

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012205.D
 Acq On : 15 Oct 2017 12:47
 Operator : SJ/JU
 Sample : I5548-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Quant Time: Oct 16 02:02:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	186325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	810041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	535489	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1285593	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1136787	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1046629	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11392	2.91	ng/uL	0.00
5) Phenol-d5	6.99	99	217660	14.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	134062	14.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	212495	16.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	124294	9.55	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	105379	17.05	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	117921	16.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	227339	16.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	90731	7.03	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	826160	17.46	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1018825	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	59985	8.43	ng/ul	0.02
57) Fluorene-d10	15.46	176	743456	19.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	40543	4.60	ng/ul	0.01
70) Anthracene-d10	17.32	188	1154584	18.16	ng/ul	0.00
76) Pyrene-d10	19.61	212	1224402	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	916569	18.17	ng/ul	0.02

Target Compounds

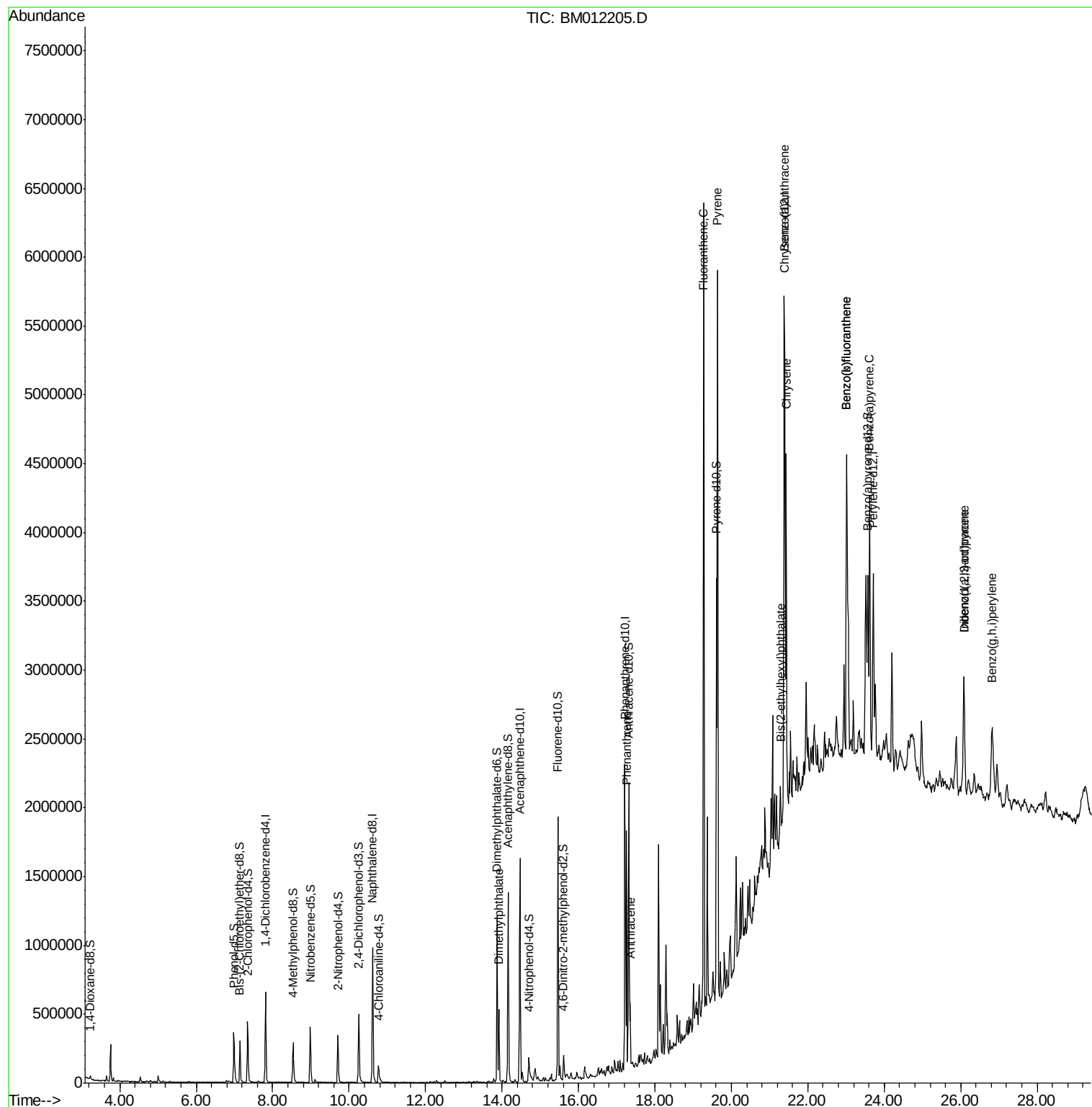
					Ovalue	
44) Dimethylphthalate	13.92	163	345287	7.282	ng/ul	98
69) Phenanthrene	17.26	178	1010479	13.817	ng/ul	99
71) Anthracene	17.35	178	285075	3.765	ng/ul	98
74) Fluoranthene	19.28	202	3550070	40.224	ng/ul#	96
77) Pyrene	19.64	202	3361099	44.770	ng/ul#	95
80) Benzo(a)anthracene	21.38	228	1729459	23.381	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	92005	1.835	ng/ul#	95
82) Chrysene	21.43	228	1506505	21.693	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1910596	27.973	ng/ul#	96
86) Benzo(k)fluoranthene	23.02	252	1910596	29.027	ng/ul#	95
88) Benzo(a)pyrene	23.61	252	1341345	20.836	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	851971	12.463	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	216646	3.770	ng/ul#	82
91) Benzo(g,h,i)perylene	26.82	276	711025	12.699	ng/ul#	92

