

Data File : BM009802.D
Acq On : 29 Apr 2017 04:14
Operator : SJ/MA
Sample : I2845-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW3

Quant Time: Apr 29 05:08:40 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:28:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	207275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	898974	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	534735	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1057885	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	866292	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	817977	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	16635	3.70	ng/uL	0.00
5) Phenol-d5	6.99	99	494654	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	329756	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	343621	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	381646	21.74	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	173236	23.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	200819	26.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	365330	23.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	166440	8.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1128786	24.27	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1428452	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	166498	18.55	ng/ul	0.02
57) Fluorene-d10	15.47	176	986075	23.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	74737	10.01	ng/ul	0.01
70) Anthracene-d10	17.32	188	1381066	25.43	ng/ul	0.00
76) Pyrene-d10	19.62	212	1217725	31.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1037197	26.07	ng/ul	0.02

Target Compounds				Qvalue		
44) Dimethylphthalate	13.93	163	203333	4.42	ng/ul	99
69) Phenanthrene	17.26	178	84354	1.39	ng/ul#	91
73) Di-n-butylphthalate	18.17	149	187737	2.69	ng/ul#	96
74) Fluoranthene	19.28	202	604018	7.88	ng/ul#	89
77) Pyrene	19.64	202	710747	14.53	ng/ul#	87
80) Benzo(a)anthracene	21.39	228	391284	7.62	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.30	149	78617	2.56	ng/ul	96
82) Chrysene	21.39	228	391284	8.46	ng/ul	94
85) Benzo(b)fluoranthene	23.03	252	487362	9.18	ng/ul#	83
86) Benzo(k)fluoranthene	23.03	252	487362	10.02	ng/ul#	84
88) Benzo(a)pyrene	23.63	252	330047	6.68	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.09	276	211323	3.95	ng/ul#	88
90) Dibenzo(a,h)anthracene	26.09	278	52556	1.15	ng/ul#	57
91) Benzo(g,h,i)perylene	26.82	276	200006	4.65	ng/ul#	91

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

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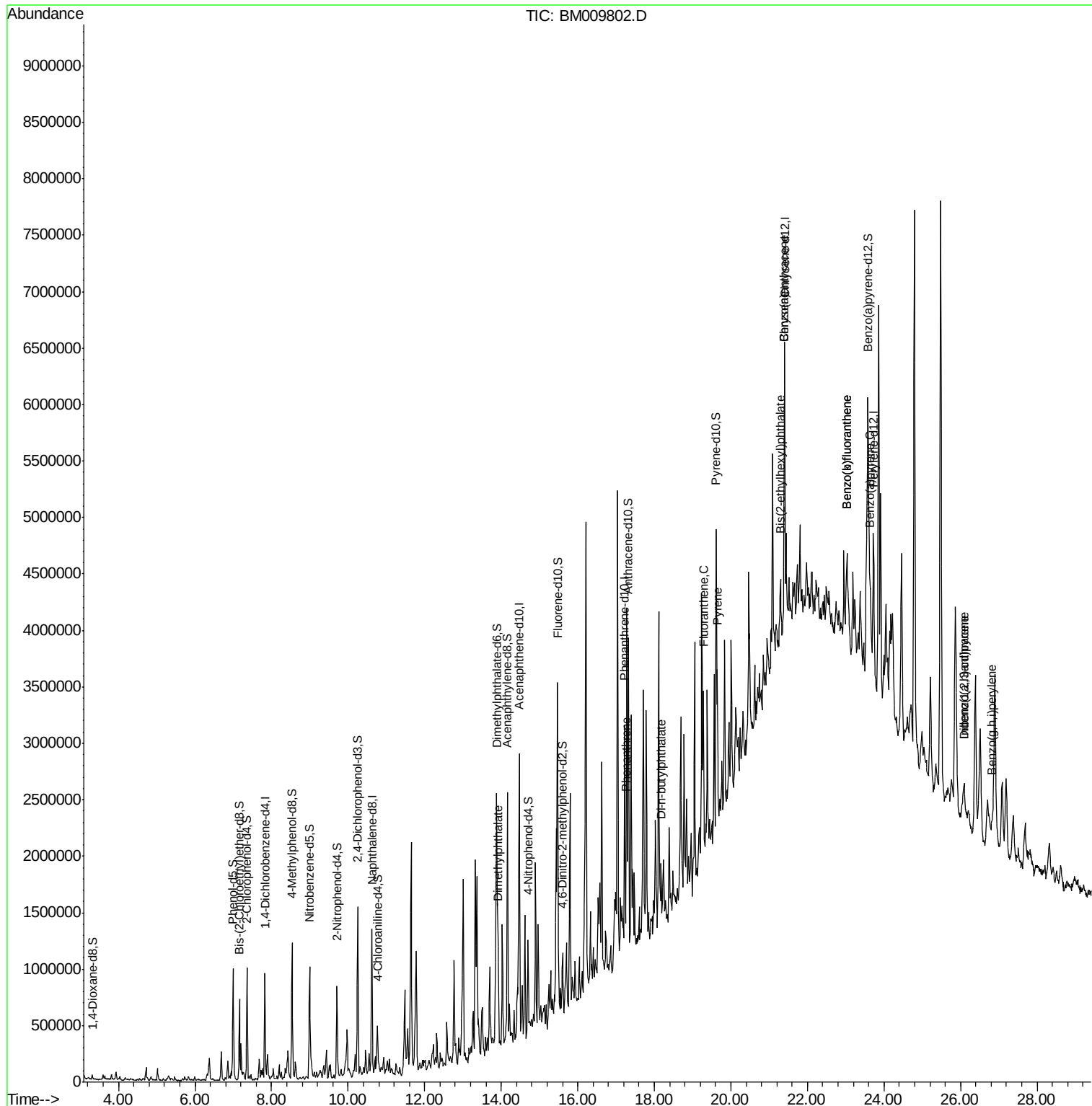
Quant Time: Apr 29 05:08:40 2017

