

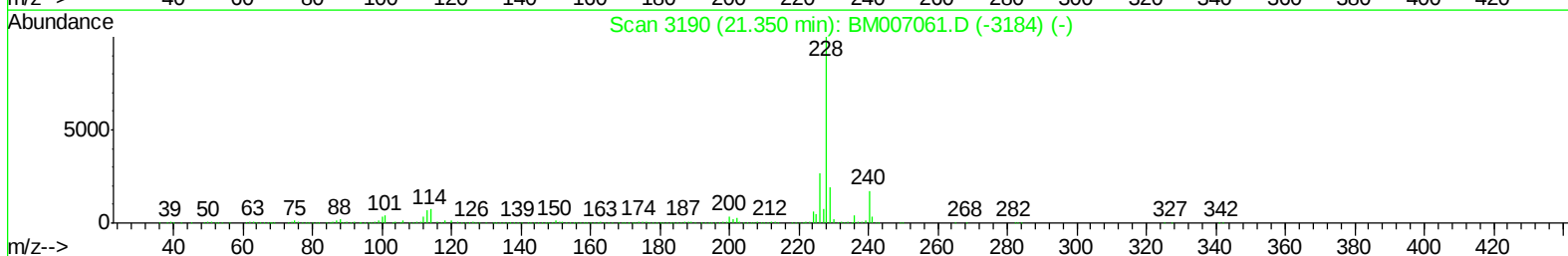
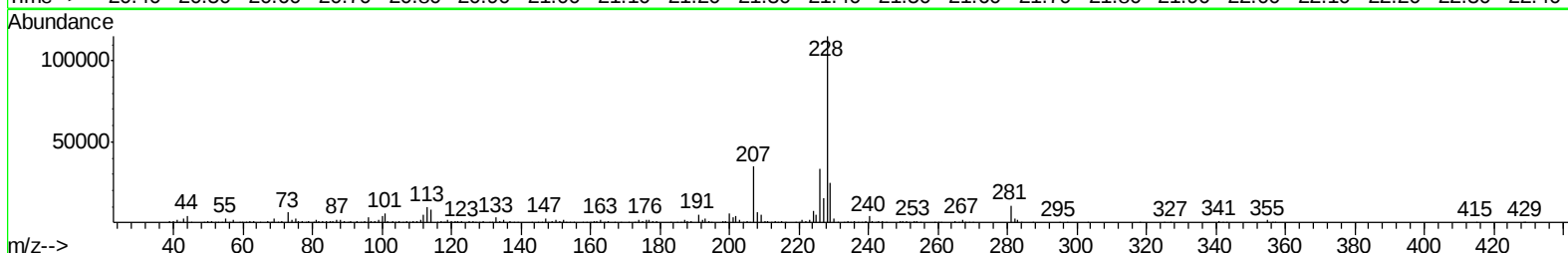
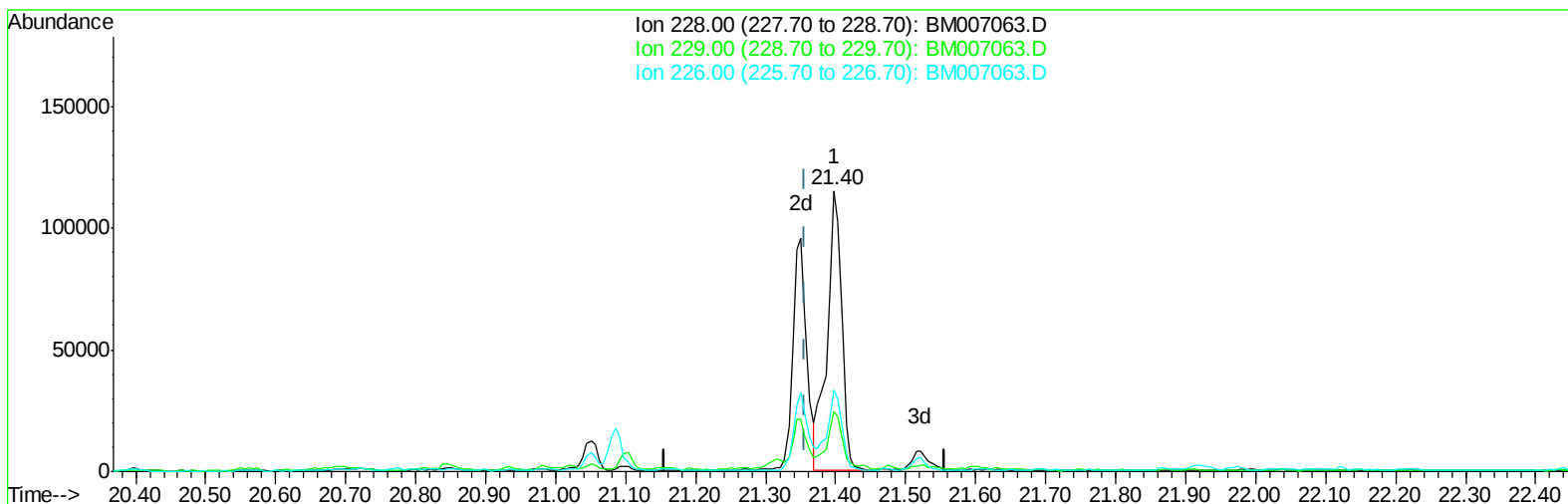
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007063.D
Acq On : 13 Aug 2016 11:20
Operator : UM/SJ
Sample : H4389-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PR002-SS006-0612-01