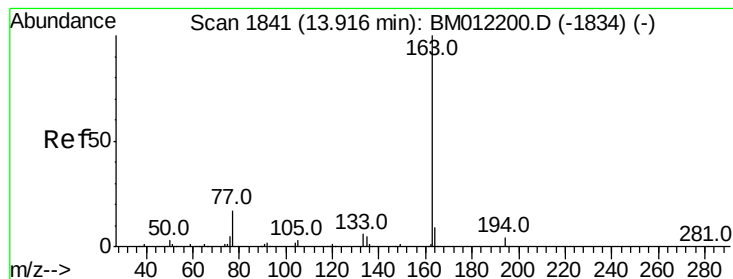
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.282 ng/ul

RT: 13.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

ClientSampleId :

C0AD1

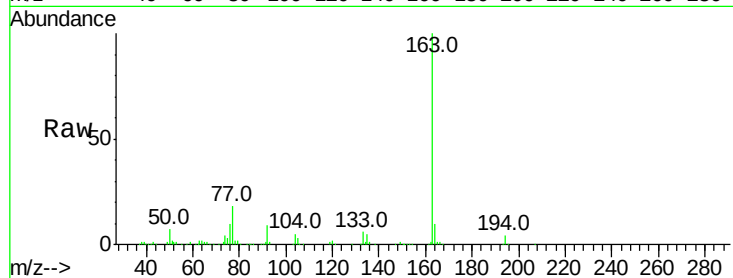
Tot Ion:163 Resp: 345287

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

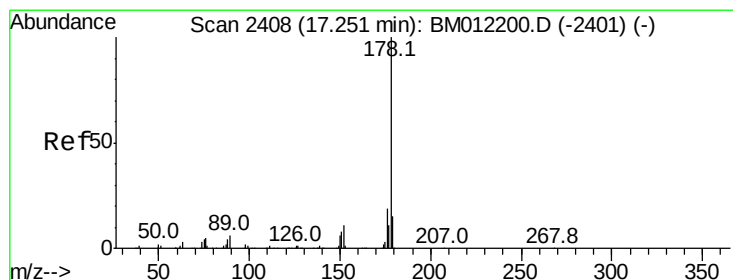
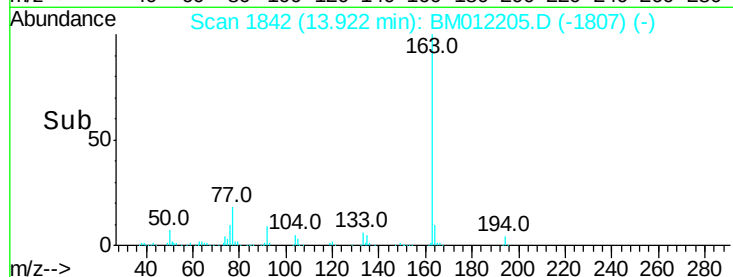
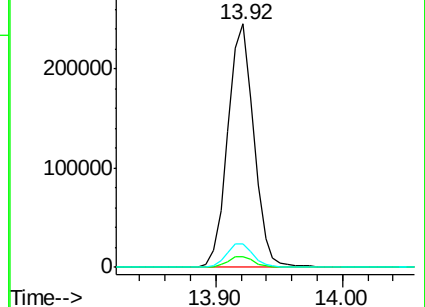
164 9.5 8.2 12.4



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



#69

Phenanthrene

Concen: 13.817 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

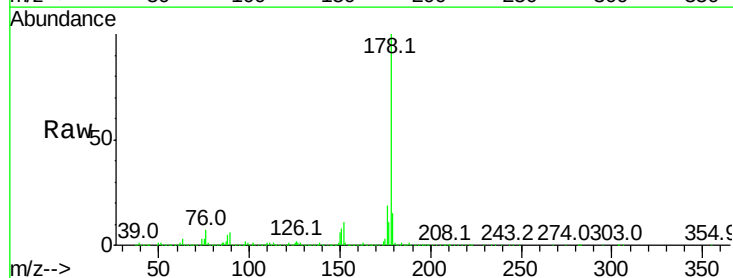
Tgt Ion:178 Resp: 1010479

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

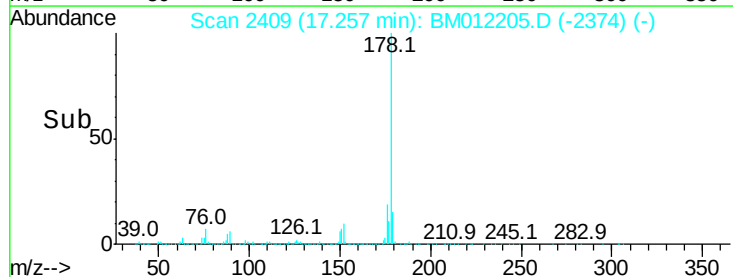
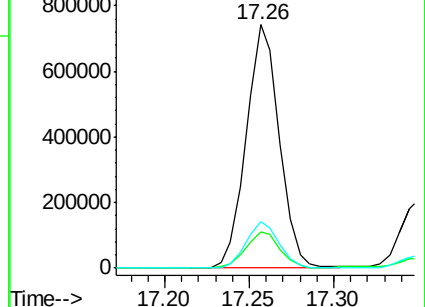
176 19.1 14.9 22.3

