

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040819\
 Data File : BM019823.D
 Acq On : 09 Apr 2019 08:58
 Operator : JU/SJ
 Sample : K2188-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 09 11:26:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 07:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	170121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	660215	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	345608	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	712339	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	824958	20.00	ng/ul	0.02
86) Perylene-d12	23.43	264	938684	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	26310	6.06	ng/uL	0.00
5) Phenol-d5	6.76	99	211608	13.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	135147	13.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	180711	15.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	167710	14.75	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	81399	17.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	78713	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	149205	15.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.52	131	127918	10.77	ng/ul	0.01
44) Dimethylphthalate-d6	13.65	166	474426	17.01	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	556701	15.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	2392	0.55	ng/ul	-0.04
58) Fluorene-d10	15.23	176	376512	15.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	653	0.14	ng/ul	0.00
71) Anthracene-d10	17.09	188	567143	16.59	ng/ul	0.00
79) Pyrene-d10	19.40	212	583134	15.30	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.29	264	673246	13.53	ng/ul	0.03

Target Compounds

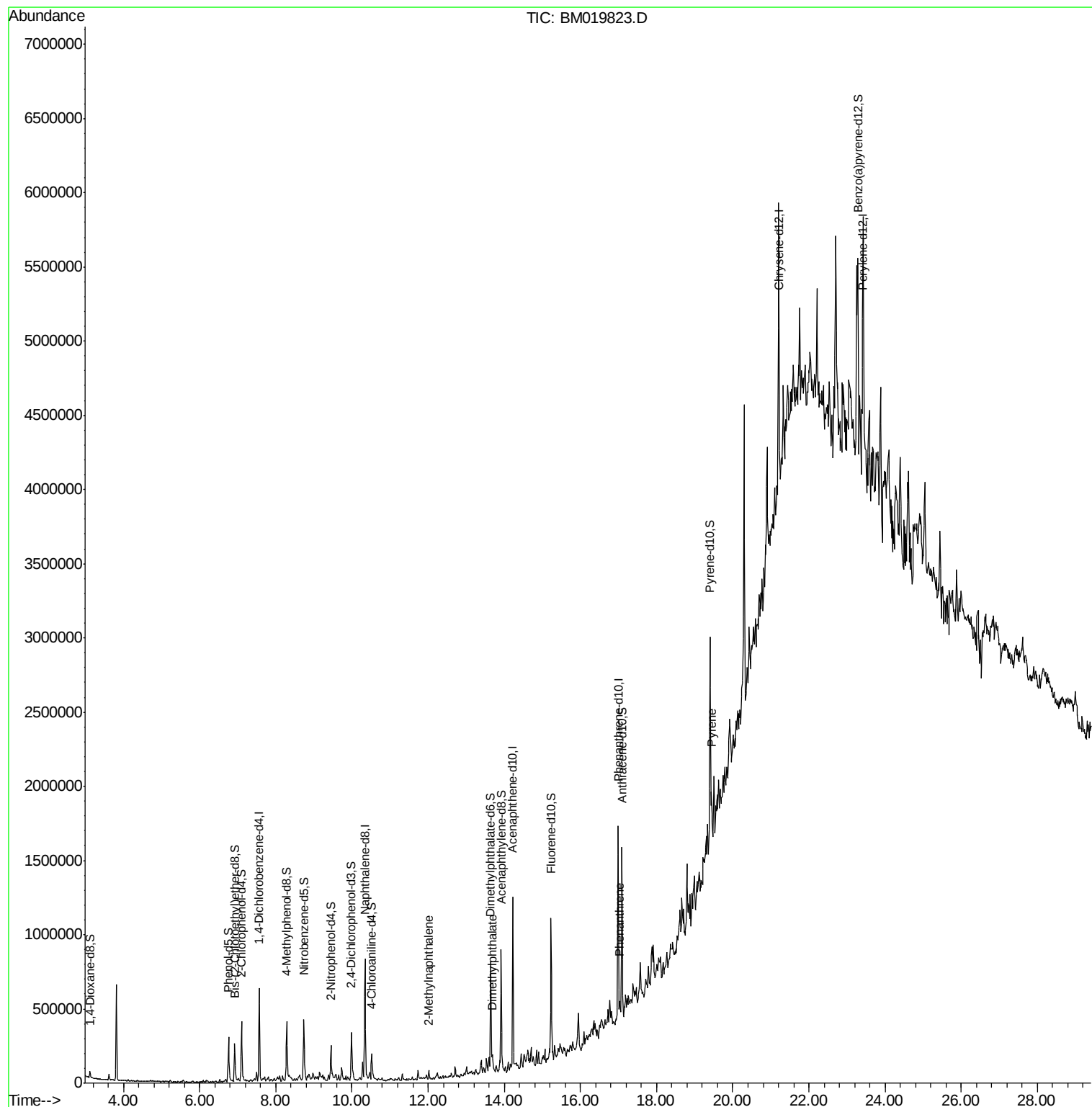
					Ovalue	
34) 2-Methylnaphthalene	12.02	142	30401	1.269	ng/ul	100
45) Dimethylphthalate	13.69	163	64425	2.303	ng/ul#	98
70) Phenanthrene	17.03	178	50356	1.247	ng/ul#	93
80) Pyrene	19.43	202	76742	1.546	ng/ul#	71

