

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022619\
 Data File : BN004515.D
 Acq On : 27 Feb 2019 00:51
 Operator : JU/SJ
 Sample : K1553-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF5X0

Quant Time: Feb 27 05:42:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 27 05:37:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	32753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	158341	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	100370	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	245547	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	348563	20.00	ng/ul	-0.01
86) Perylene-d12	23.59	264	406363	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	3337	6.13	ng/uL	0.00
5) Phenol-d5	6.89	99	42158	14.44	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	21854	14.92	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	37857	15.99	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	36316	14.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	18503	17.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	21146	19.33	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.14	165	42148	16.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	47223	17.21	ng/ul	-0.01
44) Dimethylphthalate-d6	13.79	166	142941	16.79	ng/ul	-0.01
47) Acenaphthylene-d8	14.07	160	166286	16.49	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	19080	11.71	ng/ul	-0.01
58) Fluorene-d10	15.37	176	128502	17.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	12640	8.83	ng/ul	-0.01
71) Anthracene-d10	17.22	188	200206	17.01	ng/ul	-0.01
79) Pyrene-d10	19.52	212	247711	15.86	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	347102	16.28	ng/ul	-0.02

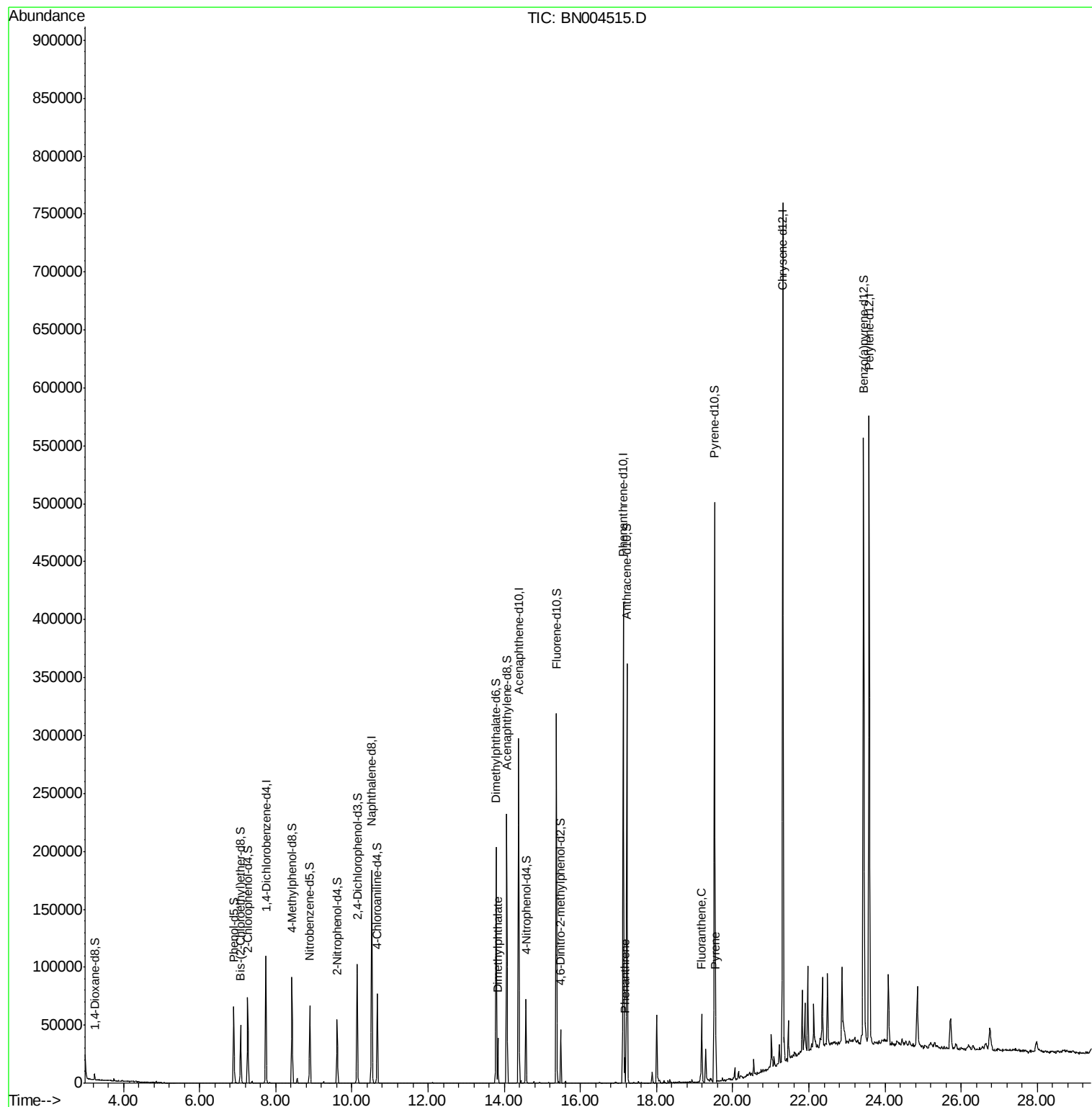
Target Compounds				Qvalue		
45) Dimethylphthalate	13.83	163	28348	3.369	ng/ul	99
70) Phenanthrene	17.16	178	14926	1.096	ng/ul	99
77) Fluoranthene	19.19	202	35029	2.089	ng/ul#	96
80) Pyrene	19.55	202	32398	1.681	ng/ul	97

