

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013347.D
 Acq On : 12 Dec 2017 20:01
 Operator : SJ/JU
 Sample : I6775-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A51

Quant Time: Dec 13 01:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	170135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	723219	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	445542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1085177	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1211358	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1081191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9778	2.85	ng/uL	0.00
5) Phenol-d5	6.86	99	259603	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	166361	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	206453	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	239356	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	127827	22.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	132731	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	248799	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	282879	24.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	945932	23.86	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1097335	22.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	131104	19.03	ng/ul	0.00
57) Fluorene-d10	15.33	176	801665	23.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	111484	16.33	ng/ul	0.00
70) Anthracene-d10	17.17	188	1325185	24.38	ng/ul	0.00
76) Pyrene-d10	19.47	212	1567654	25.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1345277	24.43	ng/ul	0.00

Target Compounds

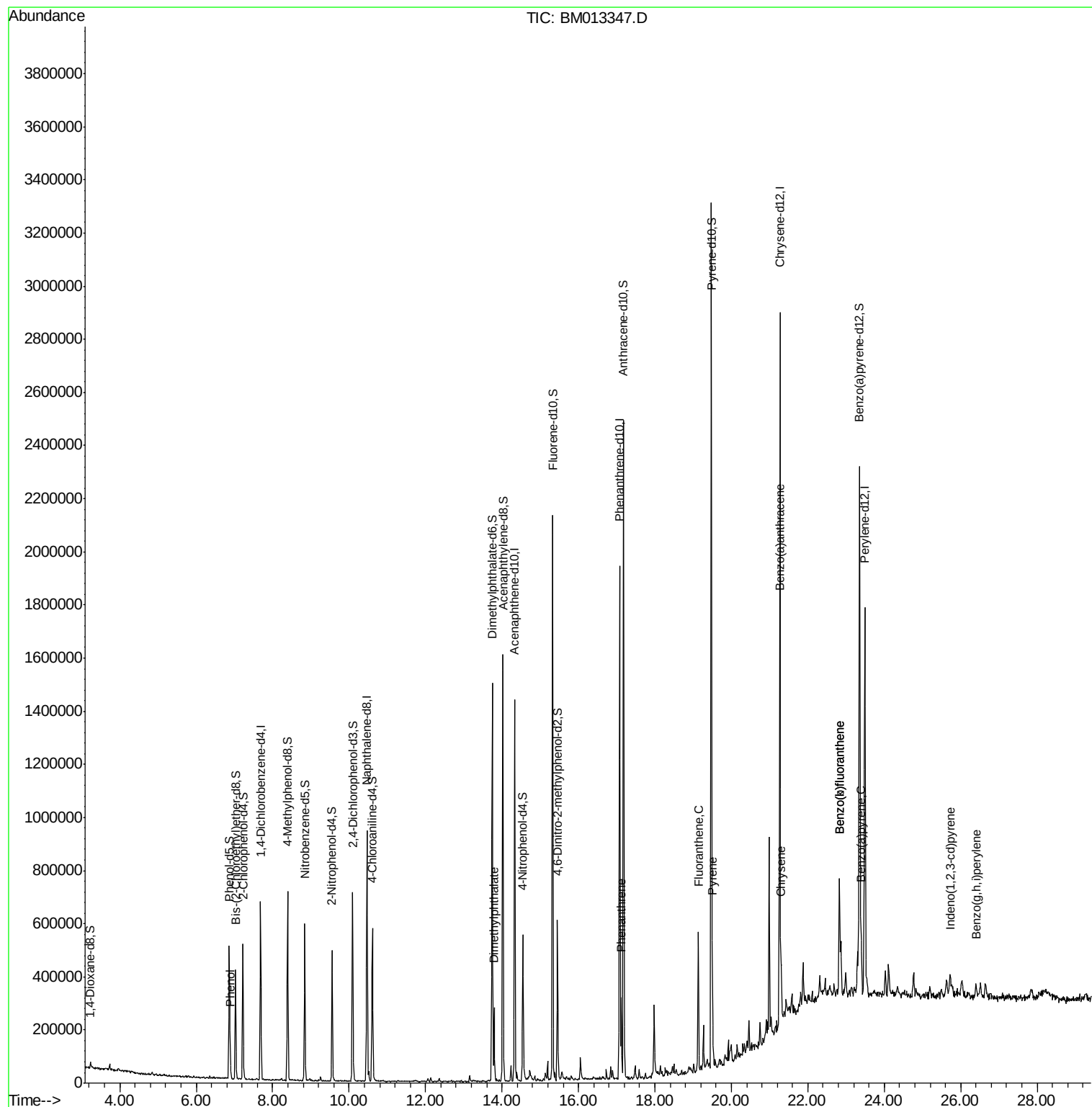
					Ovalue	
6) Phenol	6.89	94	22772	1.565	ng/ul#	90
44) Dimethylphthalate	13.79	163	158052	4.168	ng/ul	99
69) Phenanthrene	17.12	178	171088	2.775	ng/ul	99
74) Fluoranthene	19.14	202	295153	3.907	ng/ul#	94
77) Pyrene	19.50	202	268192	3.644	ng/ul#	95
80) Benzo(a)anthracene	21.25	228	142015	1.848	ng/ul	95
82) Chrysene	21.30	228	192649	2.702	ng/ul	95
85) Benzo(b)fluoranthene	22.83	252	278730	3.824	ng/ul#	99
86) Benzo(k)fluoranthene	22.83	252	278730	4.064	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	117915	1.801	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	79369	1.222	ng/ul#	91
91) Benzo(g,h,i)perylene	26.41	276	55211	1.077	ng/ul#	74

