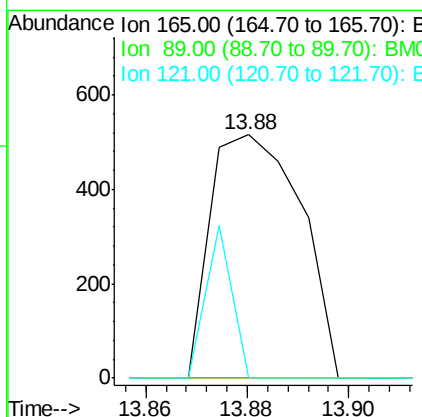
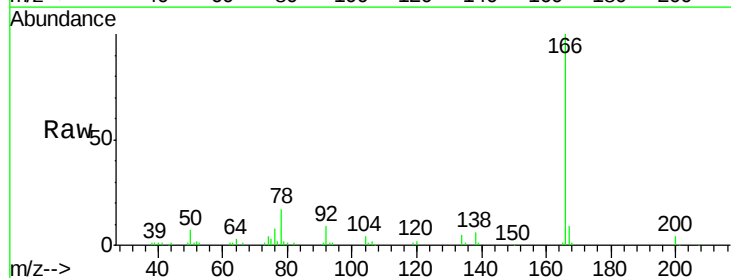
Instrument :
BNA_M
ClientSampled :
D9WS5

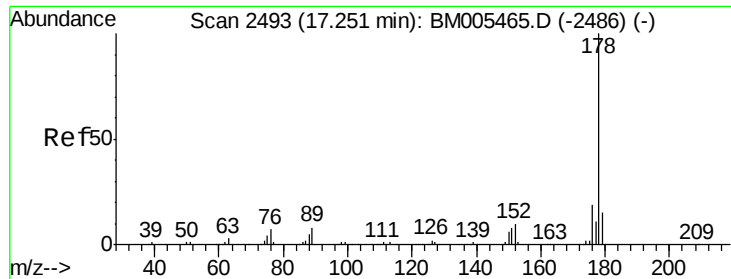
Tgt Ion:163 Resp: 27779
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.9 7.9 11.9



#45
2,6-Dinitrotoluene
Concen: 0.35 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. -0.16 min
Lab File: BM005477.D
Acq: 18 May 2016 19:43

Tgt Ion:165 Resp: 637
Ion Ratio Lower Upper
165 100
89 0.0 52.2 78.4#
121 0.0 21.0 31.4#





#69

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.25 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

Instrument :

BNA_M

ClientSampleId :

D9WS5

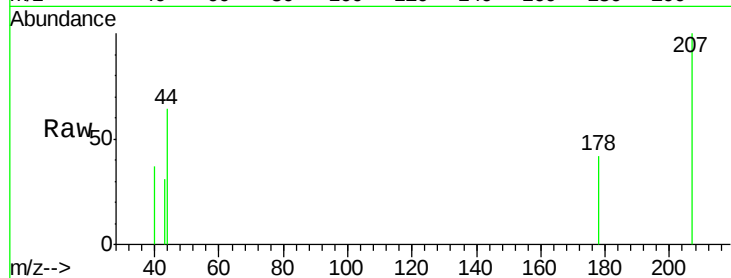
Tgt Ion:178 Resp: 528

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

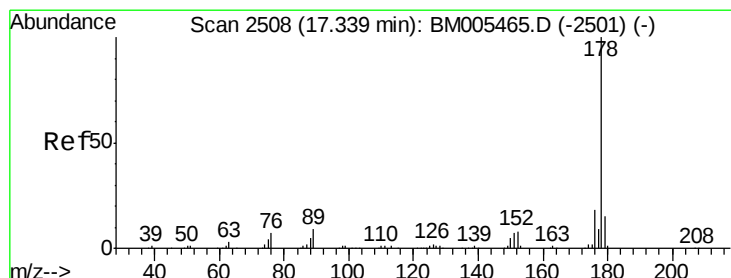
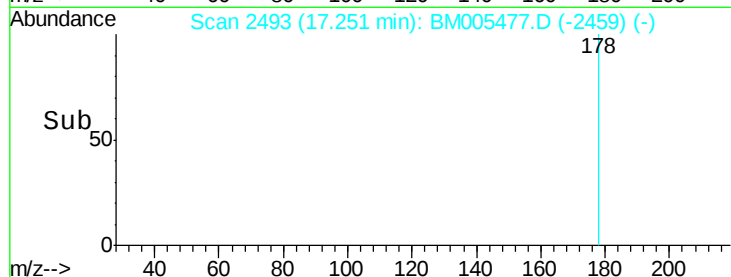
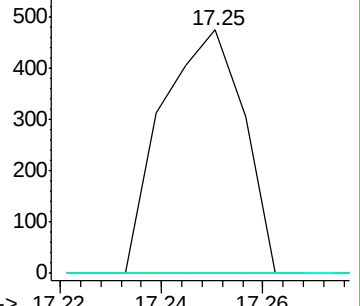
176 0.0 15.2 22.8#



