

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016173.D
 Acq On : 03 Aug 2018 11:02
 Operator : SJ/JU
 Sample : J4178-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 04 01:04:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 01:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	39182	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	166672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	83697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	127236	20.00	ng/ul	0.10
77) Chrysene-d12	21.67	240	170497	20.00	ng/ul	0.00
85) Perylene-d12	24.02	264	179944	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	2570	2.89	ng/uL	0.00
5) Phenol-d5	7.35	99	40681	11.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	29427	13.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	39561	13.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	35143	11.46	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	17291	14.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	19484	14.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	34186	12.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	42702	13.32	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	109985	14.42	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	129805	14.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	3218	2.43	ng/ul	0.04
57) Fluorene-d10	15.80	176	88231	13.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	4957	5.84	ng/ul	0.00
70) Anthracene-d10	17.65	188	127236	19.53	ng/ul	0.00
78) Pyrene-d10	19.91	212	137862	17.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	156886	15.85	ng/ul	0.00

Target Compounds

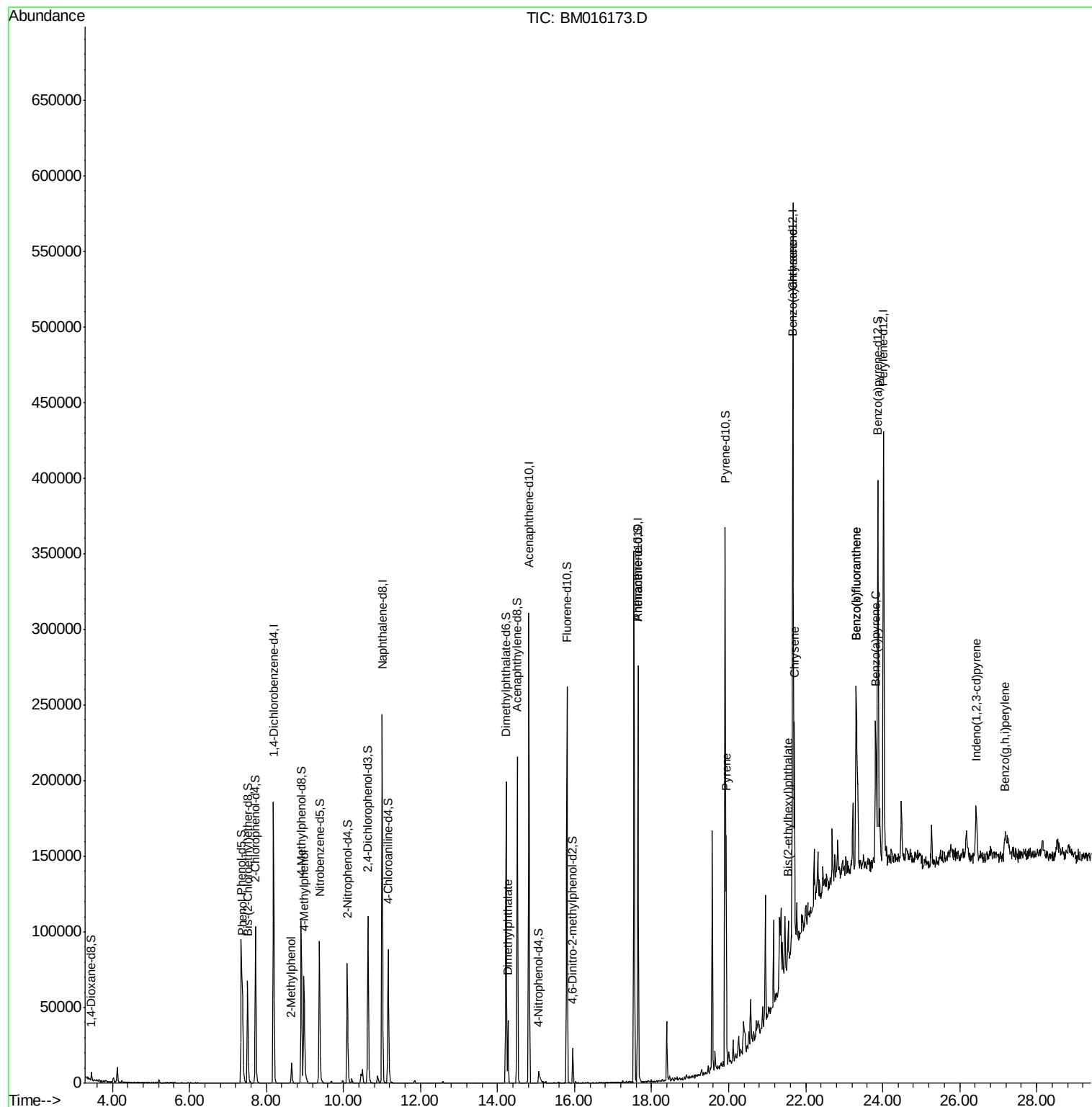
				Ovalue	
6) Phenol	7.38	94	28699	7.982	ng/ul# 58
11) 2-Methylphenol	8.66	108	5112	1.849	ng/ul 88
16) 4-Methylphenol	8.98	108	25296	8.283	ng/ul 94
44) Dimethylphthalate	14.27	163	24014	3.178	ng/ul 97
79) Pyrene	19.94	202	80797	8.039	ng/ul# 94
82) Benzo(a)anthracene	21.66	228	24540	2.226	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.54	149	9137	1.289	ng/ul# 97
84) Chrysene	21.71	228	82815	8.032	ng/ul 98
87) Benzo(b)fluoranthene	23.32	252	88086	7.631	ng/ul 97
88) Benzo(k)fluoranthene	23.32	252	88086	7.983	ng/ul 97
90) Benzo(a)pyrene	23.83	252	38170	3.439	ng/ul 94
91) Indeno(1,2,3-cd)pyrene	26.43	276	19711	1.444	ng/ul# 86
93) Benzo(g,h,i)perylene	27.17	276	14298	1.310	ng/ul# 90