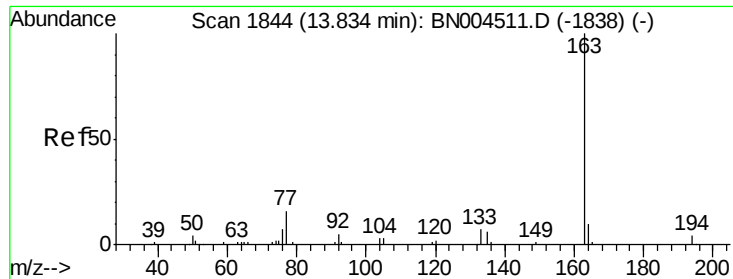
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 3.369 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

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ClientSampleId :

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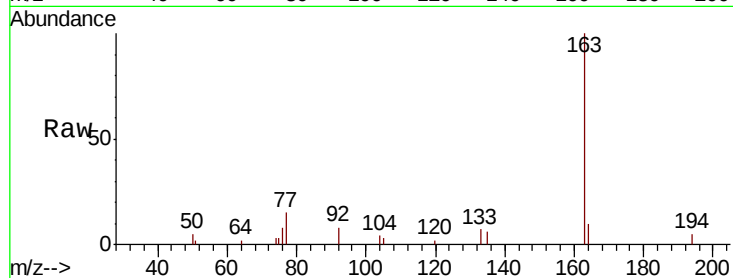
Tgt Ion:163 Resp: 28348

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

164 10.2 7.9 11.9

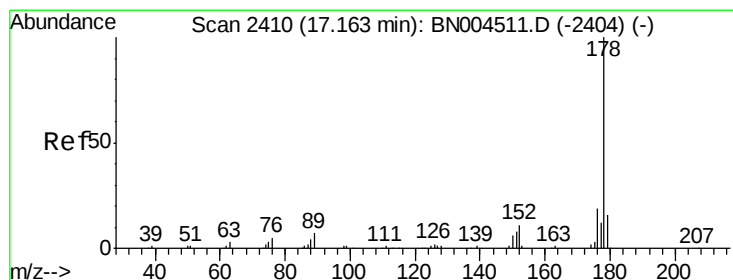
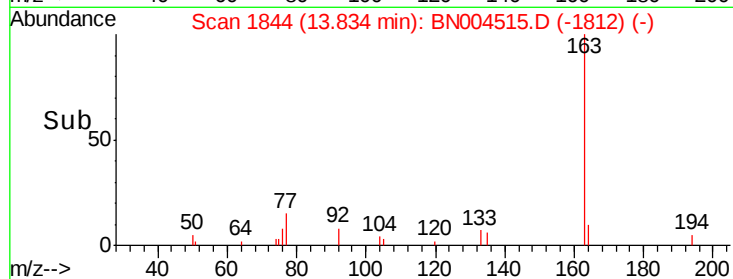
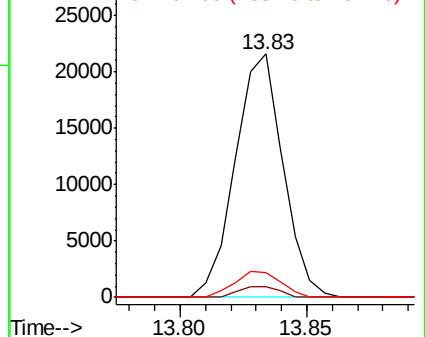


