

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014839.D
 Acq On : 25 Apr 2018 18:20
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 26 02:01:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	286949	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1226416	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.11	164	662970	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1458456	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1513949	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1601242	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	27971	4.26	ng/uL	0.00
5) Phenol-d5	7.62	99	470267	21.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	333241	23.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	406091	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	327633	18.52	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	184316	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	189742	21.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	354305	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	386300	21.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1136830	21.97	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	1280732	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	162585	16.93	ng/ul	0.00
57) Fluorene-d10	16.09	176	980051	21.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	119096	15.09	ng/ul	0.00
70) Anthracene-d10	17.92	188	1499790	22.07	ng/ul	0.00
76) Pyrene-d10	20.16	212	1667619	23.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	1918836	24.39	ng/ul	0.00

Target Compounds

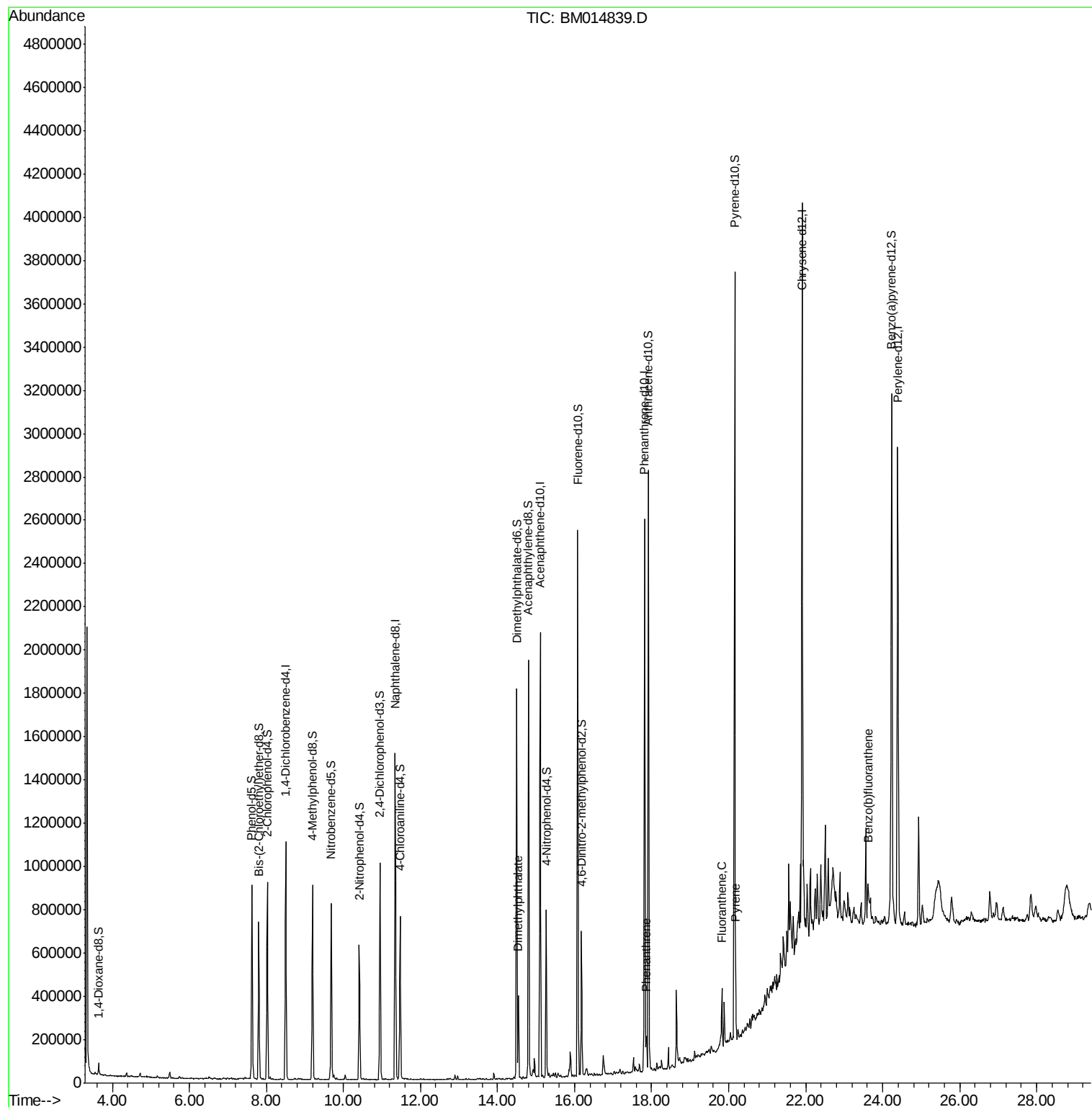
				Ovalue	
44) Dimethylphthalate	14.54	163	239473	4.787	ng/ul 99
69) Phenanthrene	17.86	178	84585	1.080	ng/ul 99
74) Fluoranthene	19.83	202	154790	1.813	ng/ul# 83
77) Pyrene	20.19	202	131573	1.487	ng/ul# 80
85) Benzo(b)fluoranthene	23.63	252	96757	1.025	ng/ul# 89