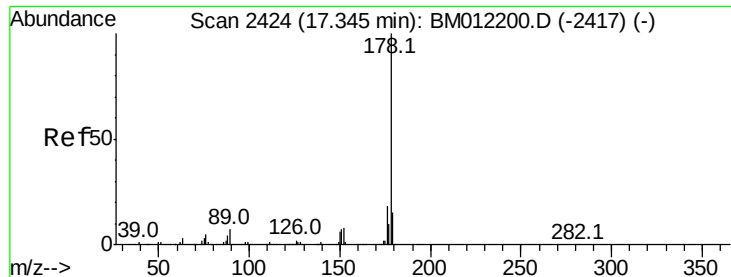


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 3.765 ng/ul

RT: 17.35 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

ClientSampleId :

C0AD1

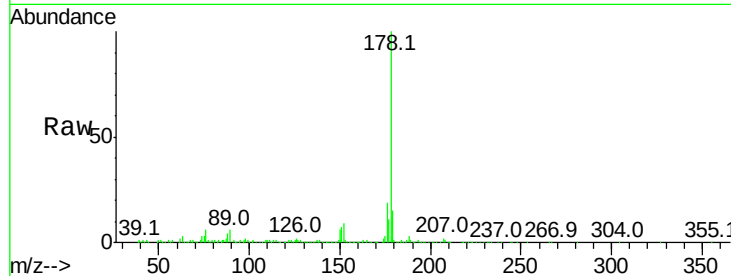
Tot Ion:178 Resp: 285075

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

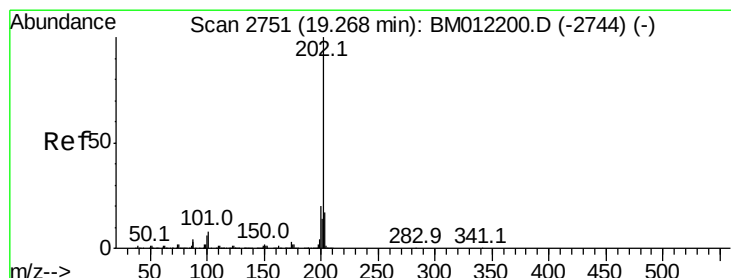
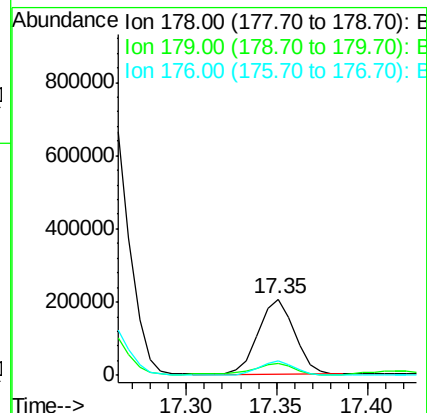
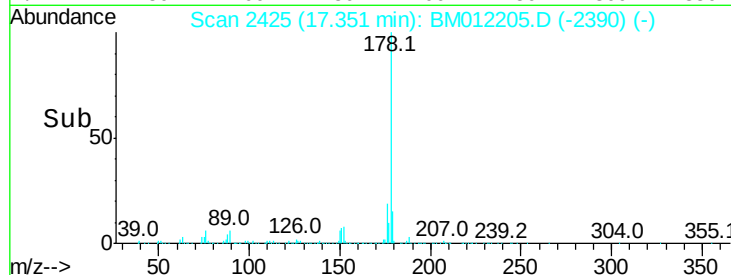
176 19.1 14.6 21.8



