

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024764.D
 Acq On : 07 Feb 2020 16:51
 Operator : CG/JU
 Sample : L1399-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6G0

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:22:01 AM

Quant Time: Feb 07 22:33:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	297841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1171103	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	789765	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1667485	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1530125	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1634693	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	22410	3.62	ng/uL	0.00
5) Phenol-d5	6.60	99	384869	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	245994	22.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	355730	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	331250	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	188356	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	220947	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	377241	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	475866	25.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1321635	22.17	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1389760	19.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	166386	17.18	ng/ul	0.00
58) Fluorene-d10	15.06	176	1077658	20.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	197659	18.18	ng/ul	0.00
71) Anthracene-d10	16.92	188	1576193	20.71	ng/ul	0.00
79) Pyrene-d10	19.22	212	1753786	22.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1707407	20.80	ng/ul	0.00
Target Compounds						
77) Fluoranthene	18.89	202	150571m	1.349	ng/ul	Ovalue
80) Pyrene	19.25	202	147515	1.456	ng/ul	98
88) Benzo(b)fluoranthene	22.51	252	149298	1.436	ng/ul	95

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

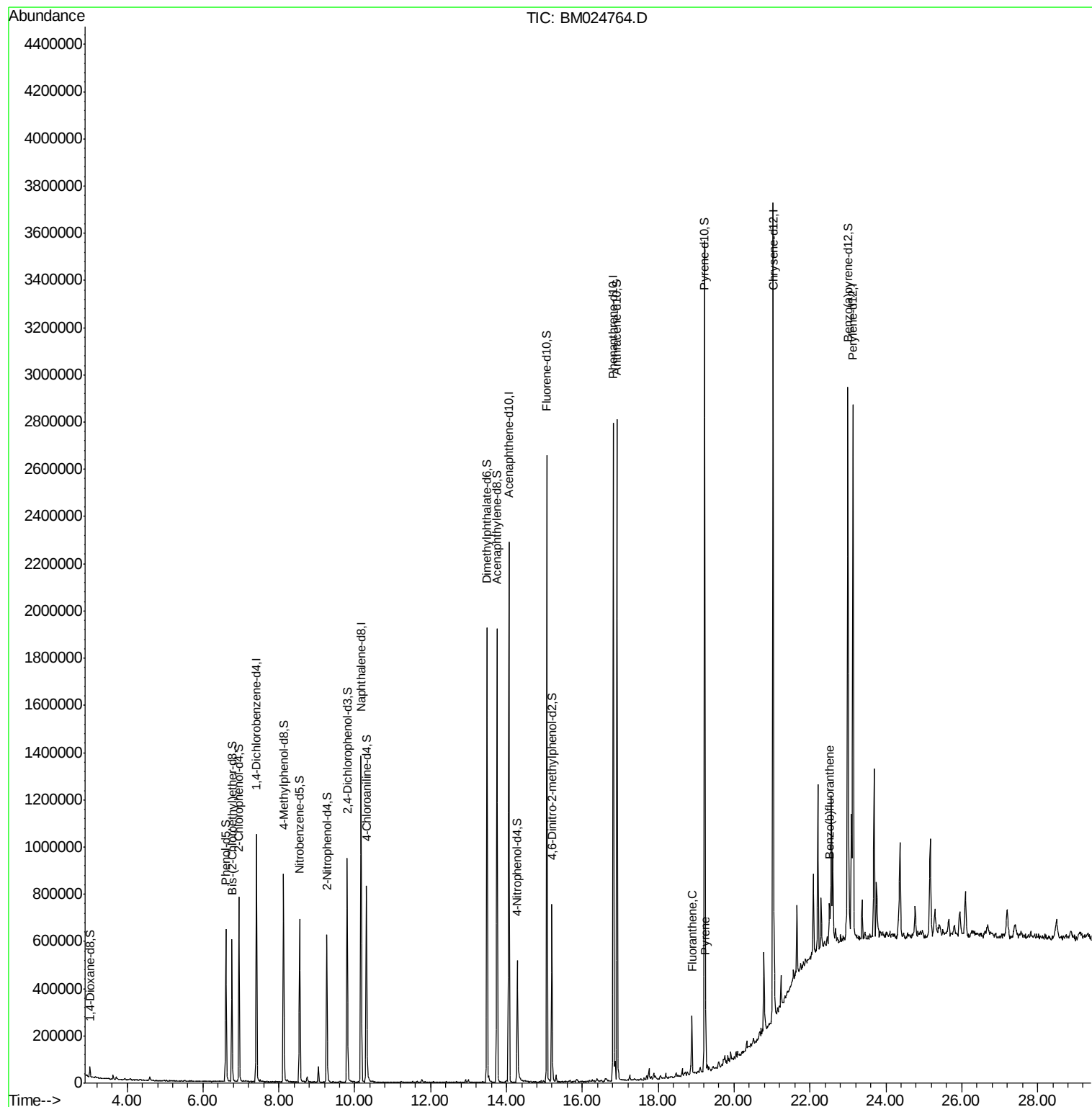
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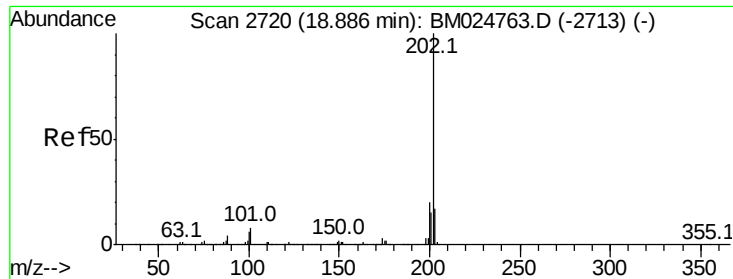
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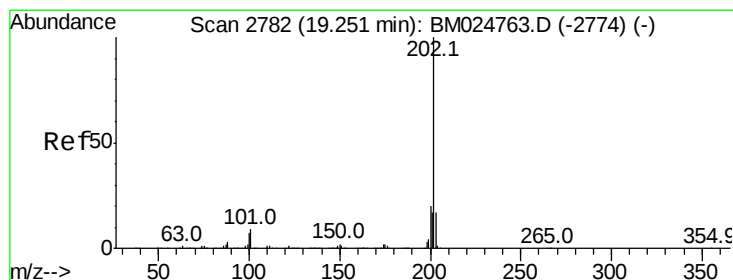
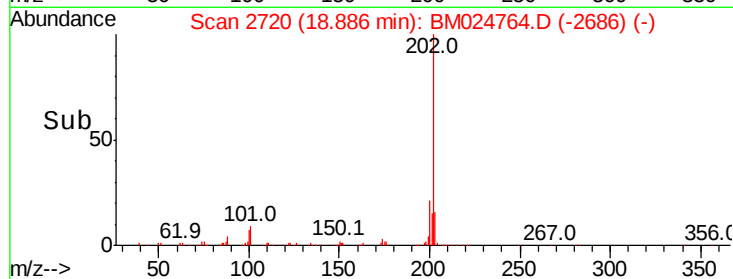
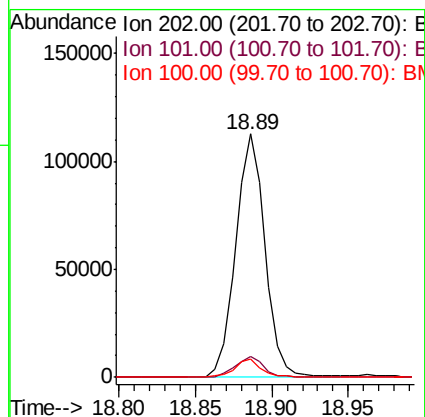
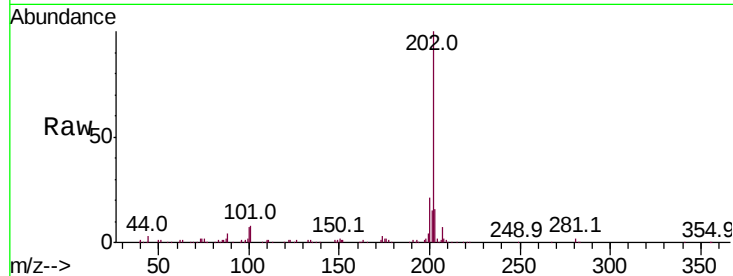
#77
Fluoranthene
 Concen: 1.349 ng/ul m
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024764.D
 Acq: 07 Feb 2020 16:51

