

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101217\
 Data File : BM012127.D
 Acq On : 13 Oct 2017 08:16
 Operator : SJ/JU
 Sample : I5568-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 13 18:48:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	294109	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1183307	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.51	164	631503	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.26	188	1205604	20.00	ng/ul	0.03
75) Chrysene-d12	21.44	240	1429250	20.00	ng/ul	0.04
83) Perylene-d12	23.79	264	1575884	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20601	3.33	ng/uL	0.01
5) Phenol-d5	7.03	99	495331	20.76	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.17	67	320556	22.40	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	445198	21.99	ng/ul	0.03
13) 4-Methylphenol-d8	8.57	113	402842	19.61	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	209994	23.25	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	193784	18.37	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.29	165	445877	22.13	ng/ul	0.04
29) 4-Chloroaniline-d4	10.80	131	331988	17.61	ng/ul	0.03
43) Dimethylphthalate-d6	13.91	166	1351318	24.21	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1617245	23.94	ng/ul	0.03
51) 4-Nitrophenol-d4	14.74	143	98812	11.78	ng/ul	0.05
57) Fluorene-d10	15.50	176	1053550	23.00	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.63	200	111	0.01	ng/ul	0.02
70) Anthracene-d10	17.36	188	1442732	24.20	ng/ul	0.04
76) Pyrene-d10	19.65	212	1551327	21.38	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.63	264	1727771	22.74	ng/ul	0.06

Target Compounds

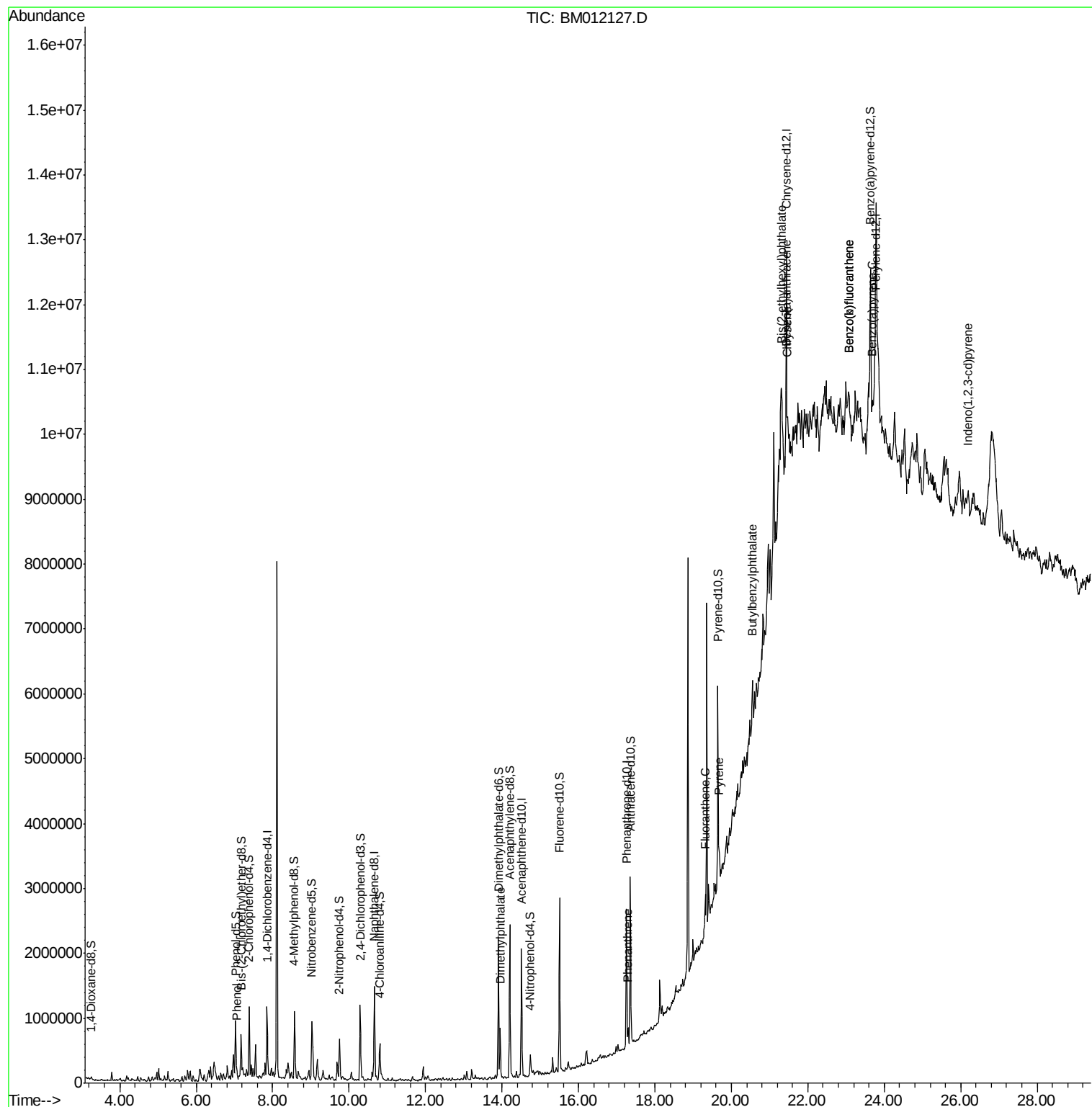
				Ovalue	
6) Phenol	7.06	94	31975	1.296	ng/ul 91
44) Dimethylphthalate	13.96	163	411797	7.364	ng/ul 100
69) Phenanthrene	17.30	178	175546	2.560	ng/ul 97
74) Fluoranthene	19.32	202	323504	3.909	ng/ul# 92
77) Pyrene	19.69	202	339557	3.597	ng/ul# 91
78) Butylbenzylphthalate	20.56	149	54892	1.306	ng/ul# 86
80) Benzo(a)anthracene	21.42	228	224729	2.416	ng/ul# 73
81) Bis(2-ethylhexyl)phthalate	21.32	149	137887	2.187	ng/ul# 80
82) Chrysene	21.47	228	230511	2.640	ng/ul# 73
85) Benzo(b)fluoranthene	23.07	252	367297	3.572	ng/ul# 55
86) Benzo(k)fluoranthene	23.07	252	367297	3.706	ng/ul# 53
88) Benzo(a)pyrene	23.69	252	234828	2.423	ng/ul# 51
89) Indeno(1,2,3-cd)pyrene	26.20	276	179632	1.745	ng/ul# 55