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



#74

Fluoranthene

Concen: 40.224 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

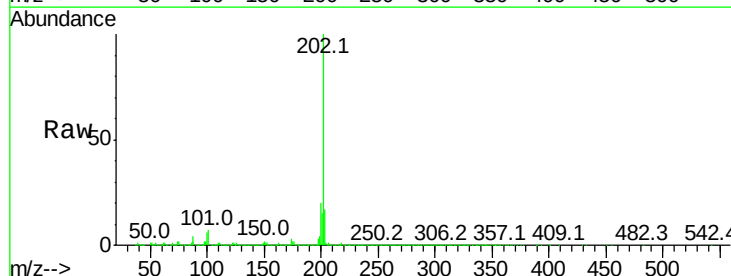
Tgt Ion:202 Resp: 3550070

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

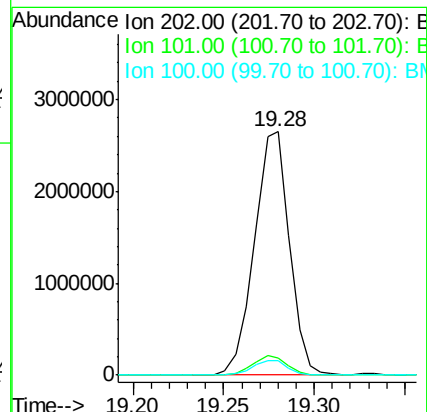
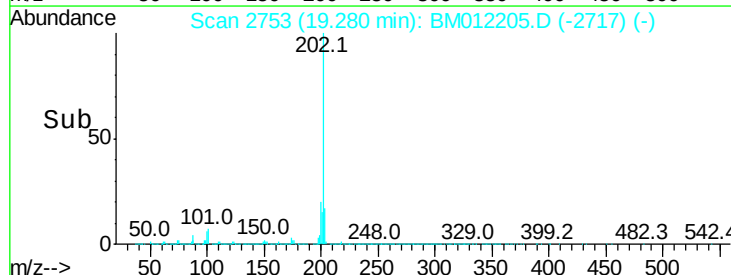
100 5.9 3.4 5.2#

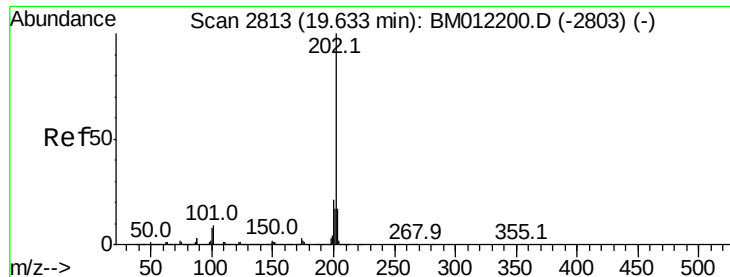


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 44.770 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

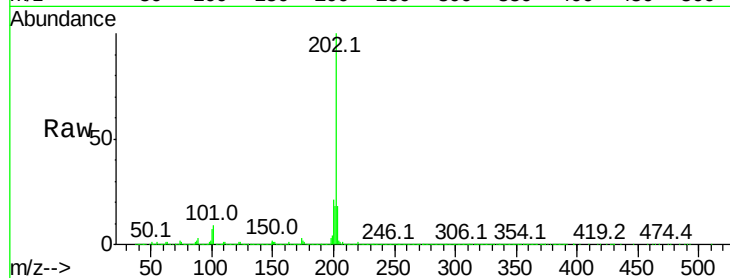
BNA_M

ClientSampleId :

C0AD1

Tot Ion:202 Resp: 3361099

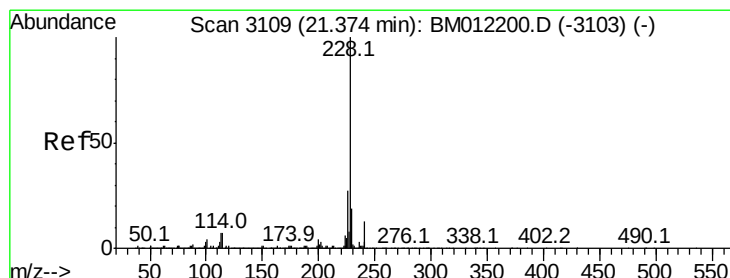
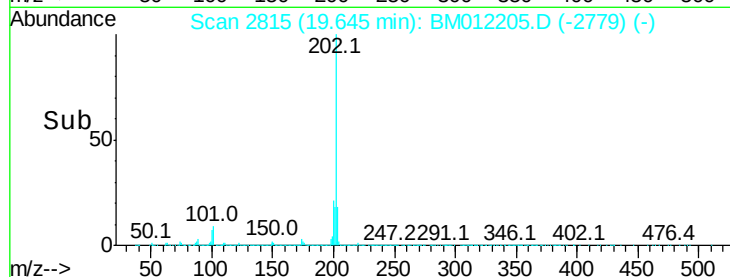
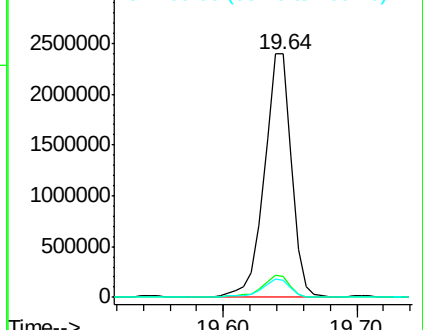
Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	7.2	4.9	7.3



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: 23.381 ng/ul

RT: 21.38 min Scan# 3110

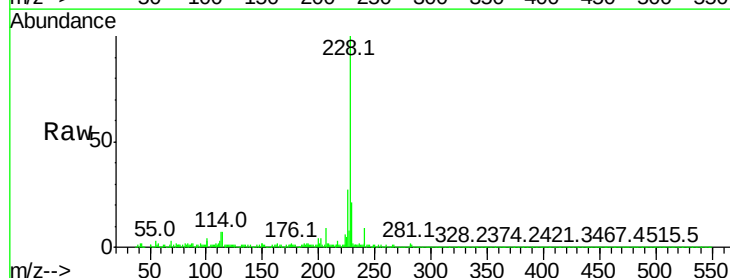
Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Tgt Ion:228 Resp: 1729459

