

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM032118\
 Data File : BM014643.D
 Acq On : 21 Mar 2018 16:20
 Operator : SJ/JU
 Sample : J1935-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 22 01:50:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:49:10 2018
 Response via : Initial Calibration

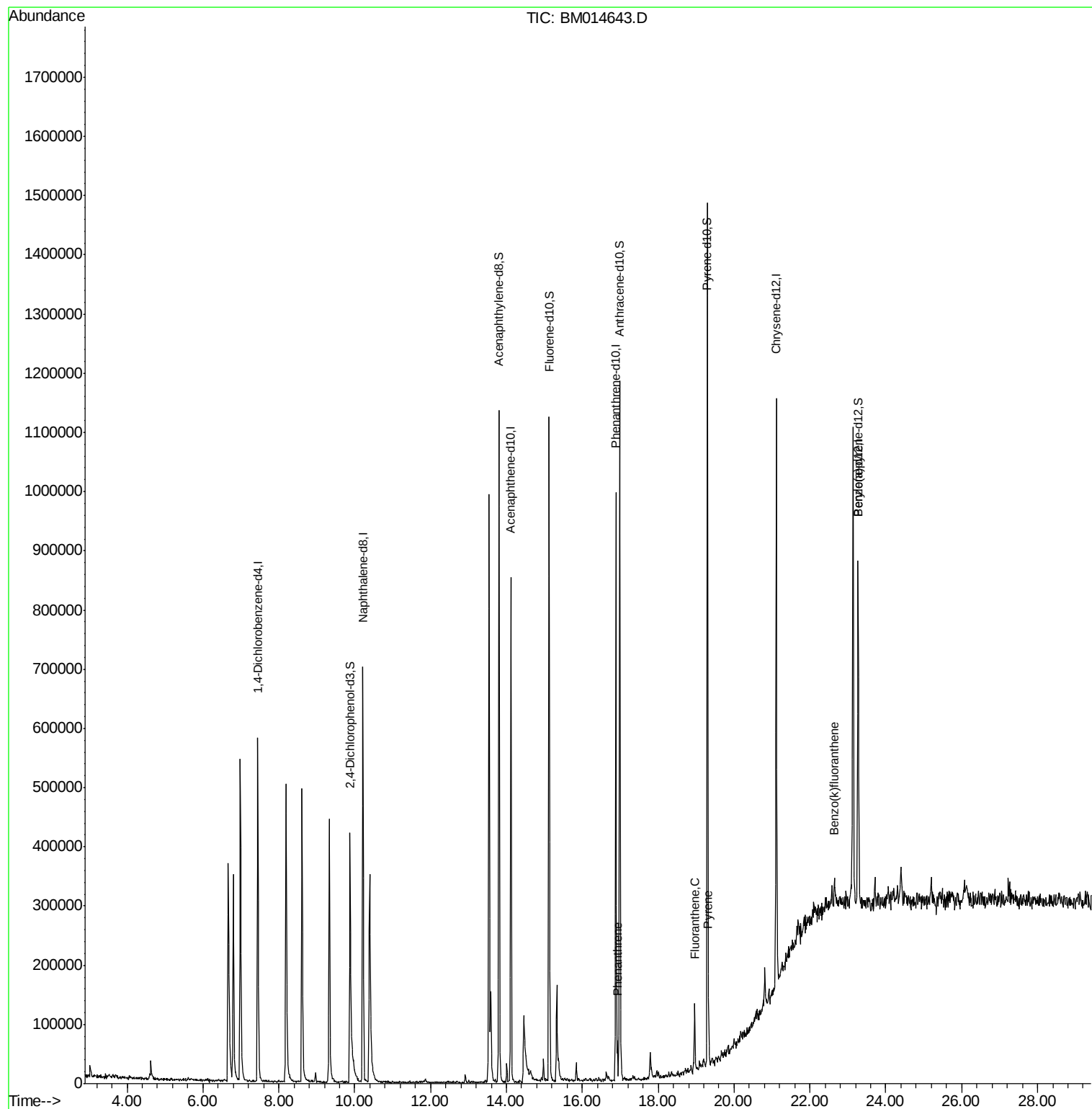
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	136537	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	500598	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	243827	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.88	188	512287	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	417672	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	369775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	143914	18.60	ng/ul	0.00
7) Acenaphthylene-d8	13.80	160	706552	27.11	ng/ul	0.00
10) Fluorene-d10	15.12	176	438428	25.68	ng/ul	0.00
15) Anthracene-d10	16.99	188	616889	25.15	ng/ul	0.00
19) Pyrene-d10	19.30	212	664640	26.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	367946	20.57	ng/ul	0.13
Target Compounds				Qvalue		
14) Phenanthrene	16.93	178	36531	1.273	ng/ul#	89
17) Fluoranthene	18.96	202	61202	1.879	ng/ul#	97
20) Pyrene	19.33	202	52389	1.668	ng/ul#	94
25) Benzo(k)fluoranthene	22.63	252	25139	1.138	ng/ul#	75