Instrument :
 BNA_M
 ClientSampleId :
 CB6G0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	6.1	9.1
100	7.3	4.8	7.2#

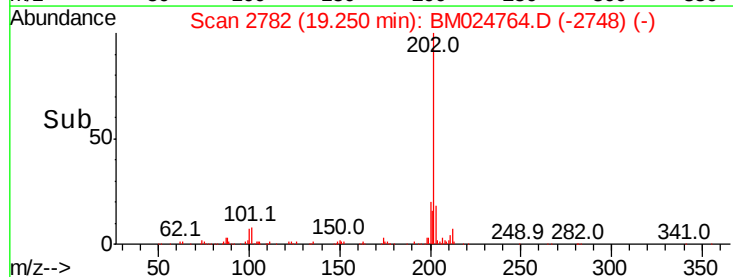
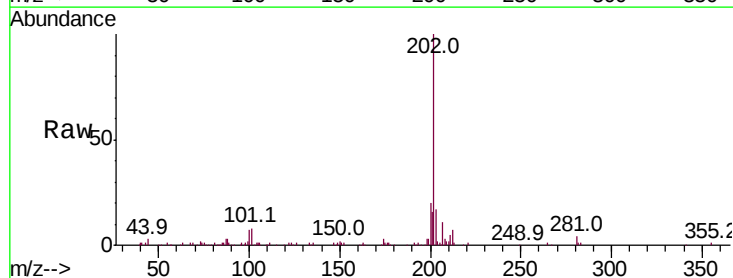
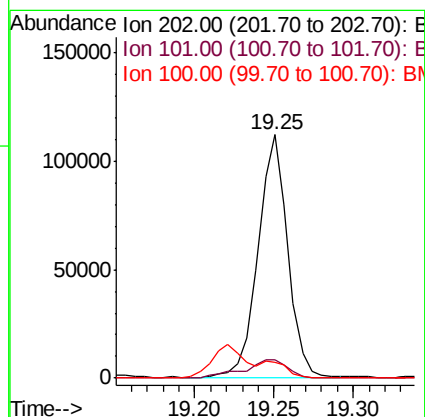
Manual Integrations
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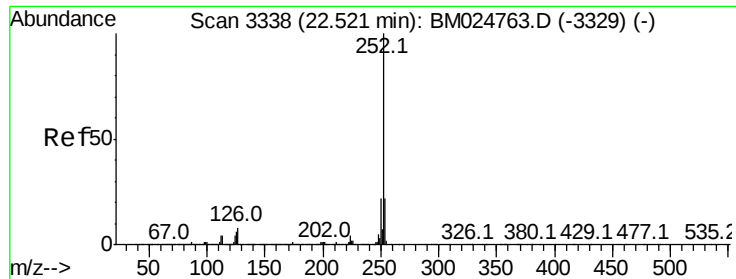
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#80
Pyrene
 Concen: 1.456 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024764.D
 Acq: 07 Feb 2020 16:51

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.0	10.4
100	6.5	5.8	8.8





#88

Benzo(b)fluoranthene

Concen: 1.436 ng/ul

RT: 22.51 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024764.D

Acq: 07 Feb 2020 16:51

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:	252	Resp:	149298
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	7.6	5.1	7.7

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