

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011901.D
 Acq On : 04 Oct 2017 21:42
 Operator : SJ/JU
 Sample : I5414-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 07:16:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 07:08:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	343208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1534278	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	968164	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2298812	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2291088	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1955003	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	17531	2.42	ng/uL	0.00
5) Phenol-d5	7.03	99	408699	13.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	243272	13.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	356038	15.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	340213	13.33	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	167536	15.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	191019	15.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	386258	15.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	291127	10.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1298691	15.48	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1570068	15.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	122414	8.35	ng/ul	0.00
57) Fluorene-d10	15.51	176	1172184	15.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	148180	9.58	ng/ul	0.00
70) Anthracene-d10	17.36	188	1892758	16.71	ng/ul	0.00
76) Pyrene-d10	19.64	212	2187859	21.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1570569	16.70	ng/ul	0.00

Target Compounds

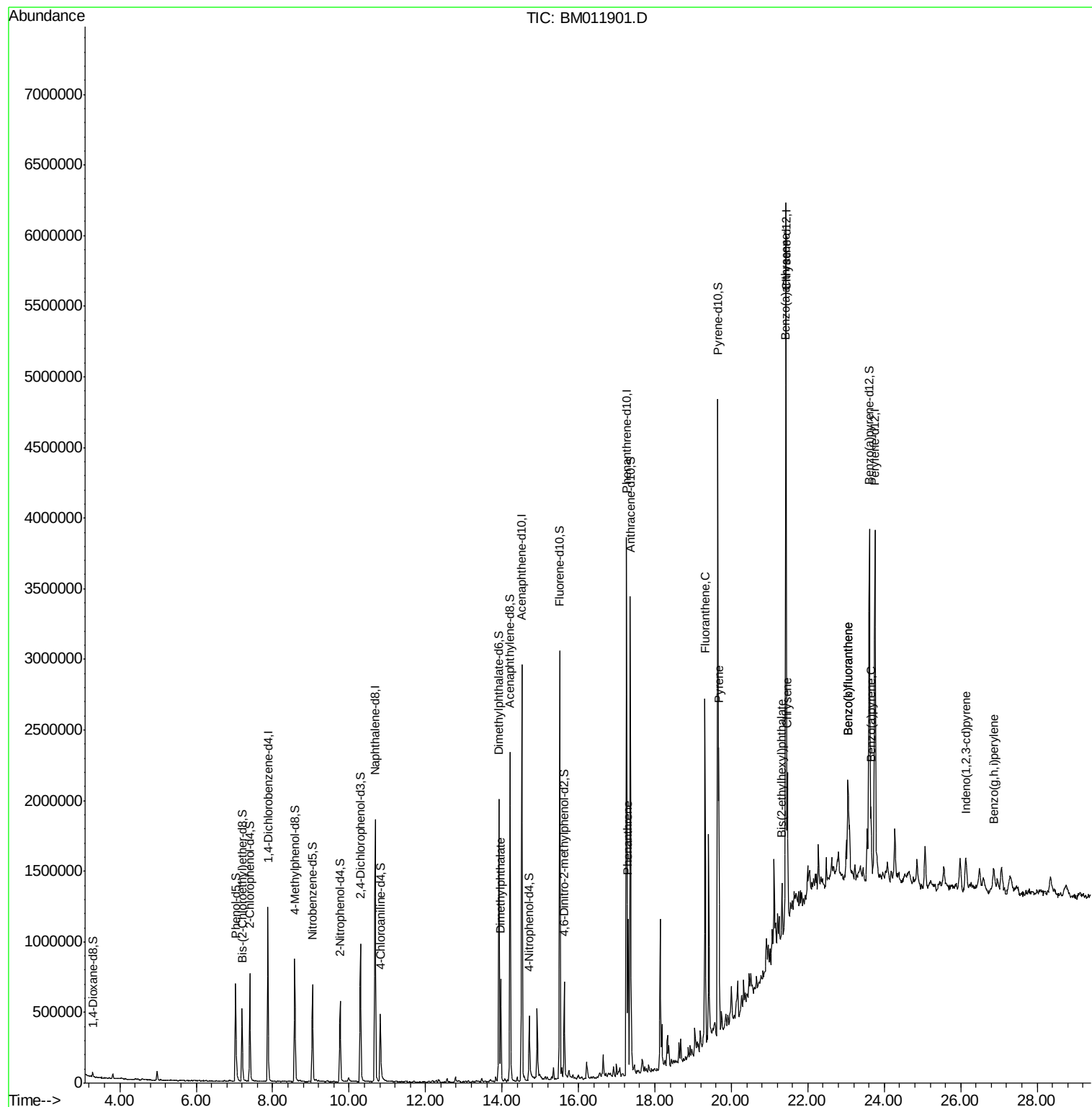
					Ovalue	
44) Dimethylphthalate	13.97	163	463398	5.740	ng/ul	100
69) Phenanthrene	17.30	178	672340	5.317	ng/ul	99
74) Fluoranthene	19.31	202	1395883	9.048	ng/ul#	89
77) Pyrene	19.67	202	1153745	9.082	ng/ul#	89
80) Benzo(a)anthracene	21.41	228	419990	3.200	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.33	149	125910	1.701	ng/ul	96
82) Chrysene	21.46	228	616244	4.942	ng/ul	98
85) Benzo(b)fluoranthene	23.05	252	590940	4.973	ng/ul#	94
86) Benzo(k)fluoranthene	23.05	252	590940	4.981	ng/ul#	92
88) Benzo(a)pyrene	23.66	252	313199	2.743	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.13	276	238648	1.953	ng/ul#	90
91) Benzo(g,h,i)perylene	26.87	276	195922	1.938	ng/ul#	91