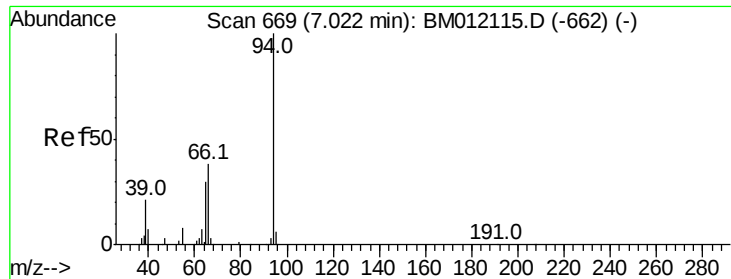
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.296 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.04 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampled :

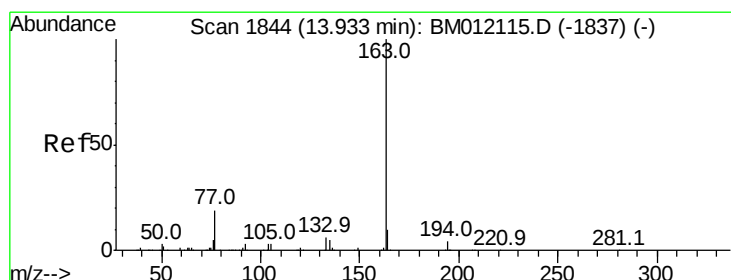
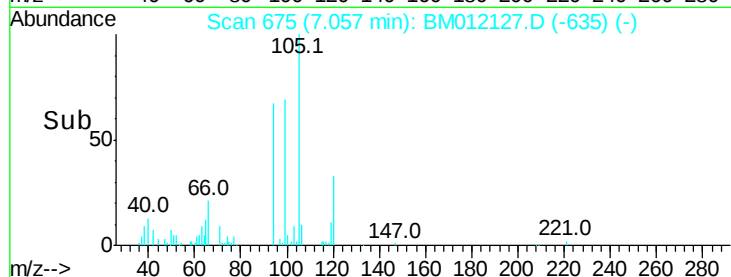
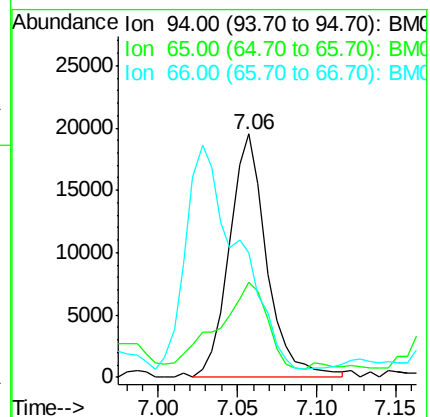
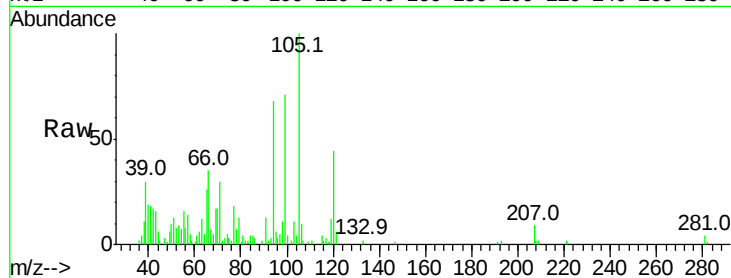
Tot Ion: 94 Resp: 31975

Ion Ratio Lower Upper

94 100

65 39.0 28.2 42.4

66 51.4 47.2 70.8



#44

Dimethylphthalate

Concen: 7.364 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. 0.02 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