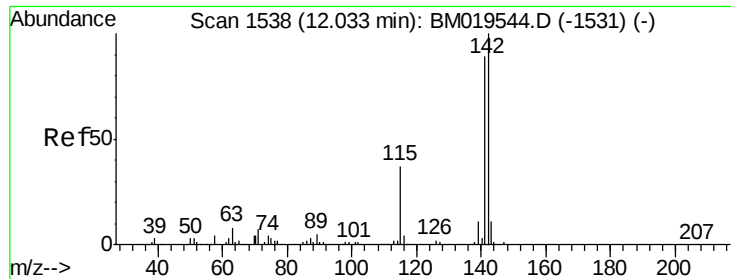
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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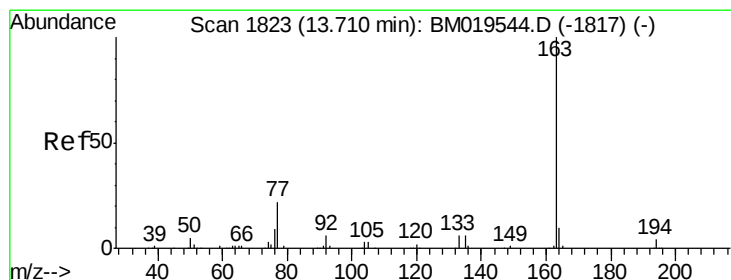
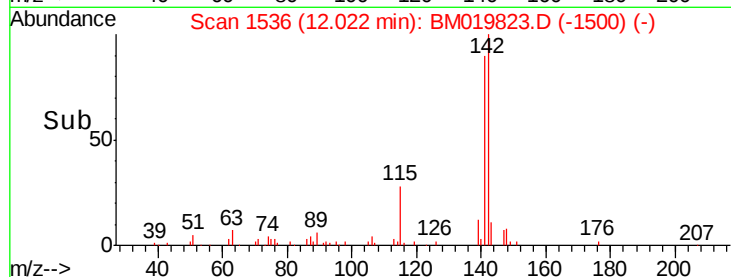
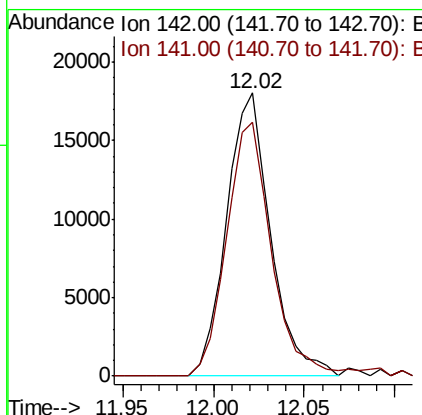
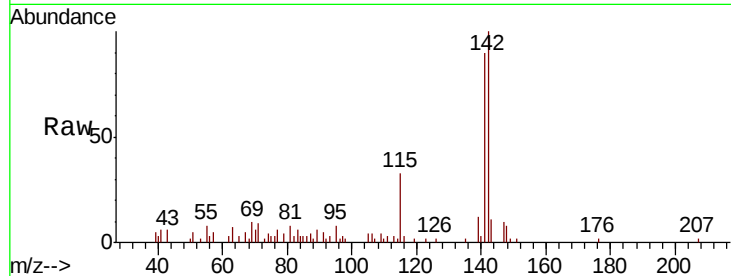