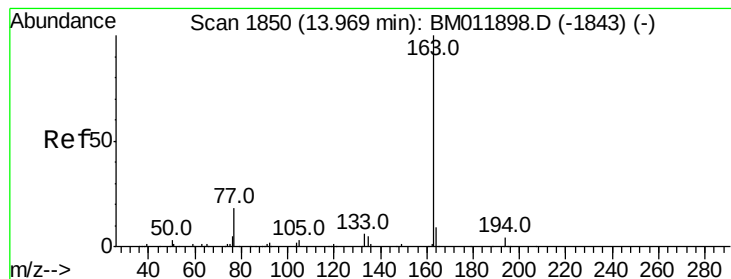
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.740 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

Instrument :

BNA_M

ClientSampleId :

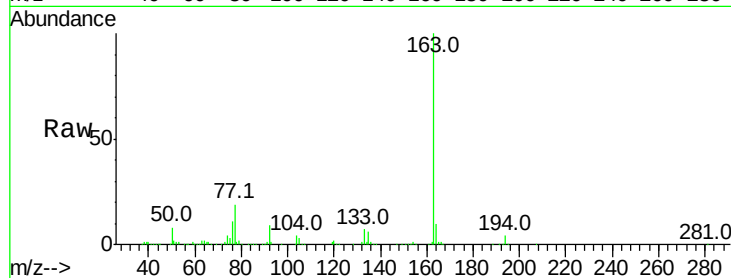
Tot Ion:163 Resp: 463398

Ion Ratio Lower Upper

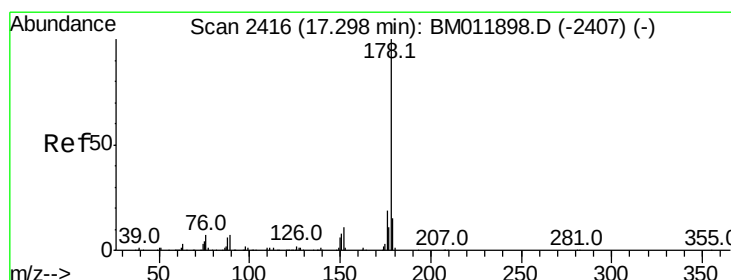
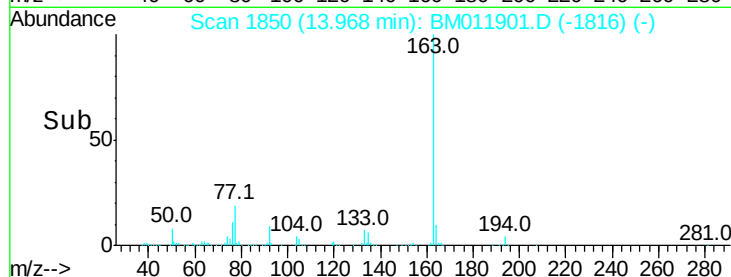
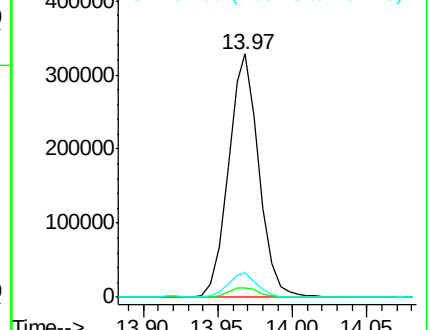
163 100

194 4.0 3.5 5.3

164 10.2 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: 5.317 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