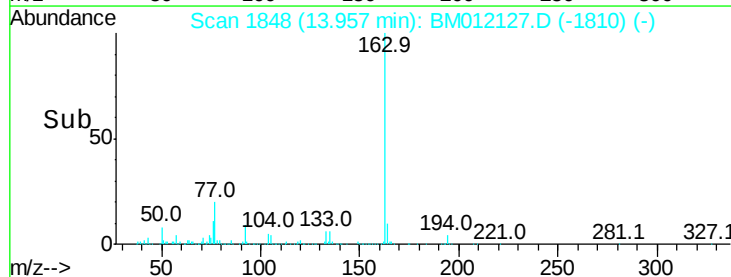
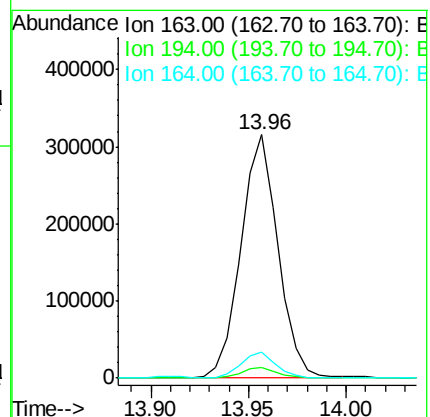
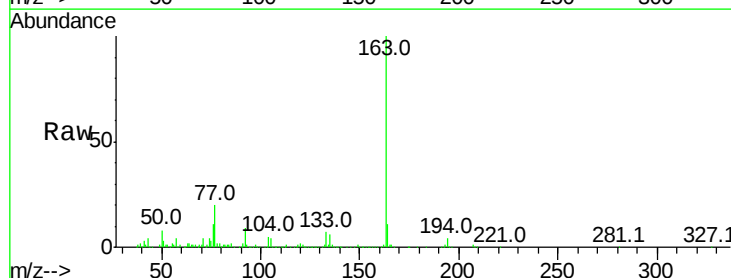
Tgt Ion: 163 Resp: 411797

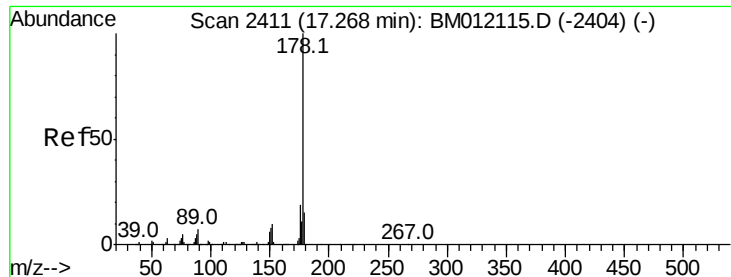
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.5 8.2 12.4





#69

Phenanthrene

Concen: 2.560 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.03 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampleId :

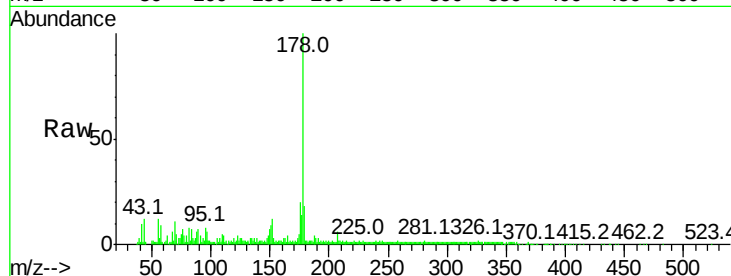
Tot Ion:178 Resp: 175546

Ion Ratio Lower Upper

178 100

179 17.6 12.6 19.0

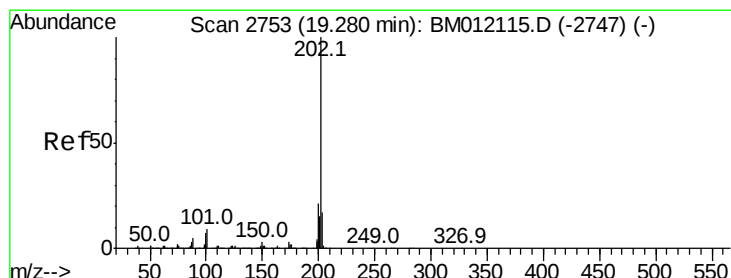
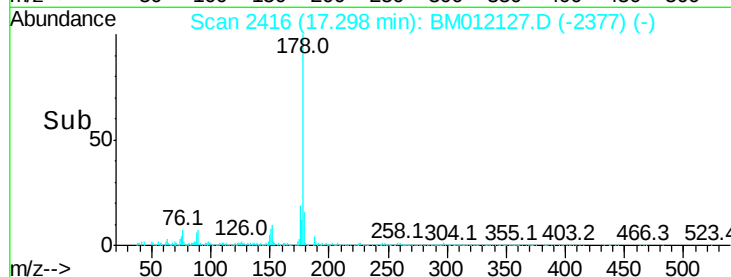
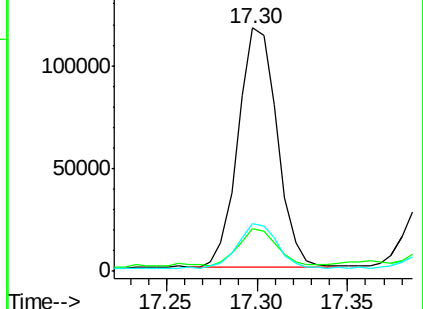
176 19.8 14.9 22.3