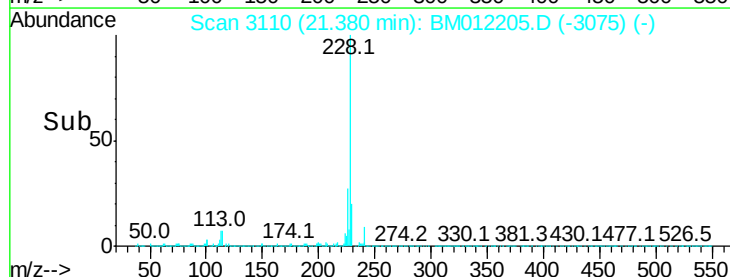
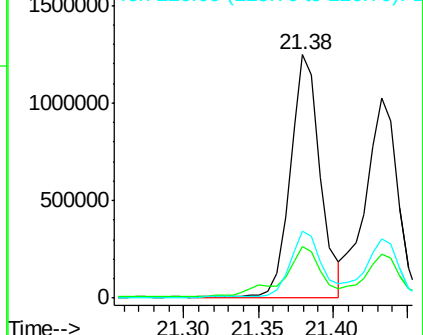
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.3	21.4	32.0

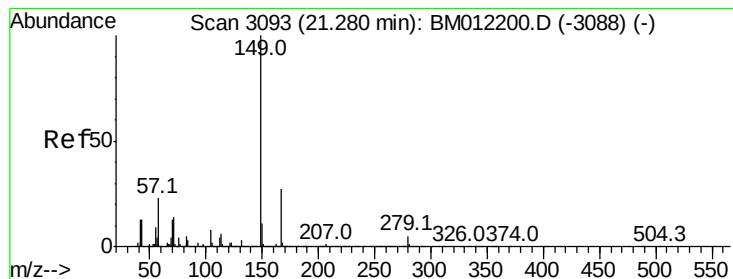


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.835 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

ClientSampleId :

C0AD1

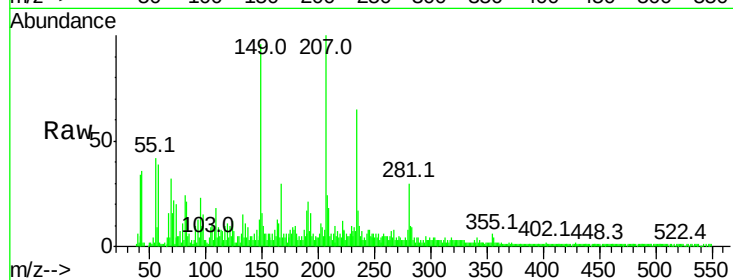
Tot Ion:149 Resp: 92005

Ion Ratio Lower Upper

149 100

167 31.2 22.8 34.2

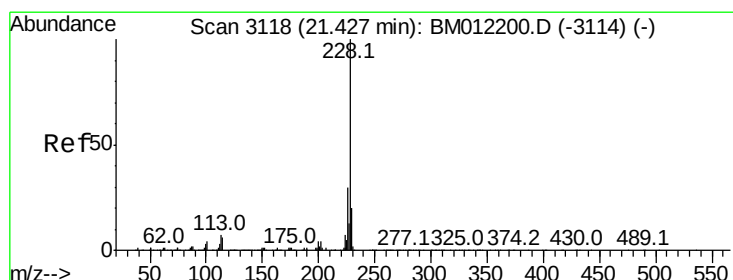
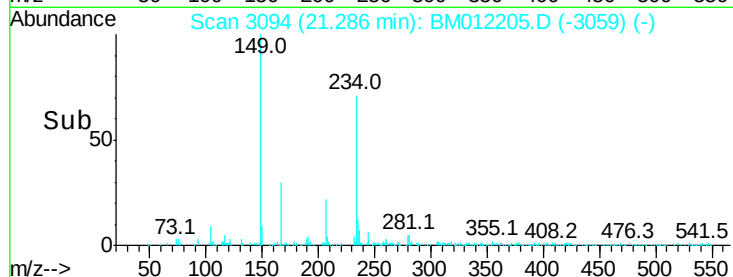
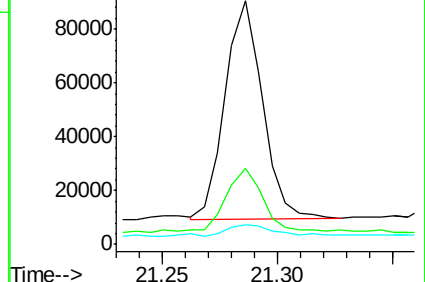
279 7.8 4.9 7.3#



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: 21.693 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