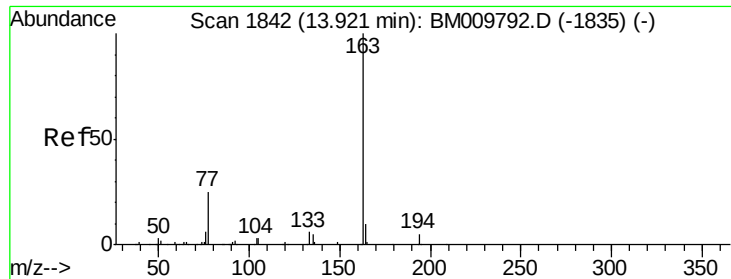
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration

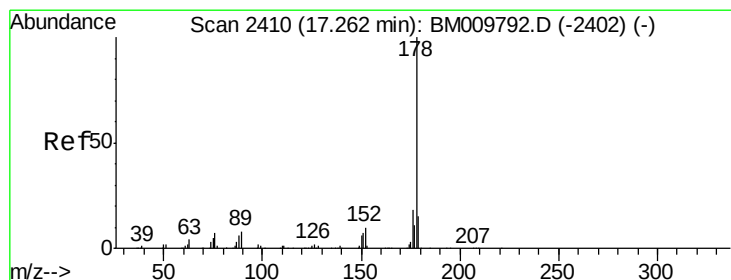
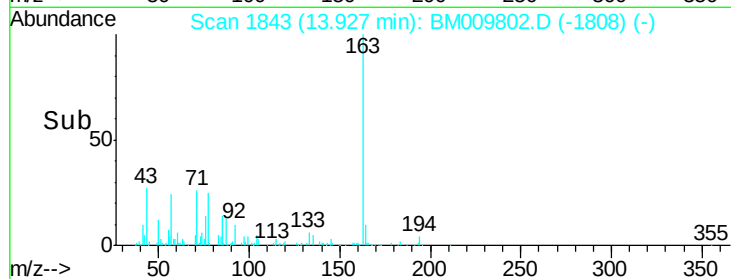
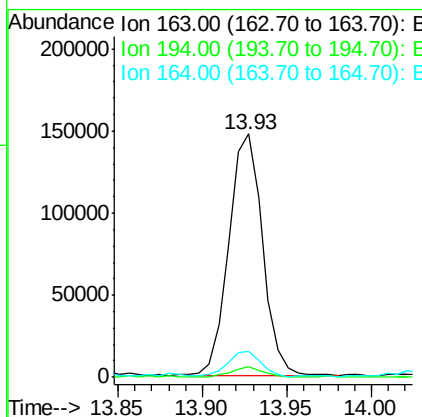
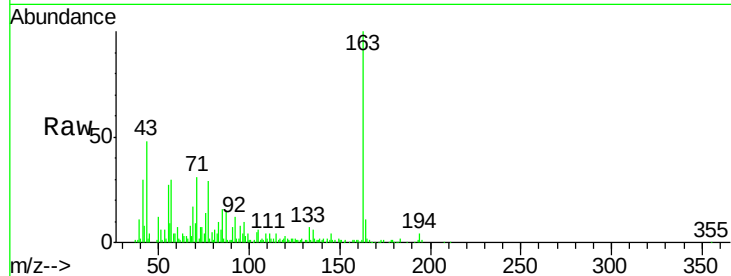




#44
Dimethylphthalate
Concen: 4.42 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

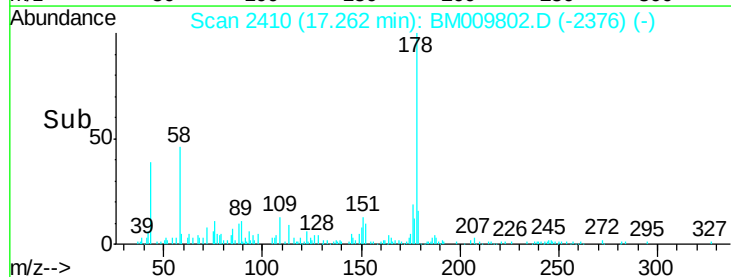
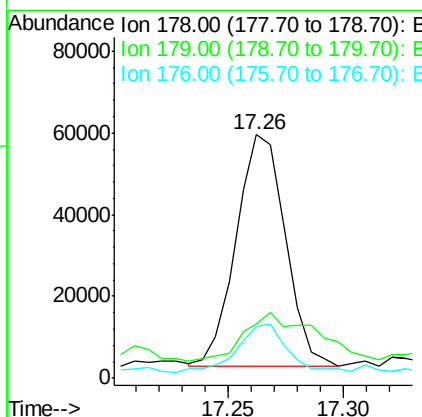
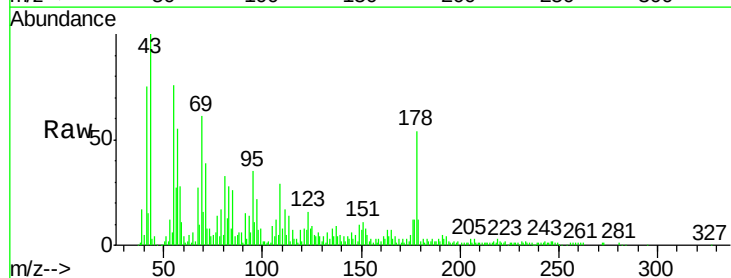
Instrument :
BNA_M
ClientSampleId :
JHSW3