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



#74

Fluoranthene

Concen: 3.909 ng/ul

RT: 19.32 min Scan# 2759

Delta R.T. 0.04 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

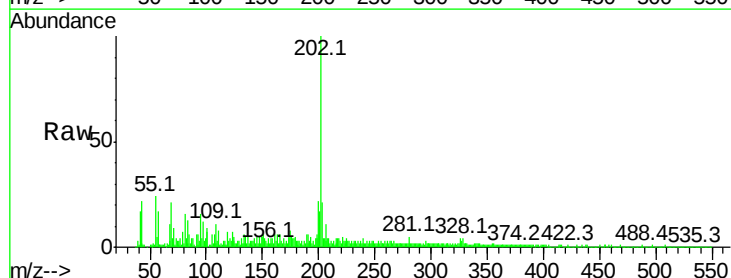
Tgt Ion:202 Resp: 323504

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

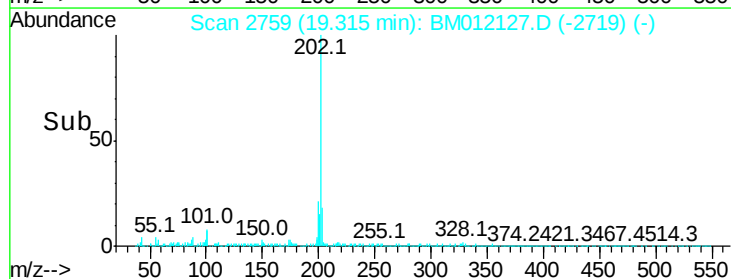
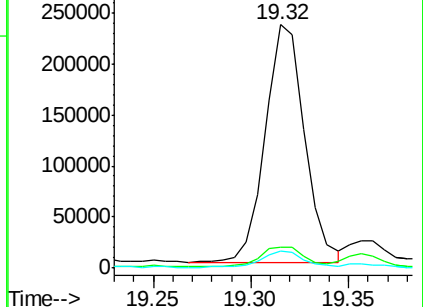
100 6.9 3.4 5.2#

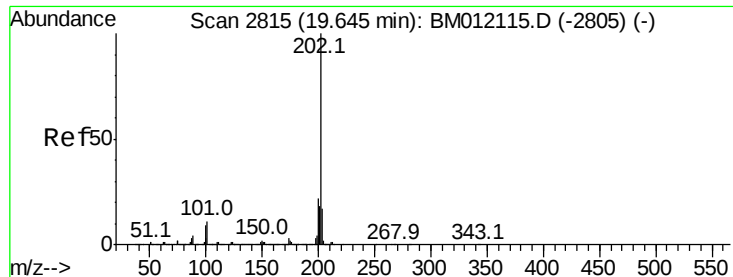


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 3.597 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. 0.04 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampleId :

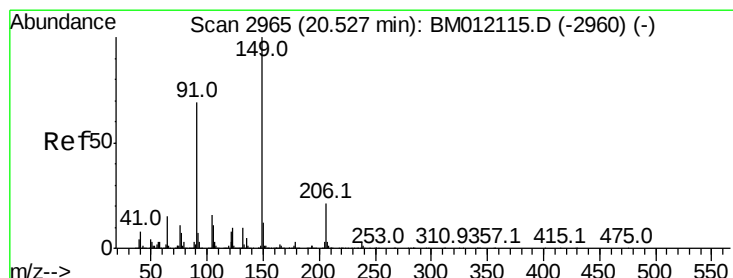
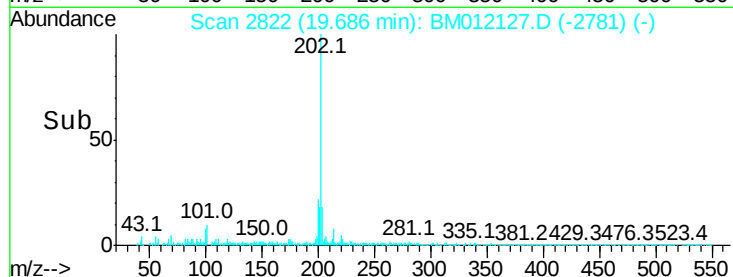
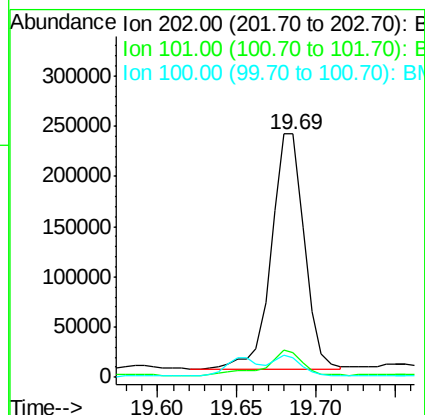
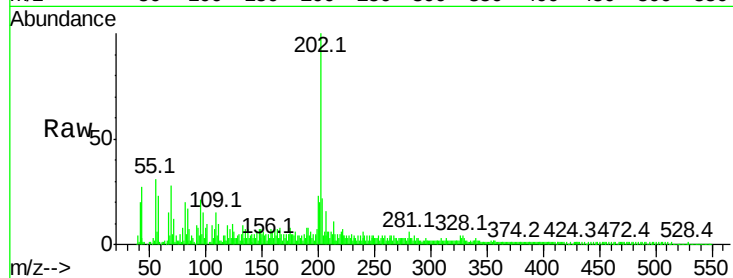
Tot Ion:202 Resp: 339557