Abundance

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



#70

Phenanthrene

Concen: 1.096 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BN004515.D

Acq: 27 Feb 2019 00:51

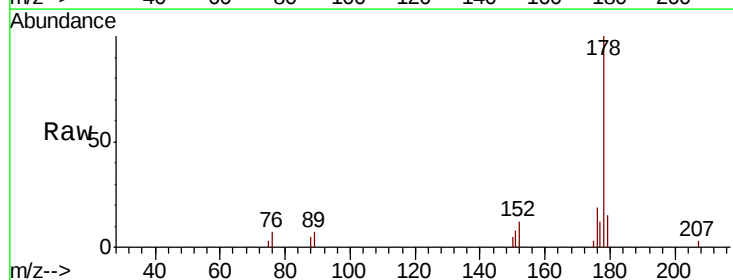
Tgt Ion:178 Resp: 14926

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

176 18.8 15.4 23.0

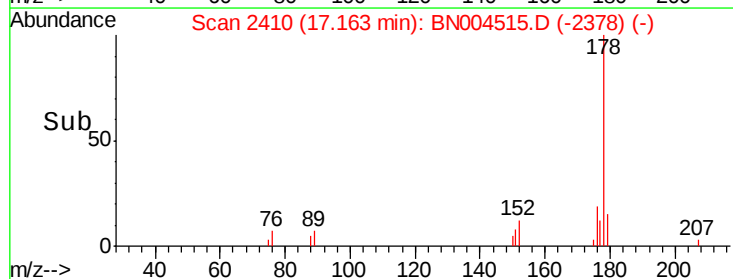
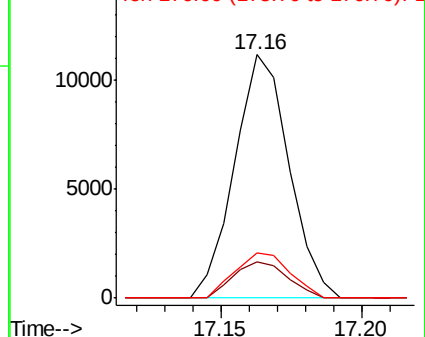


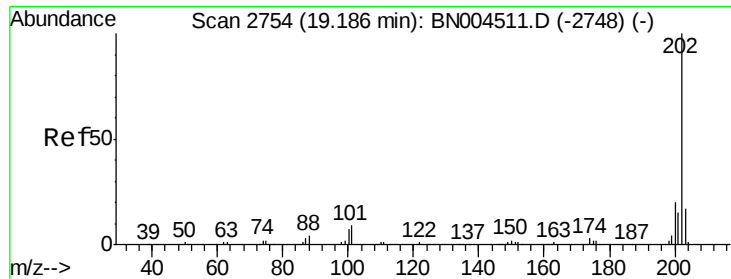
Abundance

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

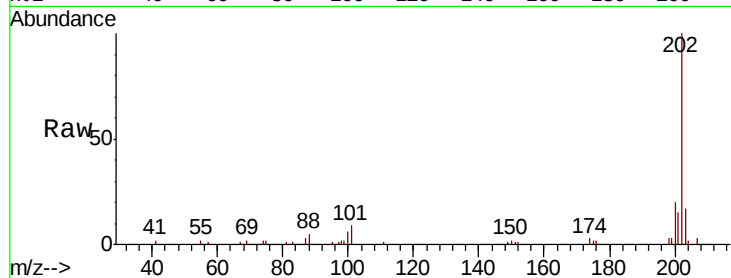




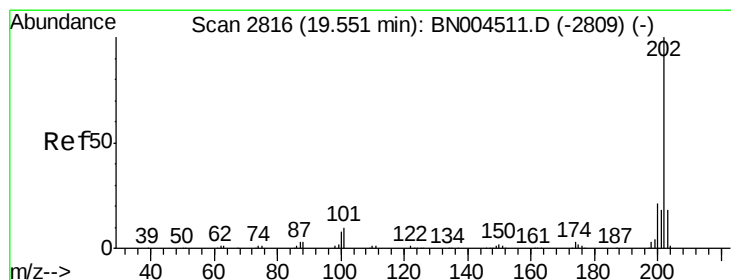
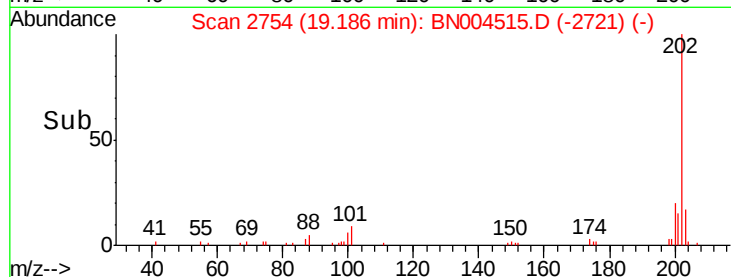
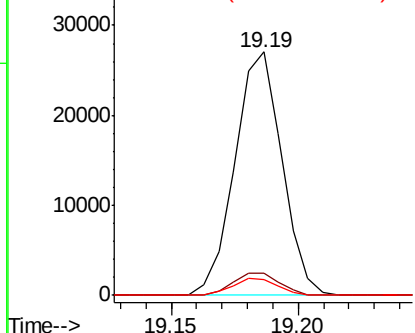
#77
Fluoranthene
 Concen: 2.089 ng/ul
 RT: 19.19 min Scan# 2754
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.2	12.4
100	6.4	6.6	9.8#

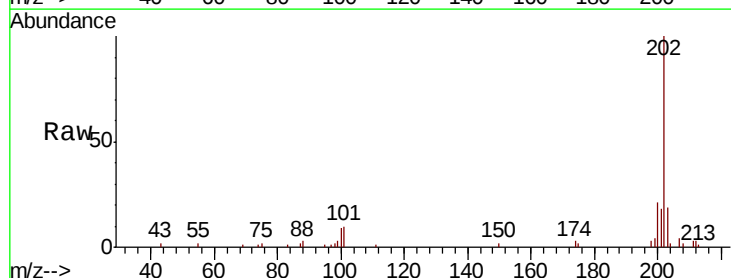


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
Pyrene
 Concen: 1.681 ng/ul
 RT: 19.55 min Scan# 2816
 Delta R.T. -0.01 min
 Lab File: BN004515.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.2	13.8
100	8.7	7.5	11.3



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

