

Data File : BM024847.D
Acq On : 11 Feb 2020 22:53
Operator : CG/JU
Sample : L1405-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S1

Quant Time: Feb 12 04:43:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:40:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	326100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1253340	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	813297	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1735726	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1682122	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1780583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	22876	3.37	ng/uL	0.00
5) Phenol-d5	6.60	99	405624	18.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	239155	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	369188	19.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	336627	18.42	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	180257	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	208343	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	387862	17.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	447244	22.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1193241	19.44	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1408397	19.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	140626	14.10	ng/ul	0.00
58) Fluorene-d10	15.06	176	1031720	18.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	150766	13.33	ng/ul	0.00
71) Anthracene-d10	16.90	188	1534505	19.37	ng/ul	0.00
79) Pyrene-d10	19.21	212	1715999	20.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1806161	20.20	ng/ul	0.00

Target Compounds

					Qvalue	
77) Fluoranthene	18.87	202	150865	1.299	ng/ul	97
80) Pyrene	19.24	202	138494	1.244	ng/ul#	95
88) Benzo(b)fluoranthene	22.50	252	140204	1.238	ng/ul#	97
89) Benzo(k)fluoranthene	22.50	252	140204	1.287	ng/ul#	97

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

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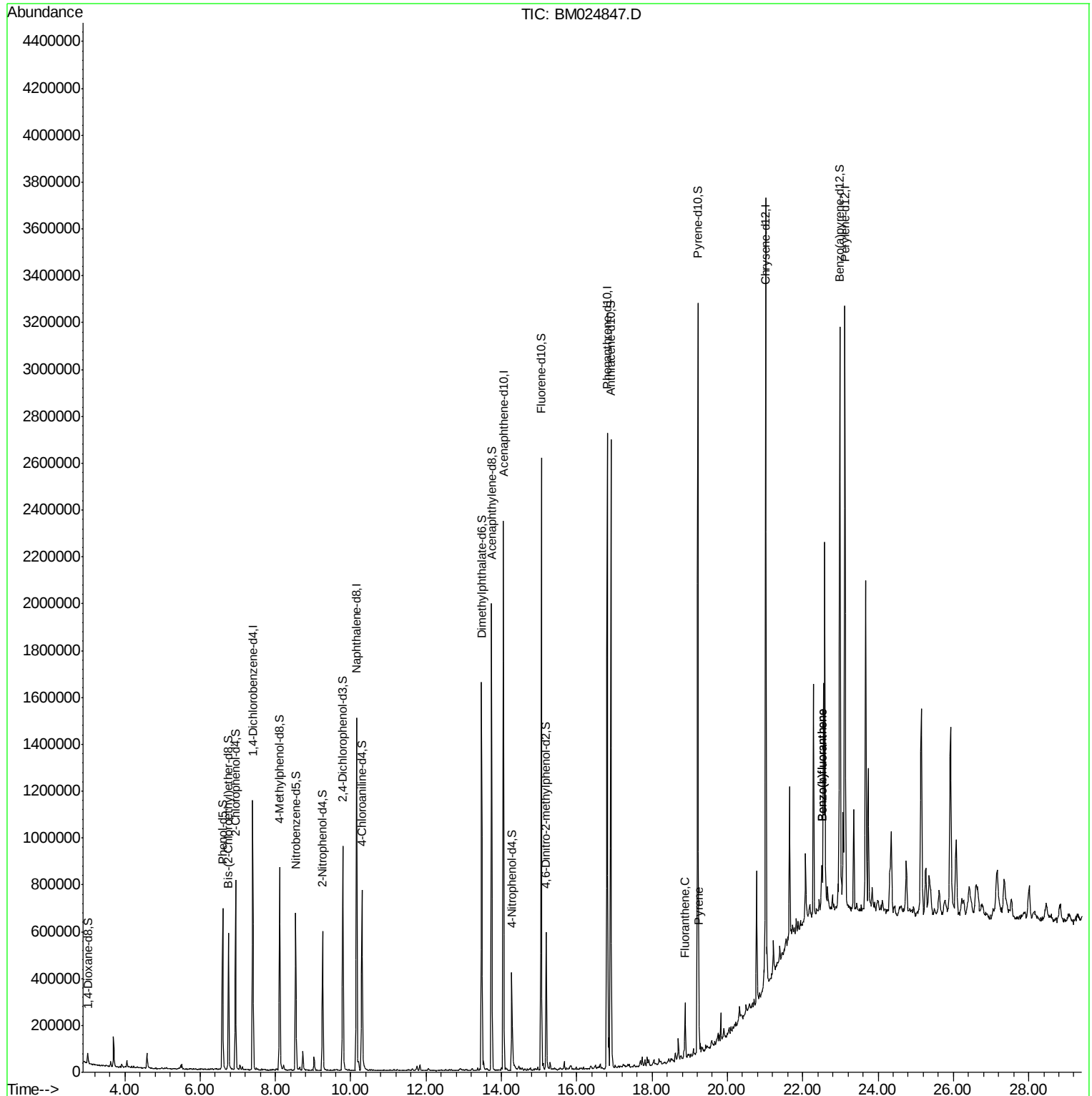
Quant Time: Feb 12 04:43:48 2020