Ion Ratio Lower Upper

202 100

101 10.3 5.1 7.7#

100 8.1 4.9 7.3#



#78

Butylbenzylphthalate

Concen: 1.306 ng/ul

RT: 20.56 min Scan# 2970

Delta R.T. 0.03 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

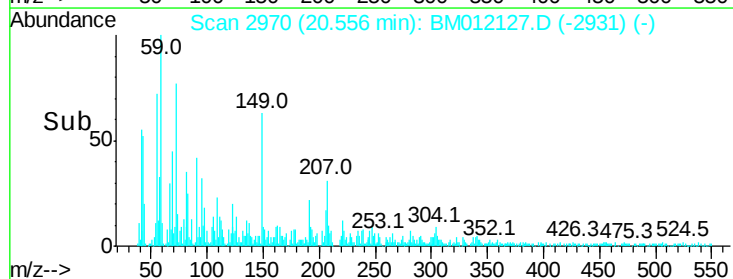
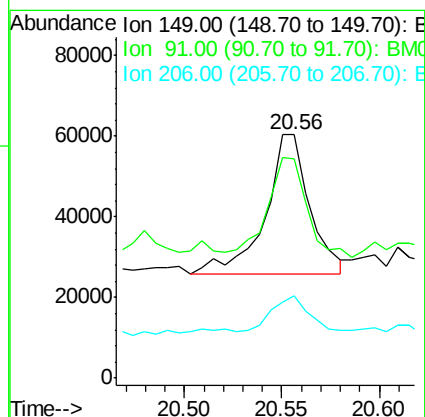
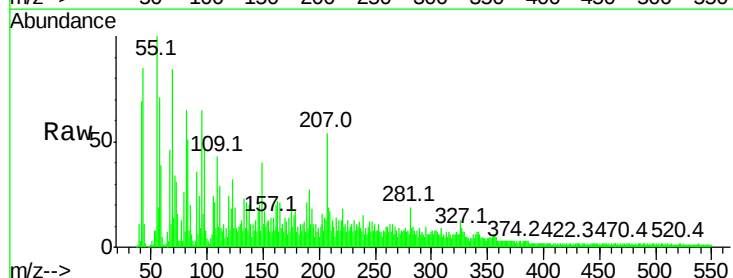
Tgt Ion:149 Resp: 54892

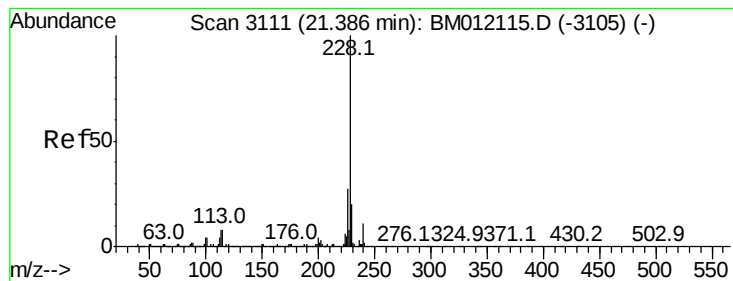
Ion Ratio Lower Upper

149 100

91 90.2 62.7 94.1

206 33.8 20.8 31.2#





#80

Benzo(a)anthracene

Concen: 2.416 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. 0.04 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampleId :

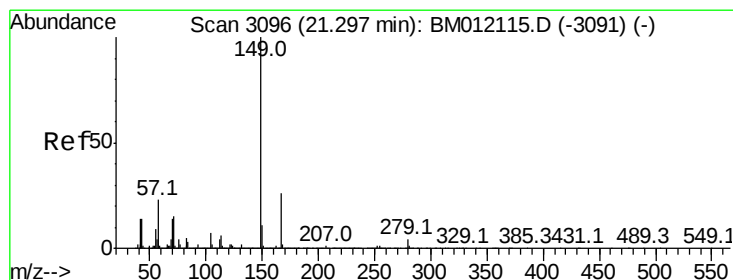
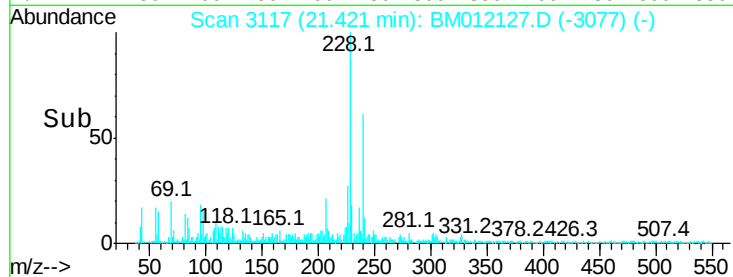
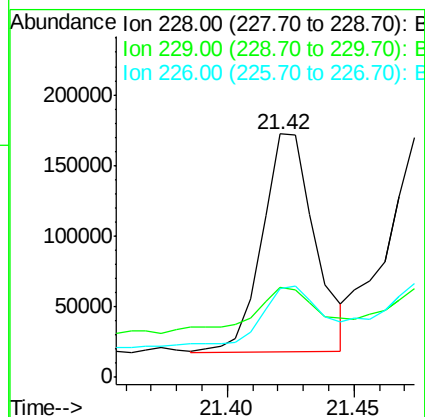
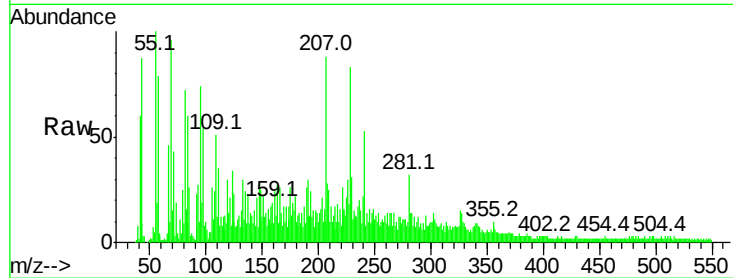
Tot Ion:228 Resp: 224729