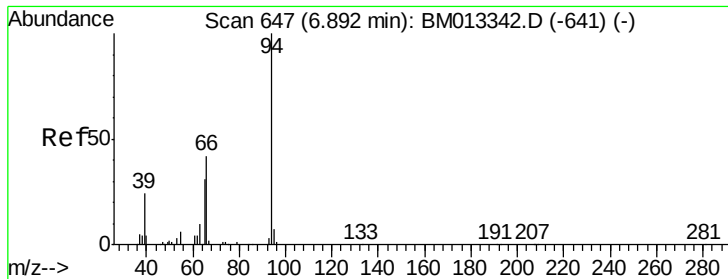
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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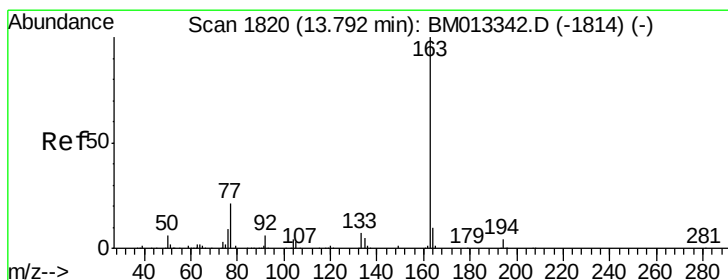
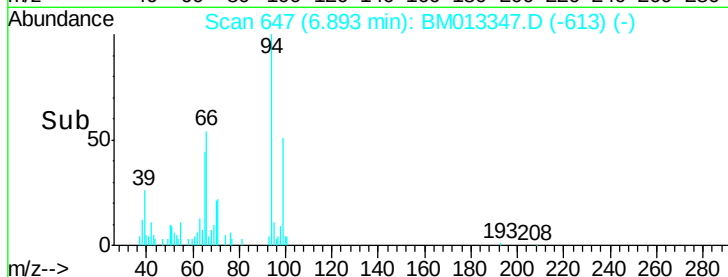
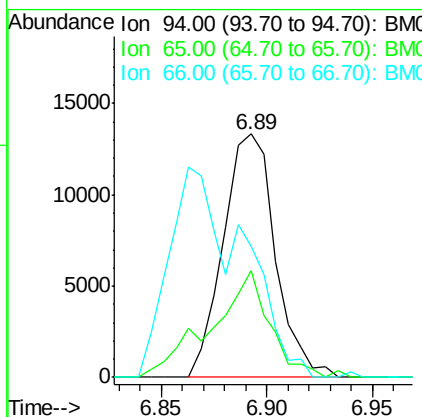
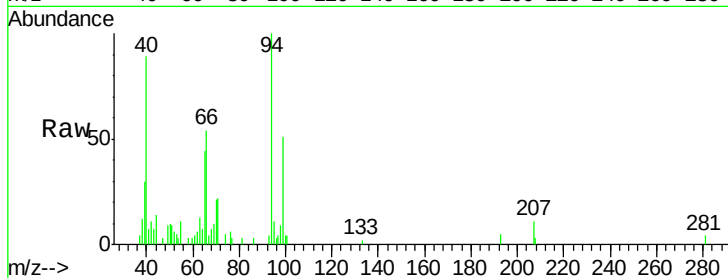
#6

Phenol

Concen: 1.565 ng/ul
 RT: 6.89 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BM013347.D
 Acq: 12 Dec 2017 20:01

Instrument :
 BNA_M
 ClientSampleId :
 F9A51

Tot Ion: 94 Resp: 22772
 Ion Ratio Lower Upper
 94 100
 65 44.0 28.2 42.4#
 66 53.9 47.2 70.8

