

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007397.D
 Acq On : 03 Sep 2016 08:58
 Operator : UM/SJ
 Sample : H4655-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0002

Quant Time: Sep 05 01:44:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 05 01:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	181837	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	900438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	621025	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1649132	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2092870	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2042160	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	6665	1.87	ng/uL	0.00
5) Phenol-d5	6.96	99	194422	11.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	109661	12.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	148546	11.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	164450	10.98	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	80696	12.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	94450	12.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	184137	11.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	77024	4.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	673379	12.57	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	824005	13.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	99145	9.80	ng/ul	0.00
57) Fluorene-d10	15.42	176	630365	13.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	100436	9.69	ng/ul	0.00
70) Anthracene-d10	17.26	188	1065474	13.83	ng/ul	0.00
76) Pyrene-d10	19.56	212	1286507	14.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1241414	13.20	ng/ul	0.01

Target Compounds

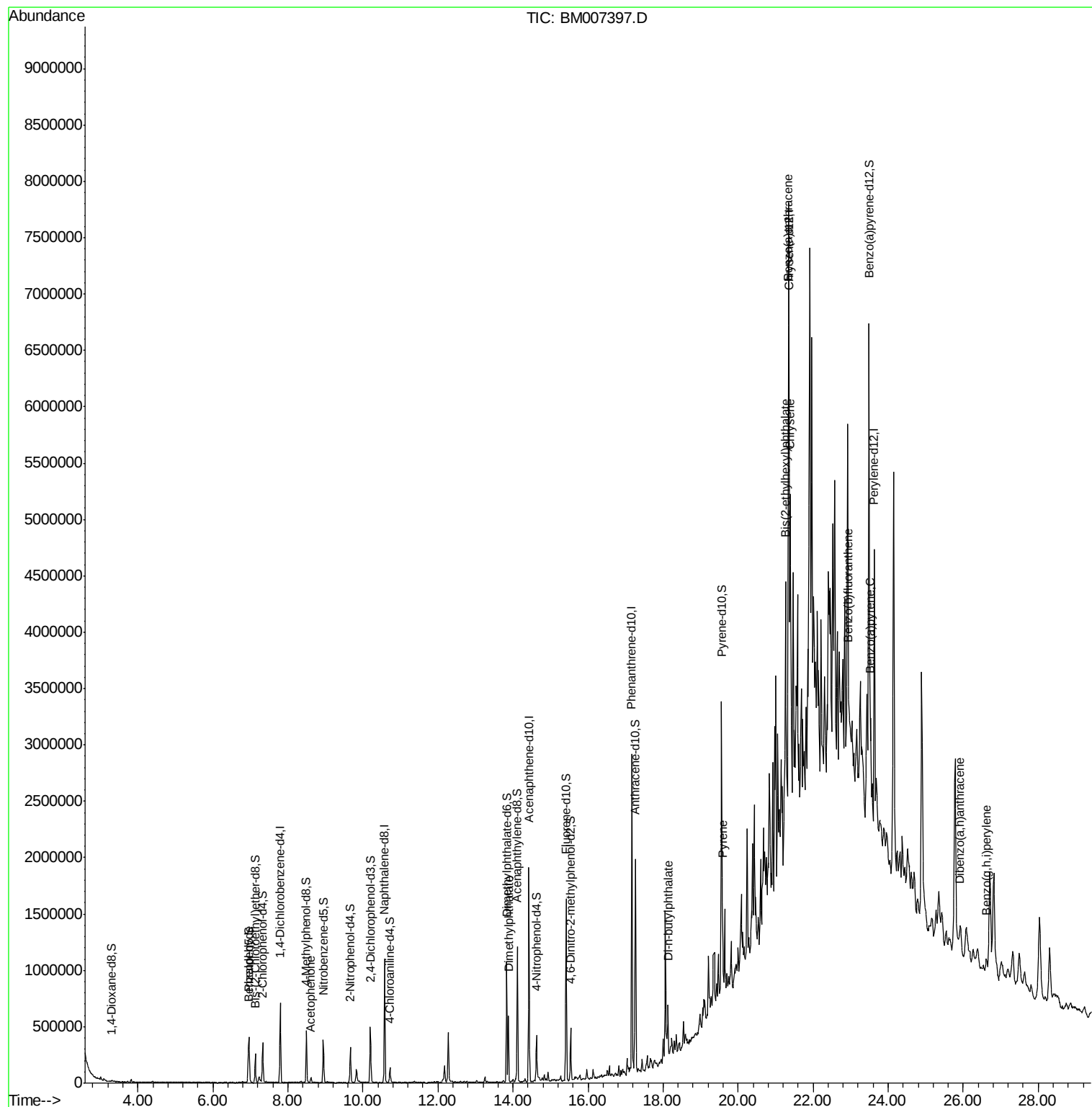
						Qvalue
4) Benzaldehyde	6.94	77	80495	8.23	ng/ul	96
14) Acetophenone	8.62	105	29074	1.27	ng/ul	94
44) Dimethylphthalate	13.88	163	359112	6.73	ng/ul	100
73) Di-n-butylphthalate	18.13	149	307761	3.08	ng/ul	98
77) Pyrene	19.59	202	217770	1.94	ng/ul#	96
80) Benzo(a)anthracene	21.34	228	1087422	8.81	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.26	149	711566	10.50	ng/ul	99
82) Chrysene	21.39	228	1969776	17.63	ng/ul#	90
85) Benzo(b)fluoranthene	22.94	252	370625	3.07	ng/ul#	87
88) Benzo(a)pyrene	23.53	252	539923	4.67	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.91	278	141678	1.20	ng/ul#	32
91) Benzo(g,h,i)perylene	26.63	276	171981	1.43	ng/ul	95