Ion Ratio Lower Upper

228 100

229 37.2 15.4 23.0#

226 36.3 21.4 32.0#



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.187 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. 0.02 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

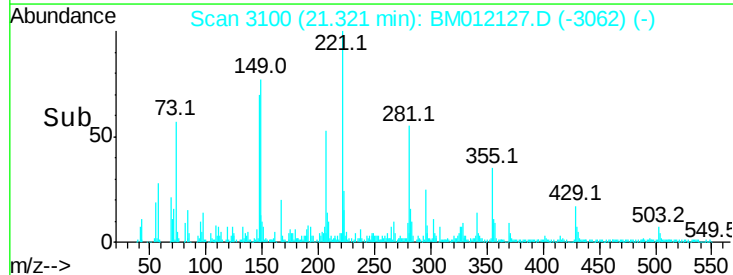
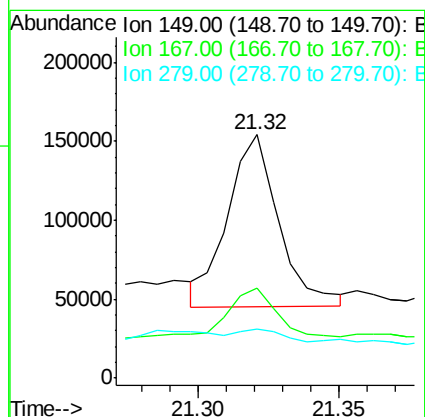
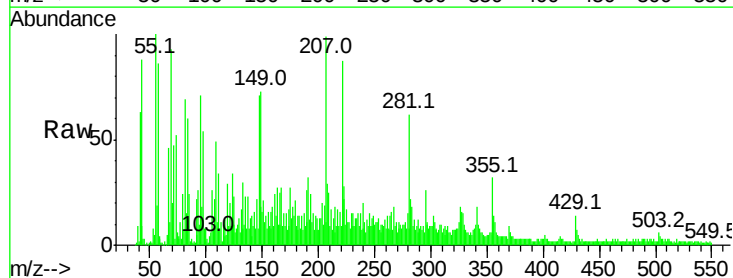
Tgt Ion:149 Resp: 137887

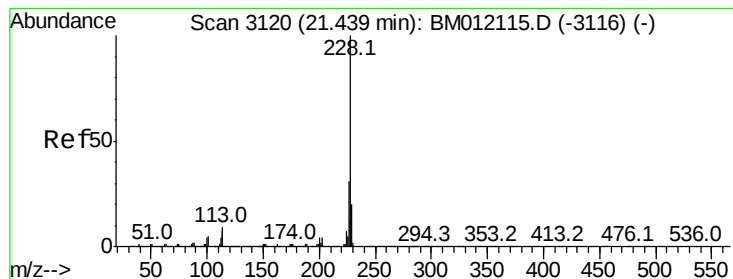
Ion Ratio Lower Upper

149 100

167 36.9 22.8 34.2#

279 20.0 4.9 7.3#





#82

Chrysene

Concen: 2.640 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. 0.04 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampleId :

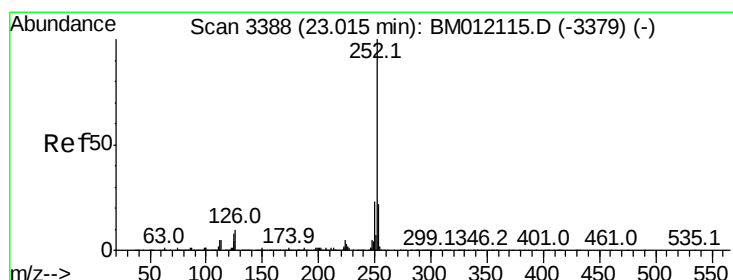
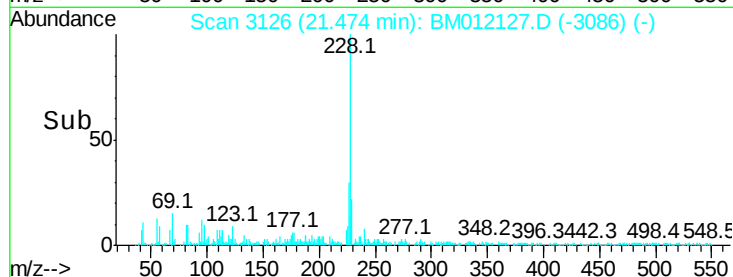
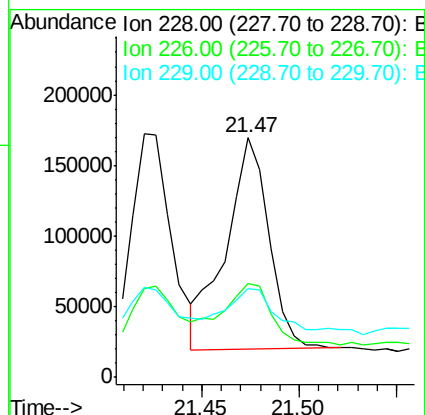
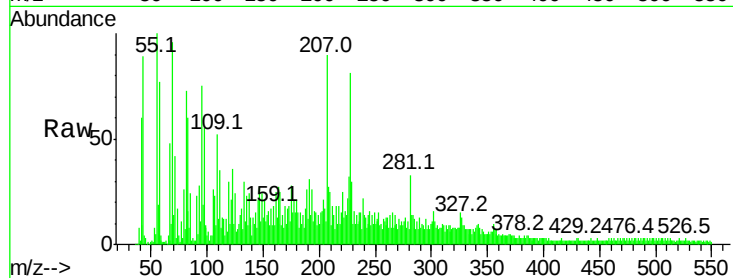
Tot Ion:228 Resp: 230511