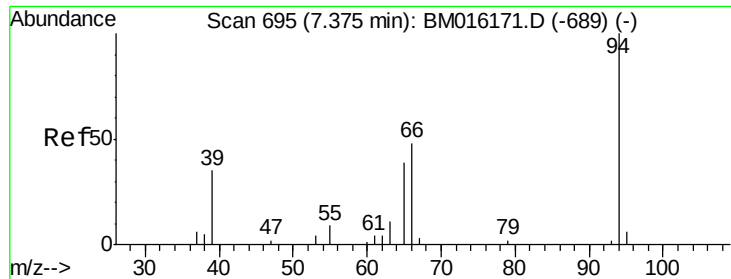
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 04 01:03:47 2018
Response via : Initial Calibration





#6

Phenol

Concen: 7.982 ng/ul

RT: 7.38 min Scan# 695

Delta R.T. 0.00 min

Lab File: BM016173.D

Acq: 03 Aug 2018 11:02

Instrument :

BNA_M

ClientSampleId :

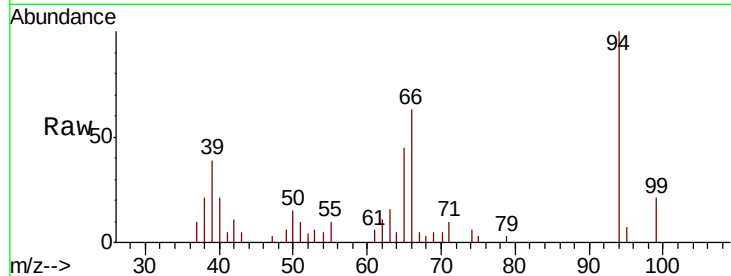
Tot Ion: 94 Resp: 28699

Ion Ratio Lower Upper

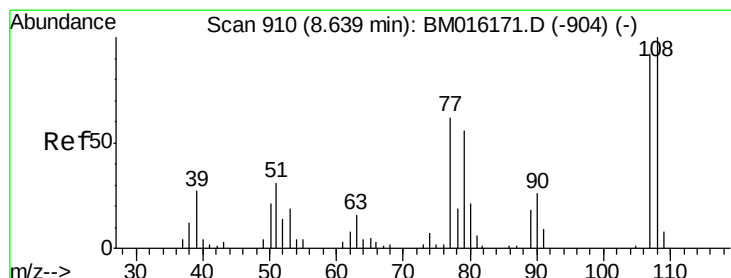
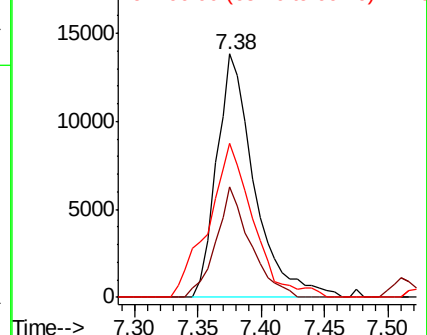
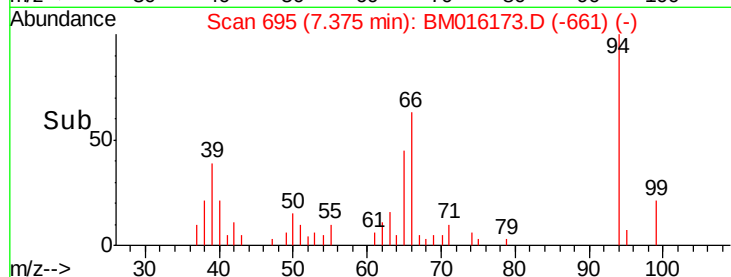
94 100

65 45.4 21.0 31.6#

66 63.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM016173.D (-661) (-)