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: 17.25 min Scan# 2493

Delta R.T. -0.09 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

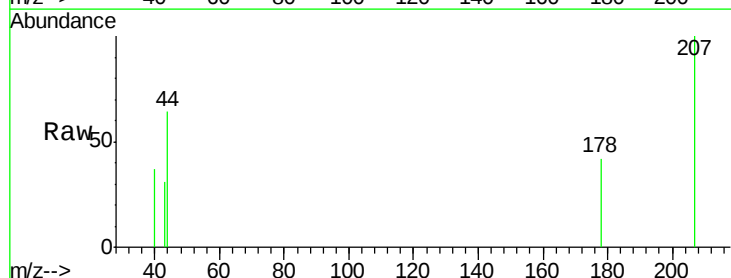
Tgt Ion:178 Resp: 528

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

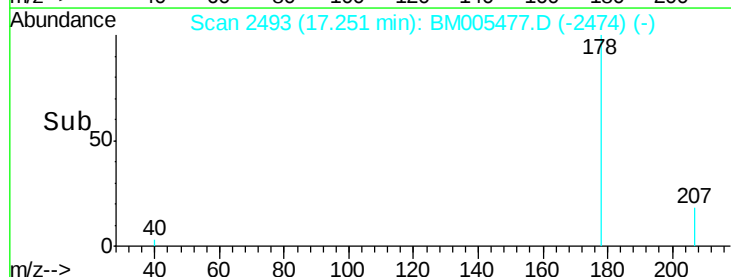
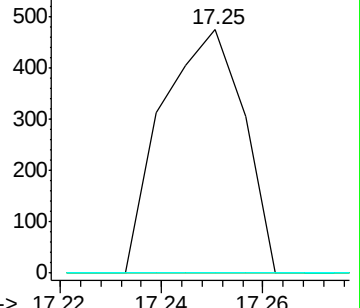
176 0.0 15.1 22.7#