Ion Ratio Lower Upper

228 100

226 39.4 23.4 35.2#

229 37.2 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 3.572 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. 0.06 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

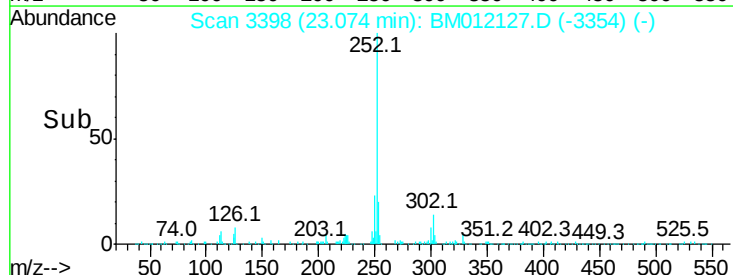
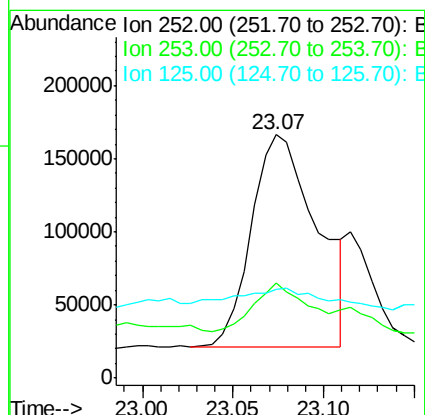
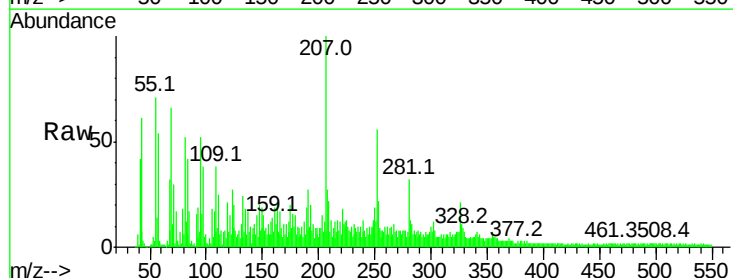
Tgt Ion:252 Resp: 367297

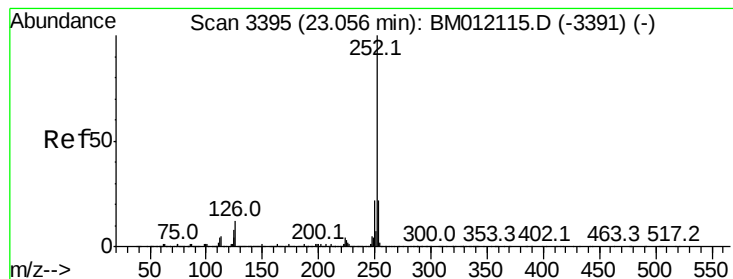
Ion Ratio Lower Upper

252 100

253 39.1 17.9 26.9#

125 36.2 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 3.706 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. 0.02 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampled :

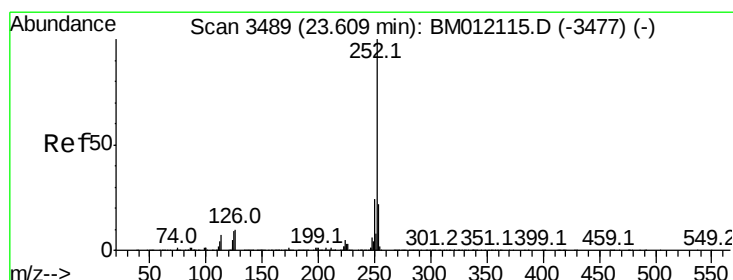
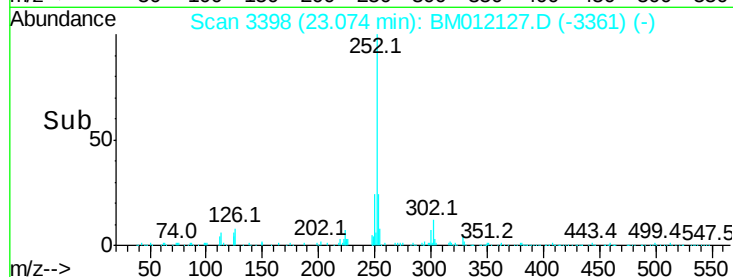
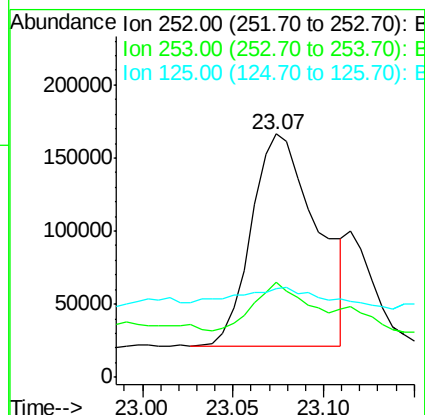
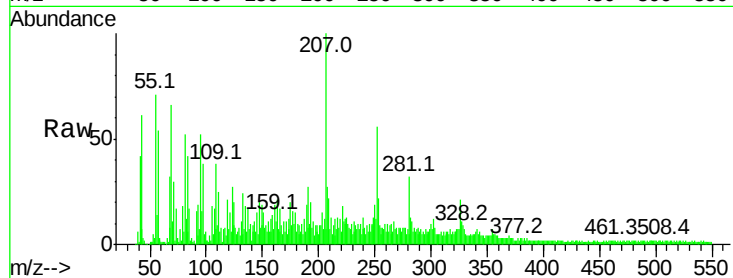
Tot Ion:252 Resp: 367297