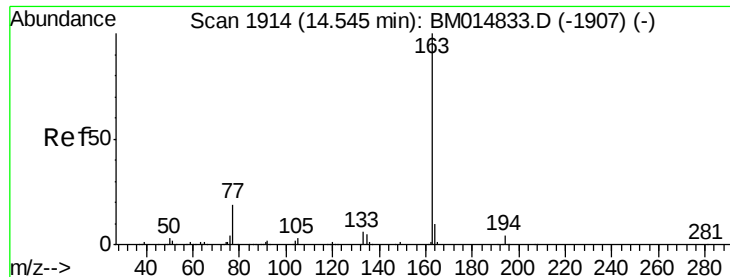
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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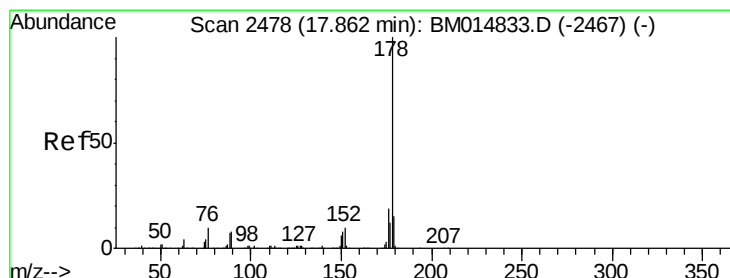
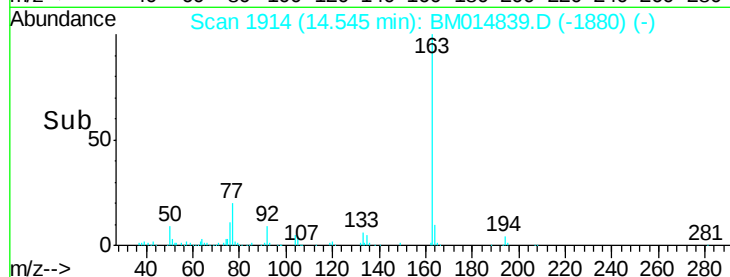
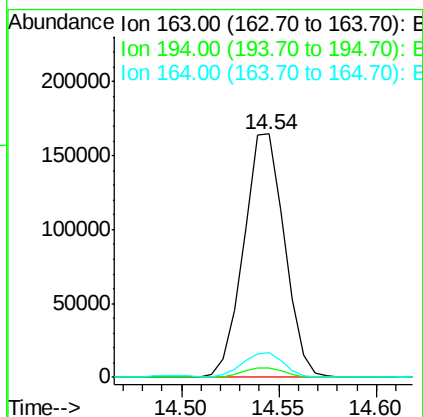
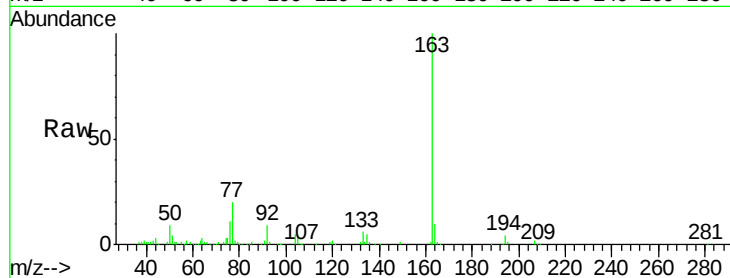




#44
Dimethylphthalate
Concen: 4.787 ng/ul
RT: 14.54 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM014839.D
Acq: 25 Apr 2018 18:20