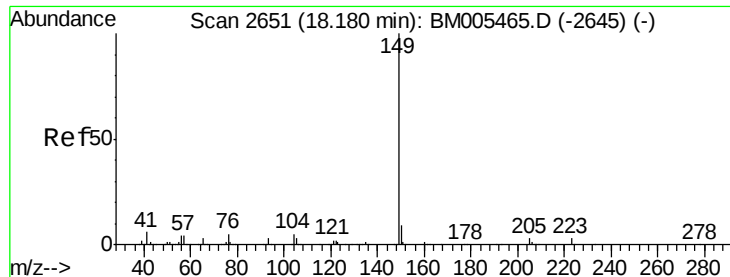


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

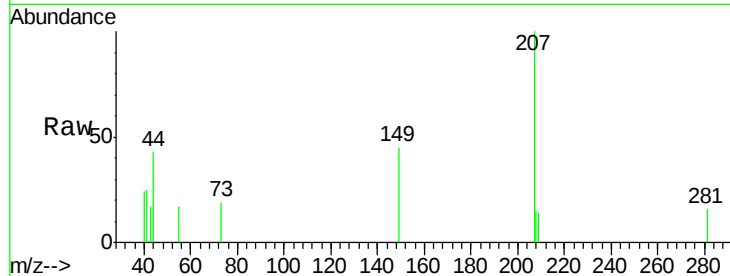




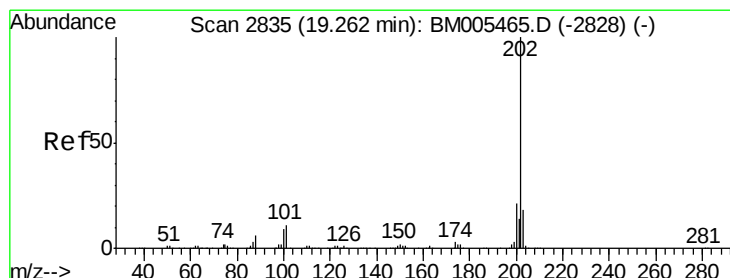
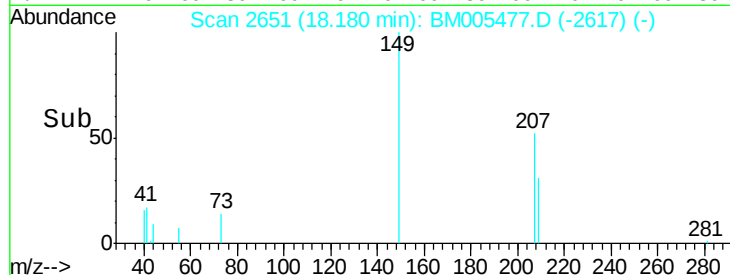
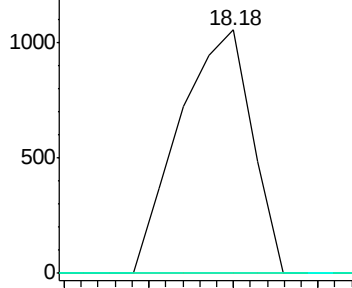
#73
Di-n-butylphthalate
Concen: 0.06 ng/ul
RT: 18.18 min Scan# 2651
Delta R.T. -0.00 min
Lab File: BM005477.D
Acq: 18 May 2016 19:43

Instrument :
BNA_M
ClientSampled :
D9WS5

Tgt Ion:149 Resp: 1263
Ion Ratio Lower Upper
149 100
150 0.0 7.3 10.9#
104 0.0 4.1 6.1#

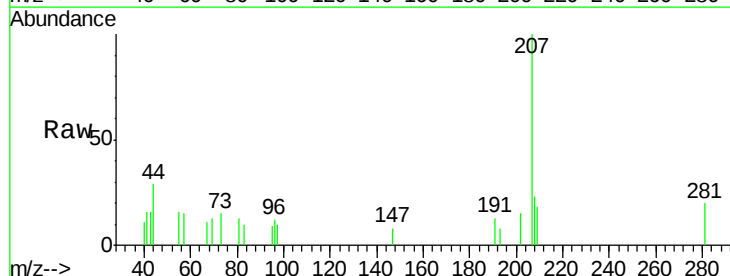


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

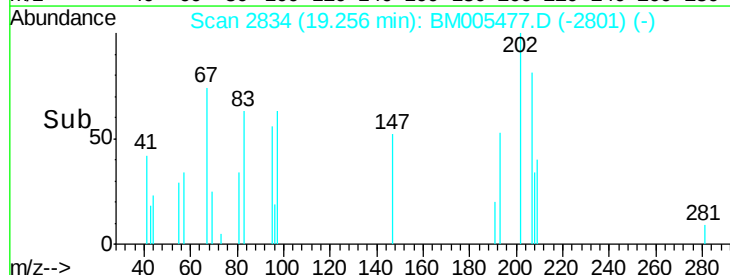
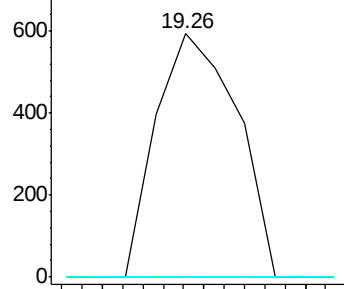


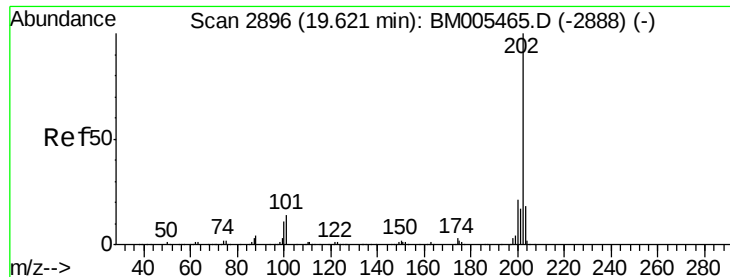
#74
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.26 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM005477.D
Acq: 18 May 2016 19:43

Tgt Ion:202 Resp: 662
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: BM005477.D

Acq: 18 May 2016 19:43

Instrument :

BNA_M

ClientSampleId :