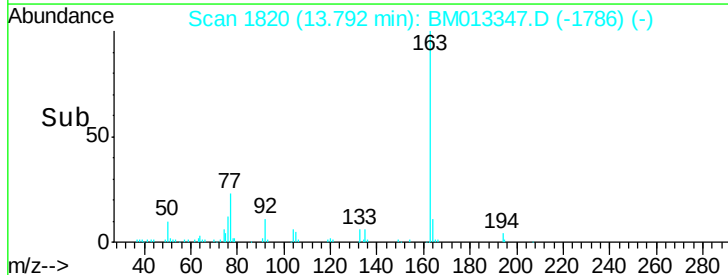
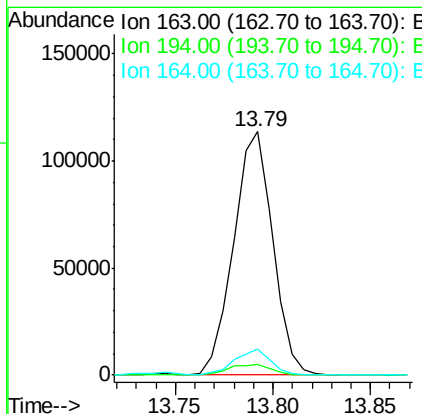
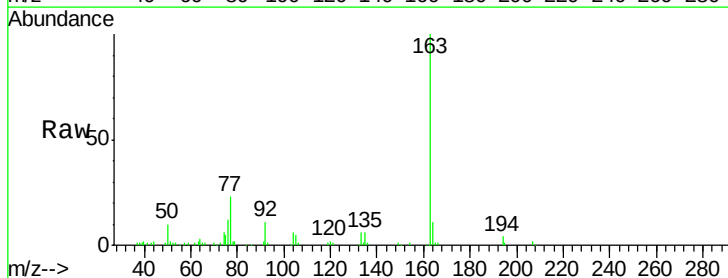


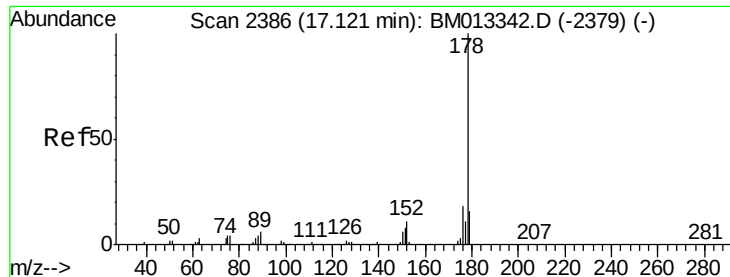
#44

Dimethylphthalate

Concen: 4.168 ng/ul
 RT: 13.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BM013347.D
 Acq: 12 Dec 2017 20:01

Tgt Ion: 163 Resp: 158052
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 10.8 8.2 12.4





#69

Phenanthrene

Concen: 2.775 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

ClientSampleId :