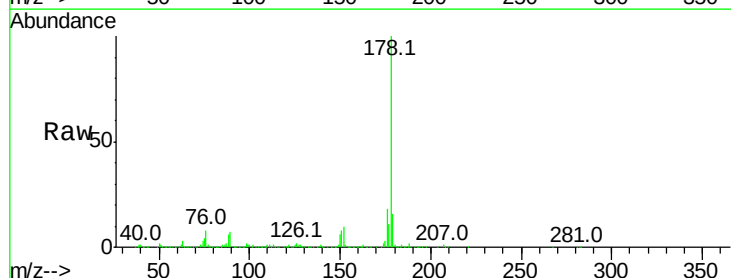
Tgt Ion:178 Resp: 672340

Ion Ratio Lower Upper

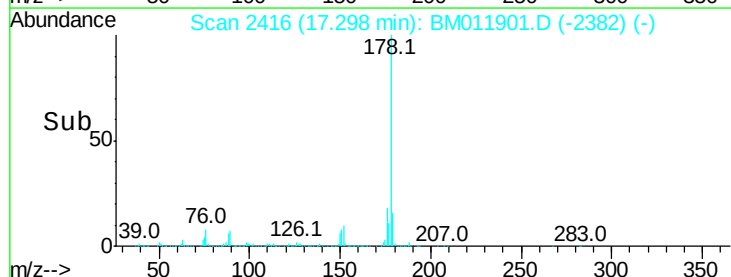
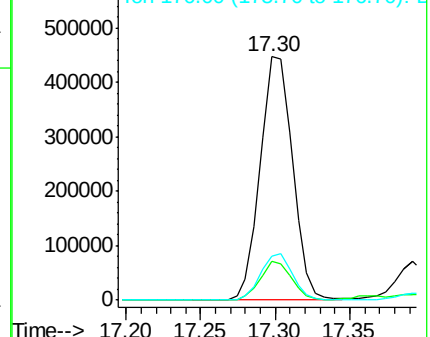
178 100

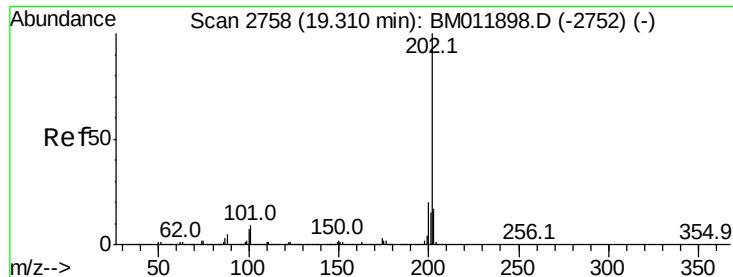
179 15.7 12.6 19.0

176 18.0 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: 9.048 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

Instrument :

BNA_M

ClientSampleId :

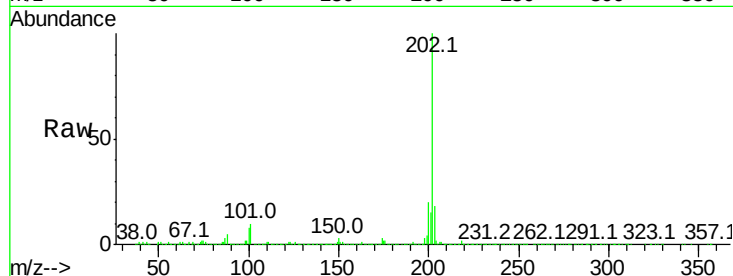
Tot Ion:202 Resp: 1395883

Ion Ratio Lower Upper

202 100

101 9.8 4.6 7.0#

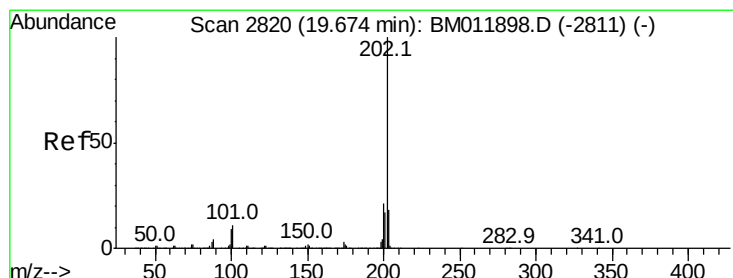
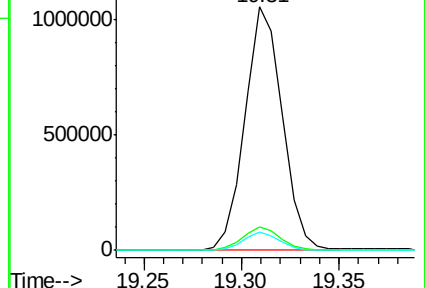
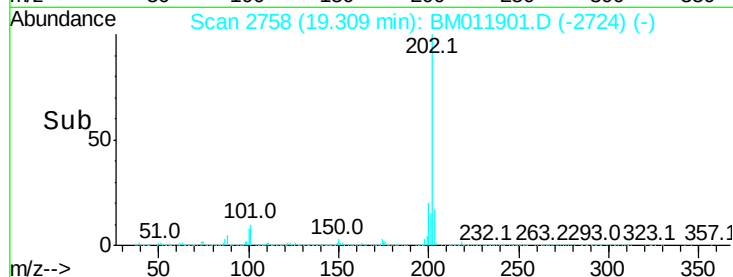
100 7.6 3.4 5.2#