D9WS5

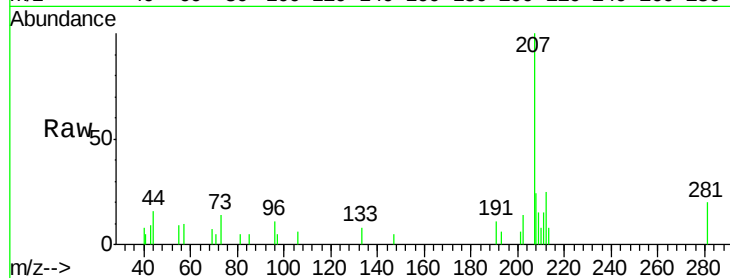
Tgt Ion:202 Resp: 1272

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

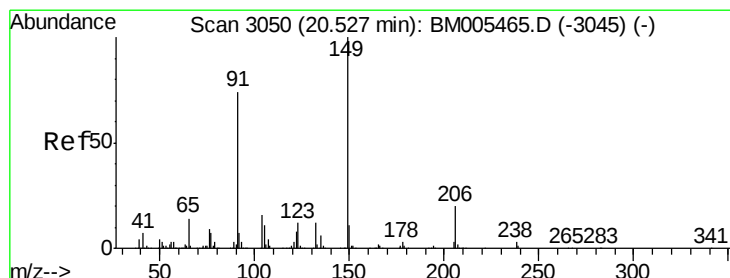
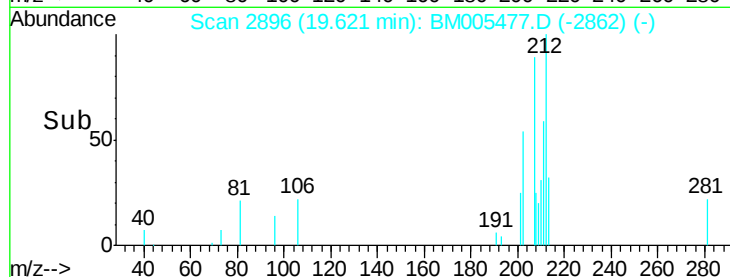
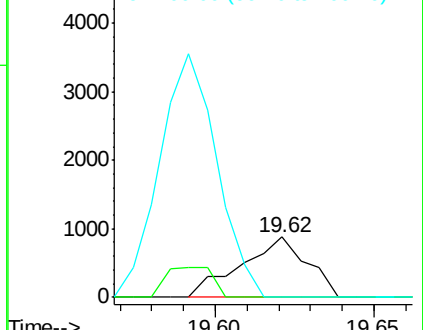
100 0.0 8.4 12.6#



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: 0.02 ng/ul

RT: 20.43 min Scan# 3033

Delta R.T. -0.10 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

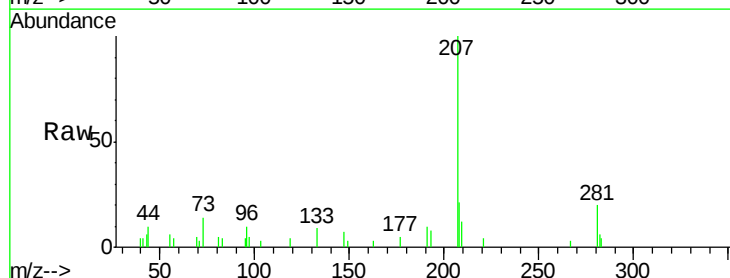
Tgt Ion:149 Resp: 222

Ion Ratio Lower Upper

149 100

91 0.0 58.4 87.6#

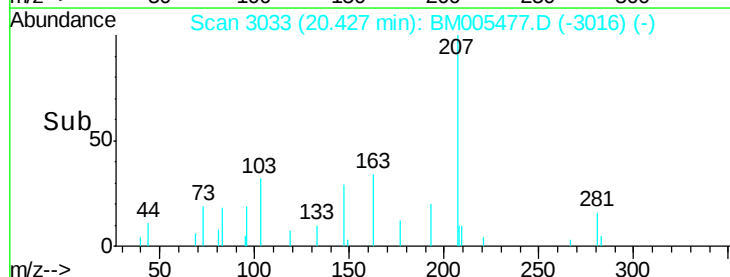
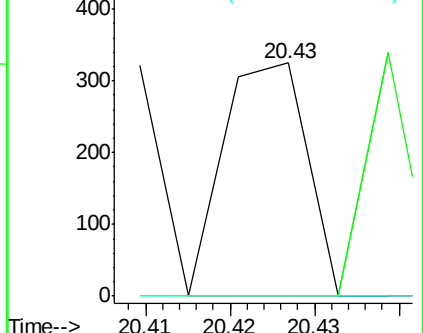
206 0.0 17.3 25.9#

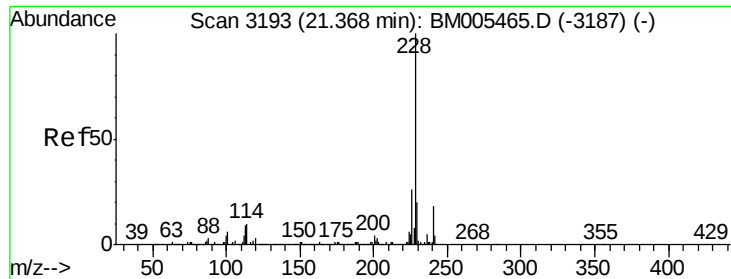


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

Instrument :