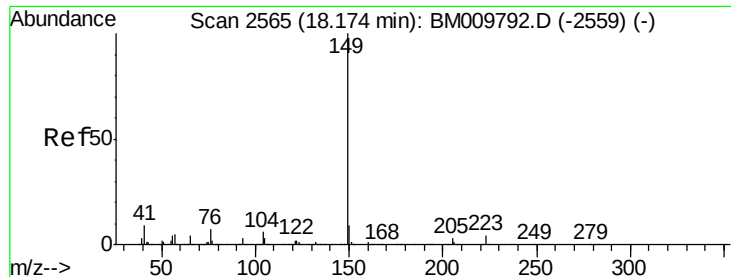
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.7	8.6	12.8



#69
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BM009802.D
Acq: 29 Apr 2017 04:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.4	12.6	19.0#
176	21.4	15.8	23.6





#73

Di-n-butylphthalate

Concen: 2.69 ng/ul

RT: 18.17 min Scan# 2565

Delta R.T. 0.00 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Instrument :

BNA_M

ClientSampleId :

JHSW3

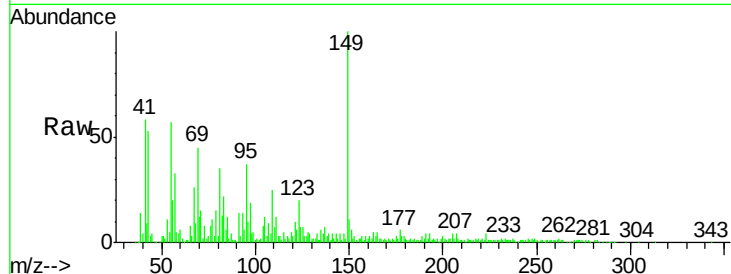
Tgt Ion:149 Resp: 187737

Ion Ratio Lower Upper

149 100

150 10.8 7.1 10.7#

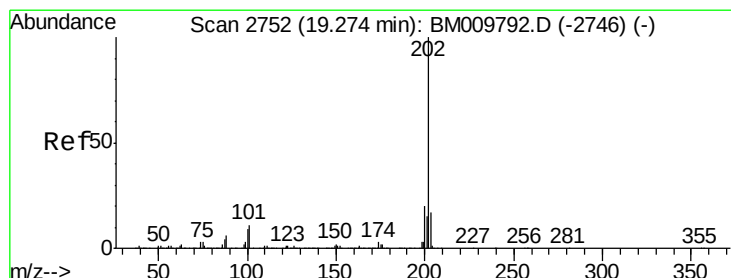
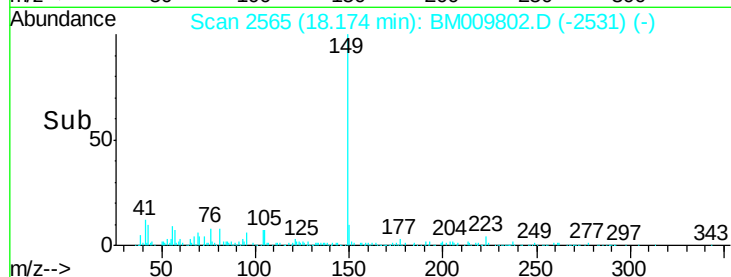
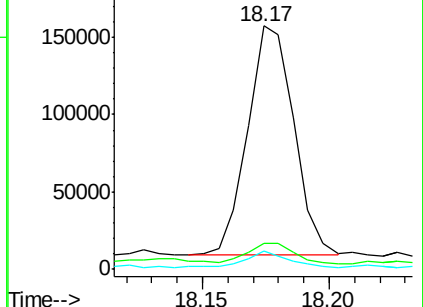
104 7.6 6.9 10.3



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: 7.88 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

