

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012159.D
 Acq On : 14 Oct 2017 06:15
 Operator : SJ/JU
 Sample : I5649-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-59(5-7)-100317

Quant Time: Oct 15 05:49:31 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 05:27:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	21625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	55160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	11313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	11429	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	9540	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	9539	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.23	96	130	0.29	ng/uL	0.00
5) Phenol-d5	7.00	99	23068	13.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	19488	18.52	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	24670	16.58	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	13715	9.08	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	9301	22.10	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	9091	18.48	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.27	165	8835	9.41	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.89	166	16710	16.71	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	22724	18.77	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.47	176	10593	12.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.32	188	12345	21.84	ng/ul	0.00
76) Pyrene-d10	19.62	212	11211	23.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	8777	19.09	ng/ul	0.00

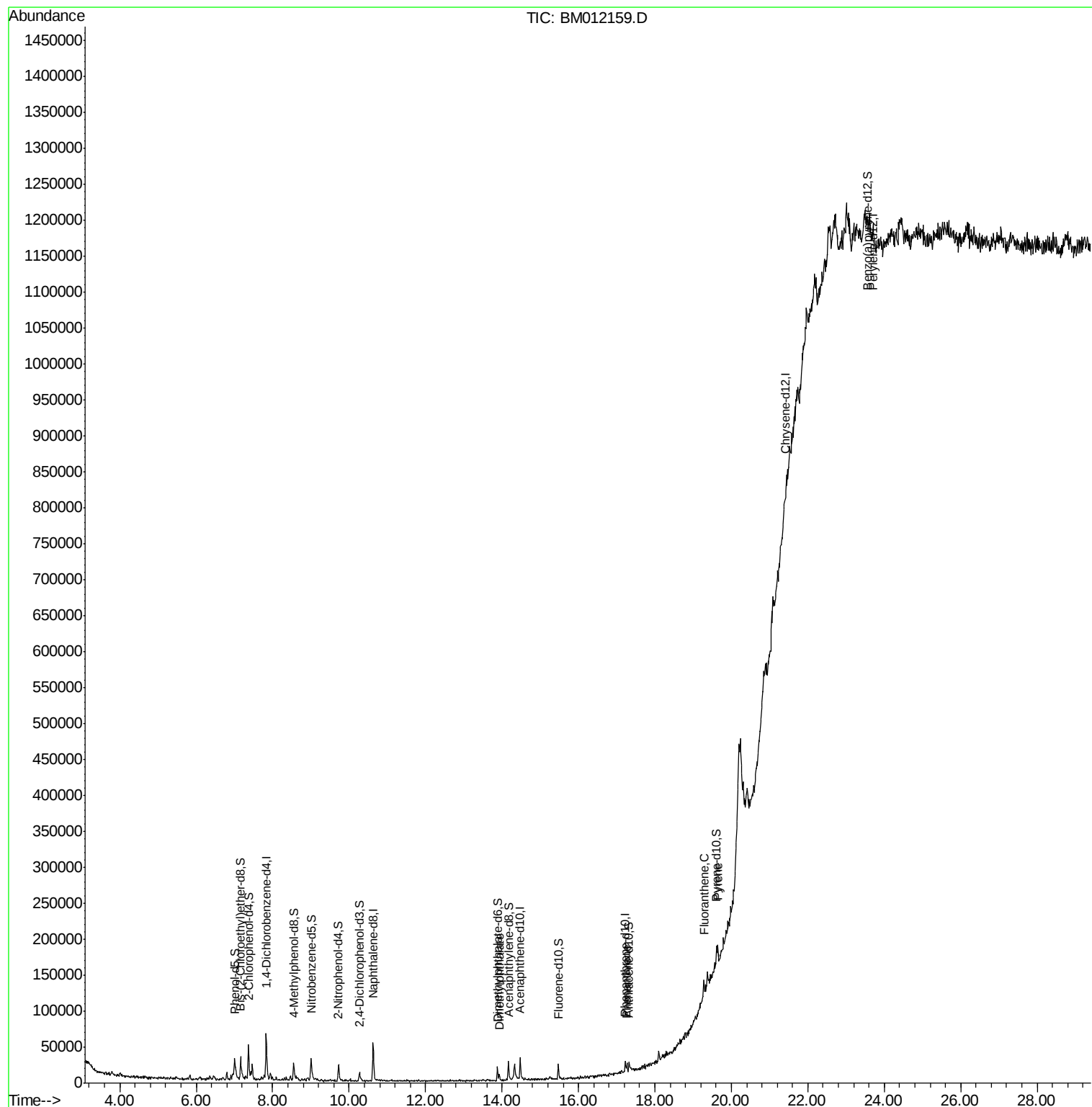
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.93	163	6536	6.52	ng/ul#	77
69) Phenanthrene	17.27	178	7270	11.18	ng/ul#	93
74) Fluoranthene	19.28	202	13143	16.75	ng/ul#	95
77) Pyrene	19.64	202	12447	19.76	ng/ul#	92