#11

2-Methylphenol

Concen: 1.849 ng/ul

RT: 8.66 min Scan# 913

Delta R.T. 0.02 min

Lab File: BM016173.D

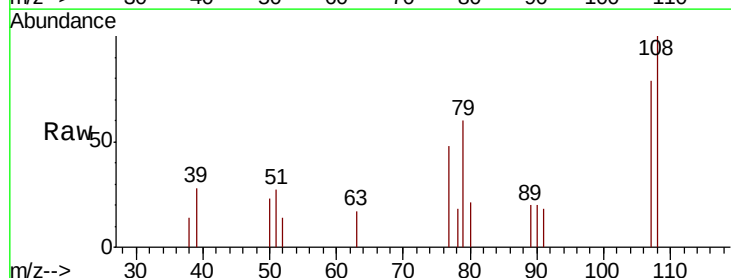
Acq: 03 Aug 2018 11:02

Tgt Ion: 108 Resp: 5112

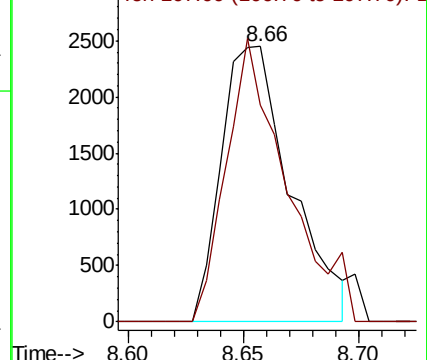
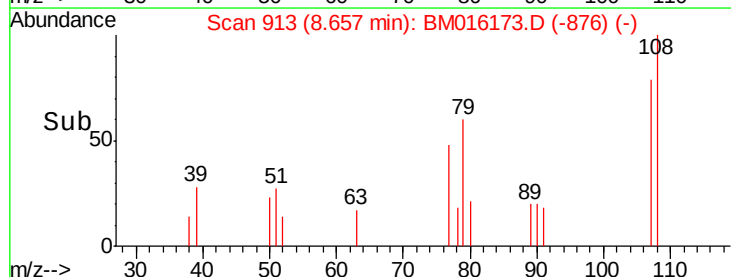
Ion Ratio Lower Upper

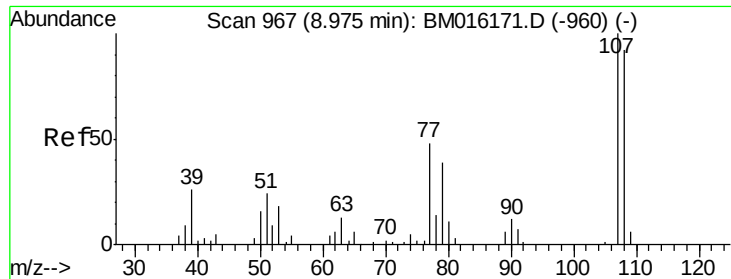
108 100

107 78.8 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): BM016173.D (-876) (-)

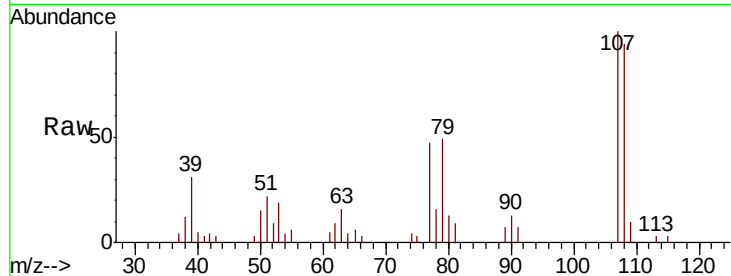




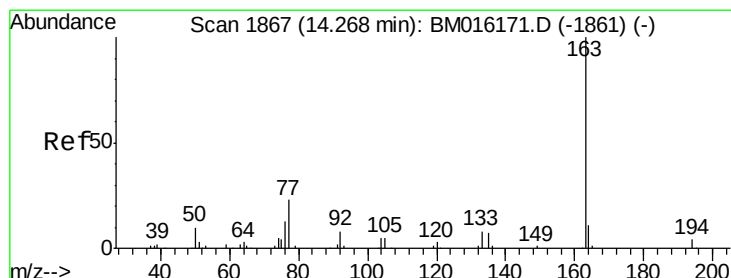
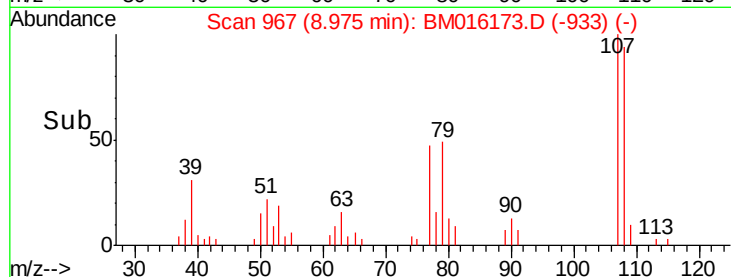
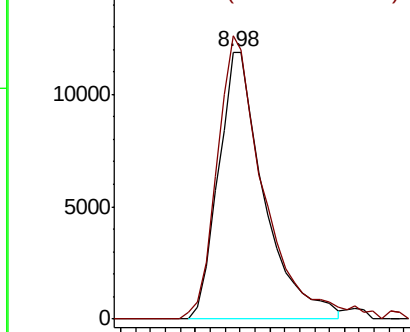
#16
4-Methylphenol
Concen: 8.283 ng/ul
RT: 8.98 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM016173.D
Acq: 03 Aug 2018 11:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:108 Resp: 25296
Ion Ratio Lower Upper
108 100
107 106.0 90.3 135.5