#34
2-Methylnaphthalene
Concen: 1.269 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BM019823.D
Acq: 09 Apr 2019 08:58

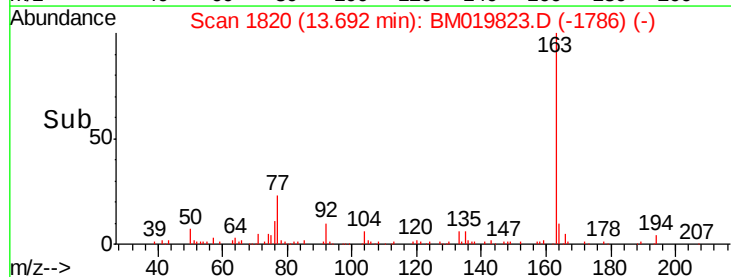
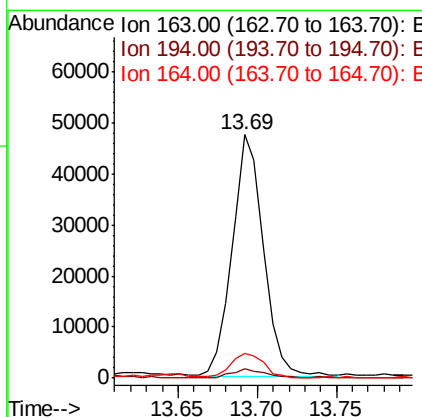
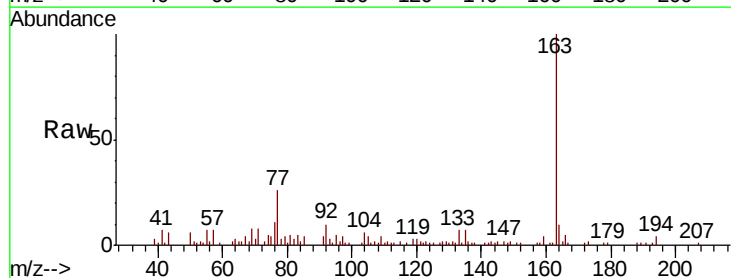
Instrument :
BNA_M
ClientSampleId :

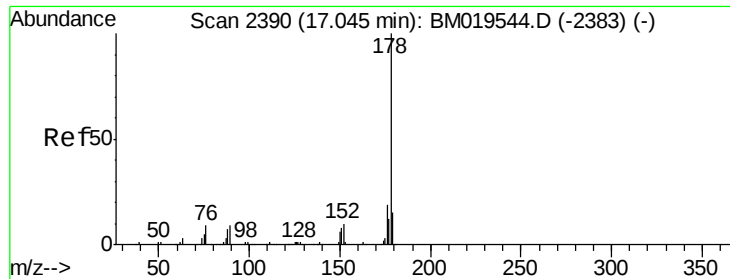
Tot Ion:142 Resp: 30401
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2



#45
Dimethylphthalate
Concen: 2.303 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BM019823.D
Acq: 09 Apr 2019 08:58