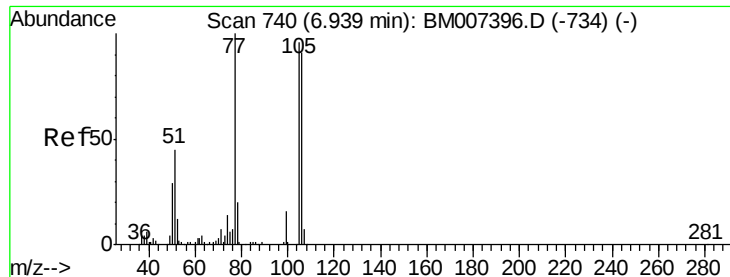
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 8.23 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

Instrument :

BNA_M

ClientSampleId :

C0002

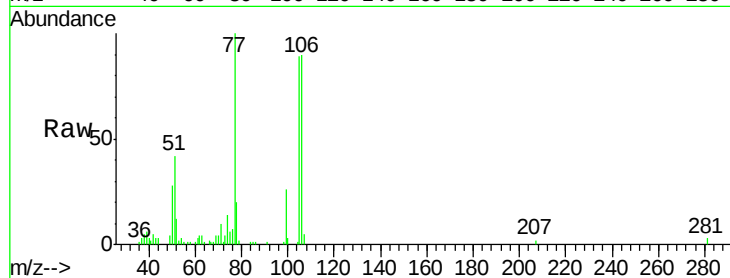
Tgt Ion: 77 Resp: 80495

Ion Ratio Lower Upper

77 100

105 89.3 76.9 115.3

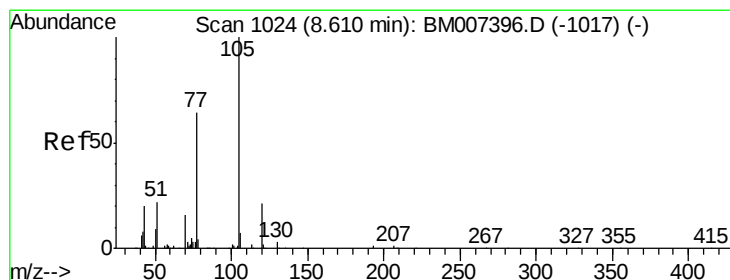
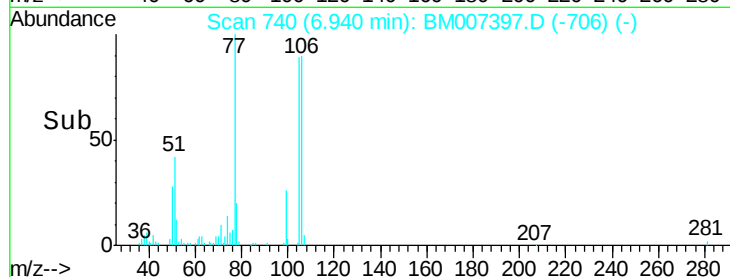
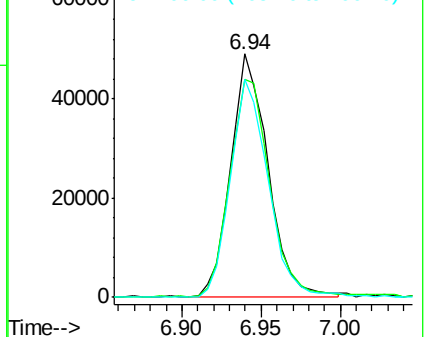
106 89.6 71.8 107.8



Abundance Ion 77.00 (76.70 to 77.70): BM007397.D (-706) (-)

Ion 105.00 (104.70 to 105.70): BM007397.D (-990) (-)

Ion 106.00 (105.70 to 106.70): BM007397.D (-990) (-)