BNA_M

ClientSampleId :

D9WS5

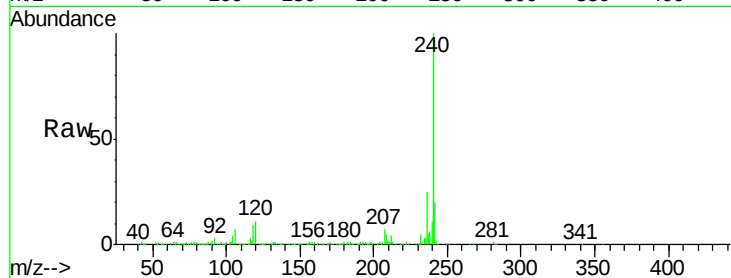
Tgt Ion:228 Resp: 1756

Ion Ratio Lower Upper

228 100

229 0.0 15.5 23.3#

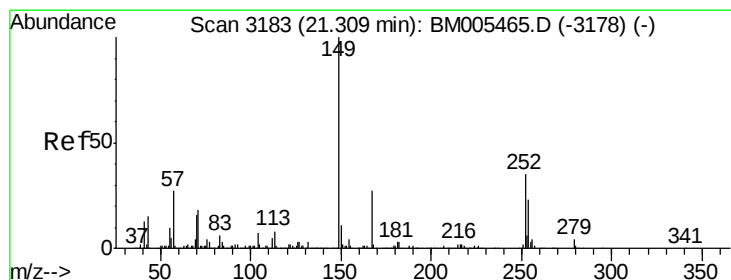
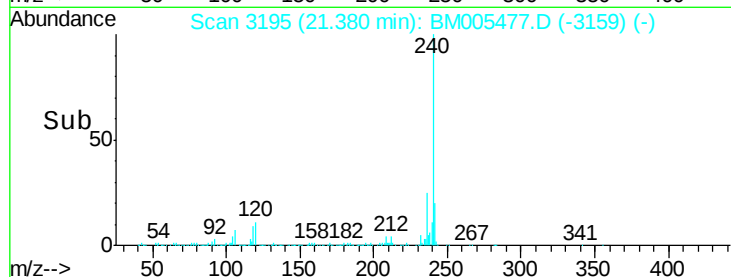
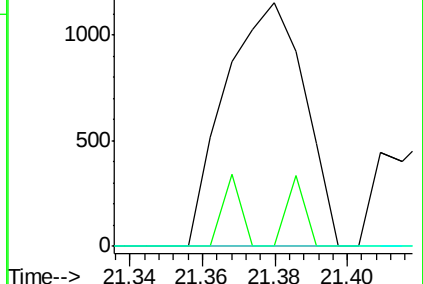
226 0.0 21.8 32.8#



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: 0.10 ng/ul

RT: 21.30 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

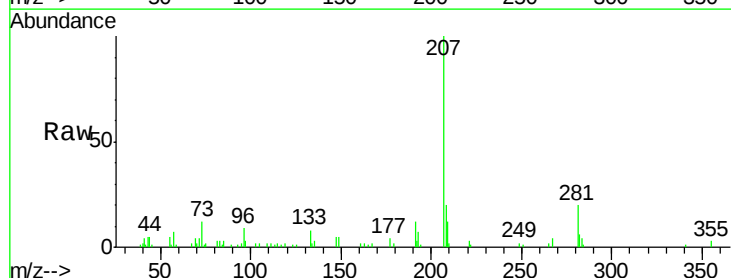
Tgt Ion:149 Resp: 1743

Ion Ratio Lower Upper

149 100

167 36.1 21.9 32.9#

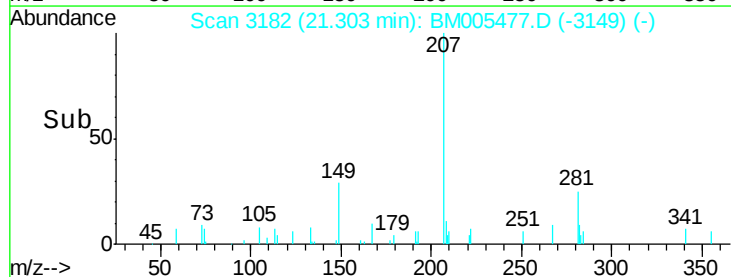
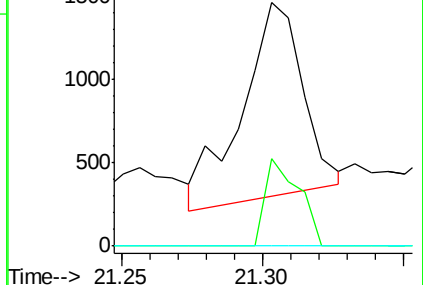
279 0.0 3.0 4.4#