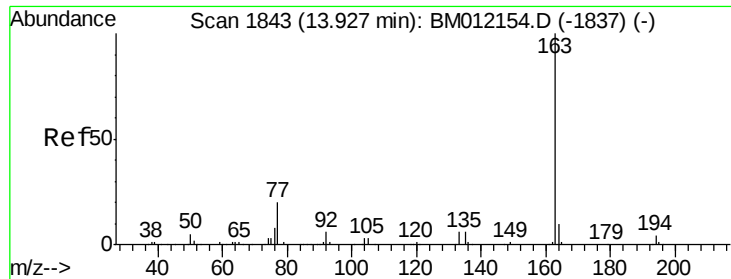
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.52 ng/ul

RT: 13.93 min Scan# 1844

Delta R.T. 0.01 min

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Instrument :

BNA_M

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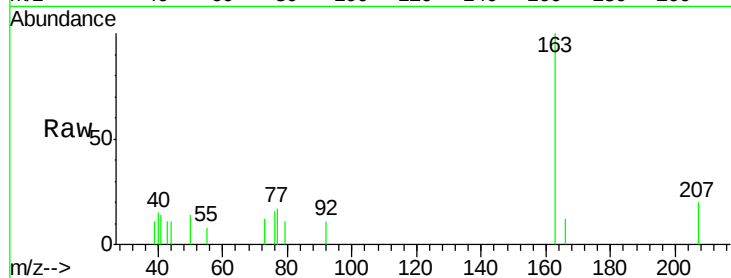
Tgt Ion:163 Resp: 6536

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

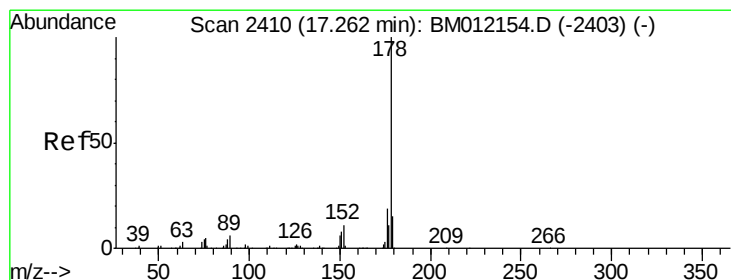
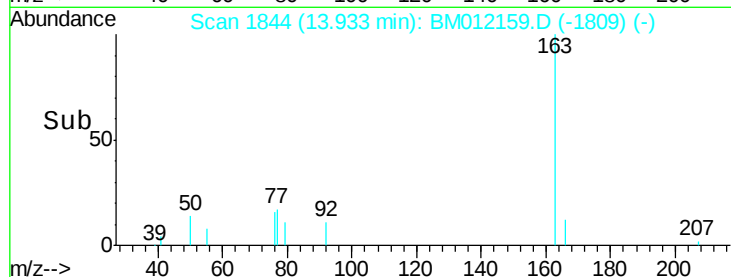
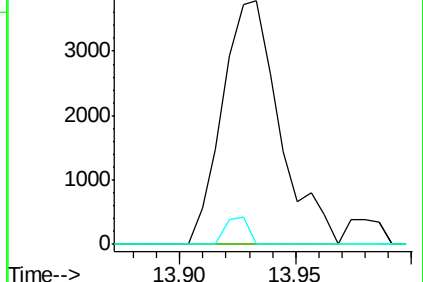
164 0.0 8.2 12.4#



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: 11.18 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BM012159.D