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:44 PM

Quant Time: Aug 15 10:38:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration



TIC: BM007063.D

(80) Benzo(a)anthracene
21.397min (+0.041) 1.54ng/ul
response 166216

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.56
226.00	27.30	28.95
0.00	0.00	0.00

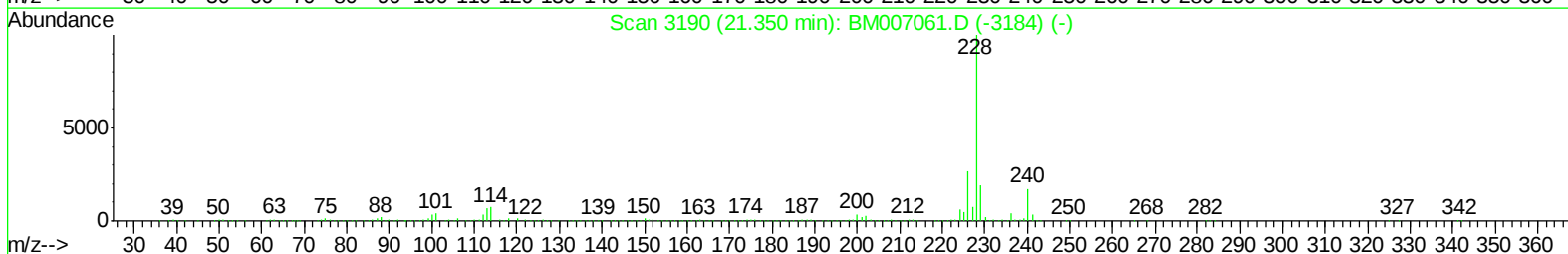
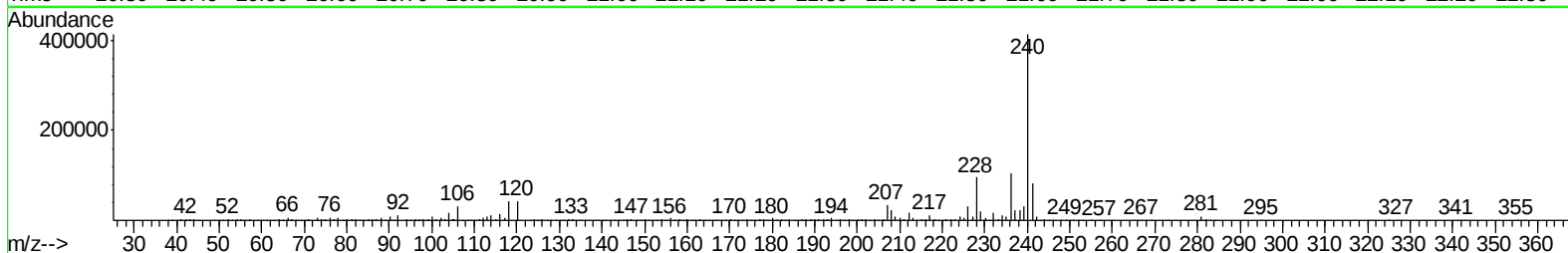
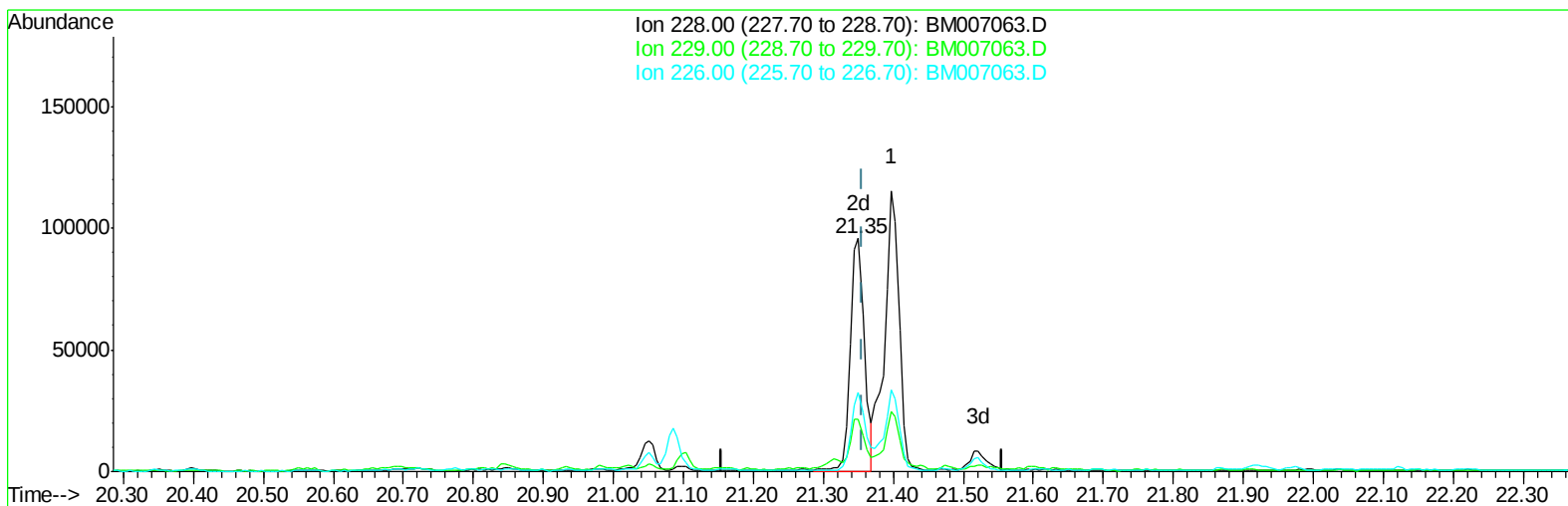
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(80) Benzo(a)anthracene

21.350min (-0.006) 1.26ng/ul m

response 135421

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.47
226.00	27.30	33.80#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	263945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1058711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	599598	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1401032	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1822405	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1939296	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	30039	4.97	ng/uL	0.00
5) Phenol-d5	6.97	99	576327	26.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	344786	28.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	472777	27.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	437096	24.84	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	228140	29.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	253781	30.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	477430	27.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	489617	23.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1434966	28.96	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1774682	29.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	210258	23.68	ng/ul	0.00
57) Fluorene-d10	15.43	176	1257183	29.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	200002	25.83	ng/ul	0.00
70) Anthracene-d10	17.28	188	1956545	30.14	ng/ul	0.00
76) Pyrene-d10	19.57	212	2366803	30.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2700131	30.44	ng/ul	-0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	13.90	163	1095693	22.13	ng/ul	99
69) Phenanthrene	17.22	178	134553	1.79	ng/ul	98
74) Fluoranthene	19.24	202	291506	3.19	ng/ul	99
77) Pyrene	19.60	202	299006	2.97	ng/ul	100
80) Benzo(a)anthracene	21.35	228	135421m	1.26	ng/ul	
82) Chrysene	21.40	228	166216	1.69	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	216871	1.86	ng/ul#	96
88) Benzo(a)pyrene	23.54	252	150293	1.36	ng/ul#	97

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

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