#14

Acetophenone

Concen: 1.27 ng/ul

RT: 8.62 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

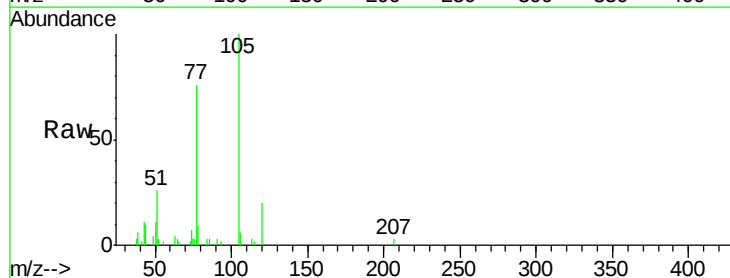
Tgt Ion: 105 Resp: 29074

Ion Ratio Lower Upper

105 100

77 75.9 65.9 98.9

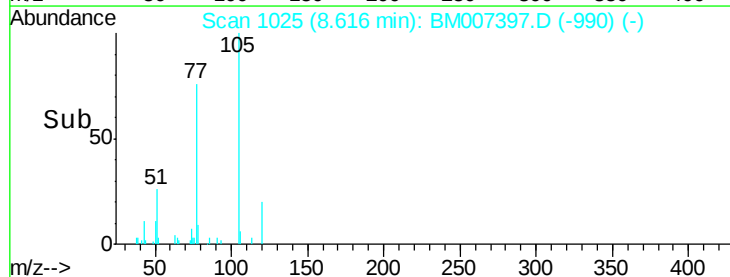
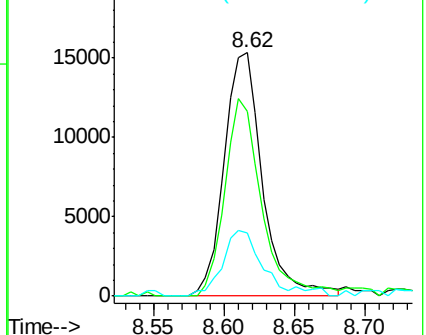
51 25.7 22.2 33.2

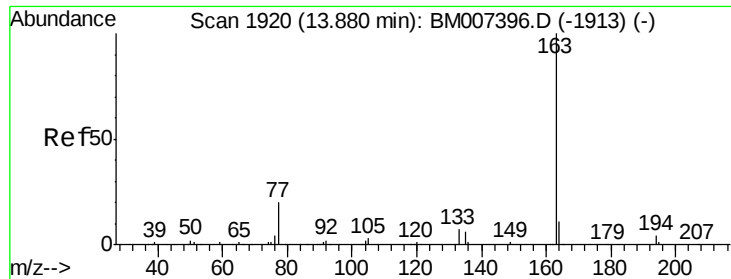


Abundance Ion 105.00 (104.70 to 105.70): BM007397.D (-990) (-)

Ion 77.00 (76.70 to 77.70): BM007397.D (-706) (-)

Ion 51.00 (50.70 to 51.70): BM007397.D (-706) (-)





#44

Dimethylphthalate

Concen: 6.73 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

Instrument :

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ClientSampleId :

C0002

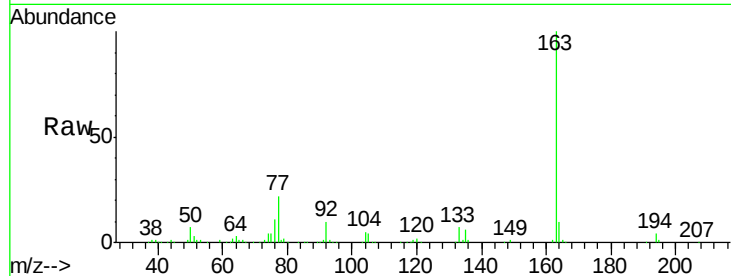
Tgt Ion:163 Resp: 359112

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

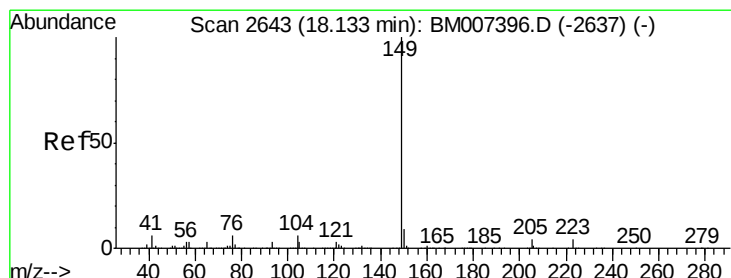
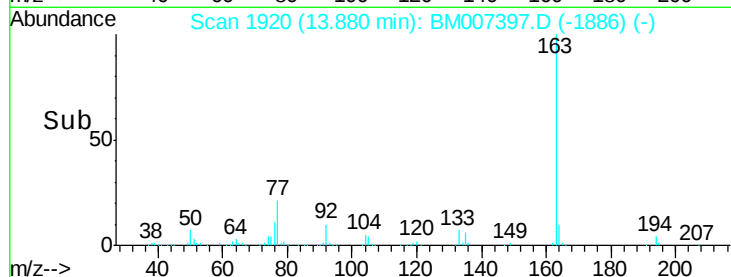
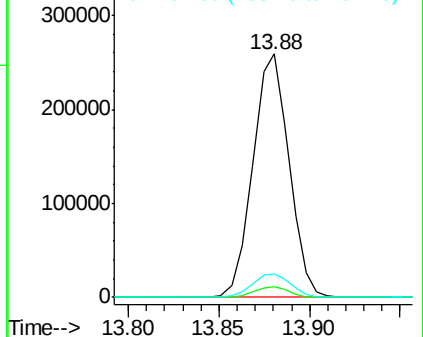
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