F9A51

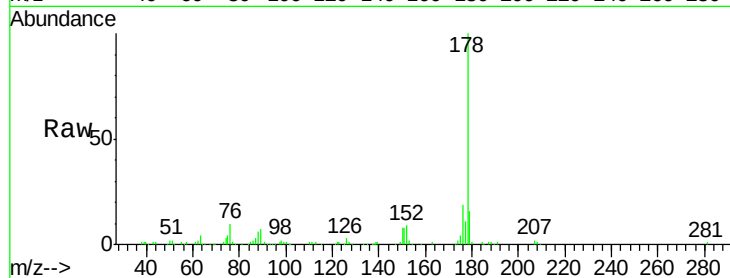
Tot Ion:178 Resp: 171088

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

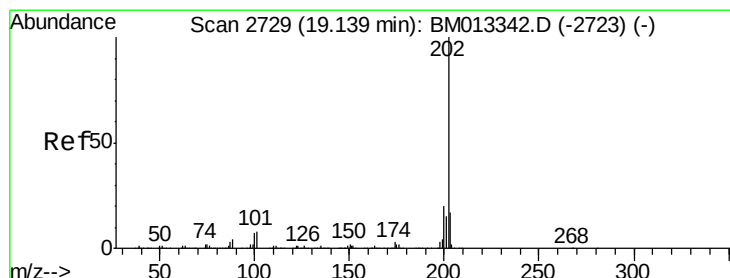
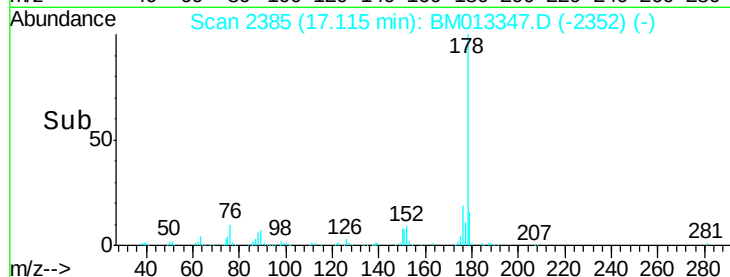
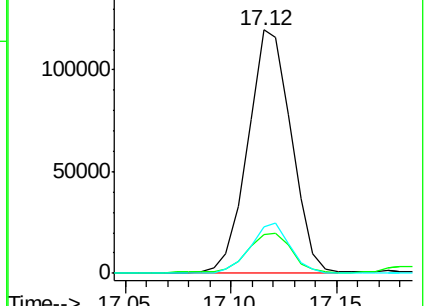
176 19.2 14.9 22.3



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: 3.907 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

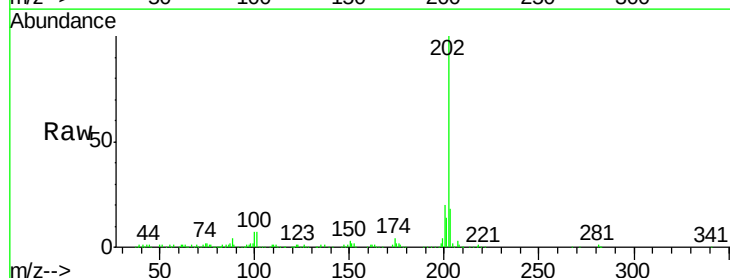
Tgt Ion:202 Resp: 295153

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

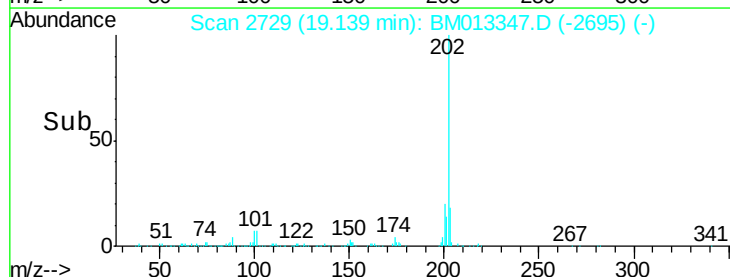
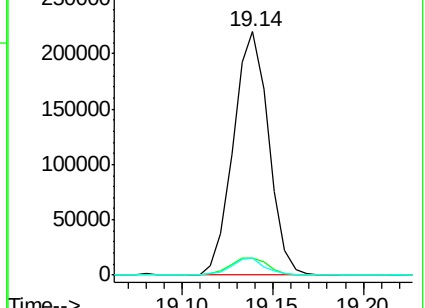
100 6.8 3.4 5.2#

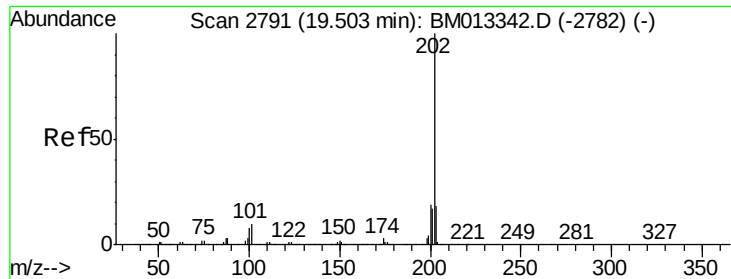


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 3.644 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

ClientSampleId :