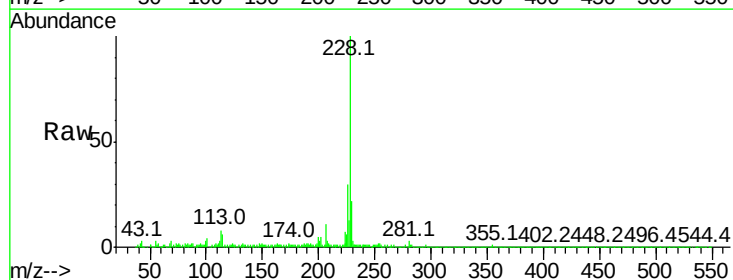
Tgt Ion:228 Resp: 1506505

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

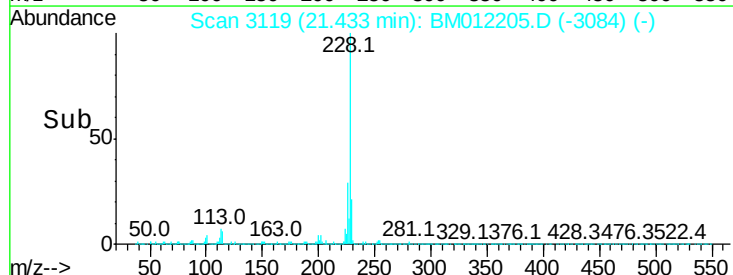
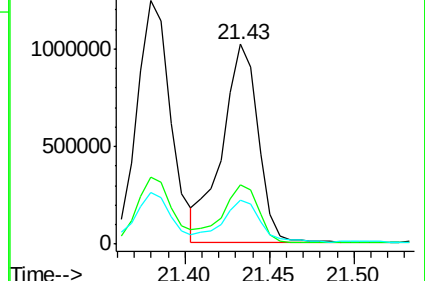
229 22.2 15.5 23.3

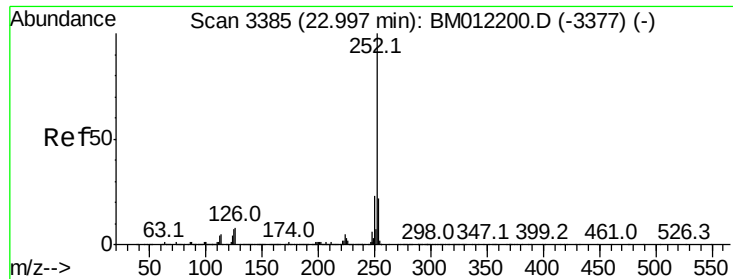


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 27.973 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. 0.02 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Instrument :

BNA_M

ClientSampleId :

C0AD1

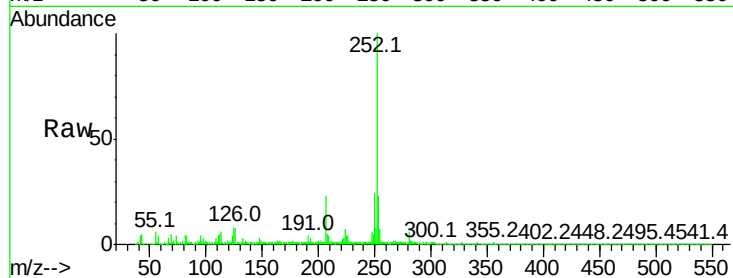
Tot Ion:252 Resp: 1910596

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

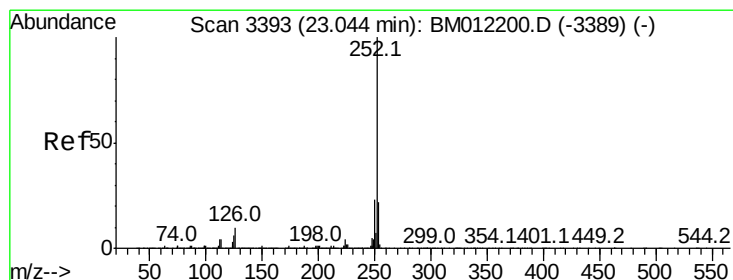
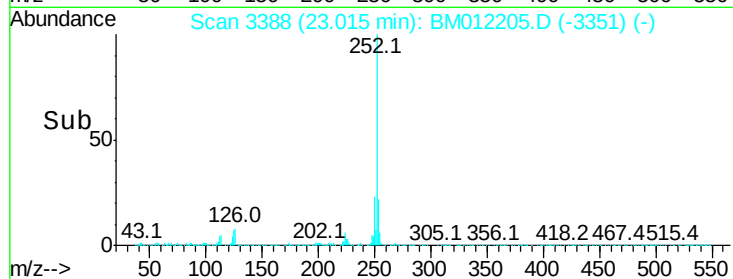
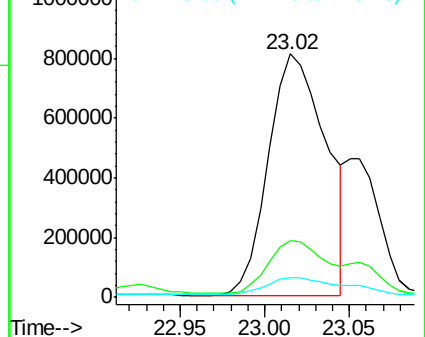
125 8.2 3.6 5.4#



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: 29.027 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. -0.03 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