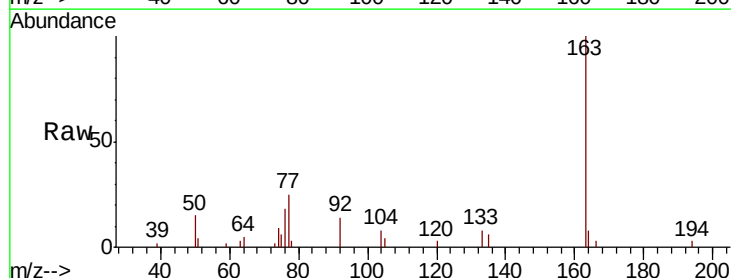


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

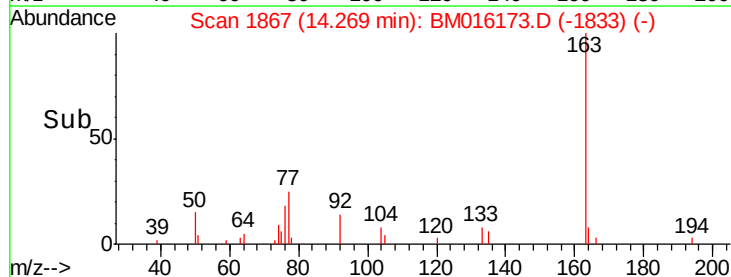
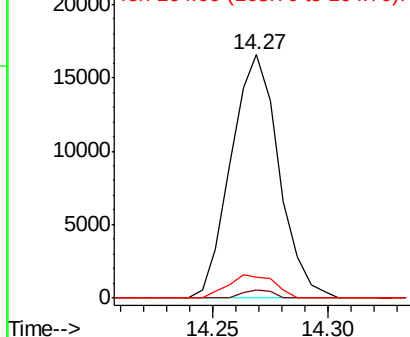


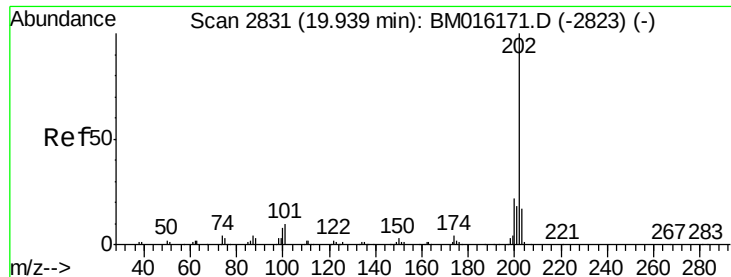
#44
Dimethylphthalate
Concen: 3.178 ng/ul
RT: 14.27 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM016173.D
Acq: 03 Aug 2018 11:02

Tgt Ion:163 Resp: 24014
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 8.4 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

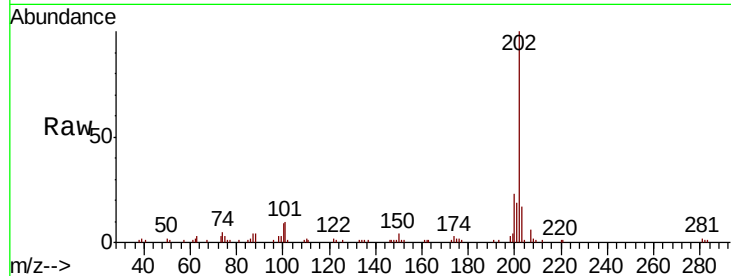




#79
 Pvrene
 Concen: 8.039 ng/ul
 RT: 19.94 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BM016173.D
 Acq: 03 Aug 2018 11:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.2	15.2#
100	8.7	8.5	12.7

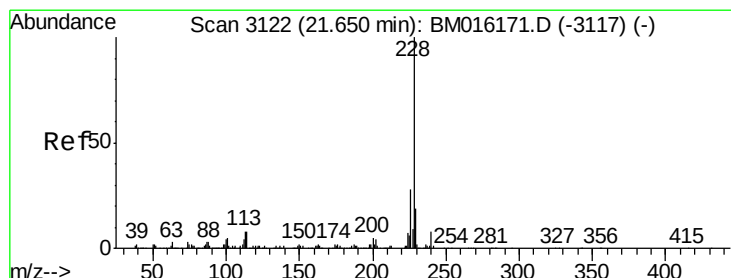
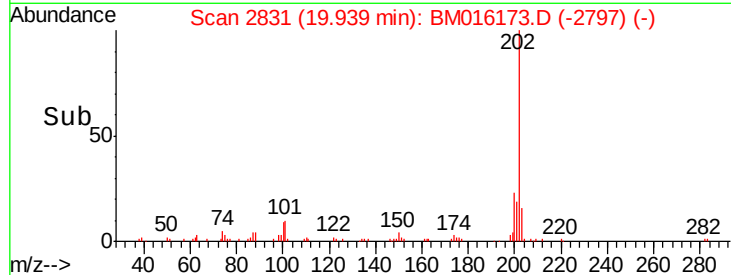
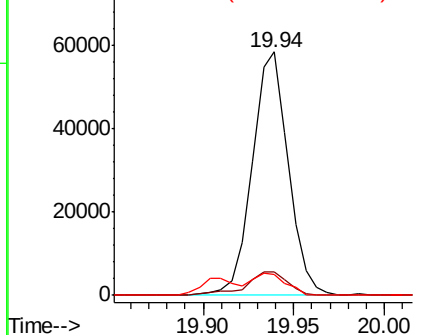