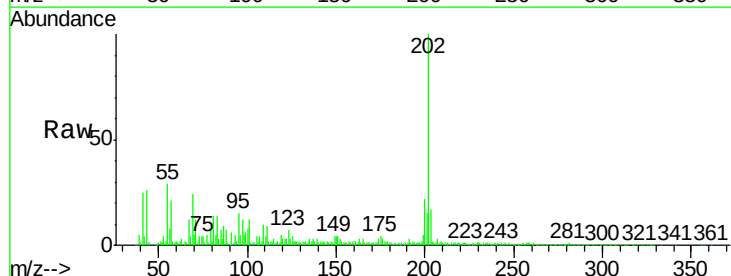
Tgt Ion:202 Resp: 604018

Ion Ratio Lower Upper

202 100

101 11.8 5.7 8.5#

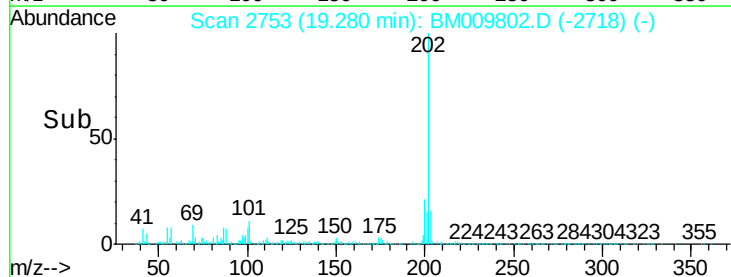
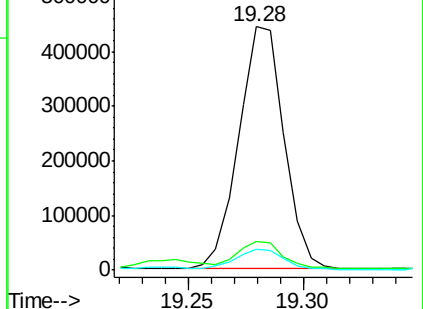
100 8.4 4.6 7.0#

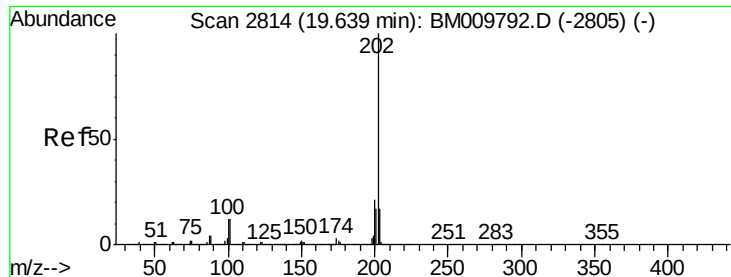


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 14.53 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Instrument :

BNA_M

ClientSampleId :

JHSW3

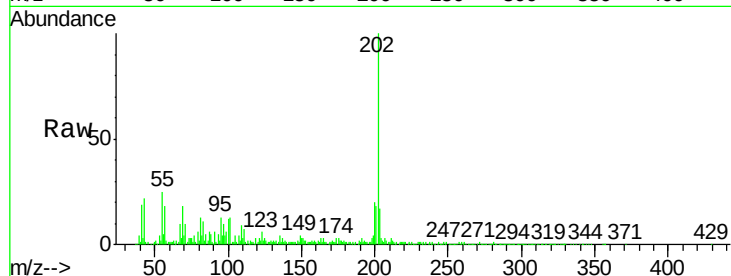
Tgt Ion:202 Resp: 710747

Ion Ratio Lower Upper

202 100

101 12.7 6.2 9.4#

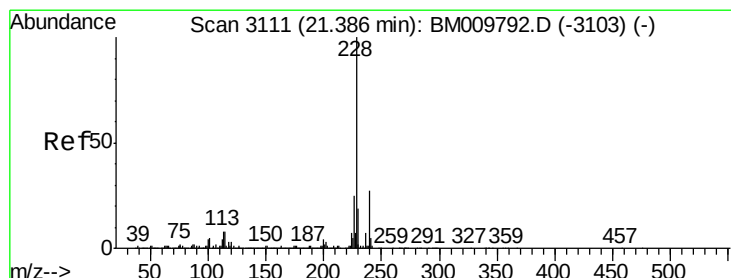
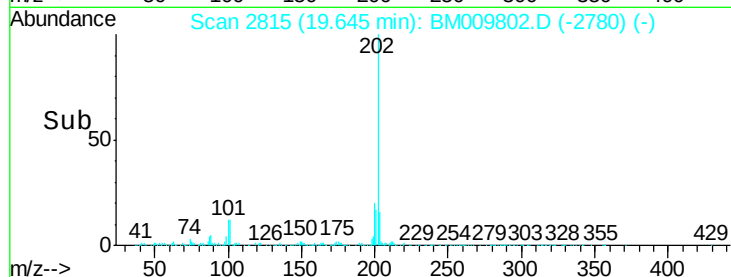
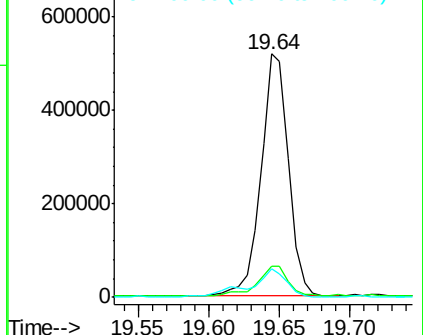
100 12.0 6.4 9.6#



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: 7.62 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