F9A51

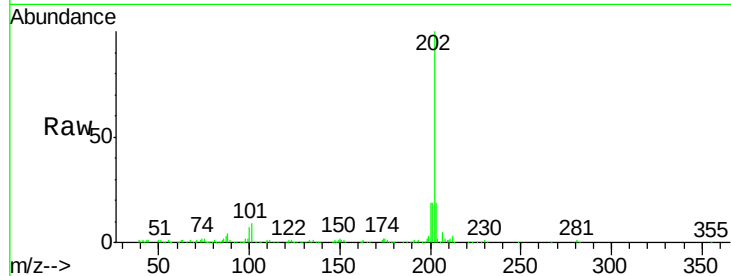
Tot Ion:202 Resp: 268192

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

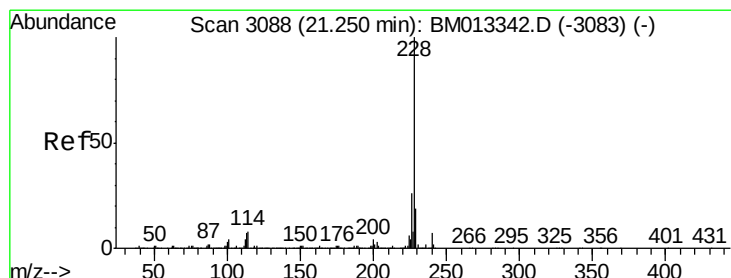
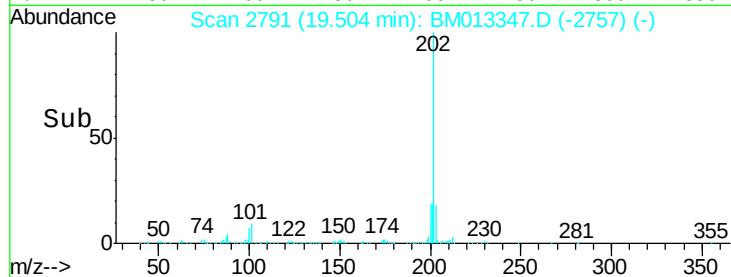
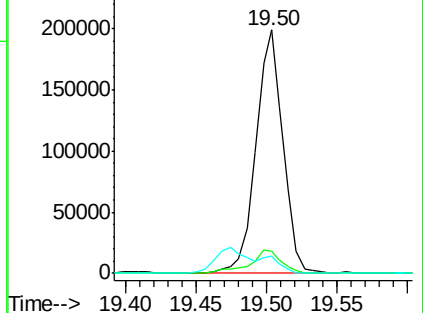
100 7.0 4.9 7.3



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: 1.848 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

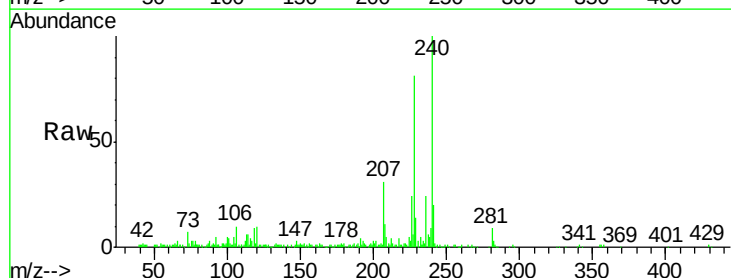
Tgt Ion:228 Resp: 142015

Ion Ratio Lower Upper

228 100

229 17.6 15.4 23.0

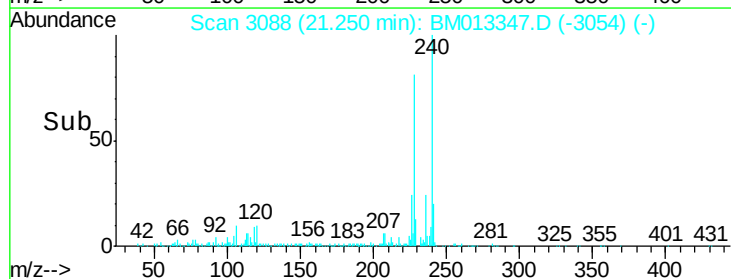
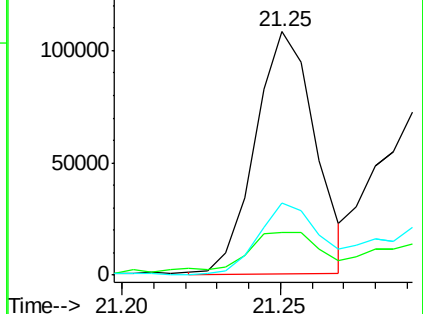
226 29.7 21.4 32.0

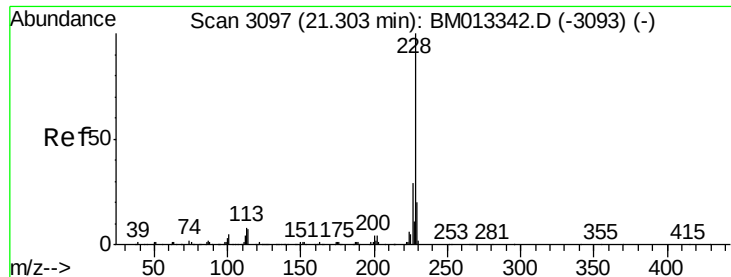


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.702 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

BNA_M

ClientSampleId :