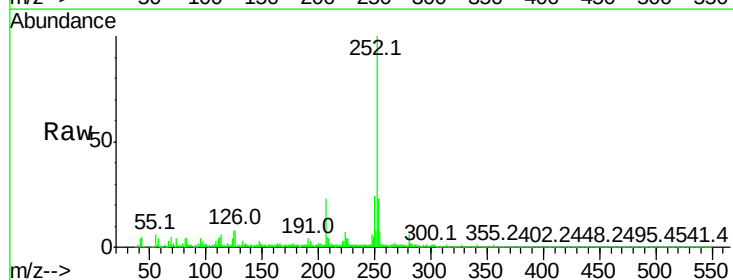
Tgt Ion:252 Resp: 1910596

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

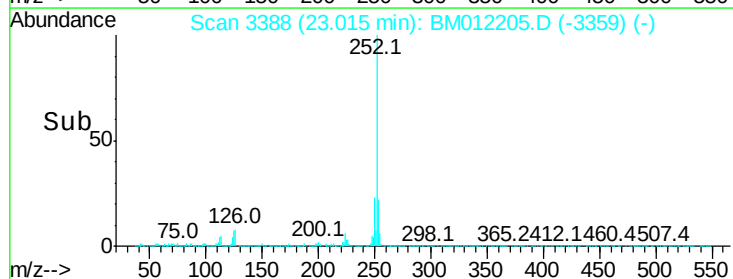
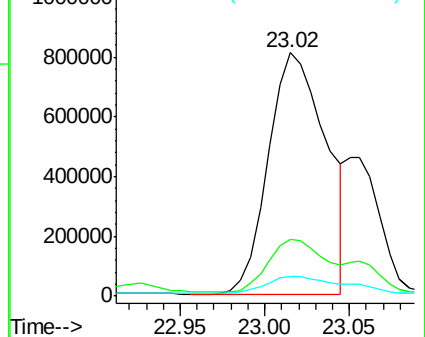
125 8.2 3.4 5.2#

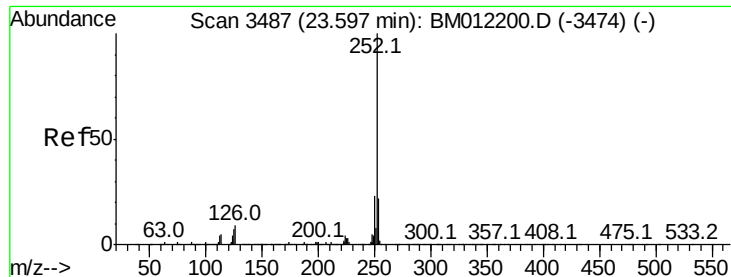


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.836 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. 0.02 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

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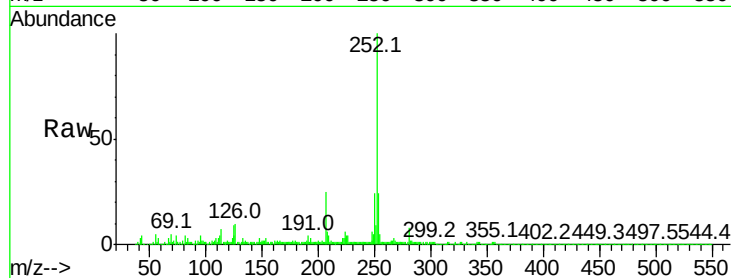
Tot Ion:252 Resp: 1341345

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	8.6	4.0	6.0#

252 100

253 23.7 18.2 27.2

125 8.6 4.0 6.0#



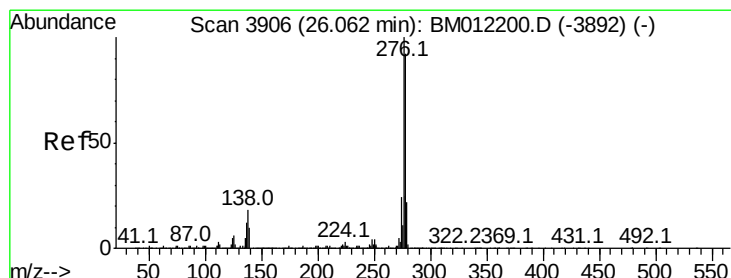
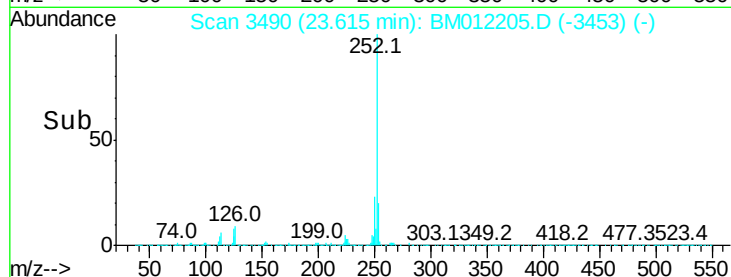
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.61

Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 12.463 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. 0.02 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