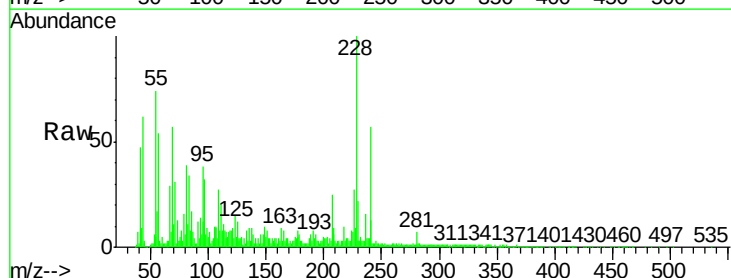
Tgt Ion:228 Resp: 391284

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.2

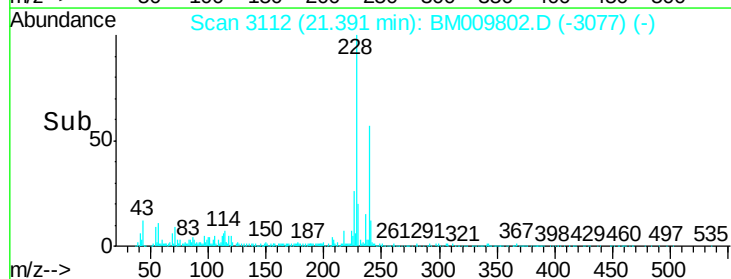
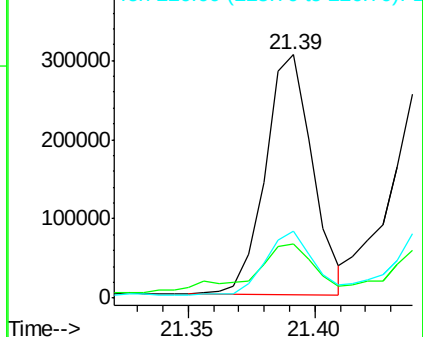
226 27.3 21.2 31.8

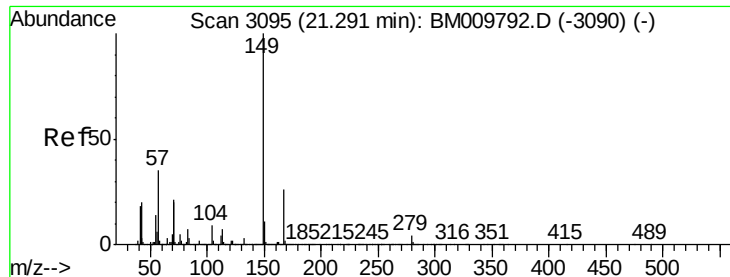


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 2.56 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Instrument :

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ClientSampleId :

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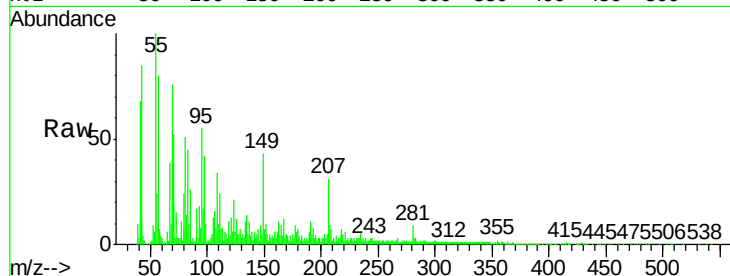
Tgt Ion:149 Resp: 78617

Ion Ratio Lower Upper

149 100

167 27.7 20.2 30.2

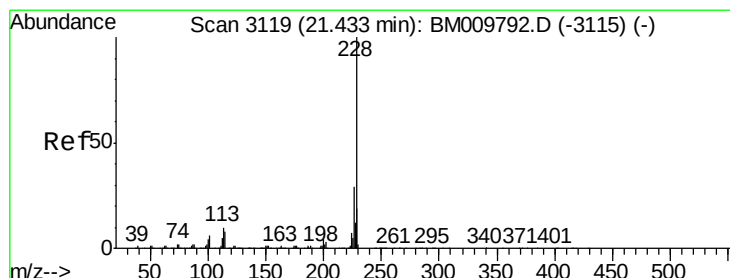
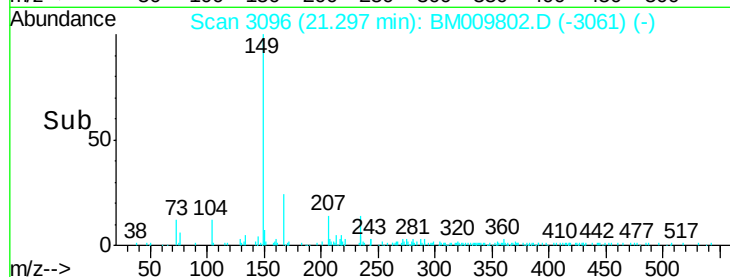
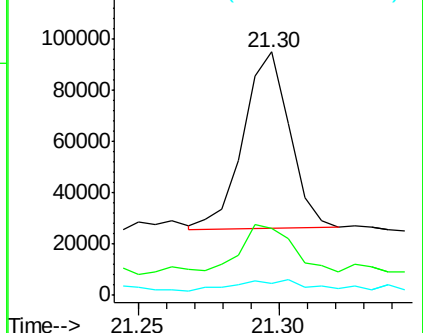
279 5.1 4.0 6.0



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: 8.46 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.04 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