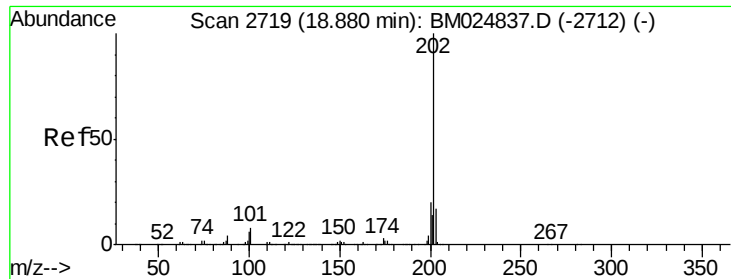
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M

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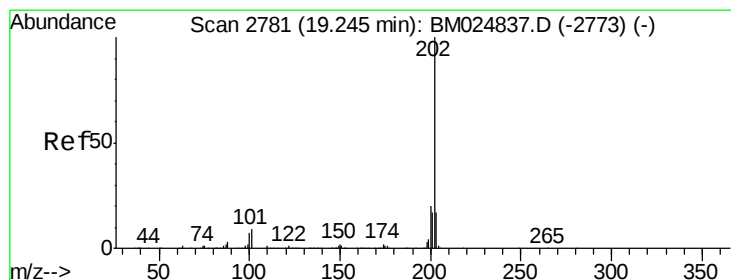
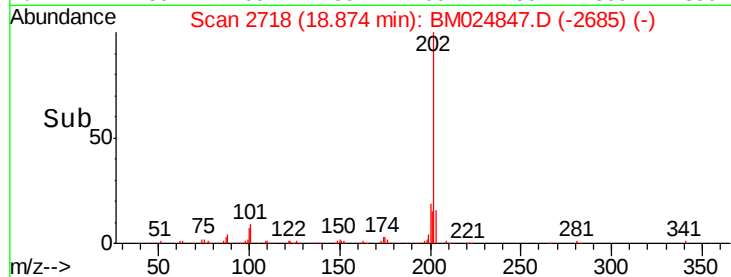
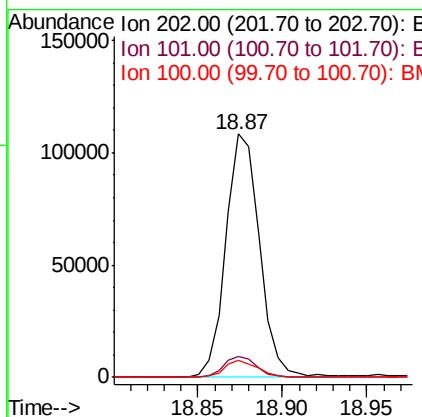
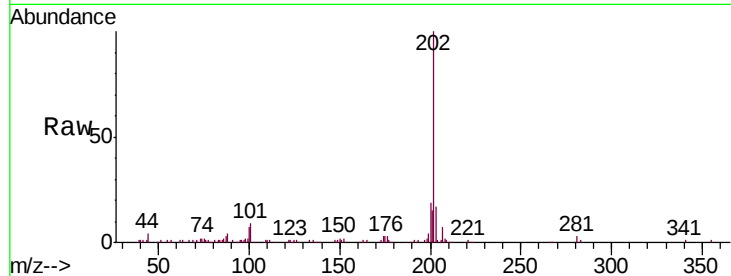