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): B



#77

Pyrene

Concen: 9.082 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

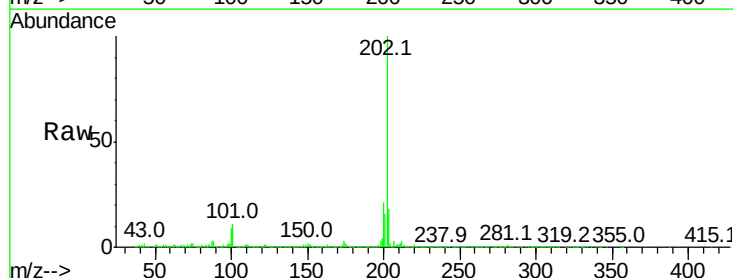
Tgt Ion:202 Resp: 1153745

Ion Ratio Lower Upper

202 100

101 11.0 5.1 7.7#

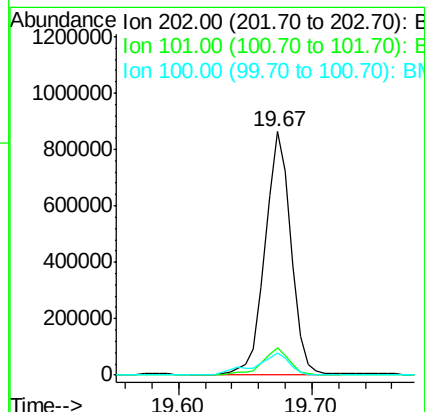
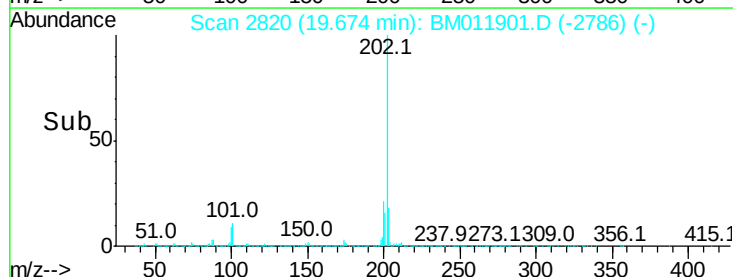
100 8.9 4.9 7.3#

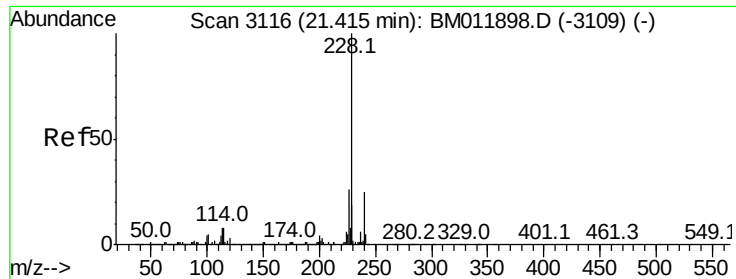


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.200 ng/ul

RT: 21.41 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

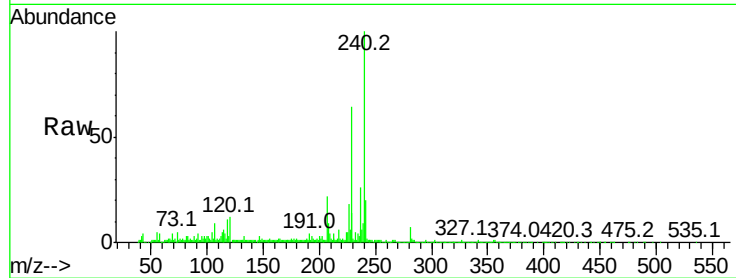
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 419990