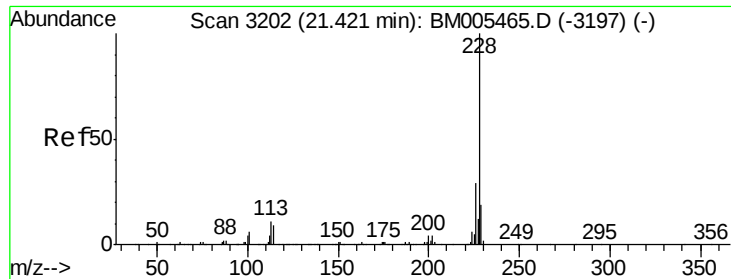


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

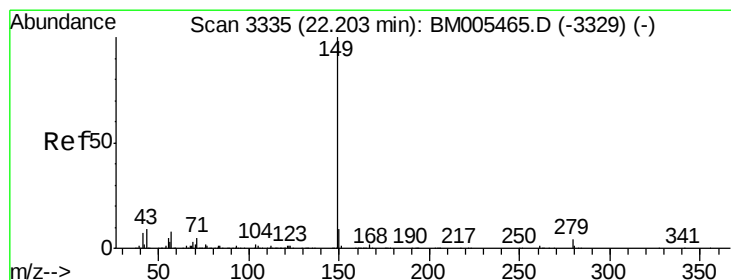
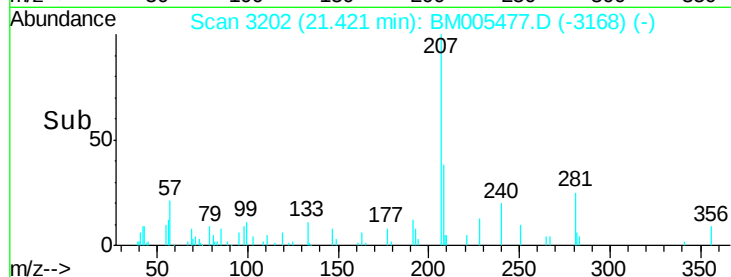
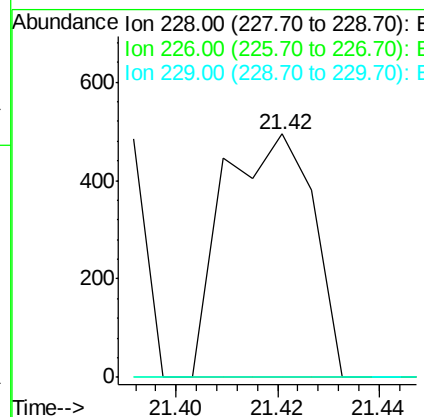
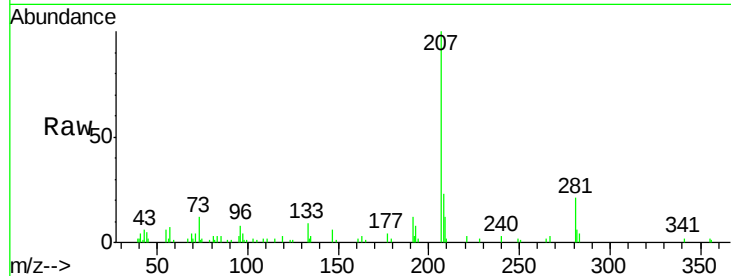




#82
Chrysene
Concen: 0.02 ng/ul
RT: 21.42 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BM005477.D
Acq: 18 May 2016 19:43