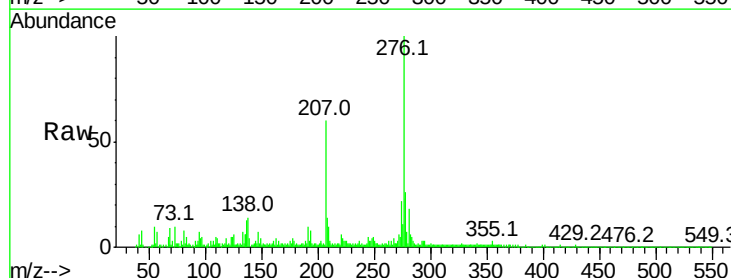
Tgt Ion:276 Resp: 851971

Ion	Ratio	Lower	Upper
276	100		
138	14.5	9.3	13.9#
277	25.8	19.9	29.9

276 100

138 14.5 9.3 13.9#

277 25.8 19.9 29.9



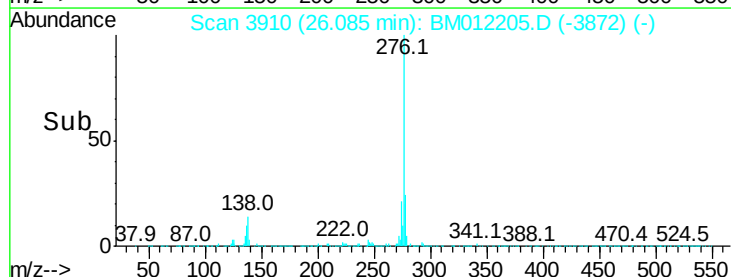
Abundance Ion 276.00 (275.70 to 276.70): E

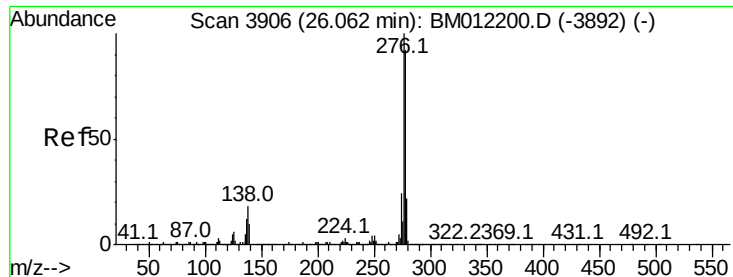
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.09

Time-->





#90

Dibenzo(a,h)anthracene

Concen: 3.770 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. 0.02 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

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C0AD1

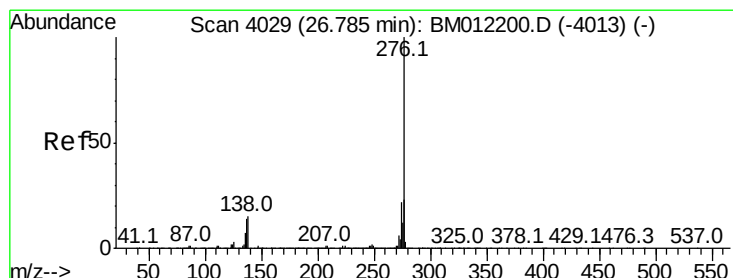
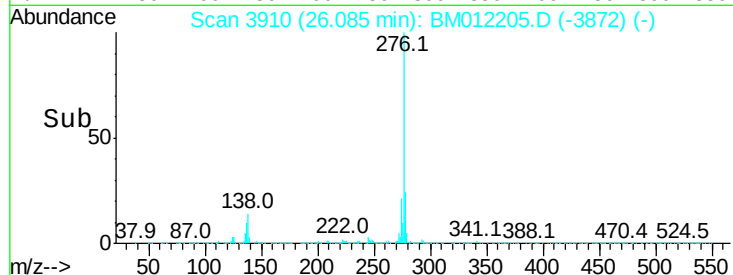
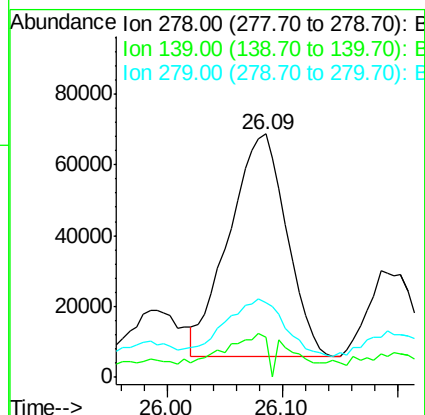
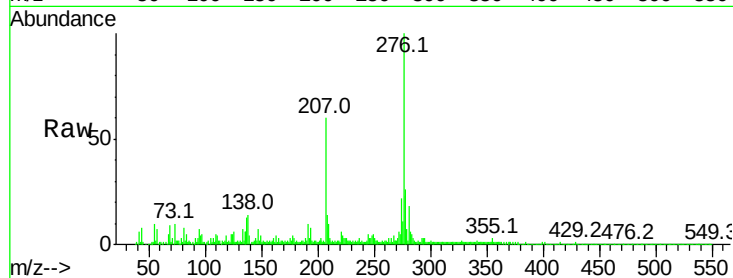
Tot Ion:278 Resp: 216646

Ion Ratio Lower Upper

278 100

139 16.7 5.8 8.8#

279 30.6 18.6 27.8#



#91

Benzo(g,h,i)perylene

Concen: 12.699 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BM012205.D

Acq: 15 Oct 2017 12:47

Tgt Ion:276 Resp: 711025

Ion Ratio Lower Upper

276 100

138 15.9 8.5 12.7#

277 25.7 18.6 28.0