Ion Ratio Lower Upper

252 100

253 39.1 17.1 25.7#

125 36.2 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 2.423 ng/ul

RT: 23.69 min Scan# 3502

Delta R.T. 0.08 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

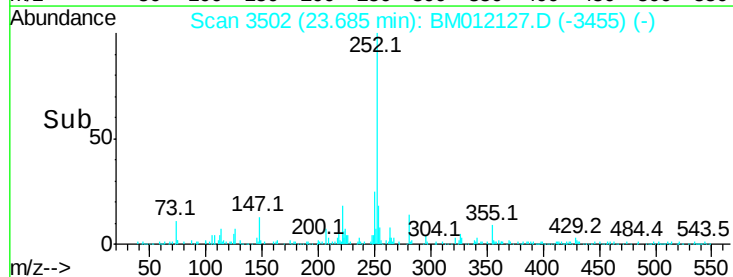
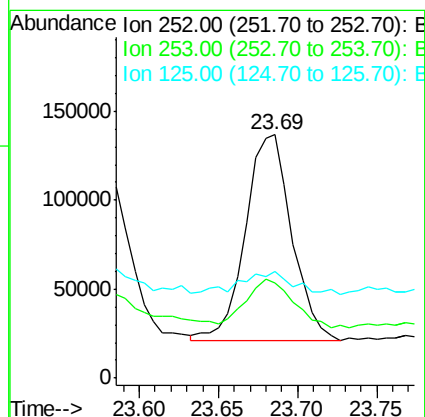
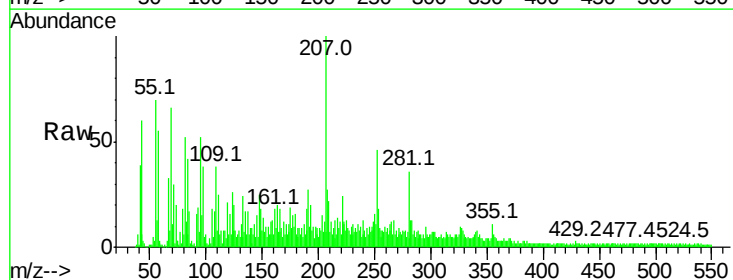
Tgt Ion:252 Resp: 234828

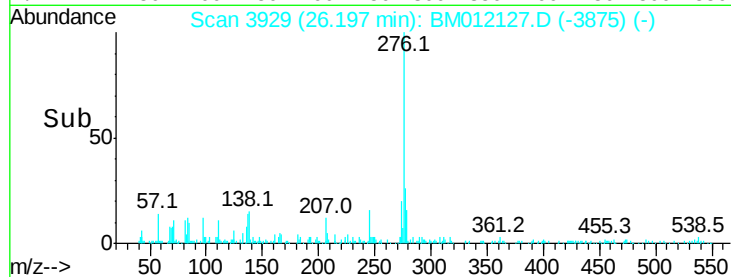
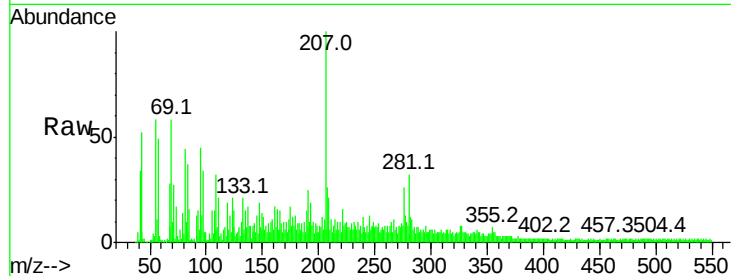
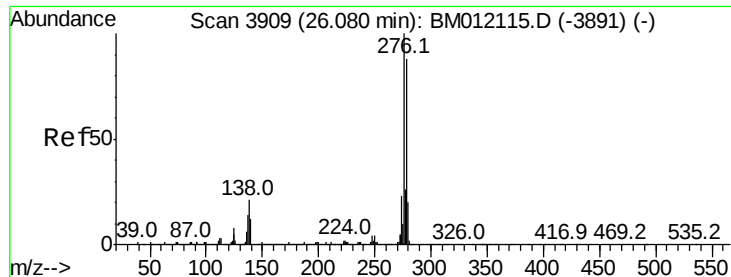
Ion Ratio Lower Upper

252 100

253 39.2 18.2 27.2#

125 43.8 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.745 ng/ul

RT: 26.20 min Scan# 3929

Delta R.T. 0.12 min

Lab File: BM012127.D

Acq: 13 Oct 2017 08:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 179632

Ion Ratio Lower Upper

276 100

138 28.8 9.3 13.9#

277 47.5 19.9 29.9#