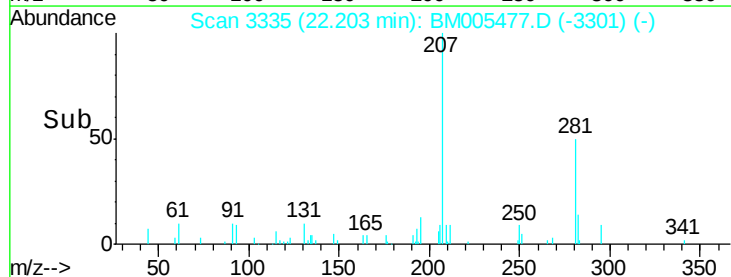
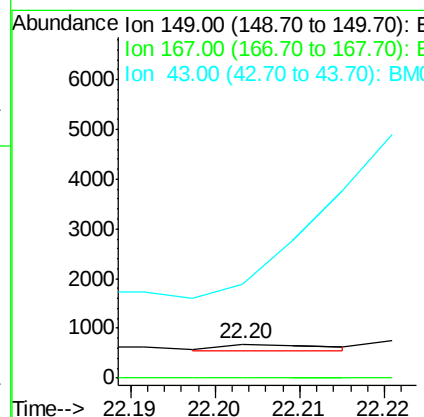
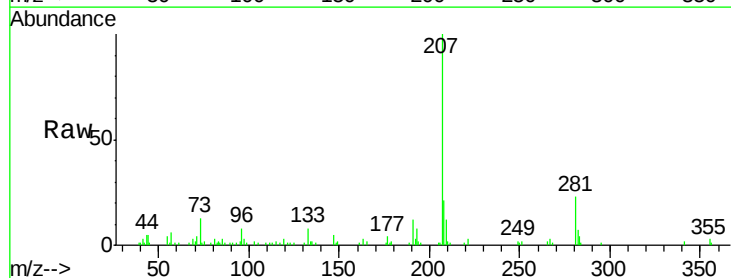
Instrument :
BNA_M
ClientSampleId :
D9WS5

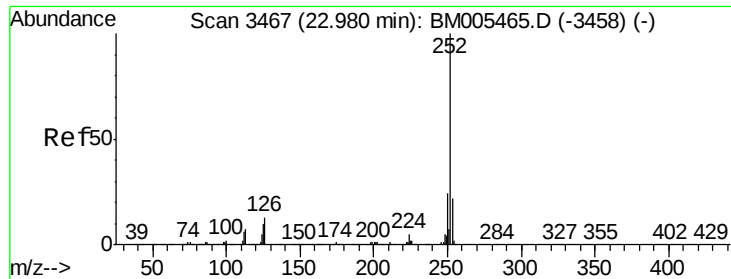
Tgt Ion: 228 Resp: 609
Ion Ratio Lower Upper
228 100
226 0.0 23.6 35.4#
229 0.0 15.4 23.0#



#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.20 min Scan# 3335
Delta R.T. 0.00 min
Lab File: BM005477.D
Acq: 18 May 2016 19:43

Tgt Ion: 149 Resp: 121
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 274.9 7.4 11.0#





#85

Benzo(b)fluoranthene

Concen: 0.03 ng/u1

RT: 22.97 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

Instrument :

BNA_M

ClientSampleId :

D9WS5

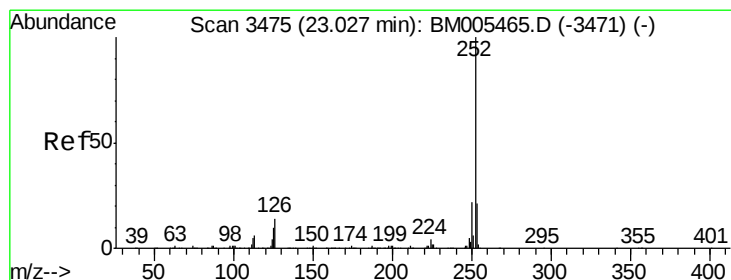
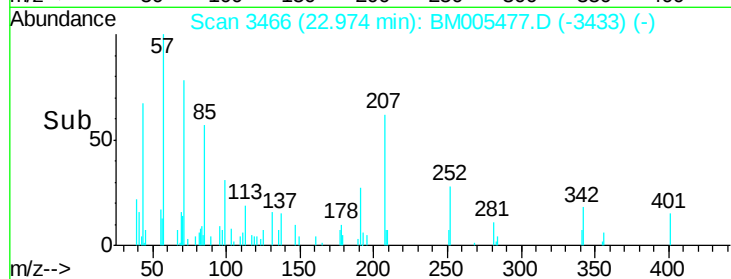
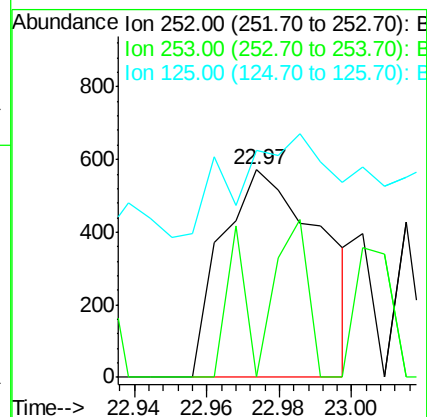
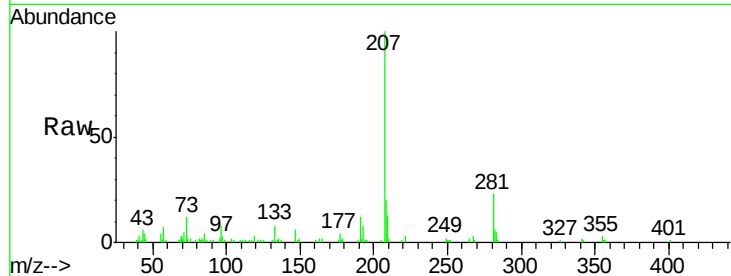
Tgt Ion:252 Resp: 1091