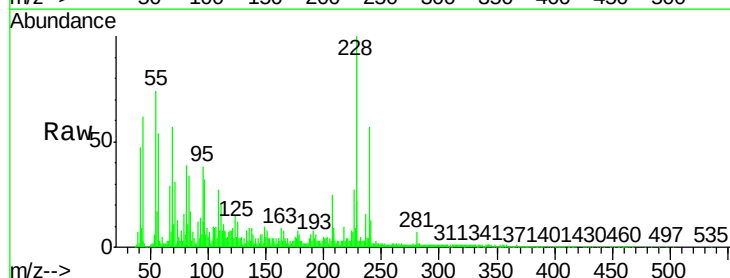
Tgt Ion:228 Resp: 391284

Ion Ratio Lower Upper

228 100

226 27.3 23.9 35.9

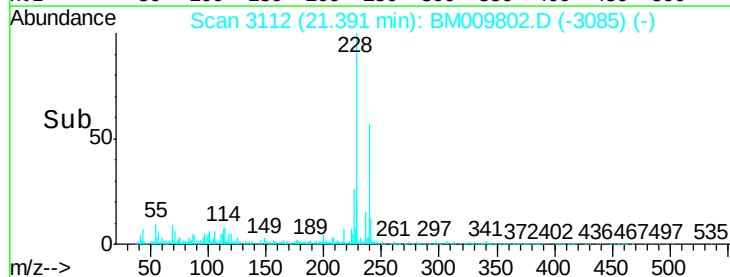
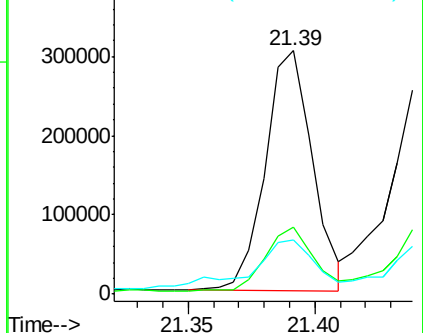
229 22.4 15.4 23.2

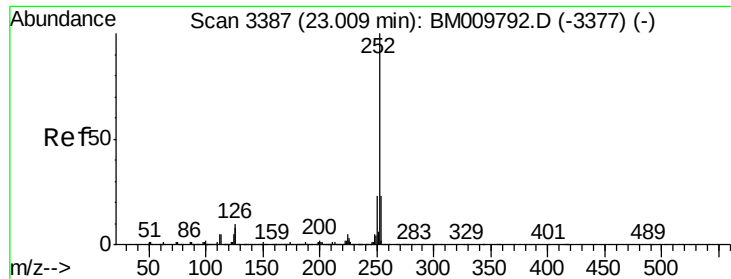


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 9.18 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.02 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

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ClientSampleId :

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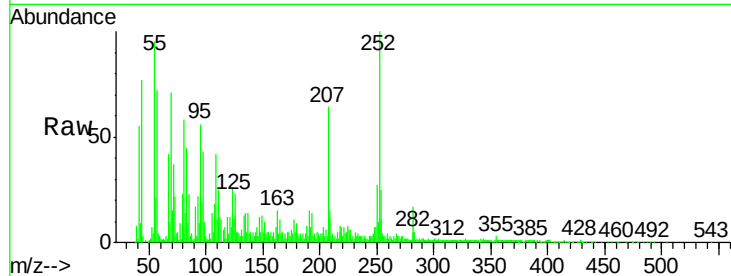
Tgt Ion:252 Resp: 487362

Ion Ratio Lower Upper

252 100

253 25.3 17.0 25.4

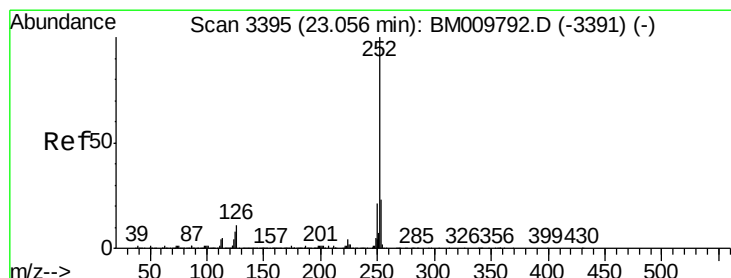
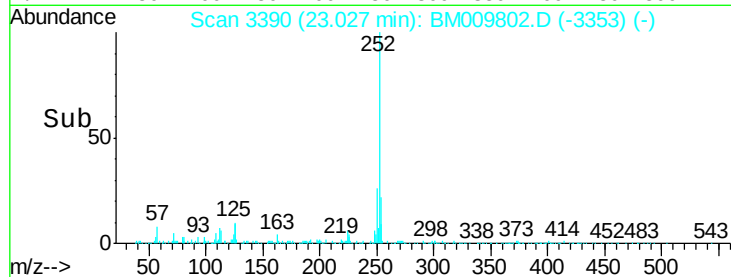
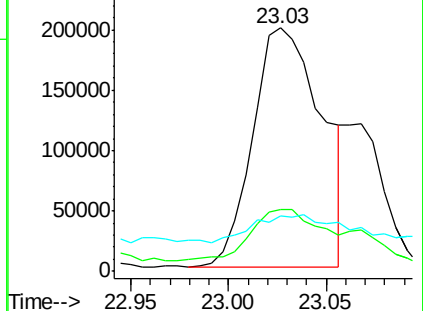
125 22.5 3.7 5.5#



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: 10.02 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.03 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