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	28.1	21.4	32.0

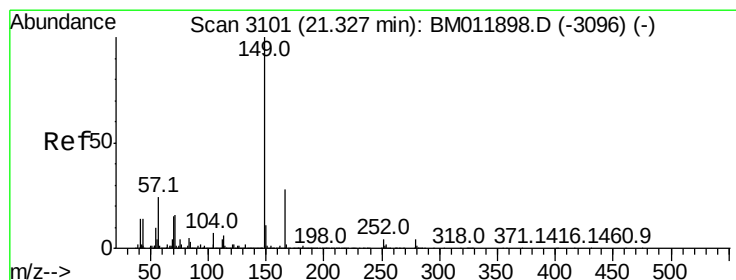
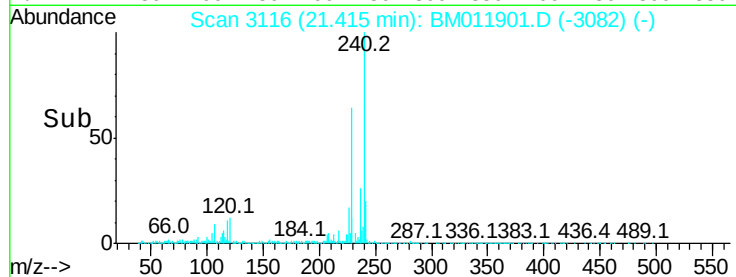
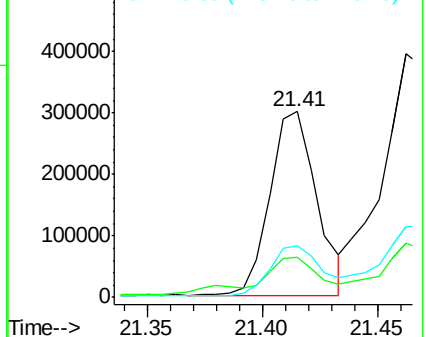


Abundance

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: 1.701 ng/ul

RT: 21.33 min Scan# 3101

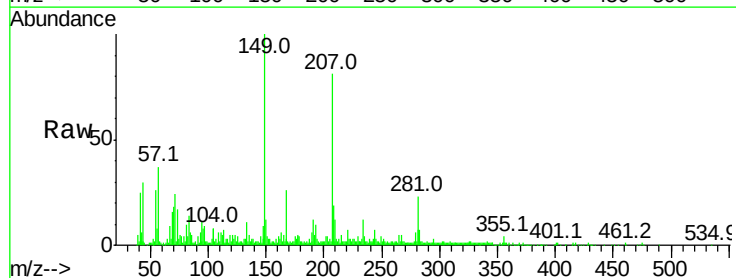
Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

Tgt Ion:149 Resp: 125910

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.8	34.2
279	5.8	4.9	7.3

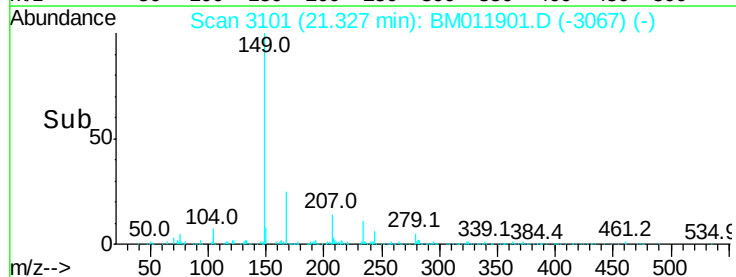
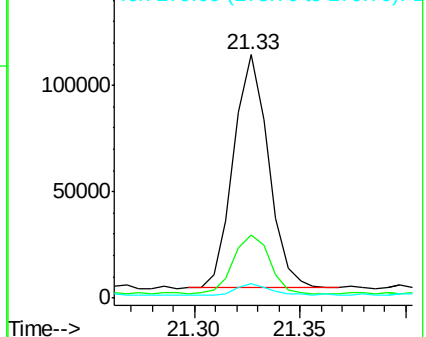


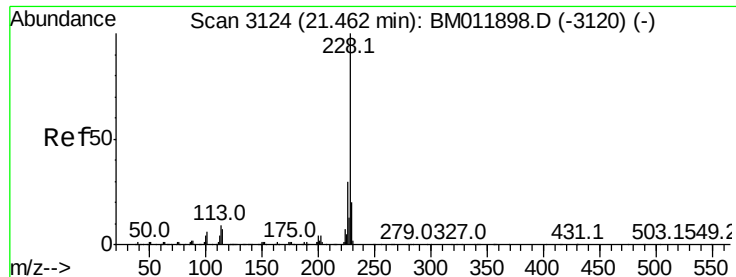
Abundance

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: 4.942 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