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 109.5 8.4 12.6#



#86

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

RT: 23.01 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BM005477.D

Acq: 18 May 2016 19:43

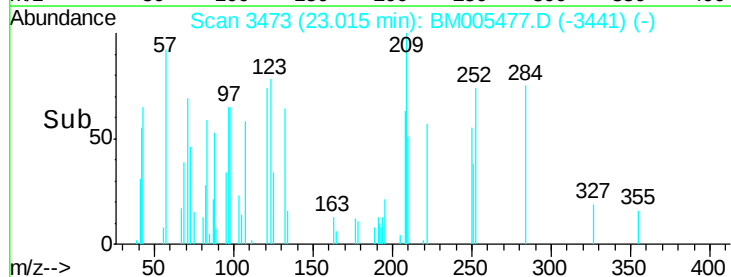
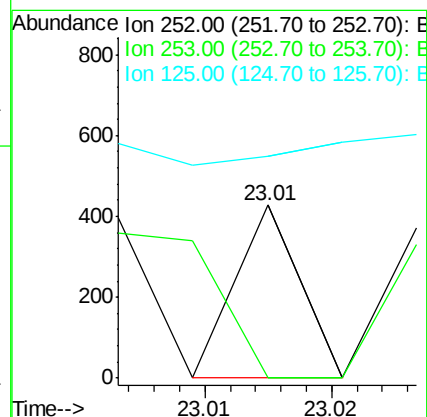
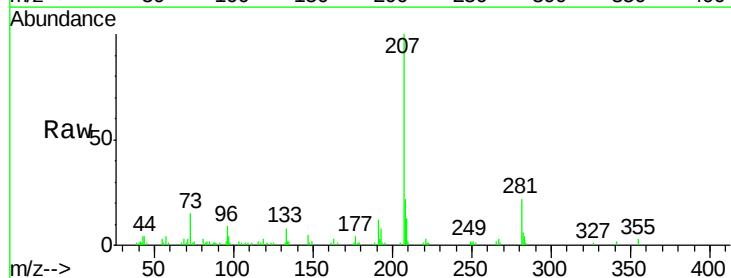
Tgt Ion:252 Resp: 151

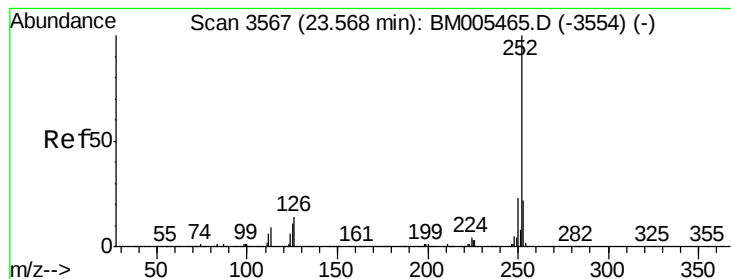
Ion Ratio Lower Upper

252 100

253 0.0 17.3 25.9#

125 128.5 8.0 12.0#





#88

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.56 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BM005477.D

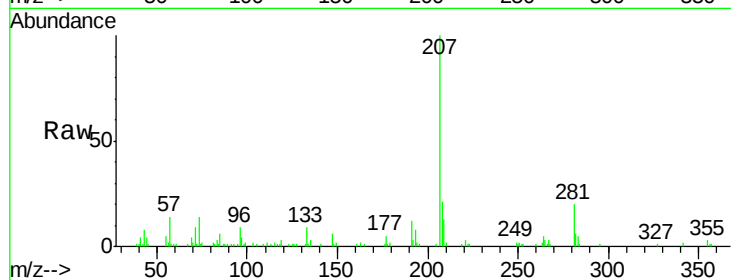
Acq: 18 May 2016 19:43

Instrument :

BNA_M

ClientSampleId :

D9WS5



Tgt Ion: 252 Resp: 156

Ion Ratio Lower Upper

252 100

253 81.0 17.5 26.3#

125 122.6 8.7 13.1#