Di-n-butylphthalate

Concen: 3.08 ng/ul

RT: 18.13 min Scan# 2643

Delta R.T. 0.00 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

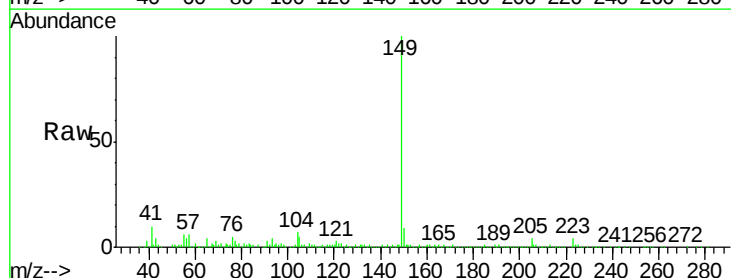
Tgt Ion:149 Resp: 307761

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

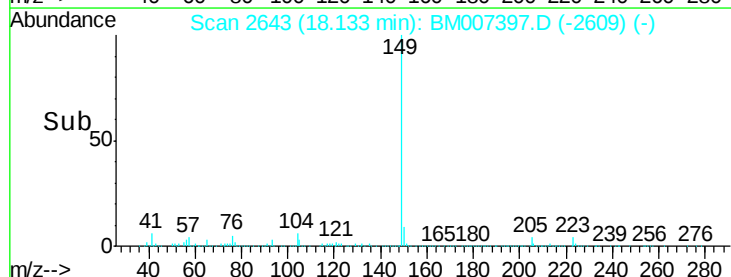
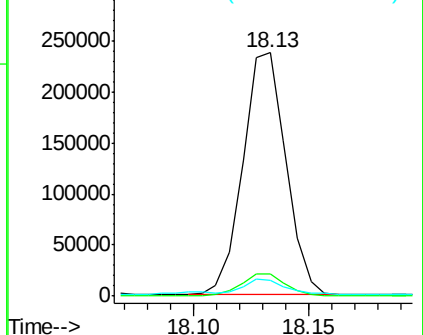
104 6.7 4.6 7.0

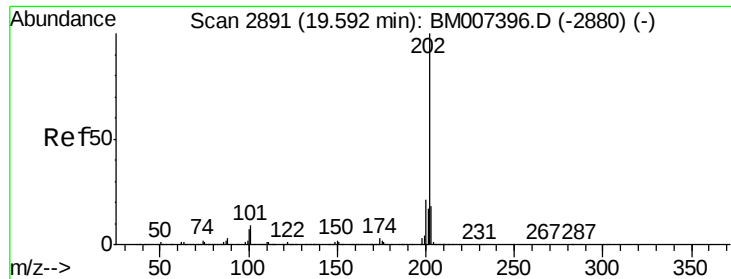


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Pyrene

Concen: 1.94 ng/ul

RT: 19.59 min Scan# 2890

Delta R.T. -0.01 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

Instrument :

BNA_M

ClientSampleId :