F9A51

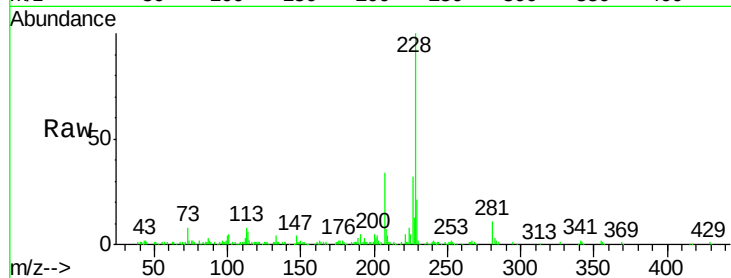
Tot Ion:228 Resp: 192649

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.2

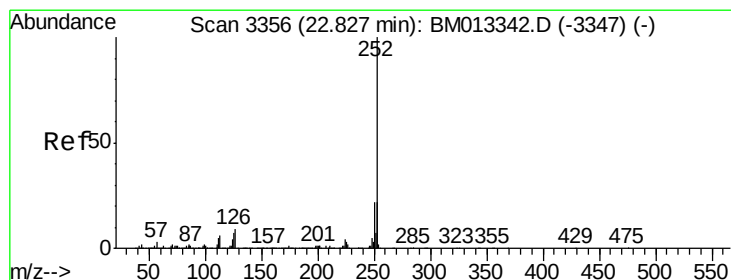
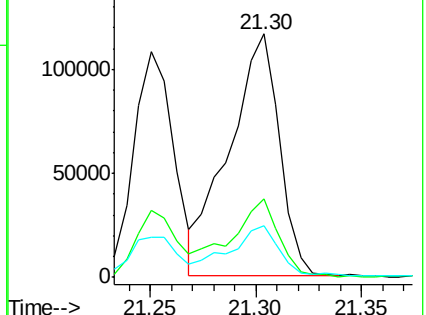
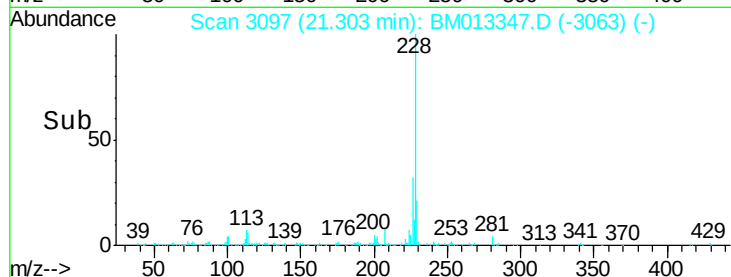
229 21.0 15.5 23.3



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: 3.824 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

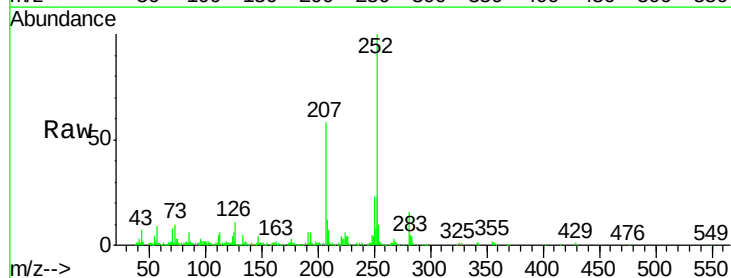
Tgt Ion:252 Resp: 278730

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

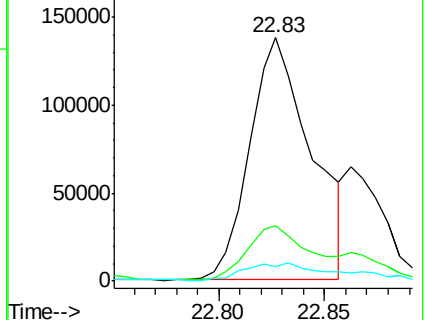
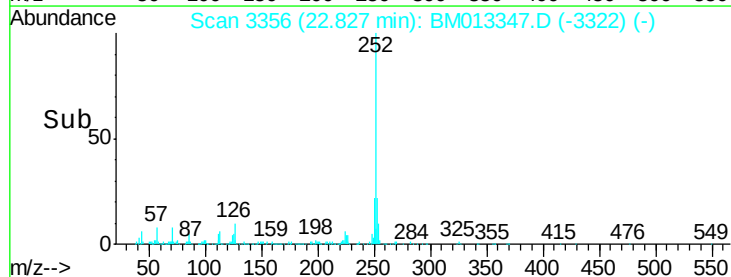
125 6.1 3.6 5.4#