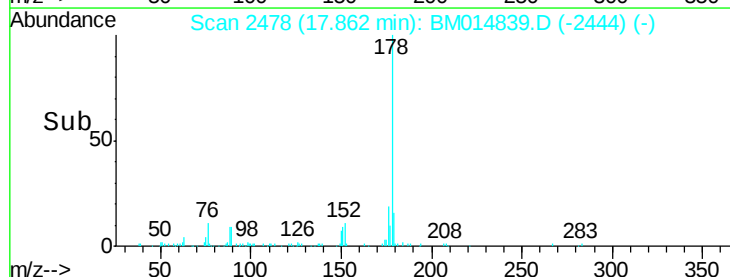
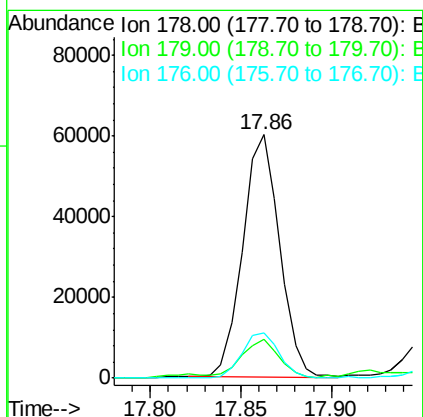
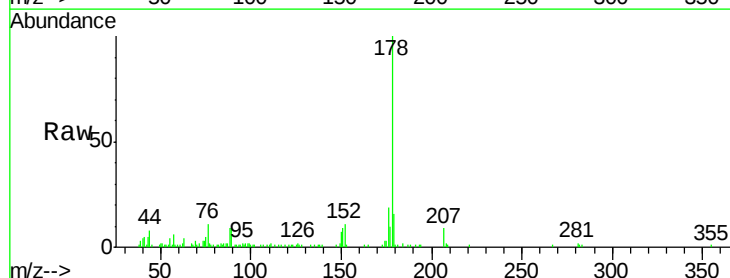
Instrument :
BNA_M
ClientSampleId :

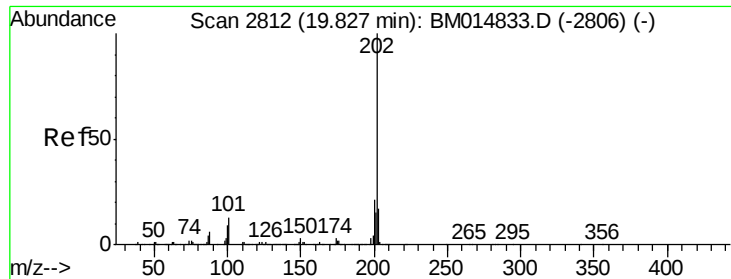
Tot Ion:163 Resp: 239473
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.9 8.2 12.4



#69
Phenanthrene
Concen: 1.080 ng/ul
RT: 17.86 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM014839.D
Acq: 25 Apr 2018 18:20

Tgt Ion:178 Resp: 84585
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 18.8 14.9 22.3

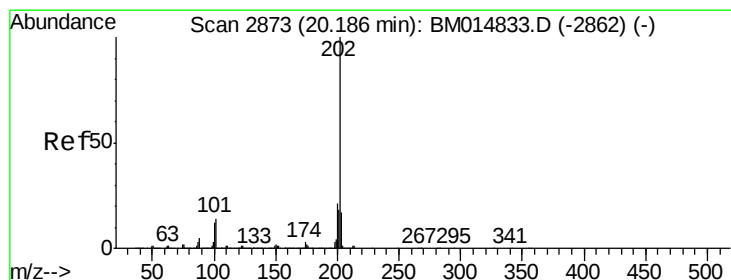
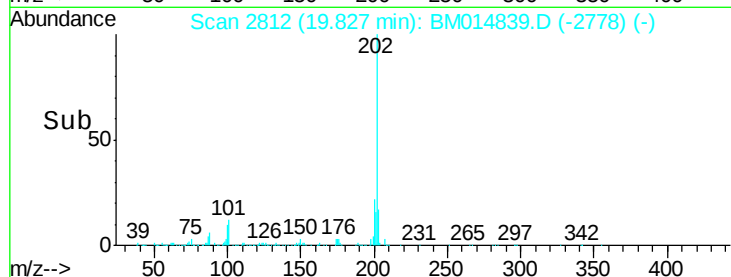
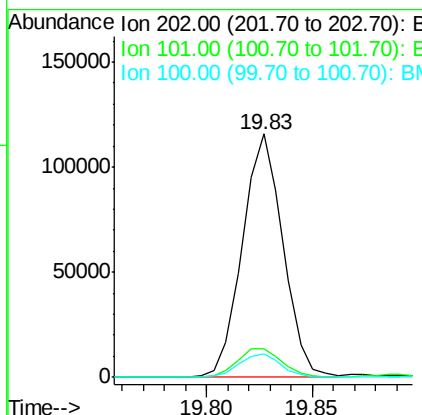
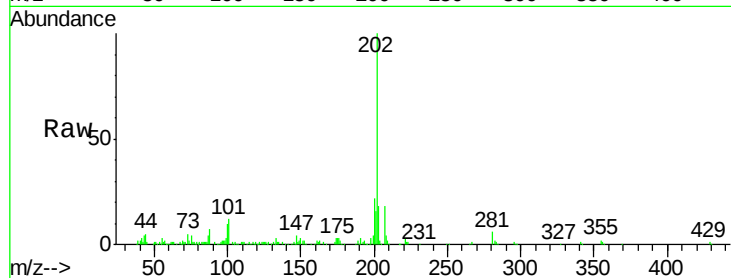