Tgt Ion:163 Resp: 64425
Ion Ratio Lower Upper
163 100
194 3.6 4.0 6.0#
164 10.2 8.4 12.6





#70

Phenanthrene

Concen: 1.247 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BM019823.D

Acq: 09 Apr 2019 08:58

Instrument :

BNA_M

ClientSampleId :

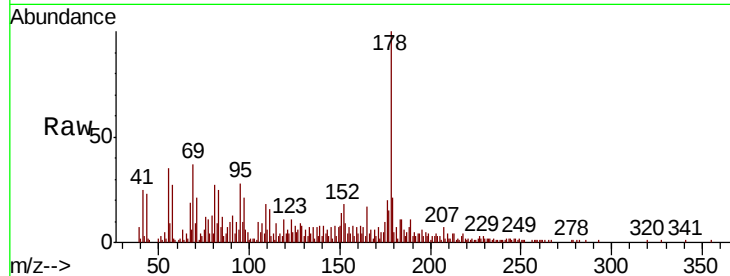
Tot Ion:178 Resp: 50356

Ion Ratio Lower Upper

178 100

179 21.1 12.3 18.5#

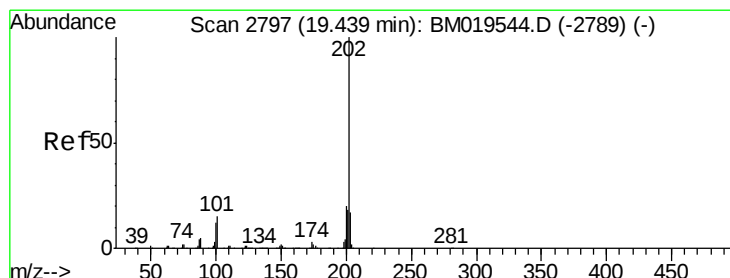
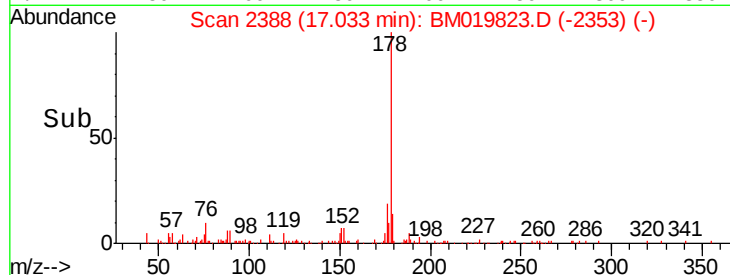
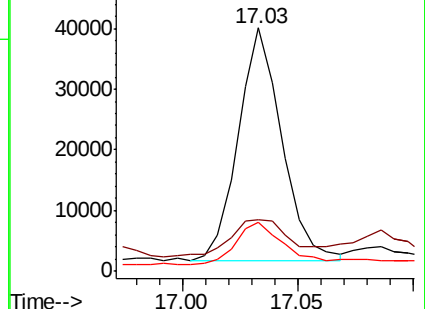
176 20.3 15.4 23.0



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



#80

Pyrene

Concen: 1.546 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BM019823.D

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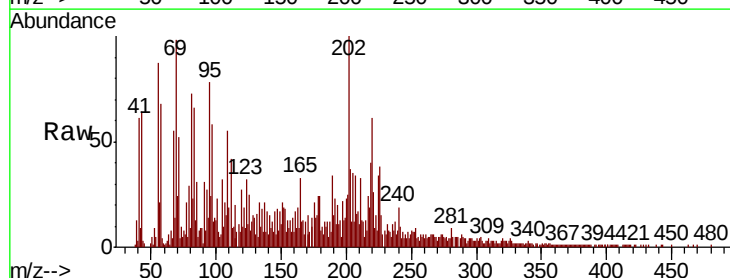
Tgt Ion:202 Resp: 76742

Ion Ratio Lower Upper

202 100

101 22.7 6.9 10.3#

100 12.9 5.6 8.4#



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