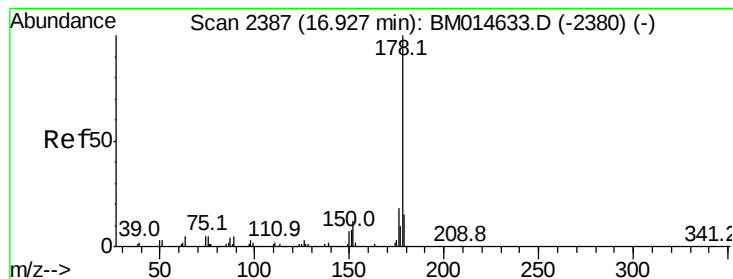
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.273 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM014643.D

Acq: 21 Mar 2018 16:20

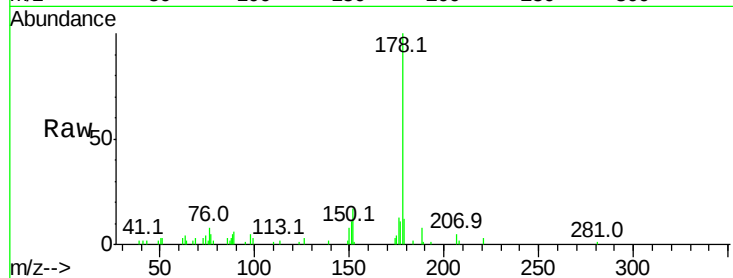
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 36531

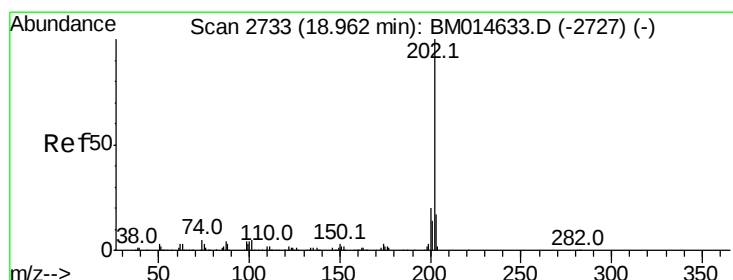
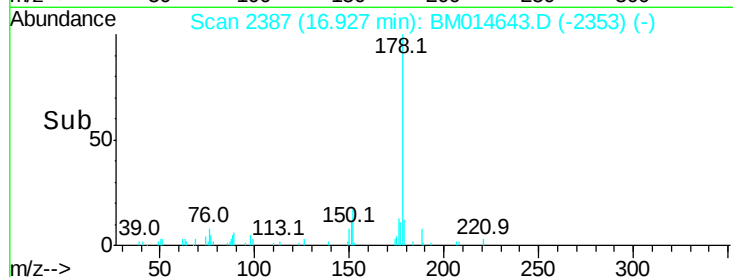
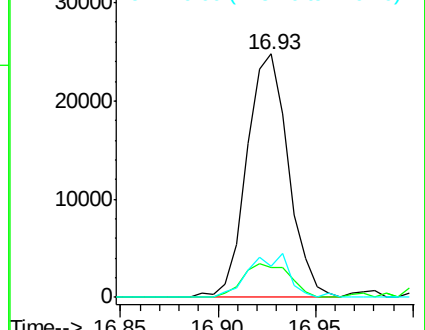
Ion	Ratio	Lower	Upper
178	100		
179	12.0	12.6	19.0#
176	12.9	14.9	22.3#