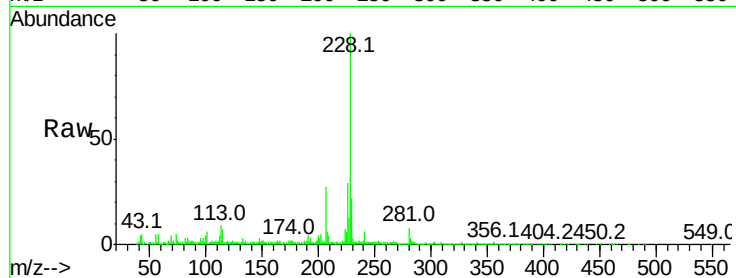
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 616244

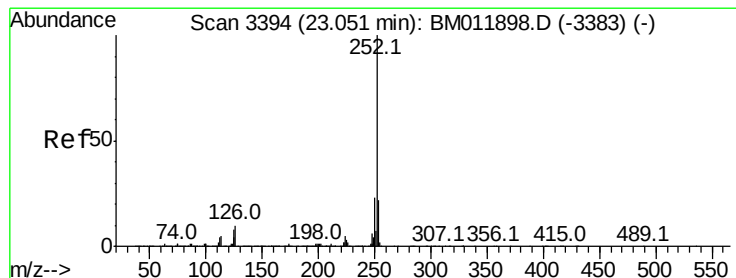
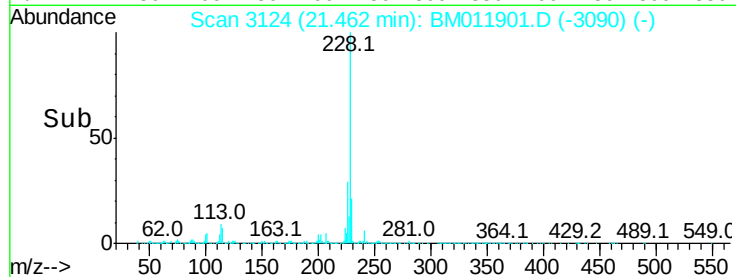
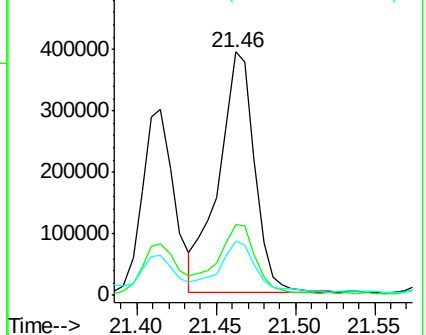
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.0	15.5	23.3



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: 4.973 ng/ul

RT: 23.05 min Scan# 3394

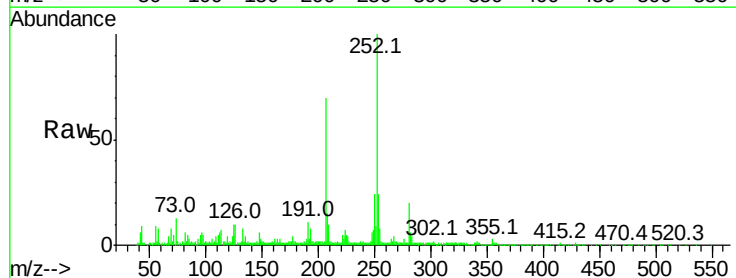
Delta R.T. -0.00 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

Tgt Ion:252 Resp: 590940

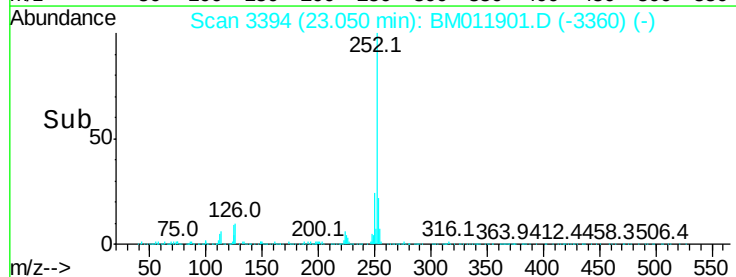
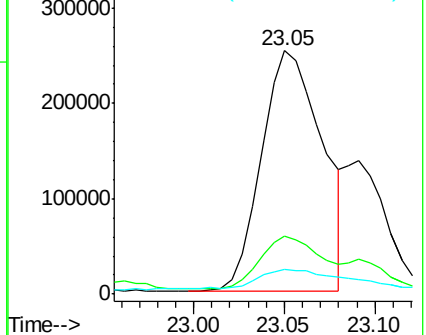
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	10.3	3.6	5.4