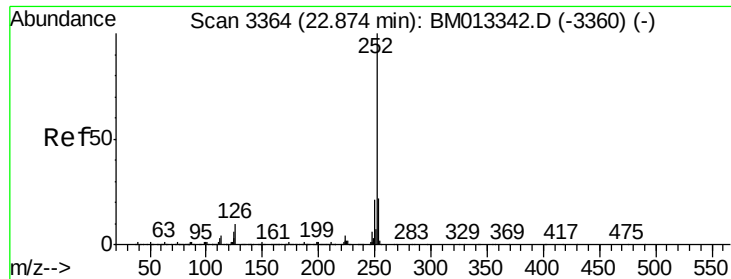


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 4.064 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

Instrument :

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ClientSampleId :

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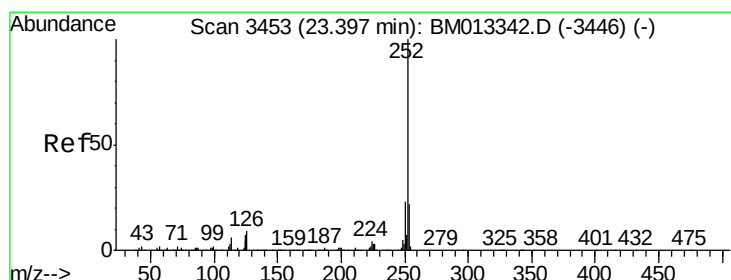
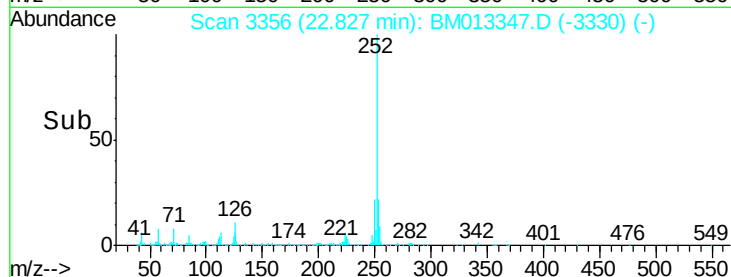
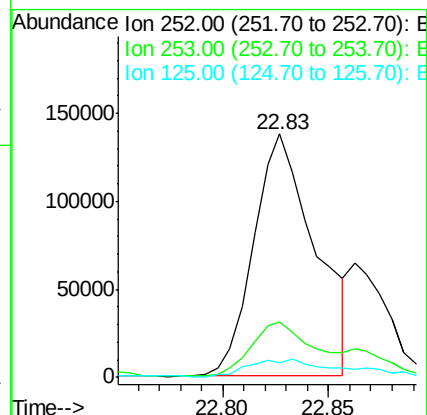
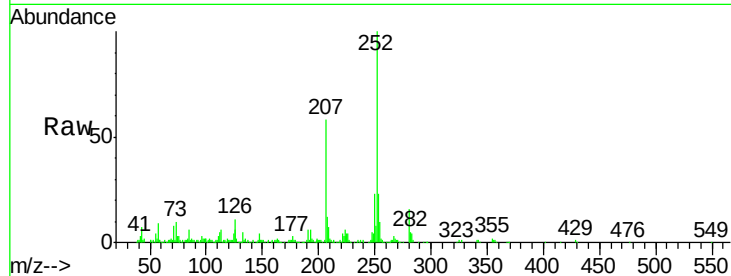
Tot Ion:252 Resp: 278730

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 6.1 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 1.801 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM013347.D

Acq: 12 Dec 2017 20:01

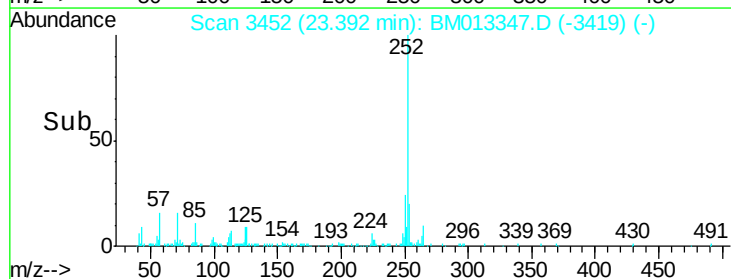
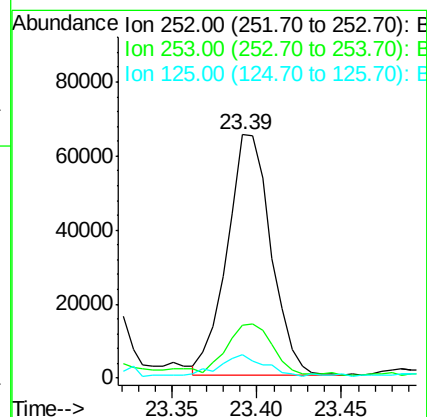
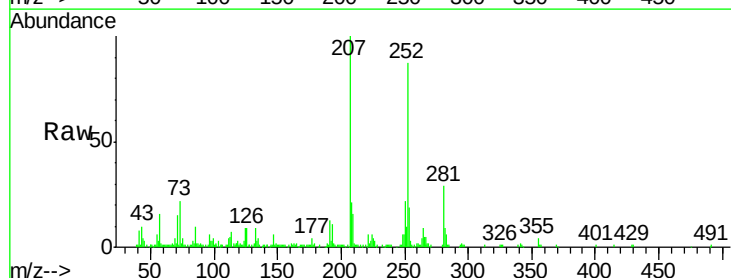
Tgt Ion:252 Resp: 117915