Abundance

Ion 202.00 (201.70 to 202.70): E

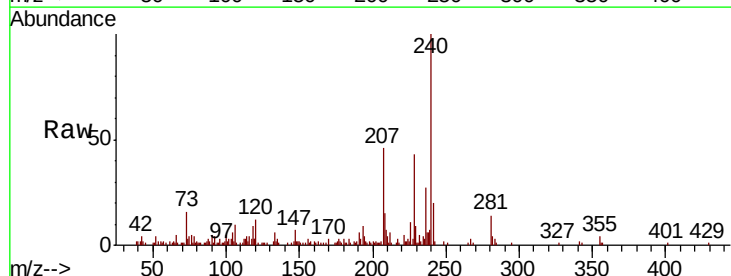
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82
 Benzo(a)anthracene
 Concen: 2.226 ng/ul
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.01 min
 Lab File: BM016173.D
 Acq: 03 Aug 2018 11:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	25.4	21.8	32.6

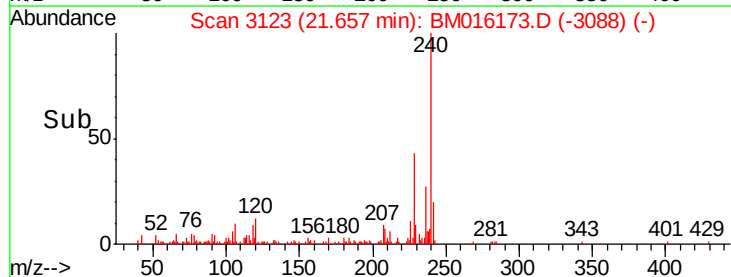
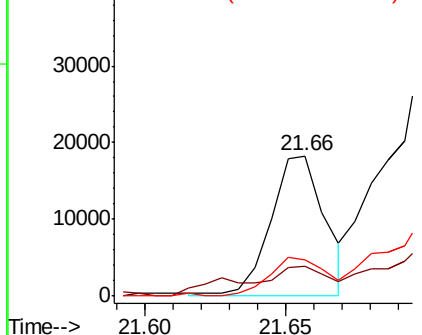


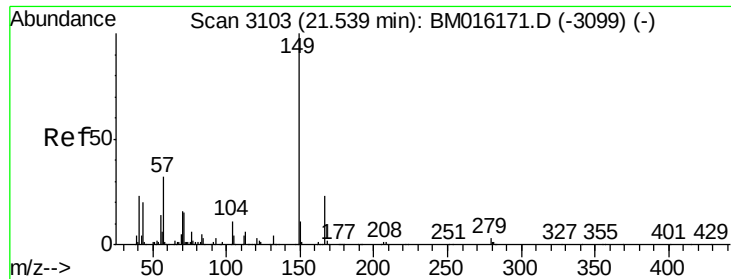
Abundance

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.289 ng/ul

RT: 21.54 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM016173.D

Acq: 03 Aug 2018 11:02

Instrument :

BNA_M

ClientSampled :