Acq: 14 Oct 2017 06:15

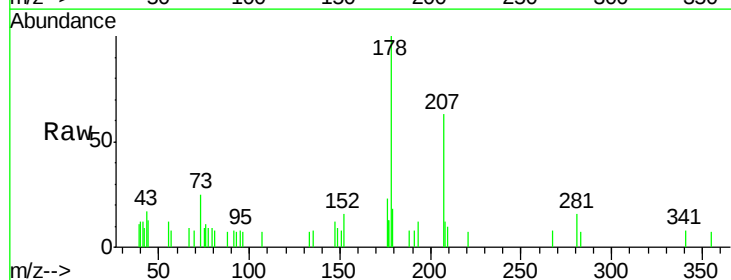
Tgt Ion:178 Resp: 7270

Ion Ratio Lower Upper

178 100

179 17.6 12.6 19.0

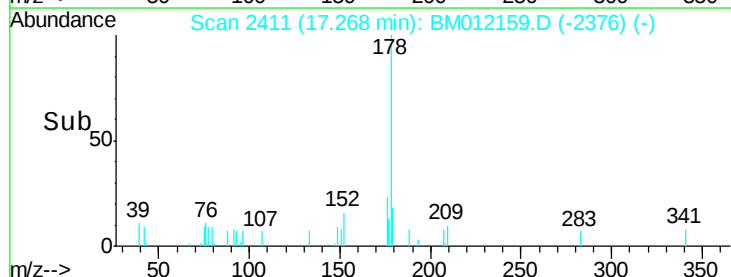
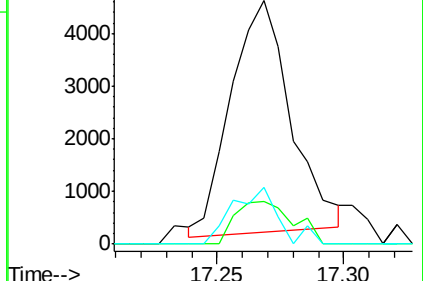
176 23.1 14.9 22.3#

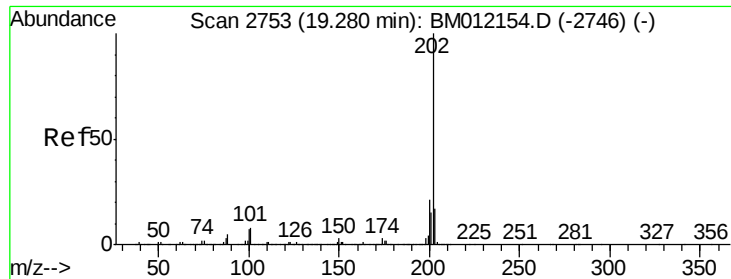


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 16.75 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

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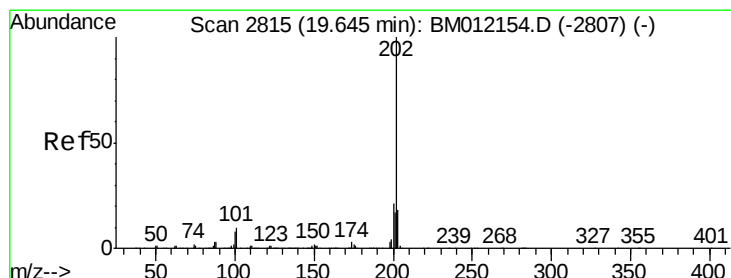
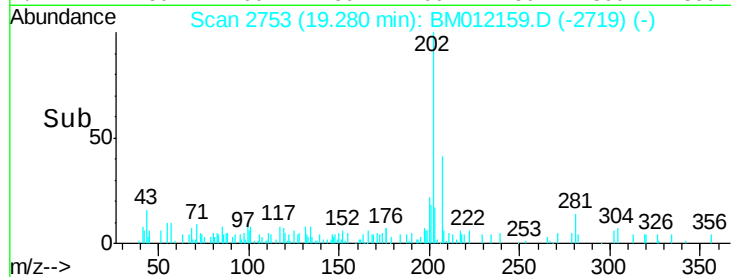
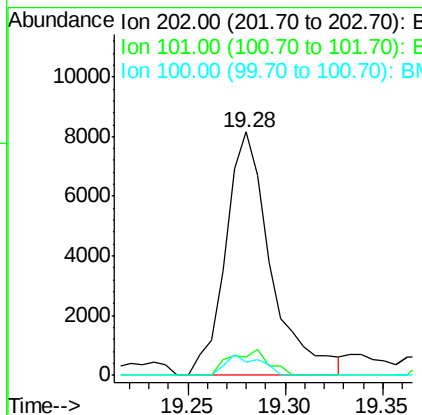
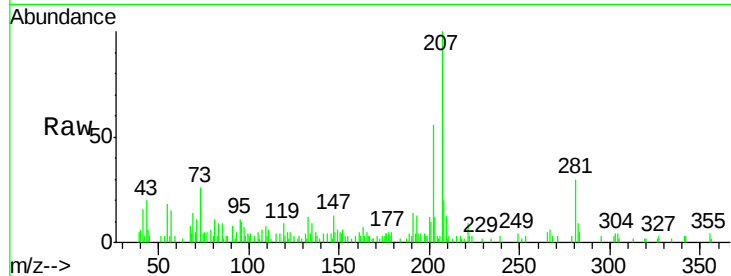
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Tgt Ion:	202	Resp:	13143
Ion Ratio	Lower	Upper	
202	100		
101	7.7	4.6	7.0#
100	5.6	3.4	5.2#



#77

Pyrene

Concen: 19.76 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM012159.D

Acq: 14 Oct 2017 06:15

Tgt Ion:	202	Resp:	12447
Ion Ratio	Lower	Upper	
202	100		
101	9.9	5.1	7.7#
100	7.9	4.9	7.3#