C0002

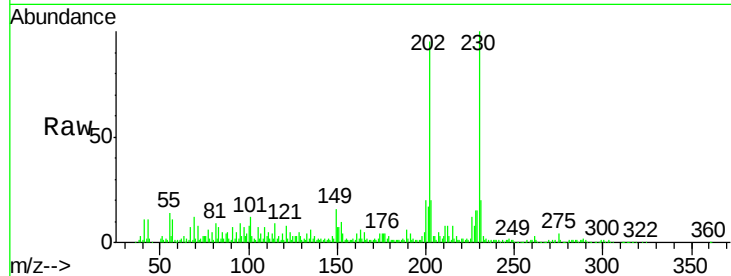
Tgt Ion:202 Resp: 217770

Ion Ratio Lower Upper

202 100

101 12.9 8.4 12.6#

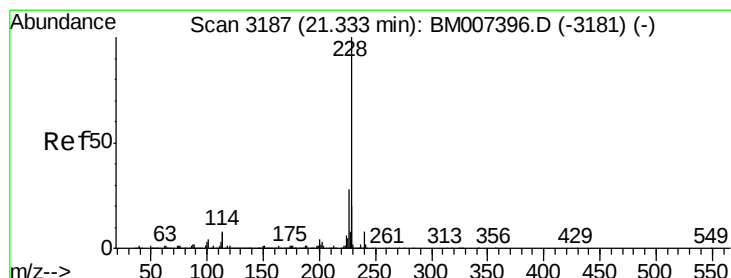
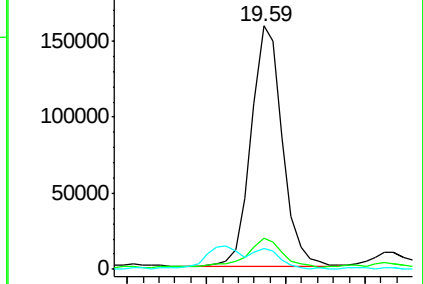
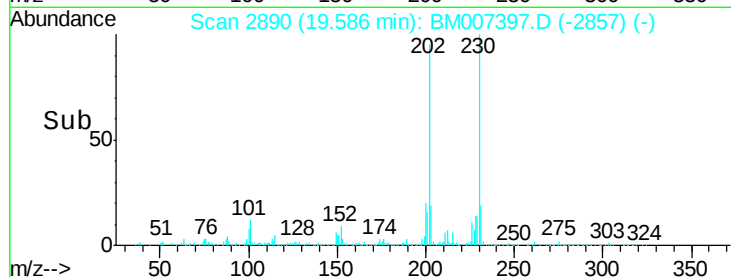
100 8.7 6.9 10.3



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: 8.81 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

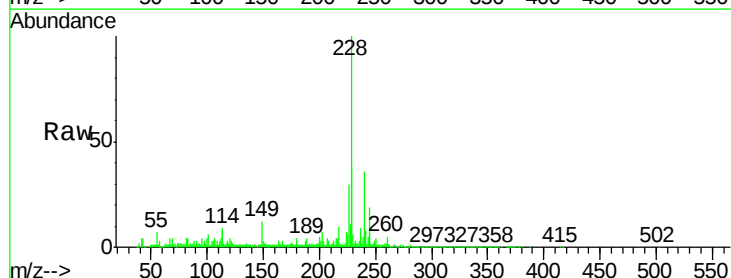
Tgt Ion:228 Resp: 1087422

Ion Ratio Lower Upper

228 100

229 38.1 15.6 23.4#

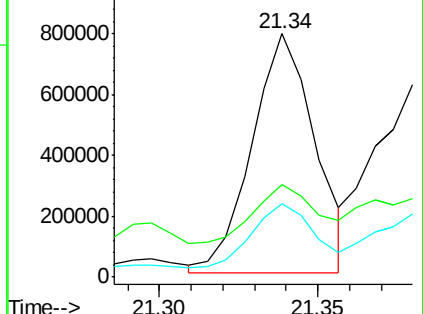
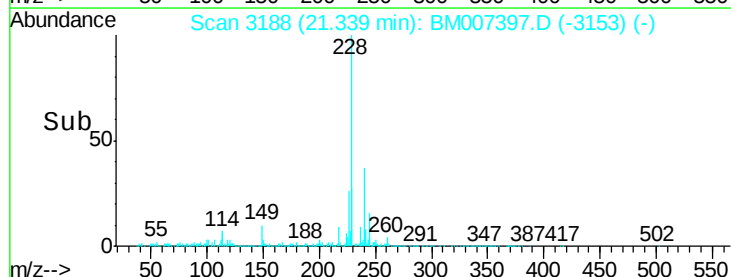
226 30.0 21.8 32.8

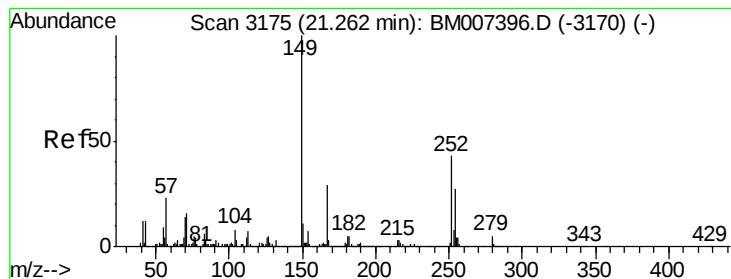


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 10.50 ng/ul

RT: 21.26 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

Instrument :

BNA_M

ClientSampleId :