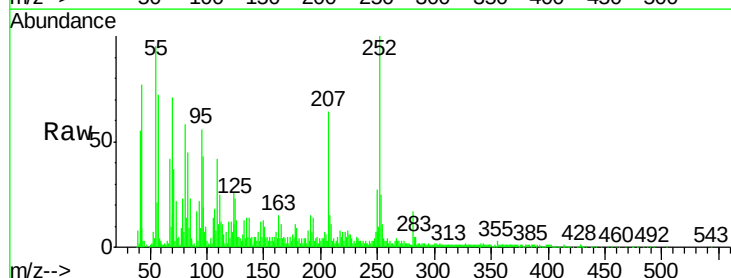
Tgt Ion:252 Resp: 487362

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.0

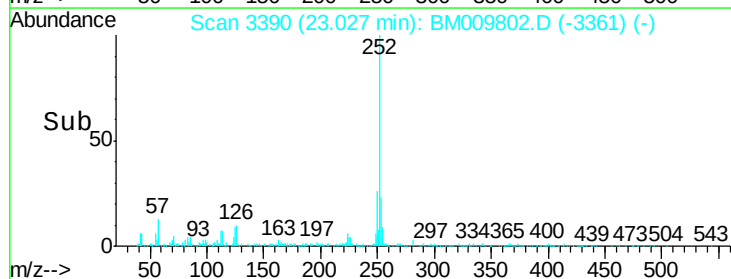
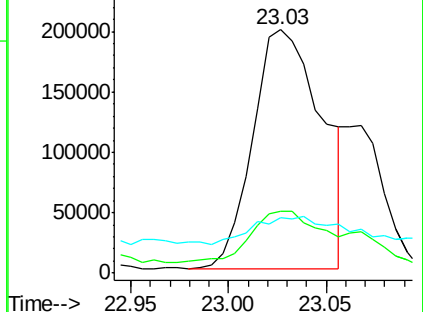
125 22.5 3.8 5.8#

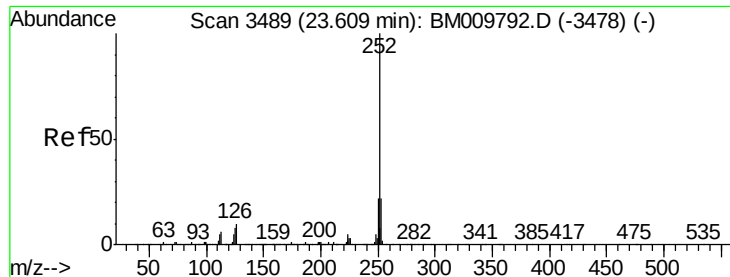


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 6.68 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.02 min

Lab File: BM009802.D

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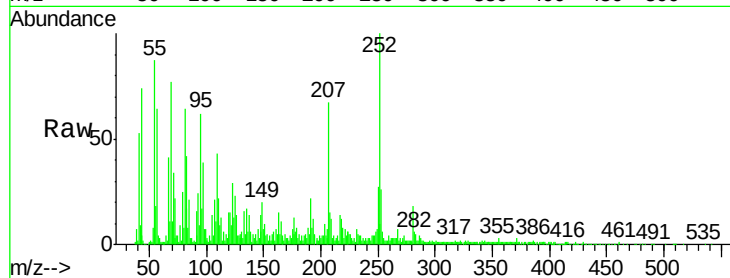
Tgt Ion:252 Resp: 330047

Ion Ratio Lower Upper

252 100

253 26.4 17.4 26.0#

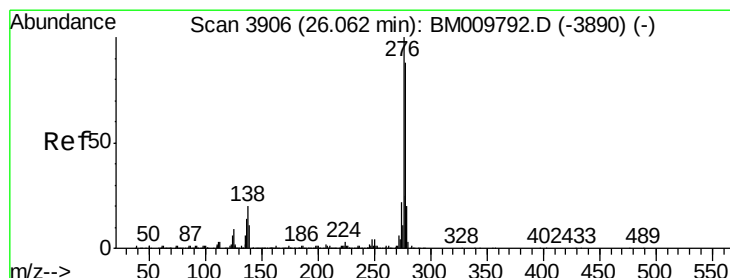
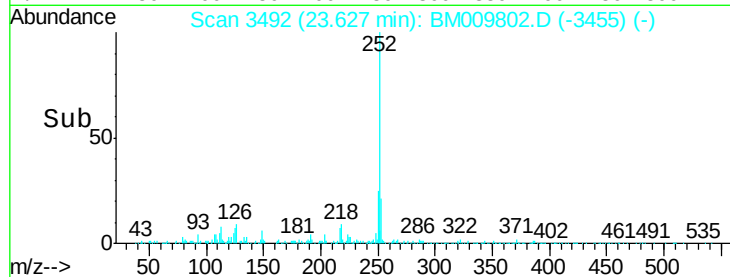
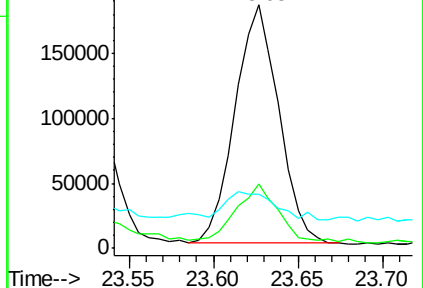
125 22.5 3.7 5.5#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.95 ng/ul