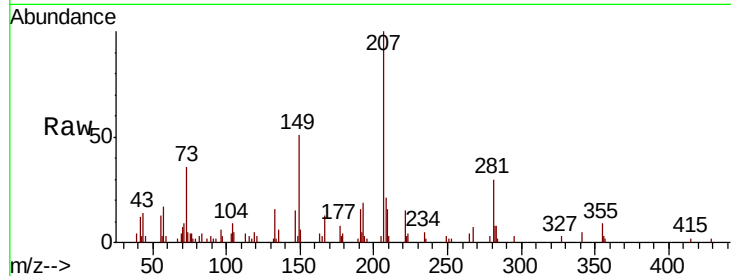
Tot Ion:149 Resp: 9137

Ion Ratio Lower Upper

149 100

167 25.6 21.6 32.4

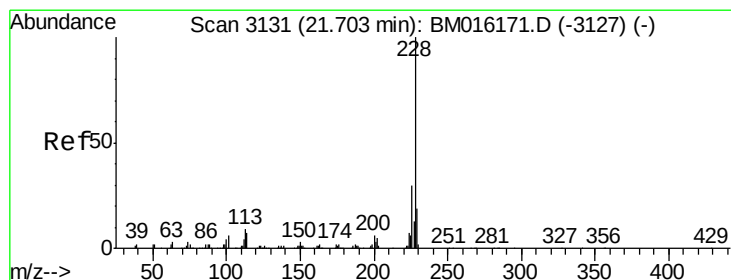
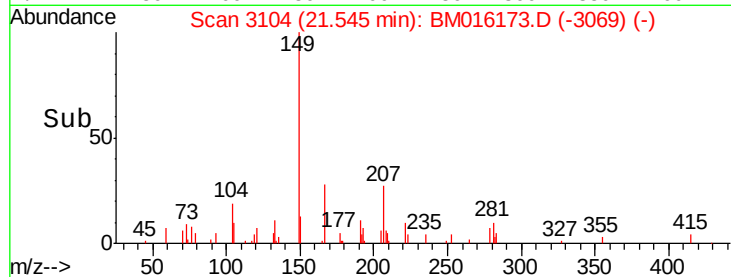
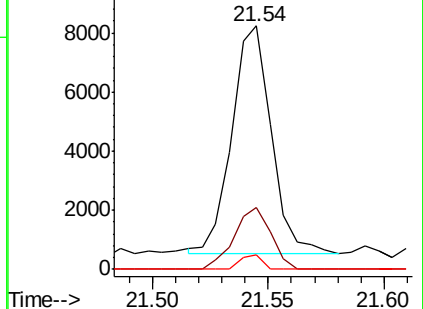
279 6.2 3.0 4.4#



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



#84

Chrysene

Concen: 8.032 ng/ul

RT: 21.71 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BM016173.D

Acq: 03 Aug 2018 11:02

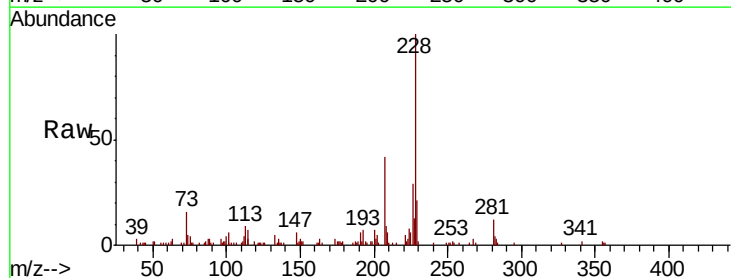
Tgt Ion:228 Resp: 82815

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

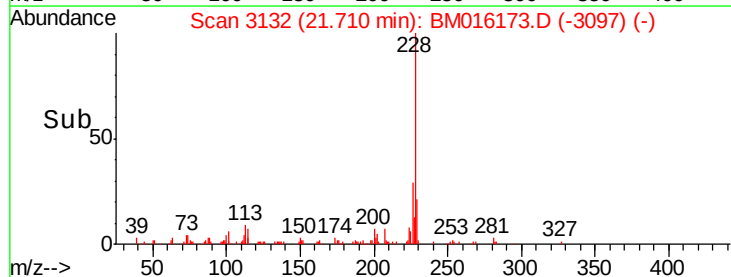
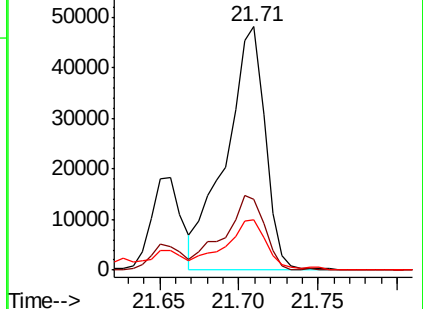
229 20.8 15.6 23.4