C0002

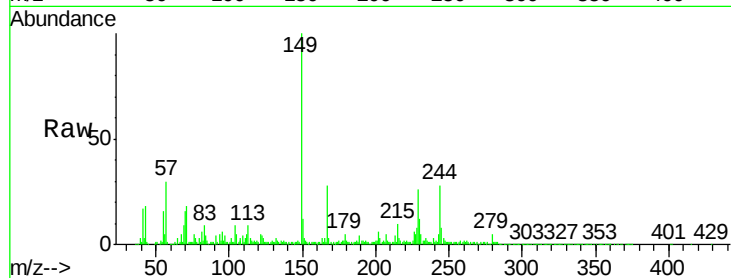
Tgt Ion:149 Resp: 711566

Ion Ratio Lower Upper

149 100

167 28.2 23.2 34.8

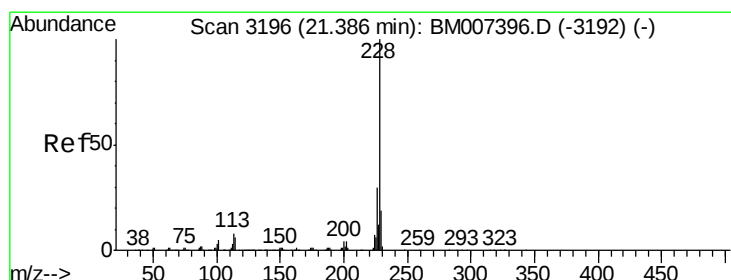
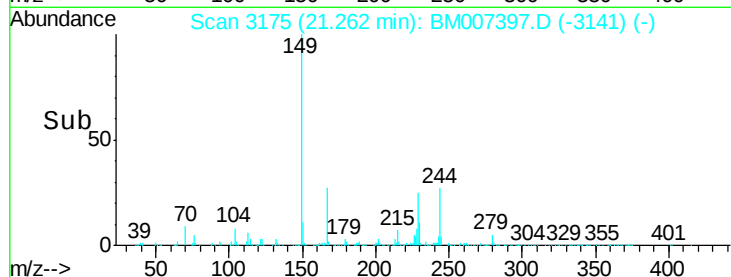
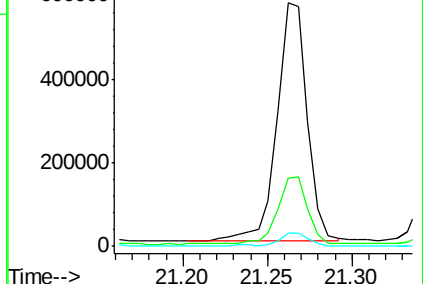
279 5.2 4.1 6.1



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: 17.63 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. 0.01 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

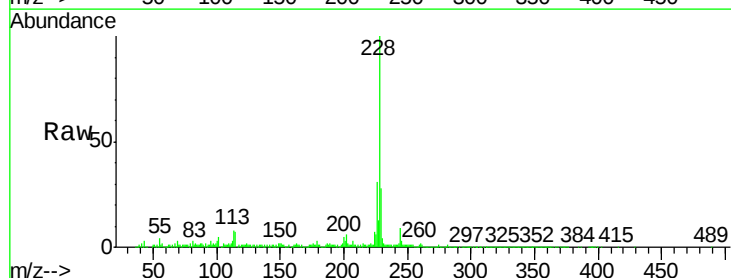
Tgt Ion:228 Resp: 1969776

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

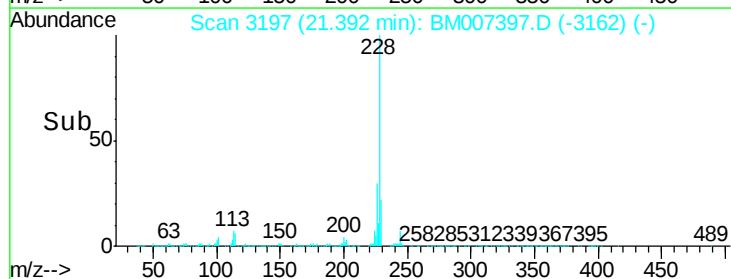
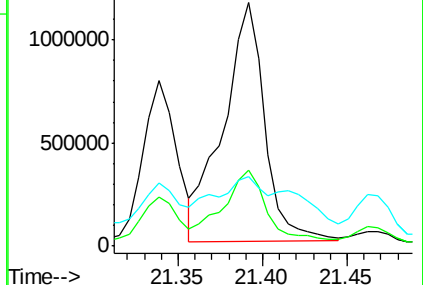
229 28.3 15.5 23.3#