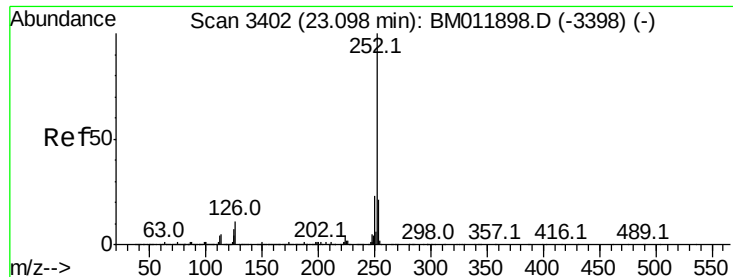


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 4.981 ng/ul

RT: 23.05 min Scan# 3394

Delta R.T. -0.05 min

Lab File: BM011901.D

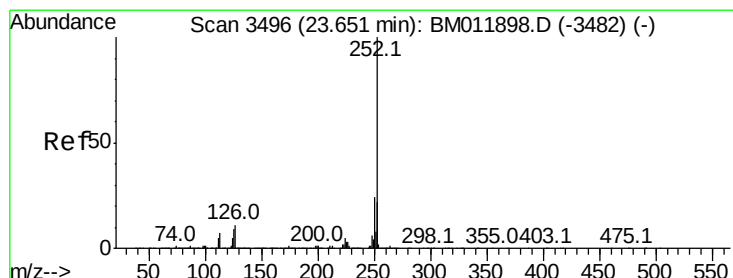
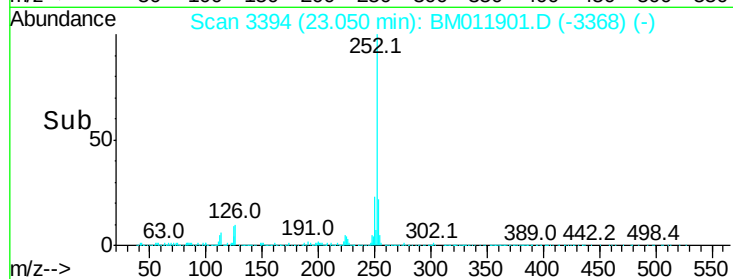
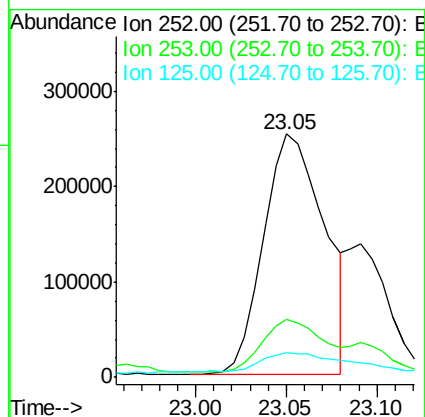
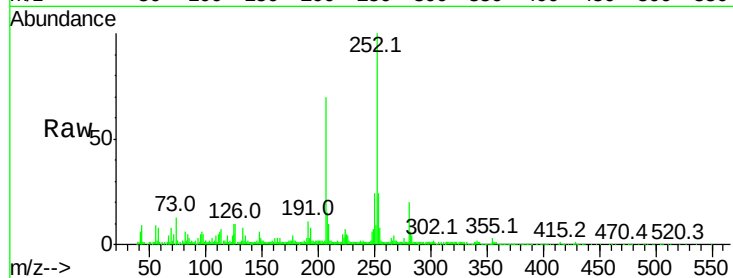
Acq: 04 Oct 2017 21:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	590940
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	10.3	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 2.743 ng/ul

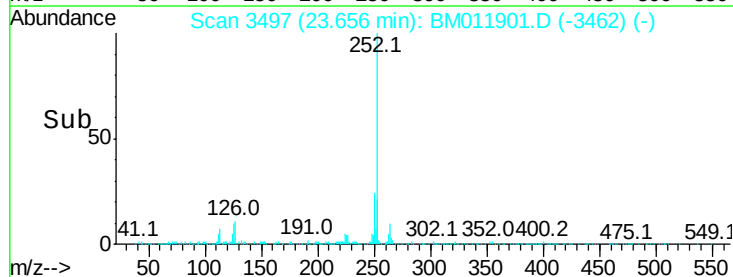
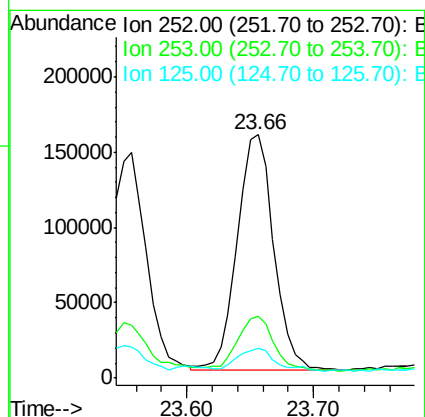
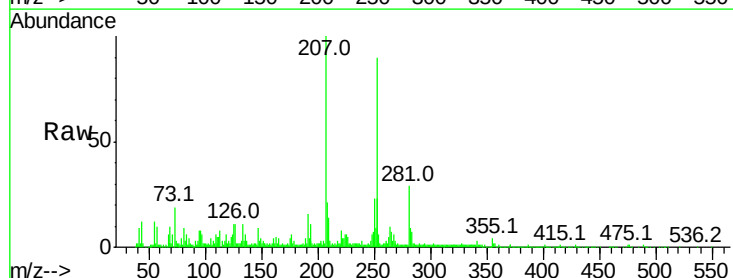
RT: 23.66 min Scan# 3497