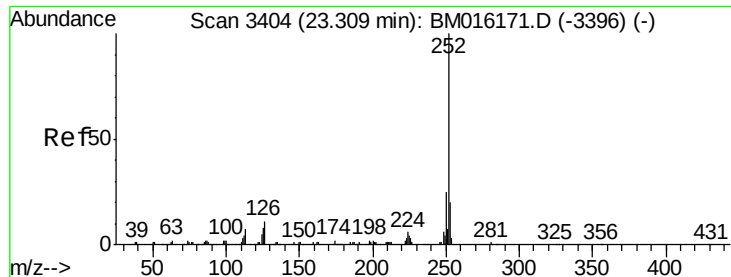


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

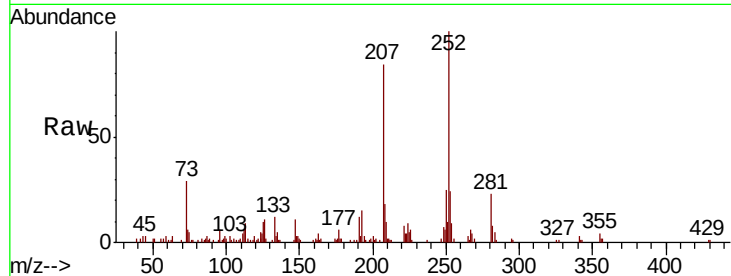




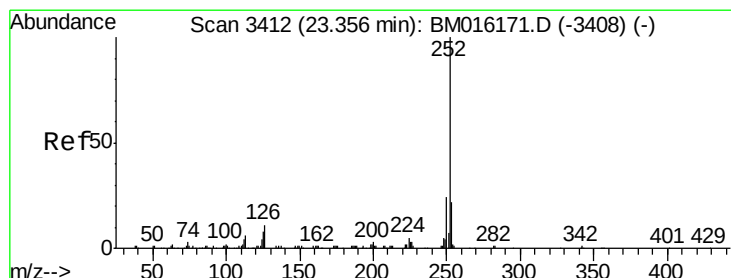
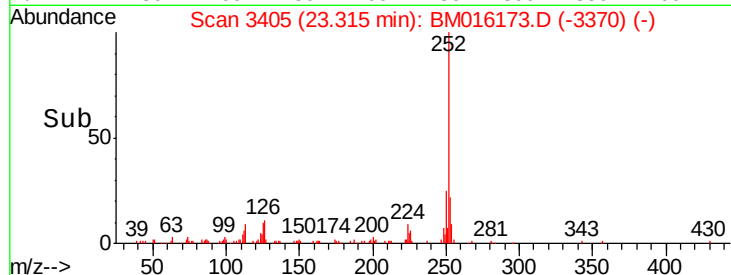
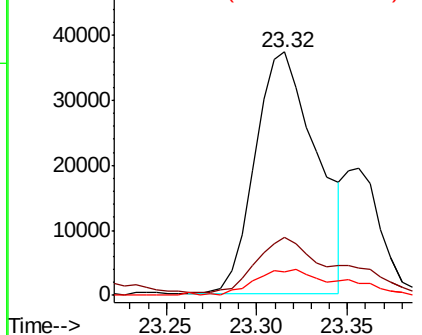
#87
Benzo(b)fluoranthene
Concen: 7.631 ng/ul
RT: 23.32 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM016173.D
Acq: 03 Aug 2018 11:02

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	9.9	8.5	12.7

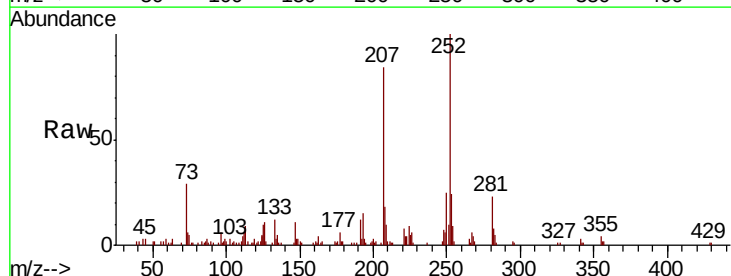


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

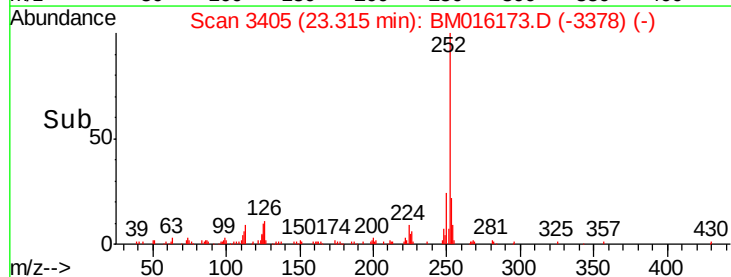
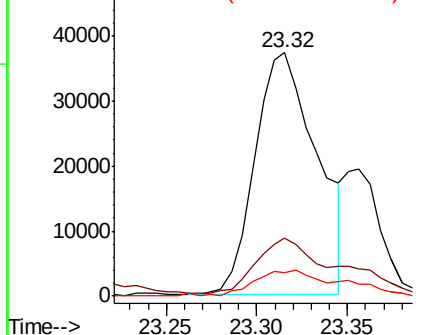


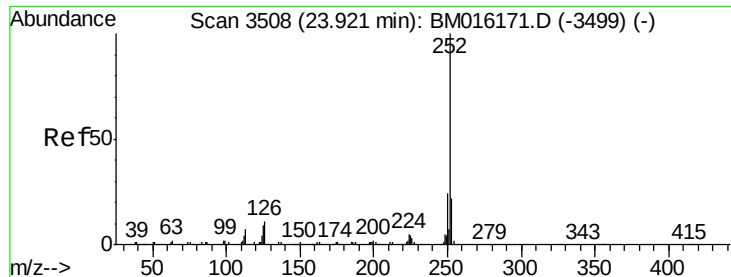
#88
Benzo(k)fluoranthene
Concen: 7.983 ng/ul
RT: 23.32 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BM016173.D
Acq: 03 Aug 2018 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	9.9	8.2	12.2



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





#90

Benzo(a)pyrene

Concen: 3.439 ng/ul

RT: 23.83 min Scan# 3492

Delta R.T. -0.09 min

Lab File: BM016173.D

Acq: 03 Aug 2018 11:02

Instrument :

BNA_M

ClientSampleId :