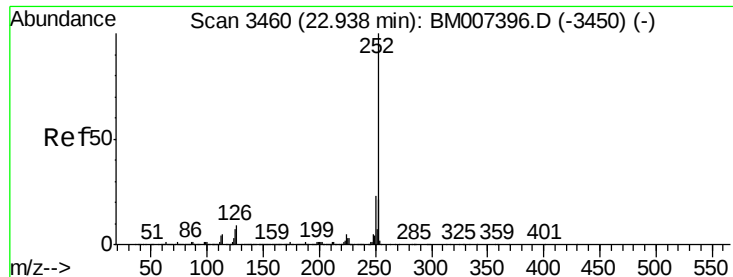


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

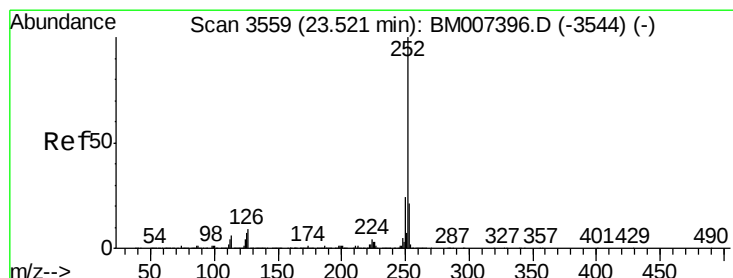
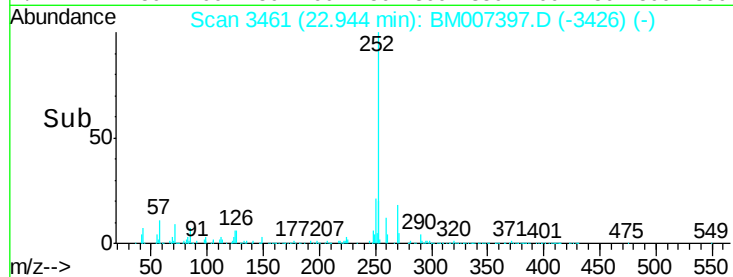
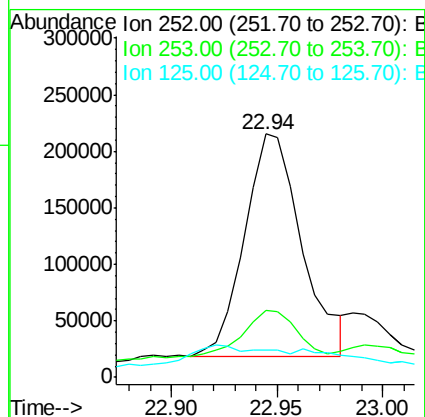
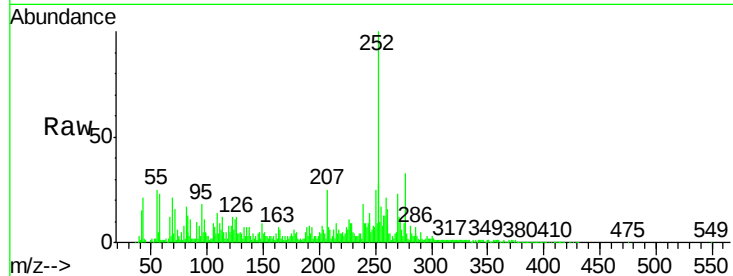




#85
Benzo(b)fluoranthene
Concen: 3.07 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BM007397.D
Acq: 03 Sep 2016 08:58

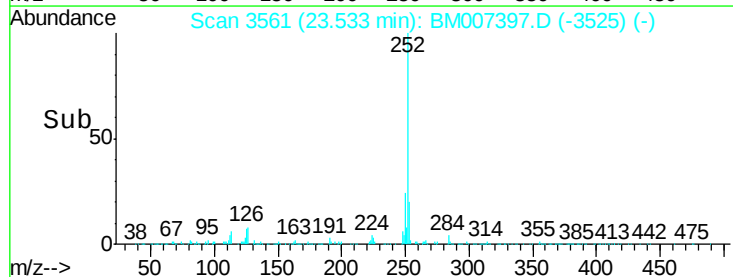
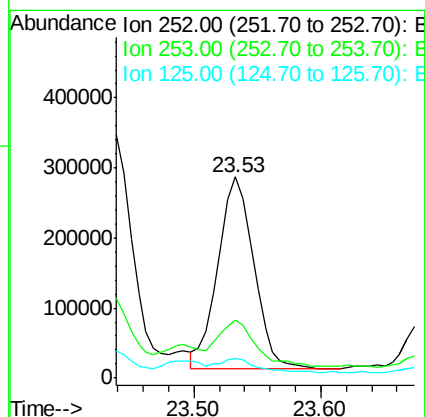
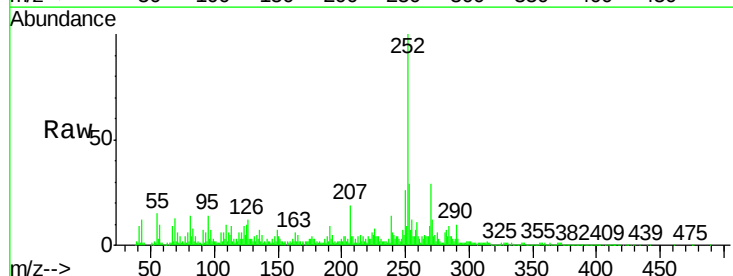
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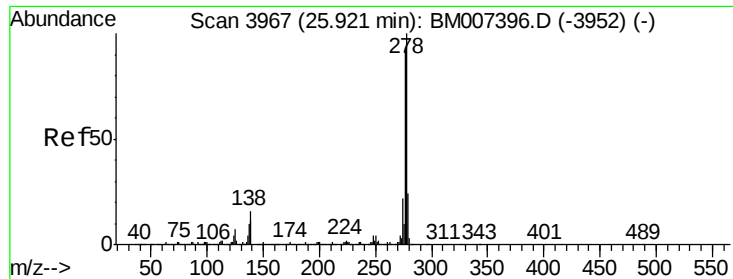
Tgt Ion:252 Resp: 370625
Ion Ratio Lower Upper
252 100
253 27.6 17.1 25.7#
125 11.3 5.8 8.8#