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



#17

Fluoranthene

Concen: 1.879 ng/ul

RT: 18.96 min Scan# 2733

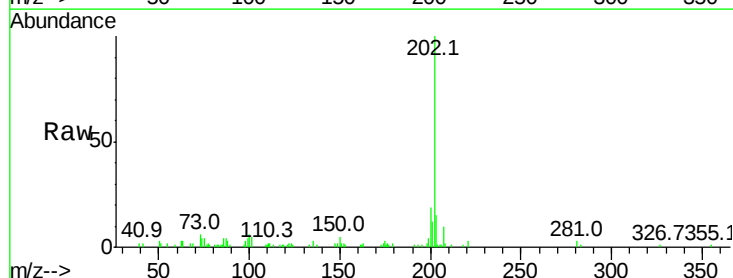
Delta R.T. 0.00 min

Lab File: BM014643.D

Acq: 21 Mar 2018 16:20

Tgt Ion:202 Resp: 61202

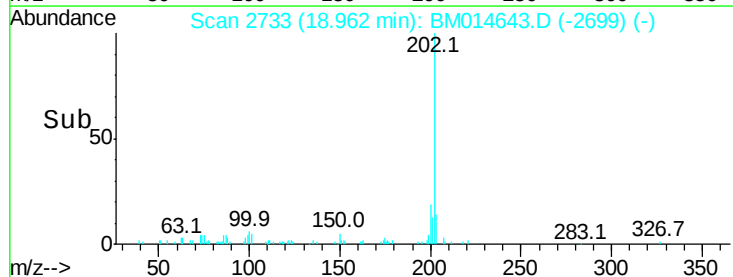
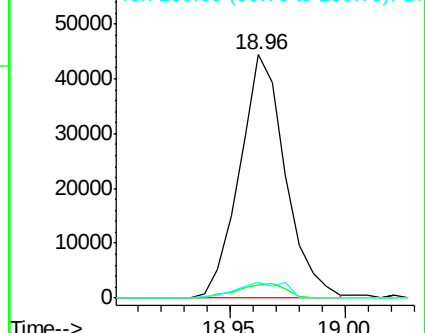
Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
100	6.2	3.4	5.2#

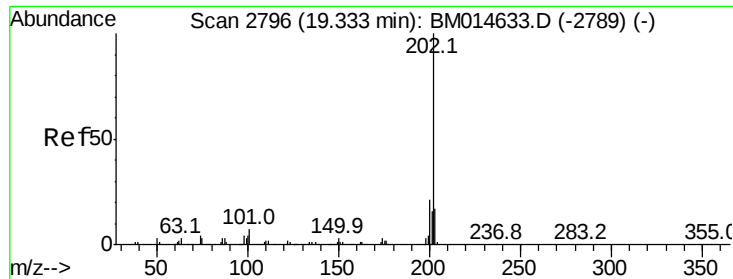


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

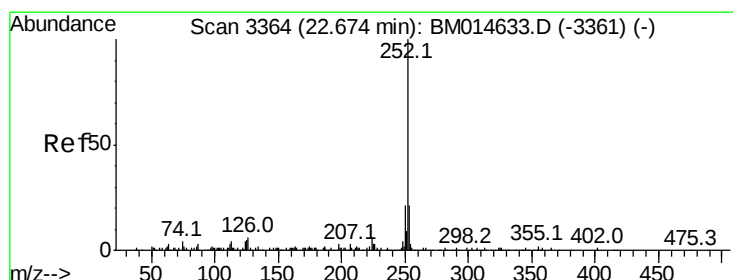
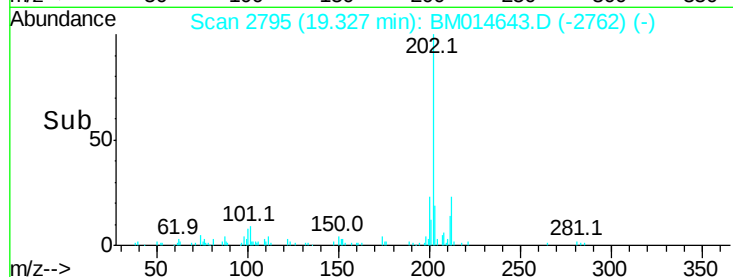
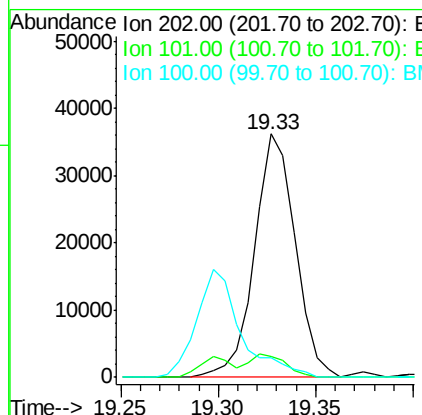
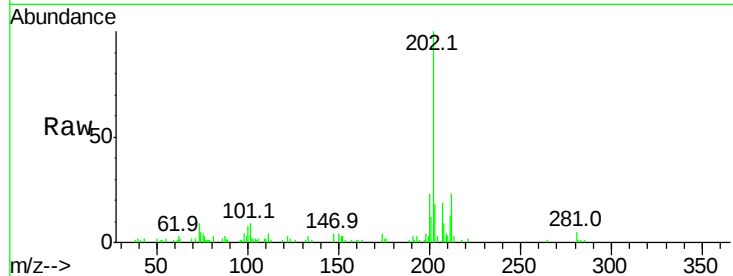




#20
Pvrene
Concen: 1.668 ng/ul
RT: 19.33 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM014643.D
Acq: 21 Mar 2018 16:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.9	4.9	7.3#



#25
Benzo(k)fluoranthene
Concen: 1.138 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM014643.D
Acq: 21 Mar 2018 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.1	25.7#
125	10.4	3.4	5.2#