#77
Fluoranthene
 Concen: 1.299 ng/ul
 RT: 18.87 min Scan# 2718
 Delta R.T. -0.01 min
 Lab File: BM024847.D
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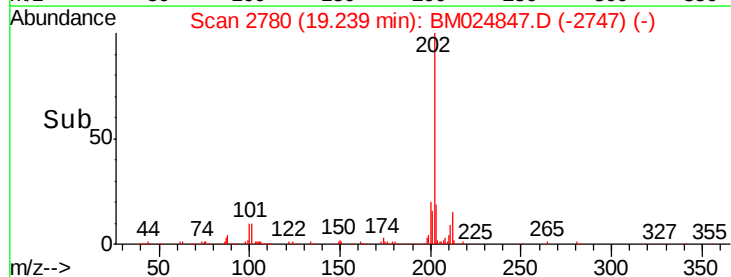
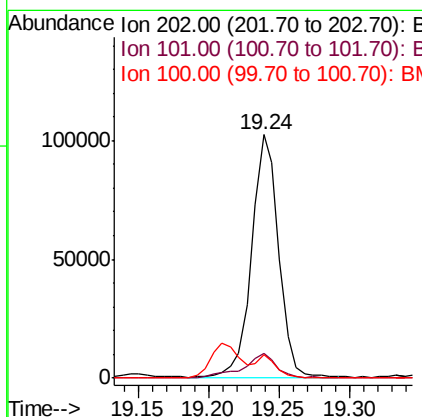
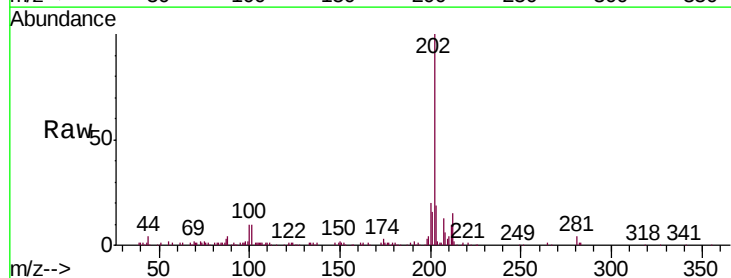
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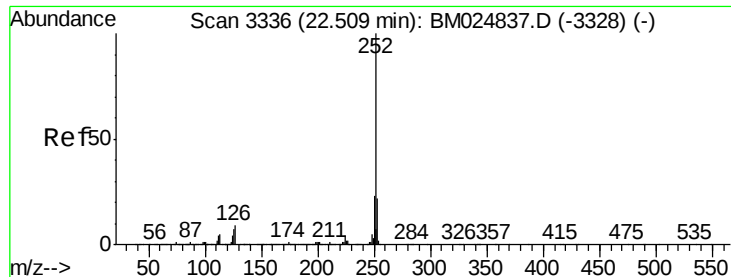
Tgt Ion:	202	Resp:	150865
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.1	9.1
100	7.2	4.8	7.2



#80
Pyrene
 Concen: 1.244 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM024847.D
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Tgt Ion:	202	Resp:	138494
Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.0	10.4
100	9.6	5.8	8.8#





#88

Benzo(b)fluoranthene

Concen: 1.238 ng/ul

RT: 22.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BM024847.D

Acq: 11 Feb 2020 22:53

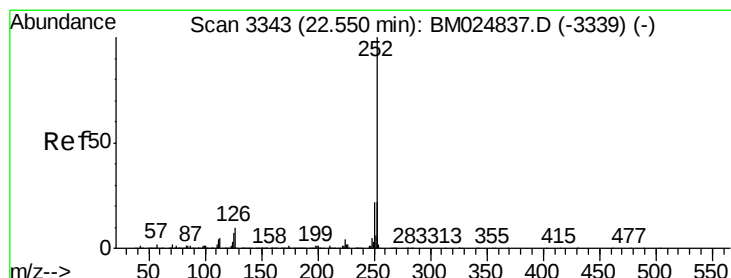
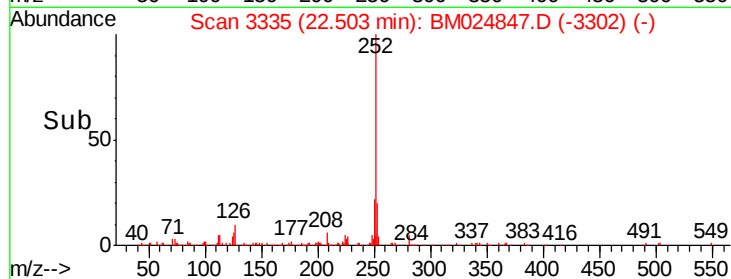
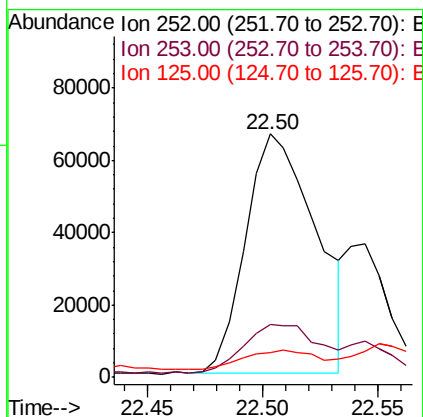
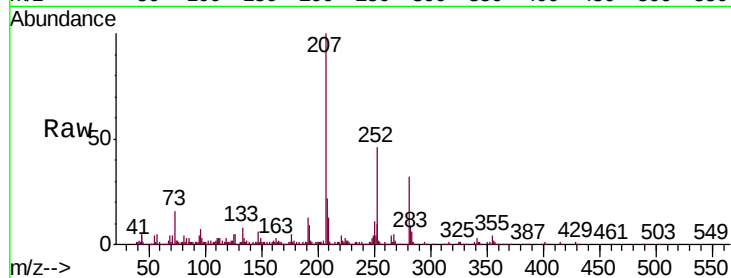
Instrument :

BNA_M

ClientSampleId :

CB6S1

Tgt Ion:	252	Resp:	140204
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.3	25.9
125	10.2	5.1	7.7#



#89

Benzo(k)fluoranthene

Concen: 1.287 ng/ul

RT: 22.50 min Scan# 3335

Delta R.T. -0.05 min

Lab File: BM024847.D

Acq: 11 Feb 2020 22:53

Tgt Ion:	252	Resp:	140204
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.0
125	10.2	5.1	7.7#