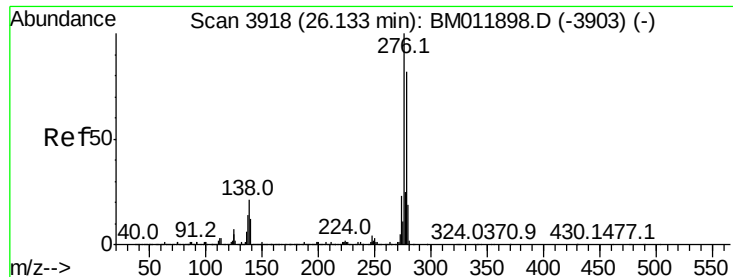
Delta R.T. 0.01 min

Lab File: BM011901.D

Acq: 04 Oct 2017 21:42

Tgt Ion:	252	Resp:	313199
Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.2
125	12.4	4.0	6.0#



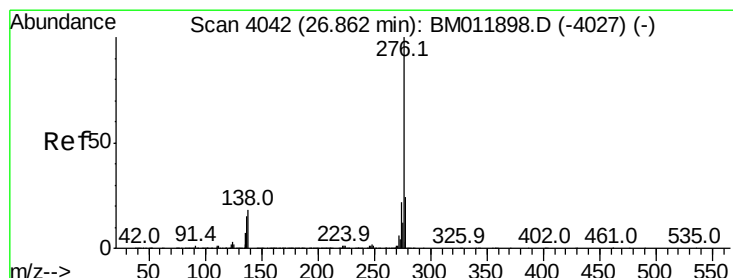
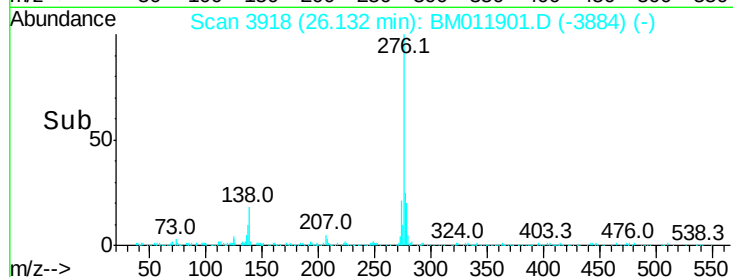
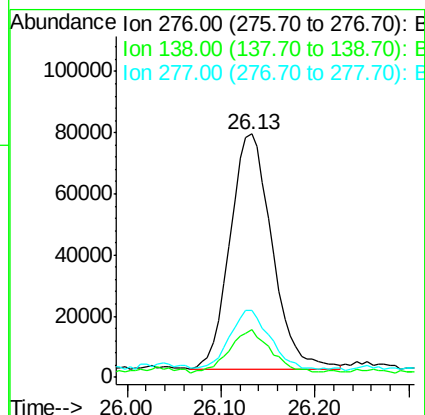
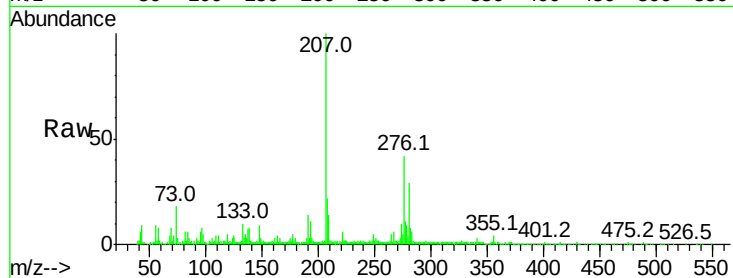


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.953 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. -0.00 min
Lab File: BM011901.D
Acq: 04 Oct 2017 21:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	9.3	13.9#
277	27.3	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.938 ng/ul
RT: 26.87 min Scan# 4043
Delta R.T. 0.01 min
Lab File: BM011901.D
Acq: 04 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	8.5	12.7#
277	25.6	18.6	28.0