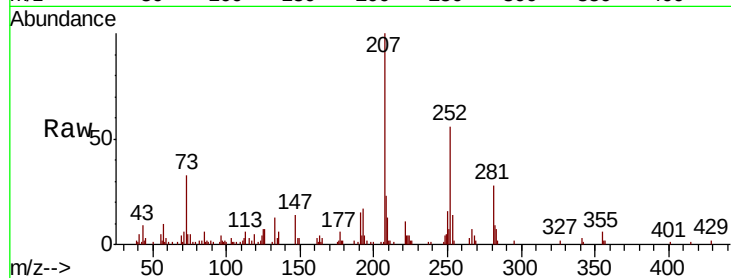
Tot Ion:252 Resp: 38170

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

125 12.3 9.0 13.6

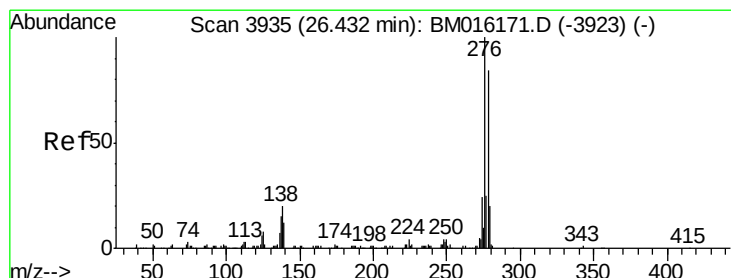
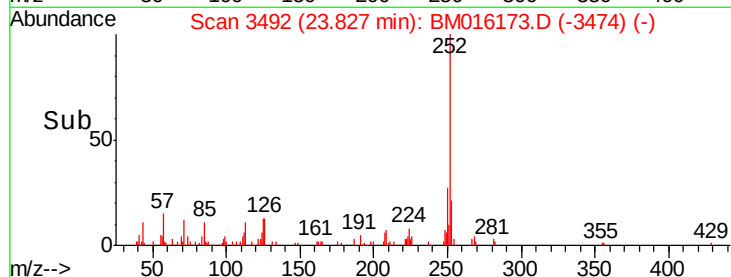
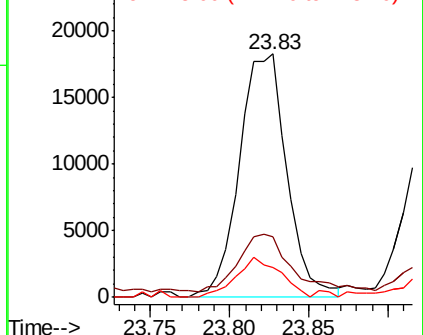


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.444 ng/ul

RT: 26.43 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BM016173.D

Acq: 03 Aug 2018 11:02

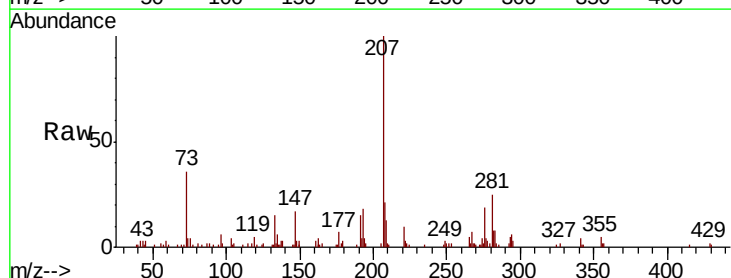
Tgt Ion:276 Resp: 19711

Ion Ratio Lower Upper

276 100

138 17.7 22.3 33.5#

277 21.0 20.2 30.2

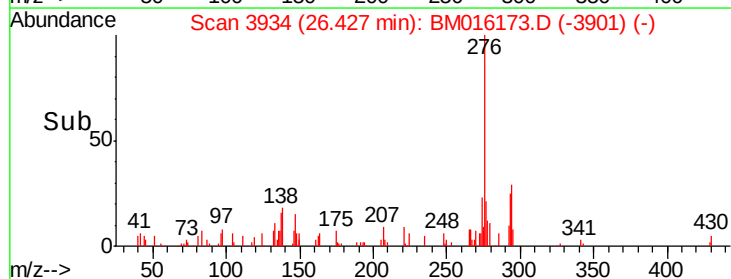
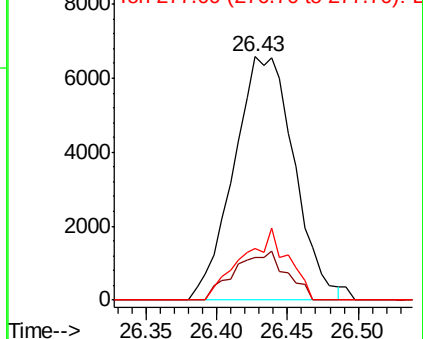


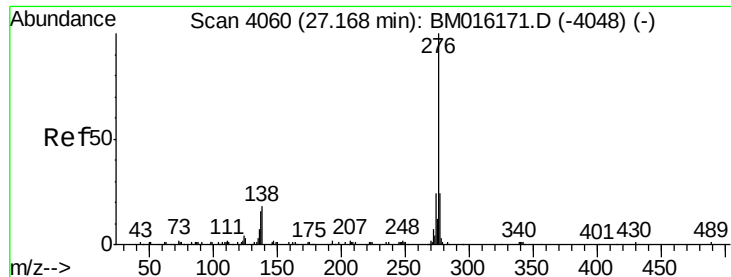
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 1.310 ng/ul

RT: 27.17 min Scan# 4061

Delta R.T. 0.01 min

Lab File: BM016173.D

Acq: 03 Aug 2018 11:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 14298

Ion Ratio Lower Upper

276 100

138 14.5 18.9 28.3#

277 25.2 19.2 28.8