#88
Benzo(a)pyrene
Concen: 4.67 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM007397.D
Acq: 03 Sep 2016 08:58

Tgt Ion:252 Resp: 539923
Ion Ratio Lower Upper
252 100
253 28.9 17.7 26.5#
125 9.9 6.6 9.8#





#90

Dibenzo(a,h)anthracene

Concen: 1.20 ng/ul

RT: 25.91 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

Instrument :

BNA_M

ClientSampleId :

C0002

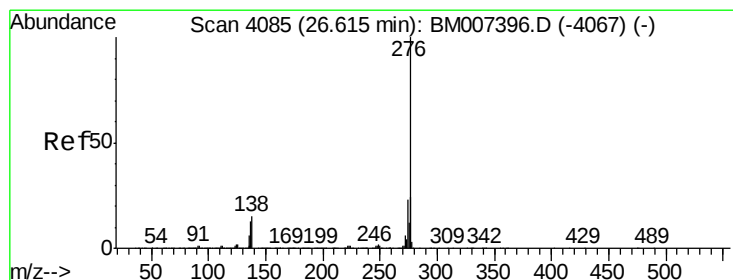
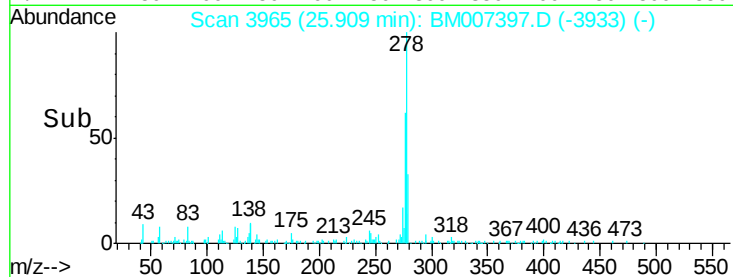
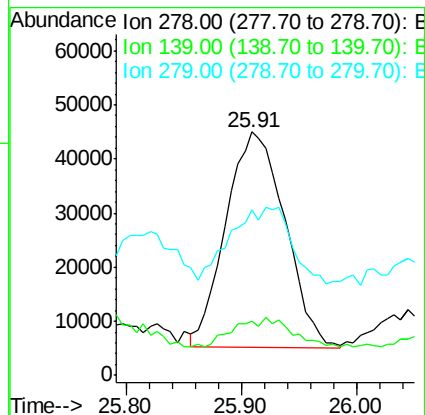
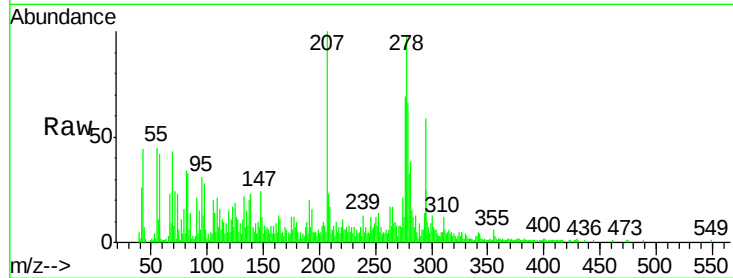
Tgt Ion:278 Resp: 141678

Ion Ratio Lower Upper

278 100

139 22.1 9.5 14.3#

279 67.8 19.1 28.7#



#91

Benzo(g,h,i)perylene

Concen: 1.43 ng/ul

RT: 26.63 min Scan# 4087

Delta R.T. 0.01 min

Lab File: BM007397.D

Acq: 03 Sep 2016 08:58

Tgt Ion:276 Resp: 171981

Ion Ratio Lower Upper

276 100

138 17.6 13.5 20.3

277 28.1 19.3 28.9