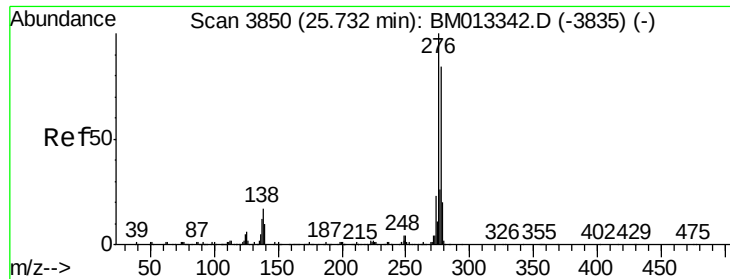
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 9.8 4.0 6.0#



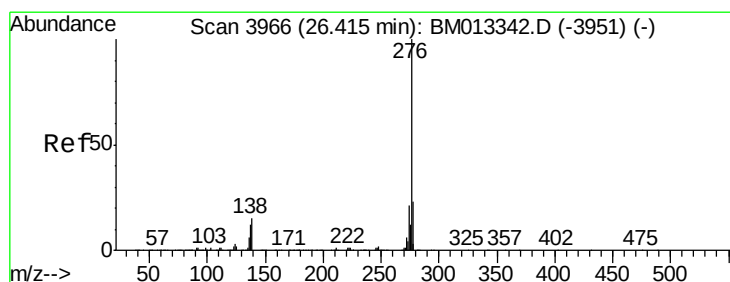
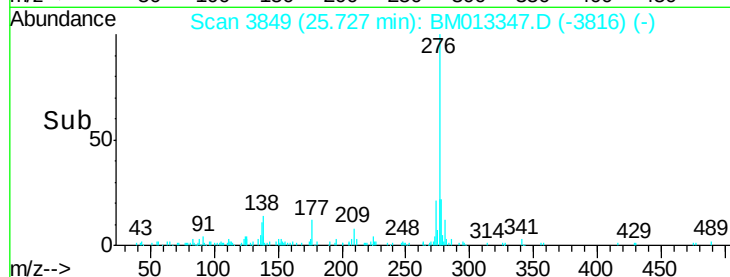
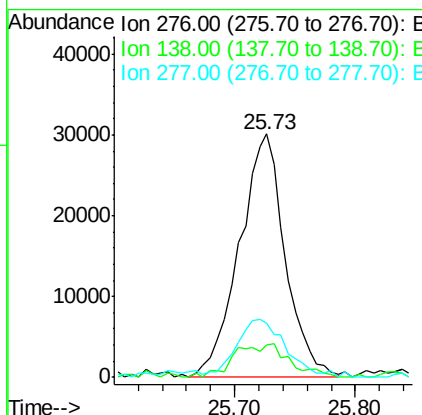
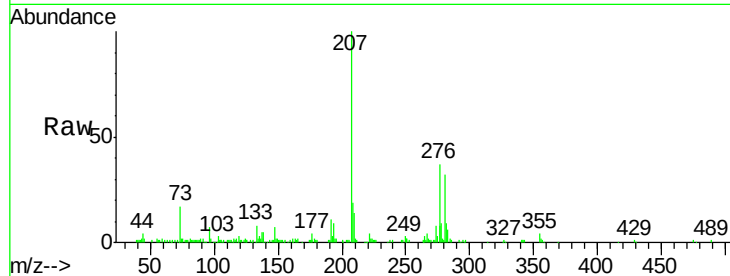


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.222 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013347.D
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Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	9.3	13.9#
277	22.2	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.077 ng/ul
RT: 26.41 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BM013347.D
Acq: 12 Dec 2017 20:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	8.5	12.7#
277	34.5	18.6	28.0#