RT: 26.09 min Scan# 3911

Delta R.T. 0.03 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

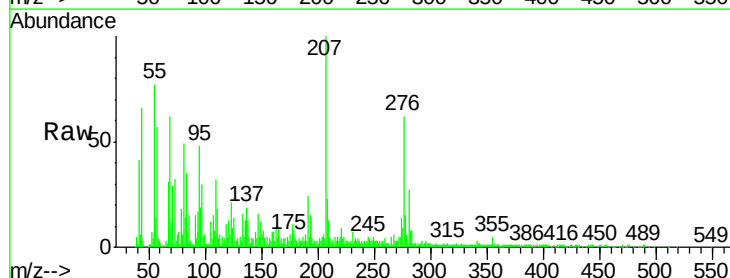
Tgt Ion:276 Resp: 211323

Ion Ratio Lower Upper

276 100

138 21.2 8.2 12.2#

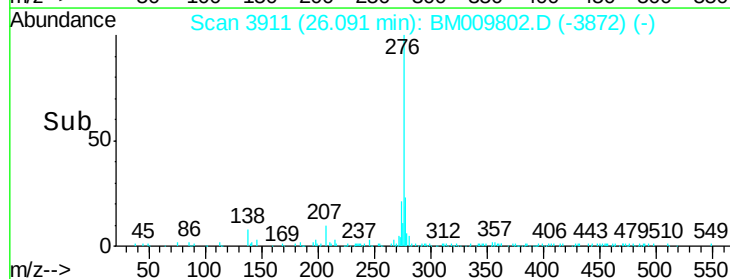
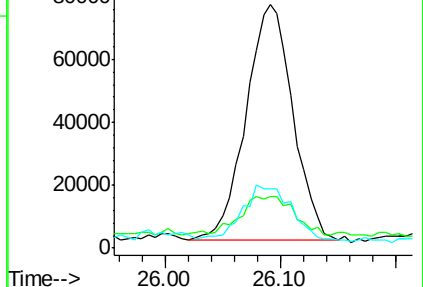
277 24.3 21.5 32.3

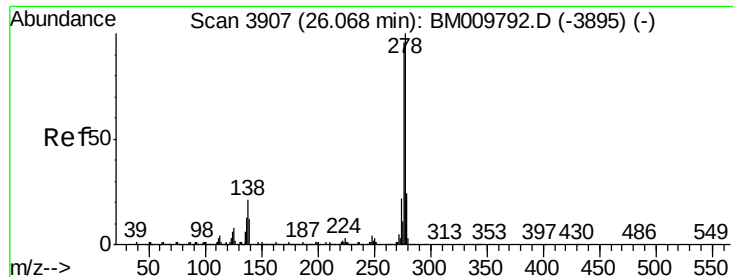


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.15 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. 0.02 min

Lab File: BM009802.D

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BNA_M

ClientSampleId :

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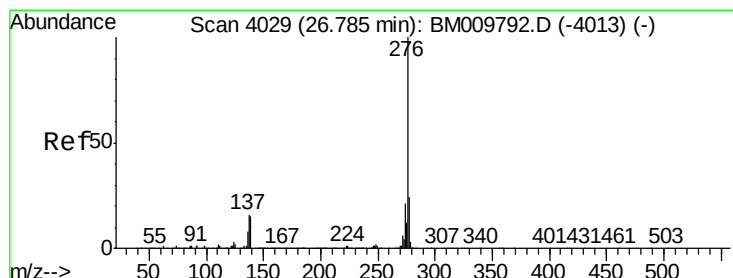
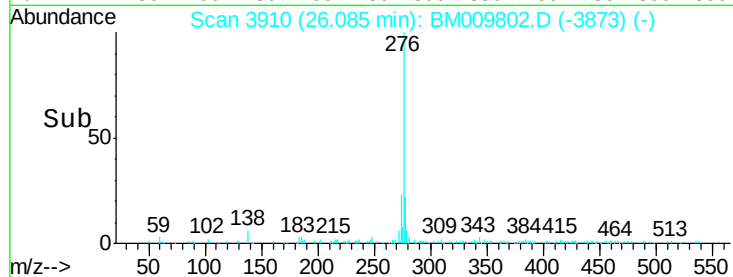
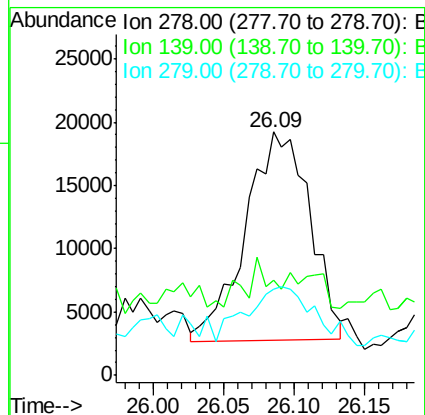
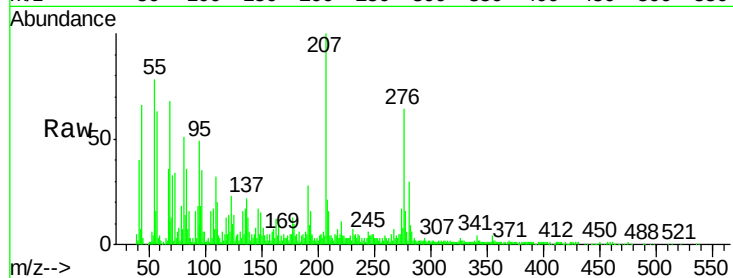
Tgt Ion:278 Resp: 52556

Ion Ratio Lower Upper

278 100

139 39.3 5.8 8.8#

279 35.4 17.9 26.9#



#91

Benzo(g,h,i)perylene

Concen: 4.65 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BM009802.D

Acq: 29 Apr 2017 04:14

Tgt Ion:276 Resp: 200006

Ion Ratio Lower Upper

276 100

138 20.8 7.0 10.4#

277 23.8 19.0 28.6