#74
 Fluoranthene
 Concen: 1.813 ng/ul
 RT: 19.83 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BM014839.D
 Acq: 25 Apr 2018 18:20

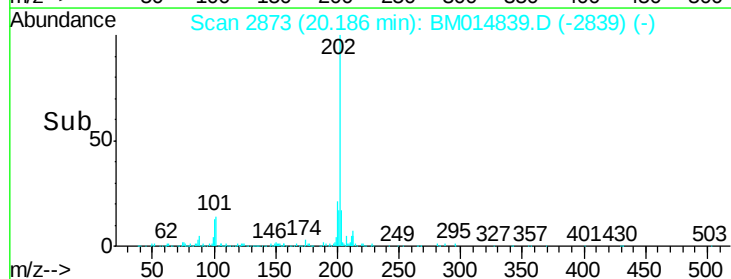
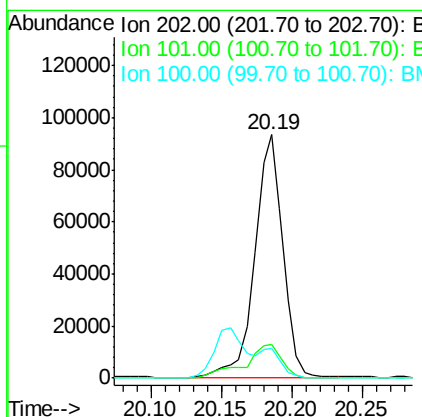
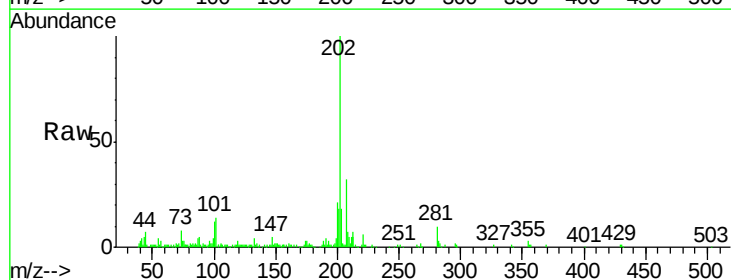
Instrument :
 BNA_M
 ClientSampleId :

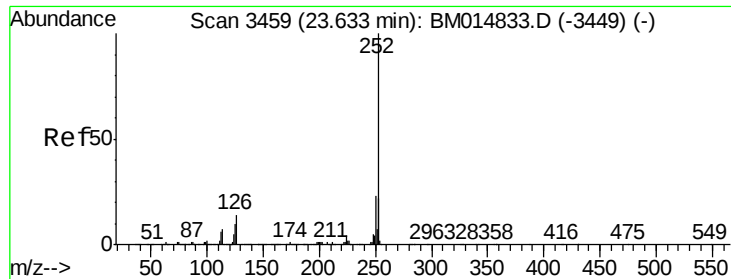
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	4.6	7.0#
100	9.6	3.4	5.2#



#77
 Pyrene
 Concen: 1.487 ng/ul
 RT: 20.19 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BM014839.D
 Acq: 25 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	5.1	7.7#
100	12.5	4.9	7.3#





#85

Benzo(b)fluoranthene

Concen: 1.025 ng/ul

RT: 23.63 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BM014839.D

Acq: 25 Apr 2018 18:20

Instrument :

BNA_M

ClientSampleId :

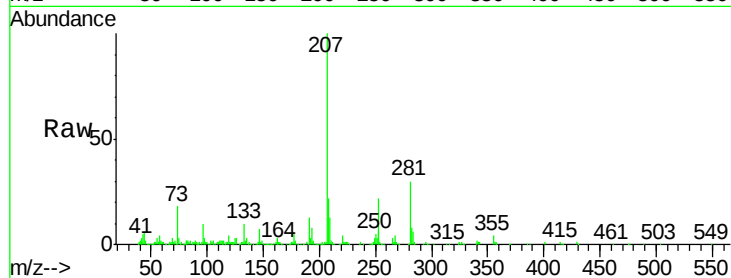
Tot Ion:252 Resp: 96757

Ion Ratio Lower Upper

252 100

253 25.8 17.9 26.9

125 14.5 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

